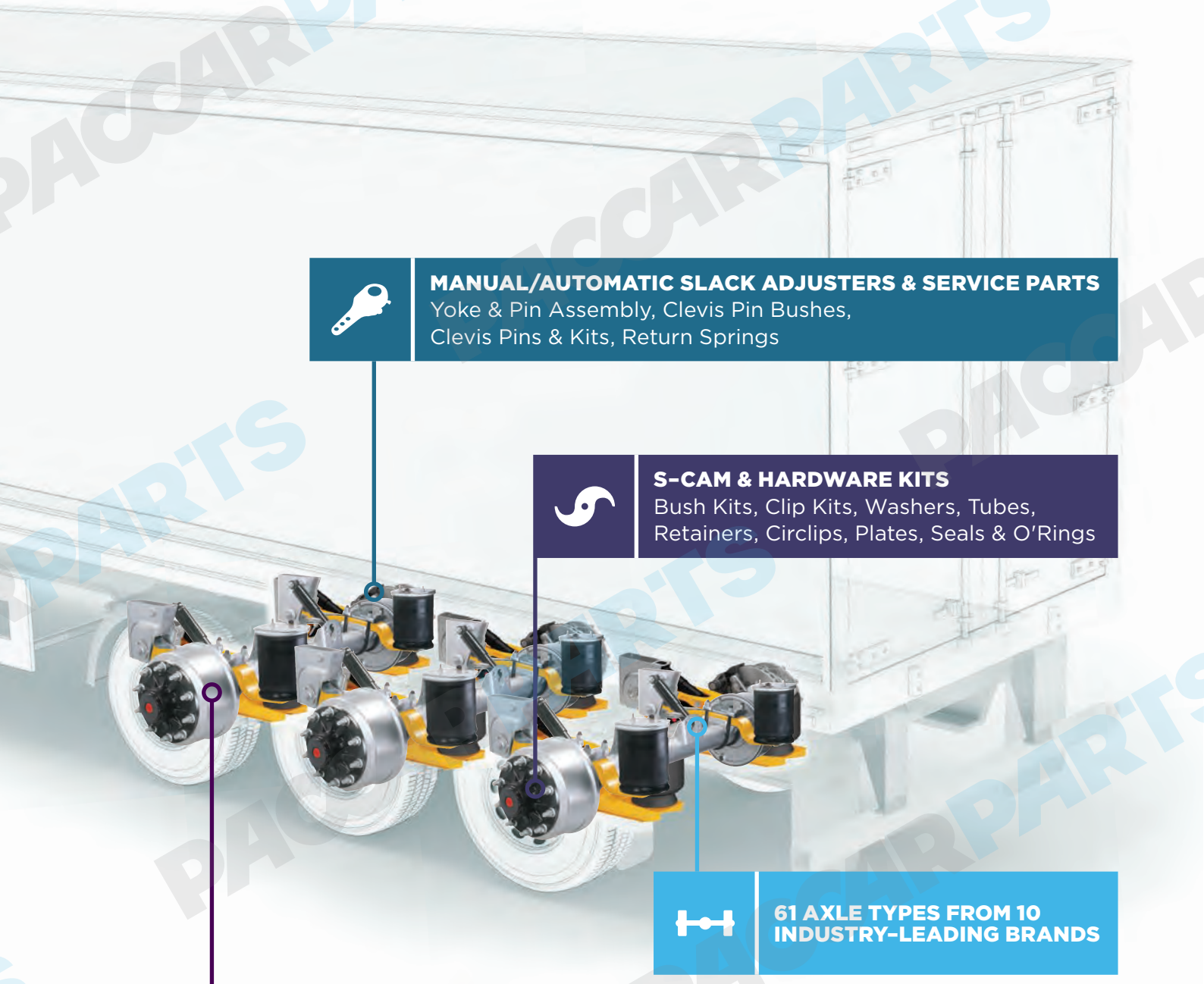
PACCAR PARTS
TRAILER CATALOGUE

Volume 1 — Axles, Slack Adjusters, S-Cams & Braking



MANUAL/AUTOMATIC SLACK ADJUSTERS & SERVICE PARTS
Yoke & Pin Assembly, Clevis Pin Bushes, Clevis Pins & Kits, Return Springs

S-CAM & HARDWARE KITS
Bush Kits, Clip Kits, Washers, Tubes, Retainers, Circlips, Plates, Seals & O'Rings

61 AXLE TYPES FROM 10 INDUSTRY-LEADING BRANDS

BRAKE SHOES, HARDWARE & KITS
Anchor Pins, Bushes, Circlips, Washers, Rollers, Retainers, Return Springs & more

INTRODUCTION

The PACCAR Parts trailer catalogue is testament to PACCAR's commitment to the Australian trailer market. This detailed and comprehensive catalogue contains parts information from major industry-leading trailer parts suppliers.

It is a must have guide for fleet managers, workshop mechanics, owner drivers and anyone working with trailers, no matter what the application.

In the catalogue we have compiled trailer part related information from Australia's leading parts manufacturers, including PACCAR's own brand, TRP®, giving you a one stop shop for all your trailer part needs. Each category within the guide has been colour coded to ensure simple location of the part you are looking for. In addition, high quality photos and Bill of Material (BOM) drawings, with associated indexing, allows you to visualise the part you are searching for.

On behalf of PACCAR Parts Australia, I hope you find our trailer volumes a useful and essential resource to your business!

Best regards,

Damian Smethurst
General Manager
PACCAR Parts Australia



TRUCK & TRAILER CONFIGURATION GUIDE

		Description	Max Length (m)	MRM under GML (t)	MRM under CML (t)	MRM under HML (t)
1. COMMON RIGID TRUCKS - GENERAL ACCESS						
(A)	 6.0t 9.0t	**2 Axle Rigid Truck**	≤ 12.5	15.0	CML does not apply	-
(B)	 6.0t 16.5t	**3 Axle Rigid Truck**	≤ 12.5	22.5	23.0	-
(C)	 6.0t 20.0t	**4 Axle Rigid Truck**	≤ 12.5	26.0	27.0	-
(D)	 10.0t* 16.5t	**4 Axle Twinsteer Rigid Truck**	≤ 12.5	26.5	27.0	-
(E)	 10.0t* 20.0t	**5 Axle Twinsteer Rigid Truck**	≤ 12.5	30.0	31.0	-
2. COMMON SEMITRAILER COMBINATIONS - GENERAL ACCESS						
(A)	 6.0t 9.0t 9.0t	**3 Axle Semitrailer**	≤ 19.0	24.0	-	-
(B)	 6.0t 9.0t 16.5t	**4 Axle Semitrailer**	≤ 19.0	31.5	32.0	32.0
(C)	 6.0t 9.0t 20t	**5 Axle Semitrailer**	≤ 19.0	35.0	36.0	37.5
(D)	 6.0t 16.5t 16.5t	**5 Axle Semitrailer**	≤ 19.0	39.0	40.0	40.0
(E)	 6.0t 16.5t 20.0t	**6 Axle Semitrailer**	≤ 19.0	42.5	43.5	45.5

MRM = Maximum Regulatory Mass m = metres t = tonnes

* Add one tonne if twinsteer axle group is load sharing.''The mass of a dog trailer shall not exceed the mass of the towing vehicle under Schedule 1, Part 1, section 2(4) of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.

Please note, additional limits are allowed for steer axles under Schedule 1, Part 2 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.
Table published with kind permission from National Heavy Vehicle Regulator.
©Copyright National Heavy Vehicle Regulator 2019, creativecommons.org/licenses/by-sa/3.0/au

		Description	Max Length (m)	MRM under GML (t)	MRM under CML (t)	MRM under HML (t)
3. COMMON RIGID TRUCK AND TRAILER COMBINATIONS (General access when complying with prescribed mass & dimension requirements)						
(A)	 6.0t 9.0t 9.0t** 9.0t**	**2 Axle Truck & 2 Axle Dog Trailer**	≤ 19.0	30.0	-	-
(B)	 6.0t 9.0t 15.0t	**2 Axle Truck & 2 Axle Pig Trailer**	≤ 19.0	30.0	CML does not apply	-
(C)	 6.0t 16.5t 9.0t 9.0t	**3 Axle Truck & 2 Axle Dog Trailer**	≤ 19.0	40.5	41.0	-
(D)	 6.0t 16.5t 15.0t	**3 Axle Truck & 2 Axle Pig Trailer**	≤ 19.0	37.5	CML does not apply	-
(E)	 6.0t 16.5t 9.0t** 16.5t**	**3 Axle Truck & 3 Axle Dog Trailer**	≤ 19.0	42.5	43.5	-
(F)	 6.0t 16.5t 18.0t	**3 Axle Truck & 3 Axle Pig Trailer**	≤ 19.0	40.5	CML does not apply	-
(G)	 6.0t 16.5t 16.5t** 16.5t**	**3 Axle Truck & 4 Axle Dog Trailer**	≤ 19.0	42.5	43.5	-
(H)	 10.0t* 16.5t 9.0t 16.5t	**4 Axle Truck & 3 Axle Dog Trailer**	≤ 19.0	42.5	43.5	-
(I)	 10.0t* 16.5t 16.5t** 16.5t**	**4 Axle Truck & 4 Axle Dog Trailer**	≤ 19.0	42.5	43.5	-
4. COMMON B-DOUBLE COMBINATIONS - CLASS 2						
(A)	 6.0t 16.5t 16.5t 16.5t	**7 Axle B-double**	≤ 19.0	55.5	57.0	57.0
(B)	 6.0t 16.5t 20.0t 16.5t	**8 Axle B-double**	≤ 26.0	59.0	61.0	62.5
(C)	 6.0t 16.5t 16.5t 20.0t	**8 Axle B-double**	≤ 26.0	59.0	61.0	62.5
(D)	 6.0t 16.5t 20.0t 20.0t	**9 Axle B-double**	≤ 26.0	62.5	64.5	68.0

MRM = Maximum Regulatory Mass m = metres t = tonnes

* Add one tonne if twinsteer axle group is load sharing.**The mass of a dog trailer shall not exceed the mass of the towing vehicle under Schedule 1, Part 1, section 2(4) of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.

Please note, additional limits are allowed for steer axles under Schedule 1, Part 2 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.
Table published with kind permission from National Heavy Vehicle Regulator.
©Copyright National Heavy Vehicle Regulator 2019, creativecommons.org/licenses/by-sa/3.0/au

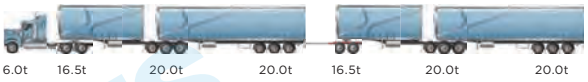
TRUCK & TRAILER CONFIGURATION GUIDE

		Description	Max Length (m)	MRM under GML (t)	MRM under CML (t)	MRM under HML (t)
5. COMMON TYPE 1 ROAD TRAINS - CLASS 2						
(A)		**9 Axle A-Double**	≤ 36.5	72.0	74.0	74.0
(B)		**11 Axle A-Double**	≤ 36.5	79.0	81.0	85.0
(C)		**12 Axle A-Double**	≤ 36.5	82.5	84.5	90.5
(D)		**12 Axle Modular B-Triple**	≤ 35.0	82.5	84.5	90.5
(E)		**12 Axle B-Triple**	≤ 36.5	82.5	84.5	90.5
(F)		**14 Axle AB-Triple**	≤ 36.5	99.0	101.0	107.5
(G)		**15 Axle AB-Triple**	≤ 36.5	102.5	104.5	113.0
(H)		**11 Axle Rigid Truck & 2 Dog Trailers**	≤ 36.5	88.5	90.5	91.0

MRM = Maximum Regulatory Mass m = metres t = tonnes

* Add one tonne if twinsteer axle group is load sharing.**The mass of a dog trailer shall not exceed the mass of the towing vehicle under Schedule 1, Part 1, section 2(4) of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.

Please note, additional limits are allowed for steer axles under Schedule 1, Part 2 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.
Table published with kind permission from National Heavy Vehicle Regulator.
©Copyright National Heavy Vehicle Regulator 2019, creativecommons.org/licenses/by-sa/3.0/au

		Description	Max Length (m)	MRM under GML (t)	MRM under CML (t)	MRM under HML (t)
6. COMMON TYPE 2 ROAD TRAINS - CLASS 2						
(A)	 6.0t 16.5t 20.0t 16.5t 20.0t 16.5t 20.0t	**16 Axle A-Triple**	≤ 53.5	115.5	117.5	124.5
(B)	 6.0t 16.5t 20.0t 20.0t 20.0t 20.0t 20.0t	**18 Axle A-Triple**	≤ 53.5	122.5	124.5	135.5
(C)	 6.0t 16.5t 20.0t 20.0t 20.0t 20.0t	**15 Axle AB-Triple**	≤ 47.5 – Classified by the NHVR as Type 1 when L ≤ 36.5m	102.5	104.5	113.0
(D)	 6.0t 16.5t 16.5t 20.0t 16.5t 20.0t	**13 Axle Rigid Truck & 2 Dog Trailers**	≤ 47.5 – Classified by the NHVR as Type 1 when L ≤ 36.5m	95.5	97.5	102.0
(E)	 6.0t 16.5t 20.0t 20.0t 16.5t 20.0t 20.0t	**17 Axle BAB-Quad**	≤ 53.5	119.0	121.0	130.0
(F)	 6.0t 16.5t 20.0t 20.0t 20.0t 20.0t 20.0t	**18 Axle BAB-Quad**	≤ 53.5	122.5	124.5	135.5
(G)	 6.0t 16.5t 20.0t 16.5t 20.0t 20.0t 20.0t	**17 Axle ABB-Quad**	≤ 53.5	119.0	121.0	130.0
(H)	 6.0t 16.5t 20.0t 20.0t 20.0t 20.0t 20.0t	**18 Axle ABB-Quad**	≤ 53.5	122.5	124.5	135.5

MRM = Maximum Regulatory Mass m = metres t = tonnes

* Add one tonne if twinsteer axle group is load sharing.**The mass of a dog trailer shall not exceed the mass of the towing vehicle under Schedule 1, Part 1, section 2(4) of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.

Please note, additional limits are allowed for steer axles under Schedule 1, Part 2 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.
Table published with kind permission from National Heavy Vehicle Regulator.
©Copyright National Heavy Vehicle Regulator 2019, creativecommons.org/licenses/by-sa/3.0/au

TABLE OF CONTENTS

	AXLES	16
	SLACK ADJUSTER	344
	S—CAM	362
	BRAKING	436

TO VIEW THE DIGITAL VERSION
OF THE PACCAR PARTS
TRAILER CATALOGUE
SCAN HERE!



PACCAR PARTS

VOLUME 1 INDEX

INTRODUCTION		PAGE
1.1	Metric Conversion	15

AXLES		PAGE
2.1	Hub Cap Guide	18
	BPW TRANSPEC	
2.2	Axle Identification for Australian Assembled Axles	28
	Old Generation 20" 420 x 180mm Brakes	32
	New Generation H91, H10, R10 420 x 180mm Brakes	36
	9000 Lightweight Axle 420 x 180mm Brakes	40
	KH/KR Axle (19.5") 360 x 200mm Brakes	44
	Eco Hub KH/KR Axle (19.5") 360 x 200mm Brakes	48
	Eco Hub 9 Tonne 9010 HZA-ZM & HAS-SM Axle 420 x 180mm Brakes	50
	Eco Hub 10 Tonne 9110 HZA-ZM & HAS-SM Axle	52
	Eco Hub Disc Brake Axle 9 Tonne	54
	Eco Plus Hub - H/R, KH 9 & 10-12 Tonne 420 x 180mm Brakes	56
	Eco Plus Hub - Disc Brake Axle 10-12 Tonne	58
	Eco Plus 3 Hub - H/R, KH 10-12 Tonne 420 x 180mm Brakes	62
	Eco Plus 3 Hub Disc Brake 10-12 Tonne	64
	FUWA K HITCH	
2.2	Axle Identification	70
	KF12 Drum Brake Axle 420 x 180mm Q Brakes - (22.5") 9T Unitised	74
	KK44 Drum Brake Axle 311 x 190mm Q Brakes (Low Loader) - (15"-17.5") - TN	78
	KF37 Drum Brake Axle 380 x 220mm Q Brakes - (19.5") - TN	82

AXLES		PAGE
	FUWA K HITCH CONTINUED	
2.2	KF22 & KF29 Drum Brake Axle 420 x 180mm Brakes - (22.5") TN, Conmet Preset Plus	86
	KF22 & KF29 Drum Brake Axle 420 x 180mm Brakes - (22.5") TP & MBS Ø146, Conmet Preset Plus	92
	KF22 & KF29 Drum Brake Axle 420 x 180mm Brakes - (22.5") - Unitised	98
	KF21 HD Drum Brake Axle 420 x 180mm XEM Brakes - (22.5") - TP	102
	KF61 Drum Brake Axle 420 x 180mm XEM Brakes 150 Square Axle - TP	106
	KF75 Drum Brake Axle 420 x 220mm XEM Brakes 150 Square Axle - TN-HD	110
	KF85 Drum Brake Axle 420 x 220mm XEM Brakes 150 Square Axle - TN-XHD	114
	KSS1 Self Steer Axle 420 x 180mm Q Brakes - TN	118
	KF26, KF36 Disc Brake Axle Pan 19 - TN, TP, Unitised	122
	KF23 Disc Brake Axle Pan 22 - TP Conmet Preset Plus	126
	FB24 Disc Brake Axle Pan 22 TN-HD	130
	YORK	
2.2	Axle Identification	136
	2682 / RB Outback Spider Drum Axles 420 x 180mm Brakes	138
	2682 / RB / 2685 Outback Stud Type Drum Axles 420 x 180mm Brakes	142
	2782 / 2784 RB Spider Drum Axles 420 x 180mm Brakes	146
	2782 / 2784 / RB / 2785 Stud Type Drum Axles 420 x 180mm Brakes	150
	2783 Drum Axles 311 x 178mm Brakes	156
	2800 Heavy Duty Drum Axles 420 x 220mm Brakes	160
	2950 Drum Axles 335 x 210mm Brakes	164
	2970 Pan 22 Disc Axles	168
	2980 Pan 19 Disc Axles	172

AXLES		PAGE
SAF HOLLAND		
2.2	Axle & Suspension Identification	178
	Axle Identification	179
	Z9-4218 NG Axle Dual Wheels - 420 x 180mm Brakes	180
	Z9-3720 Dual Wheels - 367 x 200mm Brakes	184
	J-Series RZT 12242/18C & RZT 10242/18C Axles Spider Hub - 420 x 180mm Brakes	188
	J-Series RZ 12242/18C Axle Stud Hub (10 x 285) - 420 x 180mm Brakes	192
	ZI9-19W Dual Wheels (Integral - Pan 19)	196
	ZIL9-19W - Overslung Steer Axle Dual Wheels (Pan 19)	198
	ZIL9-19W - Underslung Steer Axle Dual Wheels (Pan 19)	202
	ZI9-22K01 Dual Wheels (SK7)	206
HENDRICKSON		
2.2	Intraxx ID Plates	212
	Loose Axle Identification	214
	Hub Cap Guide	216
	Intraax Drum Brake Enclosed 'S' Cam	220
	Intraax Drum Brake Non Enclosed 'S' Cam (Early Pre 2000)	222
	Drop Axle 'S' Cam	224
	Loose Axle Non Enclosed 'S' Cam - 15" & 16.5" Brake	226
	Loose Axle Enclosed 'S' Cam - 15" Brake	228
	Loose Axle Enclosed 'S' Cam - 16.5" Brake	230
	Q-Brake 15" & 16.5" Drum Brake	232
	P-Brake 16.5" Drum Brake	234
	Conventional HP Drum Brake Wheel End - 22.5"	236
	Conventional HN Drum Brake Wheel End - 22.5"	238
	Conventional HN 5 Spoke Spider Wheel End - 22.5"	240

AXLES		PAGE
HENDRICKSON CONTINUED		
2.2	Preset HP Drum Brake Wheel End - 22.5"	242
	Preset HN Drum Brake Wheel End - 19.5" & 22.5"	244
	HXL2 & HXL5 HP Drum Brake Wheel End – 22.5"	246
	HXL2 & HXL5 HN Drum Brake Wheel End – 22.5"	248
	HXL7 HP Drum Brake Wheel End – 22.5"	250
	Disc Brake Caliper & System MAXX22T HDT-415mm – 22.5"	252
	Disc Brake Caliper & System Wabco HTD-377mm – 19.5"	254
	Disc Brake Caliper & System Wabco HTD-430mm – 22.5"	256
	Disc Brake Caliper & System Knorr-Bremse – 22.5"	258
	Conventional HN Disc Brake Wheel End – 19.5" & 22.5"	260
	Preset HN Disc Brake Wheel End – 22.5"	262
	HXL2 & HXL5 HN Disc Brake Wheel End – 19.5" & 22.5"	264
	HXL7 HP Disc Brake Wheel End – 22.5"	266
MERITOR		
2.2	Axle Identification	270
	Rockwell - ARN/ATN (10 Spline) 4000/6000 (28 Spline) 16-½" x 7" Brakes	274
	Rockwell - RN/TN Axle 16-½" x 7" Brakes	278
	Rockwell TN Axle 12-¼" x 7-½" Q Brakes	282
	Rockwell TN/TQ Axle Fabricated Brake Spider 16-½" x 7" Brakes	286
	R.O.R TN Metric Axle Cast Brake Spider/Stepped Camshafts (To June 1991) 16-½" x 7" Brakes	290
	R.O.R TN Metric Axle Fabricated Brake Spider/Stepped Camshafts (From June 1991) 16-½" x 7" Brakes	294

VOLUME 1 INDEX

AXLES		PAGE
	EARLY TRAILER AXLES	
2.2	General Purpose Axles (Early) Haulmark/McGrath/Rockwell TL/Rubery Owen Axle - 16-½" x 7" Brakes	306
	Dana Spicer Axle Identification	310
	Dana Spicer - D21, D22, K21 & K22 16-½" x 7" Brakes	312
	Dana Spicer - Early/Standard Forge 12-¼" x 7-½" Brakes (Cast Shoes)	316
	Dana Spicer - Late/Standard Forge 12-¼" x 7-½" Brakes (Fabricated Shoes)	320
	Freighter Ingersoll(IMT) - A22H/F22H Axle 16-½" x 7" Brakes	324
	Freighter MK-V 16-½" x 7" Brakes	328
	KIC Sudisa 10000 Series Axle HDTE / Krueger / RFS Axles 16-½" x 7" Brakes	330
	KIC Sudisa 11000 Series Axle HDTE / Krueger / RFS Axles 16-½" x 7" Brakes	334
	Fruehauf Propar Axle 16-½" x 7" Brakes	338

SLACK ADJUSTER		PAGE
3.1	Manual	348
3.1	Automatic	350
	SLACK ADJUSTER SERVICE PARTS	
3.2	Yoke & Pin Assembly	352
3.3	Clevis Pin Bushes	354
3.4	Clevis Pins & Kits	356
3.5	Return Springs	358

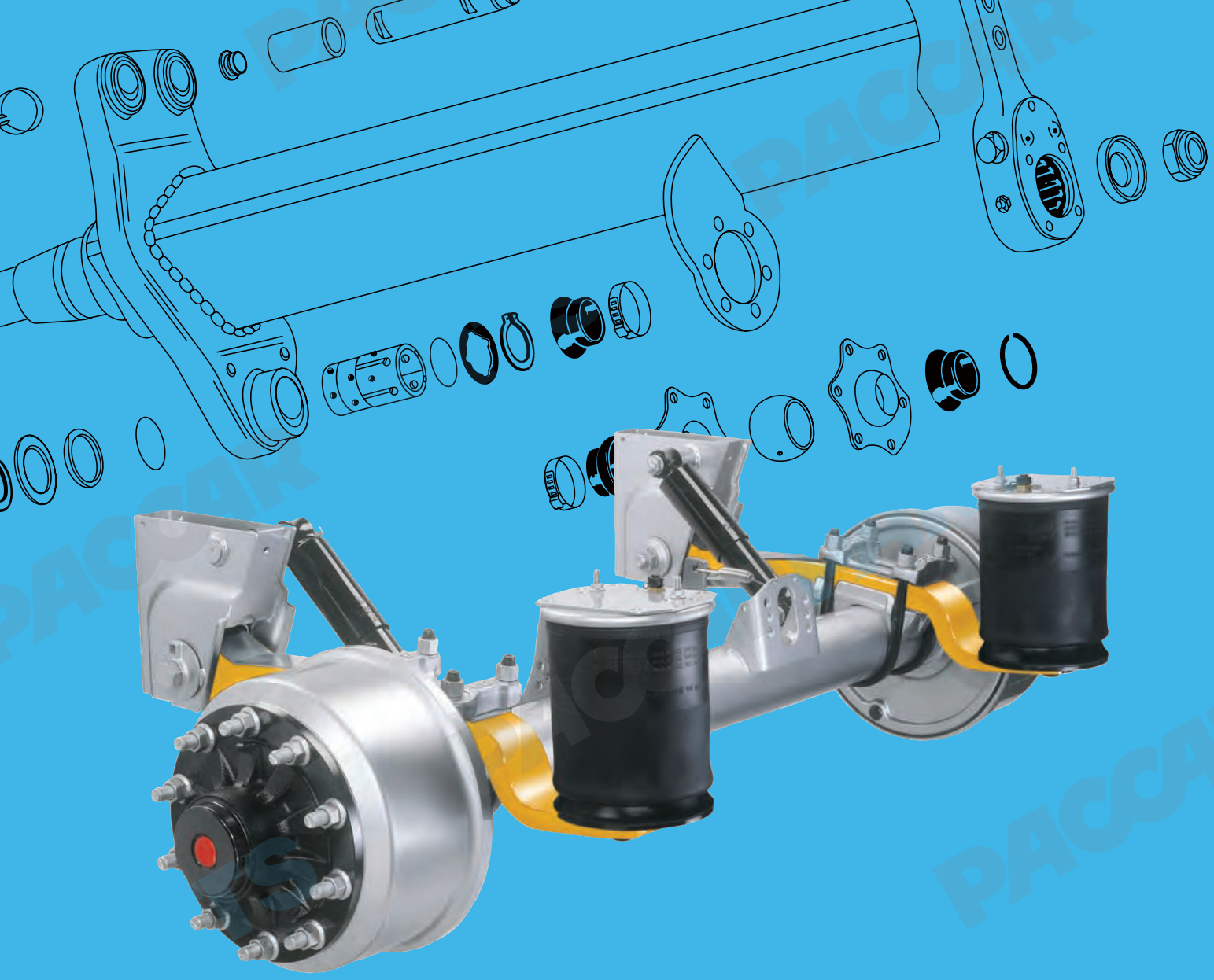
S—CAM		PAGE
4.1	S-CAM	
	10 Spline	364
	28 Spline	370
	37 Spline	372
	S-CAM TUBES & HARDWARE	
4.2	Tubes	374
4.3	Tube Kits	378
4.4	Tube Bushes	384
4.5	Retainer Plates	386
	S-CAM HARDWARE KITS	
4.6	Bush Kits	388
4.7	Washer & Clip Kits	402
	S-CAM HARDWARE	
4.8	Bushes	406
4.9	Support Brackets	414
4.10	Circlips & Retainers	418
4.11	Seals & O'Rings	420
4.12	Spacers & Washers	428

BRAKING		PAGE
	BRAKE SHOE	
5.1	Identification & Information	438
5.2	ID Tool Information	440
5.3	Fruehauf vs GP & Meritor Q vs Q Plus	444
5.4	Lined Brake Shoe Kits	447
	BRAKE SHOE HARDWARE	
5.5	Brake Shoe Hardware Kits	454
5.6	Anchor Pins & Bushes	464
5.7	Anchor Pin Associated Hardware	468
5.8	Circlips & Washers	470
5.9	Rollers, Retainers & Pins	472
5.10	Return Springs	478

METRIC CONVERSION

Inch (Fraction)	Inch (Decimal)	mm
1/64	0.0156	0.397
1/32	0.0313	0.794
3/64	0.0469	1.191
1/16	0.0625	1.587
5/64	0.0781	1.984
3/32	0.0938	2.381
7/64	0.1094	2.778
1/8	**0.125**	**3.175**
9/64	0.1406	3.572
5/32	0.1563	3.969
11/64	0.1719	4.366
3/16	0.1875	4.762
13/64	0.2031	5.159
7/32	0.2188	5.556
15/64	0.2344	5.953
1/4	**0.25**	**6.35**
17/64	0.2656	6.747
9/32	0.2813	7.144
19/64	0.2969	7.541
5/16	0.3125	7.937
21/64	0.3281	8.334
11/32	0.3438	8.731
23/64	0.3594	9.128
3/8	**0.375**	**9.525**
25/64	0.3906	9.922
13/32	0.4063	10.319
27/64	0.4219	10.716
7/16	0.4375	11.113
29/64	0.4531	11.509
15/32	0.4688	11.906
31/64	0.4844	12.303
1/2	**0.5**	**12.7**

Inch (Fraction)	Inch (Decimal)	mm
33/64	0.5156	13.097
17/32	0.5313	13.494
35/64	0.5469	13.890
9/16	0.5625	14.287
37/64	0.5781	14.684
19/32	0.5938	15.081
39/64	0.6094	15.478
5/8	**0.625**	**15.875**
41/64	0.6406	16.272
21/32	0.6563	16.669
43/64	0.6719	17.065
11/16	0.6875	17.462
45/64	0.7031	17.859
23/32	0.7188	18.265
47/64	0.7344	18.653
3/4	**0.75**	**19.05**
49/64	0.7656	19.447
25/32	0.7813	19.884
51/64	0.7969	20.240
13/16	0.8125	20.637
53/64	0.8281	21.034
27/32	0.8438	21.431
55/64	0.8594	21.828
7/8	**0.875**	**22.225**
57/64	0.8906	22.622
29/32	0.9063	23.019
59/64	0.9219	23.415
15/16	0.9375	23.812
61/64	0.9531	24.209
31/32	0.9688	24.606
63/64	0.9844	25.003
1	**1**	**25.4**



The following section will provide you with a comprehensive breakdown of popular axle assemblies used in Australia, New Zealand and Papua New Guinea. Facing some of the harshest road conditions in the world, your equipment requires regular maintenance & high quality parts.

At PACCAR Parts, Uptime is paramount, which is why we have partnered with axle manufacturers who independently test to meet ADR & internationally recognised standards, to guarantee reliability and safety.

AXLE

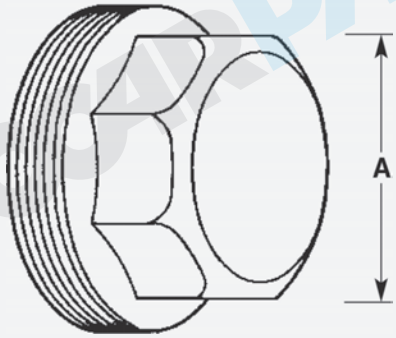
HUBCAP GUIDE	18	**EARLY TRAILER AXLE**	303
BPW	27	GENERAL PURPOSE	306
FUWA K HITCH	69	DANA SPICER	310
YORK	135	FREIGHTER	324
SAF HOLLAND	177	KIC SUDICA	330
HENDRICKSON	211	FRUEHAUF	338
MERITOR	269		

TO VIEW THE DIGITAL VERSION OF THE PACCAR PARTS TRAILER CATALOGUE SCAN HERE!



AXLE IDENTIFICATION
HUB CAP GUIDE

To assist with axle identification with some of the older axles still in use on the road, this quick reference hub cap guide including cap dimensions will help you identify the axle brand or type when axle ID tags are missing or illegible.

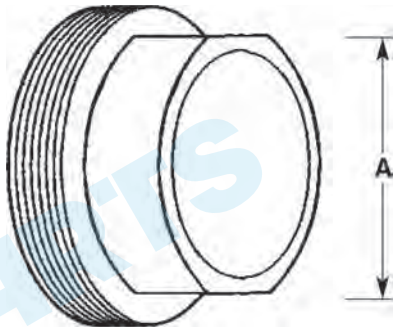


BPW OLD GENERATION
GREASE HUB

Steel Hexagonal Cap with External Thread

125mm O/D x 3mm Pitch Thread
A = 110mm 20" Axle

115mm O/D x 3mm Pitch Thread
A = 95mm 15" Axle



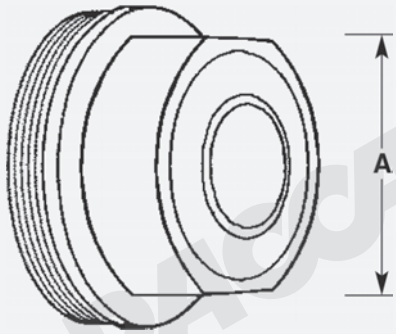
BPW NEW GENERATION
GREASE HUB

Steel Oval Type Cap with External Thread

125mm O/D x 2mm Pitch Thread
A = 110mm 20" H&R 9100 & H&R 10000 Axle

115mm O/D x 2mm Pitch Thread
A = 95mm 20" H9000 Lightweight Axle

15" NR9000 Axle



BPW NEW GENERATION
OIL HUB

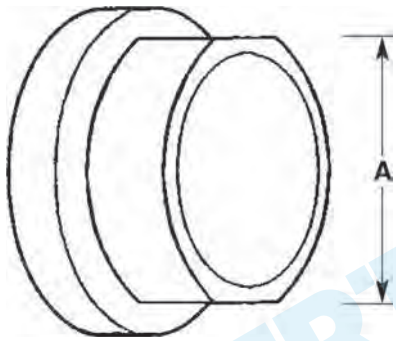
Alloy Oval Type Cap with Window & External Thread

125mm O/D x 2mm Pitch Thread
A = 110mm 20" H&R 9100 & H&R 10000 Axle

115mm O/D x 2mm Pitch Thread
A = 95mm 20" H9000 Lightweight Axle

15" NR9000 Axle

**NOTE: Early Oil Hubs had a Red Plastic Hexagonal Cap.*



BPW ECO & ECO PLUS HUB
ECO Introduced 1997
ECO PLUS Introduced 2009

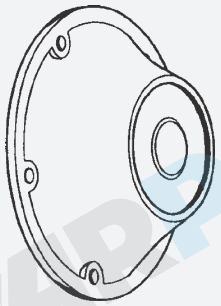
Steel Oval Type Cap with Internal Thread

135mm I/D x 2mm Pitch Thread
A = 110mm 20" H&R 9100 & H&R 10000 Axle

125mm I/D x 2mm Pitch Thread
A = 110mm 20" H9000 Lightweight Axle

15" NR9000 Axle

AXLE IDENTIFICATION
HUB CAP GUIDE



FREIGHTER MK-V

Alloy Hub Cap 5-Hole
7-½" O/D – 6-⅜" PCD



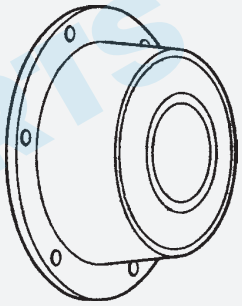
PROPAR STYLE

This axle uses Parallel Bearing Combination.
Hard Wearing Plastic Cap with External Thread

or

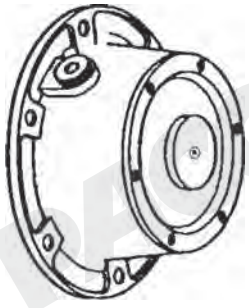
Pressed Metal Cap with External Thread
6-¼" – 8 Thread

USED ON FRUEHAUF, Holland PROPAR, Fuwa K Hitch, York Outback Axles



GENERAL PURPOSE
GREASE HUB

Pressed Metal or Alloy 5 or 6 Hole Hub Cap
6-¼" O/D – 5-½" PCD



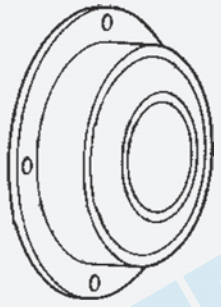
GENERAL PURPOSE
OIL HUB

Alloy 3, 5 or 6 Hole Hub Cap with Window

6" O/D – 5-¼" PCD - 3 Hole
To suit early Freuhauf Round & I Beam Axles NLA

6-¼" O/D – 5-½" PCD - 5 & 6 Hole GP Hubs

7-½" O/D – 6-¾" PCD - 6 Hole Conmet Alloy Hub
used on some PROPAR Axles

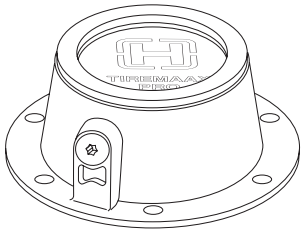
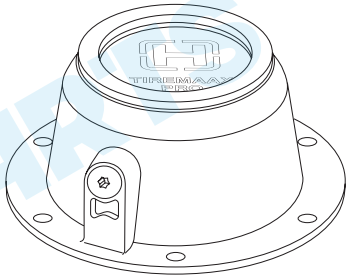


McGRATH

Alloy or Steel 4 Hole Hub Cap
6-⅞" O/D – 6-⅛" PCD

AXLE IDENTIFICATION
HENDRICKSON HUB CAP GUIDE

TIREMAAX HUBCAPS

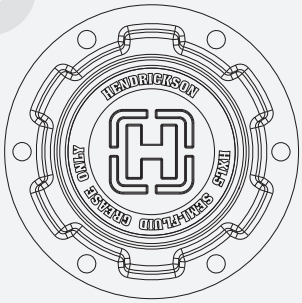
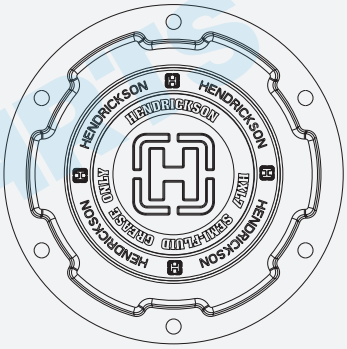
ITEM NO.		PART NO.	SPINDLE	BEARING	DESCRIPTION	NOTES
	1	97453-008		Conventional	TIREMAAX Hubcap Decal	
		97453-009		PreSet		
		97453-015		HXL2		
		97453-011		HXL5		
		97453-010		HXL7		
	2	C-32055-4	HN		TIREMAAX Hubcap	Single Wheel, without Decal
		VS-32055-3			Kit, TIREMAAX Hubcap	Dual Wheel without Decal Includes Gasket & Bolts
		C-32055-3			TIREMAAX Hubcap	Dual Wheel, without Decal
		C-32056-4	HP			Single Wheel, without Decal
		C-32056-3				Dual Wheel, without Decal

HUBCAPS DECALS

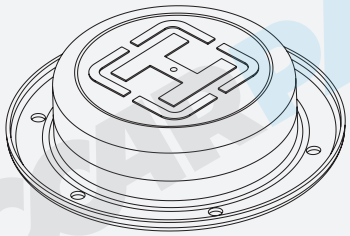
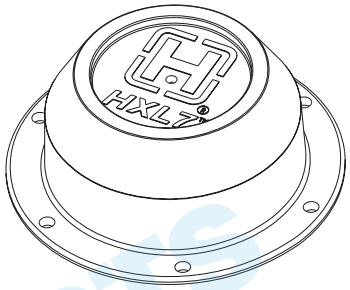
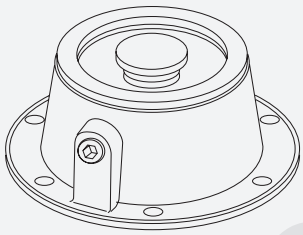
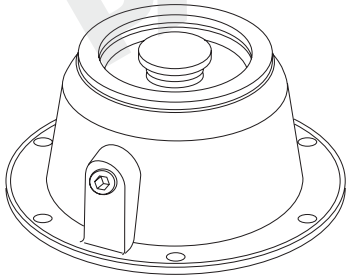
ITEM NO.		PART NO.	BEARING	DESCRIPTION	NOTES
	3	97453-004	HXL7	Hubcap Decal	Without TIREMAAX
		97453-012	HXL5		
		97453-014	HXL2		
		97453-006	PreSet		
		97453-007	Conventional		

AXLE IDENTIFICATION
HENDRICKSON HUB CAP GUIDE

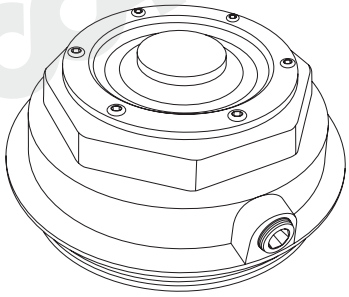
HUBCAPS

ITEM NO.		PART NO.	SPINDLE	BEARING	CHROME	DESCRIPTION
 	4	98846-036P	HP	HXL7		HXL7 Standard Hubcap
		98846-037P			X	HXL7 Chrome Hubcap
		98846-061P		HXL5		HXL5 HP Standard Hubcap
		98846-062P			X	HXL5 HP Chrome Hubcap
		98846-063P	HN			HXL5 HN Standard Hubcap
		98846-064P			X	HXL5 HN Chrome Hubcap
		98846-059P	HP	HXL2		HXL2 HP Standard Hubcap
		98846-060P			X	HXL2 HP Chrome Hubcap
		98846-057P	HN			HXL2 HN Standard Hubcap
		98846-058P			X	HXL2 HN Chrome Hubcap
		98846-038P	HP	PreSet		PreSet HP Standard Hubcap
		98846-039P			X	PreSet HP Chrome Hubcap
		98846-044P	HN			PreSet HN Standard Hubcap
		98846-040P	HP	Conventional		Conventional HP Standard Hubcap
		98846-041P			X	Conventional HP Chrome Hubcap
		98846-046P	HN			Conventional HN Standard Hubcap
		98846-047P			X	Conventional HN Chrome Hubcap

AXLE IDENTIFICATION
HENDRICKSON HUB CAP GUIDE

HUBCAPS							
ITEM NO.		PART NO.	SPINDLE	BEARING	CHROME	DESCRIPTION	NOTES
	5	S-32629-1	HP	Any		Pressed Steel HP Hubcap	Global Product
	6	C-34434	HP	HXL7		Cast Aluminium HP Hubcap	Global Product
	7	98796-002	HN	Oil		Stemco Oil Fill HN Hubcap	
	8	98920-002	HP	Oil		Stemco Oil Fill HP Hubcap	

AXLE IDENTIFICATION
HENDRICKSON HUB CAP GUIDE

TOOWOOMBA SCREW-ON HUBCAPS				
	ITEM NO.	PART NO.	DESCRIPTION	NOTES
	9	98846-005	Screw-on Hubcap to Suit Toowoomba Hub	Includes Window & O-Ring Seal, Item 10
	10	98920-001	Window to Suit Toowoomba Screw-on Hubcap	With O-Ring Seal & Gasket, Part of Item 9

TRANSPEC

AXLE IDENTIFICATION 28
FOR AUSTRALIAN ASSEMBLED AXLES

OLD GENERATION 20″ 32
420 x 180mm BRAKES

NEW GENERATION H91, H10, R10 36
420 x 180mm BRAKES

9000 LIGHTWEIGHT AXLE 40
420 x 180mm BRAKES

KH/KR AXLE (19.5″) 44
360 x 200mm BRAKES

ECO HUB KH/KR AXLE (19.5″) 48
360 x 200mm BRAKES

ECO HUB 9 TONNE 9010 50
HZA-ZM & HAS-SM AXLE 420 x 180mm BRAKES

ECO HUB 10 TONNE 9110 52
HZA-ZM & HAS-SM AXLE

ECO HUB DISC BRAKE AXLE 54
9 TONNE

ECO PLUS HUB - H/R, KH 56
9 & 10-12 TONNE 420 x 180mm BRAKES

ECO PLUS HUB - DISC BRAKE AXLE 58
10-12 TONNE

ECO PLUS 3 HUB - H/R, KH 62
10-12 TONNE 420 x 180mm BRAKES

ECO PLUS 3 HUB DISC BRAKE 64
10-12 TONNE

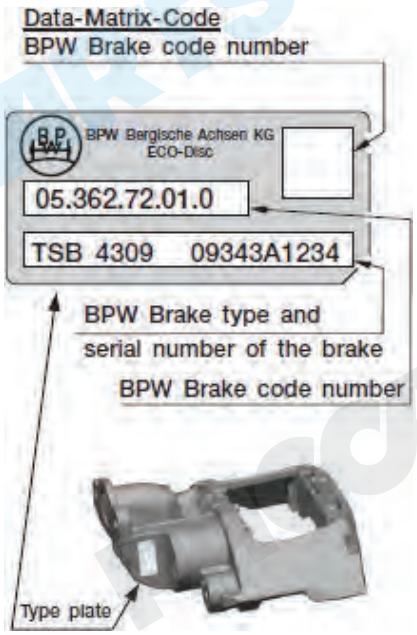
AXLE IDENTIFICATION
FOR AUSTRALIAN ASSEMBLED AXLES

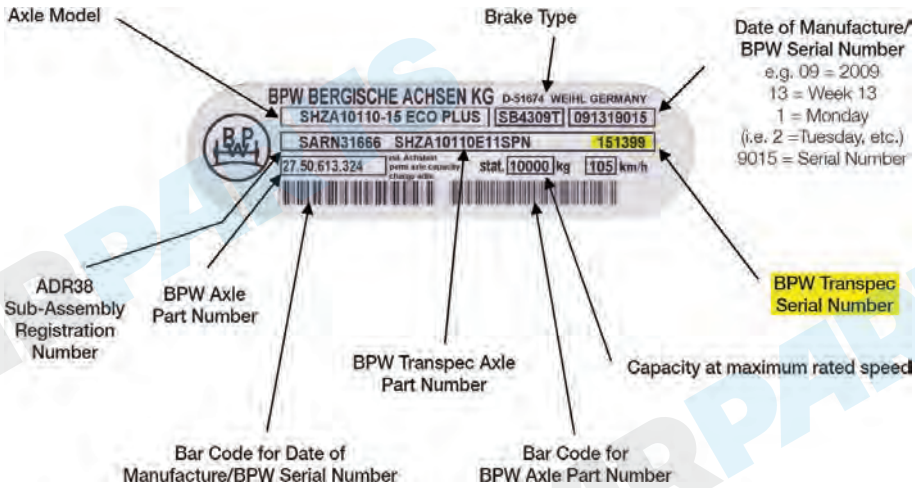
DRUM BRAKE AXLE RANGE						
MODEL RANGE	**AXLE BEAM PROFILE**	**BEAM OPTIONS**	**TYRE SIZE**	**BRAKE TYPE**	**BRAKE SIZE**	**HUB OPTIONS**
H/R Series	H – Square Beam R – Round Beam	120mm Square 150mm Square 127mm Round	20"/22.5"	SN4218	Ø420x180mm	10 Stud 335 PCD 10 Stud 285 PCD Spider
KH Series	KH – Square Beam	120mm Square	19.5"	SN3620	Ø360x200mm	8 Stud 275 PCD 10 Stud 225 PCD
NH/NR Series	KH – Square Beam NR – Round Beam	120mm Square 127mm Round	15"/17.5"	SN3020	Ø300x200mm	10 Stud 225 PCD Spider

DIFFERENT HUB GENERATIONS		
HUB TYPE	**AXLE LOAD**	**DATE RANGE**
Conventional	9 & 10–12 Tonne	198 – Late 1996
ECO	9 & 10–12 Tonne	Late 1996 – Late 2008
ECO Plus	9 & 10–12 Tonne	2009 – Late 2018
ECO Plus 3	9 & 10–12 Tonne	Late 2018 – Present

TSB DISC BRAKE RANGE			
AXLE CODE	**DATE RANGE**	**AXLE TYPE**	**BRAKE SIZE**
SH10110	From May 2010	10 / 12 Tonne ECO Plus	TSB4309 Suits 20" Tyres
SKH10108	From January 2011		TSB3709 Suits 19.5" Tyres

TSB DISC BRAKE RANGE	
AXLE TYPE	**ROTOR DIAMETER**
SK...	374mm
SH...	430mm

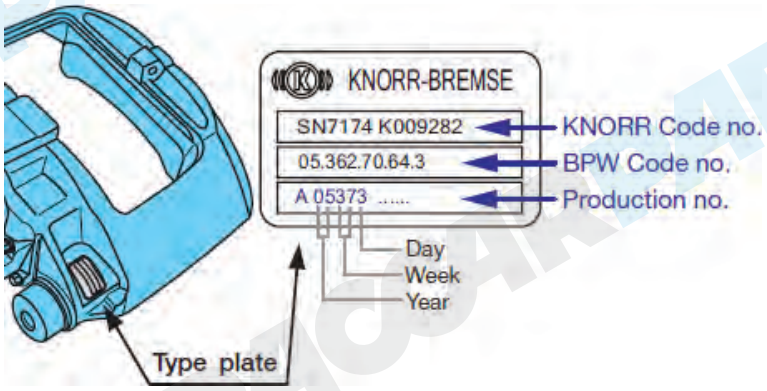




NOTES

KNORR DISC BRAKE RANGE			
AXLE CODE	**DATE RANGE**	**AXLE TYPE**	**BRAKE SIZE**
SH9010	Up to February 2004	9 Tonne ECO	SB3745
SKH9008			
SKH9008	February 2004 to August 2008	9 Tonne ECO Plus	SB3745T Suits 19.5" Tyres
SH9010			SB4309T Suits 20" Tyres
SH10110	From August 2008	10 Tonne ECO Plus	SB4309T Suits 20" Tyres
SKH10108			SB3745T Suits 19.5" Tyres

KNORR DISC BRAKE RANGE	
AXLE TYPE	**ROTOR DIAMETER**
SK...	377mm
SH...	430mm



AXLE BEAM PROFILE	
NR	Round Beam 127mm, 15" Tyres
H	Square Beam 120mm & 150mm, 20" Tyres
R	Round Beam 127mm, 20" Tyres
KH	Square Beam 120mm, 19.5" Tyres
SH	Square Beam 120mm, 20" Tyres
SKH, SK	Square Beam 120mm, 19.5" or 20" Tyres
NH	Square Beam 120mm, 15"/17.5" Tyres

BEARING COMBINATION	
90	9 Tonne Bearing Combination, 120mm Square or 127mm Round Axle Beam
91	10-12 Tonne Bearing Combination, 120mm Square Axle Beam
100	10-12 Tonne Bearing Combination, 150mm Square or 127mm Round Axle Beam
101	10-12 Tonne Bearing Combination, 120mm Square Axle Beam, ECO Plus, ECO Plus 3

BRAKE SIZE	
A	Drum Brake Ø420x180mm, Suits 20" Tyres
B	Drum Brake Ø360x200mm, Suits 19.5" Tyres
C	Drum Brake Ø300x200mm, Suits 15" Tyres
D	Disc Brake SB3745 (Knorr Caliper), Ø370mm Rotor, Suits 19.5" & 20" Tyres
E	Disc Brake SB4309T (Knorr Caliper), Ø430mm Rotor, Suits 20" Tyres
F	Disc Brake SB3745T (Knorr Caliper), Ø370mm Rotor, Suits 19.5" Tyres
G	Disc Brake TSB4309 (Knorr Caliper), Ø430mm Rotor, Suits 20" Tyres
H	Disc Brake TSB3709 (Knorr Caliper), Ø370mm Rotor, Suits 19.5" Tyres

H	ZA	101	10	A	11	S	P	S	N

HUB	
ZA	10 Stud 285 PCD Dual Wheel, Spigot Mount
ZM	10 Stud 335 PCD, 8 Stud 275 PCD, 10 Stud 225 PCD Dual Wheel, Spigot Mount
SA	10 Stud 285 PCD Single Wheel, Spigot Mount
SM	10 Stud 335 PCD Single Wheel, Spigot Mount
XZ	Spider Dual Wheel
X	Spider Single Wheel

WHEEL FIXING	
00	Spider
08	8 Stud
10	10 Stud

HUBCAP TYPE	
S	Standard
H	Hubodometer

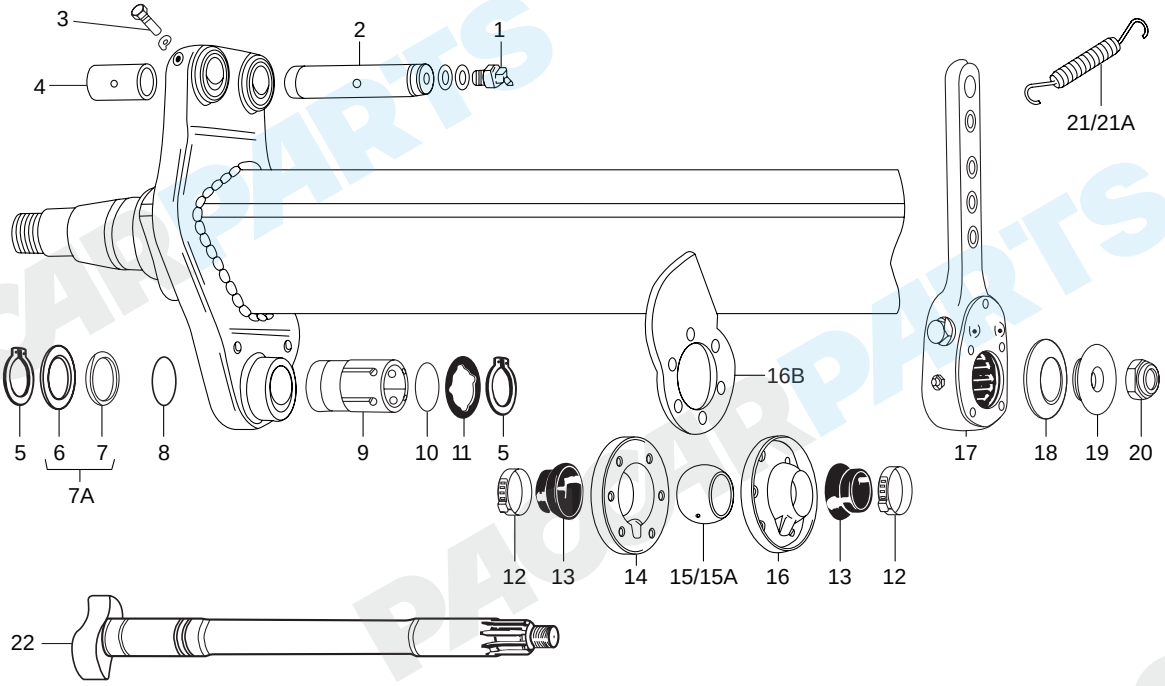
SLACK ADJUSTER	
S	Manual Slack Adjusters
M	Manual Slack Adjusters with Multihole
A	Automatic Slack Adjusters

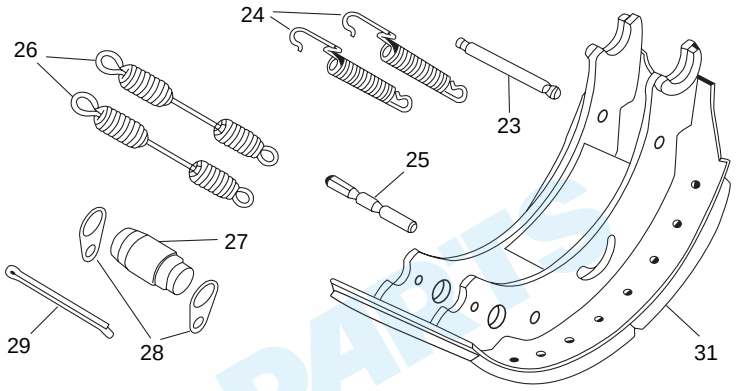
SERIAL NO.	
00	Consecutive Serial No. 00-99
99	

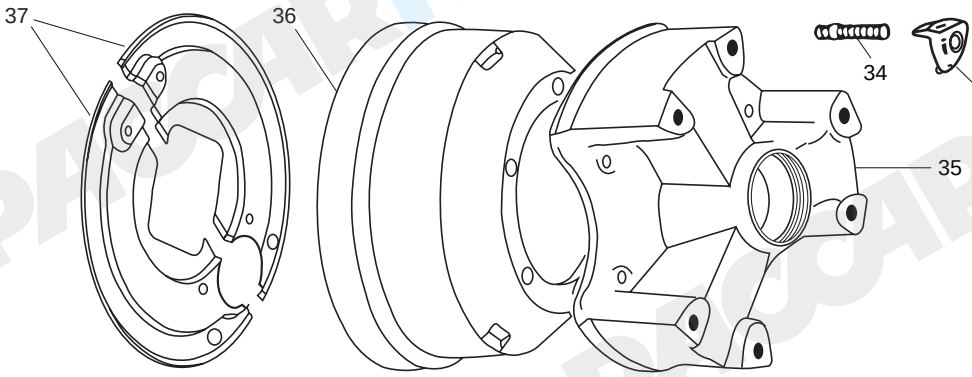
HUB LUBRICATION	
G	Grease, Conventional Hub
O	Oil, Conventional Hub
B	Grease with Oil Seal, Conventional Hub
E	ECO Hub, Grease
M	ECO Hub, Grease Push it Studs (ECO MAXX)
P	ECO Plus Hub, Grease
T	ECO Plus Hub 3

ABS	
N	No ABS Fitted
A	ABS Fitted

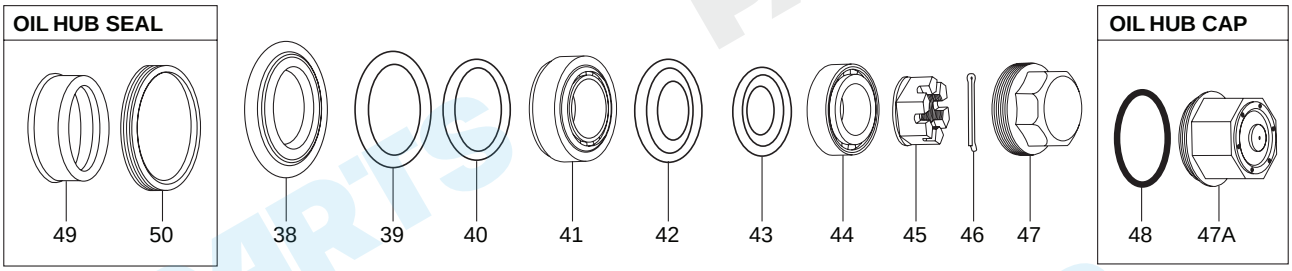
OLD GENERATION 20"
420 x 180mm BRAKES







OIL HUB SEAL



OIL HUB CAP

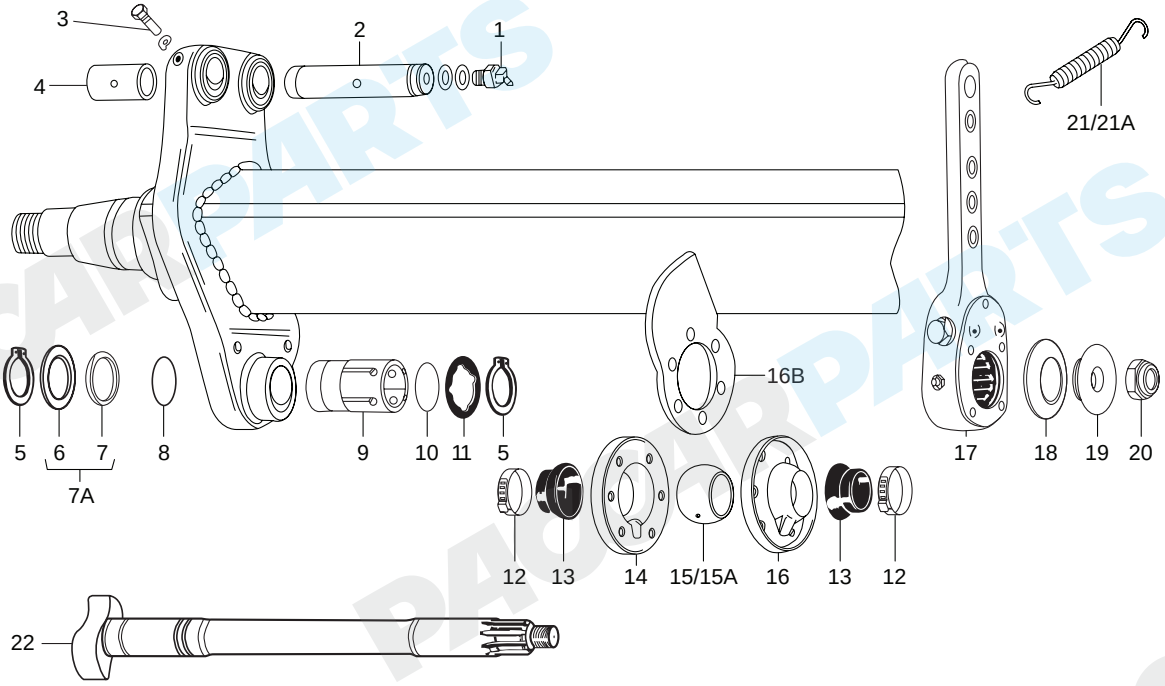
OLD GENERATION 20"
420 x 180mm BRAKES

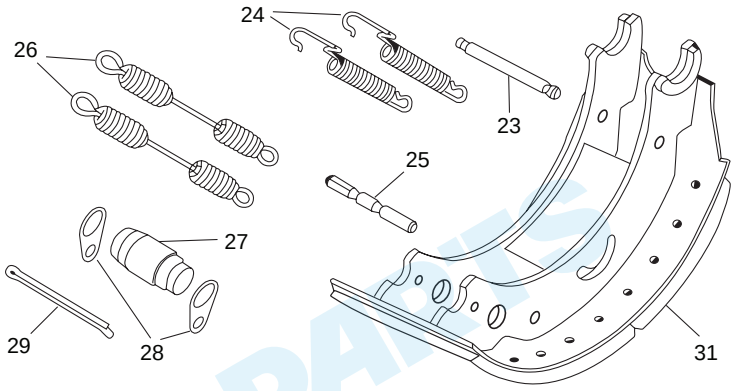
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	T02-3223	Grease Nipple	Also Used to Retain Dustcover	4
2	0308446220	Anchor Pin		4
3	T02-3224	Anchor Pin Locator Bolt		4
4	0311233080	Anchor Pin Bush		4
5	T02-3153	Circlip		4
6	NA	Washer - Camshaft 42 x 46 x 7 New	Use 'S' Cam Washer & Seal Kit	2
7		Ring		2
7A		Scam Washer & Seal Kit		2
8	0256792300	O-Ring (Green)		2
9	0311244340	Bush		2
10	0256773742	O-Ring (Black)		2
11	0312042020	Seal	Black Nylon	2
12	0335030020	Clamp		4
13	0312043190	Dust Boot	41mm ID	4
14	NA	Retainer Plate		2
15	NA	'S' Cam Bush	Nylon	2
15A	0311314040	'S' Cam Bush	Steel	2
16	NA	Retainer Plate		2
16B	0328555490	Axle Bracket		2
17	0517452610	Slack Adjuster	5 Hole, 10 Spline Aftermarket PN WT5022	2
18	NA	Dished Washer		2
19	0332011161	Stepped Washer		2
20	0526014120	Lock Nut		2
21	T02-7379	Slack Adjuster Return Spring	O.A.L. 148mm	4
21A	T02-7378	Slack Adjuster Return Spring	O.A.L. 230mm	4
22	0509705174	LH 'S' Cam		1
	0509705184	RH 'S' Cam		1
23	T02-3466	Retainer Pin		4
24	0339734110	Return Spring Anchor Pin End	2 per Wheel	8
25	0300108050	Retainer Pin		4
26	T02-3468	Return Spring Roller End	2 per Wheel	2
27	NA	'S' Cam Roller	Ø 32 / Ø 42 x 76mm	4
28	0323213020	Roller Retainer Plate		4
29	0262020401	Split Pin	90mm x 10mm	4
31	NA	Lined Brake Shoe	Use Conversion Kit to Brake 95 PN 0509146321	2
32	T04-6002	Wheel Nut		12
33	T04-6051	Wheel Clamp		12
34	T04-6001	Wheel Stud		12
35	NA	3 Spoke Hub		2
36	NA	Brake Drum - 6 Stud		2
37	RPS	Dust Covers	Refer to Dust Cover Section[1]	2
38	0537007130	Seal Carrier	To Suit Grease Hub	2
39	0331098140	Inner Grease Seal	165mm OD x 119mm ID	2

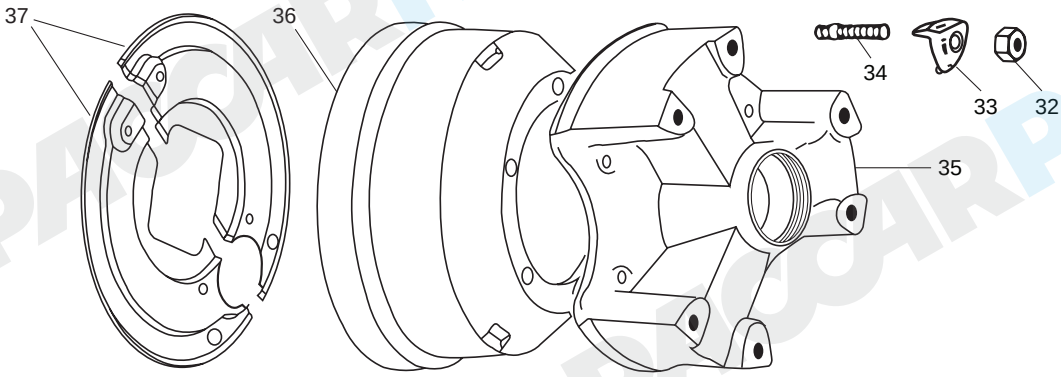
1: paccarparts.com.au/trailer

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

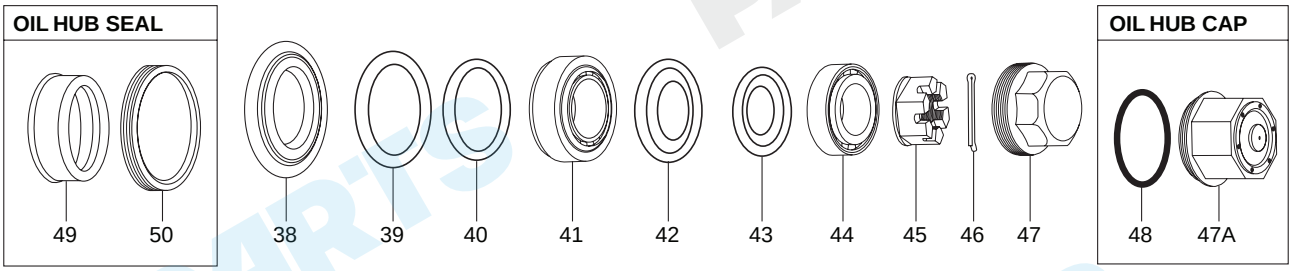
OLD GENERATION 20" CONTINUED
420 x 180mm BRAKES







OIL HUB SEAL

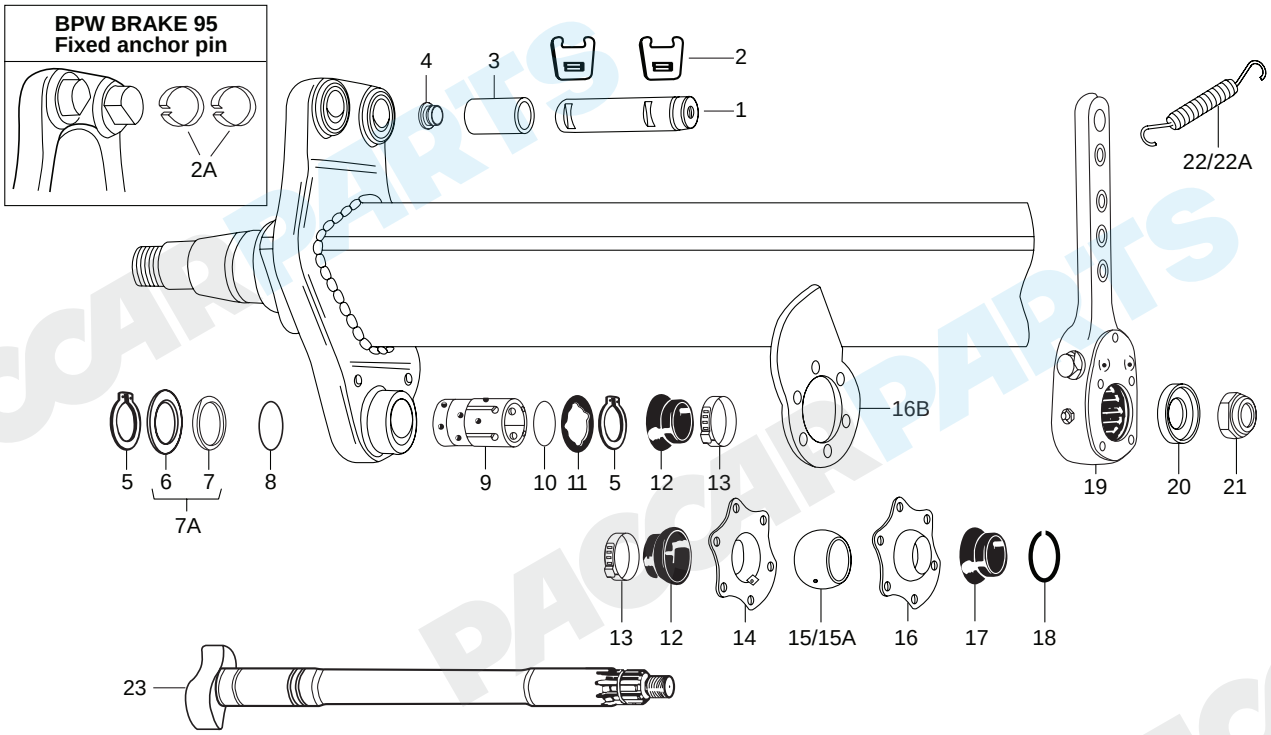


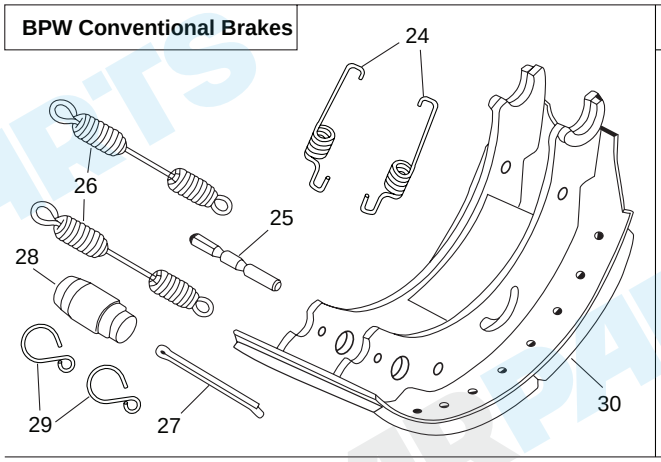
OIL HUB CAP

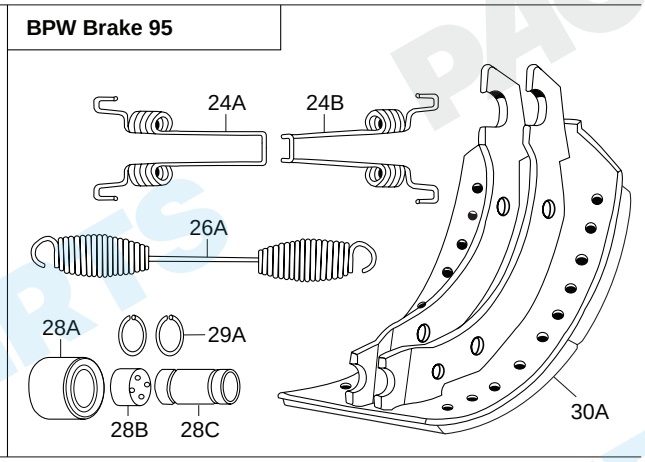
OLD GENERATION 20" CONTINUED
420 x 180mm BRAKES

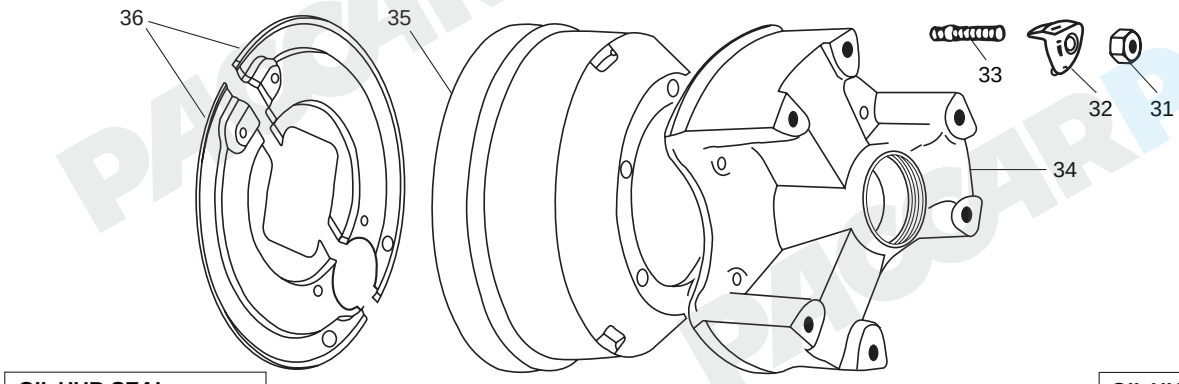
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
40	0331097150	Outer Grease Seal	155mm OD x 113mm ID	2
41	33217T1M	Inner Bearing Assembly		2
42	0301005170	Inner Dust Cover	120mm x 166mm	2
43	0301004080	Outer Dust Cover	115mm x 156mm	2
44	33213T1M	Outer Bearing Assembly	Can Use 0264102200	2
45	0326217080	Axle Nut		2
46	0262018401	Split Pin	63mm x 8mm	2
47	0321224020	Hub Cap	Grease	2
47A	NA	Hub Cap	Stemco Oil Cap	2
48	0256785300	Hub Cap O-Ring		2
49	NA	Seal Carrier (Stemco)		2
50	T04-4498	Oil Seal (Stemco)	Oil Conversion Kit	2
KIT PART NUMBER LISTING				
KIT	0509700K1T	'S' Cam Bush Kit		1
	0980108850	'S' Cam Washer & Clip Kit		2
	0509146321	Brake Shoe 95 Conversion Kit		4

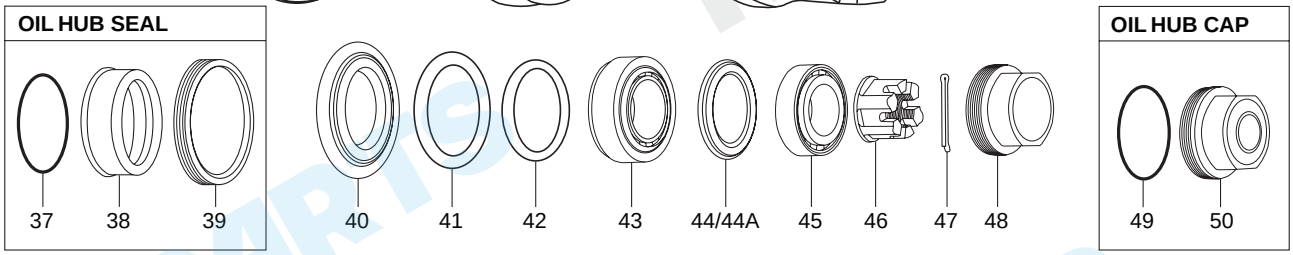
NEW GENERATION H91, H10, R10
420 x 180mm BRAKES









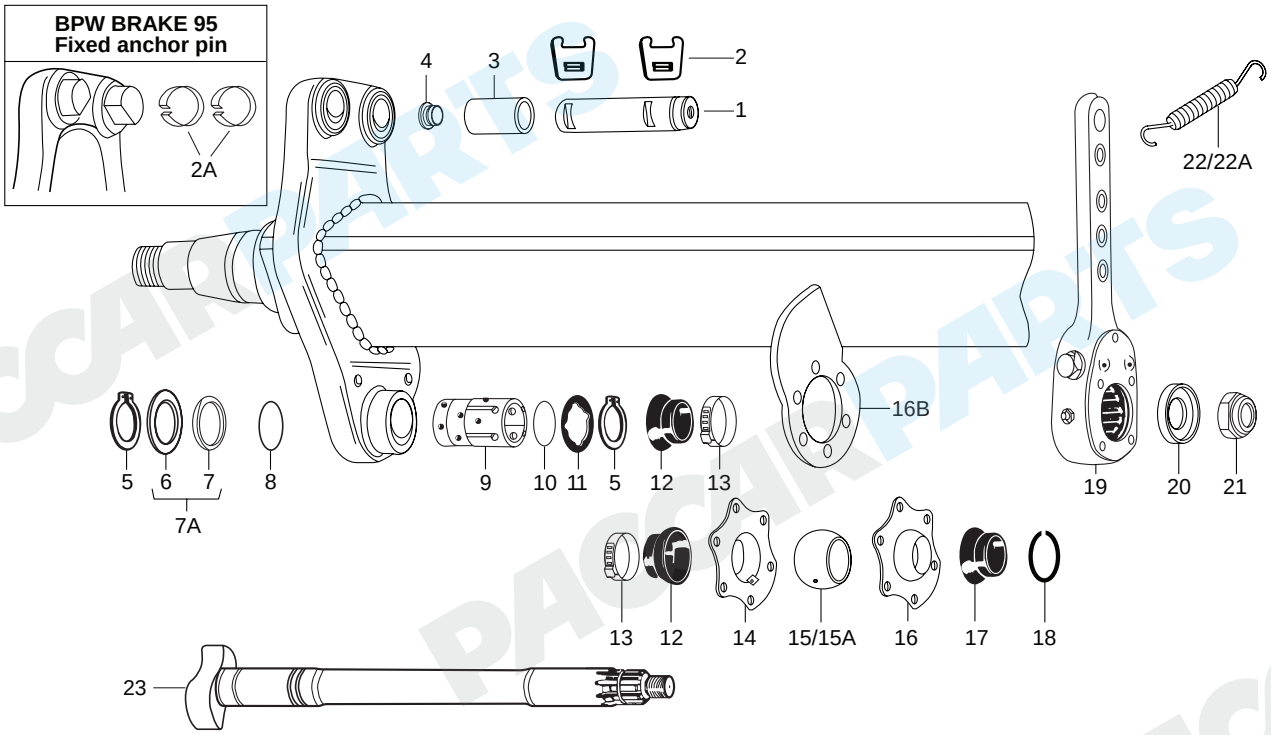


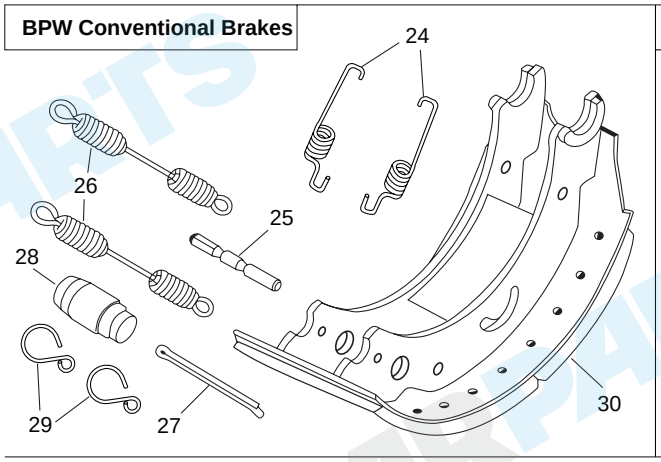
NEW GENERATION H91, H10, R10
420 x 180mm BRAKES

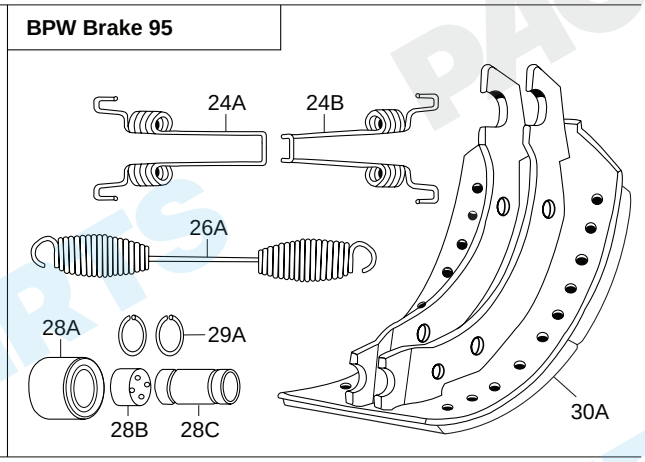
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	0308446220	Pin Anchor		4
2	0316723020	Distance Plate		8
2A	0318802020	Ring - Anchor End C-Clip	Brake 95	8
3	0311233080	Bush - 36 x 50 x 60 Anchor Pin		4
4	NA	Anchor Pin Plug		4
5	0256760100	Circlip	To Suit 42mm Shaft	4
6	NA	Washer - Camshaft 42 x 46 x 7 New	Use 'S' Cam Washer & Seal Kit	2
7		Ring		2
7A		Scam Washer & Seal Kit		2
8	0256792300	O-Ring		2
9	0311244340	Bush - Cam Outer Bronze		2
10	0256773742	O-Ring 37 x 2.6		2
11	0312042020	Seal	Black Nylon	2
12	0312043190	Boot - 'S' Cam Dust Seal	41mm ID	4
13	0335030020	Clamp - 'S' Cam Boot		2
14	0322902190	Bearing Box	Suits Steel or Nylon Bush	2
15	NA	Bush - 'S' Cam Inner	Nylon	2
15A	0311314040	Bush	Steel	2
16	0322902180	Bearing Box	Suits Steel or Nylon Bush	2
16B	0328555490	Bracket - Camshaft HXZ9		2
17	0312043100	Seal-Dust Camshaft Small Blue	34mm ID	2
18	0256160590	Circlip - Camshaft	37mm ID	2
19	0517452610	Slack Adjuster	5 Hole, 10 Spline	2
20	0332011161	Disc		2
21	0526014120	Hexagon Nut		2
22	0539726030	Return Spring	O.A.L. 148mm	4
22A	0539726020	Return Spring	O.A.L. 230mm	4
23	0509705234	'S' Cam A=522.5mm L=643mm LH	To 1994 Except Airbag Suspension	1
	0509705244	'S' Cam A=522.5mm L=643mm RH		1
	0509705254	'S' Cam A=547.5mm L=666mm LH	From 1994 Includes Airbag Suspension	1
	0509705264	'S' Cam A=547.5mm L=666mm RH		1
24	0339744060	Return Spring Anchor Pin End	4 per Wheel	8
24A	0339733130	Spring-Brake Shoe Positioning	Brake 95	2
24B	0339733120	Spring-Brake Shoe Positioning	Brake 95	2
25	0300108050	Pin - 12 x 100	Kit PN (0509126642)	4
26	0539746070	Spring Return 4218	2 per Wheel	4
26A	0539758040	Spring Return H/D 4218 B95	Brake 95	4
27	0262016603	Split Pin - 6.3 x 90	90mm x 6.3mm	4
28	0333134050	Roller 26 x 42 x 78	Standard	4
	T02-3435-1	Roller - 'S' Cam BPW New Gen	3mm O/S	4
	T02-3435-2	Roller - 'S' Cam BPW New Gen	6mm O/S	4
28A	0533144020	Camshaft Roller - C/With Bush	Brake 95 Includes item 28B	4
28B	0311200620	Bush - Cam Roller 95 Brake	Brake 95	4
28C	0308475240	Shaft - Roller 95 Brake	Brake 95	4
29	0335000130	Retainer - Roller (0333134050)		8
29A	0331070150	Ring - Roller Ret Brake 95	Brake 95	8

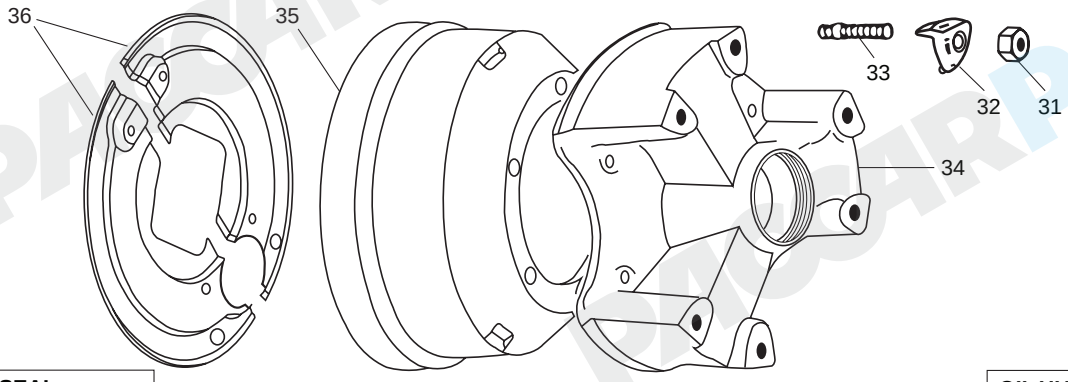
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

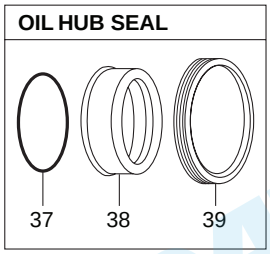
NEW GENERATION H91, H10, R10 CONTINUED
420 x 180mm BRAKES

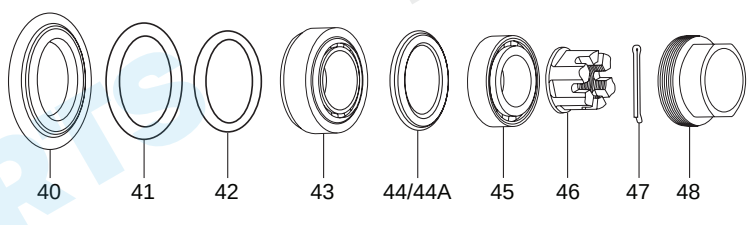


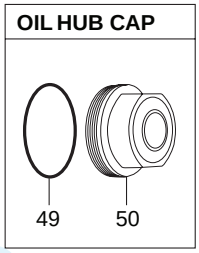












NEW GENERATION H91, H10, R10 CONTINUED
420 x 180mm BRAKES

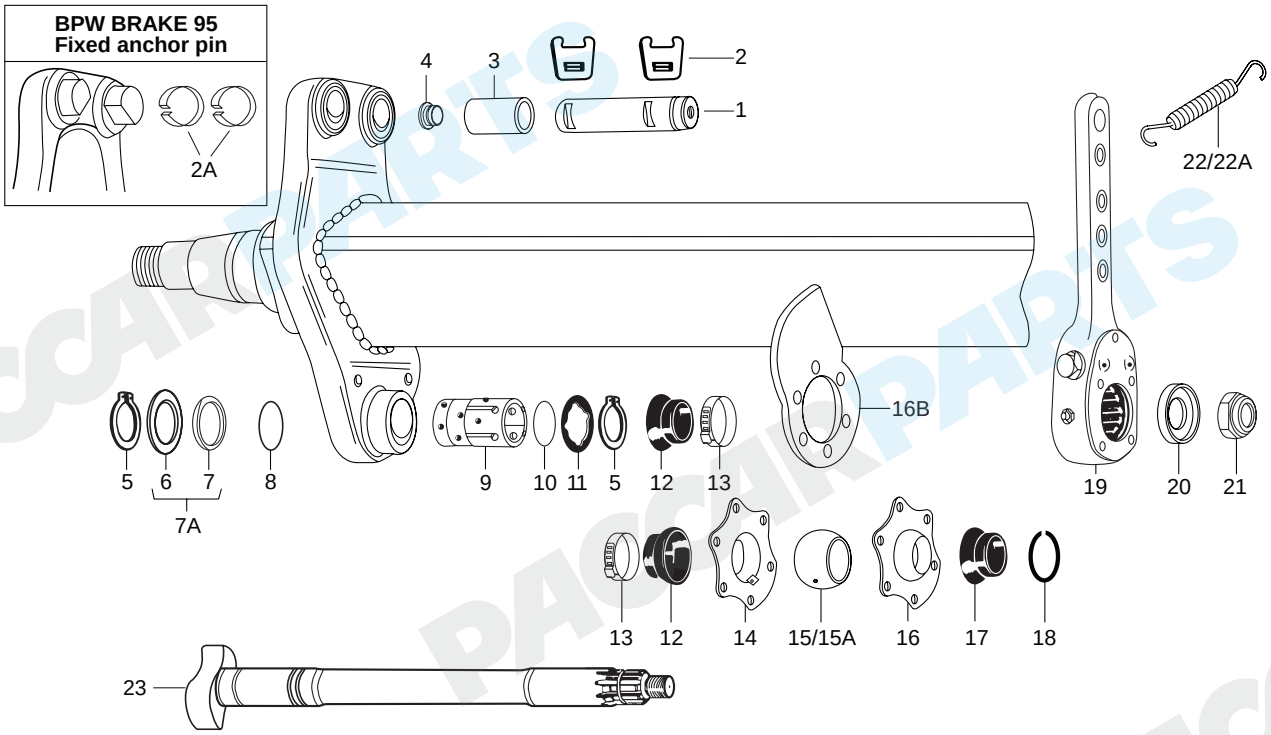
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
30	098064218BHNG	Lined Brake Shoe Kit	Conventional Brake - Services 1 Wheel (Inc h/w)	2
30A	098064218BH95	Lined Brake Shoe Kit	Brake 95 – Services 1 Wheel - Inc Hardware	2
31	T04-6002	Nut-Wheel ¾" GR8 - Equivalent WP148	Can use 0326003040	12
32	0337203020	Clamp Spider Wheel EH&H		12
33	T04-6001	Stud-Wheel 3-⅛" x ¾"	Can use 0334073071	12
34	0332876510	Hub 3 Spoke Spider	Supersedes to EcoPlus 3 Hub Use conversion kit PN 0980107092C0NVTS	2
35	0310967810	Brake Drum	6 Hole	2
36	RPS	Dust Covers	Refer to Dust Cover Section[1]	2
37	0256780000	O-Ring 100 x 3 S/Car 7470 7620T	To Suit Oil Seal Carrier	2
38	0337007470H	Seal Carrier- H91 Oil Face Hard		2
39	0256644657	Seal - Oil 145 x 167 x 13		2
40	0537007430	Seal Carrier		2
41	0331098210	Seal-Grease 129 x 165 Inner H9 & 10	165mm OD x 128mm ID	2
42	0331097300	Seal-Grease 120 x 157 Outer H9 & 10	157mm OD x 120mm ID	2
43	33118T1M	Bearing	Can use 0264102300	2
44	0331098240	Seal-Dust Nylon Oil	To Suit Oil Hub	2
44A	0301005220	Dustcover - Grease Shield	To Suit Grease Hub	2
45	33213T1M	Bearing	Can use 0264102200	2
46	0326217120	Nut-Axle M52 x 2 SW80 BPW Shape		2
47	0262018401	Split Pin	63mm x 8mm	2
48	0321224070	Hubcap - 125 x 2 Nr, R, H9 & 10	Grease Hub	2
49	0256785300	O-Ring - 120 x 3 - 0321209040	Oil Hub	2
50	NA	Hub Cap - Oil	Can use Grease Hub 9T-0321223090 or 10T-0321224070	2

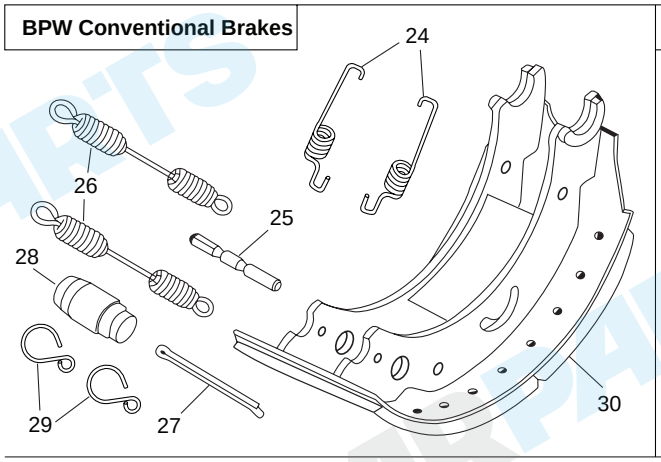
KIT PART NUMBER LISTING				
KIT	0509700K1T	'S' Cam Bush Kit	Services 1 Axle	1
	0980108850	'S' Cam Washer & Clip Kit	Services 1 'S' Cam	2
	098064218BH95	Lined Brake Shoe Kit	Brake 95 - Services 1 Wheel - Inc Hardware	2
	098064218BHNG		Conventional Brake - Services 1 Wheel (Inc h/w)	2
	T02-3484	Brake Spring Kit	Brake 95 – Services 1 Axle can use PN 4218SPK1T	1

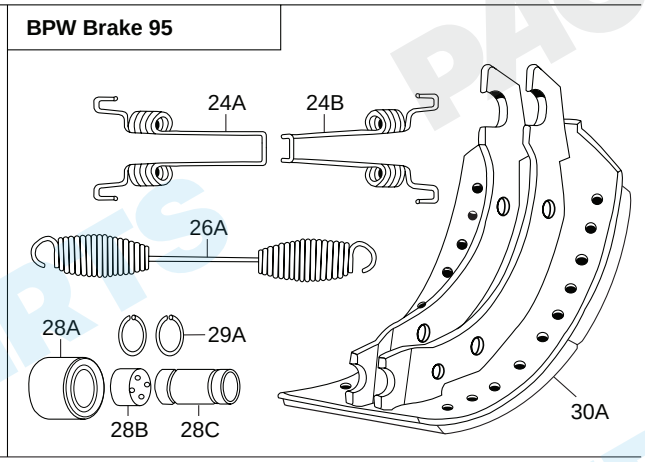
1: paccarparts.com.au/trailer

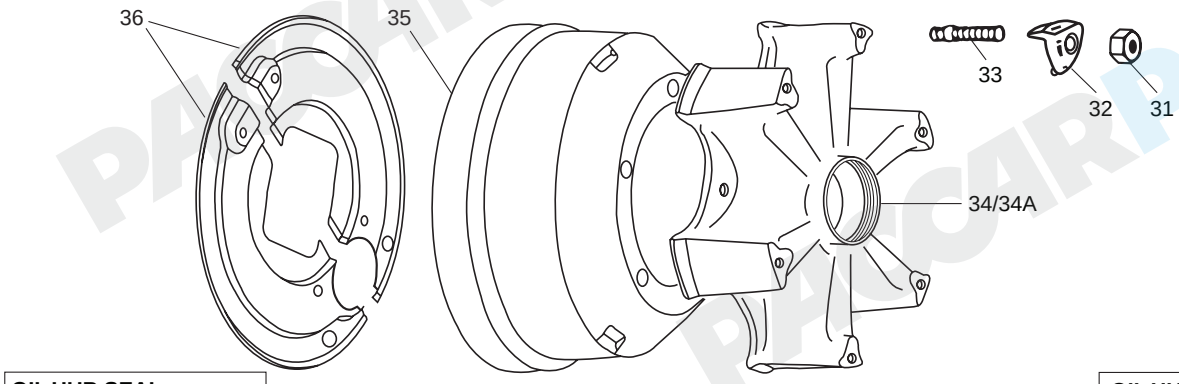
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

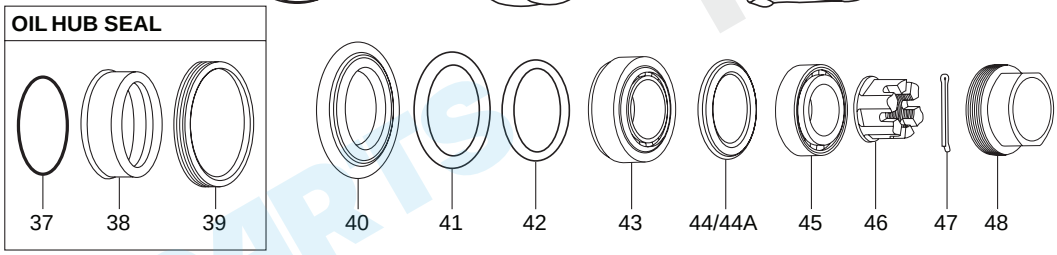
9000 LIGHTWEIGHT AXLE
420 x 180mm BRAKES

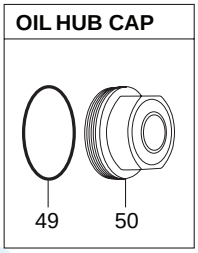










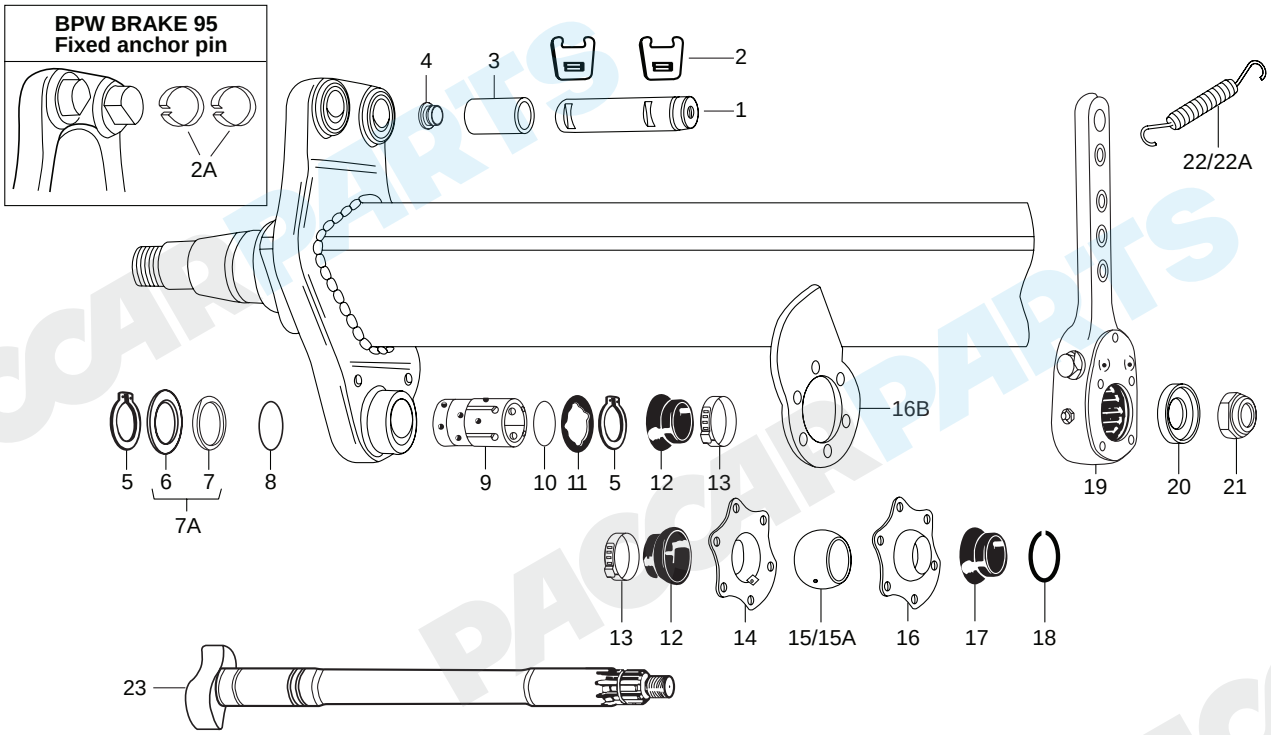


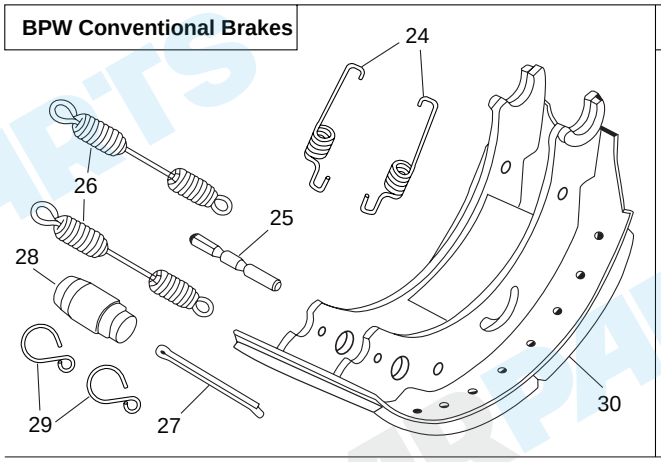
9000 LIGHTWEIGHT AXLE
420 x 180mm BRAKES

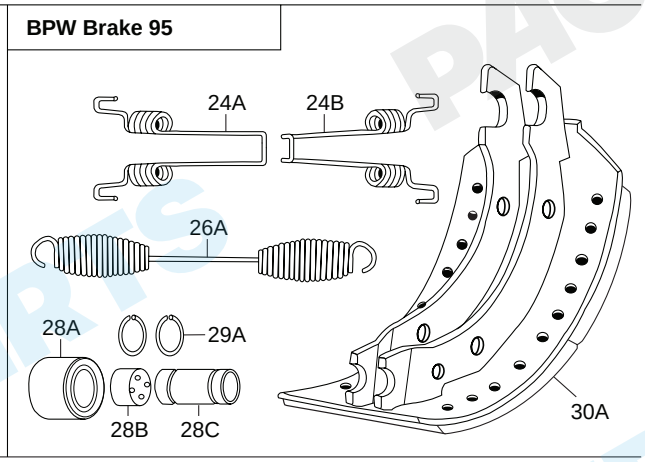
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	0308446220	Anchor Pin		4
2	0316723020	Distance Plate		8
2A	0318802020	Ring - Anchor End C-Clip	Brake 95	8
3	0311233080	Anchor Pin Bush		4
4	NA	Anchor Pin Plug		4
5	0256760100	Circlip	To Suit 42mm Shaft	4
6	NA	Washer - Camshaft 42 x 46 x 7 New	Use 'S' Cam Washer & Seal Kit	2
7		Ring		2
7A		Scam Washer & Seal Kit		2
8	0256792300	O-Ring (Green)		2
9	0311244340	Bush		2
10	0256773742	O-Ring (Black)		2
11	0312042020	Seal	Black Nylon	2
12	0312043190	Dust Boot	41mm ID	4
13	0335030020	Clamp		2
14	0322902190	Retainer Plate	Suits Steel or Nylon Bush	2
15	NA	'S' Cam Bush	Nylon	2
15A	0311314040	'S' Cam Bush	Steel	2
16	0322902180	Retainer Plate	Suits Steel or Nylon Bush	2
16B	0328555490	Axle Bracket		2
17	0311303060	Dust Boot	34mm ID	2
18	0256160590	Snap Ring	37mm ID	2
19	0517452610	Slack Adjuster	5 Hole, 10 Spline	2
20	0332011161	Disc Washer		2
21	0526014120	Lock Nut		2
22	0539726030	Slack Adjuster Return Spring	Overall Length 148mm	4
22A	0539726020	Slack Adjuster Return Spring	Overall Length 230mm	4
23	0509705234	LH 'S' Cam	To 1994 Except Airbag Suspension	1
	0509705244	RH 'S' Cam		1
	0509705254	LH 'S' Cam	From 1994 Inc Airbag Suspension	1
	0509705264	RH 'S' Cam		1
24	0339744060	Return Spring Anchor Pin End	4 per Wheel	8
24A	0339733130	Brake Position Spring	Brake 95	2
24B	0339733120	Brake Position Spring	Brake 95	2
25	0300108050	Retainer Pin		4
26	0539746070	Return Spring Roller End	2 per Wheel	4
26A	0539758040	Return Spring Roller End	Brake 95	4
27	0262016603	Split Pin	90mm x 6.3mm	4
28	0333134050	'S' Cam Roller	Standard Ø 26 / 42 x 78	4
	NA		3mm O/S	2
			6mm O/S	2
28A	0533144020	'S' Cam Roller	Brake 95 - Includes item 28B	4
28B	0311200620	'S' Cam Roller Bush	Brake 95	4
28C	0308475240	'S' Cam Roller Pin	Brake 95	4
29	0335000130	Roller Retainer Clip		8
29A	0331070150	Retainer Ring	Brake 95	8

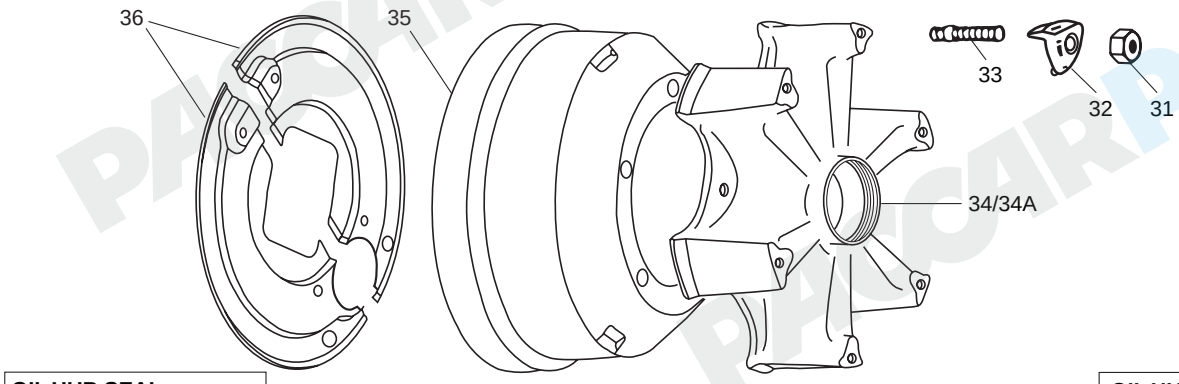
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

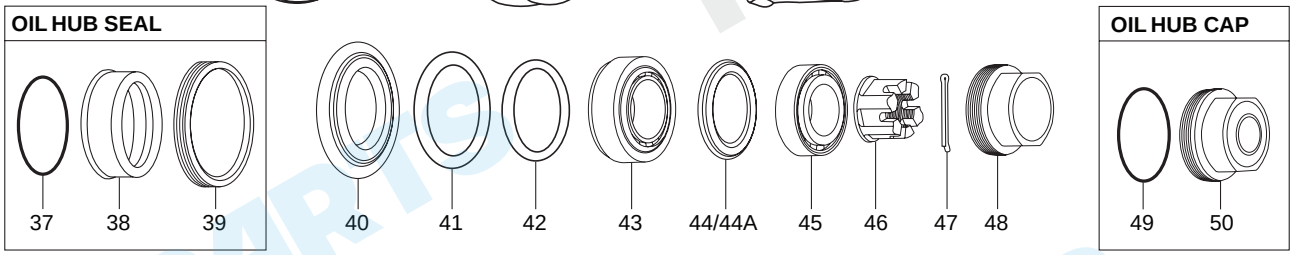
9000 LIGHTWEIGHT AXLE CONTINUED
420 x 180mm BRAKES











9000 LIGHTWEIGHT AXLE CONTINUED
420 x 180mm BRAKES

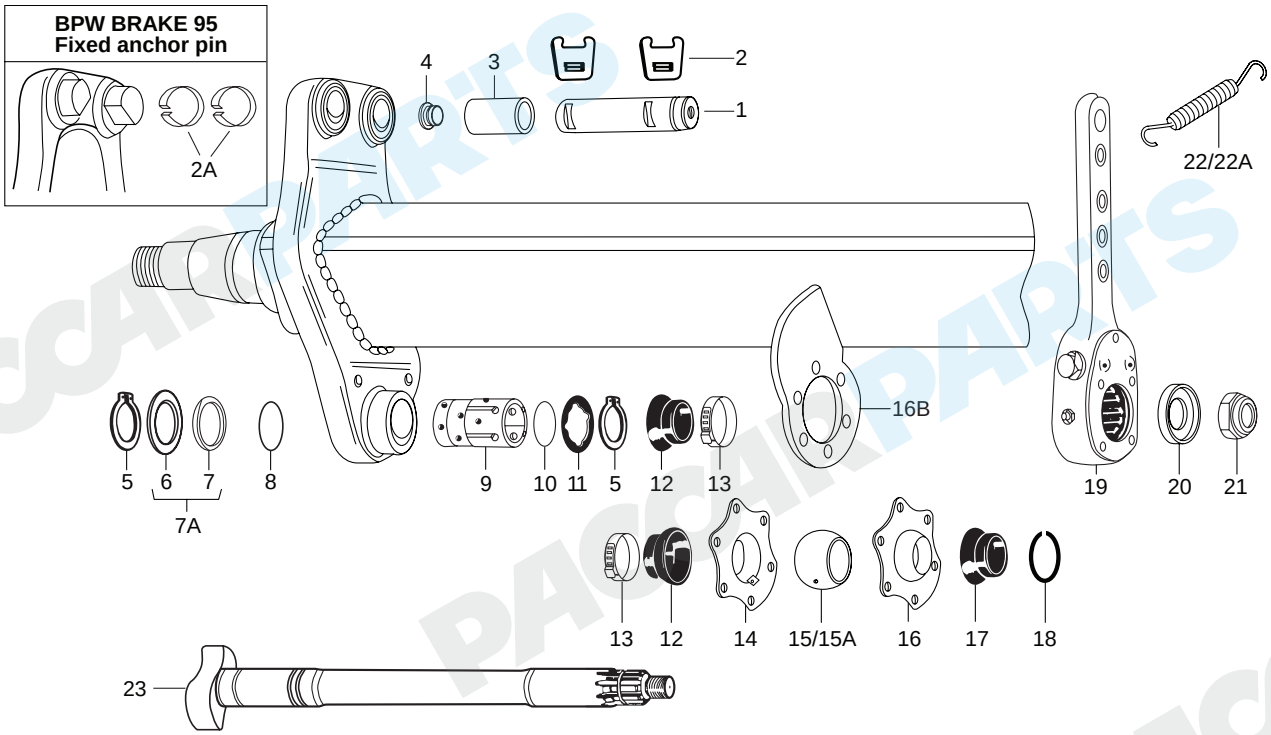
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
30	NSS	Lined Brake Shoe - 4218 Eco Drum	Use lined brake shoe kit PN 098064218BHNG	2
30A	NSS	Lined Brake Shoe - Bare 4218 95B	Use lined brake shoe kit PN 098064218BH95	2
31	T04-6002	Wheel Nut	Can use 0326003040	12
32	0337203020	Wheel Clamp		12
33	T04-6001	Wheel Stud	Can use 0334073071	12
34	NA	6 Spoke Hub	Oil Hub	2
34A	NA	6 Spoke Hub	Grease Hub	2
35	0310967170	Brake Drum	6 Hole, for Alternative Drums Refer Drum Section[1]	2
36	RPS	Dust Covers	Refer to Dust Cover Section[1]	2
37	0256779040	O-Ring	To Suit Oil Seal Carrier	2
38	0337051070	Oil Seal Carrier		2
39	0256642657	Oil Seal		2
40	0537006480	Grease Seal Carrier		2
41	0331097310	Inner Grease Seal	141mm OD x 110mm ID	2
42	0331097320	Outer Grease Seal	136mm OD x 104mm ID	2
43	33116T1M	Inner Bearing Assembly	Can use 0264102400	2
44	0312047050	Dust Seal	To Suit Oil Hub	2
44A	0301004150	Grease Shield	To Suit Grease Hub	2
45	32310T1M	Outer Bearing Assembly	Can use 0264102500	2
46	0326216080	Axle Nut		2
47	0262018201	Split Pin	56mm x 8mm	2
48	0321223090	Hub Cap	Grease Hub	2
49	0256785400	O-Ring	Ø 108 x 3	2
50	NA	Hub Cap (Plastic)	Oil Hub - Filler Plug 0337900130	2

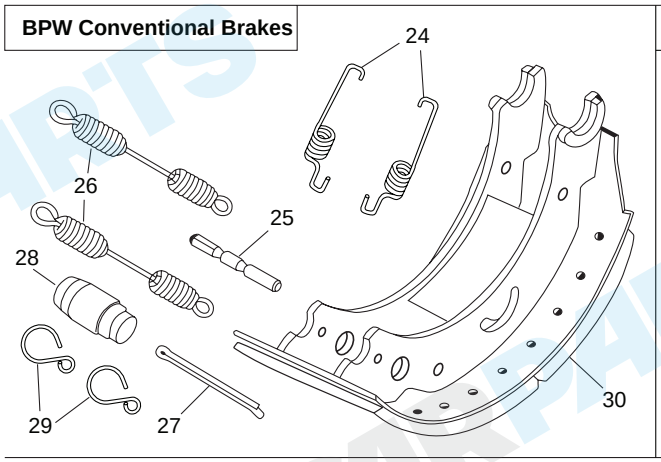
KIT PART NUMBER LISTING				
KIT	0509700K1T	'S' Cam Bush Kit	Services 1 Axle	1
	0980108850	'S' Cam Washer & Clip Kit	Services 1 'S' Cam	2
	098064218BH95	Lined Brake Shoe Kit	Brake 95 – Services 1 Wheel (Inc h/w)	2
	098064218BHNG	Lined Brake Shoe Kit	Conventional Brake - Services 1 Wheel (Inc h/w)	2
	T02-3484	Brake Spring Kit	Brake 95 – Services 1 Axle Can use 4218SPK1T	1

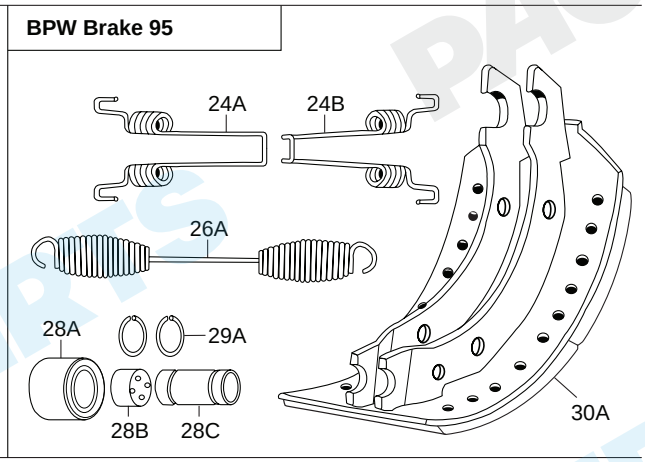
1: paccarparts.com.au/trailer

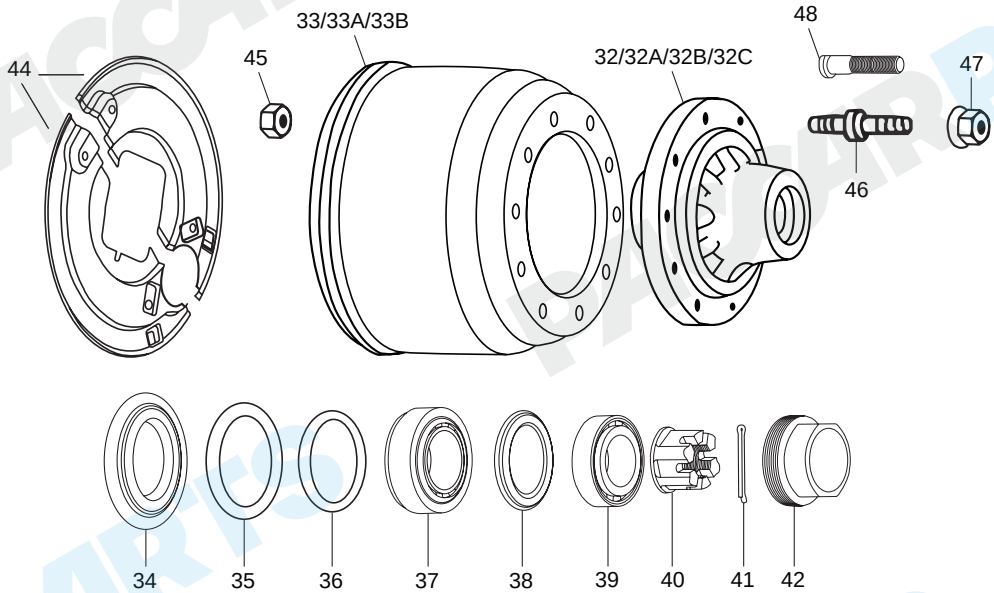
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

KH/KR AXLE (19.5")
360 x 200mm BRAKES





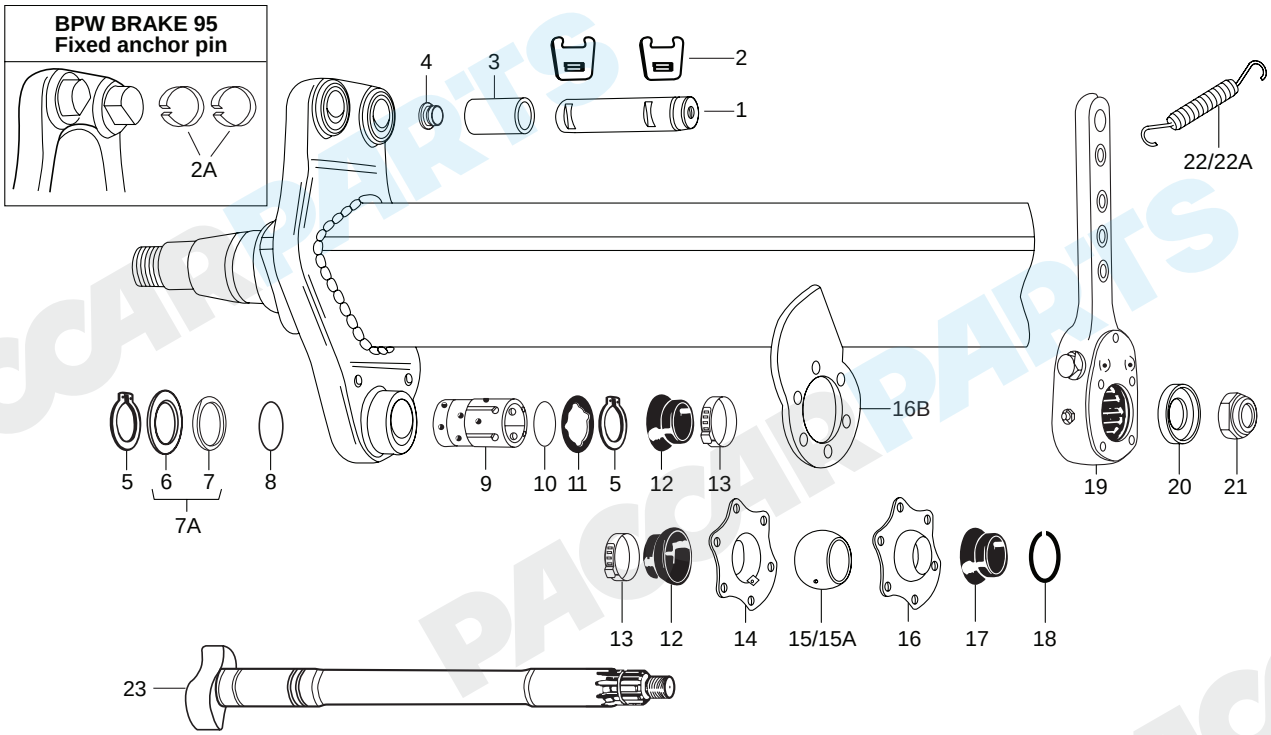


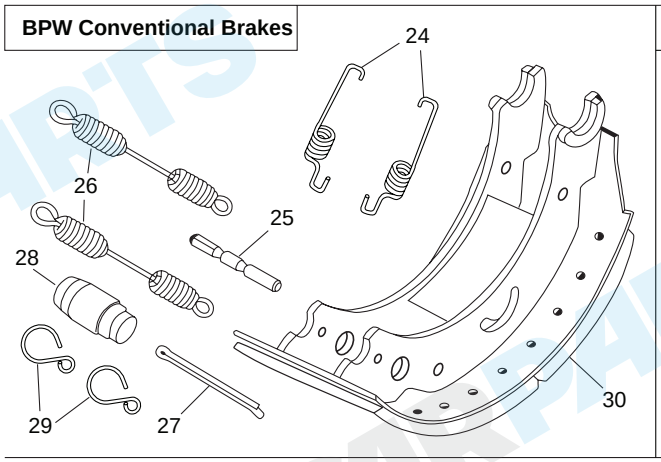


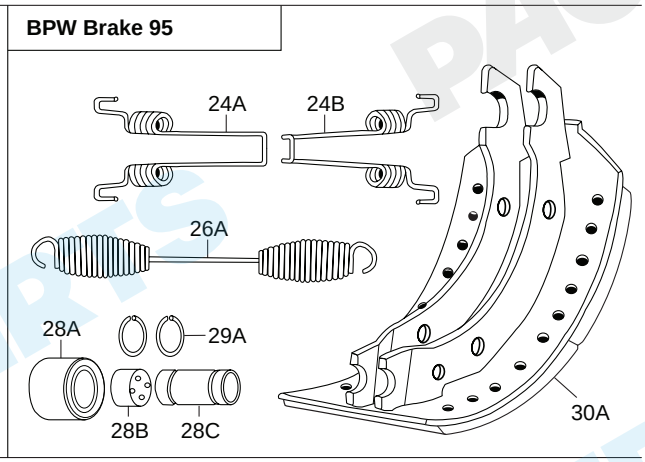
KH/KR AXLE (19.5")
360 x 200mm BRAKES

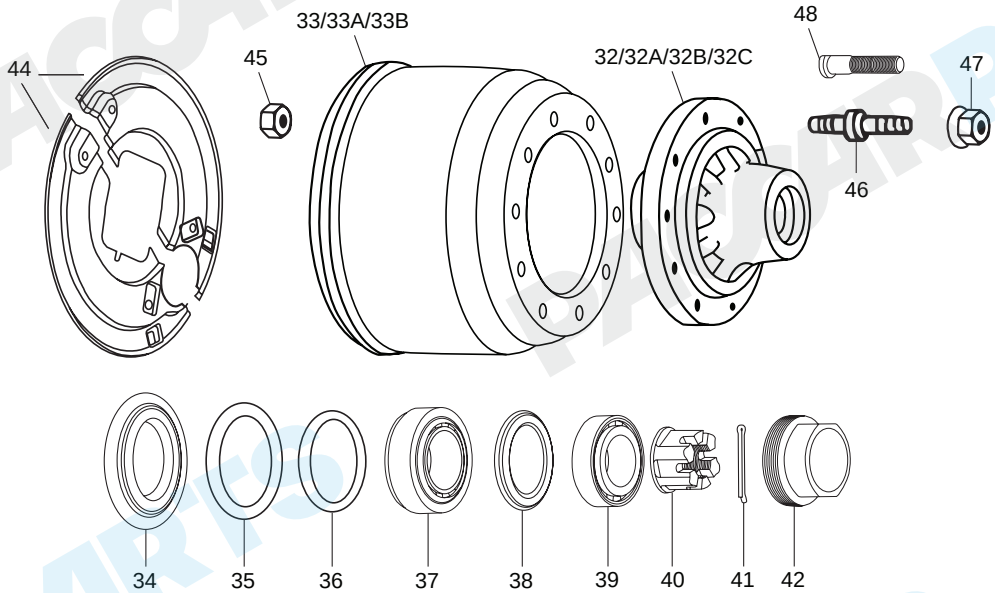
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	0308446220	Pin Anchor		4
2	0316723020	Distance Plate		8
2A	0318802020	Ring - Anchor End C-Clip	Brake 95	8
3	0311233080	Bush - 36 x 50 x 60 Anchor Pin		4
4	NA	Plug		4
5	0256760100	Circlip		4
6	NA	Washer - Camshaft 42 x 46 x 7 New	Use 'S' Cam Washer & Seal Kit	2
7		Ring		2
7A		Scam Washer & Seal Kit		2
8	0256792300	O'Ring		2
9	0311244340	Bush - Cam Outer Bronze		2
10	0256773742	O-Ring 37 x 2.6		2
11	0312042020	Seal		2
12	0312043190	Boot-S Cam Dust Seal		4
13	0335030020	Clamp-S Cam Boot		2
14	0322902190	Bearing Box	Suits Steel or Nylon Bush	2
15	NA	'S' Cam Bush	Nylon	2
15A	0311314040	'S' Cam Bush	Steel	2
16	0322902180	Bearing Box	Suits Steel or Nylon Bush	2
17	0312043100	Seal - Dust Camshaft Small Blue		2
18	0256160590	Circlip - Camshaft		2
19	0517452610	Slack Adjuster		2
20	0332011161	Disc		2
21	0526014120	Hexagon Nut		2
22	0539726030	Return Spring		4
22A	0539726020	Spring-Return Long		4
23	0509705254	'S' Cam A=547.5mm L=666mm LH	From 1994 Inc Airbag Suspension	1
	0509705264	'S' Cam A=547.5mm L=666mm RH		1
24	0339744060	Return Spring Anchor Pin End	4 per Wheel	8
24A	0339733130	Spring-Brake Shoe Positioning		2
24B	0339733120	Spring-Brake Shoe Positioning		2
26	0539745140	Spring-Return Brake Shoe KH		4
26A	0539746130	Spring-Return 3620 BPW95		2
27	0262016603	Split Pin - 6.3 x 90		4
28	0333134050	Roller 26 x 42 x 78		4
	NA	Roller - 'S' Cam BPW New Gen		4
28A	0533144020	Camshaft Roller-C/With Bush		4
28B	0311200620	Bush - Cam Roller 95 Brake		4
28C	0308475240	Shaft - Roller 95 Brake		4
29	0335000130	Retainer - Roller		8
29A	0331070150	Ring - Roller Ret Brake 95		8
30	NA	Conventional Brake Shoe Kit	Use Brake 95 Lined Shoe Kit	2
30A	0509146320BH95	Lined Brake Shoe Kit	Brake 95 – Services 1 Wheel (Inc h/w)	2

KH/KR AXLE (19.5") CONTINUED
360 x 200mm BRAKES









KH/KR AXLE (19.5") CONTINUED
360 x 200mm BRAKES

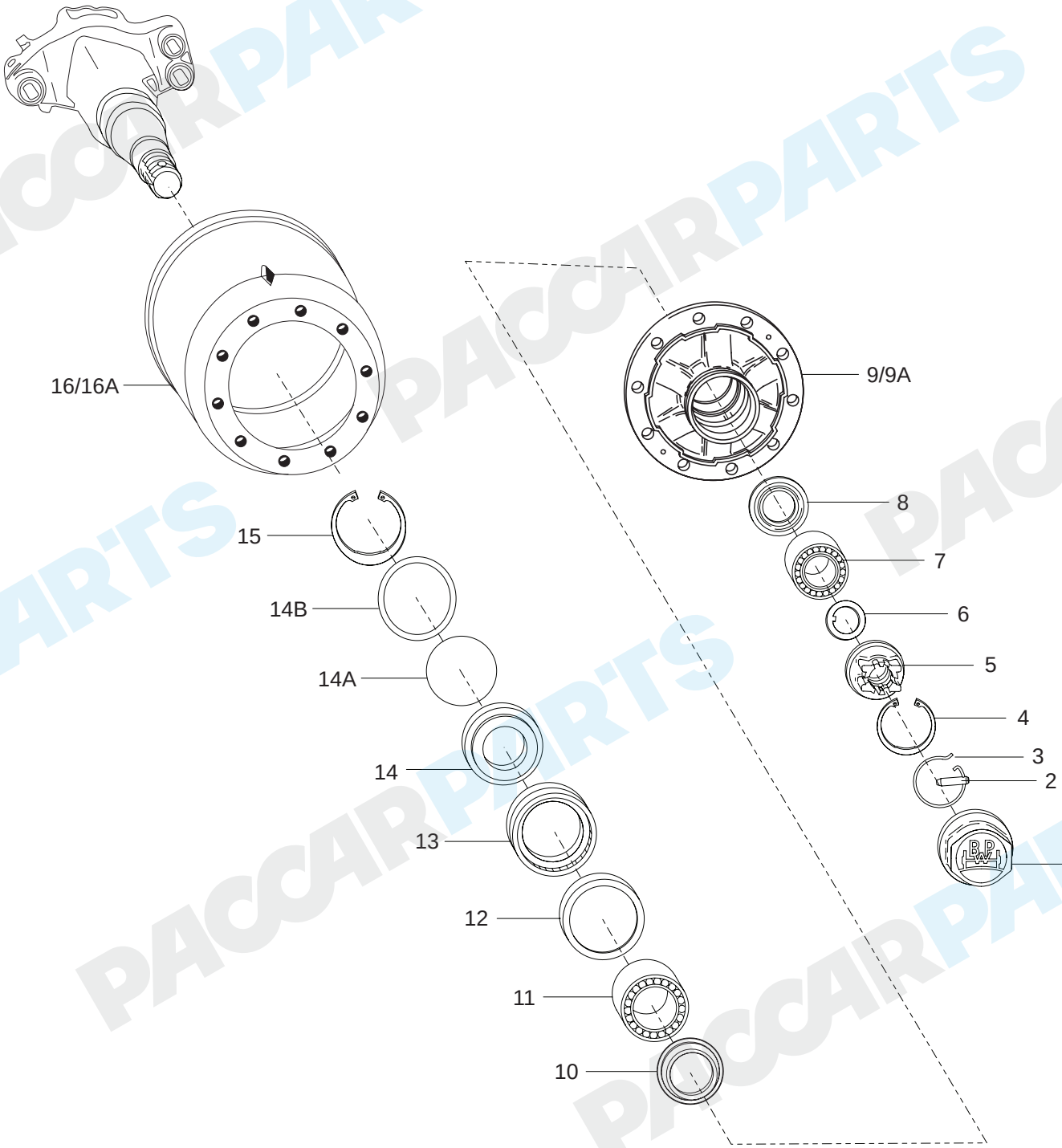
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
32	0300061843	Hub 8 Stud x 275 PCD	Early Stud Style	2
32A	NA	Hub 10 Stud x 225 PCD	Early Stud Style	2
32B	0327228560	Hub 8 Stud x 275 PCD	Late Stud Style - Aluminium Use with Drum PN 0310990220 + Studs PN 0329623240 or 0329623170 based on D/Al or D/Steel Wheel End	2
32C	0327228700	Hub 8 Stud x 275 PCD	Late Stud Style - Steel	2
33	0310990220	Brake Drum 3620 KH Eco		2
33A	NA	B/Drum - 3620 10 225 KH Eco		2
33B	0310990030	B/Drum - 3620 8 275 H90 Eco Max		2
34	0537006480	S/Carrier - H9000 Series - Grease		2
35	0331097310	Seal - Grease 9000 Series 110 x 141		2
36	0331097320	Seal - Grease H90/GS11 Series 136 / 105		2
37	33116T1M	Bearing	Can use 026402400	2
38	0301004150	Dust Cover (Oil Catcher)		2
39	32310T1M	Bearing	Can use 0264102500	2
40	0326216080	Nut - Axle M42 x 2 New Design LW		2
41	0262018201	Split Pin 8 x 56		2
42	0321223090	Hubcap - 115 x 2 H90 NR9		2
44	RPS	Dust Cover	Refer to Dust Cover Section[1]	2
45	0326004060	Nut - Wheel Back Nut M22 x 2		20
46	0329623170	Stud - Wheel		20
	0329623240	Stud - Wheel M22 x 1.5 Dual Alloy		20
47	0526054100	Nut - Wheel M22 x 1.5 Alloy & Steel		20
48	0329633090	Stud - Wheel Press Alu Hub D/Al		20

KIT PART NUMBER LISTING				
KIT	0509146320BH95	Lined Brake Shoe Kit	Brake 95 – Services 1 Wheel (Inc h/w)	2
	0509700K1T	'S' Cam Bush Kit	Services 1 Axle	1
	0980108850	'S' Cam Washer & Clip Kit	Services 1 'S' Cam	2

1: paccarparts.com.au/trailer

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

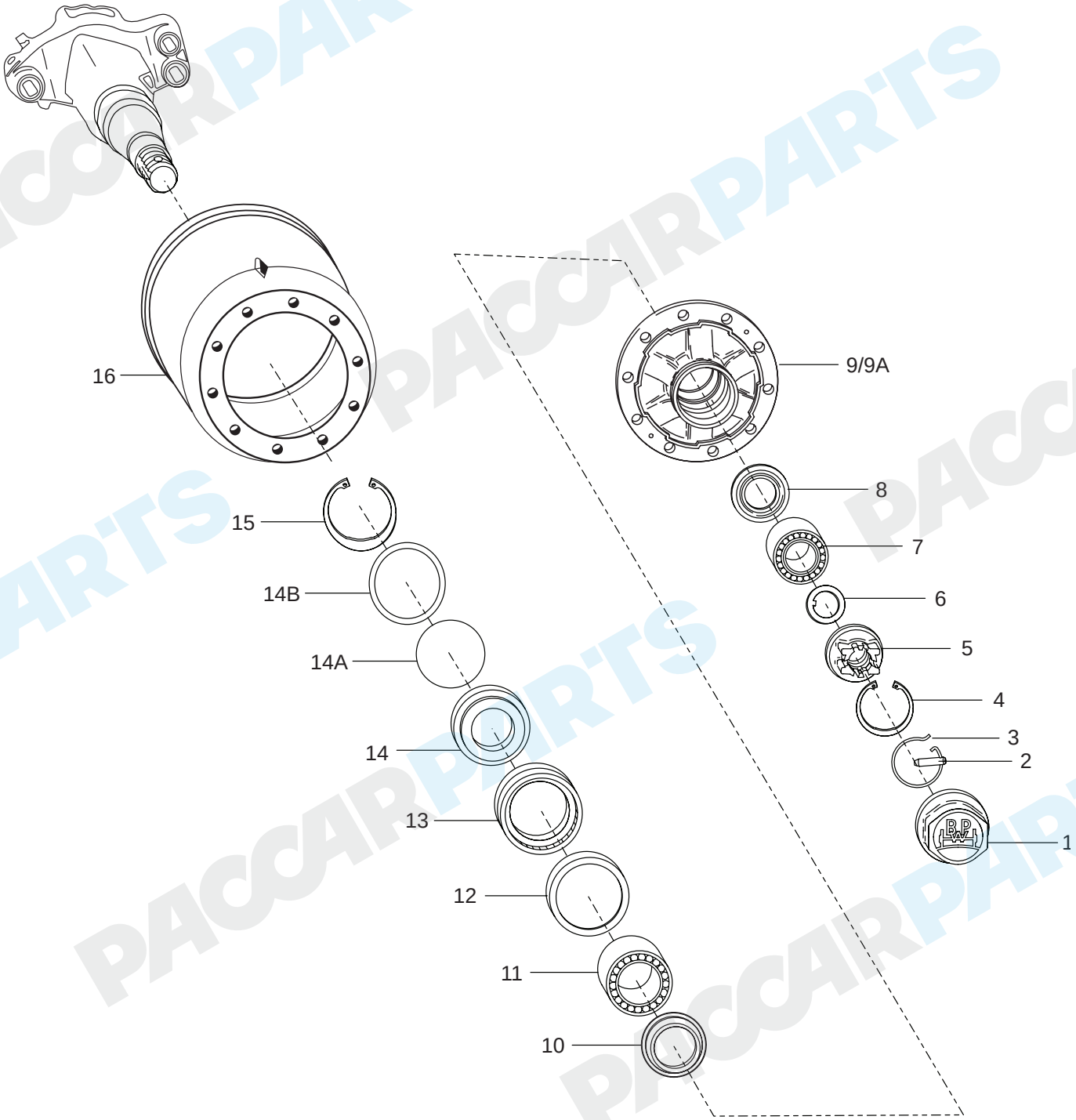
ECO HUB KH/KR AXLE (19.5")
360 x 200mm BRAKES



ECO HUB KH/KR AXLE (19.5")
360 x 200mm BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	0321224250	Hub Cap - Grease L/Wt Eco	Internal Thread	2
2	0308471170	Pin-Lock Axle Nut Ecohub8X45mm		2
3	0318803060	Ring - Lock Axle Nut Eco L/Wt		2
4	0256061290	Circlip - Outer Eco H9000		2
5	0326646020	Nut - Axle Eco H9000		2
6	0332073130	Washer - Std Hub Eco Beam H9000		2
7	32310T1M	Bearing	Can use 0264102500	2
8	0337025160	Shield - Grease Eco H9000		2
9	0327228560	Hub - 8 / 275 D/Alloy Eco Grease	Late Stud Style - Aluminium Use with Drum PN 0310990220 + Studs PN 0329623240 or 0329623170 based on D/Al or D/Steel Wheel End	2
9A	0327227410	Hub - 10 / 225 D/Alu Eco NR/KH	10 Stud	2
10	0301093330	Dust Cover - Bearing Shield H9000		2
11	33116T1M	Bearing	Can use 0264102400	2
12	0256836200	Seal - Keeper Ring Eco H9000		2
13	0256645700	Seal - Hub Eco H9000		2
14	0337007760	Seal - Carrier H90 Eco HD		2
14A	0256779040	O-Ring - 90 x 30		2
14B	0256819800	Seal - Dust Nylon H9000 Eco		2
15	0256064090	Circlip - Inner Hub H9000		2
16	0310990220	Brake Drum 3620 275 KH Eco	8 Stud	2
16A	NA	Brake Drum 3620 225 KH Eco	10 Stud	2

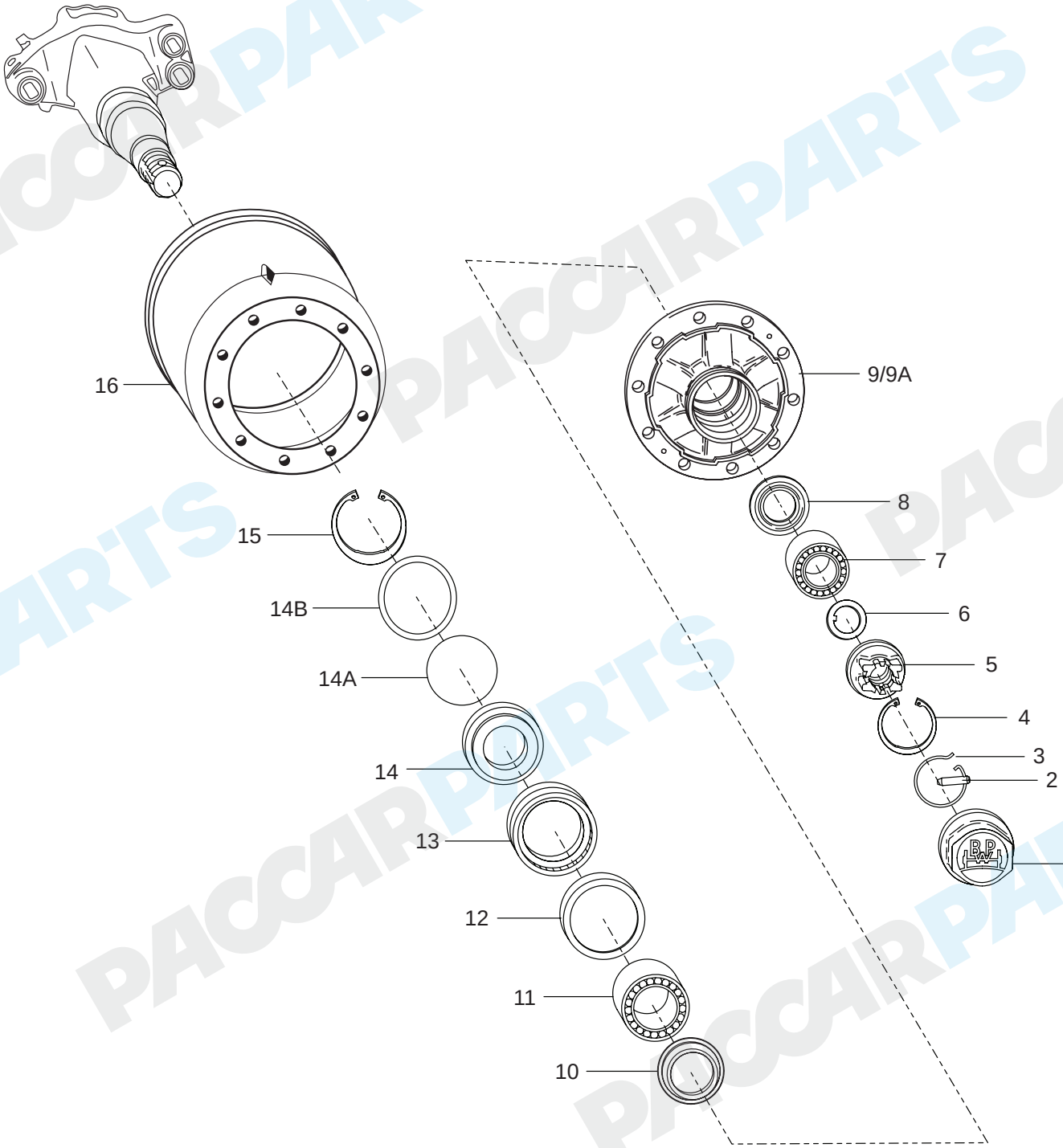
ECO HUB 9 TONNE 9010
HZA-ZM & HAS-SM AXLE 420 x 180mm BRAKES



ECO HUB 9 TONNE 9010
HZA-ZM & HAS-SM AXLE 420 x 180mm BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	0321224250	Hub Cap - Grease L/Wt Eco		2
2	0308471170	Pin - Lock Axle/Nut Eco Hub 8 x 45mm		2
3	0318803060	Ring - Lock Axle Nut Eco L/Wt		2
4	0256061290	Circlip - Outer Eco H9000		2
5	0326646020	Nut - Axle Eco H9000		2
6	0332073130	Washer-Std Hub Eco Beam H9000		2
7	32310T1M	Bearing	Can use 0264102500	2
8	0337025160	Shield - Grease Eco H9000		2
9	0327228630	Eco Hub 10 x 285 PCD		2
9A	0327232060	Hub - 10 x 335 HZ90 D/Alu Eco Grease	Uses Push-in stud	2
	0327232030	Hub - 10 x 335 HZ90 D/Steel Eco Grease		2
10	0301093330	Dust Cover - Bearing Shield H9000		2
11	33116T1M	Bearing	Can use 0264102400	2
12	0256836200	Seal - Keeper Ring Eco H9000		2
13	0256645700	Seal - Hub Eco H9000		2
14	0337007760	Seal - Carrier H90 Eco HD		2
14A	0256779040	O-Ring - 90 x 30		2
14B	0256819800	Seal - Dust Nylon H9000 Eco		2
15	0256064090	Circlip - Inner Hub H9000		2
16	0310967130	Brake Drum 4218 10 335 H9000	Super Single - 20"	2
	0310967870	Brake Drum 285 PCD - Light Wt	Dual Wheel - 20"	2
	0310967740	Brake Drum 335 PCD	Super Single -20"	2

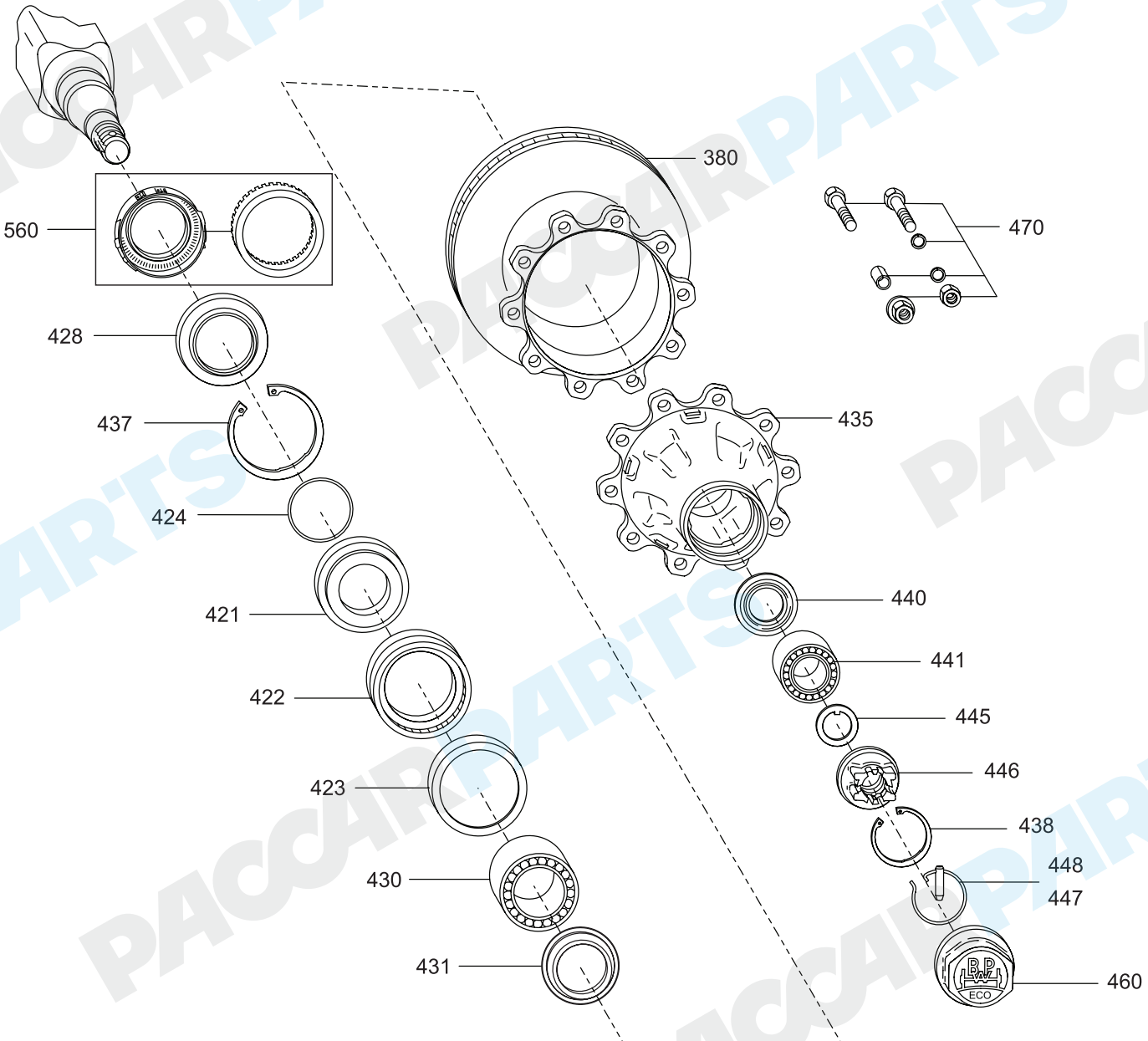
ECO HUB 10 TONNE 9110
HZA-ZM & HAS-SM AXLE



ECO HUB 10 TONNE 9110
HZA-ZM & HAS-SM AXLE

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	0321225080	Hub Cap Grease Eco 10 / 12T M135 x 2		2
2	0308471170	Pin - Lock Axle/Nut Eco Hub 8 x 45mm		2
3	0318804080	Ring - Lock Axle Nut Eco		2
4	0256062290	Circlip - Outer Eco H91 / 10		2
5	0326647030	Nut - Axle Eco H91 / 10 / R10		2
6	0332064010	Washer - Std Hub Eco Beam H91		2
7	33213T1M	Bearing	Can use 0264102200	2
8	0337026240	Washer - Thrust Eco Plus		2
9	0327247450	EP3 Hub H10 10 x 285 Ecop D/Alloy Drum	When replacing a Eco Hub Use conversion kit PN 0980107092TS	2
9A	0327248880	Hub - 10 x 335 HZ91 D/Alu Eco Grease		2
10	0301093340	D/Cover - Brg Shield H91 / 10		2
11	33118T1M	Bearing	Can use 0264102300	2
12	0256836300	Seal - Keeper Ring Eco H91		2
13	0256645800	Seal - Eco H91 / 10 / R10		2
14	0337007770	S/Carrier - H91 / H10 Eco Hub		2
14A	0256780000	O-Ring 100 x 3		2
14B	0312048130	Seal - Dust H91 / H10 Eco Hub		2
	NA	Dust Seal		2
15	0256066090	Circlip - Inner 160 x 4 Eco		2
16	0310967870	Brake Drum 285 PCD Light Wt	Dual Wheel & Super Single	2
	0310967740	Brake Drum 335 PCD		2

ECO HUB DISC BRAKE AXLE
9 TONNE



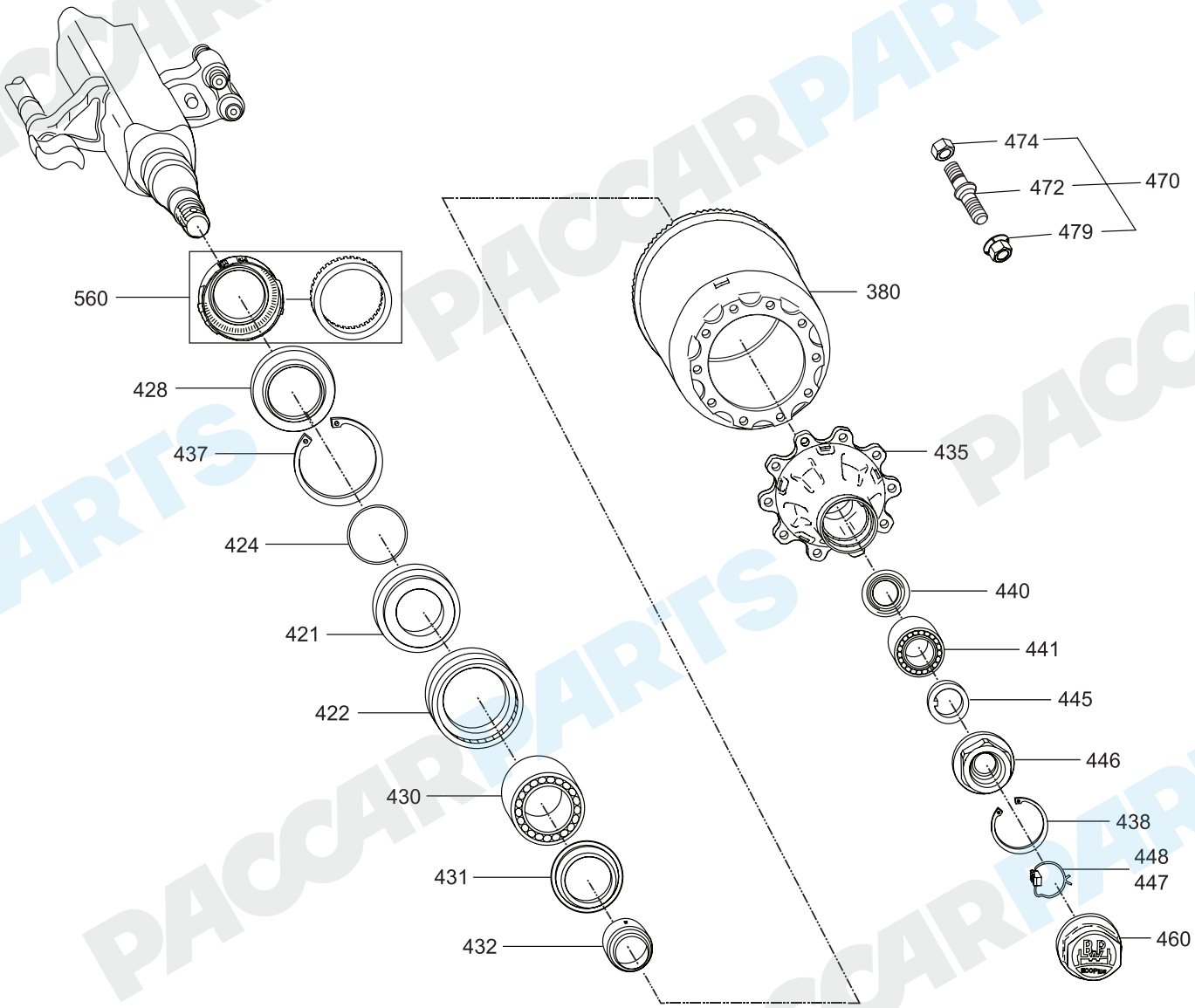
ECO HUB DISC BRAKE AXLE
9 TONNE

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
380	0308834060	Rotor 10 Stud 335mm PCD		2
	0308834070	Rotor 10 Stud 285mm PCD		2
	0308834150	Rotor 8 Stud 275mm PCD		2
	NA	Rotor 10 Stud 335mm PCD	ABS Mounting	2
421	0337007760	Seal Carrier		2
422	0256645700	Grease Seal		2
423	0256836200	Seal Runner		2
424	0256779040	O-Ring		2
428	0256819800	Dust Seal		2
430	0264102400	Roller Bearing		2
431	0301093330	Grease Shield Inner		2
435	NA	Hub 8 / 275 Alloy	Suits press in stud	2
	0327228710	Hub 8 / 275 Steel		2
	0327228770	Hub 10 / 285 Steel		2
	0327232040	Hub 10 / 335 Alloy		2
	0327232030	Hub 10 / 335 Steel		2
437	0256064090	Circlip		2
438	0256061290	Circlip		2
440	0337025160	Grease Shield Outer		2
441	0264102500	Roller Bearing		2
445	0332073130	Washer		2
446	0326646020	Axle Nut		2
447	0308471170	Locking Pin		2
448	0318803060	Locking Ring		2
460	0321224250	Hub Cap (Steel, Standard)		2
470	0326004060	Back Nut		20
	0329623170	Wheel Stud Back Nut Style (Steel Wheels)	M22 x 1.5 x 114	20
	0329623240	Wheel Stud Back Nut Style (Aluminium Wheels)	M22x 1.5 x 136	20
	0329633121	Press In Stud (Steel Hub)	M22 x 1.5 x 114	16/20
	0329633161	Press In Stud (Aluminium Hub)	M22 x 1.5 x 97	16/20
	0526054100	Wheel Nut	M22 x 1.5	16/20
	0526054141	Wheel Nut Sleeve Type	M22 x 1.5, 32mm OD sleeve	16/20
560	0331008530	Exciter Ring - 100 Teeth (For 20" Wheels)	Ø125/156 x 8.5	2
	0531007291	Exciter Ring - 80 Teeth(For 19.5" Wheels)	Ø105/156 x 21.7	2

KIT PART NUMBER LISTING				
KIT	0980102720TS	Wheel Bearing & Seal Kit	Inc Items 422 - 424, 428, 430, 431, 440, 441, 445, 447, 448	2
	0980102720TSSC		Inc Items 421 - 424, 428, 430, 431, 440, 441, 445, 447, 448	2

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

ECO PLUS HUB - H/R, KH
9 & 10-12 TONNE 420 x 180mm BRAKE



ECO PLUS HUB - H/R, KH
9 & 10-12 TONNE 420 x 180mm BRAKE

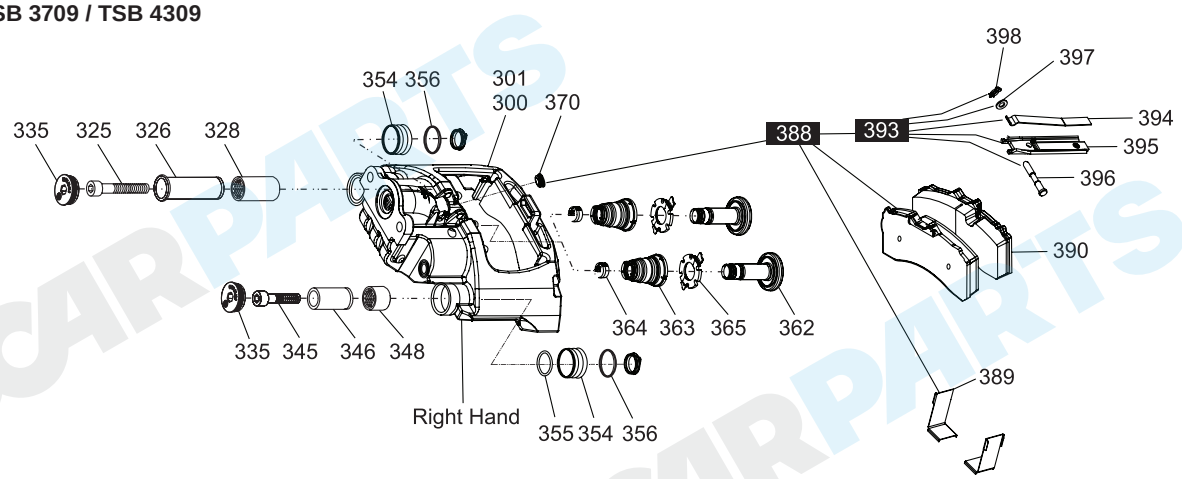
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	APP.	QTY/ AXLE
380	0310967130	Brake Drum 10 x 335 PCD	420 x 180	9 T	2
	0310967170	Brake Drum Spider 6 x 335 PCD			2
	0310967740	Brake Drum 10 x 335 PCD		All	2
	0310967780			10-12 T	2
	0310967810	Brake Drum Spider 6 x 335 PCD			2
	0310967870	Brake Drum 10 x 285 PCD		All	2
421	0337007720	Seal Carrier	Ø 132 x 22	10-12 T	2
422	0256647400	Hub Seal		All	2
424	0256780000	O-Ring		10-12 T	2
428	0312048150	Dust Seal		All	2
430	0264102300	Inner Bearing			2
431	0301093340	Dust Cover, Bearing Shield			2
432	0312045160	Dust Seal			2
435	0327246282	Hub 8 Stud 275 PCD - Dual Wheels	19.5" Wheel Size	9 T	2
	0327246390	Eco Plus 3 Hub 8 Stud 275 PCD - Dual Wheels	19.5" Wheel Size When replacing a Eco plus hub, use conversion kit PN 0980107092EPTS	10-12 T	2
	0327247450	Hub 10 Stud 285 PCD - Dual Wheels	20"/22.5" Wheel Size		2
	0580149430	Hub Spider - Dual Wheels			2
	0327243460	Eco Plus 3 Hub 10 Stud 335 PCD - Dual & Single Wheels	20"/22.5" Wheel Size When replacing a Eco plus hub, use conversion kit PN 0980107092EPTS		2
437	0256065890	Circlip Inner Hub		All	2
438	0256062290	Circlip Outer Hub			2
440	0337026240	Thrust Washer			2
441	0264102200	Outer Bearing			2
447	0327700070	Locking Wedge Axle Nut			2
448	0318804100	Locking Ring For Wedge			2
450	0210404500-450	Grease ECO-Li Plus 450g			2
460	0321225310	Hub Cap			2
470	0980623500	Wheel Stud Assembly	M 22 x 1,5 / M 22 x 2 / 136 / 82 / 49		20
560	0331008140	Exciter Ring 100 Teeth	Ø 176 / 194 x 15		2
	0331008530	Exciter Ring 80 Teeth	9T Eco Plus		2
	0531008441		10-12T Eco Plus		2
445 & 446	0580700440	Axle Nut & Washer Kit		All	2

KIT PART NUMBER LISTING					
KITS	0980106360TS	Wheel Bearings & Seal Kit	Includes 422 ,424, 428, 430, 431, 440, 441, 445, 447 & 448	9 T	2
	0980107040TS		Includes 422, 424, 428, 430 - 432, 440, 441, 445, 447 & 448	10-12 T	2
	0980107040TSSC		Includes 421 - 422, 424, 428, 430 - 432, 440, 441, 445, 447 & 448		2
	0980107040TSSCT		Inc. Seal Carrier, Washer, Axle Nut And Washer Kit & Grease 450g		2

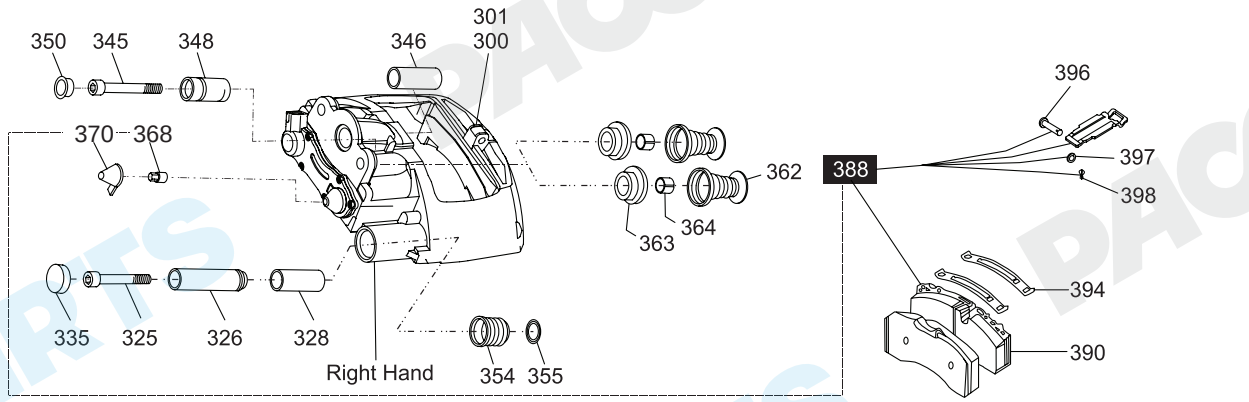
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

ECO PLUS HUB - DISC BRAKE AXLE
10-12 TONNE

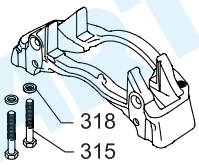
TSB 3709 / TSB 4309



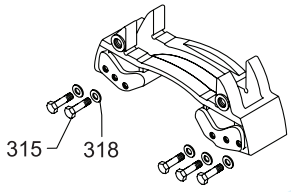
SB3745,SB3745T AND SB4309T

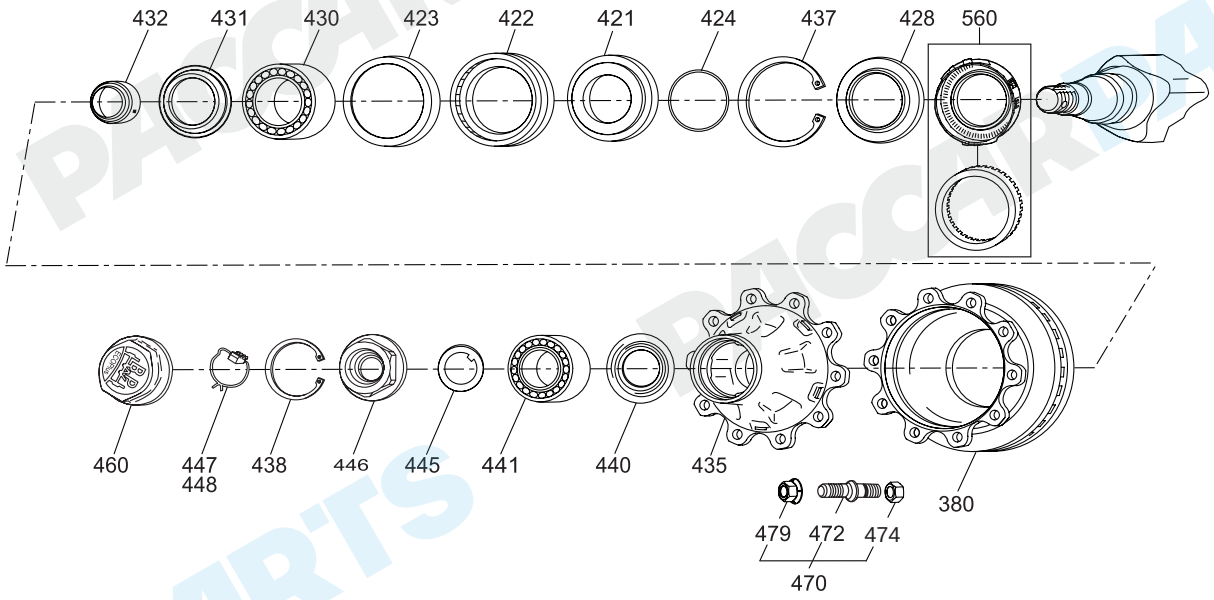


CALIPER CARRIER TANGENTIAL



CALIPER CARRIER AXIAL





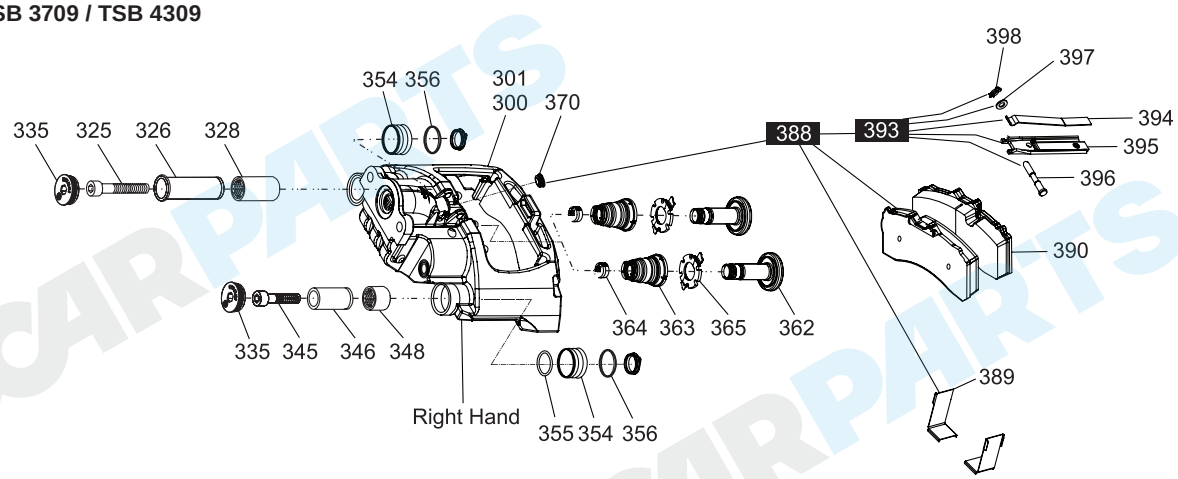
ECO PLUS HUB - DISC BRAKE AXLE
10-12 TONNE

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	APPLICATION	QTY/ AXLE
300	0536270610RAT	Rationalised Caliper - Left Hand		SB3745	1
	0536270630RAT	Monoblock Caliper - Left Hand		SB4309T	1
	0936272131TS	Replacement Caliper - Left Hand		TSB 3709	1
	0936272110TS			TSB 4309	1
301	0536270600RAT	Rationalised Caliper - Right Hand		SB3745	1
	0536270620RAT	Monoblock Caliper - Right Hand		SB4309T	1
	0936272120TS	Replacement Caliper - Right Hand		TSB 4309	1
	0936272141TS			TSB 3709	1
315	0334012260	Caliper Mount Bolt	M16 x 1.5 x 97 - 12.9	SB3745T & SB4309T	8
	0250298521	Bolt (Torque 280-330Nm)		SB3745	10
	0250298720				4 / 10
	0250298821	Bolt Steer Axle (Torque 280-330Nm)			4
	0250511021				2
318	0254011608	Washer	Ø 17mm	SB3745T & SB4309T	8
				SB3745	10
325	0334012320	Main Guide Pin Screw	M16 x 1.5 x 100 - 10.9	TSB 3709 & TSB 4309	2
345	0334012310	Loose Guide Pin Screw	M16 x 1.5 x 70 - 10.9	TSB 3709 & TSB 4309	2
368	0224001100	Adjuster Adaptor Suits Caliper Type B & C		SB3745, SB3745T & SB4309T	2
NS	0218270400	Cap, Adjuster Adaptor Suits Caliper Type A		SB3745	2
380	0308834150	Rotor 8 Stud 275mm PCD		TSB 3709	2
	0308834160	Rotor 8 Stud 275mm PCD for ABS			2
	0308835120	Rotor 10 Stud 335mm PCD		TSB 4309	2
	0308835140	Rotor 10 Stud 285mm PCD			2
388	0980108151	Brake Pad Kit	(Items 368 - 370, 390, 394, 396 - 398)	SB3745 & SB3745T	1
	0980108161	Brake Pad Kit Axle Set		SB4309T	1
	0980107940	Repair Kit Brake Pads	(Items 370, 389, 390, 394, 396 - 398)	TSB 3709	1
	0980107960			TSB 4309	1
393	0980107681	Repair Kit Brake Pad Retainer	(Items 394 - 398)	TSB 3709 & TSB 4309	2
421	0337007720	Seal Carrier	Ø 96 / 117.5 / 132 x 22	10-12 T	2
422	0256647400	Hub Seal	Ø 117.5 x 158 x 17.5		2
424	0256780000	O-Ring	Ø 100 x 3		2
428	0312048150	Dust Seal	Ø 117.5 / 160 x 9.5		2
430	0264102300	Wheel Bearing Inner	33118		2
431	0301093340	Grease Shield Inner	Ø 94 / 149 x 8.5		2
432	0312045160	Dust Seal	Ø 67 / 93 x 8.5		2
435	0327243470	Eco Plus 3 Hub 10 Stud 335mm PCD	When replacing eco plus hub, use conversion kit PN 0980107092EPTS		2
	03272246380	Eco Plus 3 Hub 8 Stud 275mm PCD			2
	0327247440	Hub 10 Stud 285mm PCD			2
437	0256065890	Circlip Inner	Ø 158 x 4		2
438	0256062290	Circlip Outer	Ø 122 x 4		2
440	0337026240	Thrust Washer	Ø 71 / 108 x 8		2
441	0264102200	Wheel Bearing Outer	33213		2
445	0332065050	Washer - Axle Nut	Ø 53 / 76 x 5.8		2

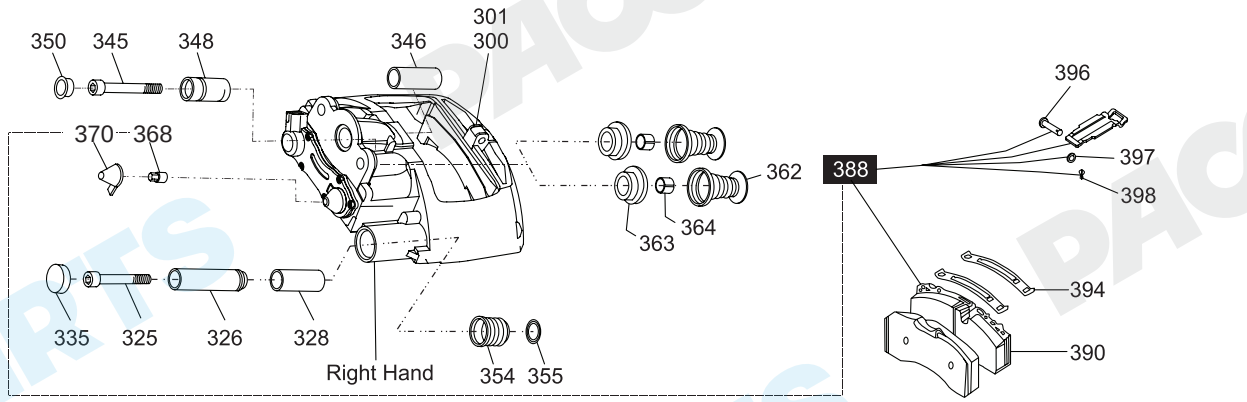
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

ECO PLUS HUB - DISC BRAKE AXLE CONTINUED
10-12 TONNE

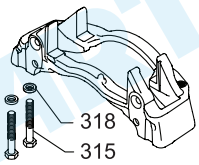
TSB 3709 / TSB 4309



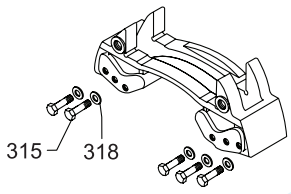
SB3745,SB3745T AND SB4309T

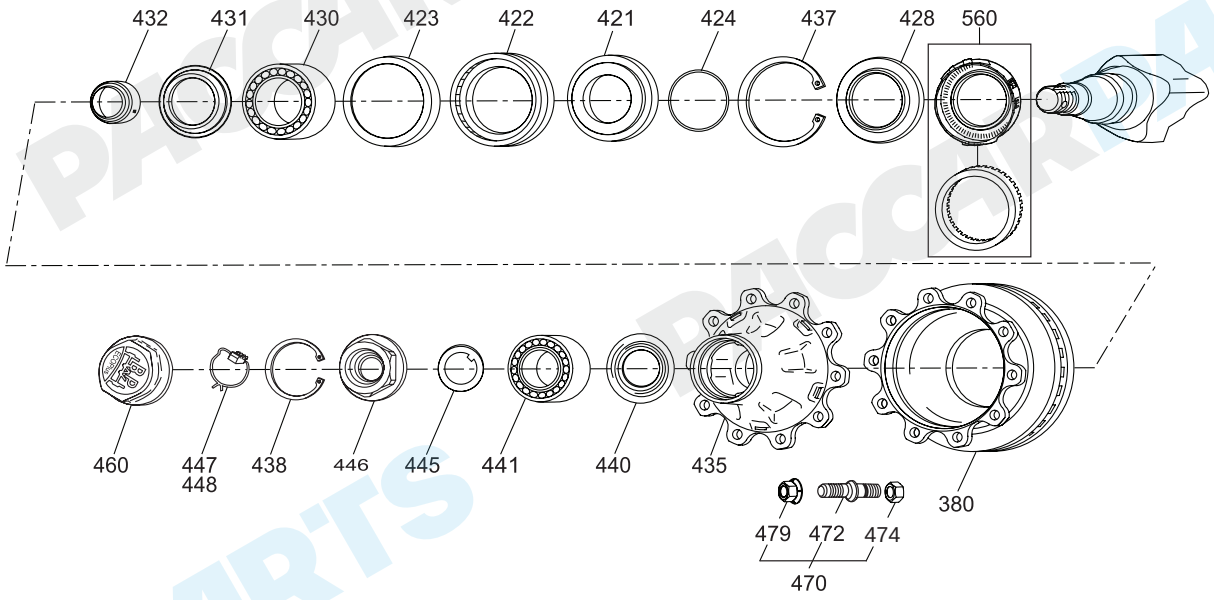


CALIPER CARRIER TANGENTIAL



CALIPER CARRIER AXIAL

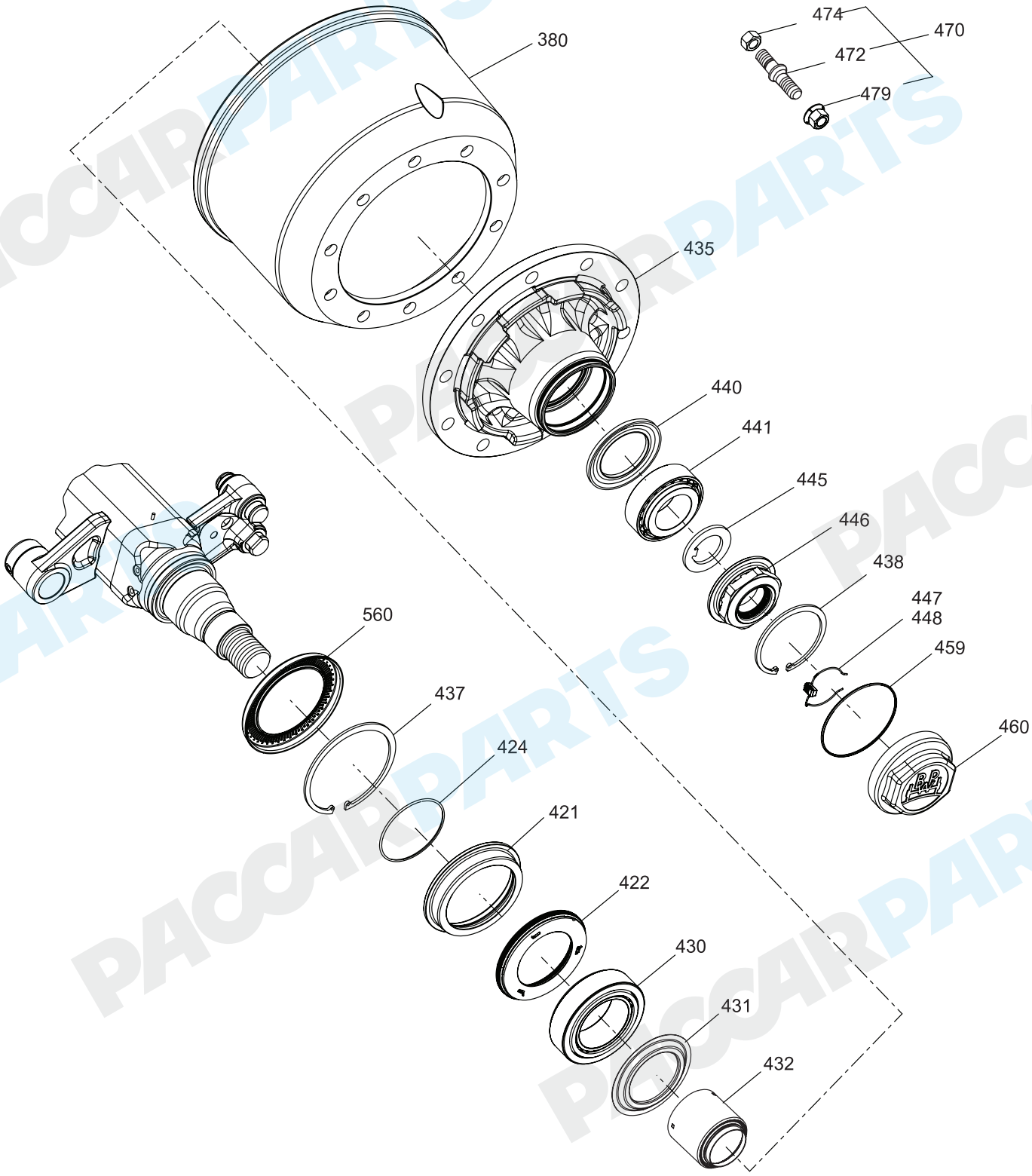




ECO PLUS HUB - DISC BRAKE AXLE CONTINUED
10-12 TONNE

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	APPLICATION	QTY/ AXLE
446	0580700440	Axle Nut & Washer Kit	M52 x 2 / SW 95	10-12 T	2
447	0327700070	Locking Wedge - Axle Nut			2
448	0318804100	Hooked Ring Spring - Locking Wedge	Ø 62 x 1.8		2
460	0321225310	Hub Cap	M136 x 2.5 / SW 110		2
	0321225310C	Hub Cap, Chrome	M136 x 2.5 / SW 111		2
470	0980623500	Wheel Stud Assembly	M22 x 1,5 / M22 x 2 / 136 / 82 / 49		20
560	0331009390	Exciter Ring 80 Teeth		TSB 3709	2
	0531008501	Exciter Ring 100 Teeth		TSB 4309	2
KIT PART NUMBER LISTING					
KIT	0980102630	Thrust Pad & Boot Kit Suits Caliper Type A & B	(Items 362 - 364)	SB3745	2
	NA	Main Pin Kit Suits Caliper Type A & B	(Items 325 - 328, 335, 354, 355, 369)		2
	0980106240/310	Guide Pins & Seal Kit Suits Caliper Type A	(Items 325 - 328, 335, 336, 345 - 348, 354, 355)		2
	NA	Guide Pins & Seal Kit Suits Caliper Type B			2
	0980106330	Guide Pins & Seal Kit Suits Caliper Type C	(Items 325 - 328, 345 - 348, 350, 352)	SB3745, SB3745T & SB4309T	2
	0980106320	Thrust Pad & Boot Kit Suits Caliper Type C	(Items 362 - 364)		2
	0980106330KB	Guide Pins & Seals Kit Suits Caliper Item Numbers 0536270620RAT & 0536270630RAT	(Items 325 - 355)	SB3745T & SB4309T	2
	0980107611	Repair Kit Guide Pins	(Items 325, 326, 328, 345, 346, 348)	TSB 3709 & TSB 4309	2
	0980107620	Repair Kit Seals for Guide Pins	(Items 335, 354, 355, 356, 370, Grease)		2
	0980107631	Repair Kit Tappet	(Items 362 - 365)		2
	0980107040TS	Wheel Bearing & Seal Kit (Not Including Seal Carrier)	(Items 422, 424, 428, 430 - 432, 440, 441, 445, 448, 447	10-12T	2
	0980107040TSSC	Wheel Bearing & Seal Kit (Including Seal Carrier)	(Items 421, 422, 424, 428, 430 - 432, 440, 441, 445, 448, 447		2

BPW ECO PLUS 3 HUB-H/R, KH
10-12 TONNE 420 x 180mm BRAKE



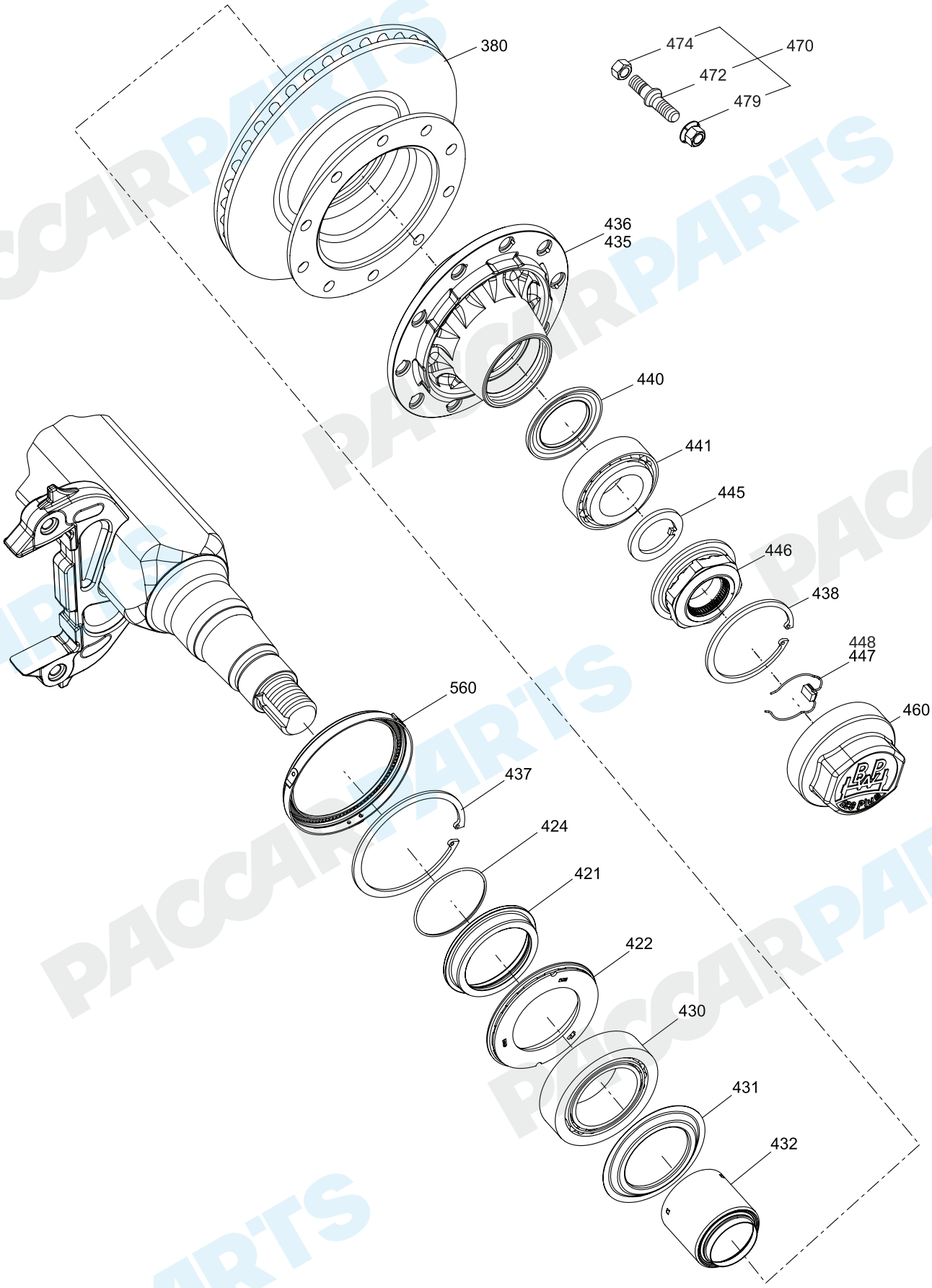
BPW ECO PLUS 3 HUB-H/R, KH
10-12 TONNE 420 x 180mm BRAKE

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	APP.	QTY/ AXLE
380	0310967130	Brake Drum 335 PCD	Ø 420 x 180 / 226 / 290 / 10 x Ø 23 / 335	9T	2
	0310967780		Ø 420 x 180 / 249 / 290 / 10 x Ø 23 / 335	10-12T	2
	0310967740		Ø 420 x 180 / 252,5 / 290 / 10 x Ø 23 / 335	9, 10-12T	2
	0310967870	Brake Drum 285 PCD	Ø 420 x 180 / 253 / 240 / 10 x Ø 23 / 285.75		2
421	0337007820	Seal Carrier			2
422	0256647700	Thrust Ring with Lip Seal			2
424	0256780000	Seal Carrier O-Ring			2
NS	0312048150	Dust Seal			2
430	0264102300	Inner Bearing			2
431	0301093340	Dust Cover, Bearing Shield			2
432	0312045160	Dust Seal			2
435	0327246390	Hub KH10 8 Stud 275 PCD -D/AL Drum		19.5" Wheel Size	2
	0327243460	Hub 10 Stud 335 PCD -D/AL Drum Push In		20"/22.5" Wheel Size	2
	0327247450	Hub H10 10 Stud 285 PCD -D/AL Drum			2
	0980109060	Hub H10 10 Stud 285 PCD -D/AL Drum L/Wt Alu			2
	0580149430	Hub Spider - Dual Wheels	Includes Hub, Wheel Studs, Wheel Nuts & Wheel Clamps		2
	0332876510	Hub 3 Spoke Spider H/R10			2
437	0256065890	Circlip Inner Hub			2
438	0256062290	Circlip Outer Hub			2
440	0337026240	Thrust Ring			2
441	0264102200	Outer Bearing			2
447	0327700070	Locking Wedge Axle Nut			2
448	0318804100	Locking Ring For Wedge			2
459	0256787200	O-Ring Hub Cap			2
460	0321229060	Hub Cap	Use with O-ring (Item 459)		2
	0321229088CTS	Hub Cap Chrome	M135 x 2, 70(H)x110(W)		2
470	0980623500	Wheel Stud Assembly	Contains 472(0329623240), 474(0326004060) & 479(0526054100)		20
560	0331008140	Exciter Ring	Ø 176 / 194 x 15 (100 Z)		2

KIT PART NUMBER LISTING					
KIT	0580700440	Axle Nut & Washer Kit	Items 445 & 446		2
	0980107050TS	Wheel Bearings & Seal Kit	(Items 422, 428, 430, 431, 440, 441, 447, 448)		2
	0980107050TSSC		(Items 422, 428, 430, 431, 440, 441, 447, 448, 424, 432)		2

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

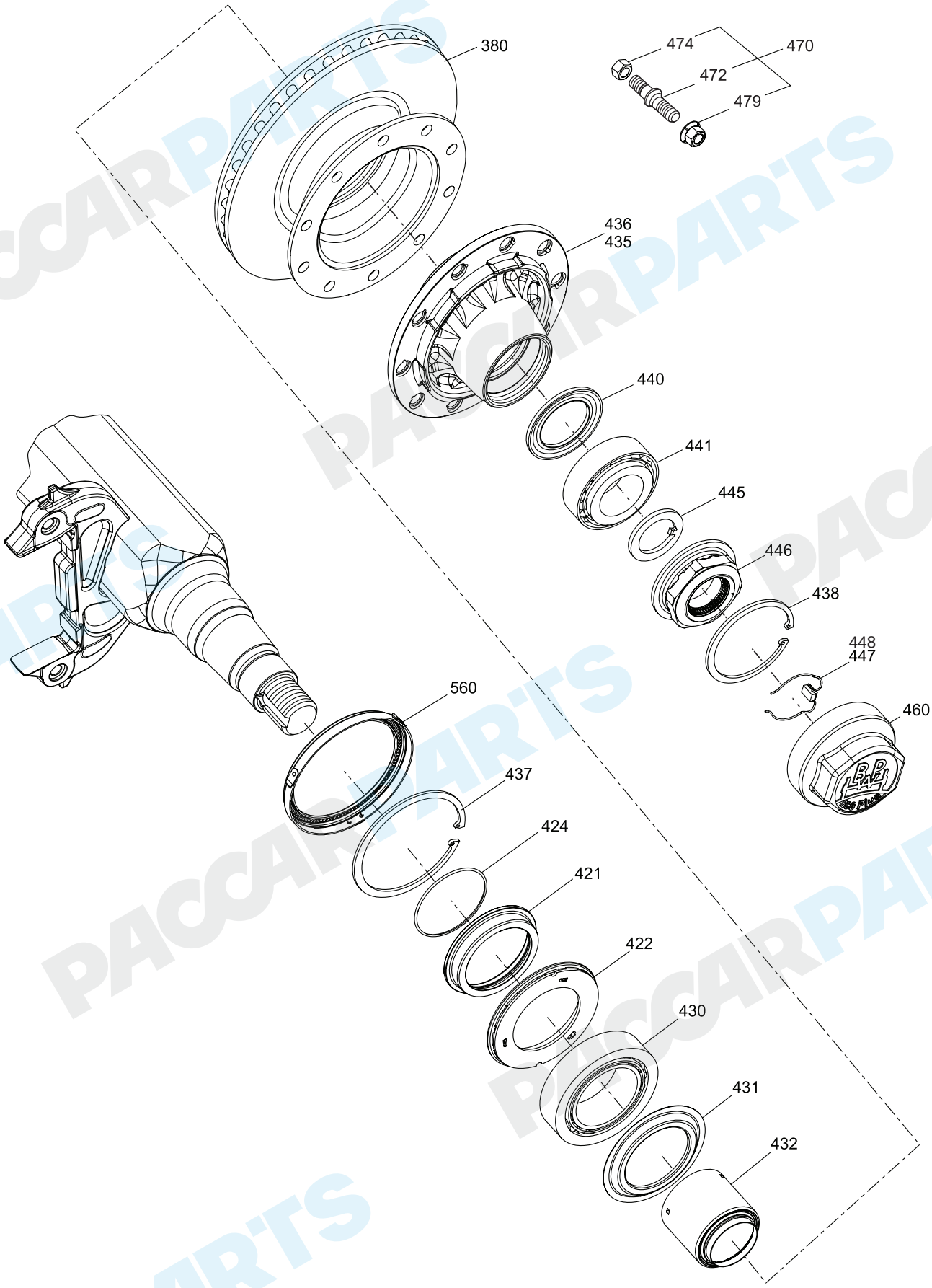
ECO PLUS 3 HUB DISC BRAKE
10-12 TONNE



ECO PLUS 3 HUB DISC BRAKE
10-12 TONNE

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	APP.	QTY/ AXLE
380	0308834150	Rotor 8 Stud 275mm PCD		TSB 3709	2
	0308834160	Rotor 8 Stud 275mm PCD for ABS			2
	0308835120	Rotor 10 Stud 335mm PCD		TSB 4309	2
	0308835140	Rotor 10 Stud 285mm PCD			2
421	0337007820	Seal Carrier			2
422	0256647700	Thrust Ring With Seal			2
424	0256780000	O-Ring Seal Carrier			2
430	0264102300	Inner Bearing			2
431	0301093340	Dust Cover			2
432	0312045160	Dust Seal			2
435	0327244510	Hub NH101 10 Stud 225 PCD - D/AL	15"/17.5" Wheel Size	10-12 T	2
	0327246380	Hub SKH10 8 Stud 275 PCD - D/AL Disc	19.5" Wheel Size		2
	0327243470	Hub SH101 10 Stud 335 PCD - D/AL Disc Push In	20"/22.5" Wheel Size		2
	0327247440	Hub H10 10 Stud 285 PCD - D/AL Disc			2
	0980109050	Hub H10 10 Stud 285 PCD - D/AL Disc L/Wt Alu			2
436	0260103960	Peg 6mm Alloy Hub		10-12 T	20
437	0256065890	Circlip Inner Hub			2
438	0256062290	Circlip Outer Hub			2
440	0337026240	Thrust Ring			2
441	0264102200	Outer Bearing			2
445	0332065050	Washer			2
446	0580700440	Axle Nut & Washer Kit		Eco Plus Retrofit	2
	0326647030	Axle Nut	M 52 x 2 / Ø 120 SW 80	Eco Retrofit Kit	2
	0326217120		M 52 x 2 / Ø 106 SW 80	Eco Retrofit Conv Beam	2
447	0327700070	Pin/Wedge Axle Nut		Eco Plus Retrofit	2
	0308471170			Eco Retrofit Kit	2
	0326217120			Eco Retrofit Conv Beam	2
448	0318804100	Locking Ring Axle Nut		Eco Plus Retrofit	2
	0318804080			Eco Retrofit Kit	2
460	0321229088CTS	Hub Cap with O-Ring	Chrome	10-12 T	2
	0321229060TS		Steel	Eco Retrofit Kit	2
				Eco Retrofit Conv Beam	2
				Eco Plus Retrofit	2
470	0980623500	Wheel Stud Assembly	Contains 472(0329623240), 474(0326004060) & 479(0526054100)		20
560	0331008140	Exciter Ring			2

ECO PLUS 3 HUB DISC BRAKE CONTINUED
10-12 TONNE



ECO PLUS 3 HUB DISC BRAKE CONTINUED
10-12 TONNE

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	APP.	QTY/ AXLE
KIT PART NUMBER LISTING					
KIT	0980107050TS	Wheel Bearing & Seal Kit		10-12 T	2
	0980107050TSSC	Wheel Bearing & Seal Kit (Inc Seal Carrier, O-Ring)			2
	0980107092TS	EP3-Eco Retrofit*	Inc 421-460		2
	0980107092EPTS	EP3-Eco Plus Retrofit*	Inc 421, 422, 424, 430, 431, 432, 440, 441, 446-460		2
	0980107092C0NVTS	EP3-Eco Retrofit Conv Beam*	Inc 421, 422, 424, 430, 431, 440, 441, 446, 447, 460		2

*Note

Retrofit Wheel Bearing and Seal Kits

When an Eco Plus 3 Hub is used to replace a Conventional Spider, Conventional 1⅞5, ECO 1⅞5 or Eco Plus 1⅞5 hub then a retrofit Wheel Bearing and Seal Kit must also be fitted

There are three retrofit kits

1. Item number = **0980107092EPTS** Description= EP3-**ECO PLUS RETROFIT** (This kit suits ECO PLUS axle beams with the keyway through the axle nut thread, these were used from late 2008 on axles with ECO PLUS hubs)
2. Item number 2 = **0980107092TS** Description= EP3-**ECO RETROFIT** (This kit suits ECO axle beams with the keyway through the axle nut thread, these were used from early 1996 on axles with ECO hubs and axles with Conventional hubs)
3. Item number 3 = **0980107092C0NVTS** Description= EP3-**ECO RETROFIT CONV BEAM** (This kit suits older conventional beams that do not have a keyway through the axle nut thread)

Fuwa

K HITCH

AXLE IDENTIFICATION 70

KF12 DRUM BRAKE AXLE 74
420mm x 180mm Q BRAKES - (22.5″)
9T UNITISED

KK44 DRUM BRAKE AXLE 78
311 x 190mm Q BRAKES
(LOW LOADER) - (15″-17.5″) - TN

KF37 DRUM BRAKE AXLE 82
380 x 220mm Q BRAKES - (19.5″) - TN

KF22 & KF29 DRUM BRAKE AXLE 86
420 x 180mm BRAKES - (22.5″)
TN, CONMET PRESET PLUS

KF22 & KF29 DRUM BRAKE AXLE 92
420 x 180mm BRAKES - (22.5″)
TP & MBS Ø146, CONMET PRESET PLUS

KF22 & KF29 DRUM BRAKE AXLE 98
420 x 180mm BRAKES - (22.5″) - UNITISED

KF21 HD DRUM BRAKE AXLE 102
420 x 180mm XEM BRAKES - (22.5″) - TP

KF61 DRUM BRAKE AXLE 106
420 x 180mm XEM BRAKES
150 SQUARE AXLE - TP

KF75 DRUM BRAKE AXLE 110
420 x 220mm XEM BRAKES
150 SQUARE AXLE - TN-HD

KF85 DRUM BRAKE AXLE 114
420 x 220mm XEM BRAKES
150 SQUARE - TN-XHD

KSS1 SELF STEER AXLE 118
420 x 180mm Q BRAKES - TN

KF26, KF36 DISC BRAKE AXLE 122
PAN 19 - TN, TP, UNITISED

KF23 DISC BRAKE AXLE 126
PAN 22 - TP CONMET PRESET PLUS

FB24 DISC BRAKE AXLE 130
PAN 22 TN-HD

AXLE IDENTIFICATION

DRUM BRAKE

MODEL SERIES	CAPACITY TON	AXLE BEAM SIZE	BEARING TYPE	BRAKE TYPE	S-CAM SIZE	S-CAM TYPE	WHEEL END OPTIONS
KF12	9t	Ø127x16	Unitised	Ø420x180 (16.5"x7") GP - 'Q' Brake	1-½" 10 Spline	Enclosed	10x285
KK44	10.5t	Ø127x16	TN	Ø311x190 (12.25"x7.5")	1-½" 10 Spline	Open	3 Spoke-15" 10x225-17.5"
KF37	11.5t	Ø127x16	TN Unitised	Ø380x220 (15"x 8-⅝")	1-½" 10 Spline	Open	8x275-19.5"
KF22 KF29	11.5t	Ø127x16	TP TN Unitised	Ø420x180 (16.5"x7") GP - 'Q' Brake 'P' Brake	1-½" 10 Spline	Enclosed	10x285 10x335 5 Spoke
KF21	11.5t	Ø127x19	TP	Ø420x180 (16.5"x7") XEM	1-⅝" 37 Spline	Enclosed	10x285 10x335 5 Spoke
KF61	13t	150x15*	TP	Ø420x180 (16.5"x7") XEM	1-⅝" 37 Spline	Enclosed	10x285 10x335 5 Spoke
	12t	150x15*					
KF67	13t	150x15*	ConMet Preset	Ø420x180 (16.5"x7") GP - 'P' Brake	1-½" 10 Spline	Enclosed	10x285
	12t	150x15*					
KF75	16.9t	150x18*	TN-HD	Ø420x220 (16.5"x8-⅝") XEM	1-⅝" 37 Spline	Enclosed	10x335
KF85	20t	150x18*	TN-XHD	Ø420x220 (16.5"x8-⅝") XEM	1-⅝" 37 Spline	Enclosed	10x335-M24

*Note: *Mechanical suspension ONLY! **Air suspension ONLY!*

DISC BRAKE

MODEL SERIES	CAPACITY TON	AXLE BEAM SIZE	BEARING TYPE	BRAKE TYPE	WHEEL END OPTIONS
KK36	11.5t	Ø127x15	TN Unitised	PAN 19 – Ø377 Rotor	8x275
KF26	11.5t	Ø127x15	TP TN Unitised	PAN 19 – Ø377 Rotor	10x285 10x335 5 Spoke
KF23	13t	Ø127x18	TP ConMet	PAN 22 – Ø430 Rotor	10x285
	12t	150x15**			
FB24	17t	150x18	TN - HD	PAN 22 – Ø430 Rotor	10x335



AXLE IDENTIFICATION

KF1	9.0T 22.5 Dual Wheel
KF2	11.5T 22.5 Dual Wheel
KF3	9.0T 19.5 Dual Wheel
KK2	11.5T 22.5 Dual Wheel Local
KK4	10.5T 15 & 17.5 Dual Wheel
KSS	10.0T Self Steer

F	Oil / Semifluid
G	Grease

J	¾" Rim Clamp
K	Short Steel Wheel
L	Long Alu Wheel

A	Ø146x10 MBS
N	Ø127x16
P	Ø127x19
U	127x127
R	150x150x10
S	150x150x15

30	Long Tube
32	No Tube
33	Self Steer
XX	Disc

S	Straight
CAM	Cambered

KF2	2	B	G	15	L	1850	N	30	V	S	A

1	420x180 XEM
2	420x180 Q
3	PAN22
4	311x180
6	PAN19
7	380x220 19.5"
9	420x180 HD P

A	TN
B	TP
U	Unitised
PA	Preset TN
PB	Preset TP
CA	ConMet TN
CB	ConMet TP

14	5 & 3 Spoke
15	10x285 10x225
16	10x335
17	10x285 Duralite
18	10x285 Alu Preset
19	8x275

1820	Track mm
1850	
1956	

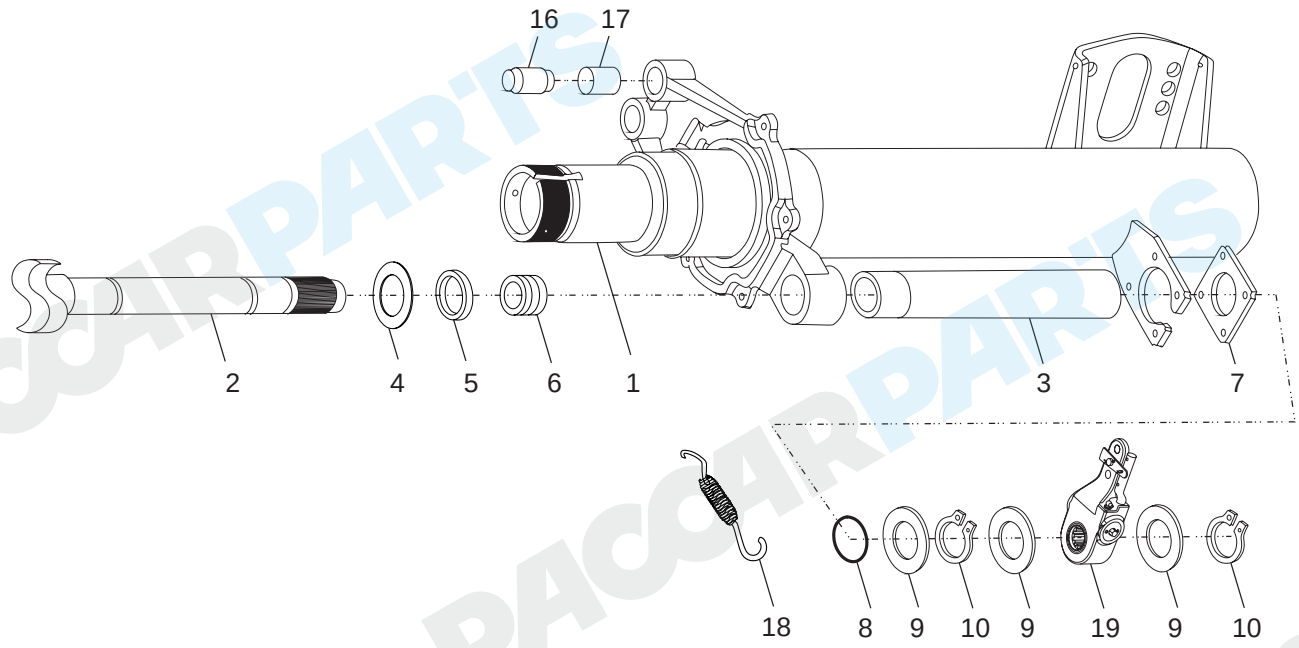
V	Centrifuse Drums
W	Auto Slack
ABS	ABS
Z	Truturn Drums

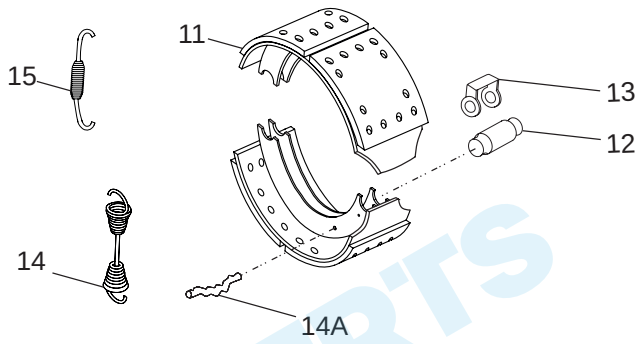
A	Booster Location
A1	
B	
B1	

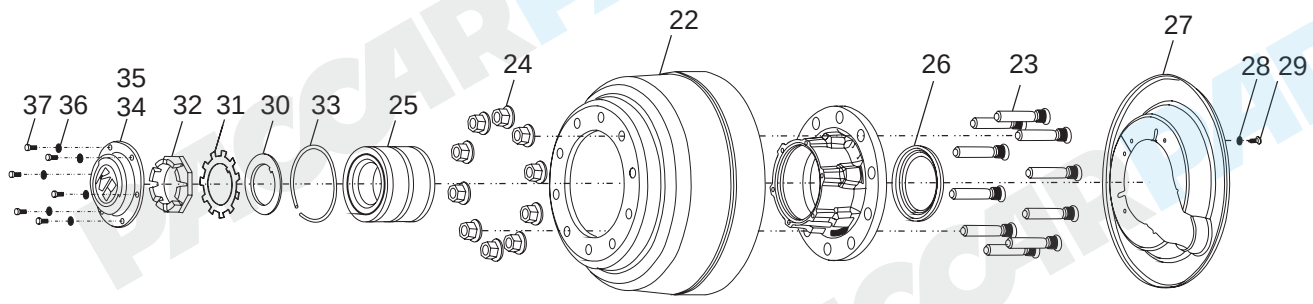
PACCARPARTS

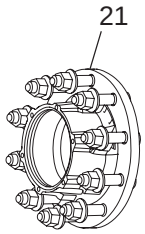
NOTES

KF12 DRUM BRAKE AXLE
420 x 180mm Q BRAKES - (22.5") - 9T UNITISED









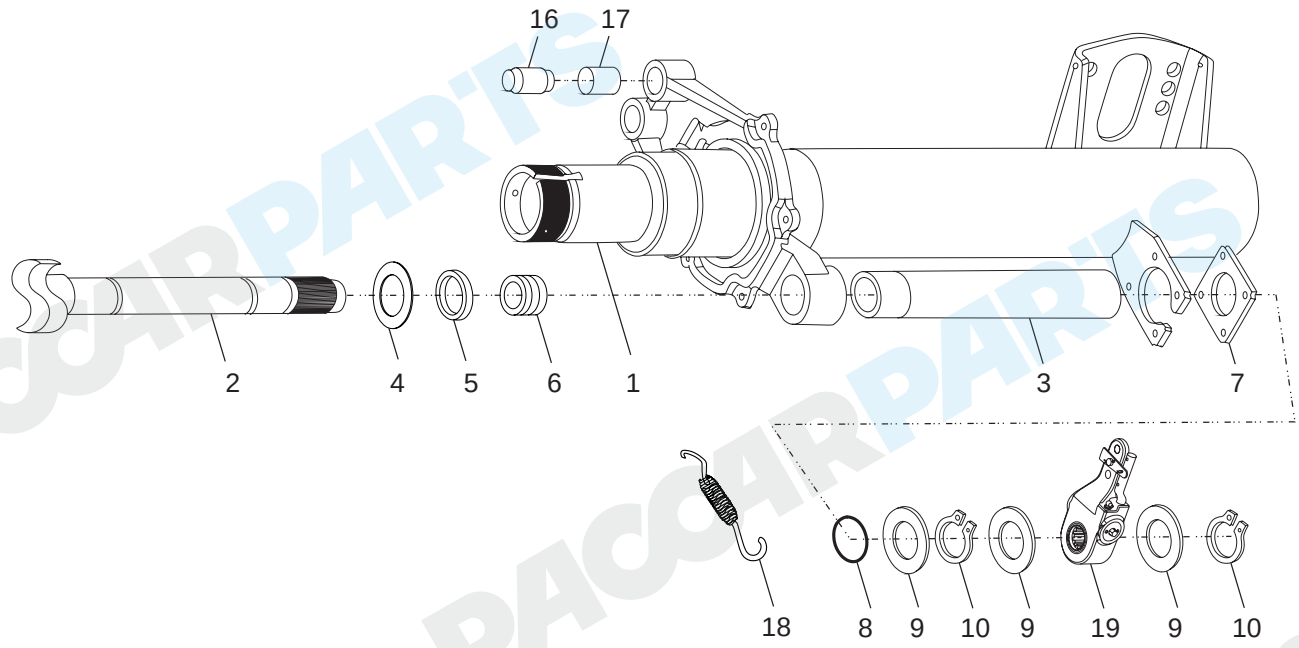
HUB ASSEMBLY

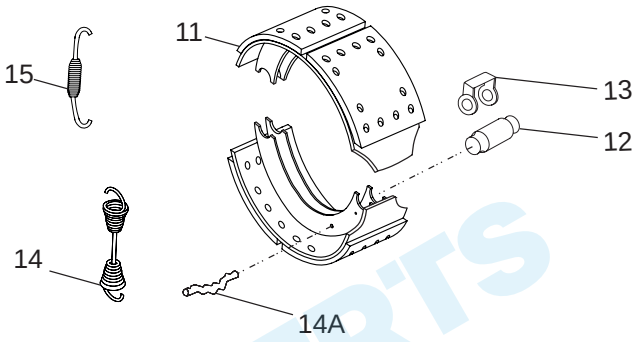
KF12 DRUM BRAKE AXLE
420 x 180mm Q BRAKES - (22.5") - 9T UNITISED

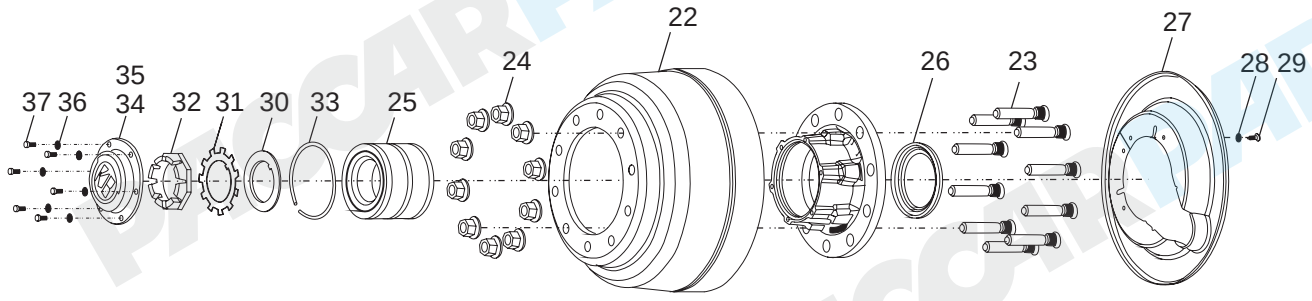
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	KF12FX13X1820N30	Beam & Brake Assembly	1820 - Sold as Axle Assy, PN for ref only	1
	KF12FX13X1850N30		1850 - Sold as Axle Assy, PN for ref only	1
2	C11-0201C-604LH	Camshaft – LH (604mm) 10 Spline		1
	C11-0201C-604RH	Camshaft – RH (604mm) 10 Spline		1
3	C30-0201-604	Cam Tube Assembly	Contained in Kit A: C30-0201-604K	2
4	C15-0102	Washer, Camshaft Spacer		2
5	C14-0201	Seal, Camshaft Outer		2
6	C13-0201	Camshaft Bush (Spider)		2
7	C33-0201	Camshaft, Mounting Plate		2
8	C24-0401	O-Ring, Cam Tube Inner		2
9	C15-0102	Washer, Camshaft Spacer		6
10	C16-0501	Circlip, Camshaft Inner		4
11	NSS	Shoe Set (2)	Contained in Kit B: D20-020101K (Brake Shoe Kit)	2
12		Roller	Contained in Kit B: D20-020101K (Brake Shoe Kit) & Kit C: D20-020101H (Brake Hardware Kit)	4
13		Roller Retainer		4
14		Return Spring		2
14A		Retaining Pin		2
15		Anchor Spring		2
16		Anchor Pin		4
17		Anchor Pin Bush		4
18	A20-0101	Return Spring, Slack Adjuster		2
19	ASC21112	Auto Slack Adjuster	Automatic (Optional)	2
	KH278323EF	Positive Lock Slack Adjuster	Manual	2
21	H31-0502	Hub Assembly – Long Stud		2
22	KH3602-0303	Drum		2
23	H33-0307	Stud Long (M22 x 122)		20
24	KH800096	Nut M22 x 32 A/F		20
	H34-0901	Nut M22 x 32 A/F – 50mm Long	Optional	20
	KH800238	Nut M22 x 33 A/F		20
25	BTH-0055D	Bearing Cartridge (9T)	Contained in Kit E: AXK1T-07 (Wheel Bearing Kit)	2
26	KH47690	Seal	Contained in Kit E: AXK1T-07 (Wheel Bearing Kit)	2
27	H18-0101	Dust Cover		2
28	KH800055	Spring Washer		12
29	M8X16X1.75	Bolt – Dust Cover – M8		12
30	N300003-001	Washer, Bearing	Contained in Kit D: AXK1T-06 (Axle Nut Kit) & Kit E: AXK1T-07 (Wheel Bearing & Seal Kit)	2
31	N300002-001	Lock Tab		2
32	N300004-001	Nut Spindle		2
33	N300005-001	Snap Ring	Contained in Kit E: AXK1T-07 (Wheel Bearing & Seal Kit)	2
34	N300015-001	O-Ring – Hub Cap	Contained in Kit E: AXK1T-07 (Wheel Bearing & Seal Kit)	2
35	N300006-001	Hub Cap – Aluminium – Ø162 PCD		2
36	KH800055	Washer – Hub Cap Bolt		12

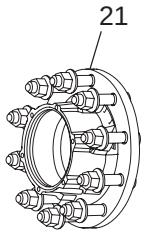
KF12 DRUM BRAKE AXLE CONTINUED

420 x 180mm Q BRAKES - (22.5") - 9T UNITISED









HUB ASSEMBLY

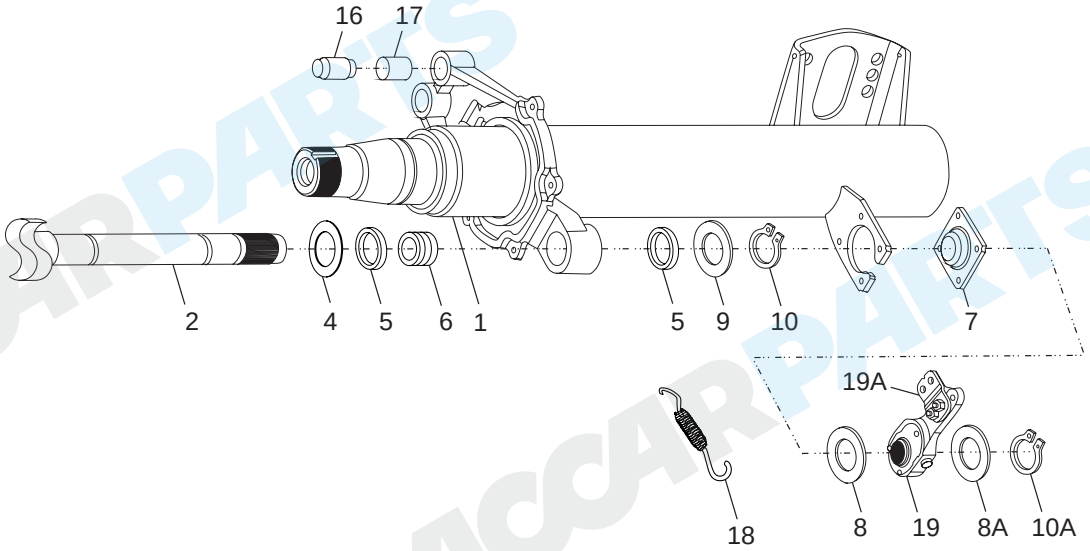
KF12 DRUM BRAKE AXLE CONTINUED
420 x 180mm Q BRAKES - (22.5") - 9T UNITISED

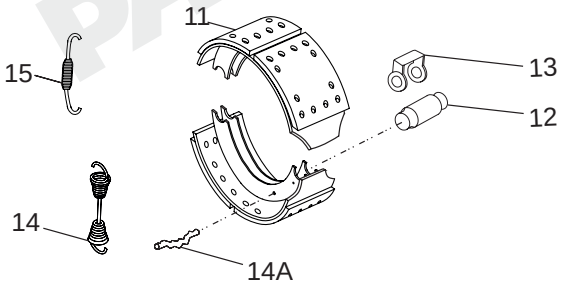
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
37	KH800122	Bolt - Hub Cap – 5/16"		12
NS	A15-0202	ABS Sensor Lead (Straight)	Contained in Kit F: ABSK1T-01	2
	A16-0101	Sleeve		2
	H41-0201	ABS Pole Ring – 100 Tooth – Ø165 ID		2

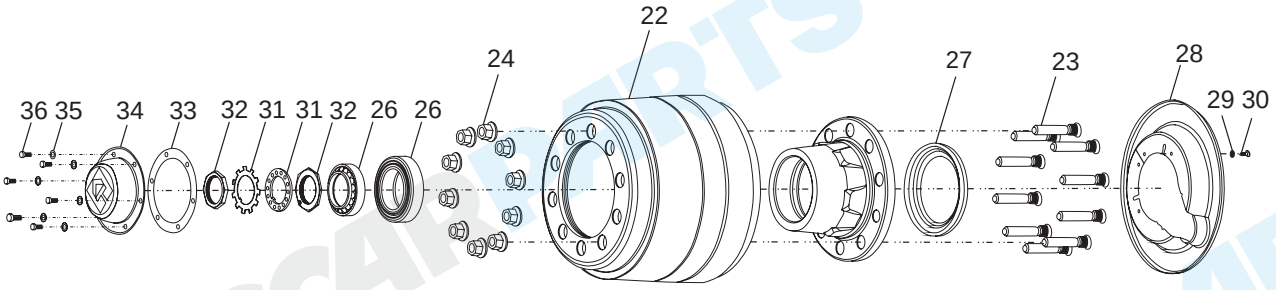
KIT PART NUMBER LISTING				
Kit A	C30-0201-604K	Cam Tube Kit (Suit 1 Cam)	Kit Suits: Unitised 1,820mm & 1,850mm Track Axle Includes Item No: 3 - 10	2
Kit B	D20-020101K	Shoe Kit (1 Wheel)	Kit Suits: KF12 Axle Includes Item No: 11 - 17	2
Kit C	D20-020101H	Brake Hardware Kit (1 Wheel)	Kit Suits: KF12 Axle - 420mm x 180mm Q Brakes Contained in Kit B: D20-020101K (Brake Shoe Kit) Includes Item No: 12 - 17	2
Kit D	AXK1T-06	Axle Nut Kit	Kit Suits: Unitised KF12 9T Axle Contained in Kit F: AXK1T-07 Includes Item No: 30 - 32	2
Kit E	AXK1T-07	Wheel Bearing & Seal Kit	Kit Suits: Unitised KF12 9T Axle Includes Item No: 25, 26, 30 - 34	2
Kit F	ABSK1T-01	ABS Kit	Kit Suits: Unitised KF12 Axle	1

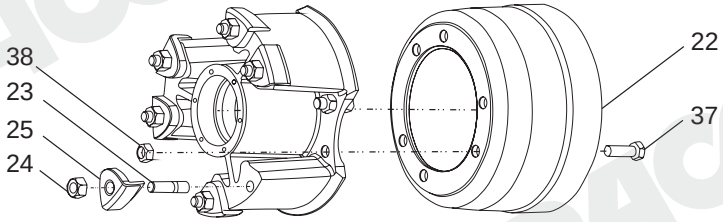
KK44 DRUM BRAKE AXLE

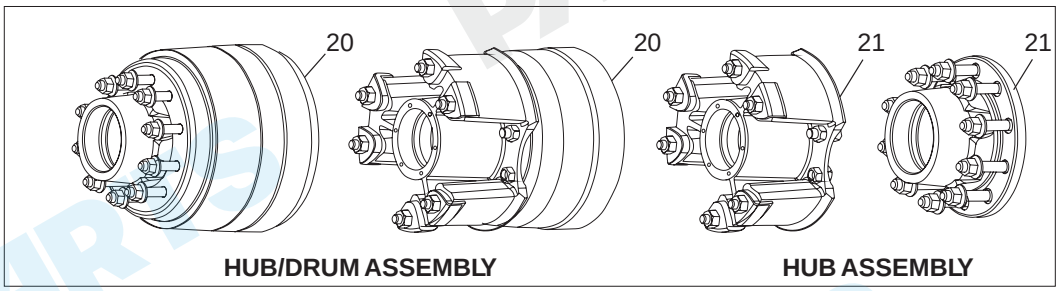
311 x 190mm Q BRAKES - (LOW LOADER) - (15"-17.5") - TN









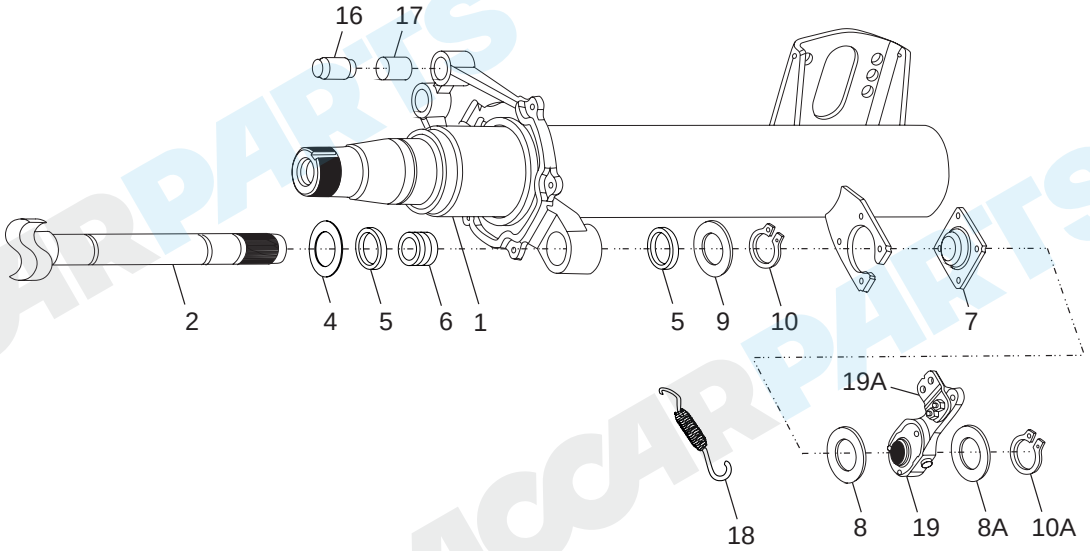


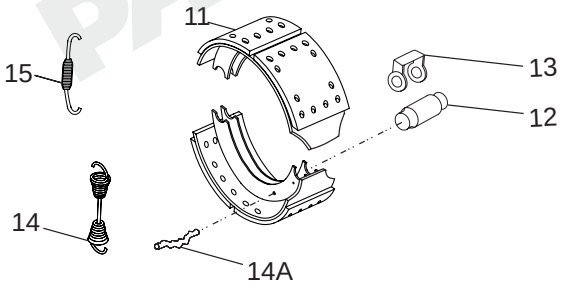
KK44 DRUM BRAKE AXLE
311 x 190mm Q BRAKES - (LOW LOADER) - (15"-17.5") - TN

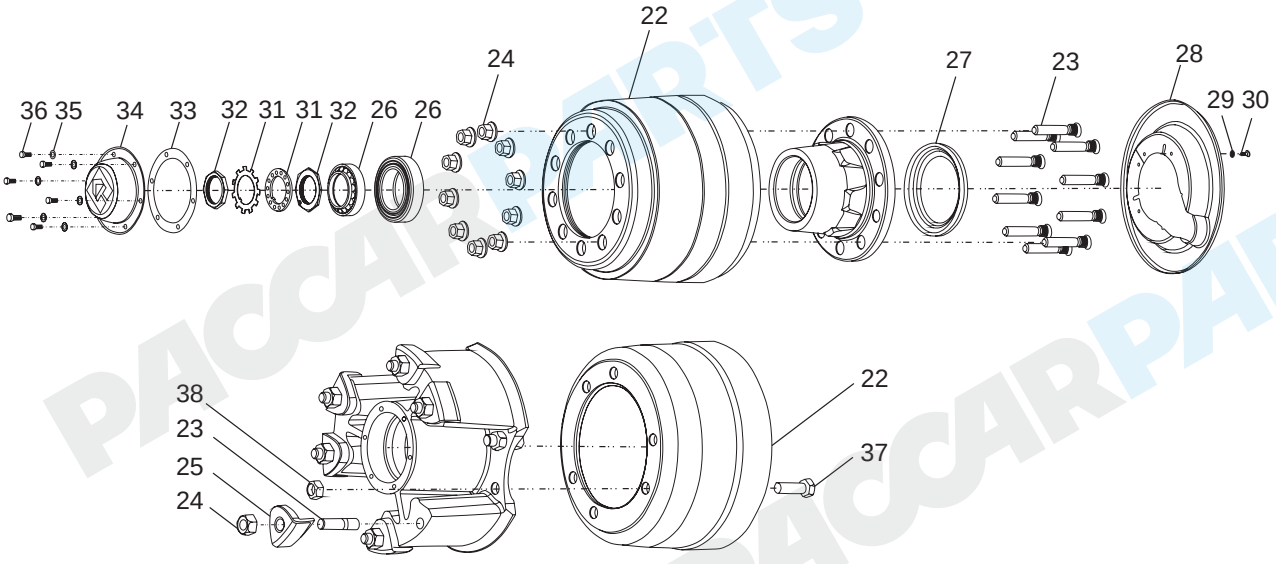
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	KK44AX13X1820N32	Beam & Brake Assembly	1820 - Sold as Axle Assy, PN for ref only	1
	KK44AX13X1850N32		1850 - Sold as Axle Assy, PN for ref only	1
	KK44AX13X1956N32		1956 - Sold as Axle Assy, PN for ref only	1
2	KH3304-2011	Camshaft – LH (605mm) 10 Spline		1
	KH3304-2012	Camshaft – RH (605mm) 10 Spline		1
4	C12-0301	Washer, Camshaft Spacer	Contained in Kit A: KK44CBK1T	2
5	C24-0501	Seal, Camshaft Outer		4
6	C13-0401	Camshaft Bush (Spider)		2
7	C20-0201	Bearing Assembly – Camshaft		2
8	C15-0102	Washer, Slack Adjuster (Thin)		2
8A	C15-0108	Washer, Slack Adjuster (Thick)		2
9	C15-0103	Washer, Camshaft Spacer		2
10	C16-0401	Circlip, Camshaft Inner		2
10A	C16-0601	Circlip, Slack Adjuster		2
11	D20-050101	Shoe Set (2)		2
12	NSS	Roller	Contained in Kit B: D20-050101H (Brake Hardware Kit)	4
13		Roller Retainer		4
14		Return Spring		2
14A		Retaining Pin		4
15		Anchor Spring		2
16		Anchor Pin		4
17		Anchor Pin Bush		4
18	A20-0101	Return Spring, Slack Adjuster		2
19	617103001EF	Positive Lock Slack Adjuster	Manual (Curved Arm)	2
	ASC21112	Auto Slack Adjuster	Automatic (Optional)	2
19A	A31-0301	Slack Adjuster Adaptor Kit		2
20	H30-9401	Hub/Drum Assembly - Short Stud	10 x 225, 17.5"	2
	H30-9401Z	Hub/Drum Assembly - Long Stud		2
	001-70003	Hub/Drum Assembly	3 Spoke, 15"	2
21	H31-9401	Hub Assembly – Short Stud	10 x 225, 17.5"	2
	H31-9401Z	Hub Assembly – Long Stud		2
	001-7000	Hub Assembly	3 Spoke, 15"	2
22	H32-9401	Drum	10 x 225, 17.5"	2
	52743-11		3 Spoke, 15"	2
23	KH800104	Stud (M22 x 100)	10 x 225, 17.5"	20
	KH800239	Stud Long (M22 x 122)		20
	KH800106	Stud ¾" UNC	3 Spoke, 15"	12
24	KH800096	Nut M22 x 32 A/F	10 x 225, 17.5"	20
	H34-0901	Nut M22 x 32 A/F – 50mm Long	Optional - 10 x 225, 17.5"	20
	KH800238	Nut M22 x 33 A/F		20
	KH800098	Nut ¾" UNC	3 Spoke, 15"	12
25	NSS	Rim Clamp	3 Spoke, 15"	12
26	H12-0300	Bearing Inner		2
	H12-0400	Bearing Outer		2
27	373-0243	Seal		2
28	H18-0204	Dust Cover		2
29	KH800055	Spring Washer		12

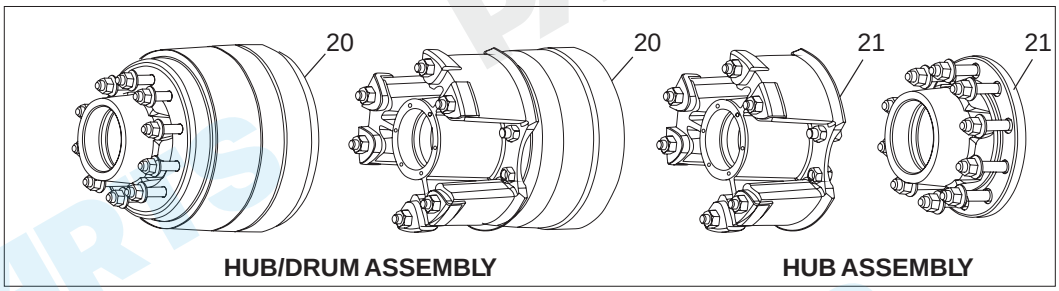
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

KK44 DRUM BRAKE AXLE CONTINUED
311 x 190mm Q BRAKES - (LOW LOADER) - (15"-17.5") - TN







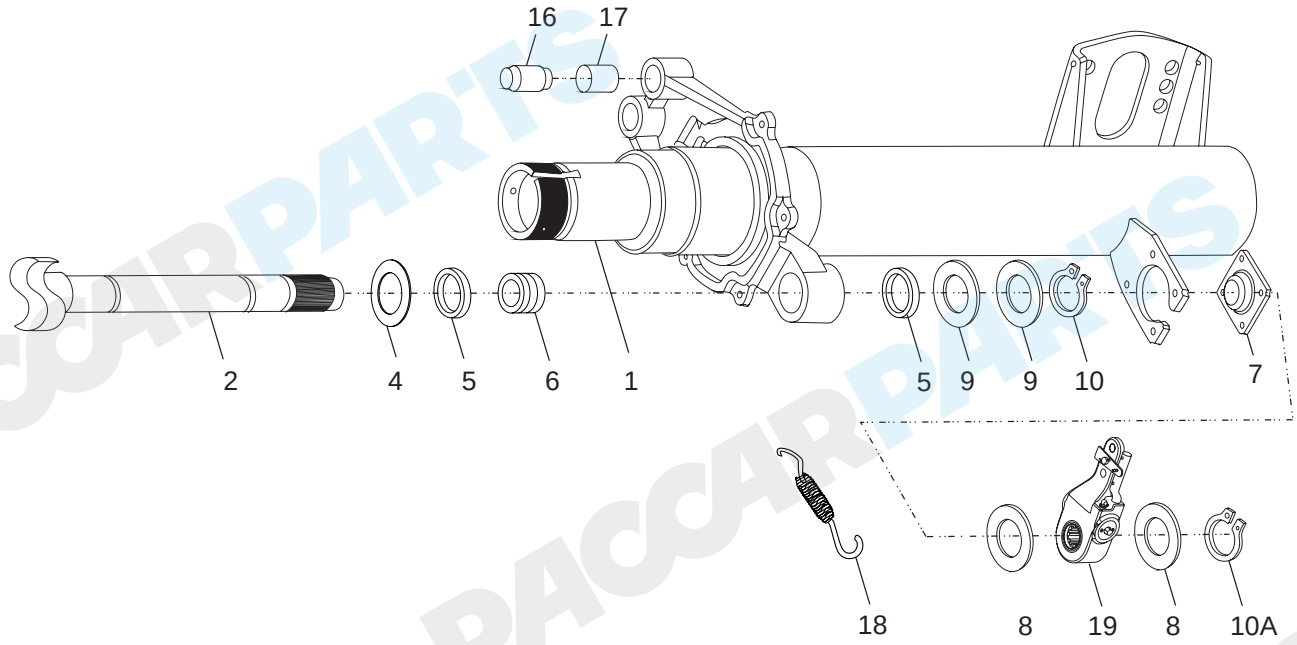


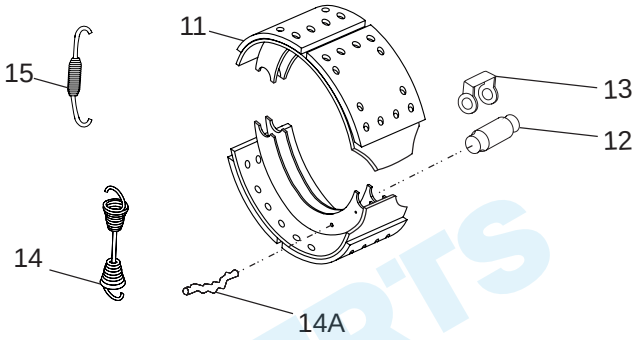
KK44 DRUM BRAKE AXLE CONTINUED
311 x 190mm Q BRAKES - (LOW LOADER) - (15"-17.5") - TN

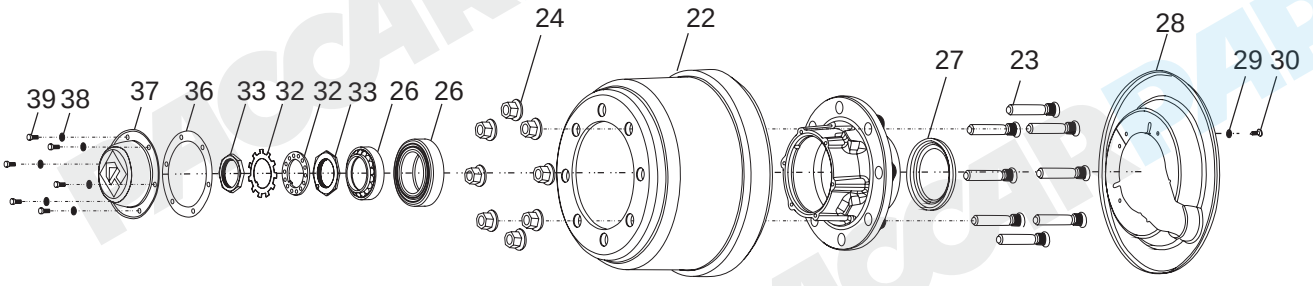
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
30	M8X16X1.75	Bolt – Dust Cover – M8		12
31	A11-0201	Lock Washer	Contained in Kit C: AXK1T-01	2
	A25-0101	Lock Tab		2
32	A12-0201	Nut Spindle - Inner	Contained in Kit C: AXK1T-01	2
	A24-0101	Nut Spindle - Outer		2
33	330-3009	Gasket - Hub Cap		2
34	KH800110B	Hub Cap – Black – Ø139.7 PCD		2
35	KH800055	Washer - Hub Cap Bolt		12
36	KH800122	Bolt - Hub Cap – 5/16"		12
37	NSS	Bolt – 5/8" UNF x 2" – GR8	3 Spoke, 15"	12
38	NSS	Conelock Nut – 5/8" UNF – GR8	3 Spoke, 15"	12
NS	A15-0101	ABS Sensor Lead (400mm)	Contained in Kit D: ABSK1T-04	2
	A16-0101	Sleeve		2
	H41-0501	ABS Pole Ring – 80 Tooth – Ø162 ID		2

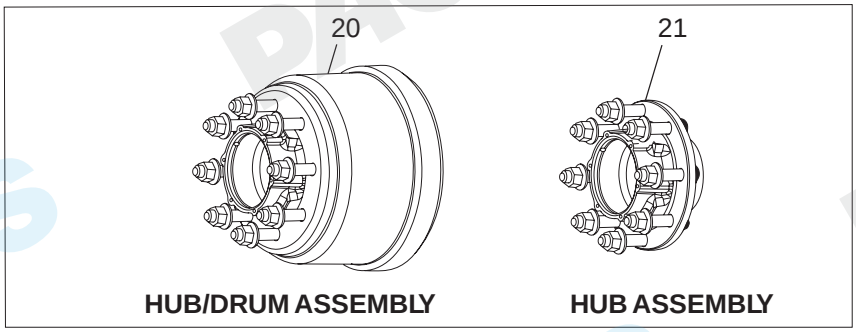
KIT PART NUMBER LISTING				
Kit A	KK44CBK1T	Camshaft Bush Repair Kit (Suit 1 Cam)	Kit Suits: KK44 Axle Includes Item No: 4 - 10A	2
Kit B	D20-050101H	Brake Shoe Hardware Kit	Kit Suits: KK44 Axle - 311mm x 190mm Q Brakes Includes Item No: 12 - 17	2
Kit C	AXK1T-01	Axle Nut Kit - TN	Kit Suits: TN Axle Includes Item No: 31 - 32	2
Kit D	ABSK1T-04	ABS Kit	Kit Suits: KK44 Axle	1

KF37 DRUM BRAKE AXLE
380 x 220mm Q BRAKES - (19.5") - TN







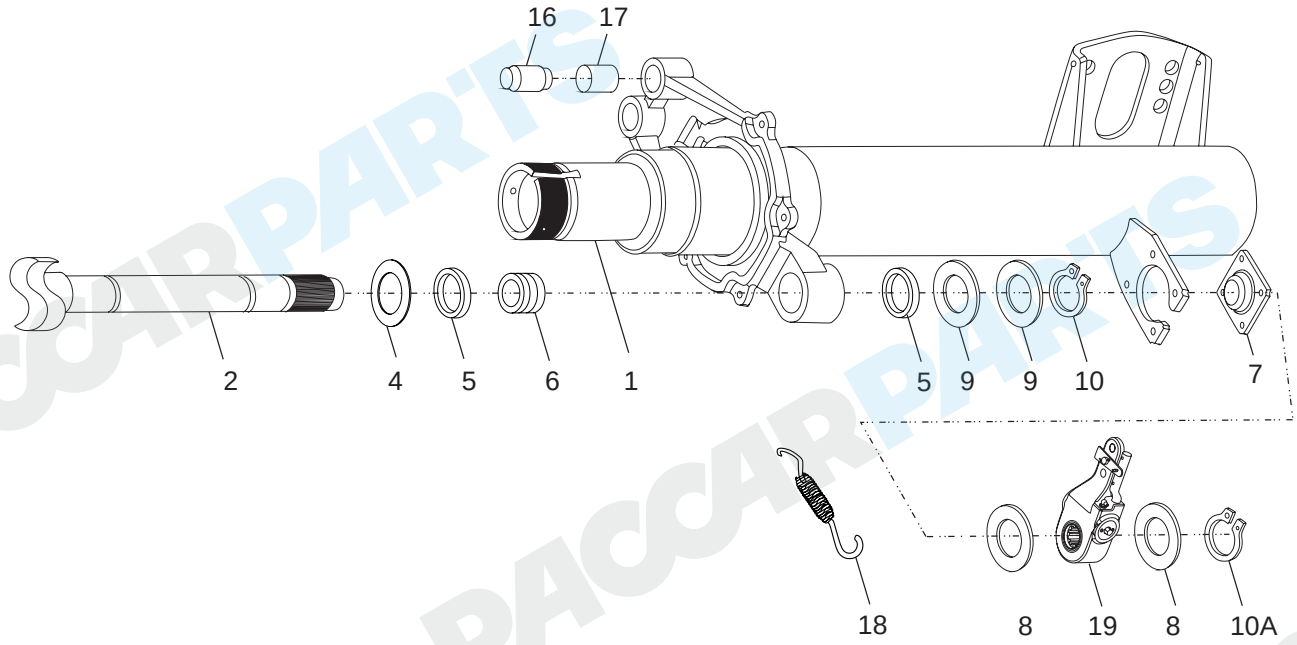


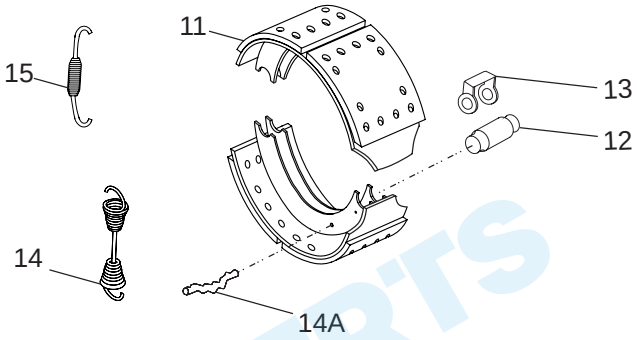
KF37 DRUM BRAKE AXLE
380 x 220mm Q BRAKES - (19.5") - TN

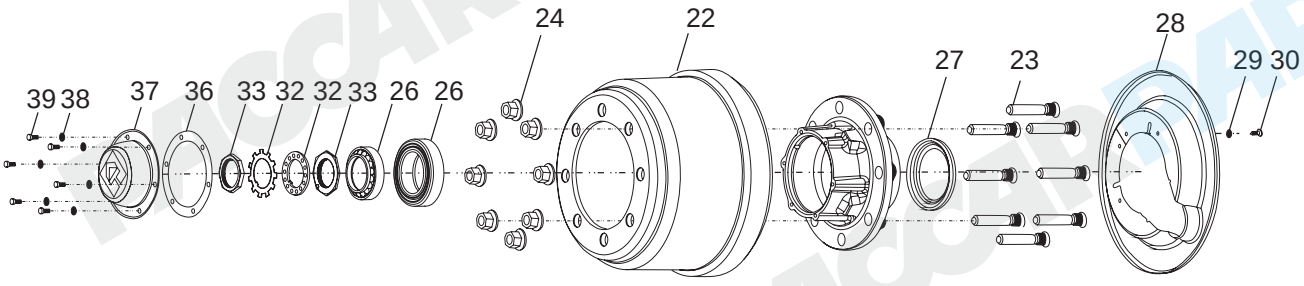
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	KF37AX12X1820N30	Beam & Cam Assembly	1820 - Sold as Axle Assy, PN for ref only	1
	KF37AX12X1850N30		1850 - Sold as Axle Assy, PN for ref only	1
	KF37AX13X1820N30	Beam & Brake Assembly	1820 - Sold as Axle Assy, PN for ref only	1
	KF37AX13X1850N30		1850 - Sold as Axle Assy, PN for ref only	1
2	C11-0602C-618LH	Camshaft – LH (618mm) 1-½" 10 Spline		1
	C11-0602C-618RH	Camshaft – RH (618mm) 1-½" 10 Spline		1
4	C12-0102	Washer, Camshaft Spacer	Contained in Kit A: KF37CBK1T	2
5	C14-0301	Seal, Camshaft		4
6	C13-0301	Camshaft Bush (Spider)		2
7	C20-0201	Bearing Assembly – Camshaft		2
8	C15-0102	Washer, Camshaft Spacer		4
9	C15-0101	Washer, Camshaft Spacer		4
10	C16-0201	Circlip, Camshaft Inner		2
10A	C16-0501	Circlip, Camshaft		2
11	D20-070101	Shoe Set (2)		2
12	NSS	Roller	Contained in Kit B: D20-020101H (Brake Hardware Kit)	4
13		Roller Retainer		4
14		Return Spring		2
14A		Retaining Pin		4
15		Anchor Spring		2
16		Anchor Pin		4
17		Anchor Pin Bush		4
18	A20-0101	Return Spring, Slack Adjuster		2
19	ASC21112	Auto Slack Adjuster	Automatic (Optional)	2
	KH278323EF	Positive Lock Slack Adjuster	Manual	2
20	H30-9901	Hub/Drum Assembly – Short Stud		2
	H30-9901Z	Hub/Drum Assembly – Long Stud		2
21	H31-9901	Hub Assembly – Short Stud		2
	H31-9901Z	Hub Assembly – Long Stud		2
22	H32-9901	Drum		2
23	KH800104	Stud Short (M22 x 94)		16
	KH800239	Stud Long (M22 x 122)		16
24	KH800096	Nut M22 x 32 A/F		16
	H34-0901	Nut M22 x 32 A/F – 50mm Long	Optional	16
	KH800238	Nut M22 x 33 A/F		16
26	H12-0300	Bearing Inner		2
	H12-0400	Bearing Outer		2
27	373-0243	Seal		2
28	H18-0401	Dust Cover		2
29	KH800055	Spring Washer		12
30	M8X16X1.75	Bolt – Dust Cover – M8		12
32	A11-0201	Lock Washer	Contained in Kit C: AXK1T-01	2
	A25-0101	Lock Tab		2
33	A12-0201	Nut Spindle – Inner	Contained in Kit C: AXK1T-01	2
	A24-0101	Nut Spindle – Outer		2

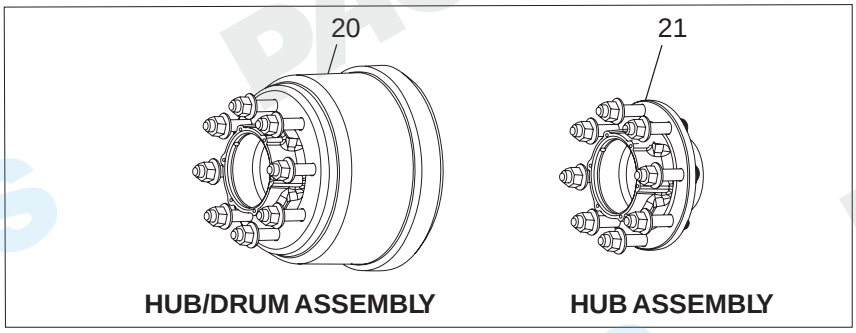
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

KF37 DRUM BRAKE AXLE CONTINUED
380 x 220mm Q BRAKES - (19.5") - TN









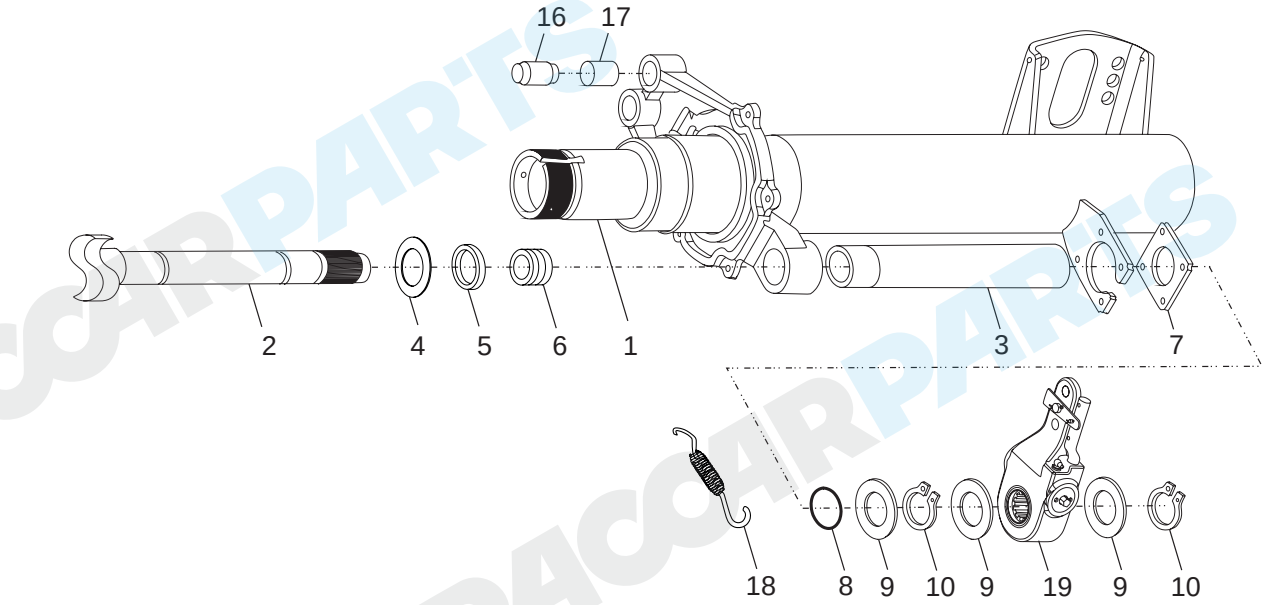
KF37 DRUM BRAKE AXLE CONTINUED
380 x 220mm Q BRAKES - (19.5") - TN

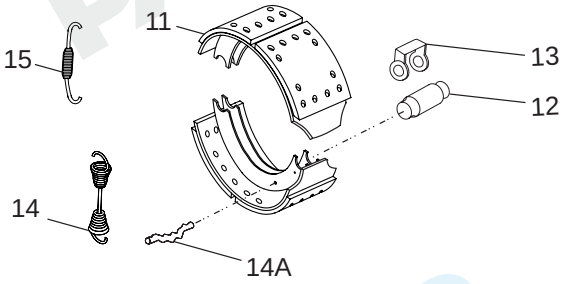
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
36	330-3009	Gasket – Hub Cap		2
37	KH800110B	Hub Cap – Black – Ø139.7 PCD		2
38	KH800055	Washer – Hub Cap Bolt		12
39	KH800122	Bolt – Hub Cap – 5/16"		12
NS	A15-0202	ABS Sensor Lead (Straight)	Contained in Kit D: ABSK1T-01	2
	A16-0101	Sleeve		2
	H41-0201	ABS Pole Ring – 100 Tooth – Ø165 ID		2

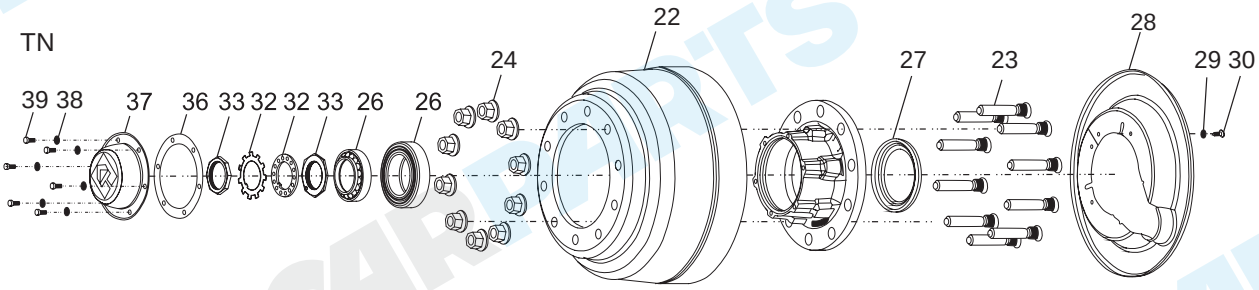
KIT PART NUMBER LISTING				
Kit A	KF37CBK1T	Camshaft Bush Repair Kit (Suit 1 Cam)	Kit Suits: KF37 Axle Includes Item No: 4 - 10A	2
Kit B	D20-020101H	Brake Hardware Kit (1 Wheel)	Kit Suits: KF37 Axle - 380mm x 220mm Q Brakes Includes Item No: 12 - 17	2
Kit C	AXK1T-01	Axle Nut Kit - TN	Kit Suits: TN Axle Includes Item No: 32 - 33	2
Kit D	ABSK1T-01	ABS Kit	Kit Suits: TN Axle	1

KF22 & KF29 DRUM BRAKE AXLE

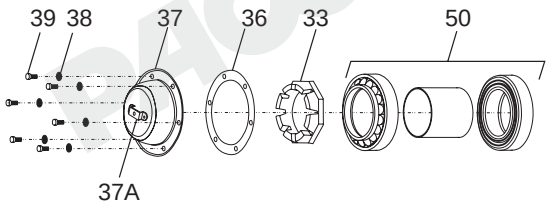
420 x 180mm BRAKES - (22.5") - TN, CONMET PRESET PLUS

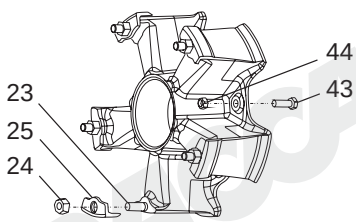


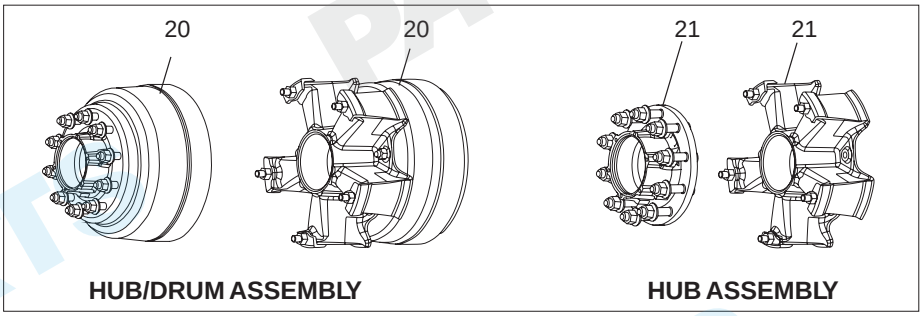




CONMET PRESET-PLUS







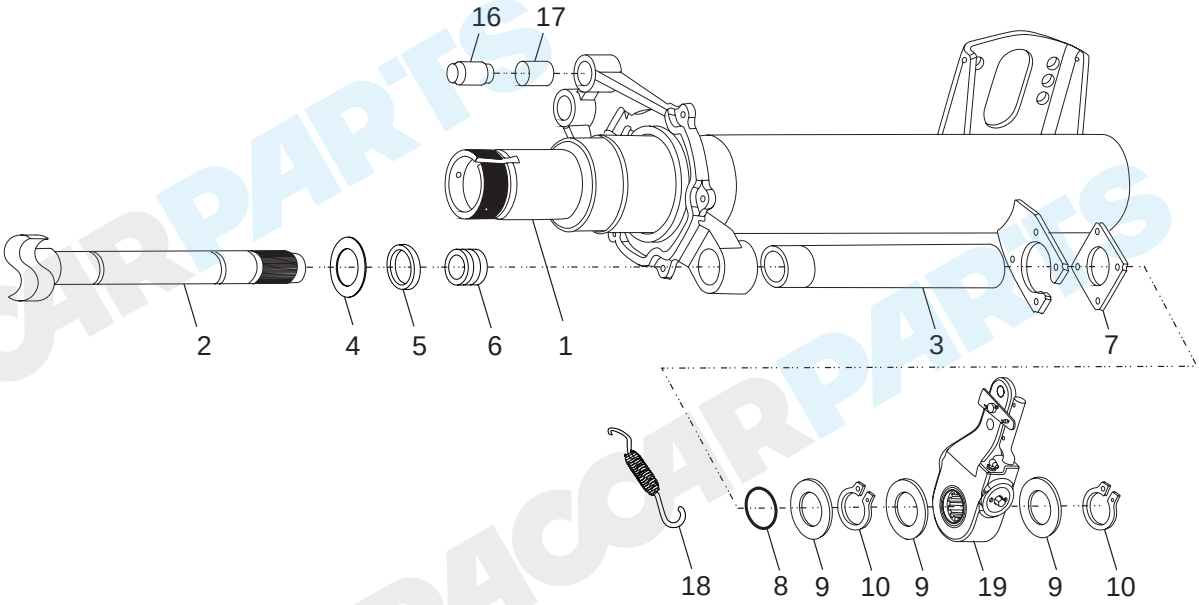
KF22 & KF29 DRUM BRAKE AXLE
420 x 180mm BRAKES - (22.5") - TN, CONMET PRESET PLUS

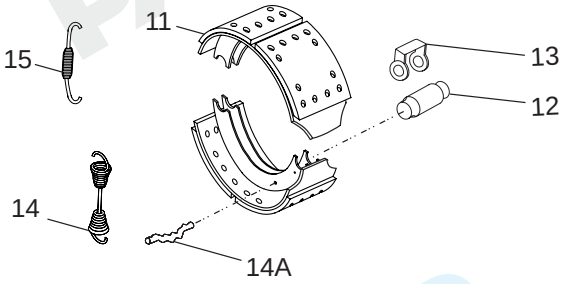
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	KF22AX12X1820N30	Beam & Cam Assembly	1820 - Sold as Axle Assy, PN for ref only	1
	KF22AX12X1850N30		1850 - Sold as Axle Assy, PN for ref only	1
	KF22AX13X1820N30	Beam & Brake Assembly	1820 - Sold as Axle Assy, PN for ref only	1
	KF22AX13X1850N30		1850 - Sold as Axle Assy, PN for ref only	1
2	C11-0201C-604LH	Camshaft – LH (604mm) 10 Spline	1820	1
	C11-0201C-604RH	Camshaft – RH (604mm) 10 Spline		1
	C11-0201C-627LH	Camshaft – LH (627mm) 10 Spline	1850	1
	C11-0201C-627RH	Camshaft – RH (627mm) 10 Spline		1
3	C30-0201-627	Cam Tube Assembly	1850 Contained in Kit A: C30-0201-627K	2
	C30-0201-604		1820 Contained in Kit B: C30-0201-604K	2
4	C15-0102	Washer, Camshaft Spacer	Contained in Kit A: C30-0201-627K & Kit B: C30-0201-604K	2
5	C14-0201	Seal, Spider Bush		2
6	C13-0201	Camshaft Bush (Spider)		2
7	C33-0201	Camshaft, Mounting Plate		2
8	C24-0401	O-Ring, Cam Tube Inner		2
9	C15-0102	Washer, Camshaft Spacer		6
10	C16-0501	Circlip, Camshaft Inner		4
11	NSS	Shoe Set (2)	Contained in Kit E: D20-020101K (Brake Shoe Kit) & Kit F: D20-020104K (Brake Shoe Kit)	2
12		Roller	Contained in Kit E: D20-020101K (Brake Shoe Kit) Kit F: D20-020104K (Brake Shoe Kit) Kit G: D20-020101H (Brake Hardware Kit) & Kit H: D20-020104H (Brake Hardware Kit)	4
13		Roller Retainer		4
14		Return Spring		2
14A		Retaining Pin		4
15		Anchor Spring		2
16		Anchor Pin		4
17		Anchor Pin Bush		4
18	A20-0101	Return Spring, Slack Adjuster		2
19	ASC21112	Auto Slack Adjuster	Automatic (Optional)	2
	KH278323EF	Positive Lock Slack Adjuster	Manual	2
20	KH3600/GF	Hub/Drum Assembly	5 Spoke 22.5"	2
	KH3600-3007	Hub/Drum Assembly - Short Stud	10 x 335 22.5"	2
	KH3600-3007Z	Hub/Drum Assembly - Long Stud		2
	KH3600-3008	Hub/Drum Assembly - Short Stud	10 x 285 22.5"	2
	KH3600-3008Z	Hub/Drum Assembly - Long Stud		2
21	CM10045570	Hub Assembly	ConMet Preset PLUS	2
	KH3601/GF		5 Spoke 22.5"	2
	KH3601-3010	Hub Assembly – Short Stud	10 x 285 22.5"	2
	KH3601-3010Z	Hub Assembly – Long Stud		2
	KH3601-3011	Hub Assembly – Short Stud	10 x 335 22.5"	2
	KH3601-3011Z	Hub Assembly – Long Stud		2

KF22 Axles use Q Brakes, KF29 Axles use P Brakes

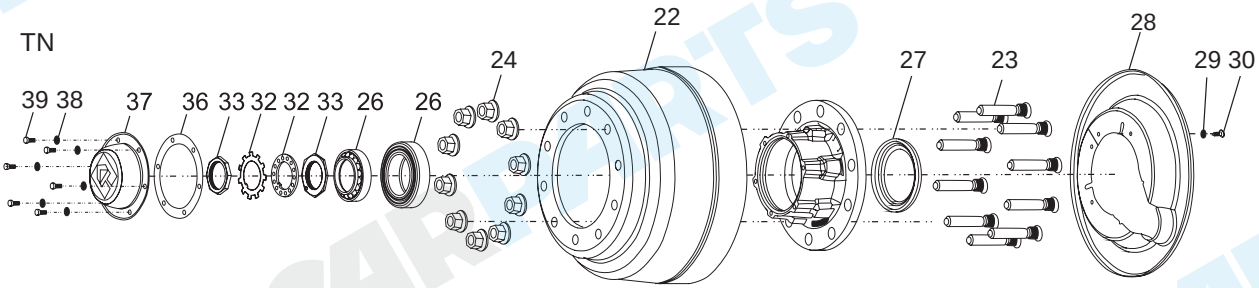
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

KF22 & KF29 DRUM BRAKE AXLE CONTINUED
420 x 180mm BRAKES - (22.5") - TN, CONMET PRESET PLUS

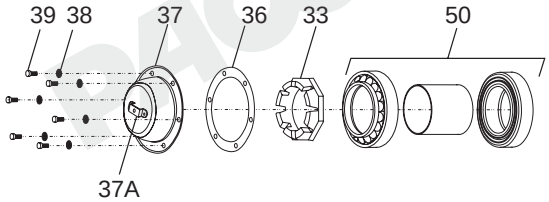


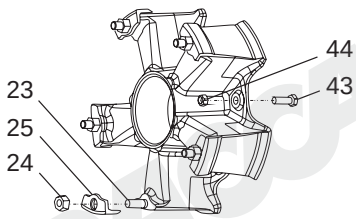


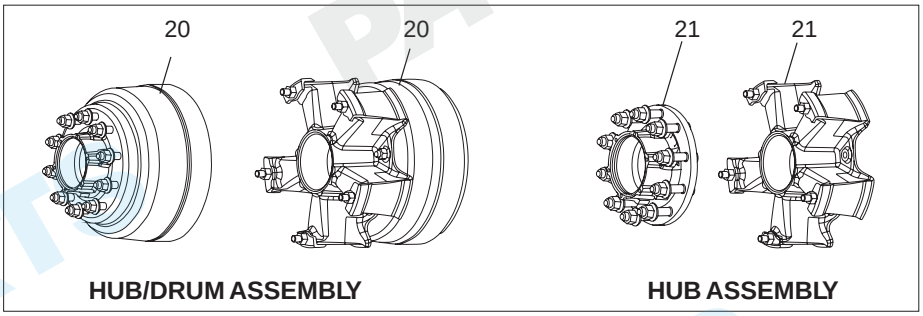
TN



CONMET PRESET-PLUS







KF22 & KF29 DRUM BRAKE AXLE CONTINUED
420 x 180mm BRAKES - (22.5") - TN, CONMET PRESET PLUS

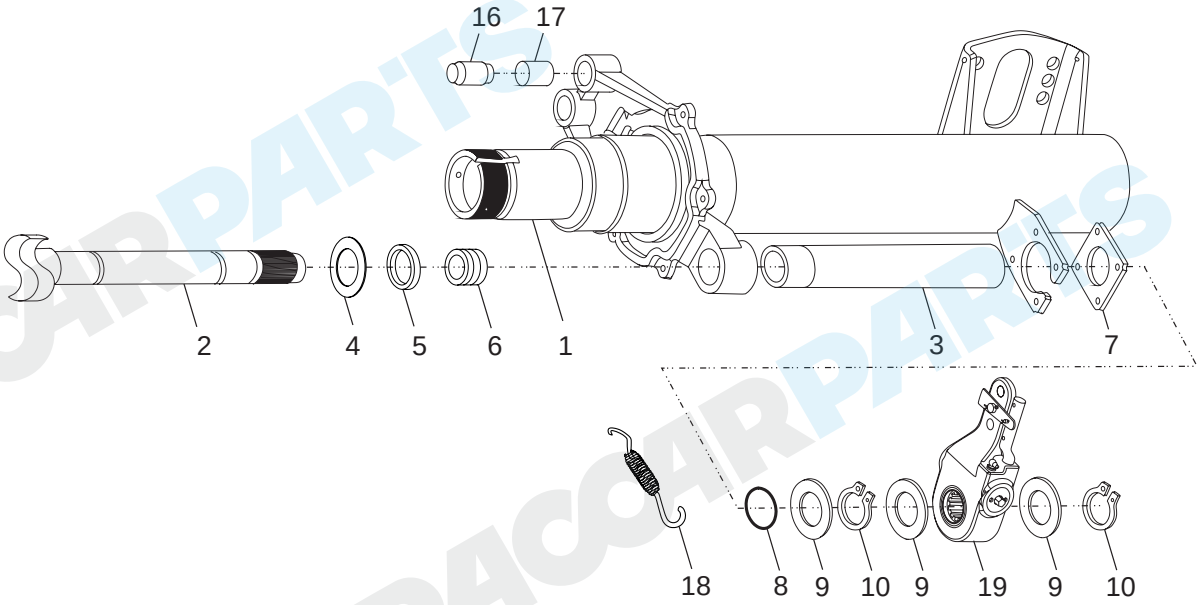
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
22	KH3602/GF	Drum	5 Spoke 22.5"	2
	KH3602-0101		10 x 335 22.5"	2
	KH3602-0303		10 x 285 22.5"	2
23	KH800106	Stud ¾" NC	5 Spoke 22.5"	10
	KH800104	Stud Short (M22 x 94)	10 x 285 22.5", 10 x 335 22.5"	20
	KH800239	Stud Long (M22 x 122)		20
24	H34-0901	Nut M22 x 32 A/F – 50mm	Optional - 10 x 285 22.5", 10 x 335 22.5"	20
	KH800098	Nut ¾" NC	5 Spoke 22.5"	10
	KH800096	Nut M22 x 32 A/F	10 x 285 22.5", 10 x 335 22.5"	20
	KH800238	Nut M22 x 33 A/F	Optional - 10 x 285 22.5", 10 x 335 22.5"	20
25	KH800146	Rim Clamp	5 Spoke 22.5"	10
26	H12-0300	Bearing Inner		2
	H12-0400	Bearing Outer		2
27	373-0243	Seal		2
	CM10045888		ConMet Preset PLUS	2
	CM10081521	Hub Seal & Spacer Kit		2
28	H18-0101	Dust Cover		2
29	KH800055	Spring Washer		12
30	M8X16X1.75	Bolt – Dust Cover – M8		12
32	A11-0201	Lock Washer	Contained in Kit L: AXK1T-01	2
	A25-0101	Lock Tab		2
33	A12-0201	Nut Spindle - Inner	Contained in Kit L: AXK1T-01	2
	A24-0101	Nut Spindle - Outer		2
	CM10036552	Nut Kit	ConMet Preset PLUS	2
36	330-3009	Gasket - Hub Cap		2
37	CM10083537	Hub Cap	ConMet Preset PLUS	2
	KH800110B	Hub Cap – Black – Ø139.7 PCD		2
37A	N300202-003	Hubo Bracket	ConMet Preset PLUS	2
38	KH800055	Washer - Hub Cap Bolt	10 x 285 22.5"	12
39	KH800122	Bolt - Hub Cap – 5/16"	10 x 285 22.5"	12
43	MB907B	Bolt – ¾" UNF x 2-¼" – GR8	5 Spoke 22.5"	10
44	MB907A	Conelock Nut – ¾" UNF – GR8	5 Spoke 22.5"	10
50	CM10081730	Bearing Kit C/W Spacer & Seal	ConMet Preset PLUS - Includes Inner Bearing CM10041935 & Outer Bearing CM10041905	2
NS	A15-0202	ABS Sensor Lead (Straight)	Contained in Kit J: ABSK1T-01	2
	A16-0101	Sleeve		2
	H41-0201	ABS Pole Ring – 100 Tooth – Id Ø165mm ID		2
	B15-0103	Block		2

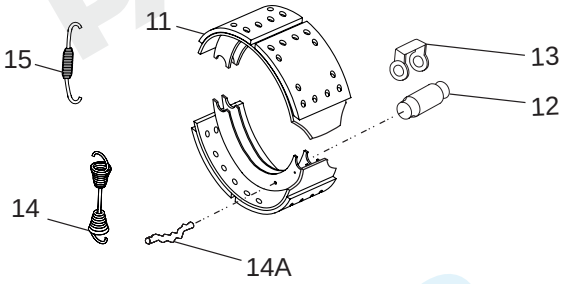
KF22 Axles use Q Brakes, KF29 Axles use P Brakes

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

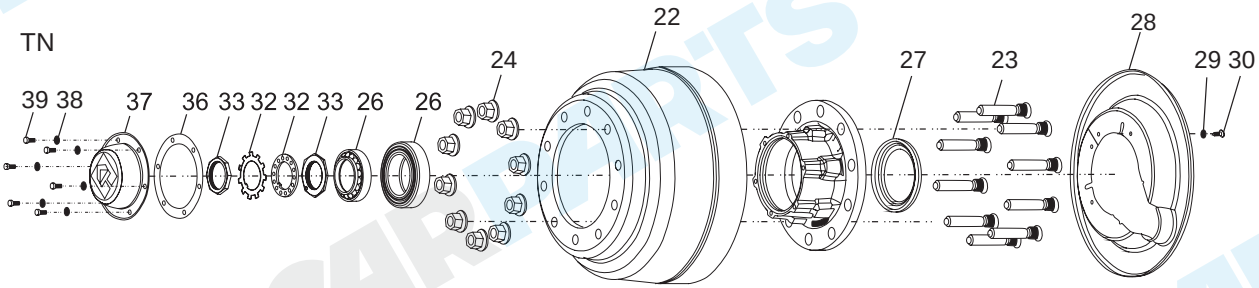
KF22 & KF29 DRUM BRAKE AXLE CONTINUED

420 x 180mm BRAKES - (22.5") - TN, CONMET PRESET PLUS

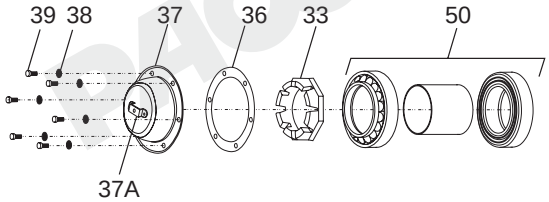


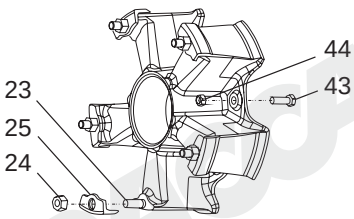


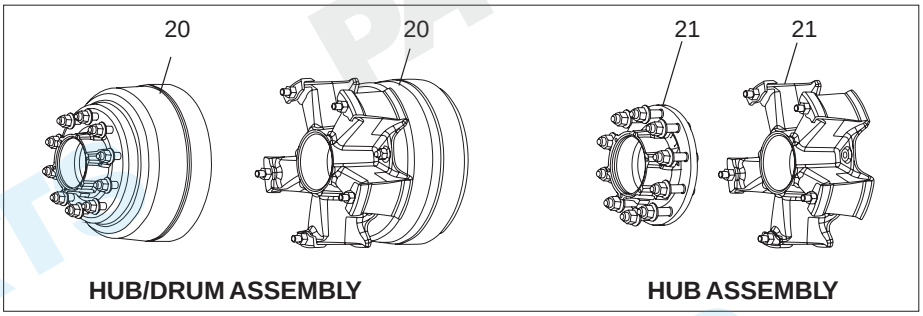
TN



CONMET PRESET-PLUS







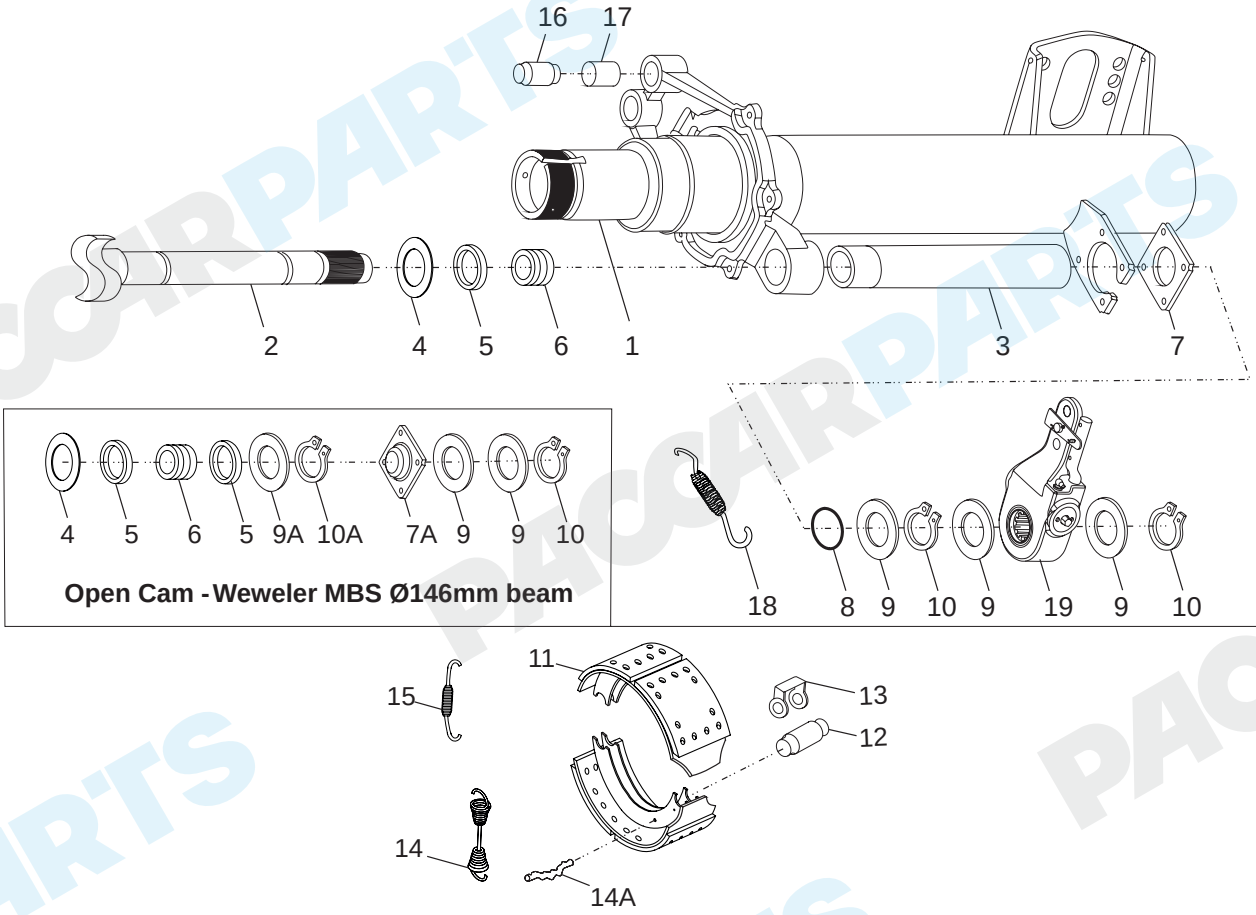
KF22 & KF29 DRUM BRAKE AXLE CONTINUED
420 x 180mm BRAKES - (22.5") - TN, CONMET PRESET PLUS

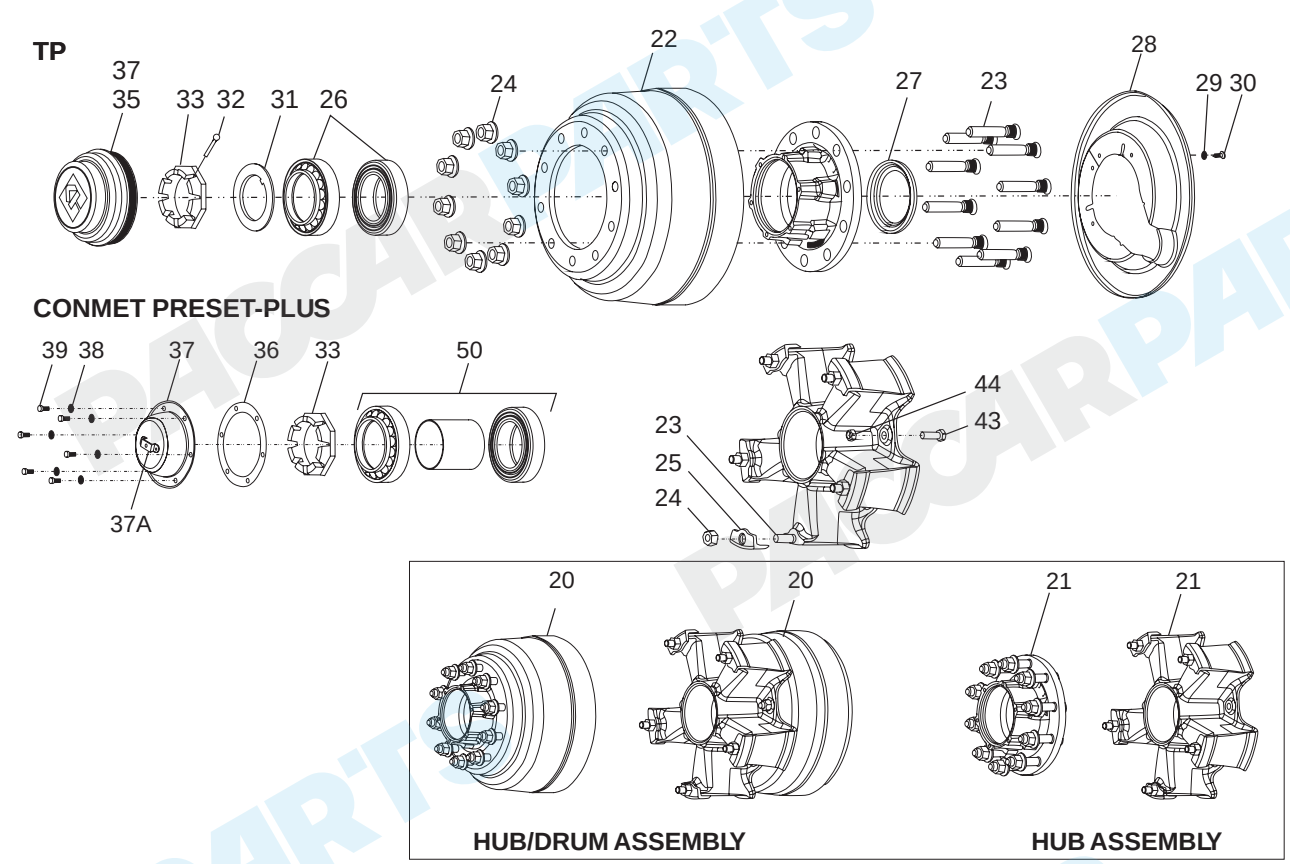
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
KIT PART NUMBER LISTING				
Kit A	C30-0201-627K	Cam Tube Kit (Suit 1 Cam)	Kit Suits: TN/TP 1,850mm Track Axle Includes Item No: 3 - 10	2
Kit B	C30-0201-604K	Cam Tube Kit (Suit 1 Cam)	Kit Suits: TN/TP 1,820mm Track Axle & Unitised 1,850mm Track Axle Includes Item No: 3 - 10	2
Kit D	C13-0201K	Cam Bush Kit	Kit Suits: KF22/KF29 Axle Includes Item No: 4 - 6, 8 - 10	2
Kit E	D20-020101K	Brake Shoe Kit (1 Wheel)	Kit Suits: KF22 Axle - 420mm x 180mm Q Brakes Includes Item No: 11 - 17	2
Kit F	D20-020104K	Brake Shoe Kit (1 Wheel) Long Pin 'P' Brake	Kit Suits: KF29 Axle - 420mm x 180mm P Brakes Includes Item No: 11 - 17	2
Kit G	D20-020101H	Brake Hardware Kit (1 Wheel)	Kit Suits: KF22 Axle - 420mm x 180mm Q Brakes Contained in: Kit D: D20-020101K (Brake Shoe Kit) Includes Item No: 12 - 17	2
Kit H	D20-020104H	Brake Hardware Kit (1 Wheel)	Kit Suits: KF29 Axle - 420mm x 180mm P Brakes Contained in: Kit E: D20-020101K (Brake Shoe Kit) Includes Item No: 12 - 17	2
Kit J	ABSK1T-01	ABS Kit	Kit Suits: TN/TP Axle	1
Kit L	AXK1T-01	Axle Nut Kit - TN	Kit Suits: TN Axle Includes Item No: 32 - 33	2

KF22 Axles use Q Brakes, KF29 Axles use P Brakes

KF22 & KF29 DRUM BRAKE AXLE

420 x 180mm BRAKES - (22.5") - TP & MBS Ø146, CONMET PRESET PLUS





KF22 & KF29 DRUM BRAKE AXLE
420 x 180mm BRAKES - (22.5") - TP & MBS Ø146, CONMET PRESET PLUS

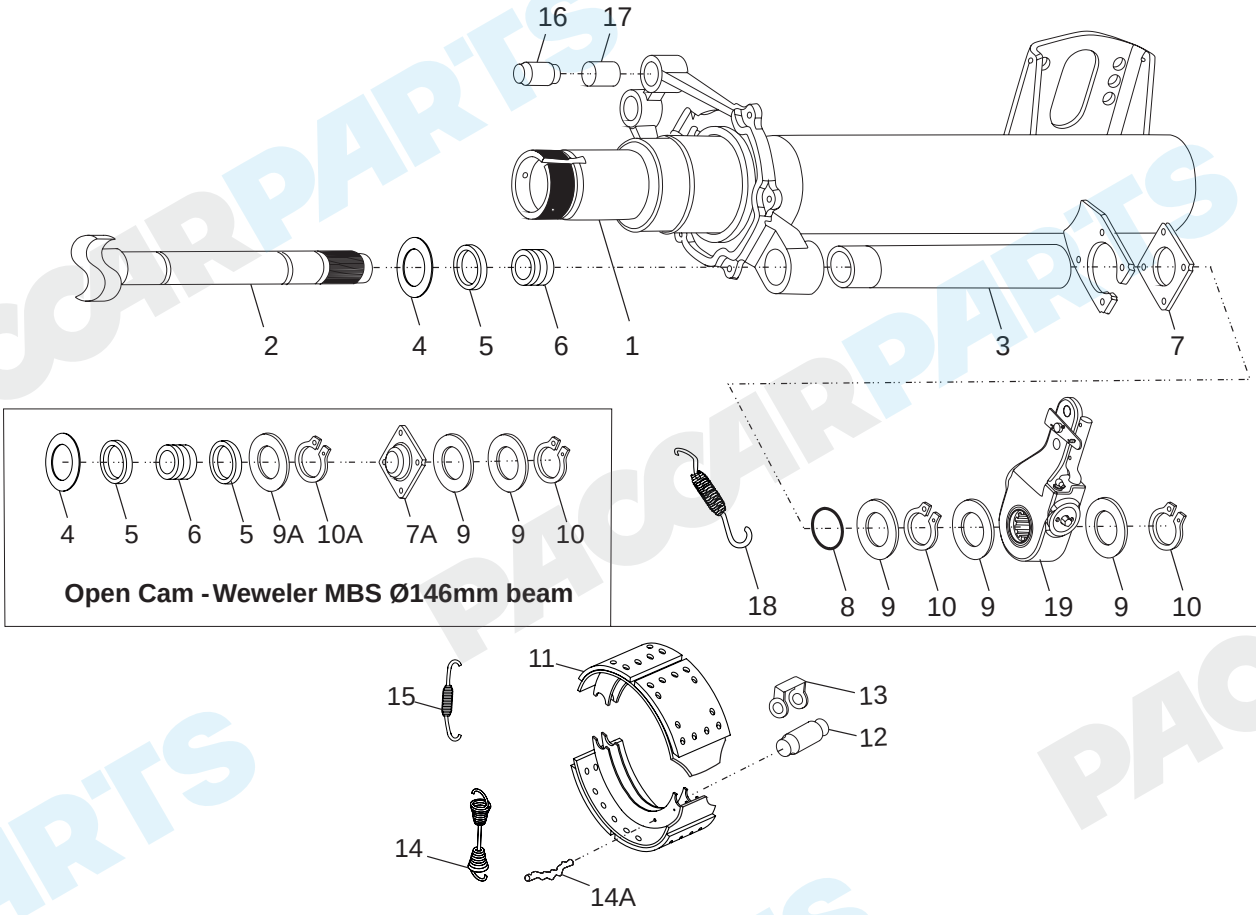
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	KF22BX12X1820N30	Beam & Cam Assembly	1820 - Sold as Axle Assy, PN for ref only	1
	KF22BX12X1850N30		1850 - Sold as Axle Assy, PN for ref only	1
	FP26GP05BB	Beam & Brake Assembly	1850 MBS Ø146 - Sold as Axle Assy, PN for ref only	1
	KF22BX13X1820N30		1820 - Sold as Axle Assy, PN for ref only	1
	KF22BX13X1850N30		1850 - Sold as Axle Assy, PN for ref only	1
2	C11-0201C-604LH	Camshaft – LH (604mm) 10 Spline	1820	1
	C11-0201C-604RH	Camshaft – RH (604mm) 10 Spline		1
	C11-0201C-627LH	Camshaft – LH (627mm) 10 Spline	1850 & MBS Ø146	1
	C11-0201C-627RH	Camshaft – RH (627mm) 10 Spline		1
3	C30-0201-627	Cam Tube Assembly	1850 Contained in Kit A: C30-0201-627K	2
	C30-0201-604		1820 Contained in Kit B: C30-0201-604K	2
4	C12-0102	Washer, Camshaft Spacer	1850 MBS Ø146	2
	C15-0102			2
5	C14-0201	Seal, Spider Bush		2
	C14-0301		1850 MBS Ø146	4
6	C13-0201	Camshaft Bush (Spider)		2
	C13-0301		1850 MBS Ø146	2
7	C33-0201	Camshaft, Mounting Plate		2
7A	C20-0201	Bearing Assembly	1850 MBS Ø146	2
8	C24-0401	O-Ring, Cam Tube Inner		2
9	C15-0102	Washer, Camshaft Spacer	Qty 4 with 1850 MBS Ø146	6
9A	C15-0101	Washer, Camshaft Spacer	1850 MBS Ø146	2
10	C16-0501	Circlip, Camshaft Inner	Qty 2 with 1850 MBS Ø146	4
10A	C16-0201	Circlip, Camshaft Inner	1850 MBS Ø146	2
11	NSS	Shoe Set (2)	Contained in Kit E: D20-020101K (Brake Shoe Kit) & Kit F: D20-020104K (Brake Shoe Kit)	2
12		Roller	Contained in Kit E: D20-020101K (Brake Shoe Kit) Kit F: D20-020104K (Brake Shoe Kit) Kit G: D20-020101H (Brake Hardware Kit) & Kit H: D20-020104H (Brake Hardware Kit)	4
13		Roller Retainer		4
14		Return Spring		2
14A		Retaining Pin		4
15		Anchor Spring		2
16		Anchor Pin		4
17		Anchor Pin Bush		4
18	A20-0101	Return Spring, Slack Adjuster		2
19	ASC21112	Auto Slack Adjuster	Automatic (Optional)	2
	KH278323EF	Positive Lock Slack Adjuster	Manual	2
20	KH3600/FF	Hub/Drum Assembly	5 Spoke 22.5"	2
	KH3600-0103	Hub/Drum Assembly - Short Stud	10 x 335 22.5"	2
	KH3600-0103Z	Hub/Drum Assembly - Long Stud		2
	KH3600-0303	Hub/Drum Assembly - Short Stud	10 x 285 22.5"	2
	KH3600-0303Z	Hub/Drum Assembly - Long Stud		2

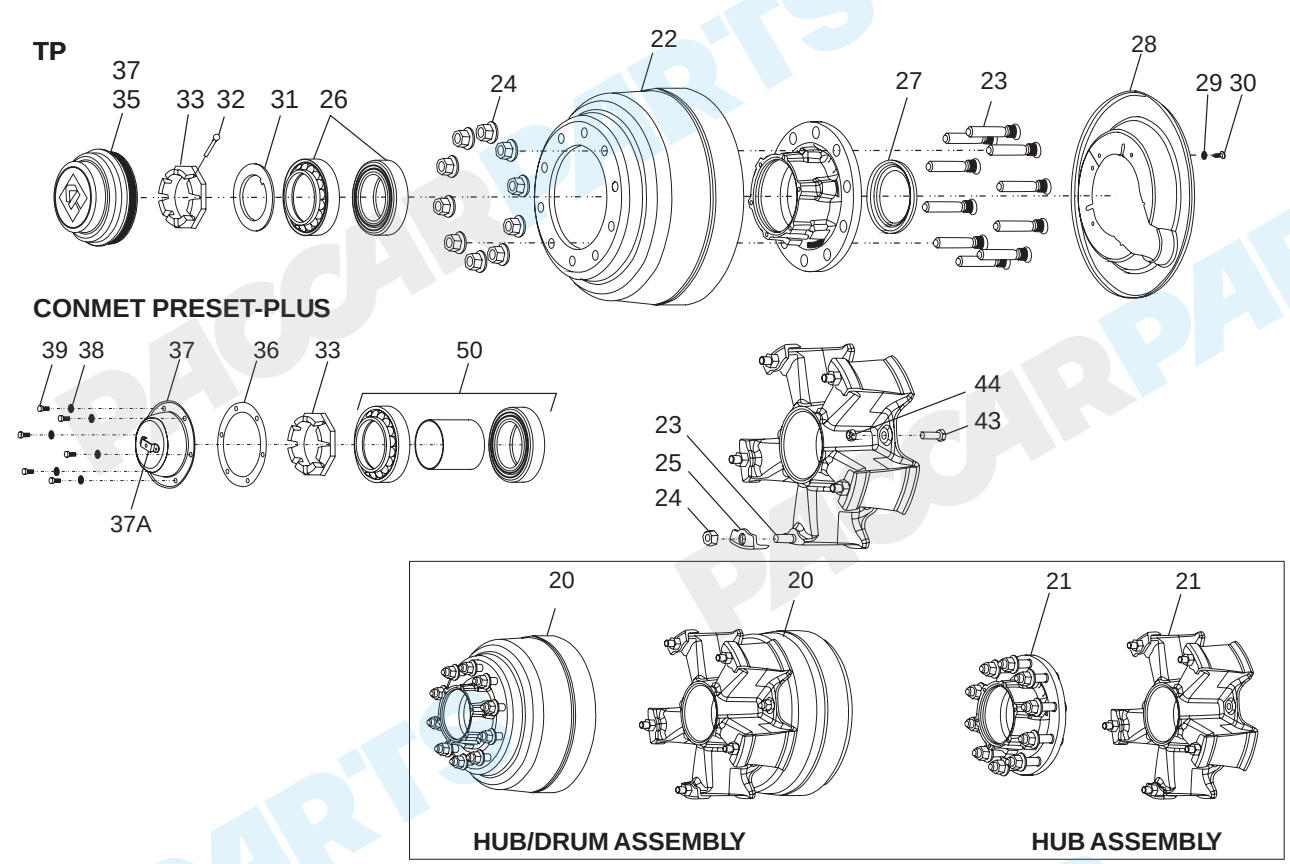
KF22 Axles use Q Brakes, KF29 Axles use P Brakes

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

KF22 & KF29 DRUM BRAKE AXLE CONTINUED

420 x 180mm BRAKES - (22.5") - TP & MBS Ø146, CONMET PRESET PLUS





KF22 & KF29 DRUM BRAKE AXLE CONTINUED
420 x 180mm BRAKES - (22.5") - TP & MBS Ø146, CONMET PRESET PLUS

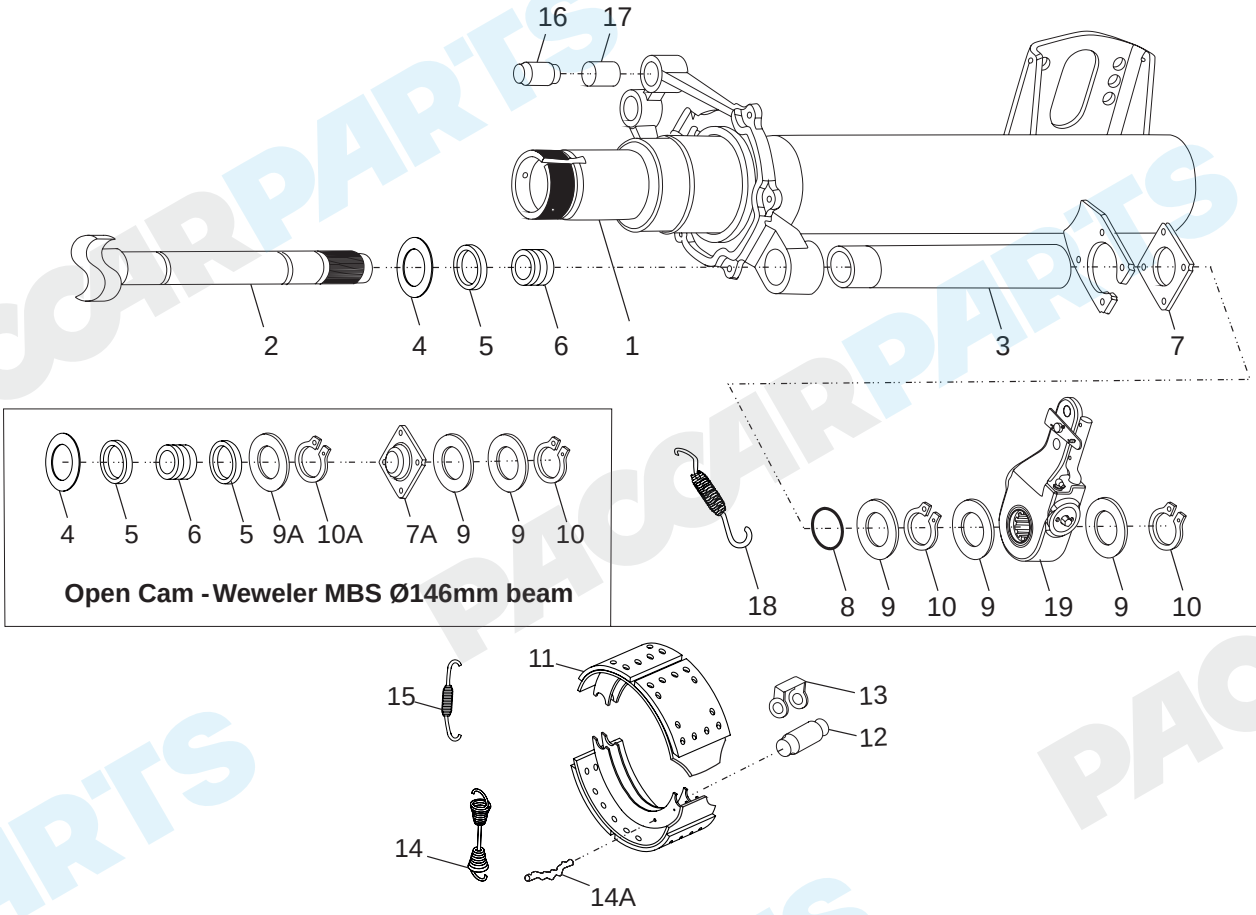
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
21	CM10082229	Aluminium Hub C/W Long Studs, Bearings, Spacer & Seal	ConMet Preset PLUS - Casting Number: 10033028 (Used For Lube Volume)	2
	CM10045398	Iron Hub C/W Long Studs, Bearings, Spacer & Seal	ConMet Preset PLUS - Casting Number: 10033241 (Used For Lube Volume)	2
	KH3601/FF	Hub Assembly	5 Spoke 22.5"	2
	KH3601-0101	Hub Assembly – Short Stud	10 x 335 22.5"	2
	KH3601-0101Z	Hub Assembly – Long Stud		2
	KH3601-0302	Hub Assembly – Short Stud	10 x 285 22.5"	2
	KH3601-0302Z	Hub Assembly – Long Stud		2
22	CM10037763	True Turn 10 x 285	ConMet Preset PLUS	2
	KH3602/FF	Drum	5 Spoke 22.5"	2
	KH3602-0101		10 x 335 22.5"	2
	KH3602-0303		10 x 285 22.5"	2
23	102292	Stud Long (M22 x 1.5 x 136mm)	ConMet Preset PLUS	20
	KH800106	Stud ¾" NC	5 Spoke 22.5"	10
	KH800104	Stud Short (M22 x 94)	10 x 285 22.5", 10 x 335 22.5"	20
	KH800239	Stud Long (M22 x 122)		20
24	H34-0901	Nut M22 x 32 A/F – 50mm	Optional - 10 x 285 22.5", 10 x 335 22.5"	20
	KH800098	Nut ¾" NC	5 Spoke 22.5"	10
	KH800096	Nut M22 x 32 A/F	10 x 285 22.5", 10 x 335 22.5"	20
	KH800238	Nut M22 x 33 A/F	Optional - 10 x 285 22.5", 10 x 335 22.5"	20
25	KH800146	Rim Clamp	5 Spoke 22.5"	10
26	H12-0100	Bearing Inner		2
	H12-0100	Bearing Outer		2
27	373-0223	Seal		2
	CM10045889			2
	CM10081522	Hub Seal & Spacer Kit		2
28	H18-0101	Dust Cover		2
29	KH800055	Spring Washer		12
30	M8X16X1.75	Bolt – Dust Cover – M8		12
31	A11-0101	Washer Bearing	Contained in Kit M: AXK1T-02	2
32	A13-0101	Cotter Pin		2
33	CM10036553	Nut Kit		2
	A12-0101	Nut Spindle	ConMet Preset PLUS	2
35	H15-0201	O-Ring – Hub Cap		2
36	CM10001223	Hub Cap Gasket	ConMet Preset PLUS	2
37	CM10085634	Hub Cap	ConMet Preset PLUS	2
	KH800205B	Hub Cap – Screw On – Black		2
37A	N300202-003	Hubo Bracket	ConMet Preset PLUS	As required
38	KH800055	Washer - Hub Cap Bolt		12
39	KH800122	Bolt - Hub Cap – 5/16"		12
43	MB907B	Bolt – ¾" UNF x 2-¼" – GR8	5 Spoke 22.5"	10
44	MB907A	Conelock Nut – ¾" UNF – GR8	5 Spoke 22.5"	10

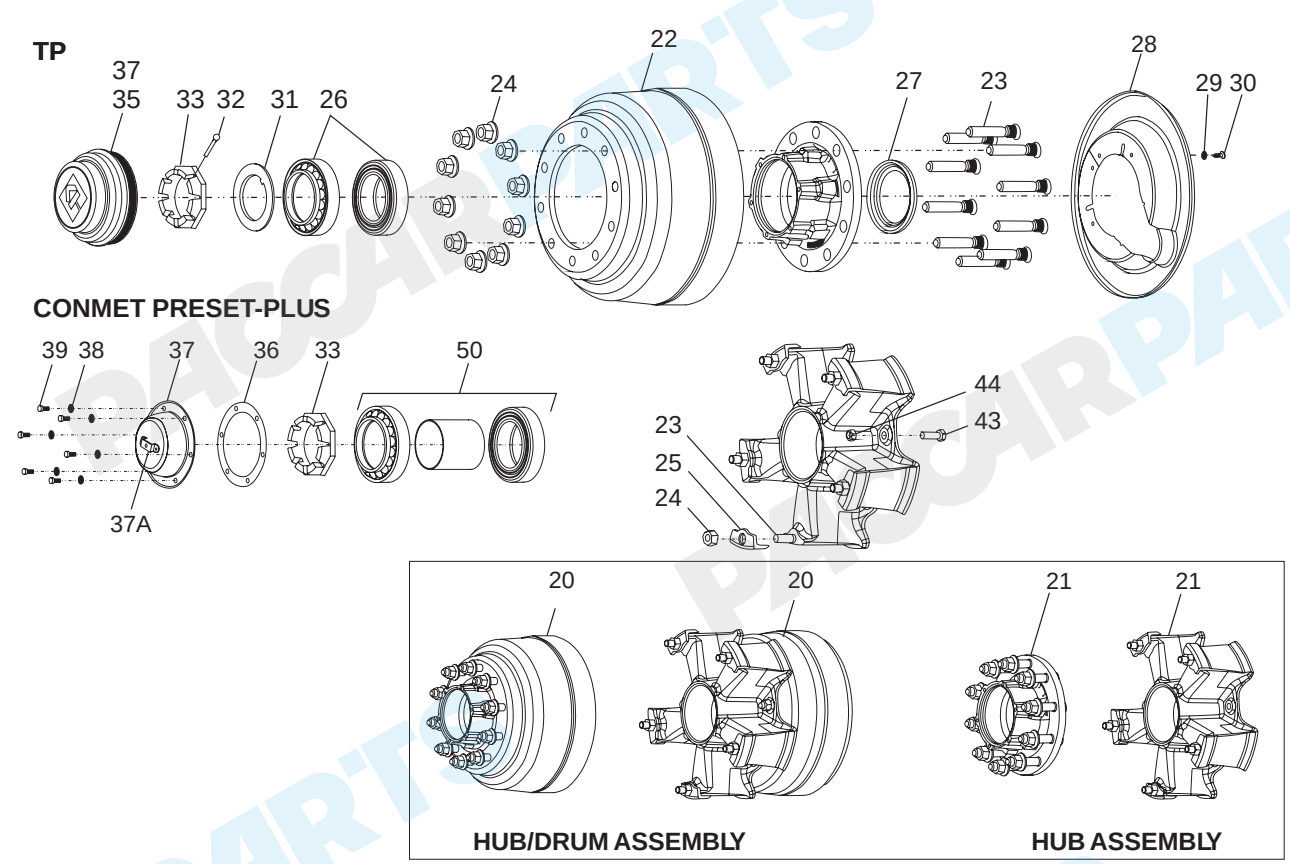
KF22 Axles use Q Brakes, KF29 Axles use P Brakes

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

KF22 & KF29 DRUM BRAKE AXLE CONTINUED

420 x 180mm BRAKES - (22.5") - TP & MBS Ø146, CONMET PRESET PLUS





KF22 & KF29 DRUM BRAKE AXLE CONTINUED

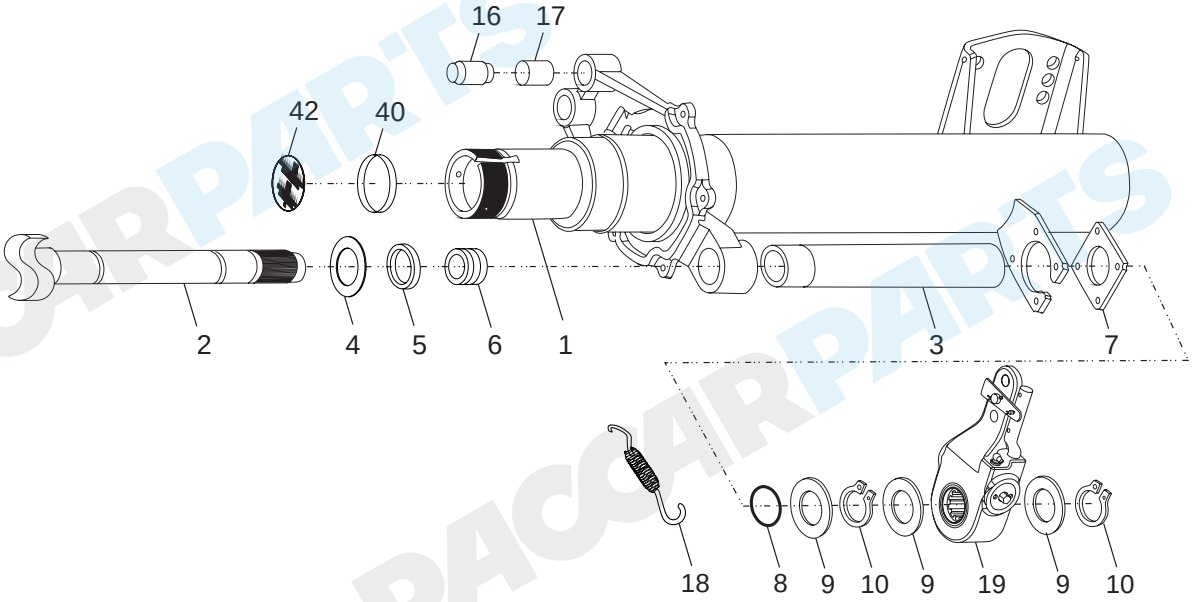
420 x 180mm BRAKES - (22.5") - TP & MBS Ø146, CONMET PRESET PLUS

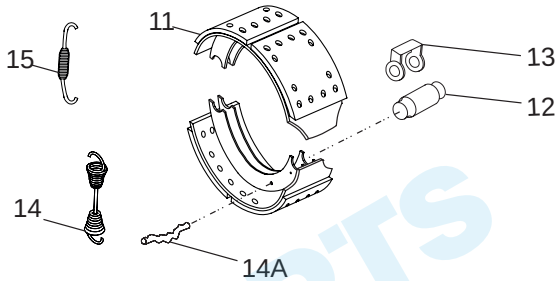
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
50	CM10081731	Bearing Kit C/W Spacer & Seal	ConMet Preset PLUS	2
NS	A15-0202	ABS Sensor Lead (Straight)	Contained in Kit J: ABSK1T-01	2
	A16-0101	Sleeve		2
	H41-0201	ABS Pole Ring – 100 Tooth – ID Ø165mm		2
	B15-0103	Block		2

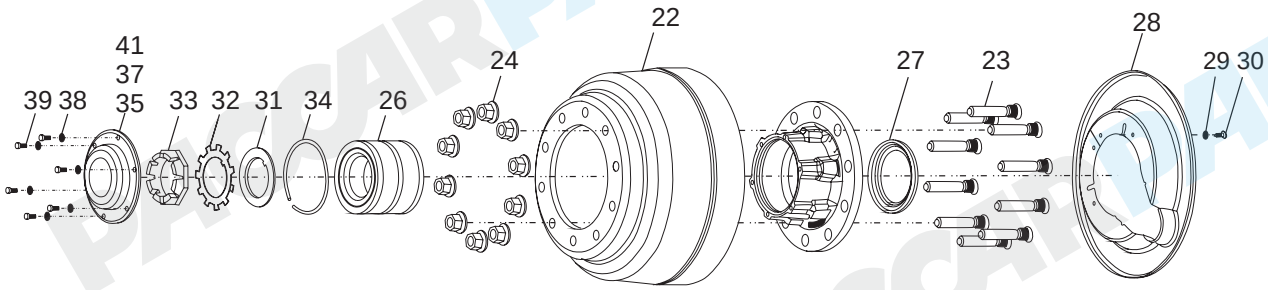
KIT PART NUMBER LISTING				
Kit A	C30-0201-627K	Cam Tube Kit (Suit 1 Cam)	Kit Suits: TN/TP 1,850mm Track Axle Includes Item No: 3 - 7, 8, 9, 10	2
Kit B	C30-0201-604K	Cam Tube Kit (Suit 1 Cam)	Kit Suits: TN/TP 1,820mm Track Axle & Unitised 1850mm Track Axle Includes Item No: 3 - 7, 8, 9, 10	2
Kit D	C13-0201K	Cam Bush Kit	Kit Suits: KF22/KF29 Axle Includes Item No: 4 - 6, 8 - 10	2
Kit E	D20-020101K	Brake Shoe Kit (1 Wheel)	Kit Suits: KF22 Axle - 420mm x 180mm Q Brakes Includes Item No: 11 - 17	2
Kit F	D20-020104K	Brake Shoe Kit (1 Wheel) Long Pin 'P' Brake	Kit Suits: KF29 Axle - 420mm x 180mm P Brakes Includes Item No: 11 - 17	2
Kit G	D20-020101H	Brake Hardware Kit (1 Wheel)	Kit Suits: KF22 Axle - 420mm x 180mm Q Brakes Contained in Kit D: D20-020101K (Brake Shoe Kit) Includes Item No: 12 - 17	2
Kit H	D20-020104H	Brake Hardware Kit (1 Wheel)	Kit Suits: KF29 Axle - 420mm x 180mm P Brakes Contained in Kit E: D20-020101K (Brake Shoe Kit) Includes Item No: 12 - 17	2
Kit J	ABSK1T-01	ABS Kit	Kit Suits: TN/TP Axle	1
Kit M	AXK1T-02	Axle Nut Kit - TP	Kit Suits: TP Axle Includes Item No: 31 - 33	2

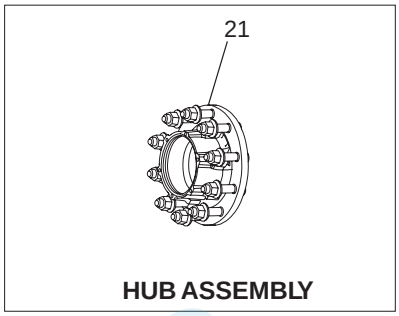
KF22 Axles use Q Brakes, KF29 Axles use P Brakes

KF22 & KF29 DRUM BRAKE AXLE
420 x 180mm BRAKES - (22.5") - UNITISED









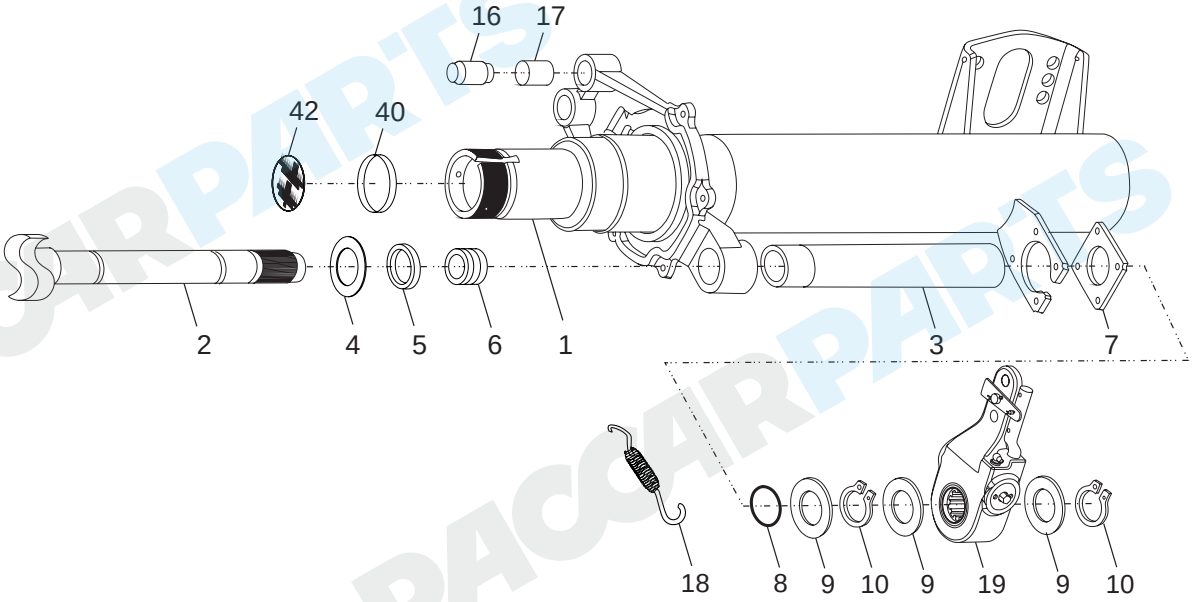
KF22 & KF29 DRUM BRAKE AXLE
420 x 180mm BRAKES - (22.5") - UNITISED

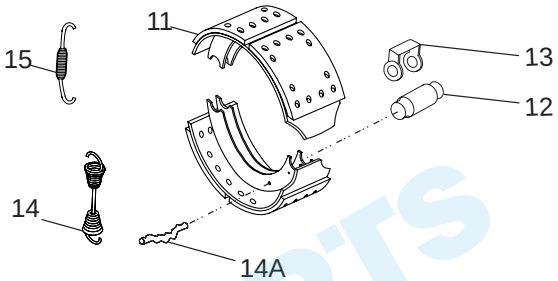
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	KF22FX13X1820N30	Beam & Brake Assembly	1820 - Sold as Axle Assy, PN for ref only	1
	KF22FX13X1850N30		1850 - Sold as Axle Assy, PN for ref only	1
2	C11-0201C-589LH	Camshaft – LH (589mm) 10 Spline	1820	1
	C11-0201C-589RH	Camshaft – RH (589mm) 10 Spline		1
	C11-0201C-604LH	Camshaft – LH (604mm) 10 Spline	1850	1
	C11-0201C-604RH	Camshaft – RH (604mm) 10 Spline		1
3	C30-0201-604	Cam Tube Assembly	1850 Contained in Kit B: C30-0201-604K	2
	C30-0201-589		1820 Contained in Kit C: C30-0201-589K	2
4	C15-0102	Washer, Camshaft Spacer		2
5	C14-0201	Seal, Spider Bush		2
6	C13-0201	Camshaft Bush (Spider)		2
7	C33-0201	Camshaft, Mounting Plate		2
8	C24-0401	O-Ring, Cam Tube Inner		2
9	C15-0102	Washer, Camshaft Spacer		6
10	C16-0501	Circlip, Camshaft Inner		4
11	NSS	Shoe Set (2)	Contained in: Kit E: D20-020101K (Brake Shoe Kit) & Kit F: D20-020104K (Brake Shoe Kit)	2
12		Roller	Contained in: Kit E: D20-020101K (Brake Shoe Kit) Kit F: D20-020104K (Brake Shoe Kit) Kit G: D20-020101H (Brake Hardware Kit) & Kit H: D20-020104H (Brake Hardware Kit)	4
13		Roller Retainer		4
14		Return Spring		2
14A		Retaining Pin		4
15		Anchor Spring		2
16		Anchor Pin		4
17		Anchor Pin Bush		4
18	A20-0101	Return Spring, Slack Adjuster		2
19	ASC21112	Auto Slack Adjuster	Automatic (Optional)	2
	KH278323EF	Positive Lock Slack Adjuster	Manual	2
21	H31-0521	Hub Assembly – Long Stud	10 x 285 , 22.5"	2
	NSS	Hub Assembly – Short Stud		2
22	KH3602-0303	Drum		2
23	KH800104	Stud Short (M22 x 94)		20
	KH800239	Stud Long (M22 x 122)		20
24	H34-0901	Nut M22 x 32 A/F – 50mm	Optional - 10 x 285 22.5"	20
	KH800096	Nut M22 x 32 A/F	10 x 285 , 22.5"	20
	KH800238	Nut M22 x 33 A/F	Optional - 10 x 285 22.5"	20
26	BTH-0500	Bearing Cartridge (11T)	10X285 , 22.5", Contained in: Kit P: AXK1T-04 (Wheel Bearing & Seal Kit)	2
27	393-0273	Seal (Axles Build Before 2012)	10 x 285 , 22.5" - Before 2012	2
	809	Seal (Axles Build From 2012)	10X285 , 22.5" - From 2012, Contained in: Kit P: AXK1T-04 (Wheel Bearing & Seal Kit)	2
28	H18-0101	Dust Cover		2
29	KH800055	Spring Washer		12

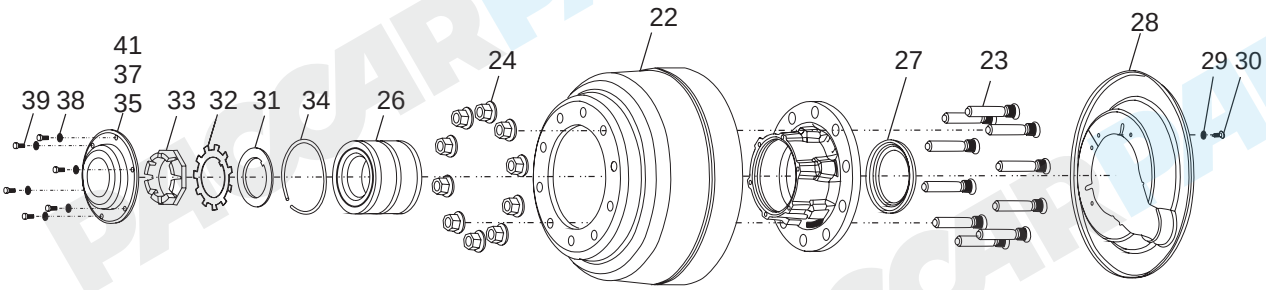
KF22 Axles use Q Brakes, KF29 Axles use P Brakes

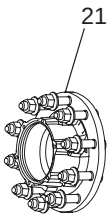
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

KF22 & KF29 DRUM BRAKE AXLE CONTINUED
420 x 180mm BRAKES - (22.5") - UNITISED









HUB ASSEMBLY

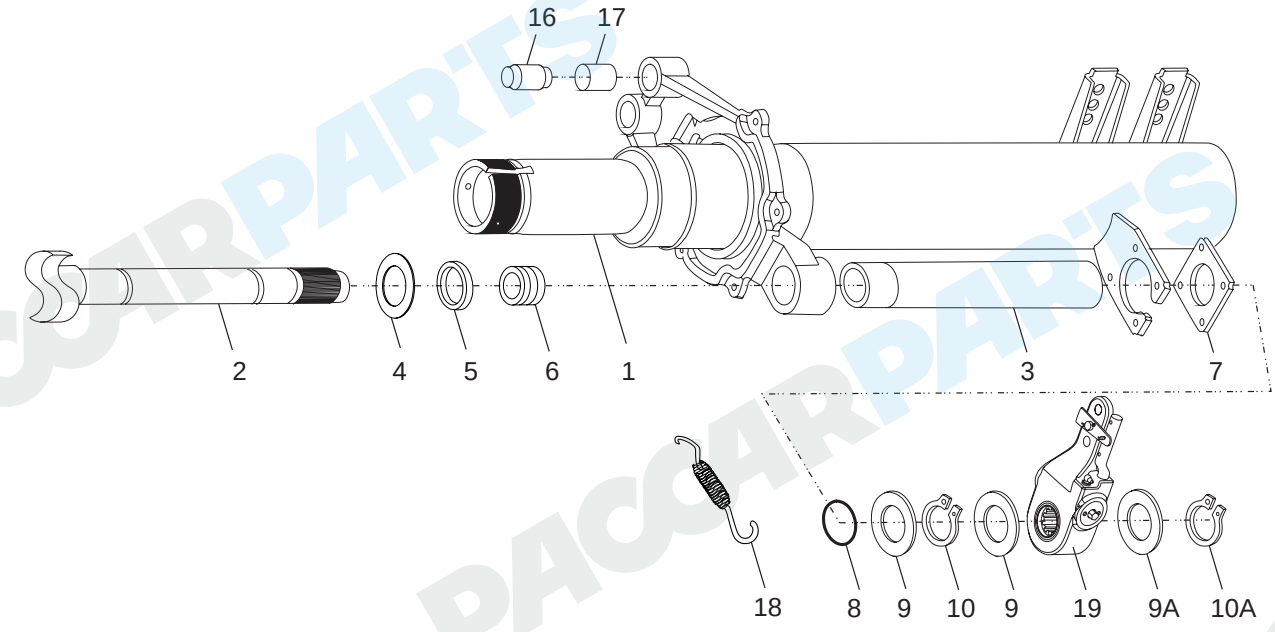
KF22 & KF29 DRUM BRAKE AXLE CONTINUED
420 x 180mm BRAKES - (22.5") - UNITISED

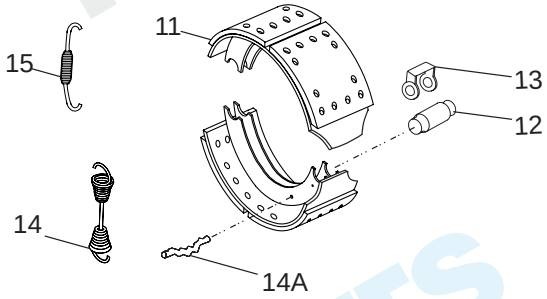
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
30	M8X16X1.75	Bolt – Dust Cover – M8		12
31	A11-0101	Washer Bearing	10X285 , 22.5" Contained in: Kit N: AXK1T-03 (Axle Nut Kit) & Kit P: AXK1T-04 (Wheel Bearing & Seal Kit)	2
32	N300002-002	Lock Tab		2
33	A12-0101	Nut Spindle		2
34	CRS.S	Snap Ring	10 x 285, 22.5", Contained in: Kit P: AXK1T-04 (Wheel Bearing & Seal Kit)	2
35	N300015-002	O-Ring – Hub Cap		2
37	N300016-002	Hub Cap – Aluminium – Ø179 PCD	10 x 285, 22.5"	2
38	KH800055	Washer - Hub Cap Bolt		12
39	KH800122	Bolt - Hub Cap – 5/16"		12
40	STP275	Decal Cap		2
41	10002	Fuwa Badge		2
42	FHD046	Decal		2
NS	A15-0202	ABS Sensor Lead (Straight)	Contained in Kit K: ABSK1T-02	2
	A16-0101	Sleeve		2
	H41-0701	ABS Pole Ring – 100 Tooth – Ø168 ID		2
	B15-0103	Block		2

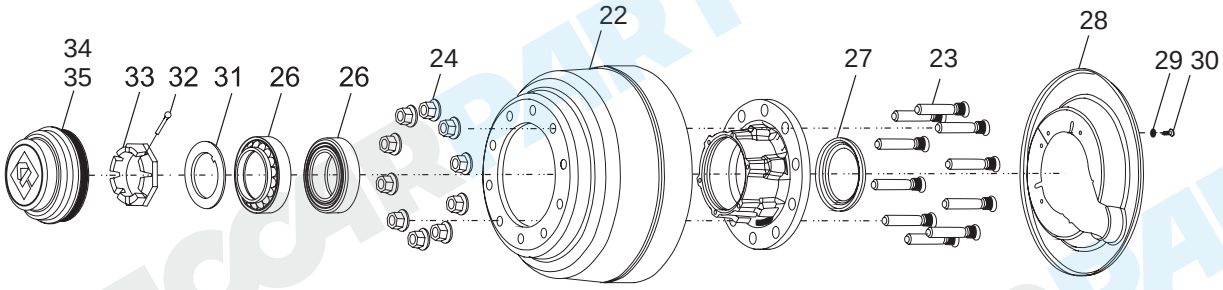
KIT PART NUMBER LISTING				
Kit B	C30-0201-604K	Cam Tube Kit (Suit 1 Cam)	Kit Suits: TN/TP 1,820mm Track Axle & Unitised 1,850mm Track Axle Includes Item No: 3 - 10	2
Kit C	C30-0201-589K	Cam Tube Kit (Suit 1 Cam)	Kit Suits: Unitised 1,820mm Track Axle Includes Item No: 3 - 10	2
Kit D	C13-0201K	Cam Bush Kit	Kit Suits: KF22/KF29 Axle Includes Item No: 4 - 6, 8 - 10	2
Kit E	D20-020101K	Brake Shoe Kit (1 Wheel)	Kit Suits: KF22 Axle - 420mm x 180mm Q Brakes Includes Item No: 11 - 17	2
Kit F	D20-020104K	Brake Shoe Kit (1 Wheel) Long Pin 'P' Brake	Kit Suits: KF29 Axle - 420mm x 180mm P Brakes Includes Item No: 11 - 17	2
Kit G	D20-020101H	Brake Hardware Kit (1 Wheel)	Kit Suits: KF22 Axle - 420mm x 180mm Q Brakes Contained in Kit D: D20-020101K (Brake Shoe Kit) Includes Item No: 12 - 17	2
Kit H	D20-020104H	Brake Hardware Kit (1 Wheel)	Kit Suits: KF29 Axle - 420mm x 180mm P Brakes Contained in Kit E: D20-020101K (Brake Shoe Kit) Includes Item No: 12 - 17	2
Kit K	ABSK1T-02	ABS Kit	Kit Suits: Unitised Axle	1
Kit N	AXK1T-03	Axle Nut Kit	Kit Suits: Unitised 11T Axle Contained in Kit N: AXK1T-04 Includes Item No: 31 - 33	2
Kit P	AXK1T-04	Wheel Bearing & Seal Kit	Kit Suits: Unitised 11T Axle Includes Item No: 26,27, 31 - 35	2

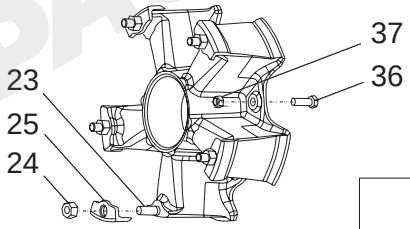
KF22 Axles use Q Brakes, KF29 Axles use P Brakes

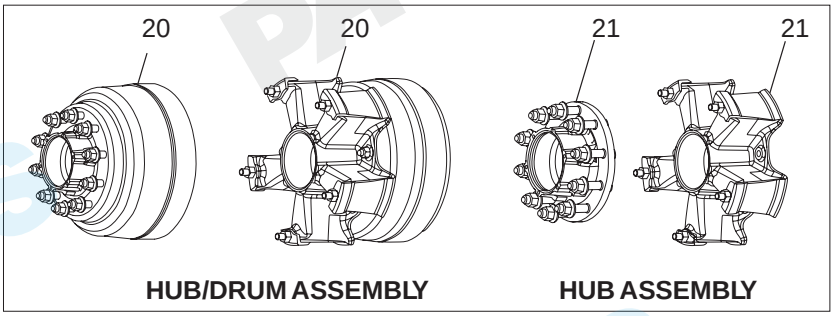
KF21 HD DRUM BRAKE AXLE
420 x 180mm XEM BRAKES - (22.5") - TP









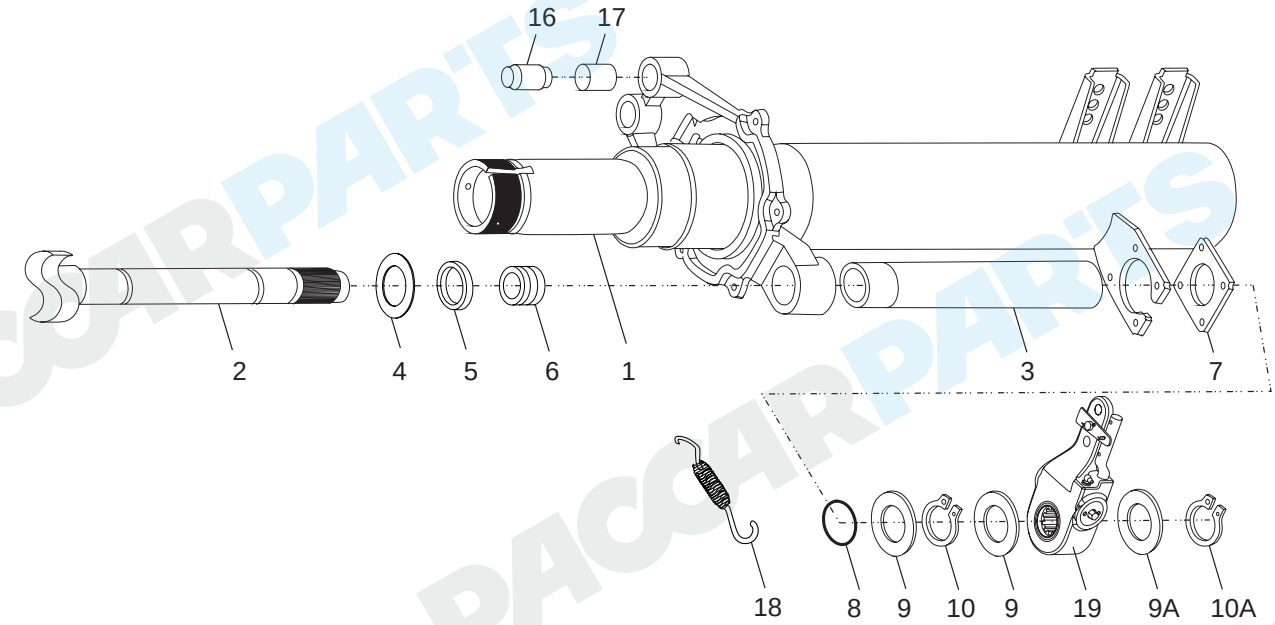


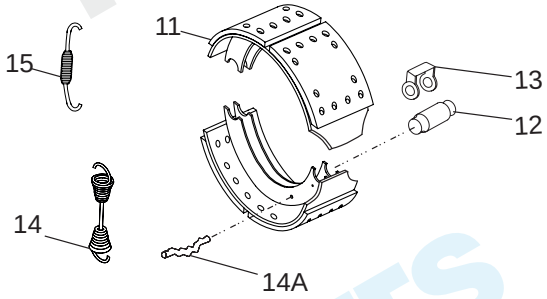
KF21 HD DRUM BRAKE AXLE
420 x 180mm XEM BRAKES - (22.5") - TP

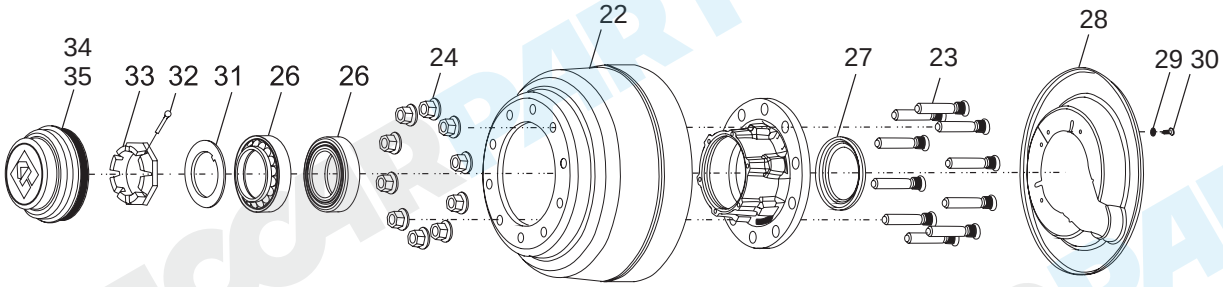
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	KF21BX12X1850P30	Beam & Cam Assembly	Ø127 x 19 - Sold as Axle Assy, PN for ref only	1
	KF21BX12X1850U30		Ø127 x 12 - Sold as Axle Assy, PN for ref only	1
	KF21BX13X1850P30	Beam & Brake Assembly	Ø127 x 19 - Sold as Axle Assy, PN for ref only	1
	KF21BX13X1850U30		Ø127 x 12 - Sold as Axle Assy, PN for ref only	1
2	C11-0101C-613LH	Camshaft – LH (613mm) 1-⅝" 37 Spline		1
	C11-0101C-613RH	Camshaft – RH (613mm) 1-⅝" 37 Spline		1
3	C30-0101-613	Cam Tube	Old Style - to 2008	2
	C30-0102-613		Contained in Kit A: C30-0102-613K	2
4	C12-0101	Washer, Camshaft Spacer		2
5	C14-0301	Seal, Camshaft Outer		2
	KH800161		Old Style - to 2008	2
6	C13-0101	Camshaft Bush (Spider)	Old Style - 33.8mm Wide	2
	C13-0301		New Style - 38mm Wide	2
7	C33-0101	Camshaft, Mounting Plate	Contained in Kit A: C30-0102-613K	2
8	C24-0101	O-Ring, Cam Tube Inner		2
9	C15-0101	Washer, Camshaft Spacer		4
9A	C15-0102	Washer, Slack Adjuster		2
10	C16-0401	Circlip, Camshaft Inner		2
10A	C16-0101	Circlip, Slack Adjuster		2
11	NSS	Shoe Set (2)	Contained in: Kit D: D20-010101K (Brake Shoe Kit)	2
12		Roller	Contained in: Kit D: D20-010101K (Brake Shoe Kit) & Kit E: D20-010101H (Brake Hardware Kit)	4
13		Roller Retainer		4
14		Return Spring		2
14A		Retaining Pin		4
15		Anchor Spring		2
16		Anchor Pin		4
17		Anchor Pin Bush		4
18	A20-0101	Return Spring, Slack Adjuster		2
19	61137370EF	Positive Lock Slack Adjuster	Manual	2
	ASC23112	Auto Slack Adjuster (5"/6"/7" Hole Positions)	Automatic (Optional)	2
20	KH3600/FF	Hub/Drum Assembly	5 Spoke 22.5"	2
	KH3600-0103	Hub/Drum Assembly - Short Stud	10 x 335 22.5"	2
	KH3600-0103Z	Hub/Drum Assembly - Long Stud		2
	KH3600-0303	Hub/Drum Assembly - Short Stud	10 x 285 22.5"	2
	KH3600-0303Z	Hub/Drum Assembly - Long Stud		2
21	KH3601/FF	Hub Assembly	5 Spoke 22.5"	2
	KH3601-0101	Hub Assembly – Short Stud	10 x 335 22.5"	2
	KH3601-0101Z	Hub Assembly – Long Stud		2
	KH3601-0302	Hub Assembly – Short Stud	10 x 285 22.5"	2
	KH3601-0302Z	Hub Assembly – Long Stud		2

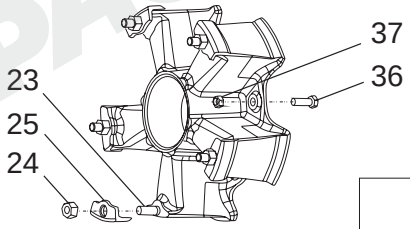
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

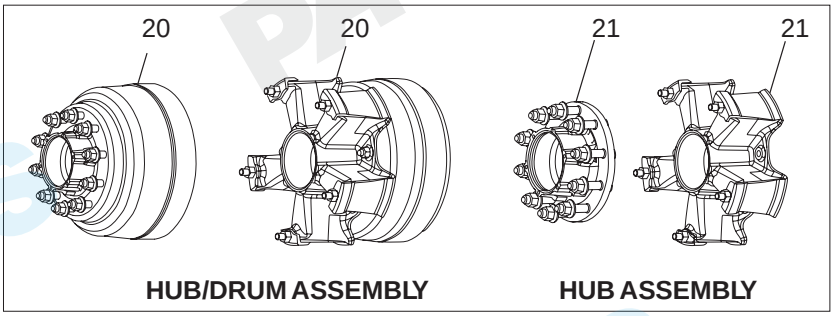
KF21 HD DRUM BRAKE AXLE CONTINUED
420 x 180mm XEM BRAKES - (22.5") - TP









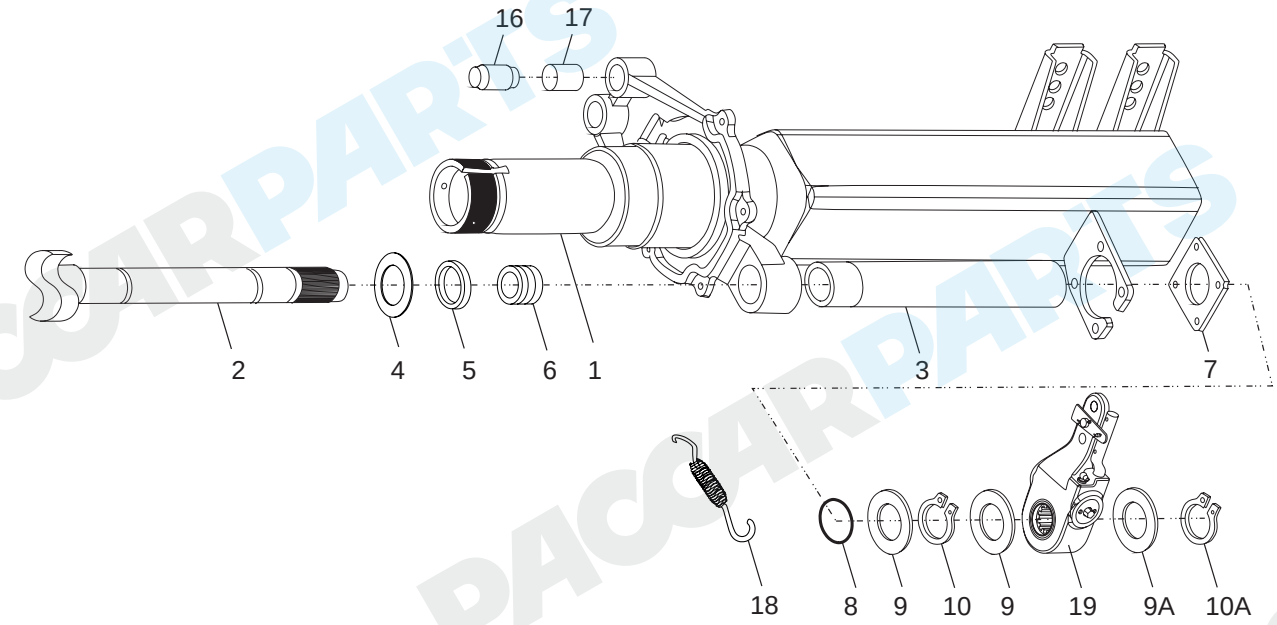


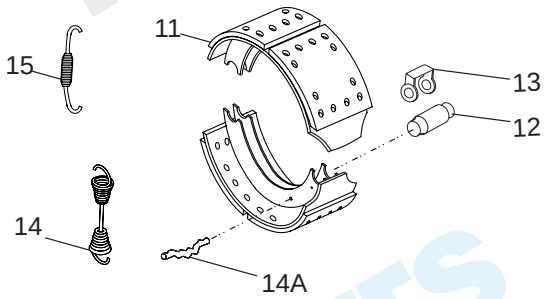
KF21 HD DRUM BRAKE AXLE CONTINUED
420 x 180mm XEM BRAKES - (22.5") - TP

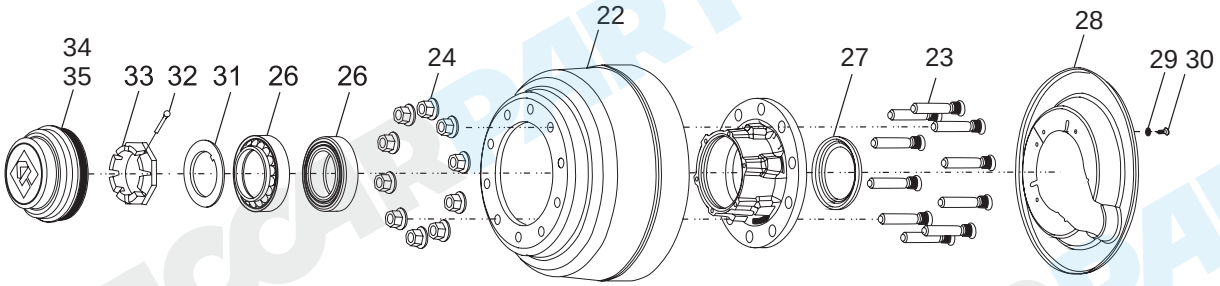
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
22	KH3602/FF	Drum	5 Spoke 22.5"	2
	KH3602-0101		10 x 335 22.5"	2
	KH3602-0303		10 x 285 22.5"	2
23	KH800106	Stud ¾" NC	5 Spoke 22.5"	10
	KH800104	Stud Short (M22 x 94)	10 x 285 22.5", 10 x 335 22.5"	20
	KH800239	Stud Long (M22 x 122)		20
24	H34-0901	Nut M22 x 32 A/F – 50mm Long	Optional - 10 x 285 22.5", 10 x 335 22.5"	20
	KH800098	Nut ¾" NC	5 Spoke 22.5"	10
	KH800096	Nut M22 x 32 A/F	10 x 285 22.5", 10 x 335 22.5"	20
	KH800238	Nut M22 x 33 A/F	Optional - 10 x 285 22.5", 10 x 335 22.5"	20
25	KH800146	Rim Clamp	5 Spoke 22.5"	10
26	H12-0100	Bearing Inner		2
	H12-0100	Bearing Outer		2
27	373-0223	Seal		2
28	H18-0101	Dust Cover		2
29	KH800055	Spring Washer		12
30	M8X16X1.75	Bolt – Dust Cover – M8		12
31	A11-0101	Washer Bearing	Contained in Kit F: AXK1T-02	2
32	A13-0101	Cotter Pin		2
33	A12-0101	Nut Spindle		2
34	H15-0201	O-Ring – Hub Cap		2
35	KH800205B	Hub Cap – Screw On – Black		2
36	NSS	Bolt – ¾" UNF x 2-¼" – GR8	5 Spoke 22.5"	10
37	NSS	Conelock Nut – ¾" UNF – GR8	5 Spoke 22.5"	10
NS	A15-0202	ABS Sensor Lead (Straight)	Contained in Kit G: ABSK1T-01	2
	A16-0101	Sleeve		2
	H41-0201	ABS Pole Ring – 100 Tooth ID Ø165mm		2

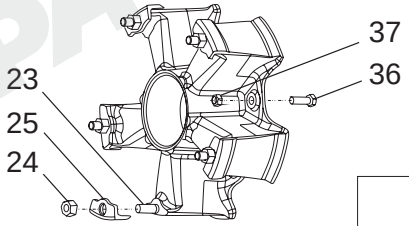
KIT PART NUMBER LISTING				
Kit A	C30-0102-613K	Cam Tube Kit (Suit 1 Cam)	Kit Suits: TP 1,850mm Track Axle Includes Item No: 3 - 10A	2
	C30-0101-613K		Kit Suits: TP 1,850mm Track Axle (Old Style) Includes Item No: 3 - 10A	2
Kit B	C13-0301K	Cam Bush Kit	Kit Suits: KF21 Axle Includes Item No: 4 - 6, 8 - 10A	2
Kit C	C13-0101K	Cam Bush Kit	Kit Suits: KF21 Axle (Old Style) Includes Item No: 4 - 6, 8 - 10A	2
Kit D	D20-010101K	Brake Shoe Kit (1 Wheel)	Kit Suits: KF21 Axle - 420mm x 180mm XEM Brakes Includes Item No: 11 - 17	2
Kit E	D20-020101H	Brake Hardware Kit (1 Wheel)	Kit Suits: KF21 Axle - 420mm x 180mm XEM Brakes Contained in Kit B: D20-010101K (Brake Shoe Kit) Includes Item No: 12 - 17	2
Kit F	AXK1T-02	Axle Nut Kit - TP	Kit Suits: TP Axle Includes Item No: 31 - 33	2
Kit G	ABSK1T-01	ABS Kit	Kit Suits: TP Axle	1

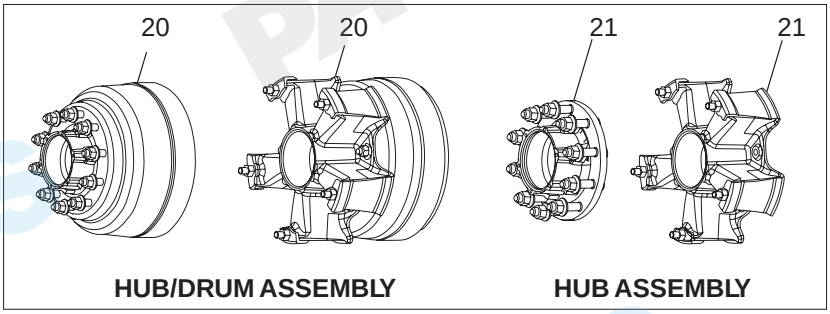
KF61 DRUM BRAKE AXLE
420 x 180mm XEM BRAKES - 150 SQUARE AXLE - TP











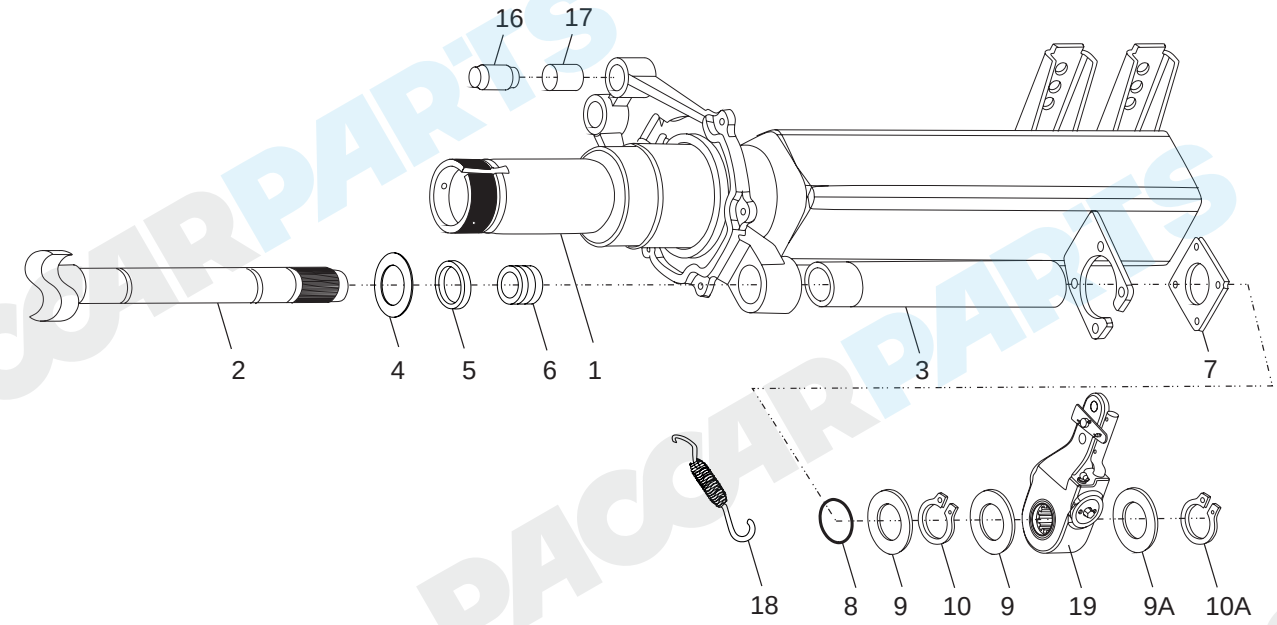
KF61 DRUM BRAKE AXLE
420 x 180mm XEM BRAKES - 150 SQUARE AXLE - TP

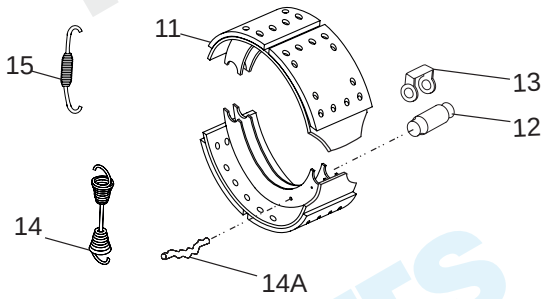
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	KF61BX12X1850R30	Beam & Cam Assembly	Sold as Axle Assy, PN for Ref Only	1
	KF61BX13X1850R30	Beam & Brake Assembly		1
2	C11-0101C-543LH	Camshaft – LH (543mm) 1-⅝" 37sp	Check the length of the S-Cam before you order & make sure you order the matching Cam Tube.	1
	C11-0101C-543RH	Camshaft – RH (543mm) 1-⅝" 37sp		1
	C11-0101C-613LH	Camshaft – LH (613mm) 1-⅝" 37sp		1
	C11-0101C-613RH	Camshaft – RH (613mm) 1-⅝" 37sp		1
3	C30-0102-543	Cam Tube	Containd in Kit A: C30-0102-543K Check the length of the S-Cam before you order and make sure you order the matching Cam Tube Tube Length - 429.5mm	2
	C30-0102-613		Contained in Kit B: C30-0102-613K Check the length of the S-Cam before you order and make sure you order the matching Cam Tube Tube Length - 499.5mm	2
	NA		Old Style	2
4	C12-0101	Washer, Camshaft Spacer	Contained in Kit A: C30-0102-543K & Kit B: C30-0102-613K	2
5	C14-0301	Seal, Camshaft Outer	Contained in Kit A: C30-0102-543K & Kit B: C30-0102-613K	2
	KH800161		Old Style	2
6	C13-0101	Camshaft Bush (Spider)	Old Style	2
	C13-0301		Contained in: Kit A: C30-0102-543K & Kit B: C30-0102-613K	2
7	C33-0101	Camshaft, Mounting Plate	Contained in: Kit A: C30-0102-543K & Kit B: C30-0102-613K	2
8	C24-0101	O-Ring, Cam Tube Inner		2
9	C15-0101	Washer, Camshaft Spacer		4
9A	C15-0102	Washer, Slack Adjuster		2
10	C16-0401	Circlip, Camshaft Inner		2
10A	C16-0101	Circlip, Slack Adjuster		2
11	NSS	Shoe Set (2)	Contained in: Kit D: D20-010101K (Brake Shoe Kit)	2
12		Roller	Contained in: Kit D: D20-010101K (Brake Shoe Kit) & Kit E: D20-010101H (Brake Hardware Kit)	4
13		Roller Retainer		4
14		Return Spring		2
14A		Retaining Pin		4
15		Anchor Spring		2
16		Anchor Pin		4
17		Anchor Pin Bush		4
18	A20-0101	Return Spring, Slack Adjuster		2
19	61137370EF	Positive Lock Slack Adjuster	Manual	2
	ASC23112	Auto Slack Adjuster (5"/6"/7" Hole Positions)	Automatic (Optional)	2
20	KH3600/FF	Hub/Drum Assembly	5 Spoke 22.5"	2
	KH3600-0103	Hub/Drum Assembly - Short Stud	10 x 335 22.5"	2
	KH3600-0103Z	Hub/Drum Assembly - Long Stud		2
	KH3600-0303	Hub/Drum Assembly - Short Stud	10 x 285 22.5"	2
	KH3600-0303Z	Hub/Drum Assembly - Long Stud		2

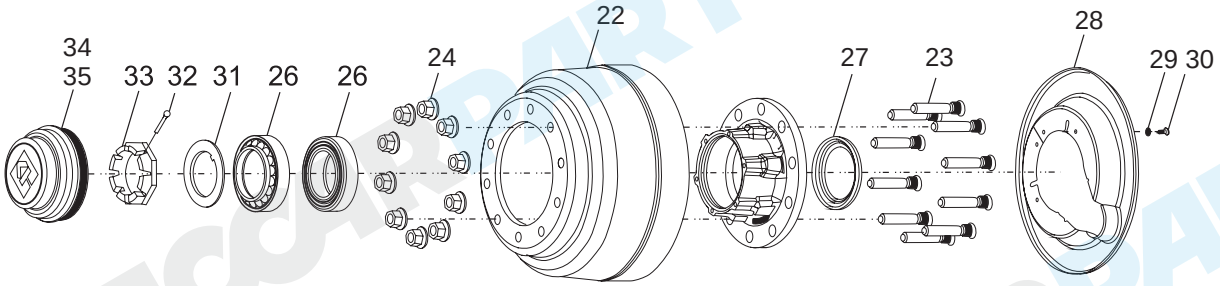
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

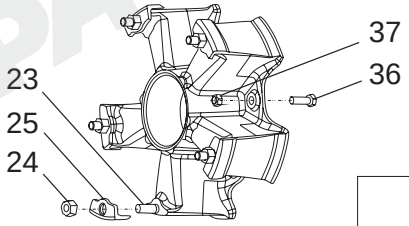
KF61 DRUM BRAKE AXLE CONTINUED

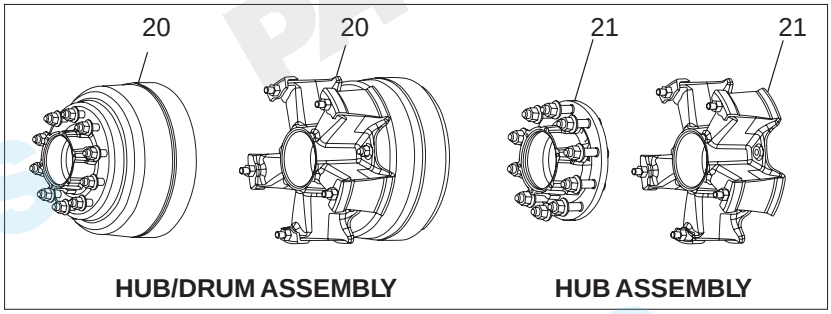
420 x 180mm XEM BRAKES - 150 SQUARE AXLE - TP











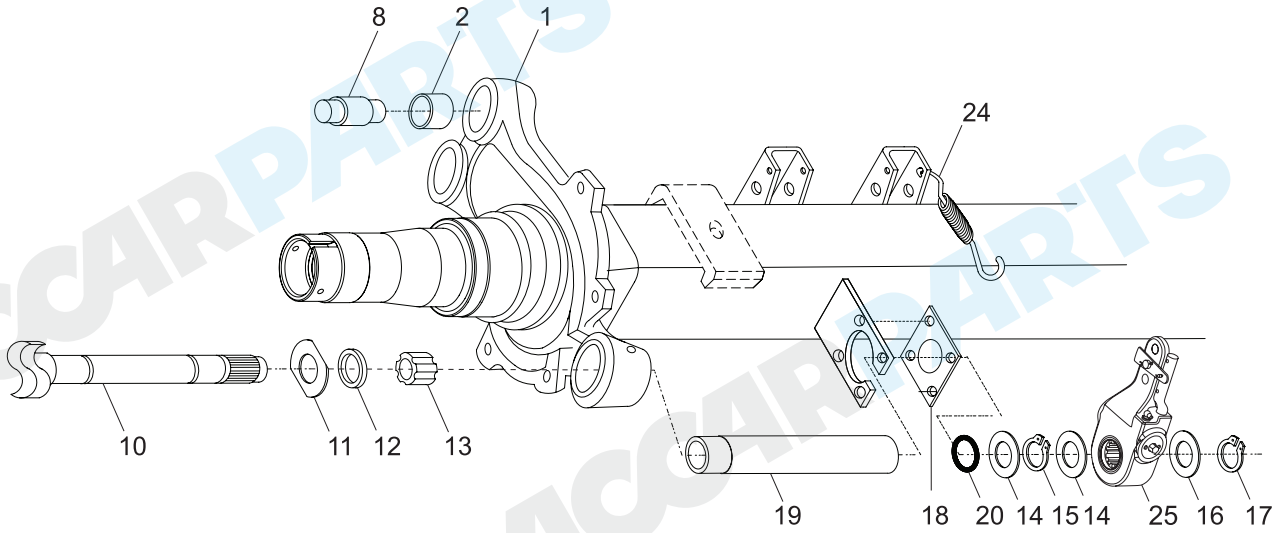
KF61 DRUM BRAKE AXLE CONTINUED
420 x 180mm XEM BRAKES - 150 SQUARE AXLE - TP

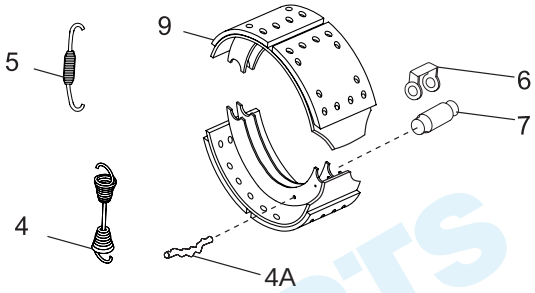
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
21	KH3601/FF	Hub Assembly	5 Spoke 22.5"	2
	KH3601-0101	Hub Assembly – Short Stud	10 x 335 22.5"	2
	KH3601-0101Z	Hub Assembly – Long Stud		2
	KH3601-0302	Hub Assembly – Short Stud	10 x 285 22.5"	2
	KH3601-0302Z	Hub Assembly – Long Stud		2
22	KH3602/FF	Drum	5 Spoke 22.5"	2
	KH3602-0101		10 x 335 22.5"	2
	KH3602-0303		10 x 285 22.5"	2
23	KH800106	Stud ¾" NC	5 Spoke 22.5"	10
	KH800104	Stud Short (M22 x 94)	10 x 285 22.5", 10 x 335 22.5"	20
	KH800239	Stud Long (M22 x 122)		20
24	H34-0901	Nut M22 x 32 A/F – 50mm Long	Optional - 10 x 285 22.5", 10 x 335 22.5"	20
	KH800098	Nut ¾" NC	5 Spoke 22.5"	10
	KH800096	Nut M22 x 32 A/F	10 x 285 22.5", 10 x 335 22.5"	20
	KH800238	Nut M22 x 33 A/F	Optional - 10 x 285 22.5", 10 x 335 22.5"	20
25	KH800146	Rim Clamp	5 Spoke 22.5"	10
26	H12-0100	Bearing Set		2
27	373-0223	Seal		2
28	H18-0101	Dust Cover		2
29	KH800055	Spring Washer		12
30	M8X16X1.75	Bolt – Dust Cover – M8		12
31	A11-0101	Washer (Bearing)		2
32	A13-0101	Cotter Pin		2
33	A12-0101	Nut Spindle		2
34	H15-0201	O-Ring – Hub Cap		2
35	KH800205B	Hub Cap – Screw On – Black		2
36	MB907B	Bolt – ¾" UNF x 2-¼" – GR8	5 Spoke 22.5"	10
37	MB907A	Conelock Nut – ¾" UNF – GR8	5 Spoke 22.5"	10
NS	A15-0101	ABS Sensor Lead (400mm)	Contained in Kit F: ABSK1T-03	2
	A16-0101	Sleeve		2
	H41-0401	ABS Pole Ring – 100 Tooth – Ø165 ID – 216 PCD		2

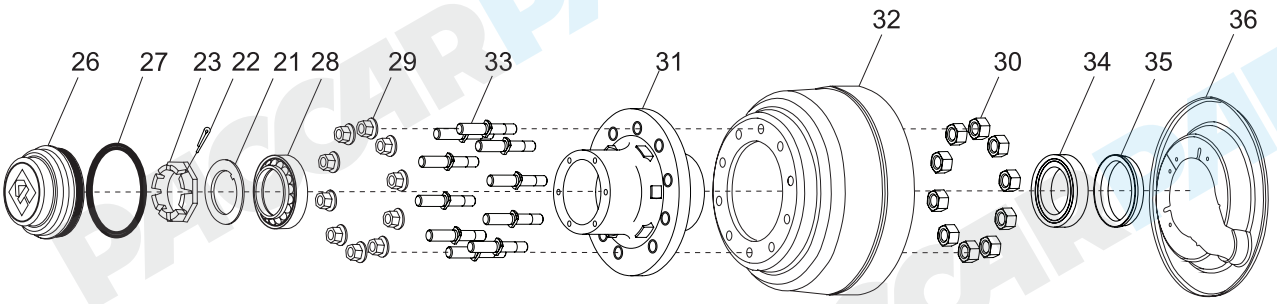
KIT PART NUMBER LISTING				
Kit A	C30-0102-543K	Cam Tube Kit (Suit 1 Cam)	Kit Suits: KF61 Axle Includes Item No: 3 - 10A	2
Kit B	C30-0102-613K	Cam Tube Kit (Suit 1 Cam)	Kit Suits: KF61 Axle Includes Item No: 3 - 10A	2
Kit C	C13-0301K	Cam Bush Kit	Kit Suits KF61 Axle Includes Item No: 4 - 6, 8 - 10A	2
Kit D	D20-010101K	Brake Shoe Kit (1 Wheel)	Kit Suits: KF61 Axle - 420mm x 180mm XEM Brakes Includes Item No: 11 - 17	2
Kit E	D20-020101H	Brake Hardware Kit (1 Wheel)	Kit Suits: KF61 Axle - 420mm x 180mm XEM Brakes Contained in Kit B: D20-010101K (Brake Shoe Kit) Includes Item No: 12 - 17	2
Kit F	ABSK1T-03	ABS Kit	Kit Suits: TP Axle	1

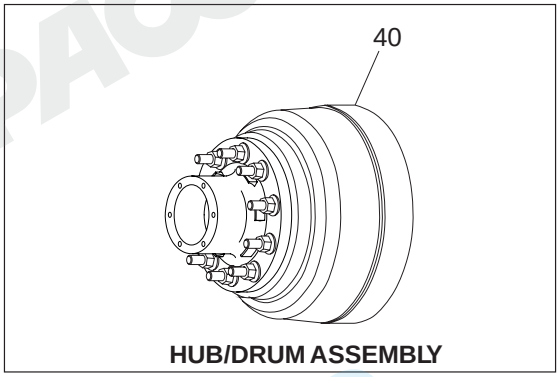
KF75 DRUM BRAKE AXLE

420 x 220mm XEM BRAKES - 150 SQUARE AXLE - TN-HD







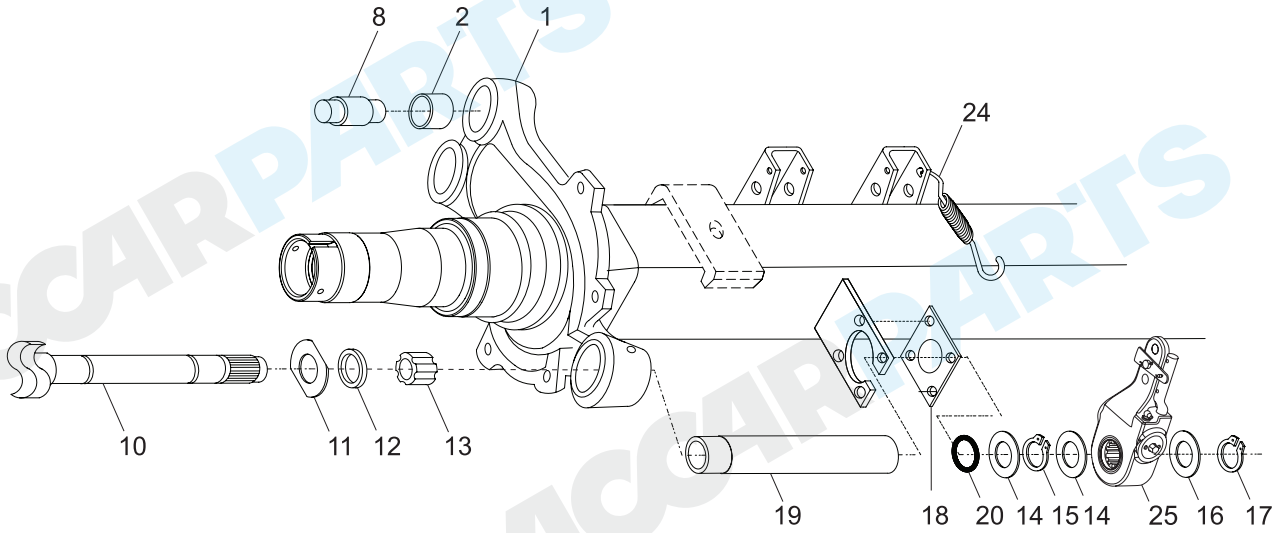


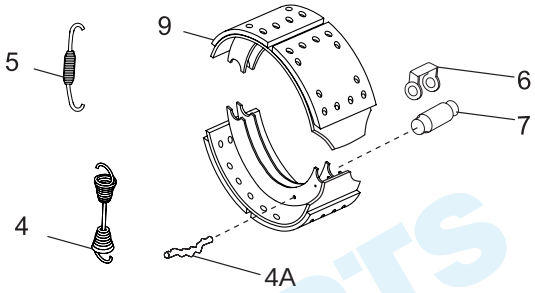
KF75 DRUM BRAKE AXLE
420 x 220mm XEM BRAKES - 150 SQUARE AXLE - TN-HD

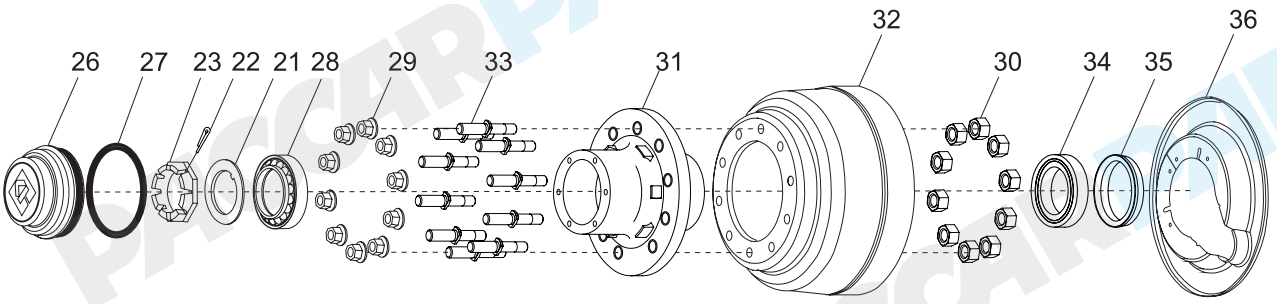
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	FB24XE-0100	Axle Beam	Sold as Axle Assy, PN for ref only	1
2	NSS	Bush Anchor Pin	Contained in: Kit A: D20-010201K (Brake Shoe Kit) & Kit B: D20-010101H (Brake Hardware Kit)	4
4		Return Spring		2
5		Spring, Anchor Pin		4
6		Roller Retainer		4
7		Roller		4
8		Anchor Pin		4
9		Brake Shoe Assembly	Contained in: Kit A: D20-010201K (Brake Shoe Kit)	4
10	C11-0101C-543LH	S-Cam – LH		1
	C11-0101C-543RH	S-Cam – RH		1
	C11-0101C-613LH	S-Cam – LH		1
	C11-0101C-613RH	S-Cam – RH		1
11	C12-0101	Thrust Washer	Contained in Kit C: C30-0102-543K & Kit D: C30-0102-613K	2
12	C14-0301	Seal, Camshaft Outer	Contained in Kit C: C30-0102-543K & Kit D: C30-0102-613K	2
	KH800161		Old Style	2
13	C13-0101	Camshaft Bush (Spider)	Old Style - 33.8mm Wide	2
	C13-0301		Contained in Kit C: C30-0102-543K & Kit D: C30-0102-613K	2
14	C15-0101	Washer	Contained in: Kit C: C30-0102-543K & Kit D: C30-0102-613K	4
15	C16-0401	Snap Ring		2
16	C15-0102	Washer		2
17	C16-0101	Snap Ring		2
18	C33-0101	Mounting Plate S-Cam Tube		2
19	C30-0102-543	Cam Tube (543mm Camshaft)	Contained in Kit C: C30-0102-543K	2
	C30-0102-613	Cam Tube (613mm Camshaft)	Contained in Kit D: C30-0102-613K	2
	KH3310-1042	Cam Tube (543mm Camshaft)	Old Style	2
	NA	Cam Tube (613mm Camshaft)		2
20	C24-0101	O-Ring	Contained in Kit C: C30-0102-543K & Kit D: C30-0102-613K	2
21	A11-0101	Washer		2
22	A13-0101	Cotter Pin		2
23	A12-0101	Nut		2
24	A20-0101	Spring, Slack Adjuster		2
25	A19-0300	Slack Adjuster	Manual	2
	ASC23112	Auto Slack Adjuster (5"/6"/7" Hole Positions)	Automatic (Optional)	2
26	KH800205	Hub Cap		2
	KH800205B	Hub Cap – Screw On – Black		2
27	H15-0201	O-Ring		2
28	H12-0100	Bearing Assembly Outer		2
29	KH800096	Nut, Wheel – (M22 x 1.5 – 32mm)	Axle BOM Until June 2019	20
	H34-0401	Nut, Wheel – (M24 x 1.5 – 34mm)	Axle BOM After June 2019	20
30	H40-0101	Nut, Stud		20
31	KH800229	Hub – 10 x 335		2

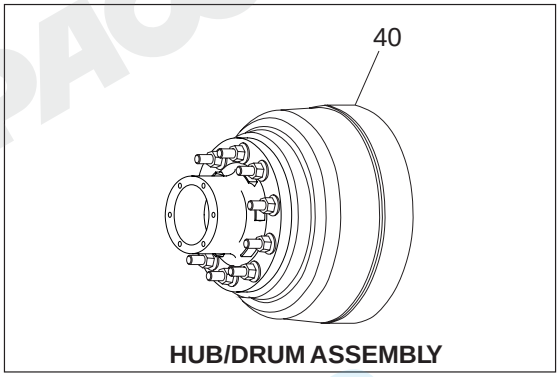
KF75 DRUM BRAKE AXLE CONTINUED

420 x 220mm XEM BRAKES - 150 SQUARE AXLE - TN-HD









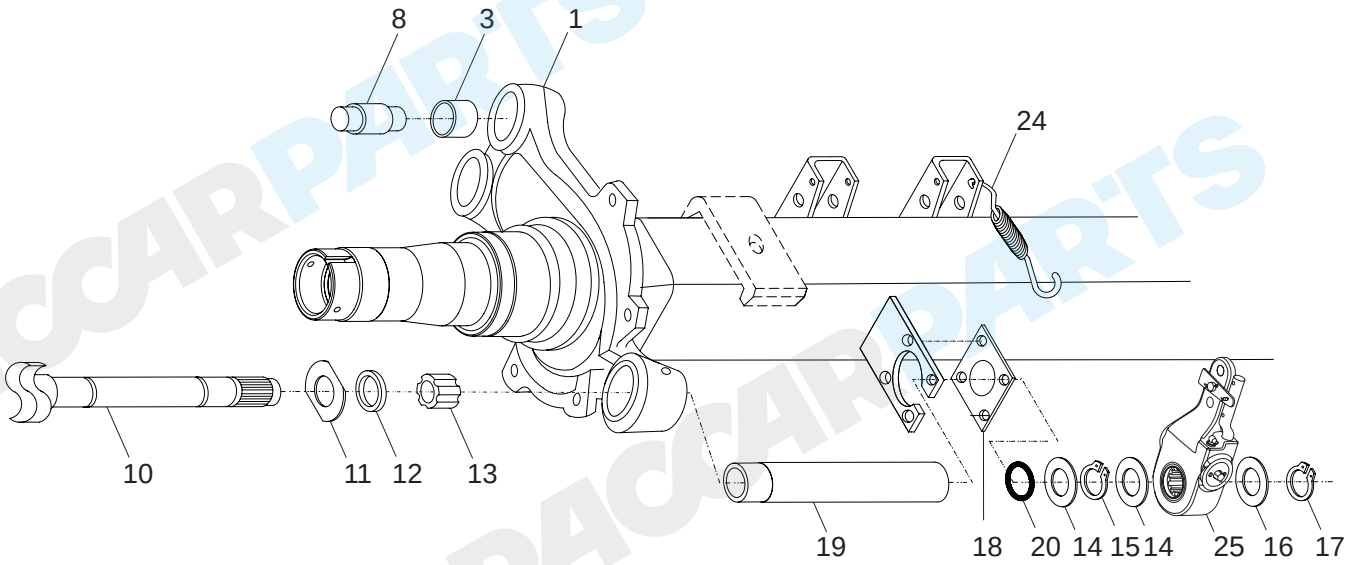
KF75 DRUM BRAKE AXLE CONTINUED
420 x 220mm XEM BRAKES - 150 SQUARE AXLE - TN-HD

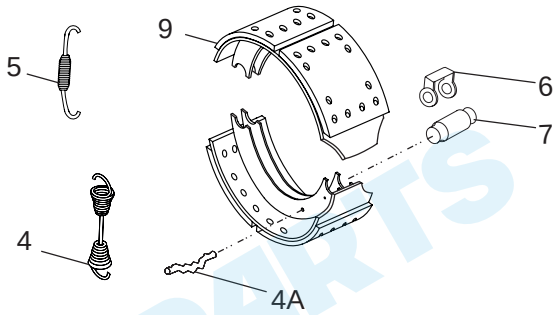
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
32	H32-2304	Drum		2
33	H33-2301	Stud (M22 x 1.5 – 125mm)	Axle BOM Until June 2019	20
	H33-2401	Stud (M24 x 1.5 – 140mm)	Axle BOM After June 2019	20
	H33-2302	Stud (M22 x 1.5 – 152mm)	Optional	20
34	H12-0200	Bearing Assembly Inner		2
35	H11-0300	Seal, Oil		2
36	H18-0104	Dust Shield		2
40	KH3601-2106	Hub & Drum Assembly C/W Short Studs	Optional	2

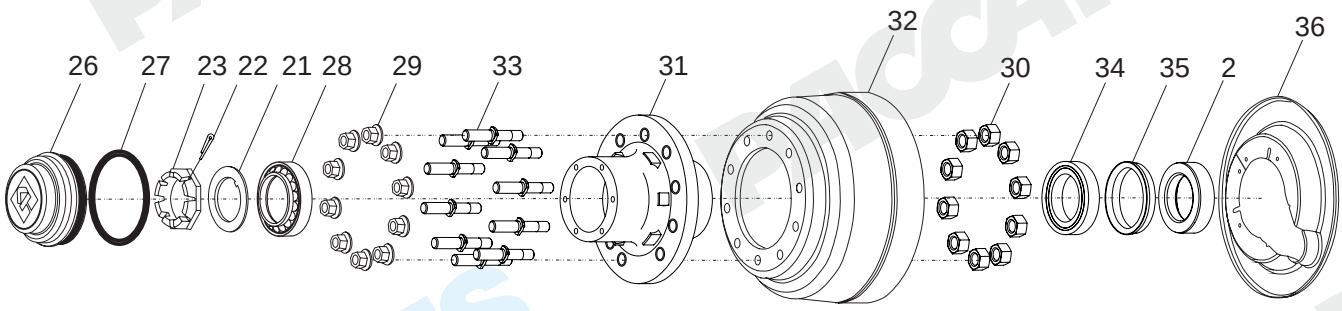
KIT PART NUMBER LISTING				
Kit A	D20-010201K	Brake Shoe Kit (1 Wheel)	Kit Suits: KF75 Axle - 420mm x 220mm XEM Brakes Includes Item No: 2 - 9	2
Kit B	D20-010101H	Brake Hardware Kit (1 Wheel)	Kit Suits: KF75 Axle - 420mm x 220mm XEM Brakes Contained in Kit A: D20-010101K (Brake Shoe Kit) Includes Item No: 2 - 8	2
Kit C	C30-0102-543K	Cam Tube Kit (Suit 1 Cam)	Kit Suits: KF75 Axle Includes Item No: 11 - 20	2
Kit D	C30-0102-613K	Cam Tube Kit (Suit 1 Cam)	Kit Suits: KF75 Axle Includes Item No: 11 - 20	2
Kit E	C13-0301K	Cam Bush Kit	Kit Suits KF75 Axle Includes Item No: 11 - 17, 20	2

KF85 DRUM BRAKE AXLE

420 x 220mm XEM BRAKES - 150 SQUARE AXLE - TN-XHD







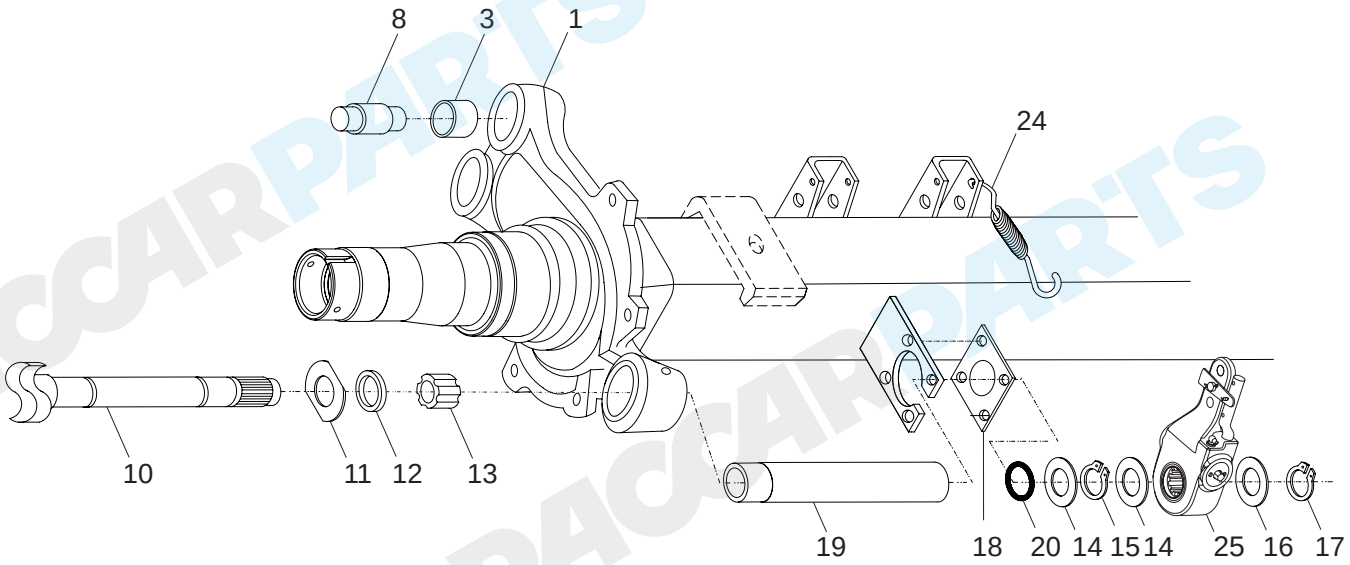
KF85 DRUM BRAKE AXLE
420 x 220mm XEM BRAKES - 150 SQUARE AXLE - TN-XHD

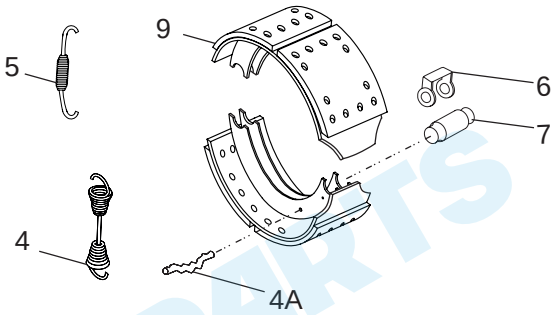
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
2	B19-0101	Spindle Spacer		2
3	NSS	Bush Anchor Pin	Contained in: Kit A: D20-010201K (Brake Shoe Kit) & Kit B: D20-010101H (Brake Hardware Kit)	2
4		Heavy Duty Return Spring		2
5		Spring Anchor Pin		4
6		Retainer Roller		4
7		Roller		4
8		Anchor Pin		4
9		Brake Shoe Assembly	Contained in: Kit A: D20-010201K (Brake Shoe Kit)	4
10	C11-0101C-543LH	S-Cam – LH (New)		1
	C11-0101C-543RH	S-Cam – RH (New)		1
	C11-0101C-613LH	S-Cam – LH (Old)		1
	C11-0101C-613RH	S-Cam – RH (Old)		1
11	C12-0101	Thrust Washer	Contained in: Kit C: C30-0102-543K & Kit D: C30-0102-613K	2
12	C14-0301	Seal		2
13	C13-0301	Bush		2
14	C15-0101	Washer		4
15	C16-0401	Snap Ring		2
16	C15-0102	Washer		2
17	C16-0101	Snap Ring		2
18	C33-0101	Mounting Plate S-Cam Tube		2
19	C30-0102-543	S-Cam Tube (New)	Contained in Kit C: C30-0102-543K Tube Length - 429.5mm	2
	C30-0102-613	S-Cam Tube (Old)	Contained in Kit D: C30-0102-613K Tube Length - 499.5mm	2
20	C24-0101	O-Ring	Contained in Kit C: C30-0102-543K & Kit D: C30-0102-613K	2
21	A11-0101	Washer		2
22	A13-0101	Cotter Pin		2
23	A12-0101	Nut		2
24	A20-0101	Spring, Slack Adjuster		2
25	A19-0300	Slack Adjuster	Manual	2
	ASC23112	Auto Slack Adjuster (5"/6"/7" Hole Positions)	Automatic (Optional)	2
26	KH800205	Hub Cap		2
27	H15-0201	O-Ring		2
28	H12-0100	Bearing Assembly, Outer		2
29	H34-0401	Nut, Wheel – (M24 x 1.5)		20
30	H40-0101	Nut, Stud		20
31	H31-8201	Hub – 10 x 335		2
32	H32-2304	Drum	420 x 220mm Brakes	2
33	H33-2303	Stud – (M24 x 1.5 – 135mm)		20
34	H12-0500	Bearing Assembly, Inner		2
35	H11-0401	Seal Oil		2
36	H18-0104	Dust Shield		2

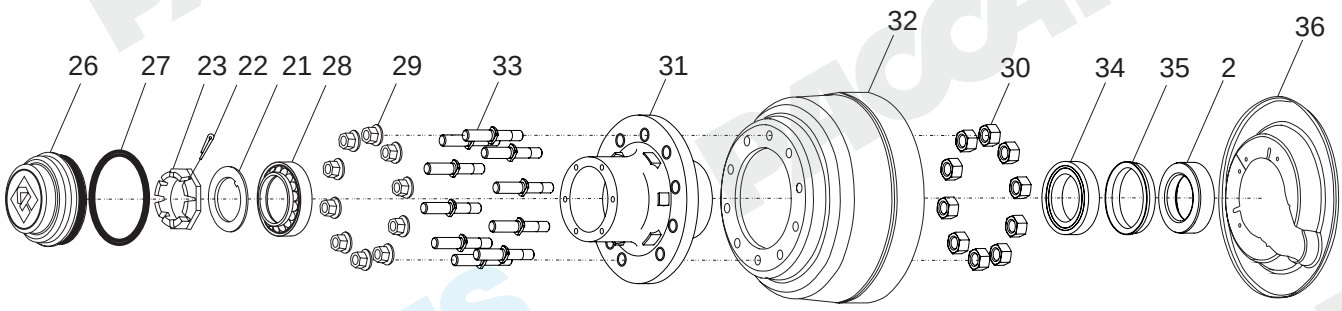
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

KF85 DRUM BRAKE AXLE CONTINUED

420 x 220mm XEM BRAKES - 150 SQUARE AXLE - TN-XHD



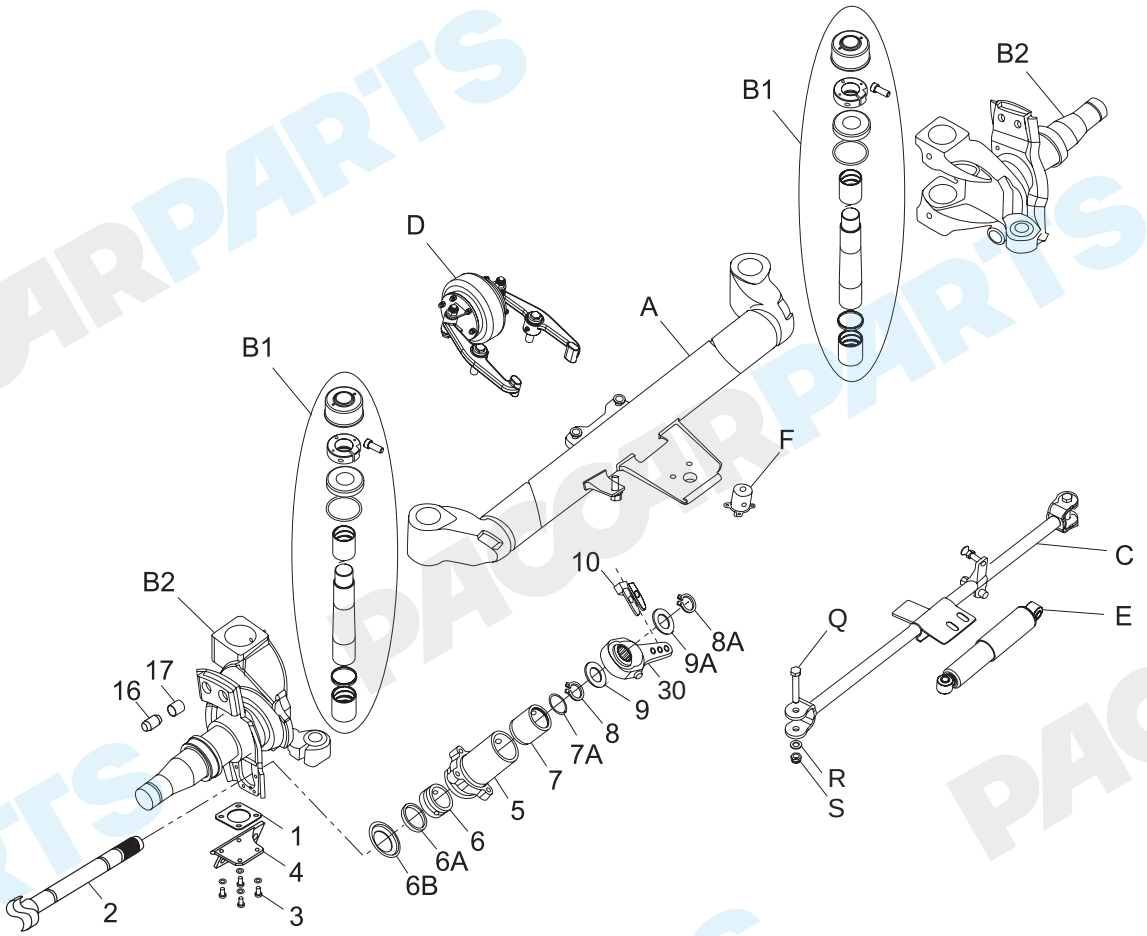


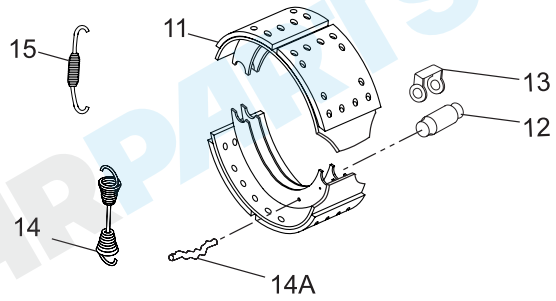


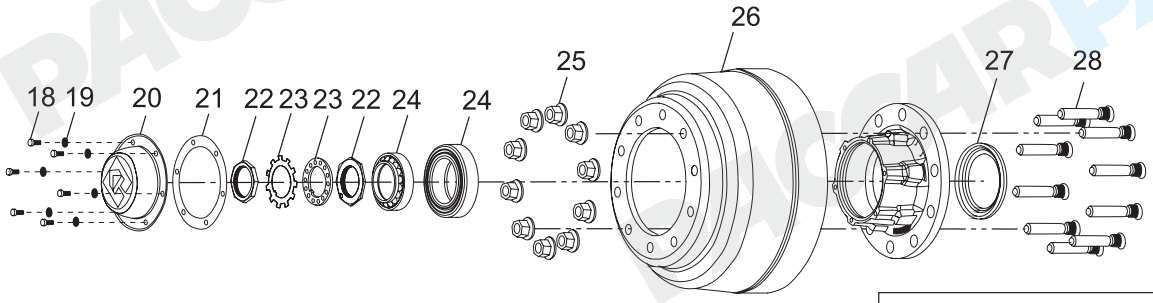
KF85 DRUM BRAKE AXLE CONTINUED
420 x 220mm XEM BRAKES - 150 SQUARE AXLE - TN-XHD

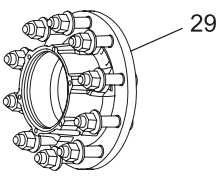
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
KIT PART NUMBER LISTING				
Kit A	D20-010201K	Brake Shoe Kit (1 Wheel)	Kit Suits: KF85 Axle - 420mm x 220mm XEM Brakes Includes Item No: 3 - 9	2
Kit B	D20-010101H	Brake Hardware Kit (1 Wheel)	Kit Suits: KF85 Axle - 420mm x 220mm XEM Brakes Contained in Kit A: D20-010101K (Brake Shoe Kit) Includes Item No: 3 - 8	2
Kit C	C30-0102-543K	Cam Tube Kit (Suit 1 Cam)	Kit Suits: KF85 Axle Includes Item No: 11 - 20	2
Kit D	C30-0102-613K	Cam Tube Kit (Suit 1 Cam)	Kit Suits: KF85 Axle Includes Item No: 11 - 20	2
Kit E	C13-0301K	Cam Bush Kit	Kit Suits KF85 Axle Includes Item No: 11 - 17, 20	2

KSS1 SELF STEER AXLE
420 x 180mm Q BRAKES - TN









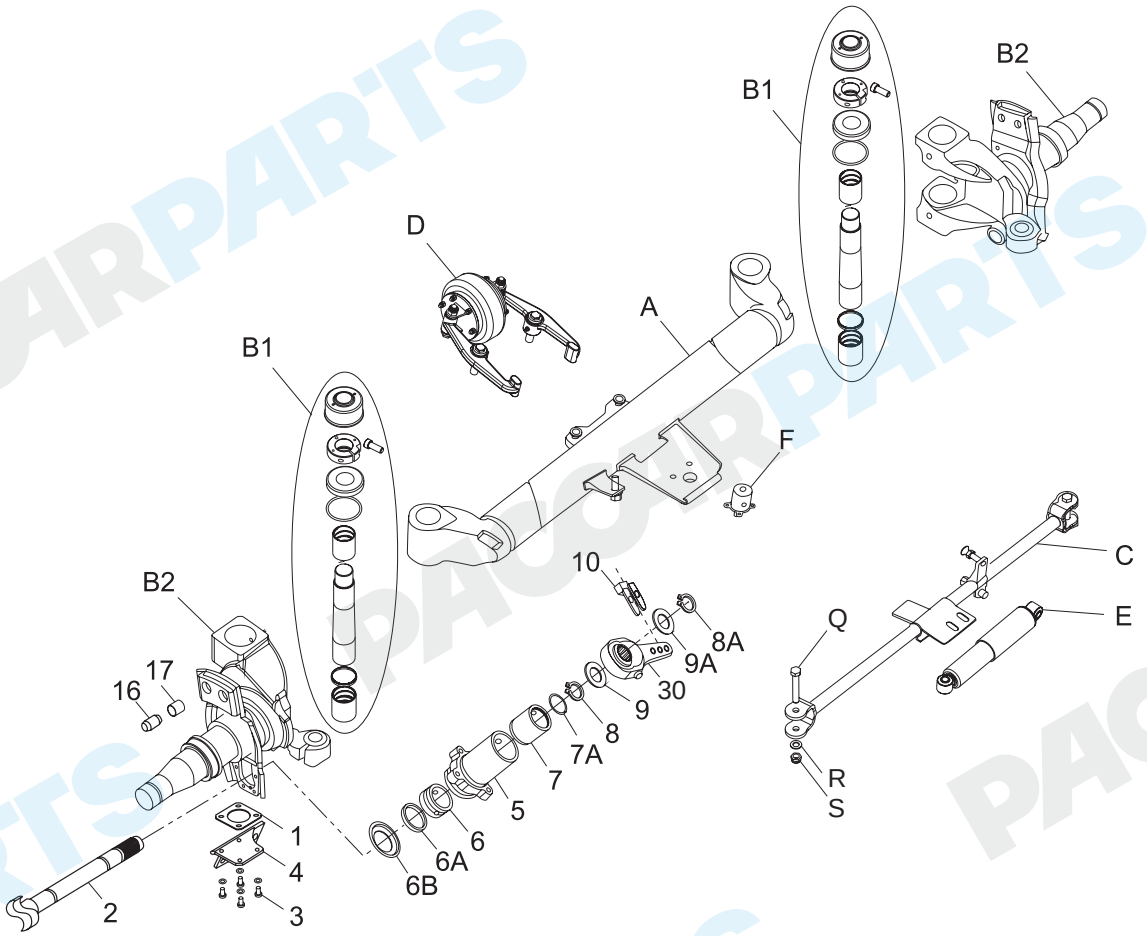
HUB ASSEMBLY

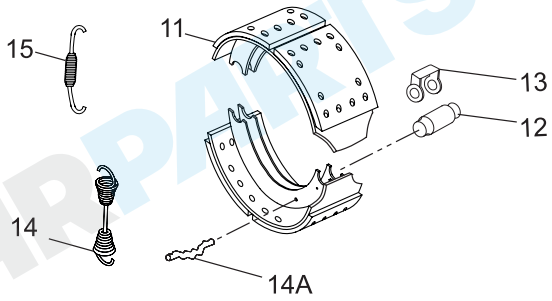
KSS1 SELF STEER AXLE
420 x 180mm Q BRAKES - TN

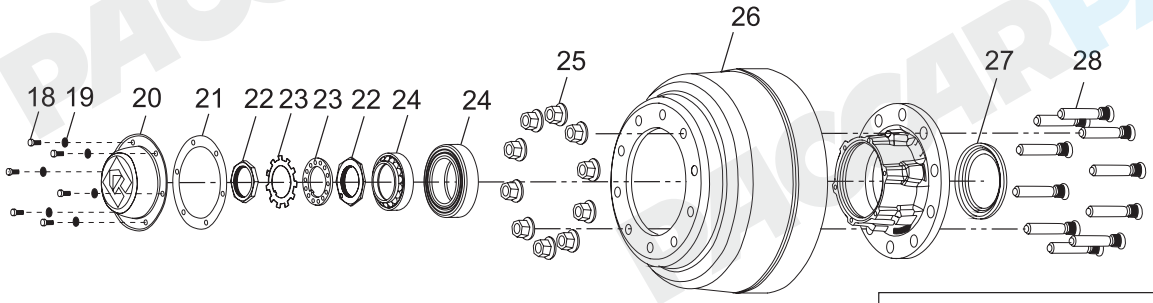
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	N0902000100A	Gasket		2
2	21227113N	S-Cam – RH	Axles Manufactured After June 2013	1
	21227114N	S-Cam – LH		1
3	B071010X025A	Bolt – M10X1.5X25		8
4	G0104058300A	Booster Bracket – RH 24° – 85mm Offset		1
	G0104058350A	Booster Bracket – LH 24° – 85mm Offset		1
5	NSS	S-Cam Tube		2
6	21225705	Bush (ID 42.9mm)	Axles Manufactured Before June 2013	2
	1225-N-1158	Bush (ID 41.1mm)	Axles Manufactured After June 2013	2
6A	A-1205-S-2645	Lip Seal		2
6B	1229-K-4795	Washer Seal		2
7	N0503000100A	Bush (Slack Adjuster Side)		2
7A	21016721	O-Ring		2
8	99507030	External Circlip		2
8A	C16-0501	External Circlip		2
9	21219862	Retaining Washer		2
9A	C15-0102	Retaining Washer		2
10	CWMC8425KTAS	Offset Booster Rod Yoke Kit – ⅝" Offset		1
11	NSS	Brake Shoe Set	Contained in Kit A: D20-020101K (Brake Shoe Kit)	2
12		Roller	Contained in Kit A: D20-020101K (Brake Shoe Kit) & Kit B: D20-020101H (Brake Hardware Kit)	4
13		Roller Retainer		4
14		Return Spring		2
14A		Retaining Pin		4
15		Anchor Spring		2
16		Anchor Pin		4
17		Anchor Pin Bush		4
18	KH800122	Bolt – Hub Cap – 5/16"		12
19	KH800055	Washer – Hub Cap Bolt		12
20	KH800110B	Hub Cap – Black – Ø139.7 PCD		2
	KHALU01	Hub Cap – Aluminium – Ø139.7 PCD		2
21	H15-0102	Gasket – Hub Cap		2
22	A12-0201	Spindle Nut – Inner	Contained in Kit C: AXK1T-01	2
	A24-0101	Spindle Nut – Outer		2
23	A11-0201	Lock Washer	Contained in Kit C: AXK1T-01	2
	A25-0101	Lock Tab Washer		2
24	H12-0300	Bearing – Inner		2
	H12-0400	Bearing – Outer		2
25	KH800096	Nut – M22 x 32A/F		20
	KH800238	Nut – M22 x 33A/F		20
26	CM10037763	Drum – 10 x 285		2
27	46305S	Seal		2
28	KH800104	Stud – Short (M22 x 94)		20
	KH800239	Stud – Long (M22 x 122)		20
29	KH3601-3010	Hub Assembly – 10X285 TN – Short Stud		2
	KH3601-3010Z	Hub Assembly – 10X285 TN – Long Stud		2
30	278323EF	Slack Adjuster Manual	Use ⅝" Offset Clevis	2

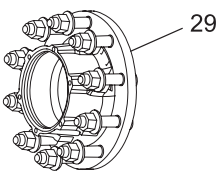
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

KSS1 SELF STEER AXLE CONTINUED
420 x 180mm Q BRAKES - TN









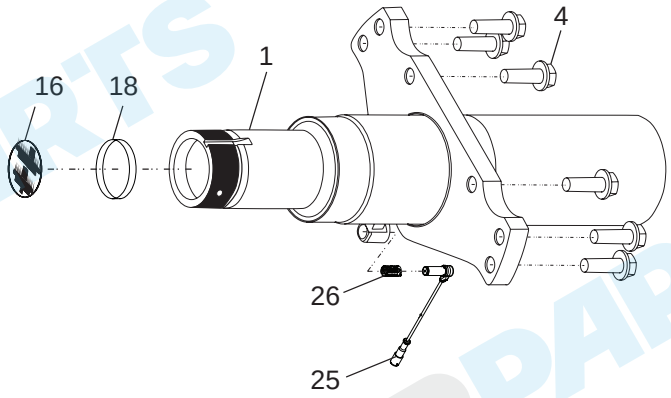
HUB ASSEMBLY

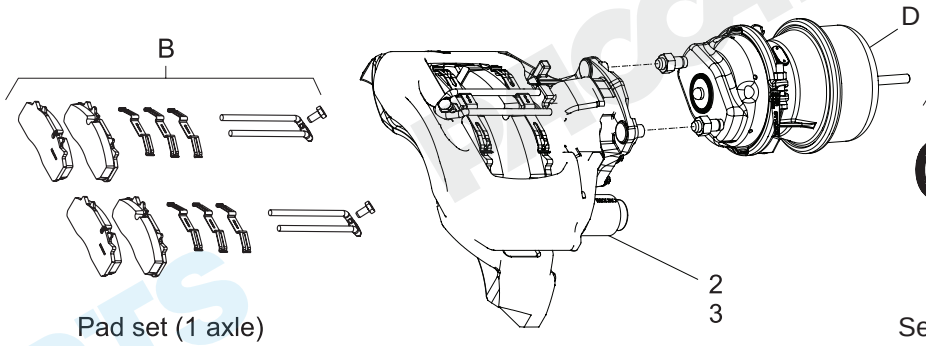
KSS1 SELF STEER AXLE CONTINUED
420 x 180mm Q BRAKES - TN

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
A	GF001010494A	Axle Beam 10T – 1150mm Centres	N100912-001	1
B1	GF006010012A	King Pin Set – LH & RH		1
B2	GF002010490A	Knuckle – RH Only		1
	GF002010491A	Knuckle – LH Only		1
C	GF004010165A	Track Rod 10T – 1150mm Centres		1
D	GF003010037A	Torpess – Complete		1
E	BA1010000401A	Shock Absorber		1
F	B1303001300A	Locking Cylinder – Ø25mm Pin		1
Q	B0710001100A	Knurled Bolt M20		2
R	B0703000100A	Washer		2
S	B0702200H23A	Nut		2

KIT PART NUMBER LISTING				
Kit A	D20-020101K	Brake Shoe Kit (1 Wheel)	Contains Items 11-17	2
Kit B	D20-020101H	Brake Hardware Kit (1 Wheel)	Kit Suits: KSS1 Axle - 420mm x 180mm Q Brakes Contained in Kit A: D20-020101K (Brake Shoe Kit) Includes Item No: 12 - 17	2
Kit C	AXK1T-01	Axle Nut Kit - TN	Kit Suits: TN Axle Includes Item No: 22 - 23	2

KF26, KF36 DISC BRAKE AXLE
PAN 19 - TN, TP, UNITISED

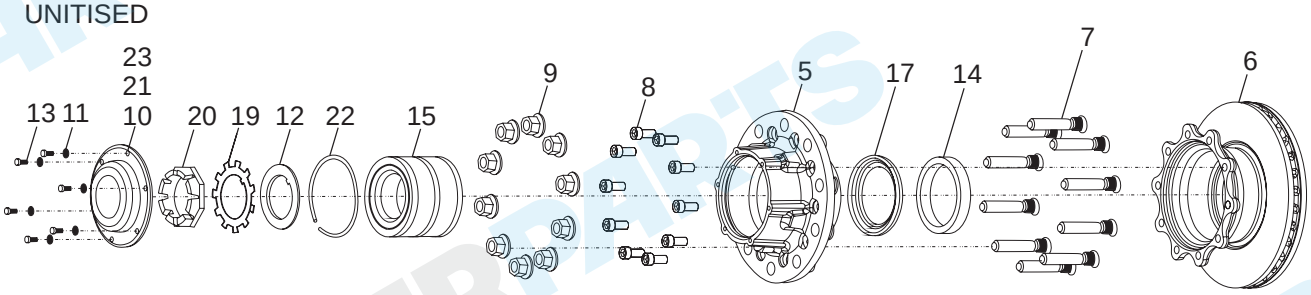




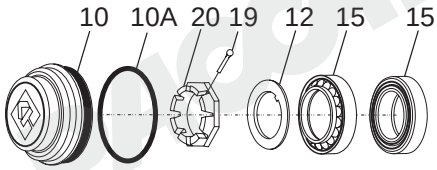
Pad set (1 axle)

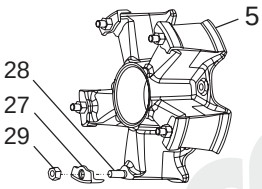
Seal and guide pin kit (1 caliper)

UNITISED

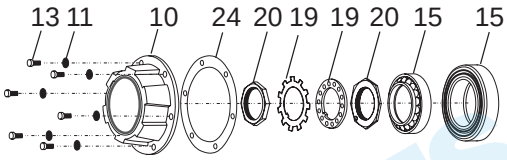


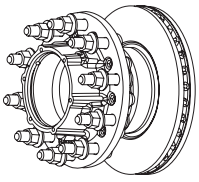
TP





TN





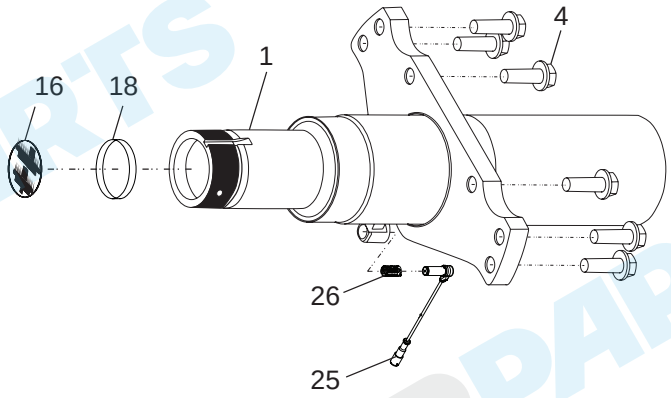
HUB/ROTOR ASSEMBLY: A

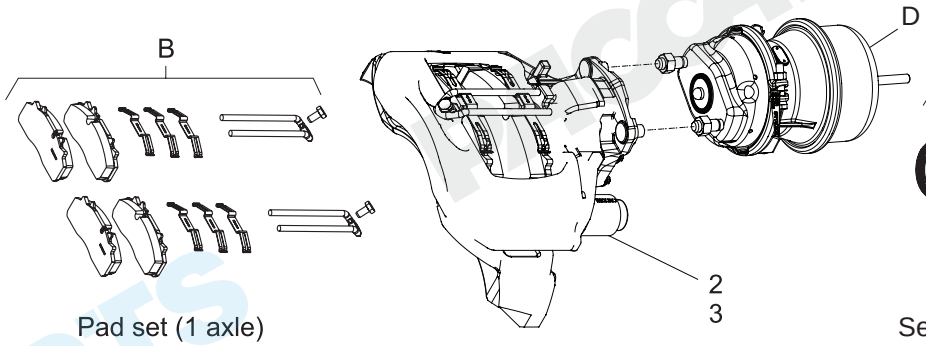
KF26, KF36 DISC BRAKE AXLE
PAN 19 - TN, TP, UNITISED

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	APP.	QTY/ AXLE
1	FP20DB0100	Beam 8 & 10 Stud	Sold as Axle Assy, PN for Ref Only	1850 - TP	1
	FP20DB0200	Beam 5 Spoke			1
	KF26AX12X1850N	Beam 8 & 10 Stud		1850 - TN	1
	FU20DB0100			1850 - Unitised	1
	FU20DB0200	Beam 5 Spoke			1
	KF26AX12X1820N	Beam		1820 - TN	1
	FU20DB0100-1820			1820 - Unitised	1
2	6401951310	Caliper – LH	PAN 19 Disc Brake		1
3	6401951320	Caliper – RH	PAN 19 Disc Brake		1
4	B30-0102	Bolt			12
5	FW336	Hub		5 Spoke - TP	2
	FW428			8 x 275 - TN	2
	FW429			10 x 285 - TN	2
	FW431			10 x 285 - TP	2
	FW443			10 x 335 - TN	2
	FW444			10 x 335 - Unitised	2
	FW473			10 x 285 - Unitised	2
	FW497			8 x 275 - Unitised	2
6	BC8435TP	Rotor PAN 19 – 5 Bolt		5 Spoke - TP 90T	2
	BC8433	Rotor PAN 19 – 8 Bolt		10 x 285 - TN 90T	2
	BC8439			8 x 275 - Unitised 90T	2
	H32-D101	Rotor PAN 19 – 10 Bolt		10 x 285 - Unitised 90T	2
	H32-D102			10 x 285 - TP 80T	2
7	KH800104	Stud Short (M22 x 94mm)	Not Used On 5 Spoke		20
	KH800239	Stud Long (M22 x 122mm)			20
8	KHDB012	Bolt Hub-Rotor M14 x 1.5			16
	KHDB014	Bolt Hub-Rotor M16 x 2			20
	KHDB015	Bolt Hub-Rotor M12 x 1.75			20
9	KH800238	Nut Std (Std .33mm on Disc)			20
10	KH340-4322	Hub Cap – Ø179 PCD		10 x 285 - TP	2
	KH800205B	Hub Cap - Screw On - Black		5 Spoke - TP	2
	KHALU01	Hub Cap – Ø139.7 PCD		10 x 285, 10 x 335, 8 x 275 - TN	2
	N300016-002	Hub Cap – Ø179 PCD		Unitised	2
10A	H15-0201	O-Ring		5 Spoke - TP	2
11	KH800055	Washer – Hub Cap Bolt			12
12	A11-0101	Washer Bearing	Contained in: Kit F: AXK1T-02 (Axle Nut Kit - TP) Kit G: AXK1T-03 (Axle Nut Kit - Unitised) & Kit H: AXK1T-05 (Wheel Bearing & Seal Kit)	10 x 285, 5 Spoke - TP & Unitised, 10 x 335, 8 x 275, 5 Spoke - Unitised	2
13	KH800122	Bolt – Hub Cap			12
14	N300200-002	Seal Shield	Contained in Kit H: AXK1T-05	Unitised	2
15	BTH-0500	Bearing Cartridge (11T)	Contained in Kit H: AXK1T-05	Unitised	2
	H12-0100	Bearing		10 x 285, 5 Spoke - TP	2
	H12-0300	Bearing Inner		10 x 285, 10 x 335, 8 x 275 - TN	2
	H12-0400	Bearing Outer			2

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

KF26, KF36 DISC BRAKE AXLE CONTINUED
PAN 19 - TN, TP, UNITISED

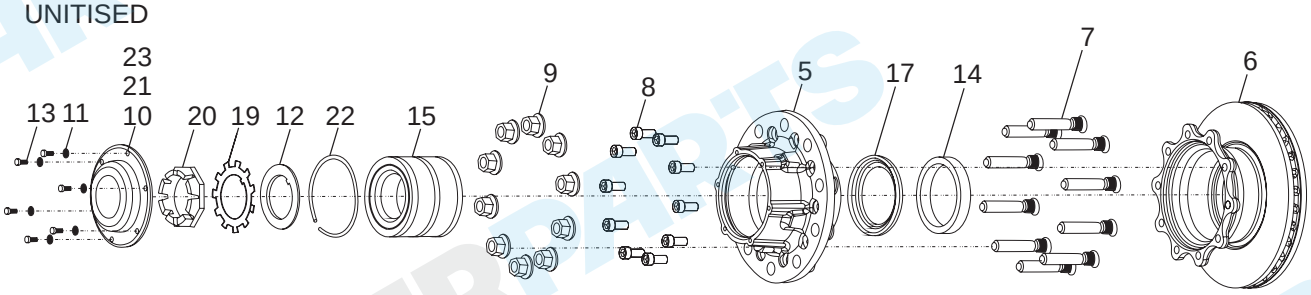




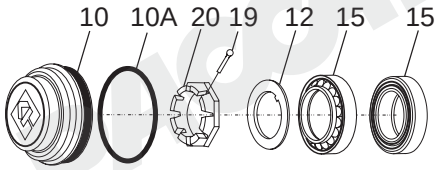
Pad set (1 axle)

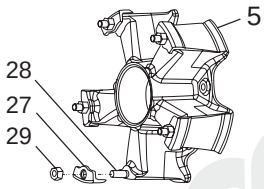
Seal and guide pin kit (1 caliper)

UNITISED

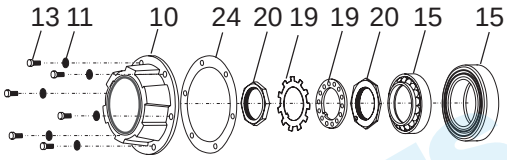


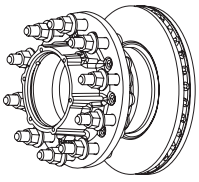
TP





TN





HUB/ROTOR ASSEMBLY: A

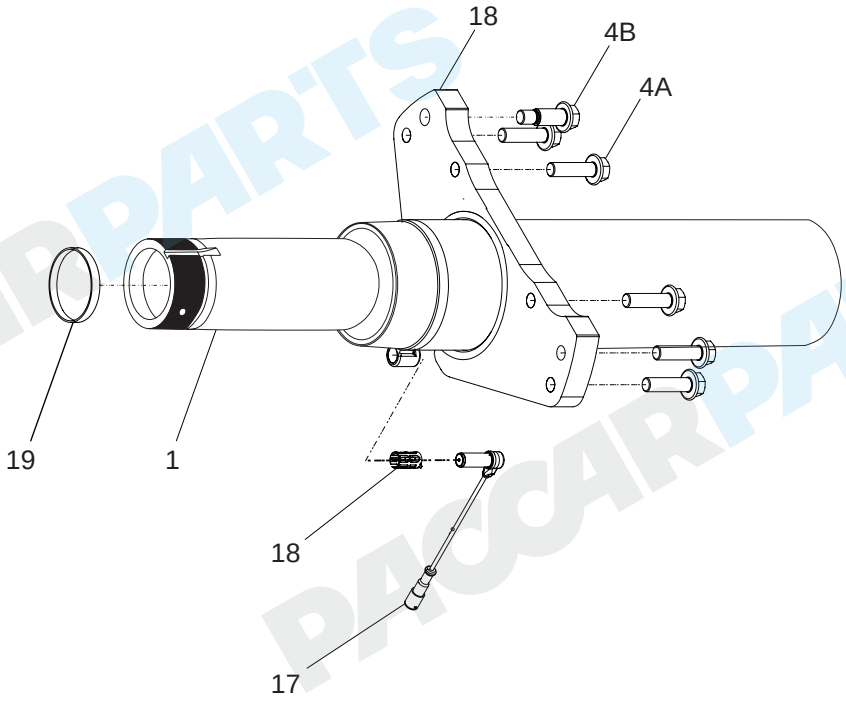
KF26, KF36 DISC BRAKE AXLE CONTINUED
PAN 19 - TN, TP, UNITISED

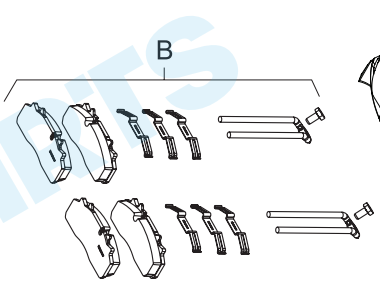
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	APP.	QTY/ AXLE
16	FHD-046	Decal		Unitised	2
17	809	Seal	(Axles Built From 2012) Contained in Kit H: AXK1T-05	Unitised	2
	393-0273		(Axles Built Before 2012)		2
	373-0223				2
	373-0243			TN	2
18	STP275	Decal Cap		Unitised	2
19	A11-0201	Lock Washer	Contained in Kit E: AXK1T-01	TN	2
	A25-0101	Lock Tab			2
	A13-0101	Cotter Pin	Contained in Kit F: AXK1T-02	10 x 285, 5 Spoke - TP	2
	N300002-002	Lock Tab	Contained in: Kit G: AXK1T-03 (Axle Nut Kit) & Kit H: AXK1T-05 (Wheel Bearing & Seal Kit)	Unitised	2
20	A12-0101	Nut Spindle	Contained in: Kit F: AXK1T-02 (Axle Nut Kit - TP) Kit G: AXK1T-03 (Axle Nut Kit - Unitised) & Kit H: AXK1T-05 (Wheel Bearing & Seal Kit)		2
	A12-0201	Nut Spindle – Inner	Contained in Kit E: AXK1T-01	TN	2
	A24-0101	Nut Spindle – Outer			2
21	10002	Fuwa Badge		Unitised	2
22	CRS.S	Snap Ring	Contained in Kit H: AXK1T-05		2
23	N300015-002	O-Ring – Hub Cap	Contained in Kit H: AXK1T-05		2
24	H15-0102	Gasket – Hub Cap		TN	2
	KH3303118			10 x 285, 5 Spoke - TN	2
25	A15-0101	ABS Sensor Lead (400mm)			2
26	A16-0101	Sleeve			2
A	FWA473-01	Hub / Rotor Assembly		10 x 285 Unitised	2
	NA			10 x 285 TN	2
				10 x 285 TP	2
				10 x 335 TN	2
				10 x 335 Unitised	2
				5 Spoke TP	2
				8 x 275 TN	2
				8 x 275 Unitised	2
B	12999737	Pad Set		PAN 19 Disc Brake	1
C	6402259212	Caliper Seal/Guide Pin Kit			2
D	RPS	Brake Booster	Refer to Brake Booster Section[1]		2
E	AXK1T-01	Axle Nut Kit - TN	Includes Item No: 19 - 20	Kit Suits: TN Axle	2
F	AXK1T-02	Axle Nut Kit - TP	Includes Item No: 12, 19 - 20	Kit Suits: TP Axle	2
G	AXK1T-03	Axle Nut Kit	Contained in Kit H: AXK1T-05 Includes Item No: 12, 19 - 20	Kit Suits: Unitised 11T Axle	2
H	AXK1T-05	Wheel Bearing & Seal Kit	Includes Item No: 26,27, 31 - 35	Kit Suits: Unitised 11T Axle	2

1: paccarparts.com.au/trailer

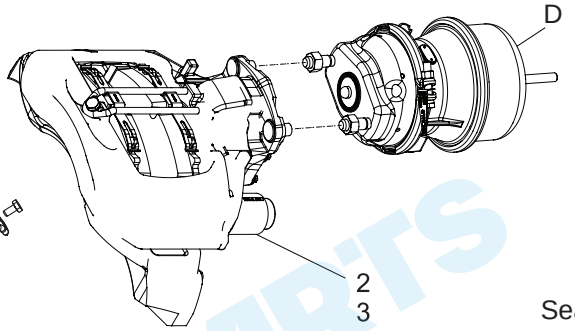
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

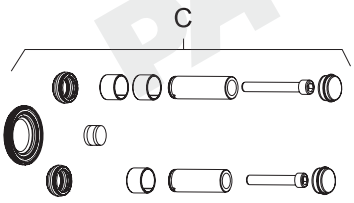
KF23 DISC BRAKE AXLE
PAN 22 - TP CONMET PRESET PLUS





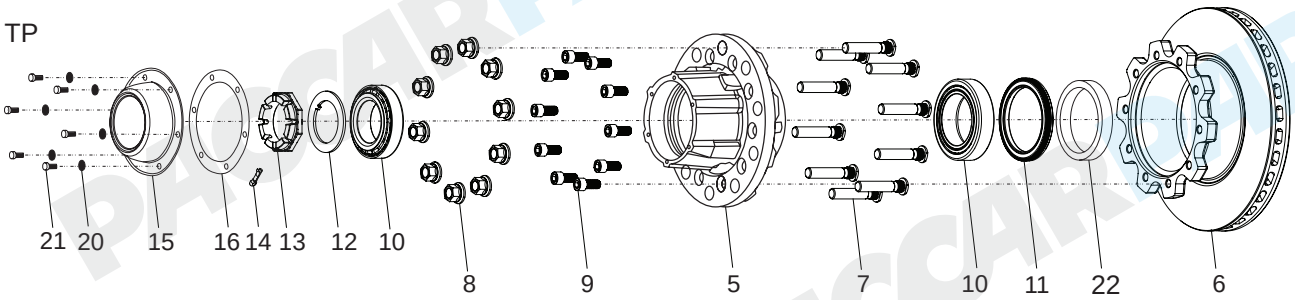
Pad set (1 axle)



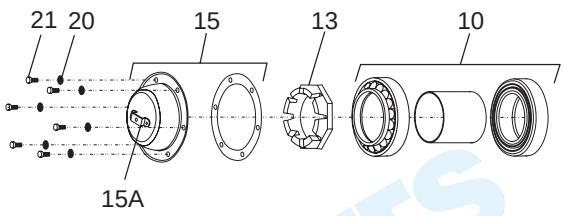


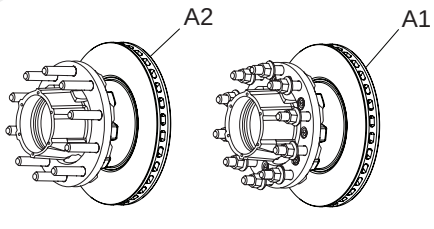
Seal and guide pin kit (1 caliper)

TP



CONMET PRESET-PLUS



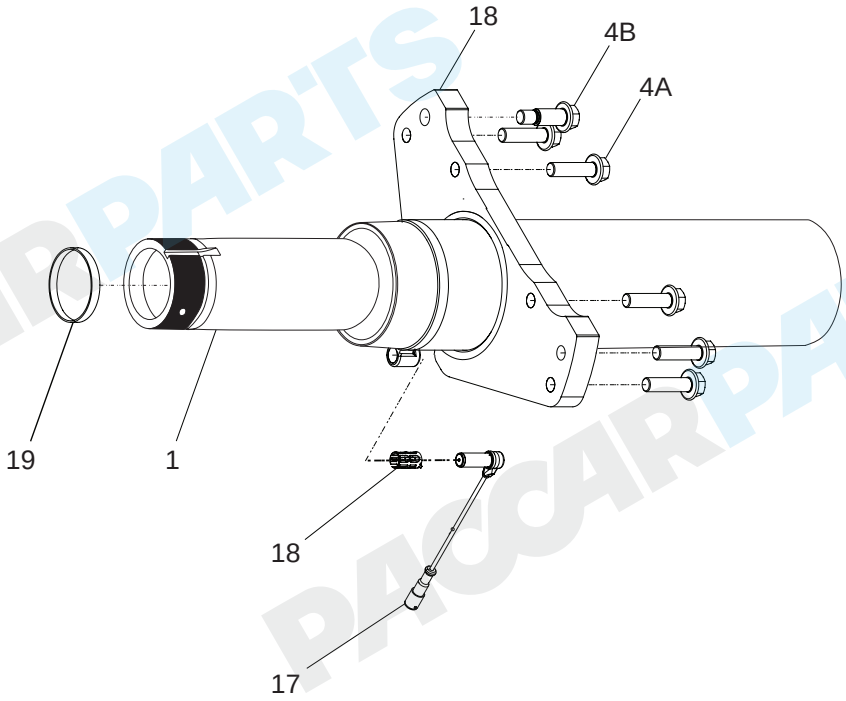


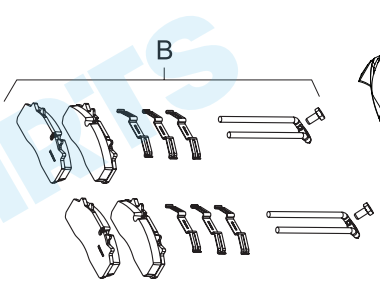
HUB/ROTOR ASSEMBLY

KF23 DISC BRAKE AXLE
PAN 22 - TP CONMET PRESET PLUS

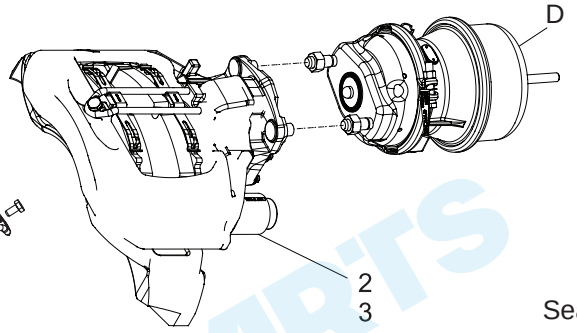
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	APP.	QTY/ AXLE
1	FP20DB01	Beam – Ø127 x 19	Sold as Axle Assy, PN For Ref Only	ConMet Preset PLUS	1
	FP20DB0500			TP, ConMet Preset	1
	FP26DB1500	Beam – Ø146 x 10 with MBS Weweler Suspension			1
2	6402251200	Caliper – LH – Wabco PAN 22			1
3	6402251210	Caliper – RH – Wabco PAN 22			1
4A	B30-0101	Flanged Bolt – M16			10
4B	B30-0200	Flanged Shoulder Bolt – M16			2
5	CM10083556	Hub – 10 x 285 – Preset Cast Steel	Sold as Hub/Rotor Assembly	ConMet Preset PLUS	2
	CM10085157	Hub – 10 x 285 – Preset Aluminium			2
	H31-D201	Hub – 10 x 285		TP	2
6	CM10082074	Brake Rotor – Ø430 – PAN 22		ConMet Preset PLUS	2
	H32-D002			TP	2
7	KH800104	Stud Short (M22 x 94)			20
	KH800239	Stud Long (M22 x 122)			20
8	H34-0901	Nut M22 x 32 A/F – 50mm Long	Optional		20
	KH800096	Nut M22 x 32 A/F		TP	20
	KH800238	Nut M22 x 33 A/F	Optional		20
9	KHDB014	Bolt – Hub/Rotor – M16		TP	20
10	CM10081731	Preset Bearing Kit C/W Bearings, Spacer, Seal		ConMet Preset PLUS	2
	H12-0100	Bearing		TP	4
11	373-0223	Seal		ConMet Preset PLUS	2
	CM10081522	Seal & Spacer Kit			2
	373-0223	Seal		TP	2
12	A11-0101	Washer – Bearing			2
13	CM10036553	Spindle Nut	Spindle Nut Integrated with Hub	ConMet Preset PLUS	2
	A12-0101			TP	2
14	A13-0101	Cotter Pin		TP	2
NS	N300002-002	Tab Washer	Not Shown in Drawing	ConMet Preset	2
15	CM10085634	Hub Cap – ConMet Preset		ConMet Preset PLUS	2
	H14-0301	Hub Cap – Normal Adjustable Bearings		TP	2
15A	N300202-003	Hubo Bracket			2
16	KH3303118	Gasket – Hub Cap			2
17	A15-0101	ABS Sensor Lead (400mm)			2
18	A16-0101	Sleeve			2
19	B16-0202	Expansion Plug			2
20	KH800055	Washer – Hub Cap Bolt			12
21	KH800122	Bolt – Hub Cap – 5/16"			12
22	N300200-003	Seal Shield		TP	2
	N300200-005			ConMet Preset PLUS	2
A1	H30-D202	Hub/Rotor Assembly		TP	2

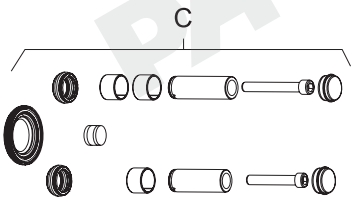
KF23 DISC BRAKE AXLE CONTINUED
PAN 22 - TP CONMET PRESET PLUS





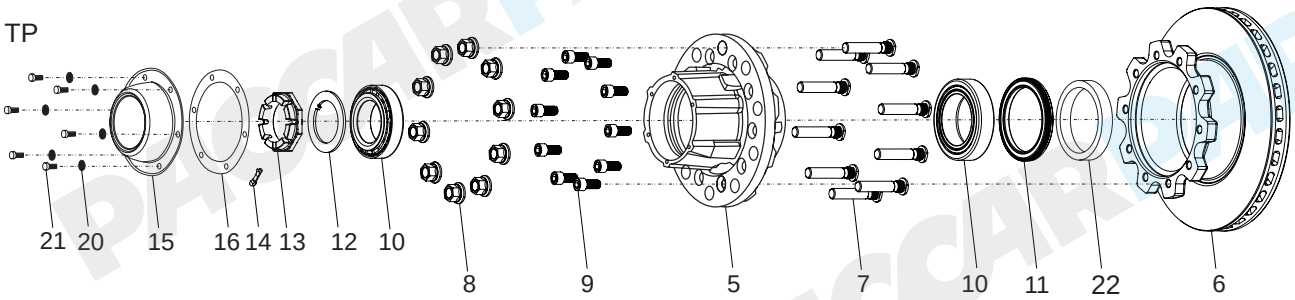
Pad set (1 axle)



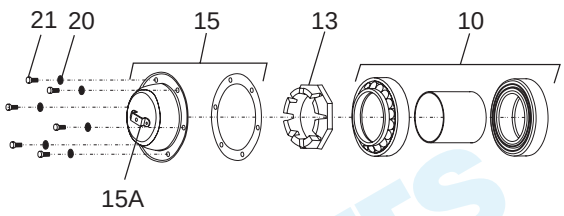


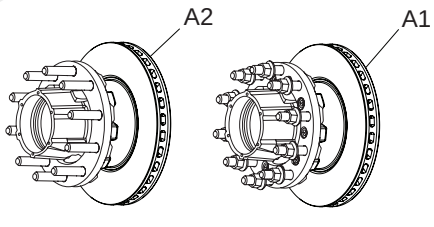
Seal and guide pin kit (1 caliper)

TP



CONMET PRESET-PLUS





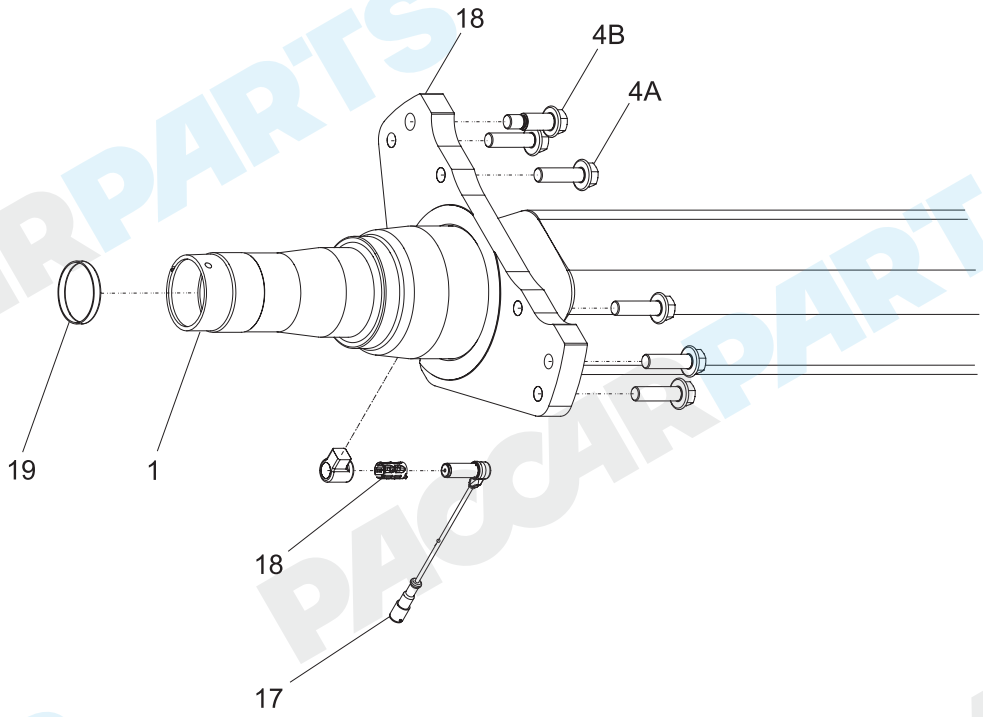
HUB/ROTOR ASSEMBLY

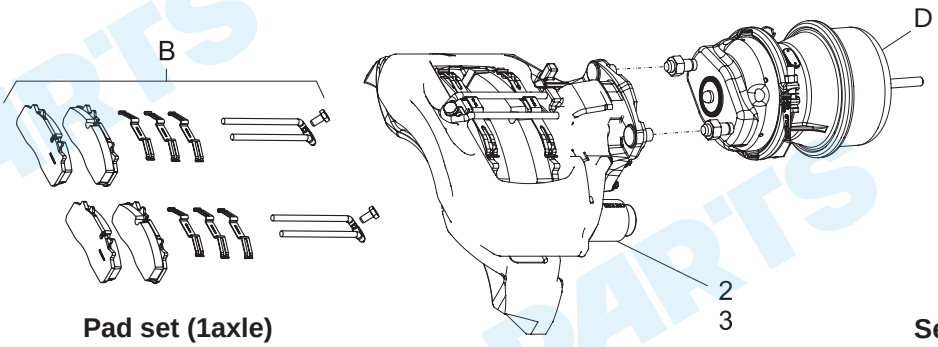
KF23 DISC BRAKE AXLE CONTINUED
PAN 22 - TP CONMET PRESET PLUS

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	APP.	QTY/ AXLE
A2	CM10083556	Hub/Rotor Assembly Alu C/W All Bearings, Spacer & Seal	Steel	ConMet Preset PLUS	2
	CM10085157	Hub/Rotor Assembly Alu C/W All Bearings, Spacer & Seal	Aluminium		2
B	12999796	Pad Set			1
C	6402259212	Caliper Seal Kit			2
D	RPS	Brake Booster	Refer Brake Booster Section[1]		2
E	12999797	Sensor Repair Kit			1

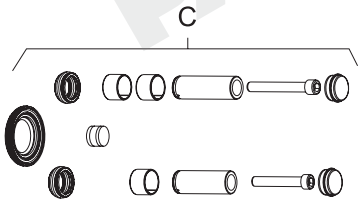
1: paccarparts.com.au/trailer

FB24 DISC BRAKE AXLE
PAN 22 TN-HD

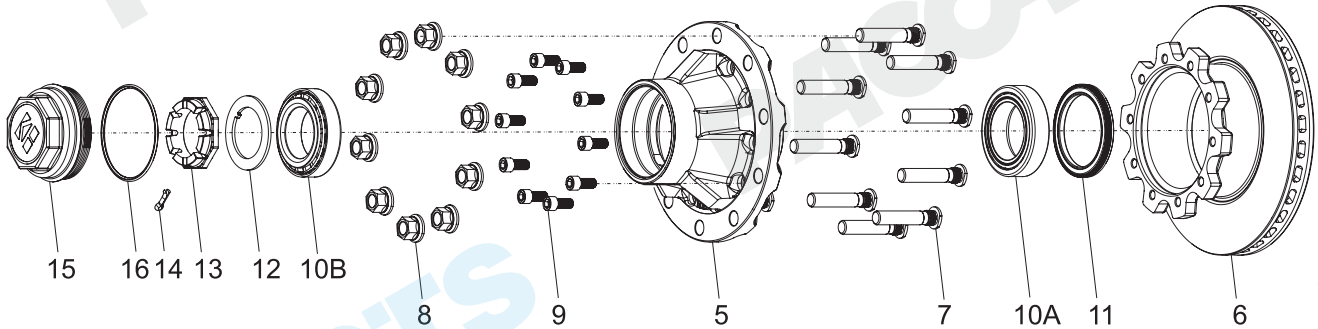




Pad set (1axle)



Seal and guide pin kit (1 caliper)



FB24 DISC BRAKE AXLE
PAN 22 TN-HD

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	NSS	Beam – 150SQX16	Sold as Axle Assy	1
2	6402251200	Caliper – LH – Wabco PAN 22		1
3	6402251210	Caliper – RH – Wabco PAN 22		1
4A	B30-0103	Flanged Bolt – M16		10
4B	B30-0202	Flanged Shoulder Bolt – M16		2
5	H31-6101DB	Hub – 10 x 335		2
6	H32-D002	Brake Rotor – Ø430 – PAN 22		2
7	KH800104	Stud Short (M22 x 94)		20
	KH800239	Stud Long (M22 x 122)		20
8	KH800096	Nut M22 x 32 A/F	Optional	20
	H34-0901	Nut M22 x 32 A/F – 50mm Long		20
	KH800238	Nut M22 x 33 A/F		20
9	B30-0101	Bolt – Hub/Rotor – M16		20
10A	H12-0200	Bearing Inner		2
10B	H12-0100	Bearing Outer		2
11	H11-0300	Seal (KH800120)		2
NS	N300200-004	Seal Shield		2
12	A11-0101	Washer – Bearing		2
13	A12-0101	Spindle Nut		2
14	A13-0101	Cotter Pin		2
15	KH800205	Hub Cap – Screw On		2
	KH800205B	Hub Cap – Screw On – Black		2
16	H15-0201	O-Ring – Hub Cap		2
17	A15-0101	ABS Sensor Lead (400mm)		2
18	A16-0101	Sleeve		2
19	B16-0201	Expansion Plug		2
B	12999796	Pad Set		1
C	6402259212	Caliper Seal Kit		2
D	RPS	Brake Booster	Refer Brake Booster Section[1]	2

1: paccarparts.com.au/trailer

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

YORK

AXLE IDENTIFICATION 136

2682 / RB OUTBACK SPIDER DRUM AXLES 138
420 x 180mm BRAKES

2682 / RB / 2685 OUTBACK 142
STUD TYPE DRUM AXLES
420 x 180mm BRAKES

2782 / 2784 RB SPIDER DRUM AXLES 146
420 x 180mm BRAKES

2782 / 2784 / RB / 2785 150
STUD TYPE DRUM AXLES
420 x 180mm BRAKES

2783 DRUM AXLES 156
311 x 178mm BRAKES

2800 HEAVY DUTY DRUM AXLES 160
420 x 220mm BRAKES

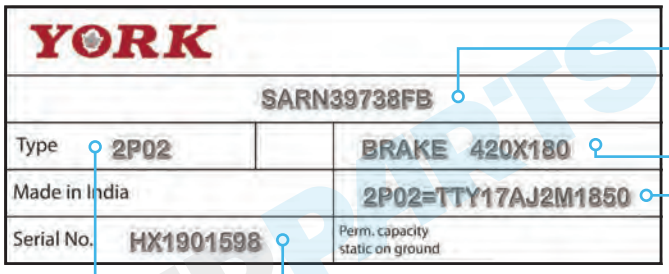
2950 DRUM AXLES 164
335 x 210mm BRAKES

2970 PAN 22 DISC AXLES 168

2980 PAN 19 DISC AXLES 172

PACCARPARTS

AXLE IDENTIFICATION



SARN

Brake foundation number
Example shown: 39738FB

PART NO.

2P02TTY17AJ2M1850

BRAKE SIZE

Example shown: 420 x 180mm

AXLE TYPE

Example shown: 2P02 (2782)
Drum examples: 2782–2950-2783
Disc brake examples: 2970 Pan 22 2980 Pan 19

SERIAL NO.

HX = Plant
2019 = Year of manufacture
01598 = Number of axles made

AXLE MODEL TYPE (M)	
2782/85	Dual Wheel 22.5" Drum Axle TN 420x180 (16.5"x7") 'S' Cam Brake
2784	Super Single Wheel Drum 22.5" Axle TN 420x180 (16.5"x7") 'S' Cam Brake
2783	Dual Wheel 15" & 17.5" Drum Axle TN 311x178 (12.25"x7") 'S' Cam Brake
2950	Dual Wheel 17.5" & 19.5" Drum Axle TN 335x210 'S' Cam Brake
2953	Dual Wheel 16" Drum Axle TN 311x178 (12.25"x7") 'S' Cam Brake
2954	Dual Wheel 16" & 17.5" Drum Axle TN 311x127 (12.25"x5") 'S' Cam Brake
2682	Dual Wheel 22.5" Drum Axle TP 420x180 (16.5"x7") 'S' Cam Brake
2800	Heavy Duty Drum Axle 420x220 'S' Cam Brakes - Dual Stud Type Hubs
2980	Dual Wheel 19.5"/22.5" Disc Axle, TN Pan 19
2970	Dual Wheel 22.5" Disc Axle, TN Pan 22
78792157/58/59	Dual Wheel 22.5" Drum Axle, TNA RB 420x180 (16.5"x7") 'S' Cam Brake
78792279/80	Dual Wheel 22.5" Axle, TPA RB 420x180 (16.5"x7") 'S' Cam Brake
2582/83	Dual Wheel 22.5" Drum Axle, MFL (UN) 420x180 (16.5"x7") 'S' Cam Brake
2570/71	Dual Wheel 22.5" Disc Axle, MFL (UN) Pan 22

HUB TYPE (H)	
1	Spider Hub (Dual & Single, 22.5" & 15")
2	10 Stud 285 PCD Iso Steel Hub
3	10 Stud 335 PCD Iso Steel Hub
4P	10 Stud 285 PCD Iso Alum Hub
5	8 Stud 285 PCD Jap Steel Hub
7	8 Stud 275 PCD Iso Steel Hub
8P	8 Stud 275 PCD Iso Alum Hub
10	10 Stud 225 PCD Iso Steel Hub
11	6 Stud 222 PCD Jap Steel Hub
12P	10 Stud 335 PCD Iso Alum Hub

CAMSHAFT (C)	
E	Enclosed Camshaft
N	Non Enclosed Camshaft
L	Long Camshaft
S	Short Camshaft

AXLE TUBE THICKNESS (T)	
T	127mm Round 16mm Thick
V	127mm Round 19mm Thick
X	127mm Round 25mm Thick
R	127mm Round 12.7mm Thick

TRACK (L)

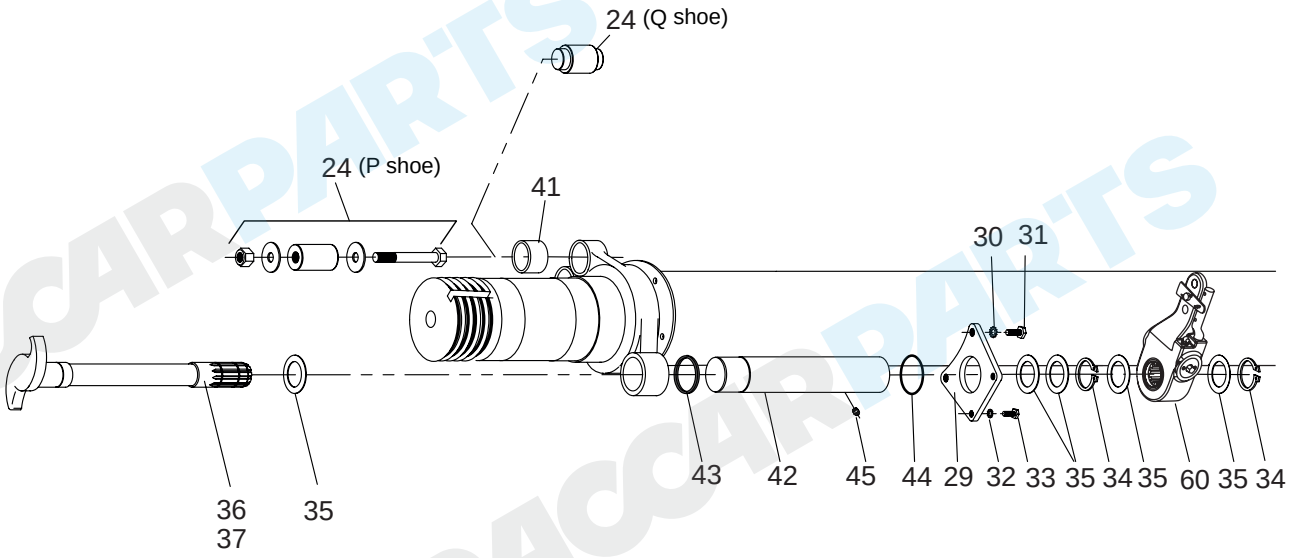
Expressed in mm

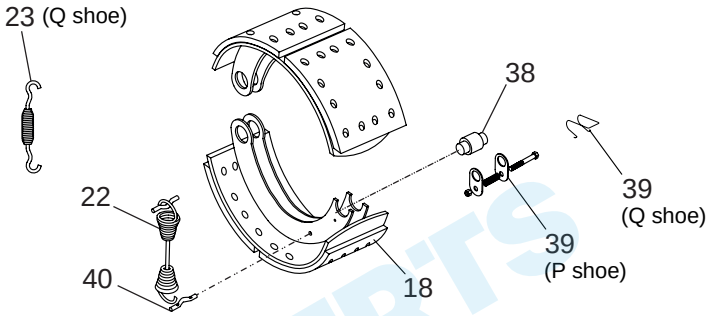
ACCESSORIES CODES (A)	
NONE	Blank /Standard
C	Lightweight Brake Drum (10x285 only)
A	Automatic Slack Adjusters
O	Oil Filled Hub Cap
H	Hubodometer

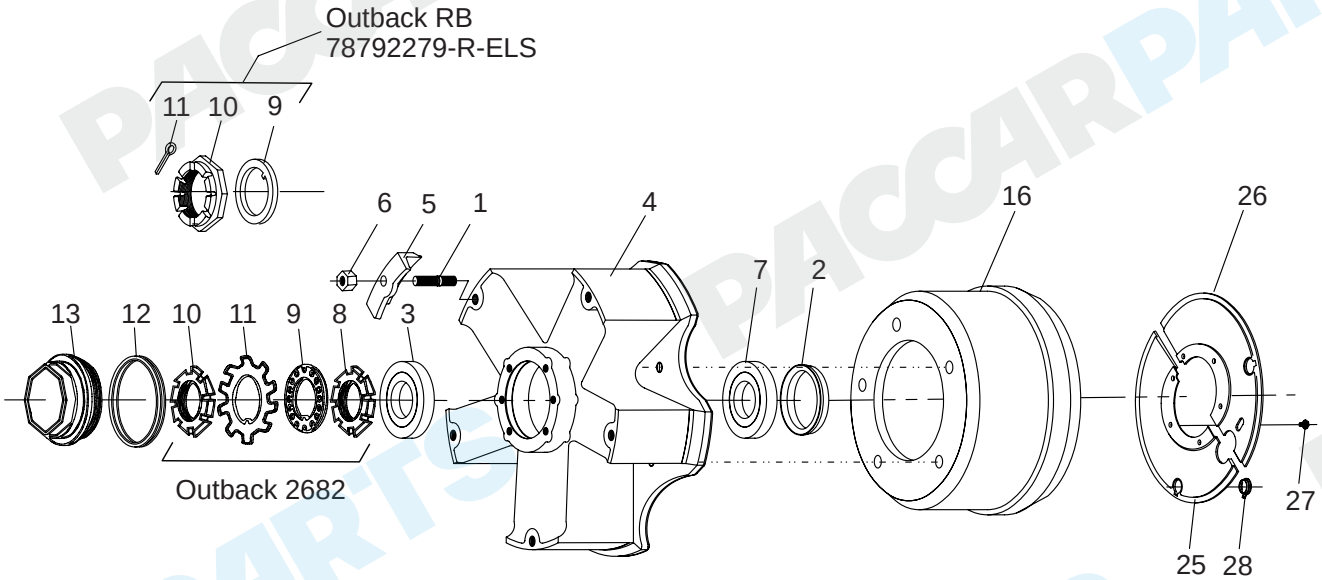
AXLE SPECIFICATION

AXLE MODEL	SARN NO.	CAP. GALR (TONNES)
2782, 2784, 2785, 2682, 78792279/80 RB & 2582/83	39738	11.5
2950	10787 FB	10.5
2783/2953	6900 FB	10.0
2954	NO SARN	7.0
2980	27571	11.5
2970, 2570/71	33991	12.0

2682 / RB OUTBACK SPIDER DRUM AXLES
420 x 180mm BRAKES



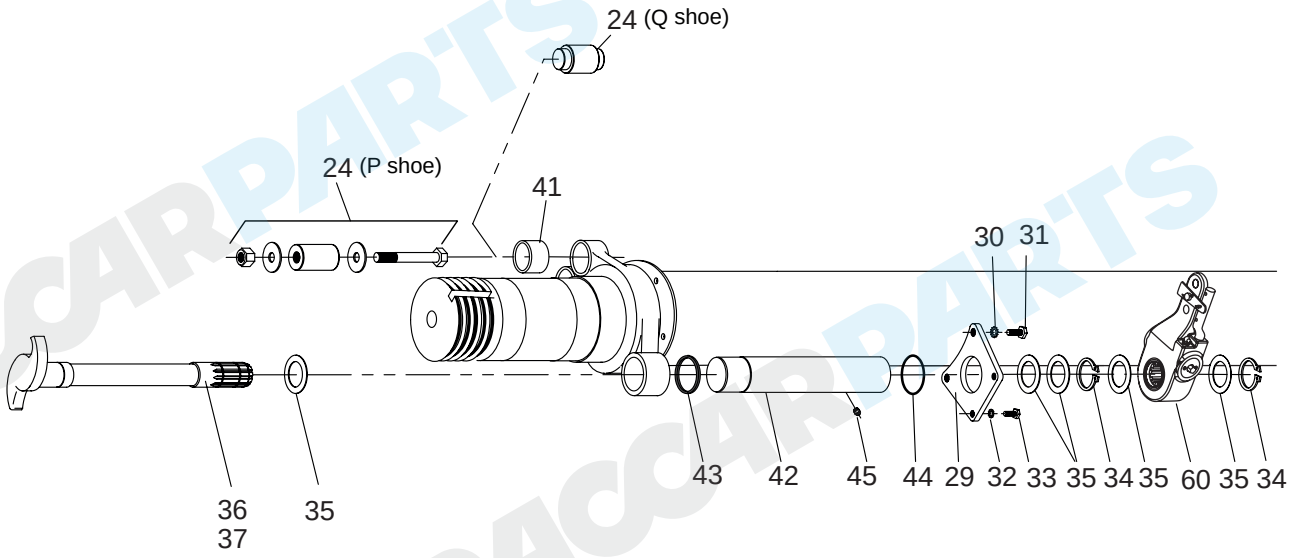


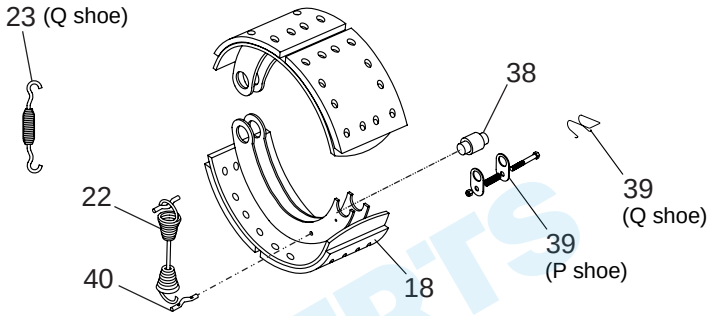


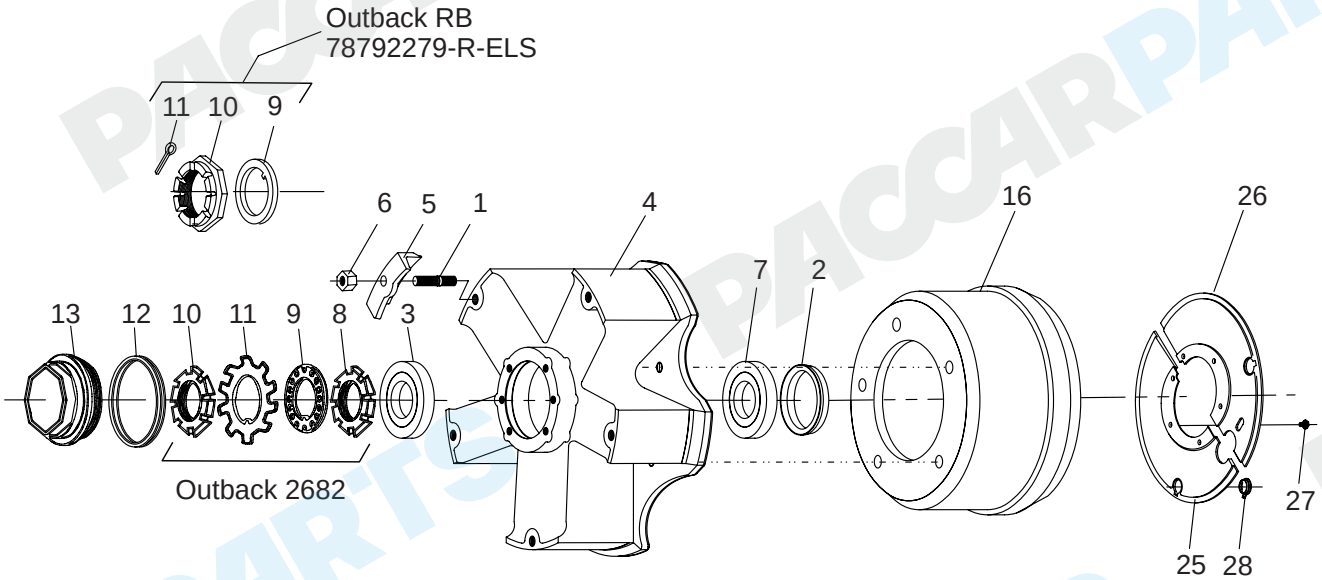
2682 / RB OUTBACK SPIDER DRUM AXLES
420 x 180mm BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	79787581	Wheel stud ¾" UNC		10
2	79786918	Hub seal - 2682 TP		2
	79A789008	Hub seal - 78792280 RB		2
3	HM518410T1M	Bearing (cup)		2
	HM518445T1M	Bearing (cone)		2
4	79SB789172A	Hub/drum assy - dual spider		2
	NA	Spider hub - dual		2
5	79786869	Rim clamp - dual		10
6	79787932	Spider wheel nut ¾" UNC		10
7	HM518410T1M	Bearing (cup)		2
	HM518445T1M	Bearing (cone)		2
8	7978799801	Spindle nut - 2682 TP 3.5"		2
9	79789016	Spindle lock washer - RB		2
	79792024	Spindle lock washer - 2682		2
10	7978799801	Spindle locknut 2682 TP 3.5"		2
	7978889001	Spindle castellated nut 3.48"		2
11	79787999	Locktab washer - 2682		2
	79788891	Split pin - RB 8 x 50		2
12	T04-4021	Hub cap O-Ring		2
13	79789287	Hub cap - grease threaded plastic		2
	NA	Hub cap - grease threaded steel		2
		Hub cap - oil threaded plastic		2
16	NA	Brake drum - dual spider	Use item 4 - hub/drum assembly Can use drum KH3602/FF - however this does not suit York dust covers	2
18	79SB78790202HD23	Lined brake shoe - 'Q' brake		4
	79SB50206402HD23	Lined brake shoe - 'P' brake		2
22	79786289	Return spring - cam end		2
23	79787527	Return spring - anchor end 'Q'		2
24	79787526	Anchor pin 'Q'		4
	79787723	Anchor pin - 'P' bolt on long		4
25	79786336	Dust cover - upper		2
26	79786335	Dust cover - lower		2
27	49FHM08125016	Screw dust cover M8 x 16		12
28	79500848	Plug dust cover		2
29	79787590	Enclosed cam tube mounting plate		2
30	49AWM12P	Lockwasher M12		4
31	49HBM12175020	Hex bolt M12 x 20		4
32	49AWM10P	Lockwasher M10		4
33	49HBM10150020	Hex bolt M10 x 20		4
34	79500374	Camshaft circlip		4
35	79500358	Camshaft washer		10
36	7950472317LHT	Camshaft LH (long) 627mm		1
	7950472317RHT	Camshaft RH (long) 627mm		1

2682 / RB OUTBACK SPIDER DRUM AXLES CONTINUED
420 x 180mm BRAKES





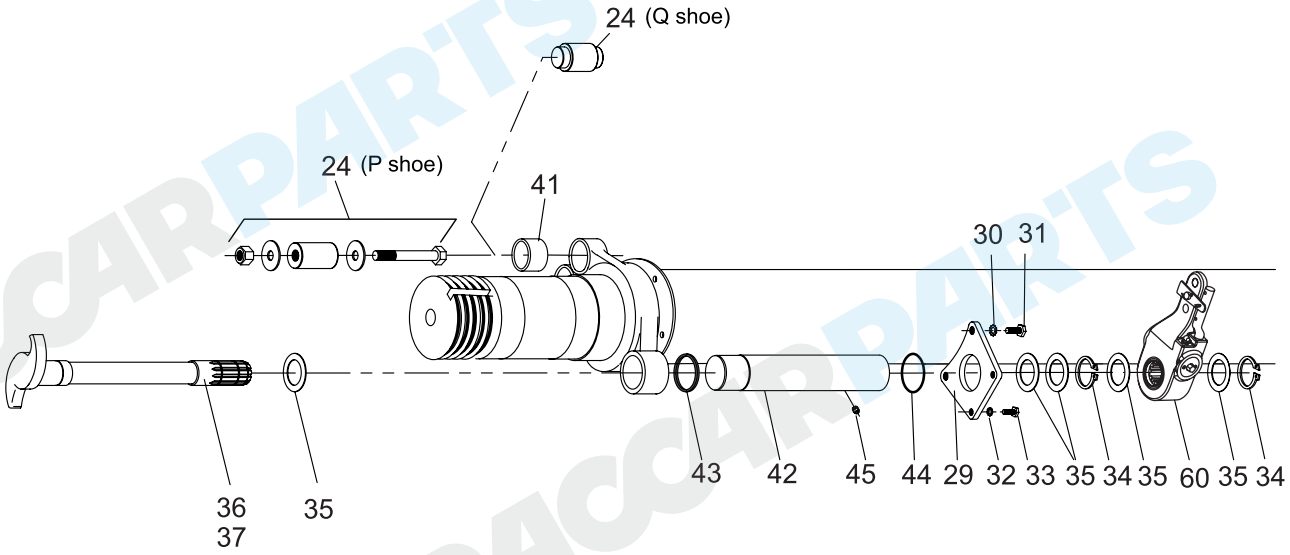


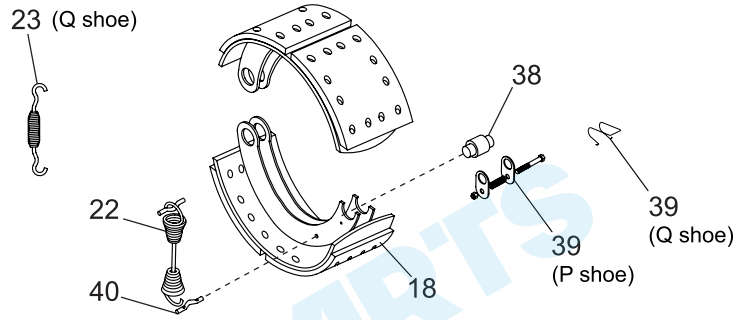
2682 / RB OUTBACK SPIDER DRUM AXLES CONTINUED
420 x 180mm BRAKES

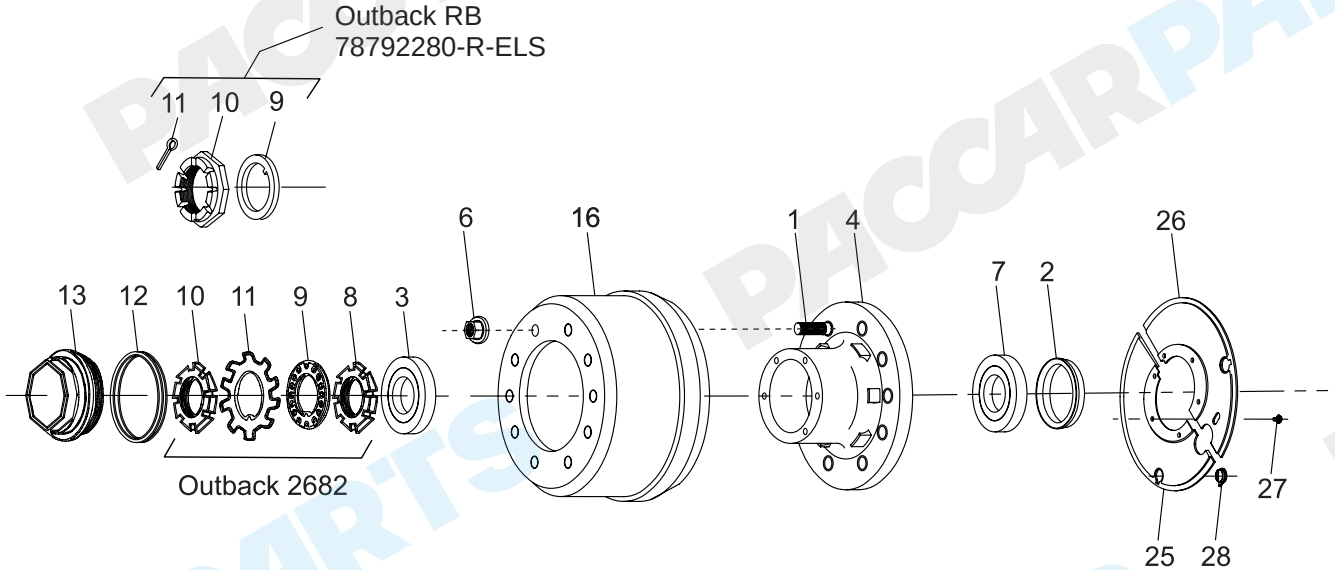
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
37	7950472301LHT	Camshaft LH (short) 525mm	Optional	1
	7950472301RHT	Camshaft RH (short) 525mm		1
38	7950035601	Cam roller 1-¼" knurled		4
39	79500373	Cam roller retainer spring - 'Q'		2
	79787722	Cam roller retainer - bolt on		2
40	79500372	Return spring retainer		4
41	79501787	Anchor pin bush		4
42	79SB78852801	Enclosed cam tube (short) 525mm		2
	79SB78852817	Enclosed cam tube (long) 627mm		2
43	79787721	Seal - hub end enclosed cam		2
44	79500375	O-Ring seal - inner end enclosed cam		2
45	79786885	Grease nipple - 6mm straight		2
60	7921104	Automatic slack adjuster - 5 / 6 / 7"		2
	79787905	Manual slack adjuster - 5 / 6 / 7"		2
NS	79788871	ABS pole wheel - 100 tooth		2
	79560464	ABS sensor pole bush		2
	7978887303	ABS sensor pole mounting block		2
	79506221	Booster bracket		2
	79786275	Brake Spider		2
	79786220	Inner cam bracket		2
	79787724	Reinforcing collar 'P' brake		2
	79792103	Retaining plate 'P' brake		2
	79786330	Slack adjuster return spring		2
	NA	Spacer band - 20 x 4"		2

KIT PART NUMBER LISTING				
KIT	79ABS001	ABS sensor pole kit		1
	7978790117	Enclosed cam kit - long cam		1
	7978790101	Enclosed cam kit - short cam		1
	7965503	Hub cap window kit		2

2682 / RB / 2685 OUTBACK STUD TYPE DRUM AXLES
420 x 180mm BRAKES



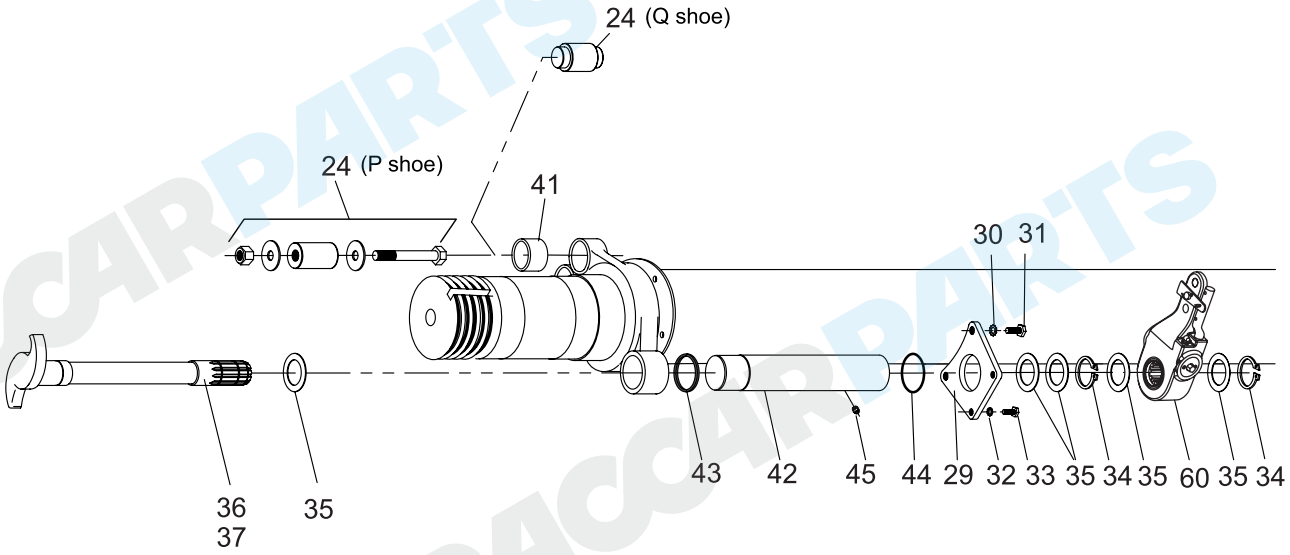


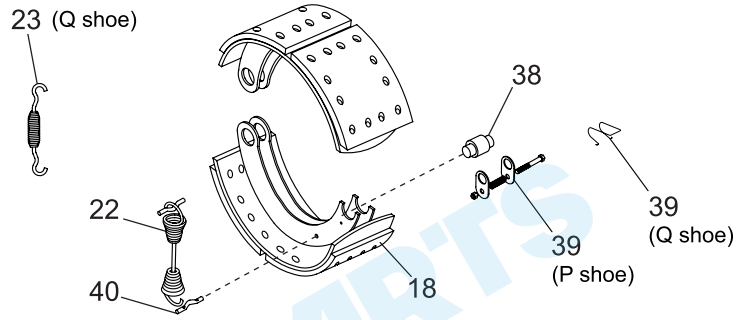


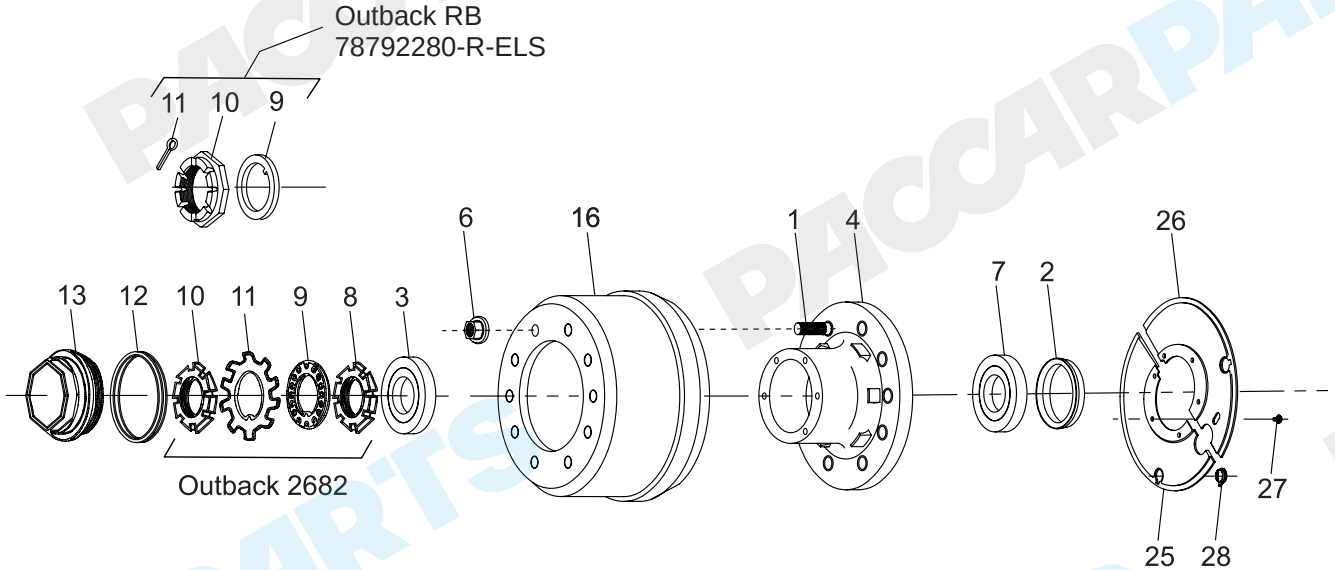
2682 / RB / 2685 OUTBACK STUD TYPE DRUM AXLES
420 x 180mm BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	7979215601	Wheel stud SAE M22 x 117mm		20
2	79786918	Hub seal - 2682 TP		2
	79A789008	Hub seal - 78792280 RB		2
3	HM518410T1M	Bearing (cup)		2
	HM518445T1M	Bearing (cone)		2
	NP593561	Bearing (cup) - preset		2
	NP174964	Bearing (cone) - preset		2
4	79104940	Alum hub 10 x 285 PCD preset		2
	79787934	Hub/drum assy 10 x 285 PCD		2
	79787937	Hub/drum assy 10 x 335 PCD		2
	79789141	Steel hub 10 x 285 PCD		2
6	7950291701	Wheel nut M22 ISO		20
7	HM518410T1M	Bearing (cup)		2
	HM518445T1M	Bearing (cone)		2
	NP593561	Bearing (cup) - preset		2
	NP174964	Bearing (cone) - preset		2
8	7978799801	Spindle nut - 2682 TP 3.5"		2
9	79789016	Spindle lock washer - RB		2
	79792024	Spindle lock washer - 2682		2
10	7978799801	Spindle locknut 2682 TP 3.5"		2
	7978889001	Spindle castellated nut 3.48"		2
11	79787999	Locktab washer - 2682		2
	79788891	Split pin - RB 8 x 50		2
12	T04-4021	Hub cap O-Ring		2
13	79789287	Hub cap - grease threaded plastic		2
	NA	Hub cap - grease threaded steel	Optional	2
		Hub cap - oil threaded plastic		2
16	79786875	Brake drum 10 x 285 PCD		2
	NA	Brake drum 10 x 335 PCD		2
18	79SB50206402HD23	Lined brake shoe - 'P' brake		4
	79SB78790202HD23	Lined brake shoe - 'Q' brake		4
22	79786289	Return spring - cam end		2
23	79787527	Return spring - anchor end 'Q'		2
24	79787526	Anchor pin 'Q'		4
	79787723	Anchor pin - 'P' bolt on long		4
25	79786336	Dust cover - upper		2
26	79786335	Dust cover - lower		2
27	49FHM08125016	Screw dust cover M8 x 16		12
28	79500848	Plug dust cover		2
29	79787590	Enclosed cam tube mounting plate		2
30	49AWM12P	Lockwasher M12		4
31	49HBM12175020	Hex bolt M12 x 20		4
32	49AWM10P	Lockwasher M10		4
33	49HBM10150020	Hex bolt M10 x 20		4

2682 / RB / 2685 OUTBACK STUD TYPE DRUM AXLES CONTINUED
420 x 180mm BRAKES





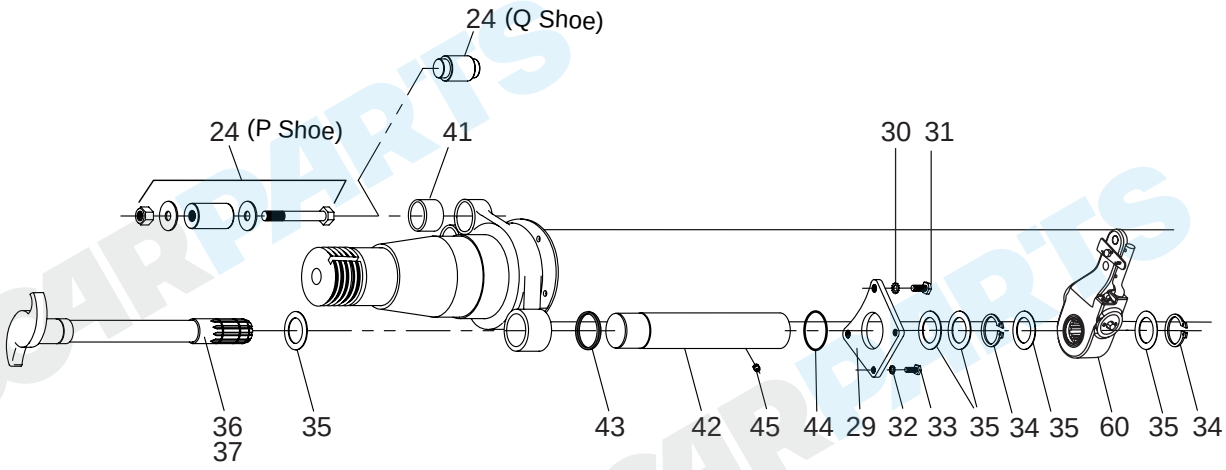


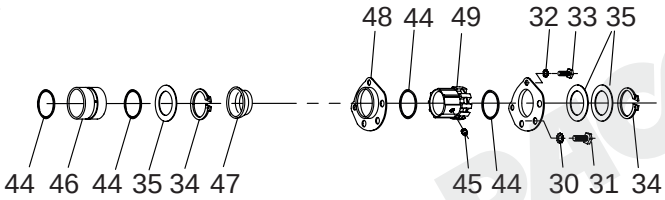
2682 / RB / 2685 OUTBACK STUD TYPE DRUM AXLES CONTINUED
420 x 180mm BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
34	79500374	Camshaft circlip		4
35	79500358	Camshaft washer		10
36	7950472317LHT	Camshaft LH (long) 627mm		1
	7950472317RHT	Camshaft RH (long) 627mm		1
37	7950472301LHT	Camshaft LH (short) 525mm	Optional	1
	7950472301RHT	Camshaft RH (short) 525mm		1
38	7950035601	Cam roller 1-¼" knurled		4
39	79500373	Cam roller retainer spring - 'Q'		2
	79787722	Cam roller retainer - bolt on		2
40	79500372	Return spring retainer		4
41	79501787	Anchor pin bush		4
42	79SB78852801	Enclosed cam tube (short) 525mm		2
	79SB78852817	Enclosed cam tube (long) 627mm		2
43	79787721	Seal - hub end enclosed cam		2
44	79500375	O-Ring seal - inner end enclosed cam		2
45	79786885	Grease nipple - 6mm straight		2
60	7921104	Automatic slack adjuster - 5 / 6 / 7"		2
	79787905	Manual slack adjuster - 5 / 6 / 7"		2
NS	79788871	ABS pole wheel - 100 tooth		2
	79560464	ABS sensor pole bush		2
	7978887303	ABS sensor pole mounting block		2
	79506221	Booster bracket		2
	79786275	Brake spider		2
	79786220	Inner cam bracket		2
	79787724	Reinforcing collar 'P' brake		2
	79792103	Retaining plate 'P' brake		2
	79786330	Slack adjuster return spring		2
	NA	Spacer band - 20 x 4"		2

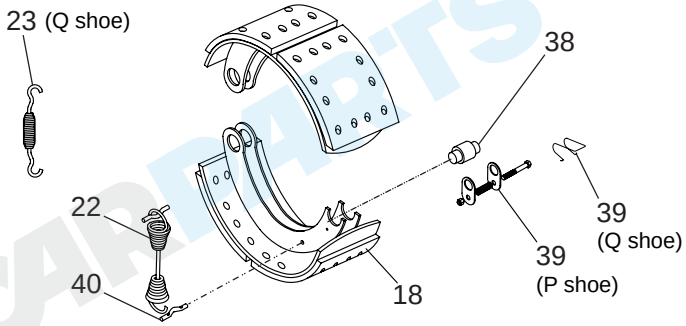
KIT PART NUMBER LISTING				
KIT	79ABS001	ABS sensor pole kit		1
	7978790117	Enclosed cam kit - long cam		1
	7978790101	Enclosed cam kit - short cam		1
	7965503	Hub cap window kit		2
	79SB792302	Preset kit		2

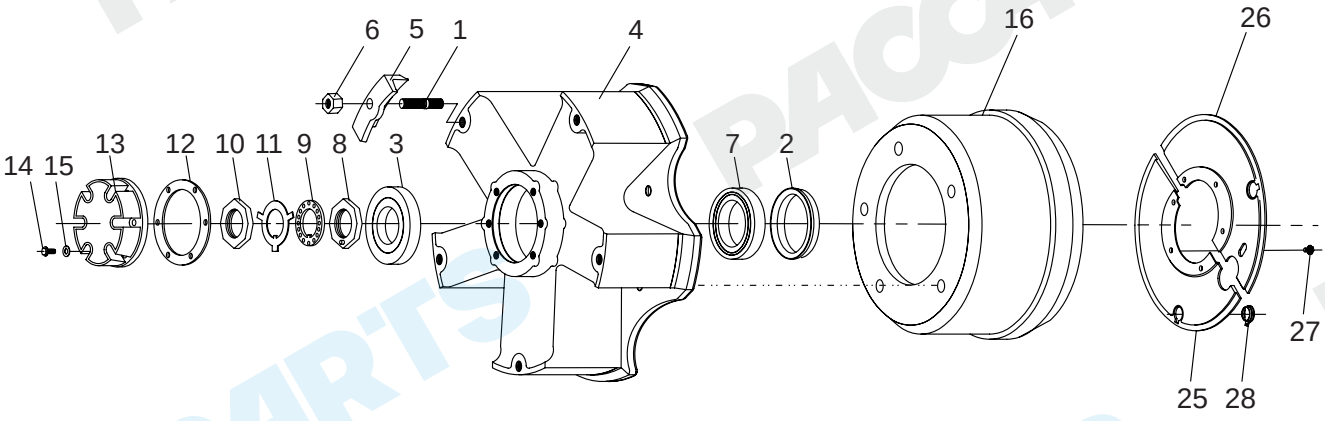
2782 / 2784 RB SPIDER DRUM AXLES
420 x 180mm BRAKES





(Open cam - non standard)



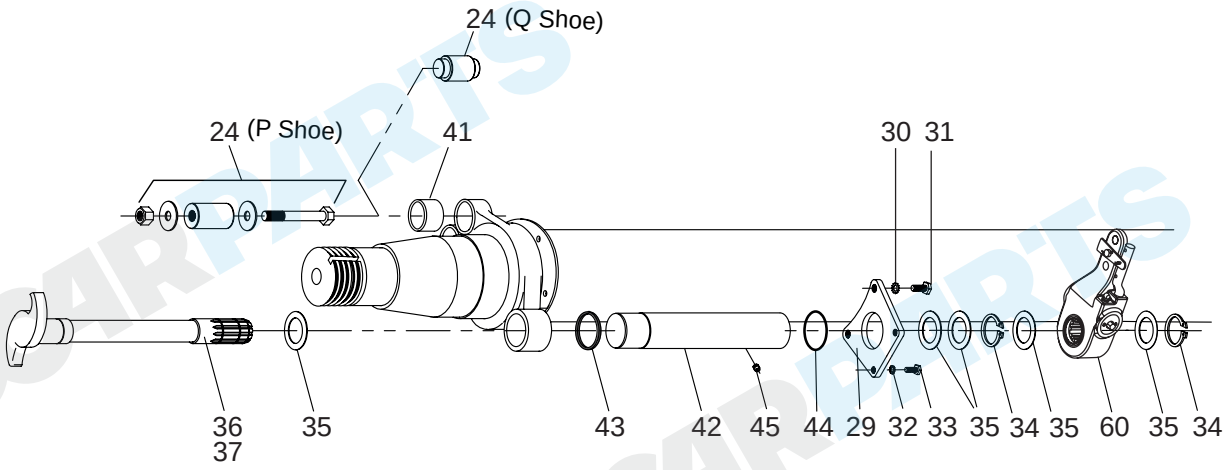


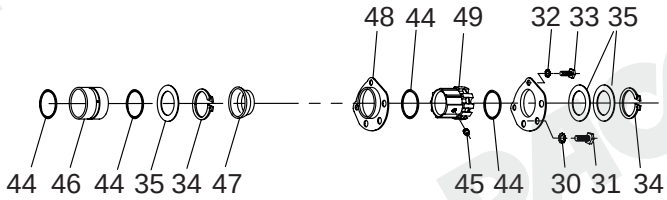
2782 / 2784 RB SPIDER DRUM AXLES
420 x 180mm BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	79787581	Wheel stud ¾" UNC		10
2	79786114	Hub seal		2
3	HM212011T1M	Outer bearing (cup) TN		2
	HM212049T1M	Outer bearing (cone) TN		2
4	7978794501	Hubdrum assy - dual spider		2
	NA	Spider hub assy - dual		2
		Spider hub assy - supersingle		2
5	79786869	Rim clamp - dual		10
	NA	Rim clamp - super single		10
6	79787582	Spider wheel nut 34" UNC		10
7	HM218210T1M	Inner bearing (cup) TN		2
	HM218248T1M	Inner bearing (cone) TN		2
8	79502461	Spindle nut		2
9	79501123	Spindle lockwasher		2
10	79502462	Spindle locknut		2
11	79790044	Locktab washer		2
12	79787719	Gasket - 6 hole hub cap		2
13	79501715	Hub cap - grease 6 hole		2
	79501785	Hub cap - oil 6 hole	Optional	2
14	49HB516UNC100	Hub cap stud 5/16" UNC x 1"		12
15	49AW516P	Washer 5/16" - hub cap stud		12
16	79787580	Brake drum - dual spider		2
	NA	Brake drum - supersingle		2
18	79SB78790202HD23	Lined brake shoe - 'Q' brake		4
	79SB50206402HD23	Lined brake shoe - 'P' brake	Optional	4
22	79786289	Return spring - cam end		2
23	79787527	Return spring - anchor end 'Q'		2
24	79787526	Anchor pin 'Q'		4
	79787723	Anchor pin - 'P' bolt on long	Optional	4
	79787997	Anchor pin - 'P' bolt on short		4
25	79786336	Dust cover - upper		2
26	79786335	Dust cover - lower		2
27	49FHM08125016	Screw dust cover M8 x 12		12
28	79500848	Plug dust cover		2
29	79787590	Enclosed cam tube mounting plate		2
30	49AWM12P	Lockwasher M12		8
31	49HBM12175020	Hex bolt M12 x 20		4
32	49AWM10P	Lockwasher M10		8
33	49HBM10150020	Hex bolt M10 x 20		4
34	79500374	Camshaft circlip		4
35	79500358	Camshaft washer		10
36	7950472317LHT	Camshaft LH (long) 627mm		1
	7950472317RHT	Camshaft RH (long) 627mm		1
37	7950472301LHT	Camshaft LH (short) 525mm	Optional	1
	7950472301RHT	Camshaft RH (short) 525mm		1
38	7950035601	Cam roller 1-¼" knurled		4

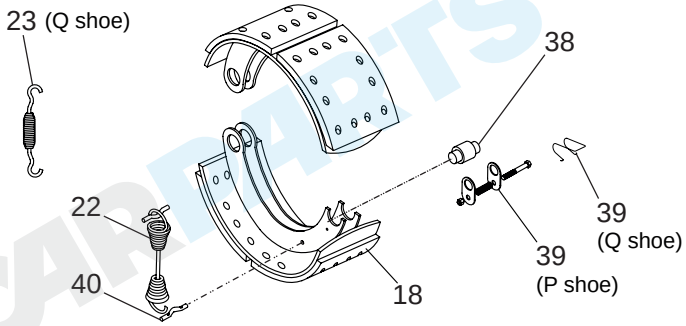
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

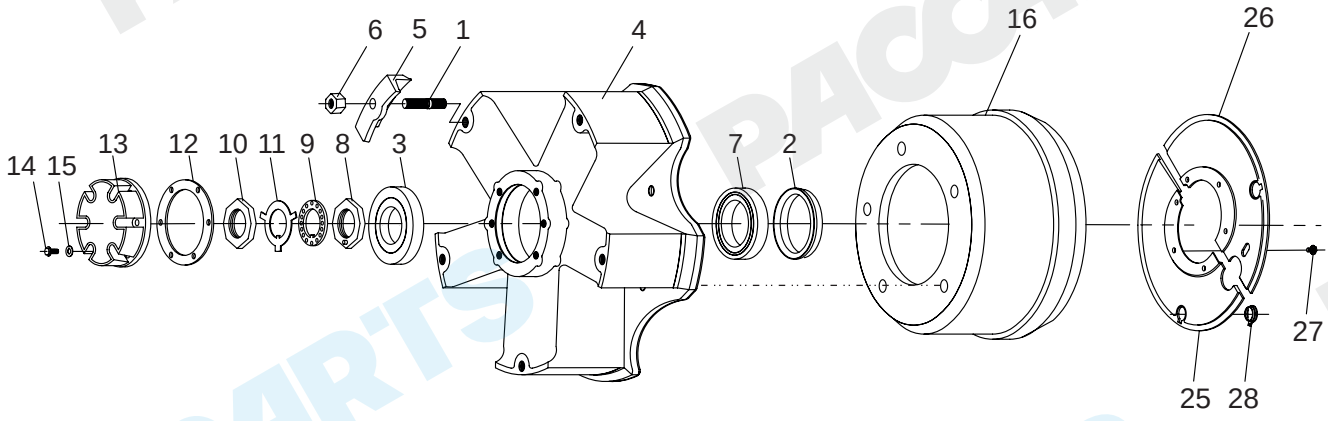
2782 / 2784 RB SPIDER DRUM AXLES CONTINUED
420 x 180mm BRAKES





(Open cam - non standard)



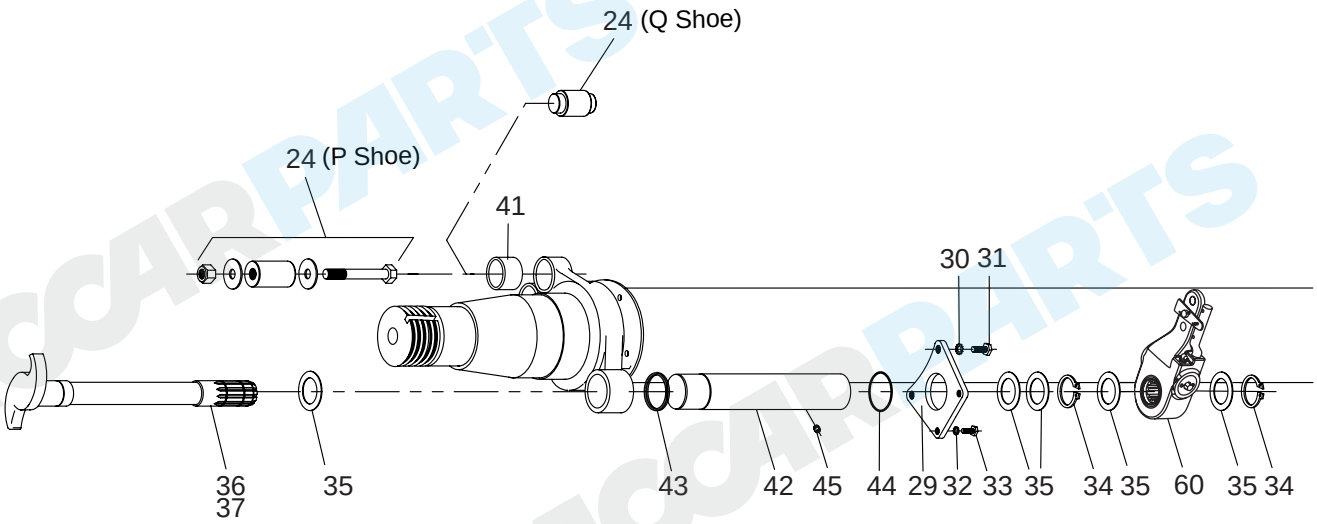


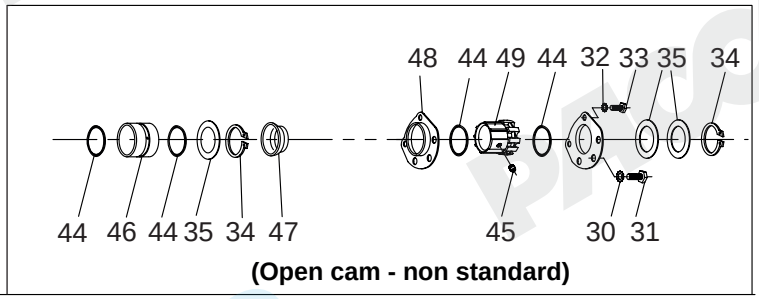
2782 / 2784 RB SPIDER DRUM AXLES CONTINUED
420 x 180mm BRAKES

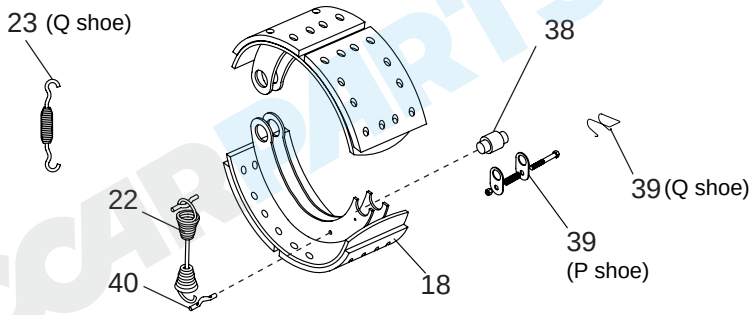
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
39	79500373	Cam roller retainer spring		2
	79787722	Cam roller retainer - bolt on	Optional	2
40	79500372	Return spring retainer		4
41	79501787	Anchor pin bush		4
42	79SB78852801	Enclosed cam tube (short) 525mm		2
	79SB78852817	Enclosed cam tube (long) 627mm		2
43	79787721	Seal - hub end enclosed cam		2
44	79500375	O-Ring Seal - inner end enclosed cam		2
45	79786885	Grease nipple - 6mm straight		2
	79792107	Grease nipple - ⅛" BSP straight		2
46	79787923	Outer Cam Bush		2
47	79500686	Dust seal		2
48	79500363	Spherical bush housing		4
49	79500362	Spherical bush		2
60	7921104	Automatic slack adjuster - 5 / 6 / 7"		2
	79787905	Manual slack adjuster - 5 / 6 / 7"		2
NS	7978887303	ABS sensor pole mounting block		2
	79506221	Booster bracket		2
	79786275	Brake spider		2
	79786220	Inner cam bracket		2
	79786330	Slack adjuster return spring		2

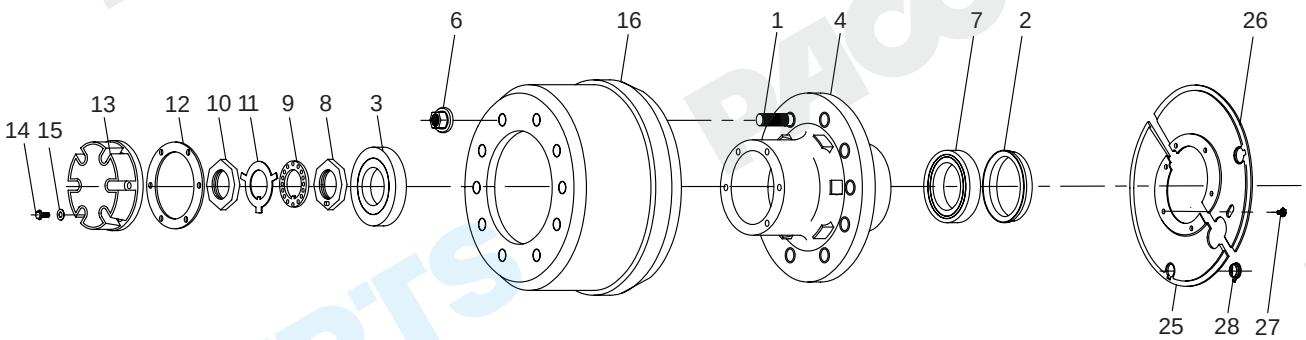
KIT PART NUMBER LISTING				
KIT	79ABS001	ABS sensor pole kit		1
	79ABS003	Complete ABS kit		1
	7978790117	Enclosed cam kit - long cam		1
	7978790101	Enclosed cam kit - short cam		1
	79787904	Non enclosed cam repair kit		1
	7965503	Hub cap window kit		2

2782 / 2784 / RB / 2785 STUD TYPE DRUM AXLES
420 x 180mm BRAKES





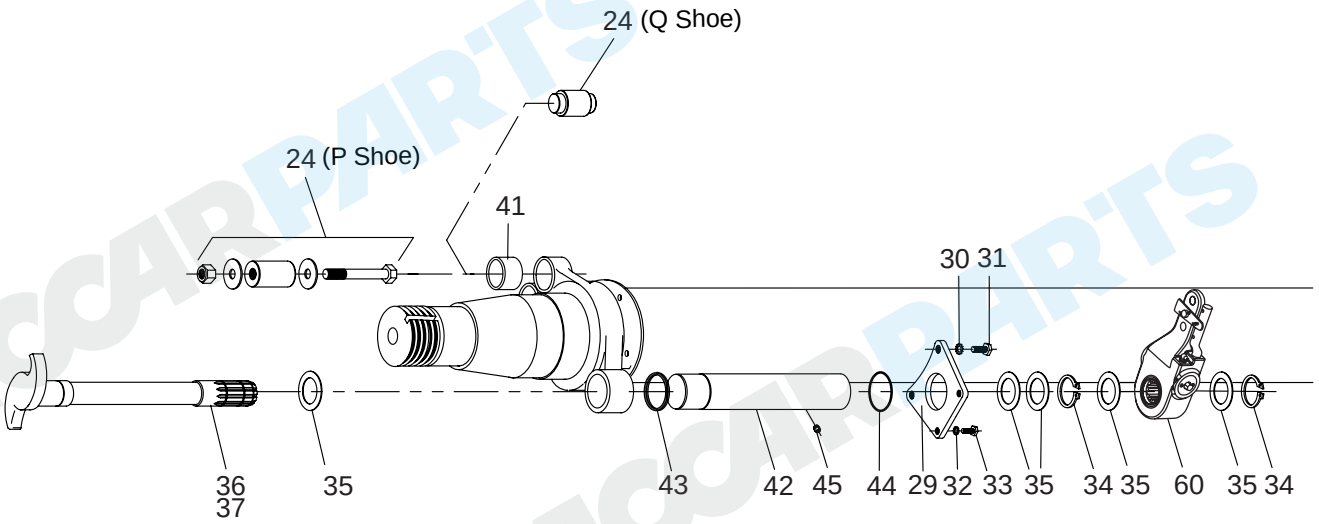


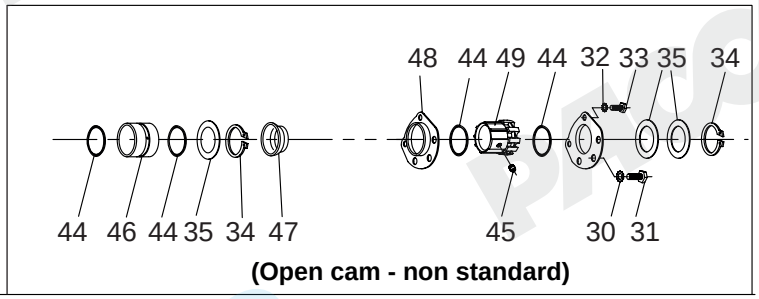


2782 / 2784 / RB / 2785 STUD TYPE DRUM AXLES
420 x 180mm BRAKES

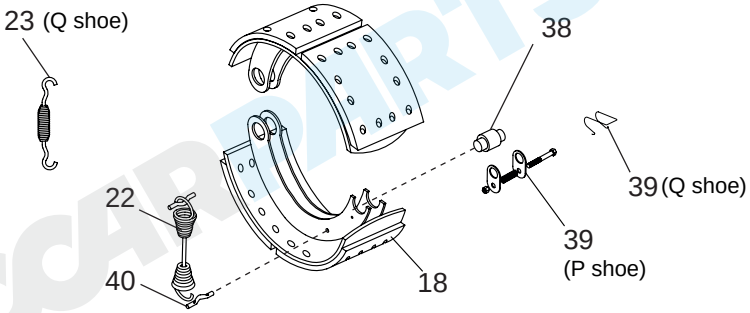
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	79102190	Wheel stud M22 long AL hub 126mm		20
	79786506	Wheel stud Jap RH M20		12/16
	79786507	Wheel stud Jap LH M20		12/16
	79792155	Wheel stud SAE M22 x 100mm	Optional	16/20
	7979215601	Wheel stud SAE M22 x 117mm		16/20
	NA	Wheel stud M22 short AL hub		20
2	79786114	Hub seal		2
	79991067	Hub seal preset	Optional	2
3	HM212011T1M	Outer bearing (cup) TN		2
	HM212049T1M	Outer bearing (cone) TN		2
	NP026773	Outer bearing (cup) preset		2
	NP899357	Outer bearing (cone) preset		2
4	7910005480	Alum hub 10 x 285PCD preset		2
	7910036738	Alum hub 10 x 335PCD preset		2
	79787531	Steel hub 10 x 285 PCD		2
	79787712	Steel hub 10 x 335 PCD		2
	79787891	Steel hub 8 x 285 PCD (Jap)		2
	NA	Steel hub 10 x 335 PCD (pre '95)		2
6	7950291701	Wheel nut M22 ISO		20
	79790001	Japanese wheel nut set RH		6
	79790002	Japanese wheel nut set LH		6
7	HM218210T1M	Inner bearing (cup) TN		2
	HM218248T1M	Inner bearing (cone) TN		2
	NP503727	Inner bearing (cup) preset		2
	NP965350	Inner bearing (cone) preset		2
8	79502461	Spindle nut		2
9	79501123	Spindle lockwasher		2
10	79502462	Spindle locknut		2
11	79790044	Locktab washer		2
12	79787719	Gasket - 6 hole hub cap		2
13	79501715	Hub cap - grease 6 hole		2
	79786215	Hub cap - grease 3 hole		6
	79501785	Hub cap - oil 6 hole	Optional	2
14	49HB516UNC100	Hub cap stud 5/16" UNC x 1"		12
	49HBM08125025P	Hub cap stud M8 x 25mm		12
15	49AW516P	Washer 5/16" - hub cap stud		12
16	79786875	Brake drum 10 x 285 PCD		2
	79787571	Brake drum 10 x 335 PCD		2
	79790204	Brake drum 8 x 285 PCD Jap		2
	79792328	Brake drum 10 x 285 PCD Cfuse		2
18	79SB78790202HD23	Lined brake shoe - 'Q' brake		4
	79SB50206402HD23	Lined brake shoe - 'P' brake	Optional	4
22	79786289	Return spring - cam end		2
23	79787527	Return spring - anchor end 'Q'		2

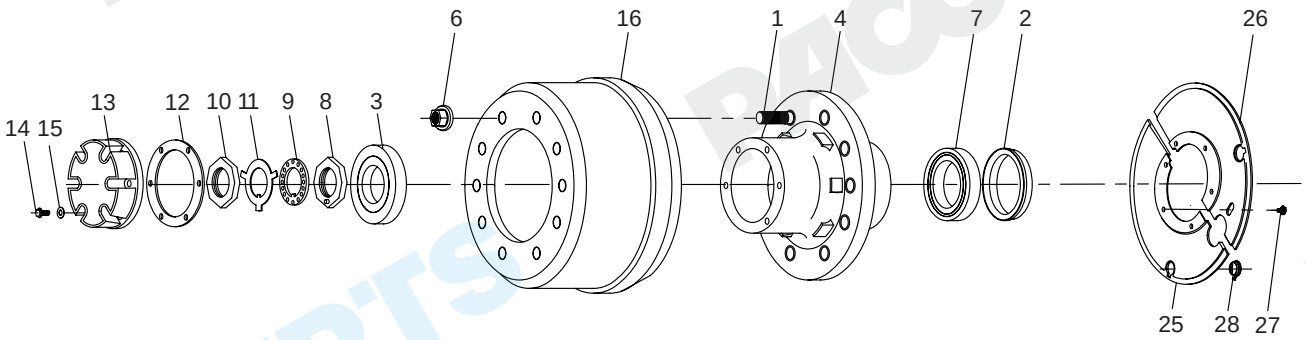
2782 / 2784 / RB / 2785 STUD TYPE DRUM AXLES CONTINUED
420 x 180mm BRAKES





(Open cam - non standard)

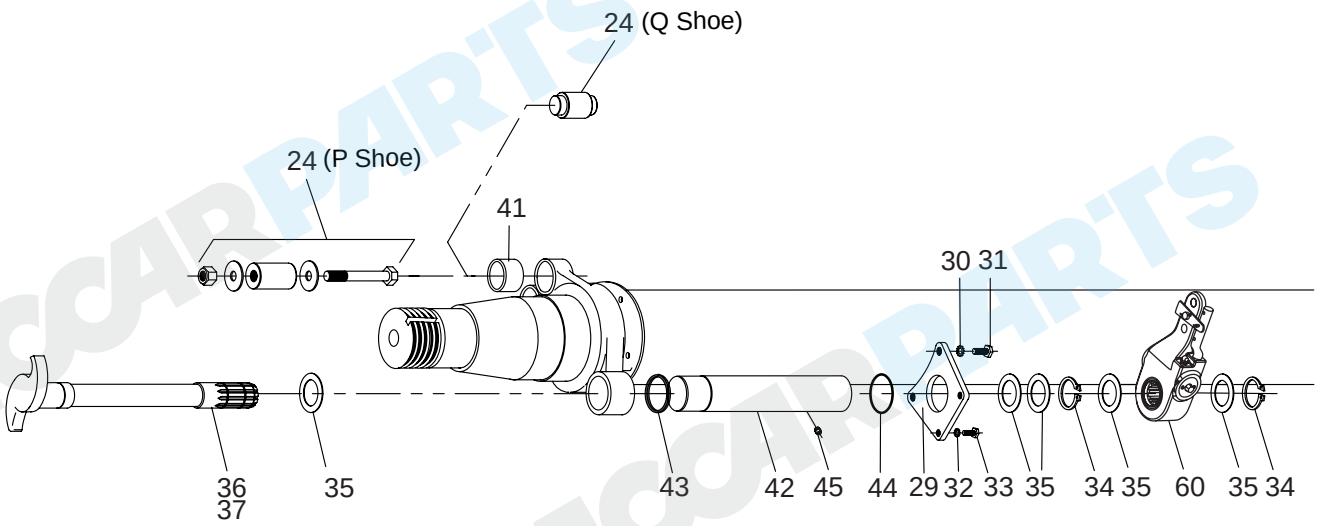


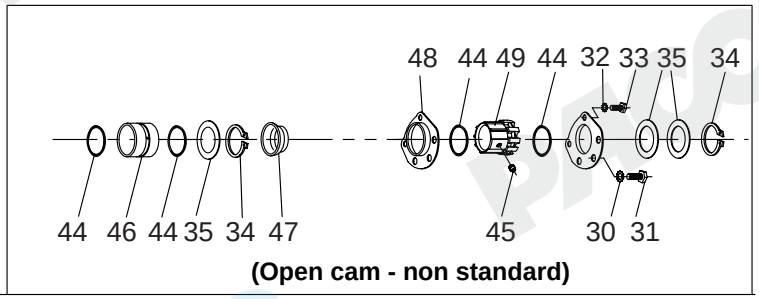


2782 / 2784 / RB / 2785 STUD TYPE DRUM AXLES CONTINUED
420 x 180mm BRAKES

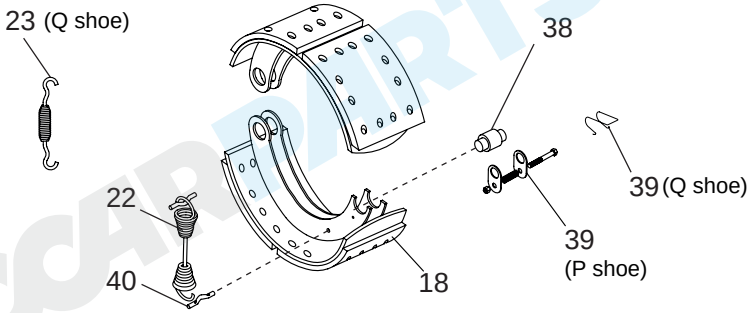
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
24	79787526	Anchor pin 'Q'		4
	79787723	Anchor pin - 'P' bolt on long	Optional	4
	79787997	Anchor pin - 'P' bolt on short		4
25	79786336	Dust cover - upper		2
26	79786335	Dust cover - lower		2
27	49FHM08125016	Screw dust cover M8 x 12		12
28	79500848	Plug dust cover		2
29	79787590	Enclosed cam tube mounting plate		2
30	49AWM12P	Lockwasher M12		8
31	49HBM12175020	Hex bolt M12 x 20		4
32	49AWM10P	Lockwasher M10		8
33	49HBM10150020	Hex bolt M10 x 20		4
34	79500374	Camshaft circlip		4
35	79500358	Camshaft washer		10
36	7950472317LHT	Camshaft LH (long) 627mm		1
	7950472317RHT	Camshaft RH (long) 627mm		1
37	7950472301LHT	Camshaft LH (short) 525mm	Optional	1
	7950472301RHT	Camshaft RH (short) 525mm		1
38	7950035601	Cam roller 1-¼" knurled		4
39	79500373	Cam roller retainer spring		2
	79787722	Cam roller retainer - bolt on	Optional	2
40	79500372	Return spring retainer		4
41	79501787	Anchor pin bush		4
42	79SB78852801	Enclosed cam tube (short) 525mm		2
	79SB78852817	Enclosed cam tube (long) 627mm		2
43	79787721	Seal - hub end enclosed cam		2
44	79500375	O-Ring seal - inner end enclosed cam		2
45	79786885	Grease nipple - 6mm straight		2
	79792107	Grease nipple - ⅛" BSP straight		2
46	79787923	Outer cam bush		2
47	79500686	Dust seal		2
48	79500363	Spherical bush housing		4
49	79500362	Spherical bush		2
60	7921104	Automatic slack adjuster - 5 / 6 / 7"		2
	79787905	Manual slack adjuster - 5 / 6 / 7"		2
NS	79105459	ABS pole wheel - 100T (alum hub)		2
	79788871	ABS pole wheel - 100T (steel hub)		2
	7978887303	ABS sensor pole mounting block		2
	79506221	Booster bracket		2
	79786275	Brake Spider		2
	79786220	Inner cam bracket		2
	79104144	Preset hub bearing spacer		2
	79786330	Slack adjuster return spring		2

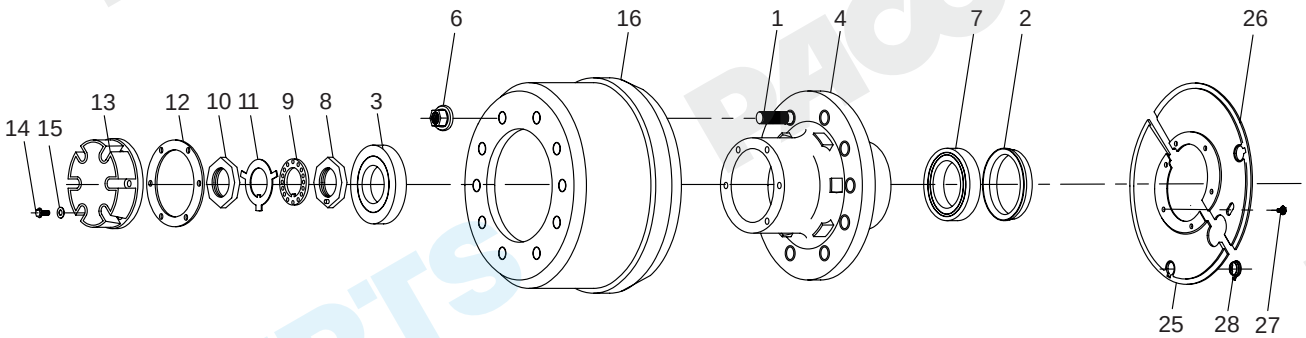
2782 / 2784 / RB / 2785 STUD TYPE DRUM AXLES CONTINUED
420 x 180mm BRAKES





(Open cam - non standard)

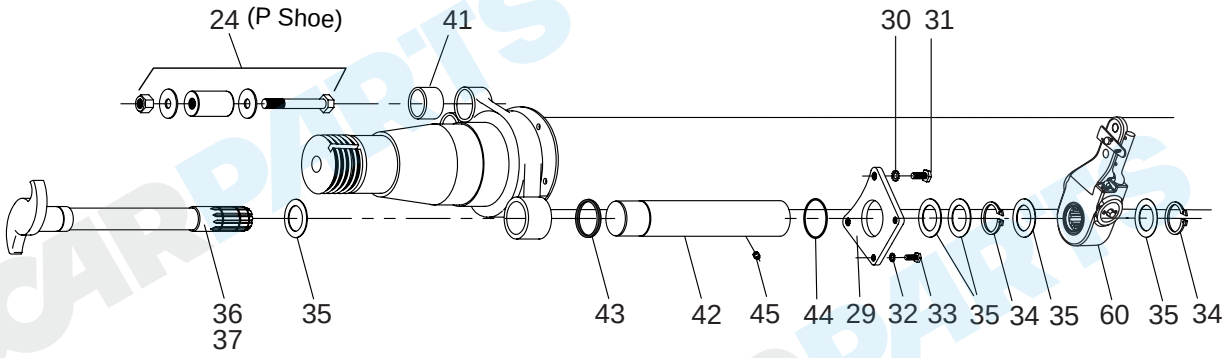


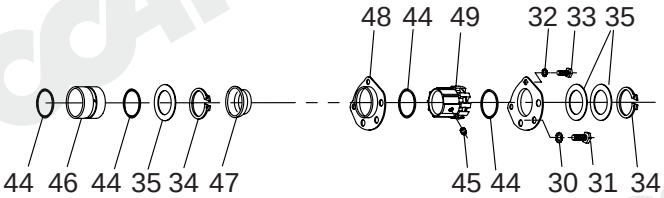


2782 / 2784 / RB / 2785 STUD TYPE DRUM AXLES CONTINUED
420 x 180mm BRAKES

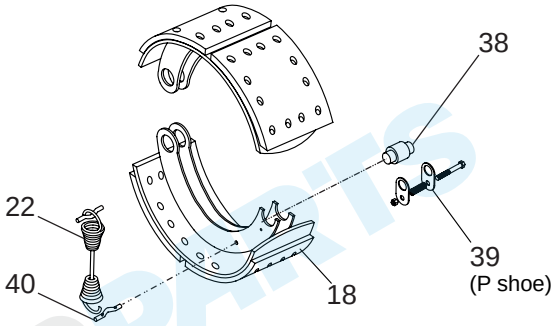
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
KIT PART NUMBER LISTING				
KIT	79ABS001	ABS sensor pole kit		1
	79ABS004	Complete ABS kit alloy hub		1
	79ABS003	Complete ABS kit steel hub		1
	7978790117	Enclosed cam kit - long cam		1
	7978790101	Enclosed cam kit - short cam		1
	79787904	Non enclosed cam repair kit		1
	7965503	Hub cap window kit		2
	79SB792312	Preset bearing kit		2

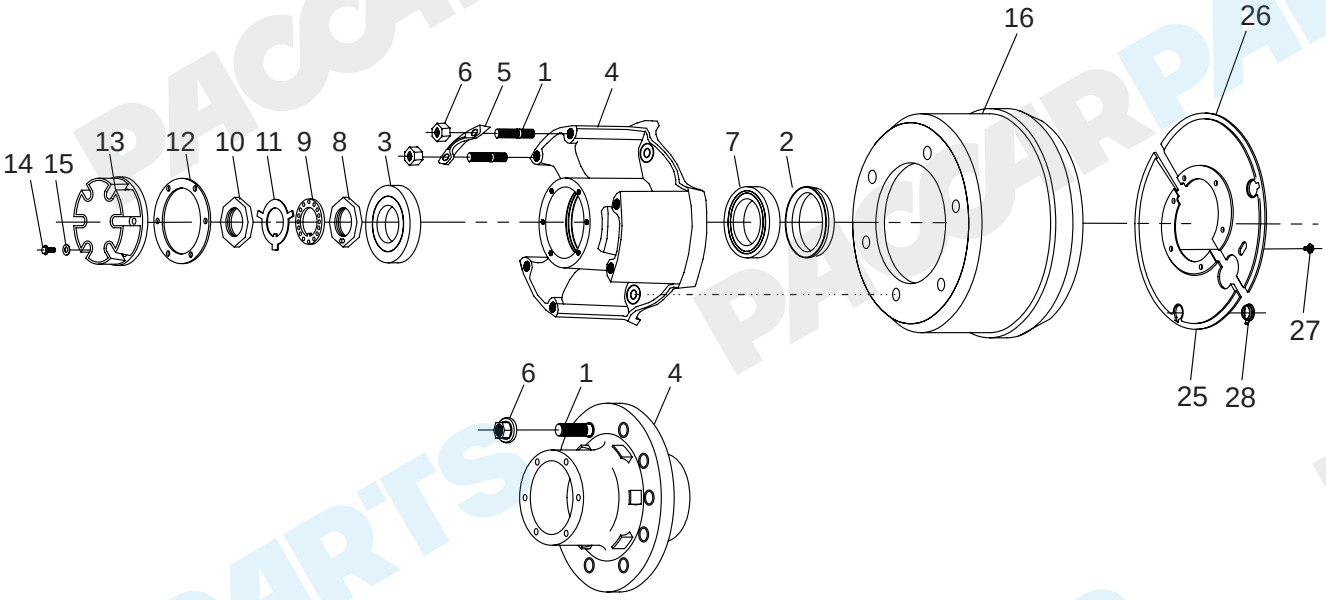
2783 DRUM AXLES
311 x 178mm BRAKES





(Open cam - non standard)



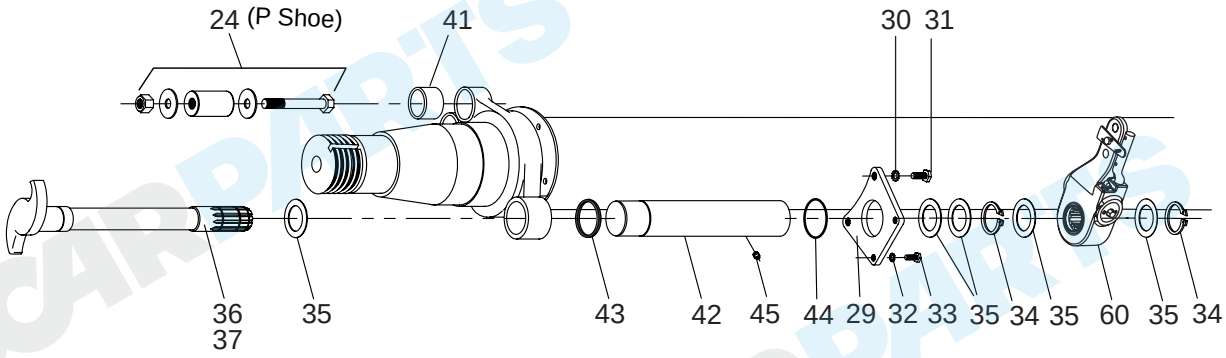


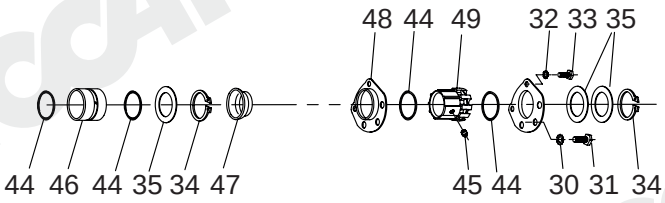
2783 DRUM AXLES
311 x 178mm BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	79786506	Wheel stud Jap RH M20		6
	79786507	Wheel stud Jap LH M20		6
	79787581	Wheel stud ¾" UNC		6
	79792155	Wheel stud SAE M22x100mm		12 / 20
	7979215601	Wheel stud SAE M22x117mm		12 / 20
2	79786114	Hub seal		2
3	HM212011T1M	Outer bearing (cup) TN		2
	HM212049T1M	Outer bearing (cone) TN		2
4	79787595	Steel hub 6 x 222 PCD		2
	79792316	3 spoke spider hub - dual		2
	79SB792161	Steel hub 10 x 225 PCD (Inboard)		2
	79SB792313	Spider hub/drum assy		2
5	793314	Rim Clamp		2
6	7950291701	Wheel nut M22 ISO		20
	79787582	Wheel nut ¾" UNC		12
	79790001	Japanese wheel nut set RH		6
	79790002	Japanese wheel nut set LH		6
7	HM218210T1M	Inner bearing (cup) TN		2
	HM218248T1M	Inner bearing (cone) TN		2
8	79502461	Spindle Nut		2
9	79501123	Spindle lockwasher		2
10	79502462	Spindle locknut		2
11	79790044	Locktab washer		2
12	79787719	Gasket - 6 hole hub cap		2
13	79501715	Hub cap - grease 6 hole		2
	79786215	Hub cap - grease 3 hole		2
	79501785	Hub cap - oil 6 hole	Optional	2
14	49HB516UNC100	Hub cap stud 5/16" UNC x 1"		12
	49HBM08125025P	Hub cap stud M8x25mm		12
15	49AW516P	Washer 5/16" - hub cap stud		12
16	79787598	Brake drum 6 x 222 pcd (Inboard mount drum) 311 x 178		2
	79792164	Brake drum 10 x 225 pcd (Inboard mount drum) 311 x 178		2
	NA	Brake drum 15" spider	Use 795B792313	2
		Brake drum 10 x 225 pcd (Inboard mount drum) 311 x 127	311 x 127 brake shoes & axles are no longer available	2
		Brake drum 10 x 225 pcd (Inboard mount drum) 311 x 127 (narrow) RO8		2
		Brake drum 6 x 222 pcd (Inboard mount drum) 311 x 127		2
18	7950224602	Lined brake shoe 311 x 178		4
	NA	Lined brake shoe 311 x 127	311 x 127 brake shoes & axles are no longer available	4
22	79501551	Return Spring		2
24	79787997	Anchor pin - 'P' bolt on short		2
25	79501576	Dust cover - RH		2
26	79501577	Dust cover - LH		2
27	49FHM08125016	Screw dust cover M8 x 16		12
28	79500848	Plug dust cover		2
29	79787590	Enclosed cam tube mounting plate		2

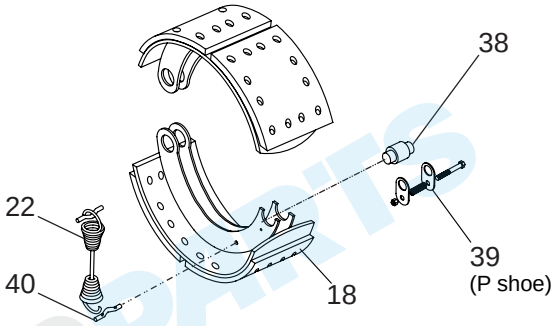
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

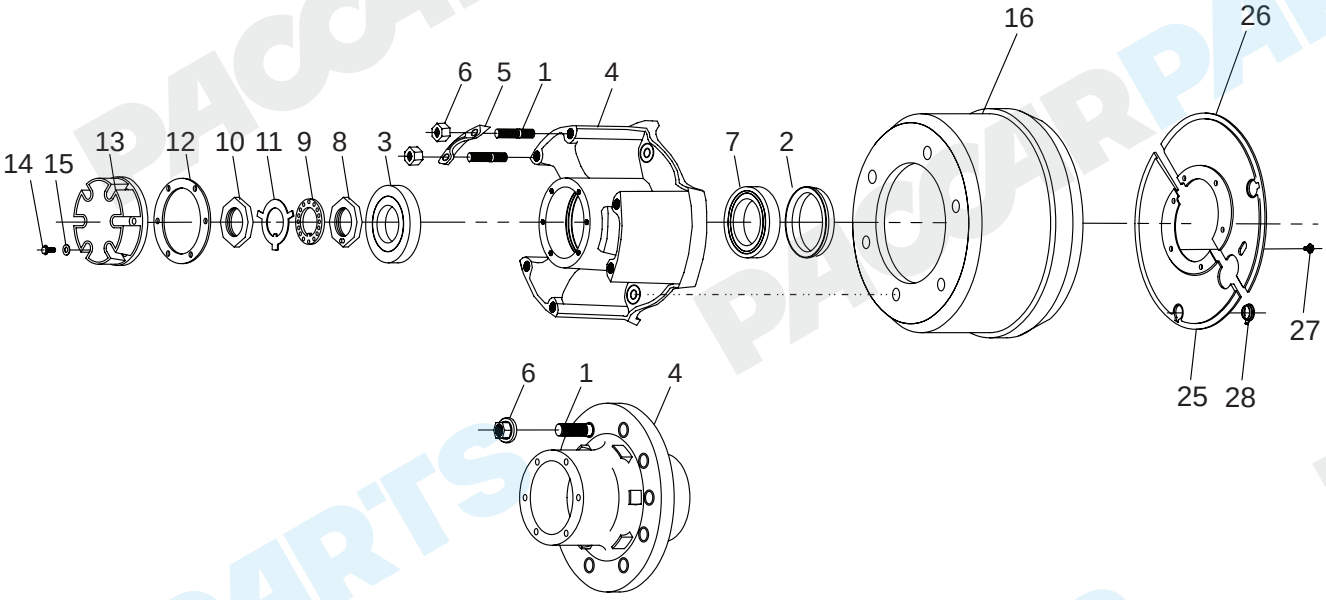
2783 DRUM AXLES CONTINUED
311 x 178mm BRAKES





(Open cam - non standard)





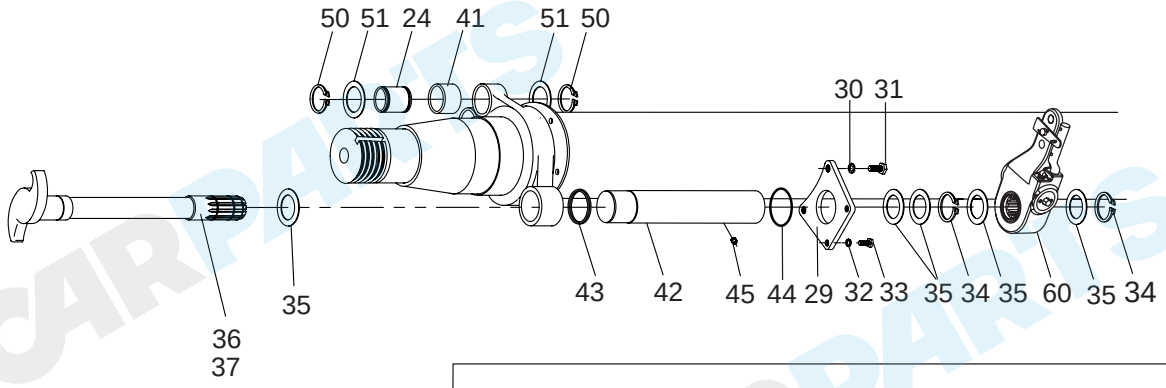
2783 DRUM AXLES CONTINUED
311 x 178mm BRAKES

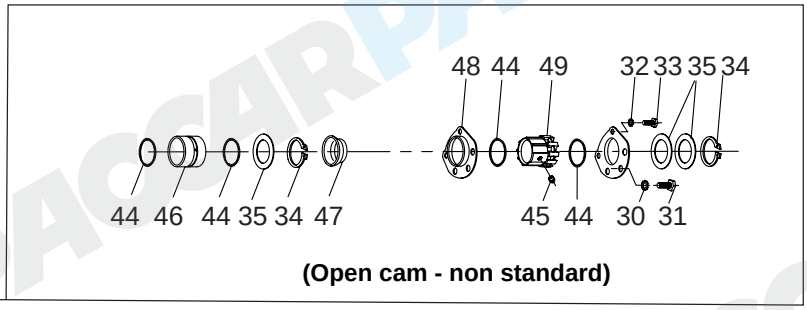
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
30	49AWM12P	Lockwasher M12		6
31	49HBM12175020	Hex bolt M12 x 20		6
32	49AWM10P	Lockwasher M10		4
33	49HBM10150020	Hex bolt M10 x 20		4
34	79500374	Camshaft circlip		4
35	79500358	Camshaft washer		4
36	7950474219LHT	Camshaft LH (long) 616mm		1
	7950474219RHT	Camshaft RH (long) 616mm		1
37	7950474201LHT	Camshaft LH (short) 525mm	Optional	1
	7950474201RHT	Camshaft RH (short) 525mm		1
	7950781002LHT	Camshaft LH (RO8) 160mm		1
	7950781002RHT	Camshaft RH (RO8) 160mm		1
	NA	Camshaft RH (RO8) 126mm		1
		Camshaft LH (RO8) 126mm		1
38	7950035601	Cam roller 1-¼" knurled		4
39	79787722	Cam roller retainer - bolt on		4
40	79500372	Return spring retainer		4
41	79501787	Anchor Pin Bush		4
42	79SB78852801	Enclosed cam tube (short) 525mm		2
	79SB78852819	Enclosed cam tube (long) 616mm		2
43	79787721	Seal - hub end enclosed cam		2
44	79500375	'O' Ring Seal - inner end enclosed cam		2
45	79786885	Grease nipple - 6mm straight		4
	79792107	Grease nipple - ⅛" BSP straight		4
46	79787923	Outer cam bush		4
47	79500686	Dust seal		4
48	79501574	Spherical bush housing		4
49	79500362	Spherical bush		4
60	7921153	Automatic slack adjuster - 5 / 6"		2
	79787905	Manual slack adjuster - 5 / 6 / 7"		2
NS	79105459	ABS pole wheel - 100T (alum hub)		2
	79788871	ABS pole wheel - 100T (steel hub)		2
	79560464	ABS sensor pole bush		2
	7978887303	ABS sensor pole mounting block		2
	79506221	Booster bracket		2
	79786275	Brake spider		2
	79787752	Inner cam bracket		2
	79786330	Slack adjuster return spring		2
	NA	Spacer band - 15 x 4"		2

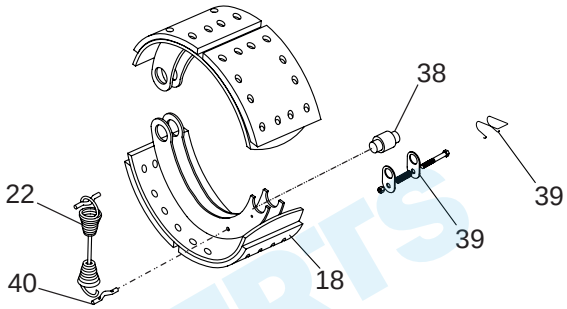
KIT PART NUMBER LISTING				
KIT	79ABS001	ABS sensor pole kit		1
	7978790119	Enclosed cam kit - long cam		1
	7978790101	Enclosed cam kit - short cam		1
	79787904	Non enclosed cam repair kit		1
	7965503	Hub cap window kit		2

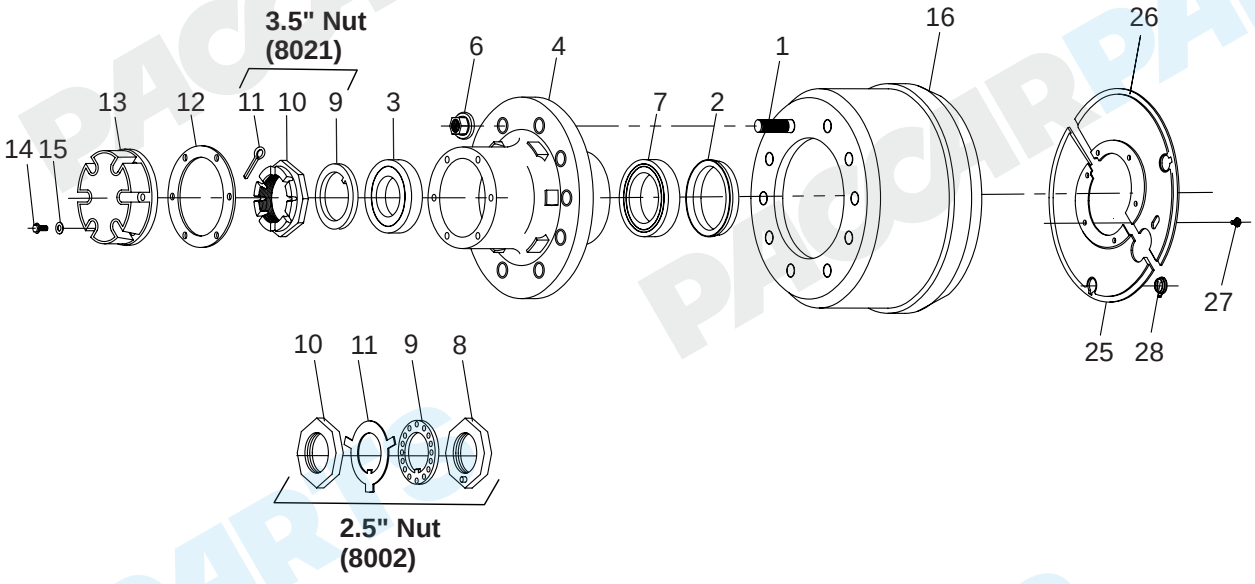
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

2800 HEAVY DUTY DRUM AXLES
420 x 220mm BRAKES





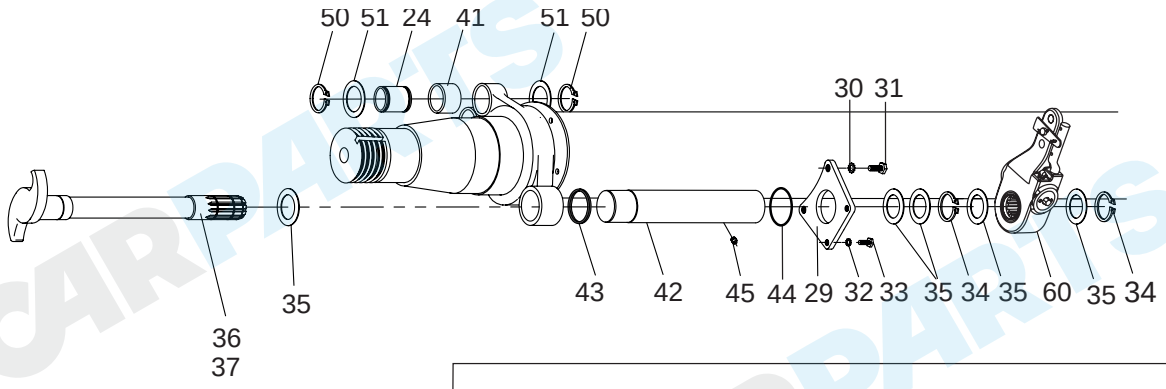


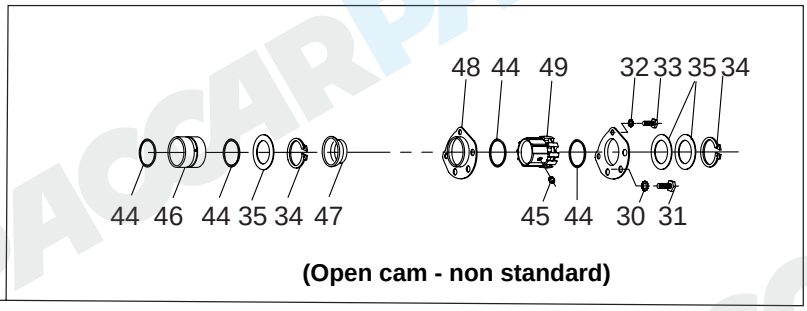


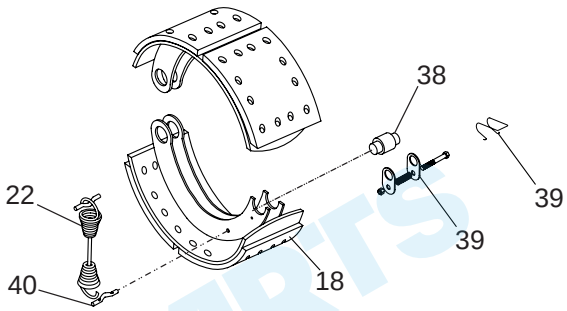
2800 HEAVY DUTY DRUM AXLES
420 x 220mm BRAKES

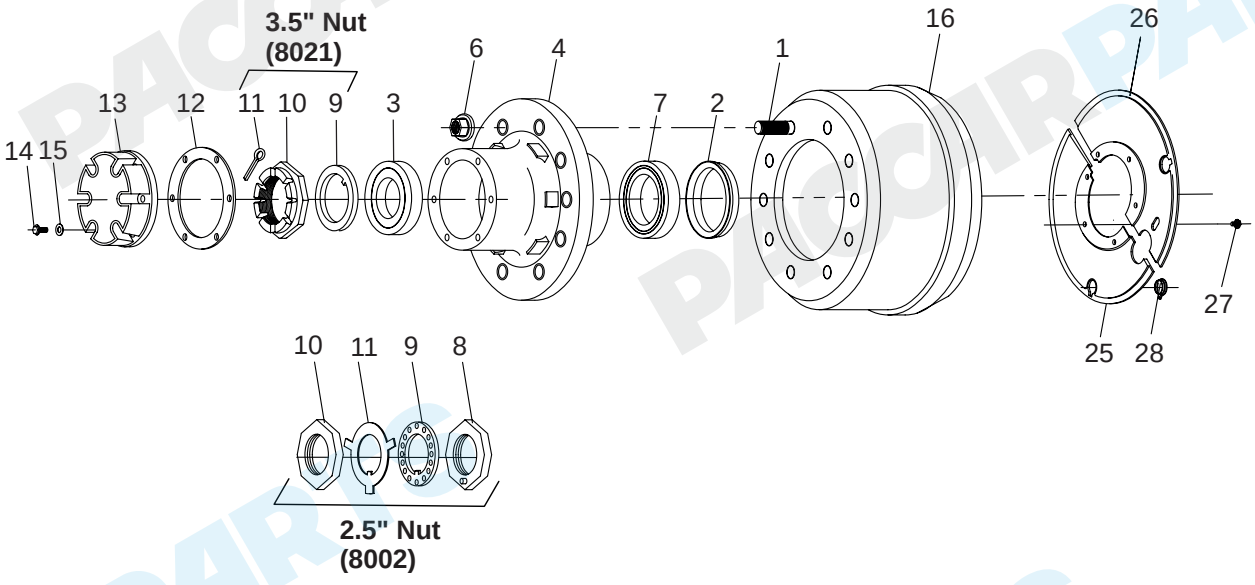
ITEM NO.	PART NO.	DESCRIPTION	QTY/ AXLE
1	79786111	Wheel stud BS M22 x 100mm	20
	79786511	Wheel stud BS M22 x 124mm	20
	79790307	Wheel stud BS M24 x 100mm	20
2	393-0173	Hub seal TQ	2
3	HM218210T1M	Outer bearing (cup) TN	2
	HM218248T1M	Outer bearing (cone) TN	2
4	79788805	Steel hub 10 x 335 PCD (M22)	2
	79790352	Steel hub 10 x 335 PCD (M24)	2
6	7950291701	Wheel nut M22 ISO	20
	79786112	Wheel nut M24 ISO	20
7	HM220110ZT1M	Inner bearing (cup) TQ	2
	HM220149ZT1M	Inner bearing (cone) TQ	2
8	79502461	Spindle nut - 2.5"	2
9	79501123	Spindle lockwasher - 2.5"	2
	79788889	Spindle thrust washer - 3.5"	2
10	79502462	Spindle locknut - 2.5"	2
	79788890	Spindle castellated nut - 3.5"	2
11	79788891	Split pin - 8 x 50	2
	79790044	Locktab washer - 2.5"	2
12	79502472	Gasket - 6 hole hub cap	2
13	79788901Y0RK	Hub cap - grease 6 hole	2
14	49HB08125040	Hub cap stud M8 x 40mm	12
15	49AW516P	Washer 5/16" - hub cap stud	12
16	79788801	Brake drum 10 x 335PCD (M22)	2
	79790354	Brake drum 10 x 335PCD (M24)	2
18	79SB50206502AF237	Lined brake shoe - 'P' brake 420 x 220	4
22	79786289	Return spring - cam end	2
24	79501995	Anchor pin - 'P' brake	4
25	79786336	Dust cover - RH (8002)	2
	79790070	Dust cover - RH (8021 / 8003)	2
26	79786335	Dust cover - LH (8002)	2
	79790069	Dust cover - LH (8021 / 8003)	2
27	49FHM08125016	Screw dust cover M8 x 12	12
28	79500848	Plug dust cover	2
29	79787590	Enclosed cam tube mounting plate	2
30	49AWM12P	Lockwasher M12	8
31	49HBM12175020	Hex bolt M12 x 20	4
32	49AWM10P	Lockwasher M10	8
33	49HBM10150020	Hex bolt M10 x 20	4
34	79500374	Camshaft circlip	4
35	79500358	Camshaft washer	10
36	7950472317LHT	Camshaft LH (long) 627mm	1
	7950472317RHT	Camshaft RH (long) 627mm	1

2800 HEAVY DUTY DRUM AXLES CONTINUED
420 x 220mm BRAKES







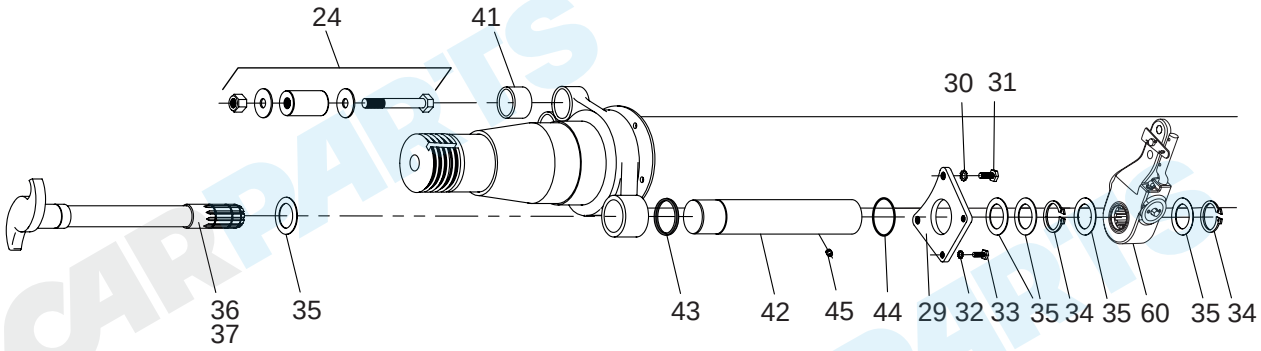


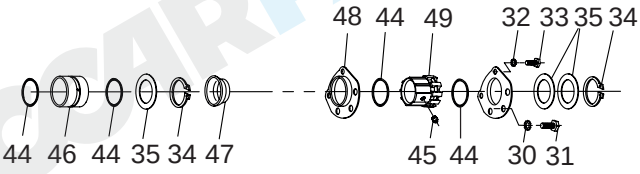
2800 HEAVY DUTY DRUM AXLES CONTINUED
420 x 220mm BRAKES

ITEM NO.	PART NO.	DESCRIPTION	QTY/ AXLE
37	7950472301LHT	Camshaft LH (short) 525mm	1
	7950472301RHT	Camshaft RH (short) 525mm	1
38	7950035601	Cam roller 1-¼" knurled	4
39	79500373	Cam roller retainer spring	4
	79787722	Cam roller retainer - bolt on	4
40	79500372	Return spring retainer	4
41	79501787	Anchor pin bush	4
42	79SB78852801	Enclosed cam tube (short) 525mm	2
	79SB78852817	Enclosed cam tube (long) 627mm	2
43	79787721	Seal - hub end enclosed cam	2
44	79500375	O-Ring seal - inner end enclosed cam	2
45	79786885	Grease nipple - 6mm straight	2
	79792107	Grease nipple - ⅛" BSP Straight	2
46	79786123	Outer cam bush - nylon	2
	79787923	Outer cam bush - vesconite	2
47	79500686	Dust seal	2
48	79500363	Spherical bush housing	4
49	79500362	Spherical bush	2
50	79758525	Anchor pin circlip	4
51	79501996	Anchor pin washer	4
60	7921104	Automatic slack adjuster - 5 / 6 / 7"	2
	79787905	Manual slack adjuster - 5 / 6 / 7"	2
NS	79506221	Booster bracket	2
	79786275	Brake spider 420 x 180	2
	79788813	Brake spider 420 x 220	2
	79507327	Grease nipple extension - 52mm	2
	79786220	Inner cam bracket	2
	79786330	Slack adjuster return spring	2

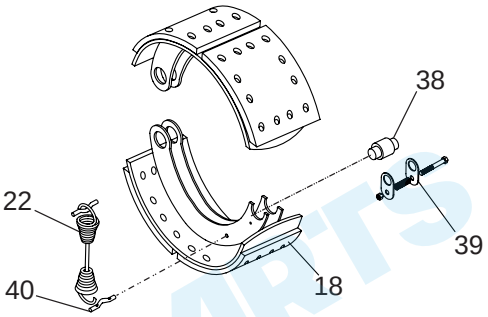
KIT PART NUMBER LISTING			
KIT	7978790117	Enclosed cam kit - long cam	1
	7978790101	Enclosed cam kit - short cam	1
	79787904	Non enclosed cam repair kit	1

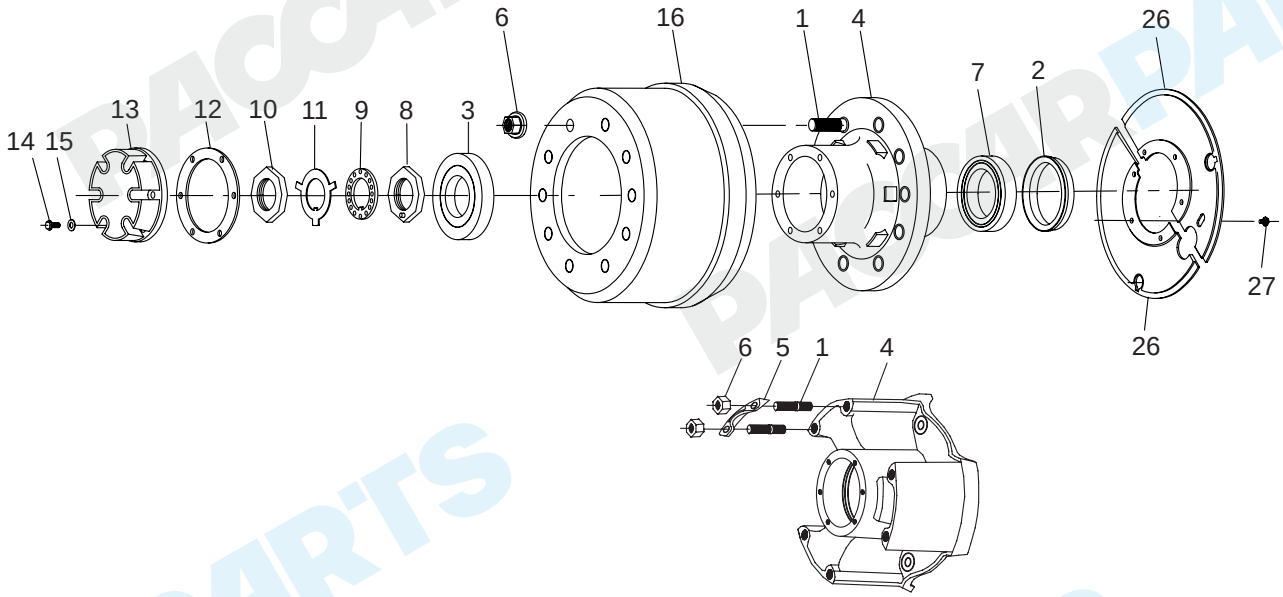
2950 DRUM AXLES
335 x 210mm BRAKES





(Open cam - non standard)



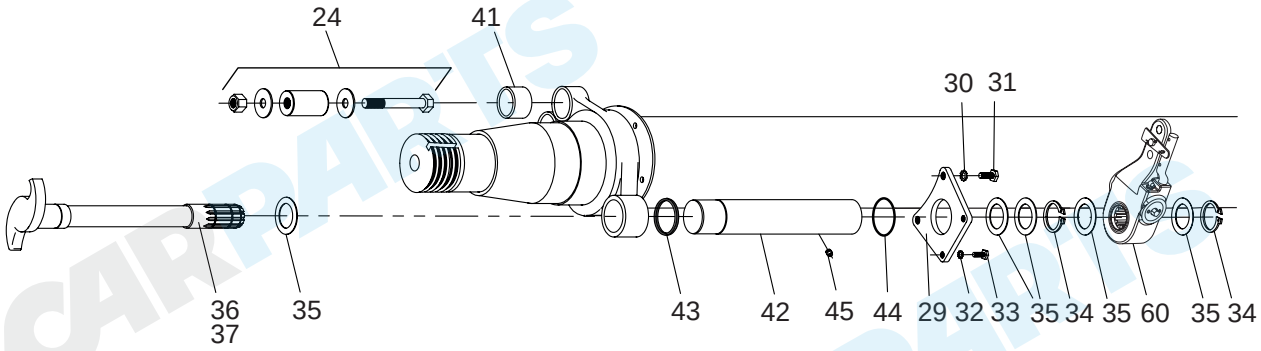


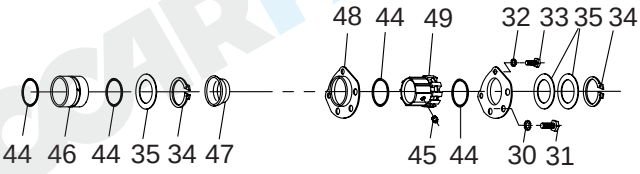
2950 DRUM AXLES
335 x 210mm BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	79102190	Wheel stud M22 long AL hub		20
	79786506	Wheel stud Jap RH M20		6
	79786507	Wheel stud Jap LH M20		6
	79787581	Wheel stud ¾" UNC		12
	79792155	Wheel stud SAE M22 x 100mm		16/20
	7979215601	Wheel stud SAE M22 x 117mm		16/20
	NA	Wheel stud M22 short AL hub		20
2	79786114	Hub seal		2
3	HM212011T1M	Outer bearing (cup) TN		2
	HM212049T1M	Outer bearing (cone) TN		2
	NP026773	Outer bearing (cup) preset		2
	NP899357	Outer bearing (cone) preset		2
4	7910008846	Alum hub 8 x 275 PCD (preset)		2
	79787705	Steel hub 8 x 275 PCD (O/B)		2
	79792161	Steel hub 10 x 225 PCD (I/B)		2
	79792316	3 spoke spider hub - dual		2
	NA	Steel hub 8 x 225 PCD (I/B)		2
		Steel hub 8 x 285 PCD (Jap)		2
5	793314	Rim clamp		6
6	7950291701	Wheel nut M22 ISO		20
	79787582	Wheel nut ¾" UNC		12
	79790001	Japanese wheel nut set RH		6
	79790002	Japanese wheel nut set LH		6
7	HM218210T1M	Inner bearing (cup) TN		2
	HM218248T1M	Inner bearing (cone) TN		2
	NP503727	Inner bearing (cup) preset		2
	NP965350	Inner bearing (cone) preset		2
8	79502461	Spindle nut		2
9	79501123	Spindle lockwasher		2
10	79502462	Spindle locknut		2
11	79790044	Locktab washer		2
12	79787719	Gasket - 6 hole hub cap		2
13	79501715	Hub cap - grease 6 hole		2
	79786215	Hub cap - grease 3 hole		2
	79501785	Hub cap - oil 6 hole	Optional	2
14	49HB516UNC100	Hub cap stud 5/16" UNC x 1"		12
	49HBM08125025P	Hub cap stud M8 x 25mm		12
15	49AW516P	Washer 5/16" - hub cap stud		12
16	79786856	Brake drum spider		2
	79787704	Brake drum 8 x 275 PCD (O/B)		2
	79789234	Brake drum 8 x 285 PCD (Jap)		2
	79792162	Brake drum 8 x 225 PCD (I/B)		2
	79SB792163100	Brake drum ASSY 10 x 225 PCD 335 x 210 100mm Studs		2
	79SB792163117	Brake Drum ASSY 10 x 225 PCD 335 x 210 117mm Studs		2
18	7978765002	Lined brake shoe (bonded)		4
22	79506498	Return Spring		2
24	79787997	Anchor pin - 'P' bolt on short		4

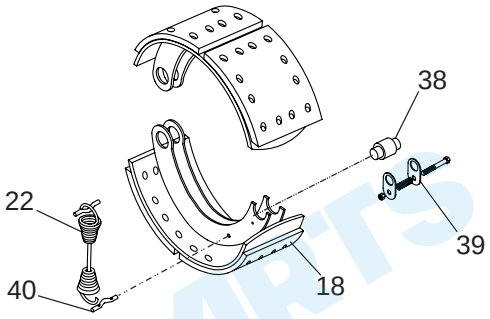
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

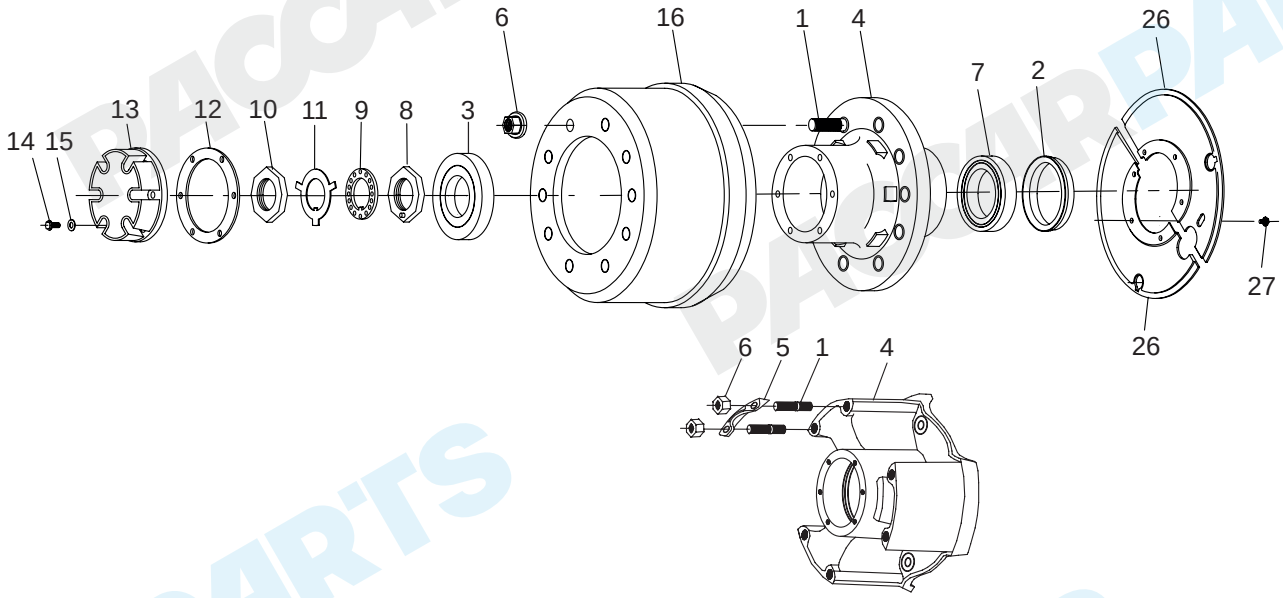
2950 DRUM AXLES CONTINUED
335 x 210mm BRAKES





(Open cam - non standard)





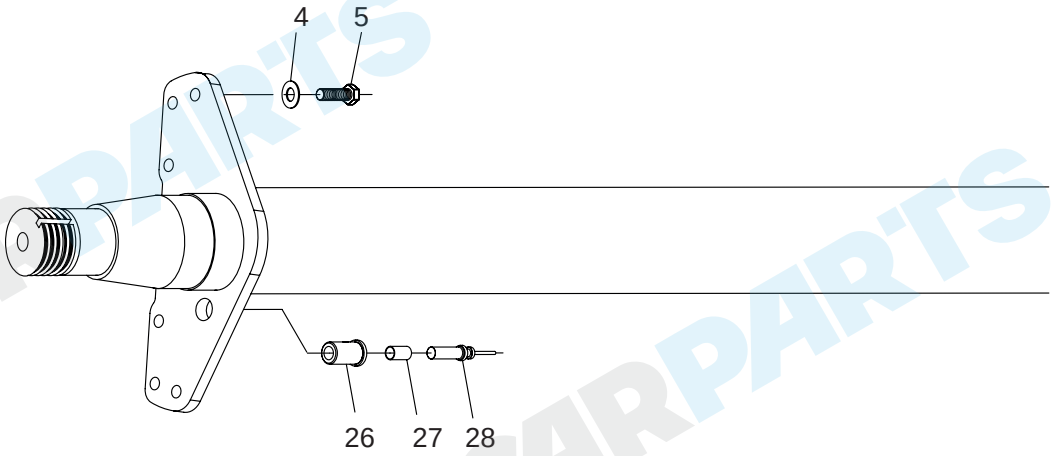
2950 DRUM AXLES CONTINUED
335 x 210mm BRAKES

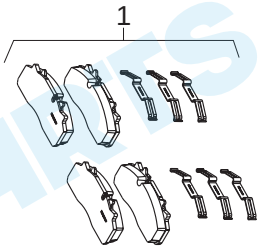
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
26	79506414	Dust cover - LH & RH		4
27	49FHM08125016	Screw dust cover M8 x 16		12
29	79787590	Enclosed cam tube mounting plate		2
30	49AWM12P	Lockwasher M12		8
31	49HBM12175020	Hex bolt M12 x 20		4
32	49AWM10P	Lockwasher M10		8
33	49HBM10150020	Hex bolt M10 x 20		4
34	79500374	Camshaft circlip		4
35	79500358	Camshaft washer		10
36	7979023819LHT	Camshaft LH (long) 616mm		1
	7979023819RHT	Camshaft RH (long) 616mm		1
37	7979023801LHT	Camshaft LH (short) 525mm	Optional	1
	7979023801RHT	Camshaft RH (short) 525mm		1
38	7950035601	Cam roller 1-¼" knurled		4
39	79787722	Cam roller retainer - bolt on		2
40	79500372	Return spring retainer		4
41	79501787	Anchor pin bush		4
42	79SB78852801	Enclosed cam tube (short) to suit 525mm S-Cam		2
	79SB78852819	Enclosed cam tube (long) to suit 616mm S-Cam		2
43	79787721	Seal - hub end enclosed cam		2
44	79500375	O-Ring seal - inner end enclosed cam		2
45	79786885	Grease nipple - 6mm straight		2
	79792107	Grease nipple - ⅛" BSP straight		2
46	79787923	Outer Cam Bush		2
47	79500686	Dust seal		2
48	79501574	Spherical bush housing		4
49	79500362	Spherical bush		2
60	7921153	Automatic slack adjuster - ⅝"		2
	79787905	Manual slack adjuster - 5 / 6 / 7"		2
NS	79105459	ABS pole wheel - 100T (alum hub)		2
	79788871	ABS pole wheel - 100T (steel hub)		2
	79560464	ABS sensor pole bush		2
	7978887303	ABS sensor pole mounting block		2
	79506221	Booster bracket		2
	79786275	Brake Spider		2
	79787752	Inner cam bracket		2
	79104144	Preset hub bearing spacer		2
	79786330	Slack adjuster return spring		2
	NA	Spacer band - 15 x 4"		2

KIT PART NUMBER LISTING				
KIT	79ABS001	ABS sensor pole kit		1
	7978790119	Enclosed cam kit - long cam		1
	7978790101	Enclosed cam kit - short cam		1
	79787904	Non enclosed cam repair kit		1
	7965503	Hub cap window kit		2

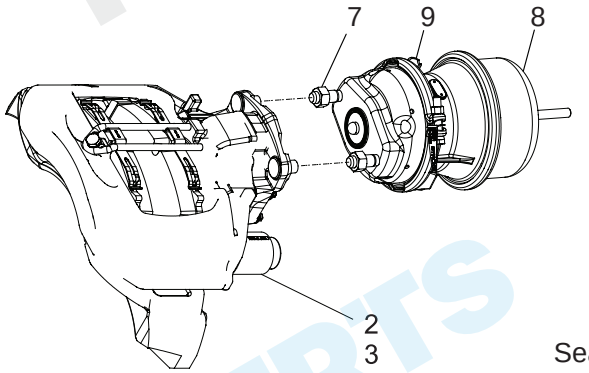
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

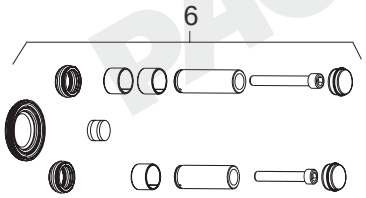
2970 PAN 22 DISC AXLES



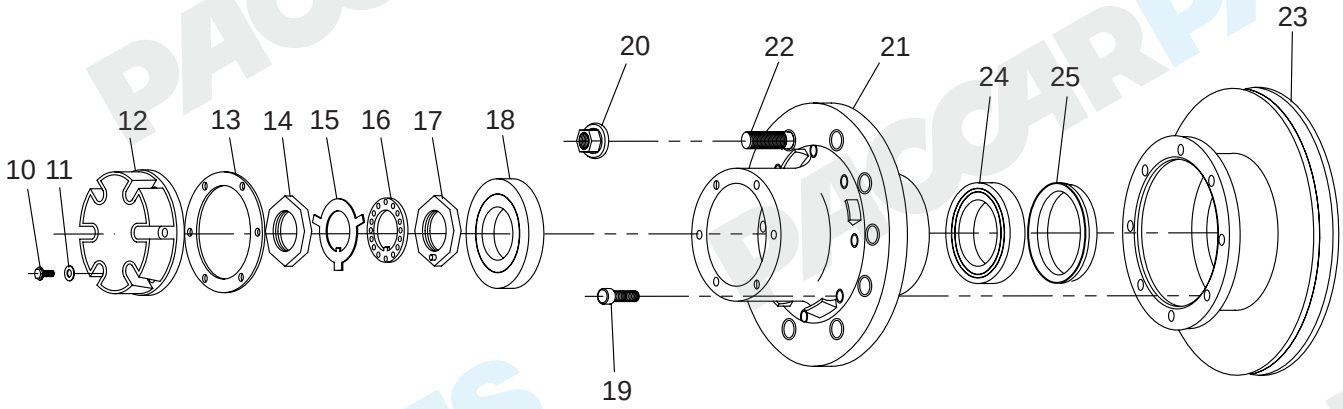


Pad set (1 axle)





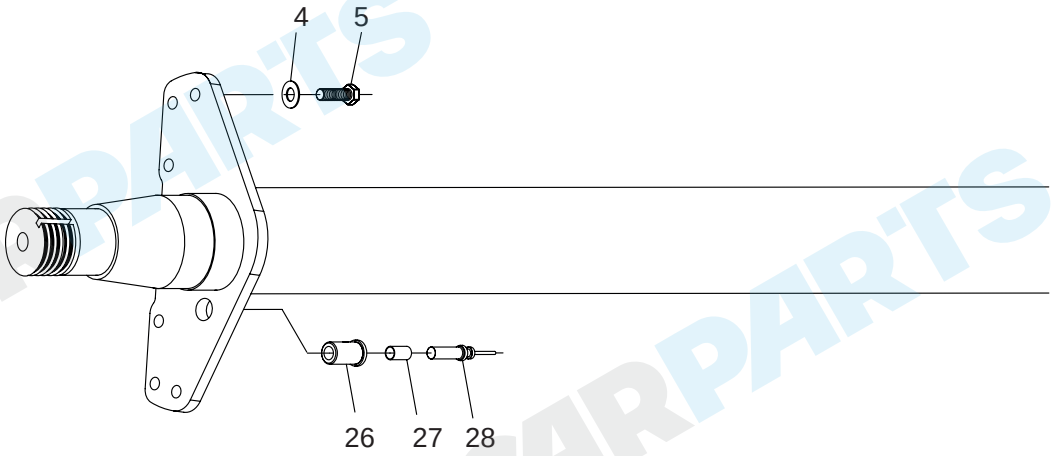
Seal and guide pin kit (1 caliper)

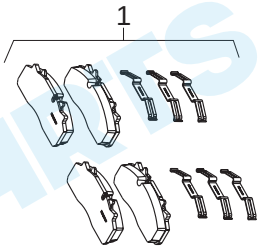


2970 PAN 22 DISC AXLES

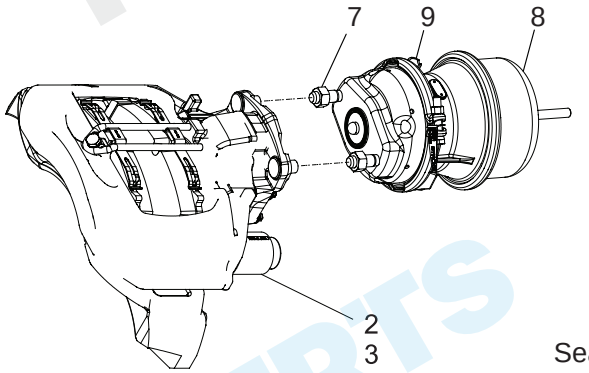
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	79787420	Disc brake pads (axle set)		1
2	79787421	Disc brake caliper L/H		1
3	79787422	Disc brake caliper R/H		1
4	79787360	High tensile washer M16		12
5	49HBM16150045	Caliper mounting bolt M16 x 45		12
6	79787365	Caliper guide pin & seal repair kit		1
7	49LNM1615	Nyloc nut M16 x 1.5		4
8	79787350/1424L	Spring brake chamber 14 / 24 - L/H		1
	79787350/1424R	Spring brake chamber 14 / 24 - R/H		1
	797873502024	Spring brake chamber 20 / 24		2
	7978735416	Brake chamber type 16		2
	7978735420	Brake chamber type 20		2
	7978735422	Brake chamber type 22		2
	79787350/1424L	Brake chamber type 24 - L/H		1
	79787350/1424R	Brake chamber type 24 - R/H		1
	797874301624	Spring brake chamber 16 / 24		2
	797874302024	Spring brake chamber 20 / 24		2
	797874461216	Spring brake chamber 12 / 16		2
	797874461416	Spring brake chamber 14 / 16		2
	NA	Spring brake chamber 18 / 24		2
		Spring brake chamber 24 / 24		2
9	92791607	Fitting	79787430**** chamber	2
	NA		79787350**** chamber	2
10	49HBM08125025P	Hub cap stud M8 x 25mm		12
11	49AW516P	Spring washer 5/16"		12
12	79501715	Hub cap - grease 6 hole		2
13	79787719	Hub Cap Gasket		2
14	79502462	Spindle locknut		2
15	79790044	Locktab washer		2
16	79501123	Spindle lockwasher		2
17	79502461	Spindle Nut		2
18	HM212011T1M	Outer bearing (cup) TN		2
	HM212049T1M	Outer bearing (cone) TN		2
	NP026773	Outer bearing (cup) preset		2
	NP899357	Outer bearing (cone) preset		2
19	49SHM16200035	Rotor mounting bolt M16 x 35 Steel hub		10
	NA	Nut flanged 5/8"-18 UNF Alum hub		10
20	7950291701	Wheel nut M22 ISO		20
21	7910036723	Hub/rotor assy 10 x 285 pcd preset alum hub		2
	79SB787428117M	Hub/rotor assy 10 x 285 pcd		2
	79SB787429117M	Hub/rotor assy 10 x 335 pcd		2
	79789232	Steel hub 10 x 285 pcd		2
	79789230	Steel hub 10 x 335 pcd		2
	NA	Alum hub 10 x 285 pcd		2
22	7979215601	Wheel stud SAE M22 x 117mm		20

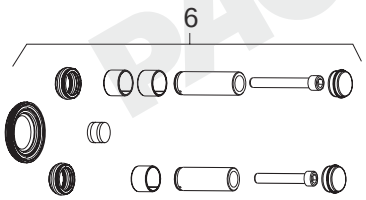
2970 PAN 22 DISC AXLES CONTINUED



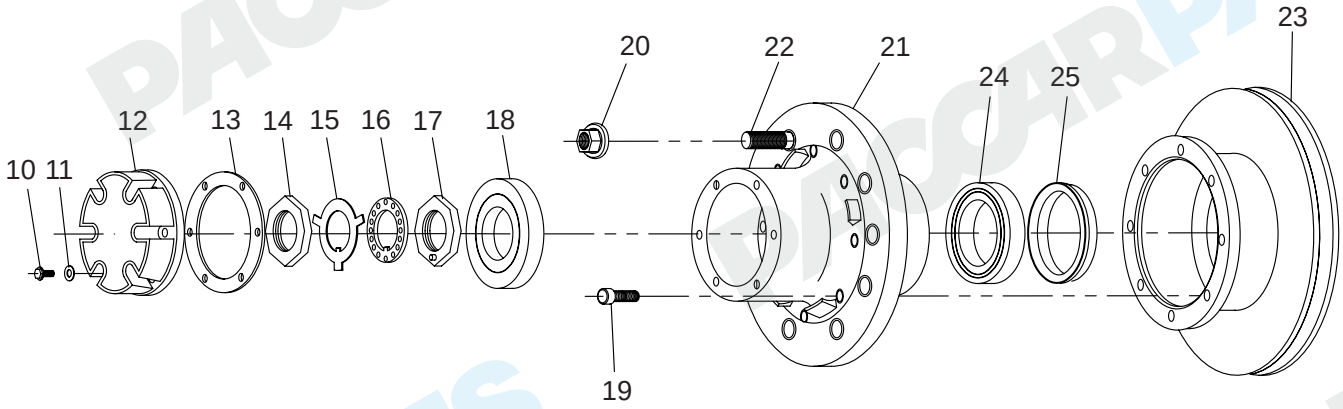


Pad set (1 axle)





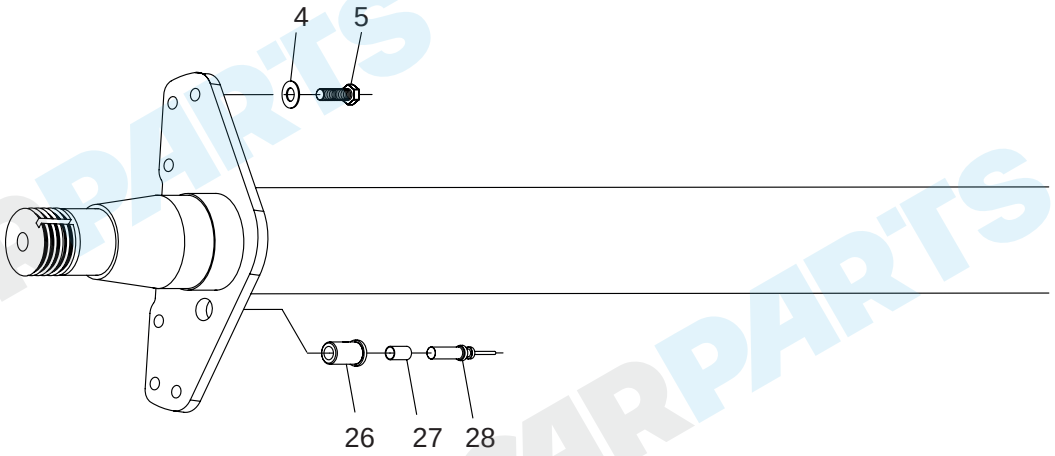
Seal and guide pin kit (1 caliper)

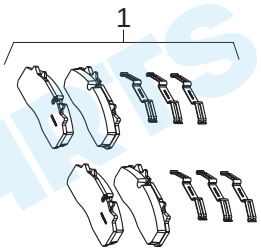


2970 PAN 22 DISC AXLES CONTINUED

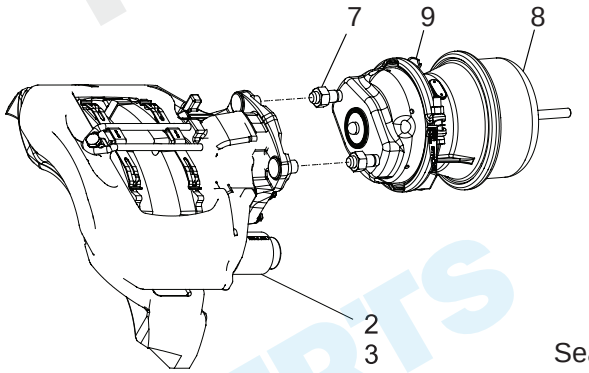
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
23	7910018609	Disc brake rotor - dia 430 ABS Preset alum hub		2
	79789121	Disc brake rotor - dia 430 ABS Steel hub		2
24	HM218210T1M	Inner bearing (cup)		2
	HM218248T1M	Inner bearing (cone)		2
	NP503727	Inner bearing (cup) preset		2
	NP965350	Inner bearing (cone) preset		2
25	79786114	Hub seal		2
	79991067	Hub seal preset		2
26	79787355	ABS sensor mounting bush dia 24 Preset alum hub		2
	79787406	ABS sensor mounting bush dia 30 Steel alum hub		2
27	79560464	ABS sensor pole bush		2
28	79787407	ABS sensor straight cable		2
NS	79991056	ABS sensor ring 100 tooth Preset alum hub		2
	NA	Brake caliper mounting bracket		2
	79104144	Preset hub bearing spacer		2
	49SHC832UNC	Sensor ring mounting screw Preset alum hub		2
KIT PART NUMBER LISTING				
KIT	79ABS006	ABS sensor pole kit (alum hub)		1
	79ABS005	ABS sensor pole kit (steel hub)		1
	79SB792312	Bearing kit preset		2
	7978736601	Offset brake booster mount kit		1

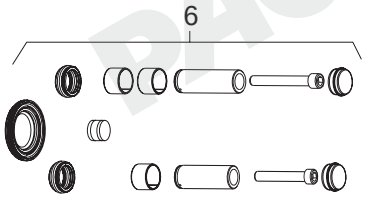
2980 PAN 19 DISC AXLES



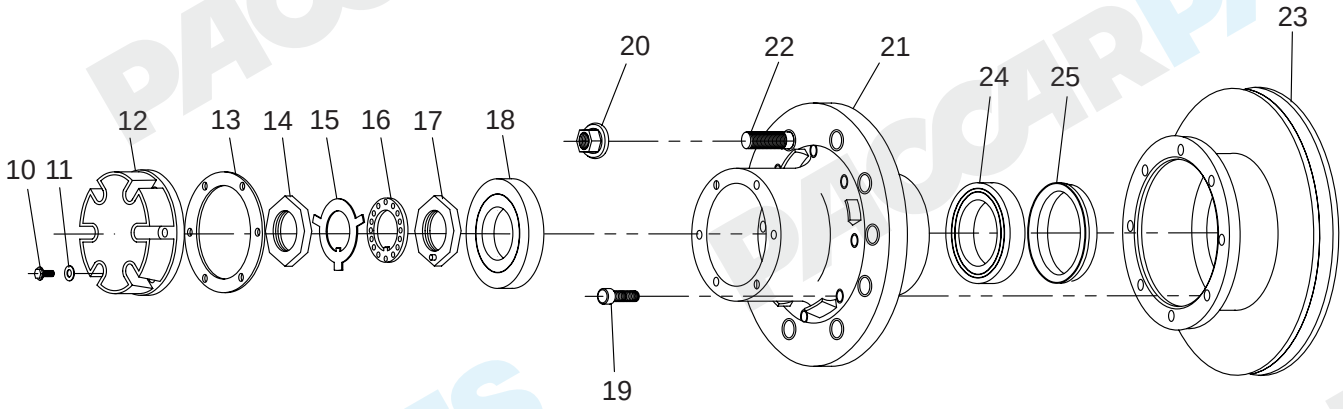


Pad set (1 axle)





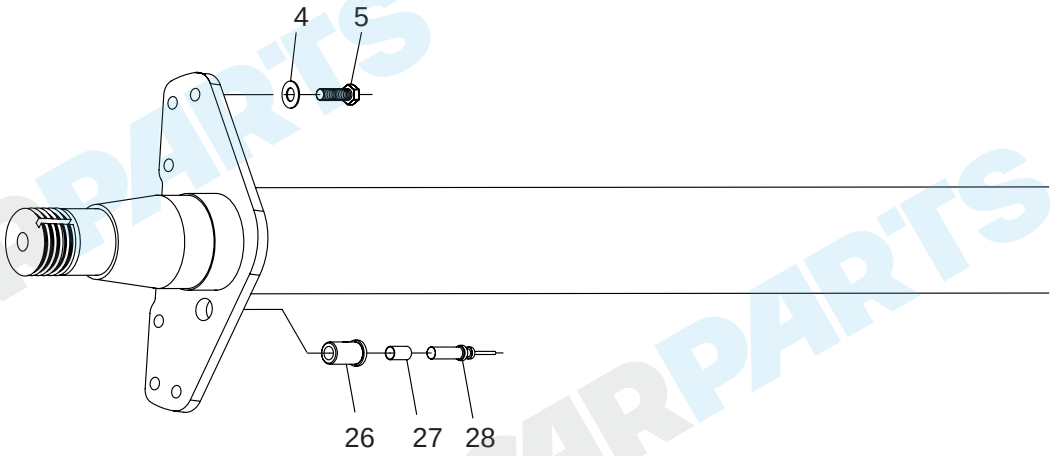
Seal and guide pin kit (1 caliper)

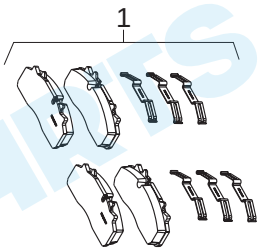


2980 PAN 19 DISC AXLES

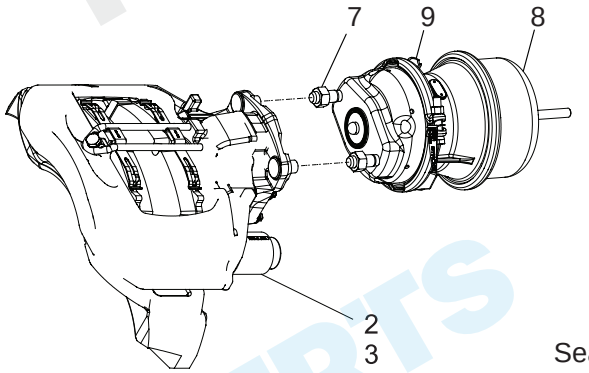
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	79787364	Disc brake pads (axle set)		1
2	79787317	Disc brake caliper L/H		1
3	79787318	Disc brake caliper R/H		1
4	79787360	High tensile washer M16		12
5	79787310	Caliper mounting bolt M16 x 50		12
6	79787365	Caliper guide pin & seal repair kit		1
7	49LNM1615	Nyloc nut M16 x 1.5		4
8	79787350/1424L	Spring brake chamber 14 / 24		1
	79787350/1424R	Spring brake chamber 14 / 24		1
	797873502024	Spring brake chamber 20 / 24		2
	7978735416	Brake chamber type 16		2
	7978735420	Brake chamber type 20		2
	7978735422	Brake chamber type 22		2
	7978735424	Brake chamber type 24		2
	79787430/1624	Spring brake chamber 16 / 24		2
	79787430/2024	Spring brake chamber 20 / 24		2
	797874461216	Spring brake chamber 12 / 16		2
	797874461416	Spring brake chamber 14 / 16		2
	NA	Spring brake chamber 16 / 24		2
		Spring brake chamber 18 / 24		2
		Spring brake chamber 24 / 24		2
		Brake chamber type 14		2
9	92791607	Fitting	79787430**** chamber	4
	NA		79787350**** chamber	4
10	49HB516UNC100	Hub cap stud 5/16" UNC x 1"		12
11	49AW516P	Spring washer 5/16"		12
12	79501715	Hub cap - grease 6 hole		2
13	79787719	Hub cap gasket		2
14	79502462	Spindle locknut		2
15	79790044	Locktab washer		2
16	79501123	Spindle lockwasher		2
17	79502461	Spindle nut		2
18	HM212011T1M	Outer bearing (cup) TN		2
	HM212049T1M	Outer bearing (cone) TN		2
19	49SHM14150050	Rotor mounting bolt M14 x 50	10 x 335 hub	20
	49SHM14150055	Rotor mounting bolt M14 x 55	10 x 285 / 8 x 275 hubs	20
20	7950291701	Wheel nut M22 ISO		20
21	79SB787326100	Steel hub 8 x 275 PCD		2
	79787328	Steel hub 10 x 285 PCD		2
	79SB787348100	Steel hub 10 x 335 PCD		2
22	79792155	Wheel stud SAE M22 x 100mm		16 / 20
	7979215601	Wheel stud SAE M22 x 117mm	Optional	16 / 20

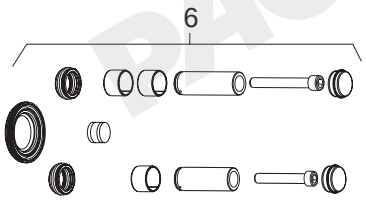
2980 PAN 19 DISC AXLES CONTINUED



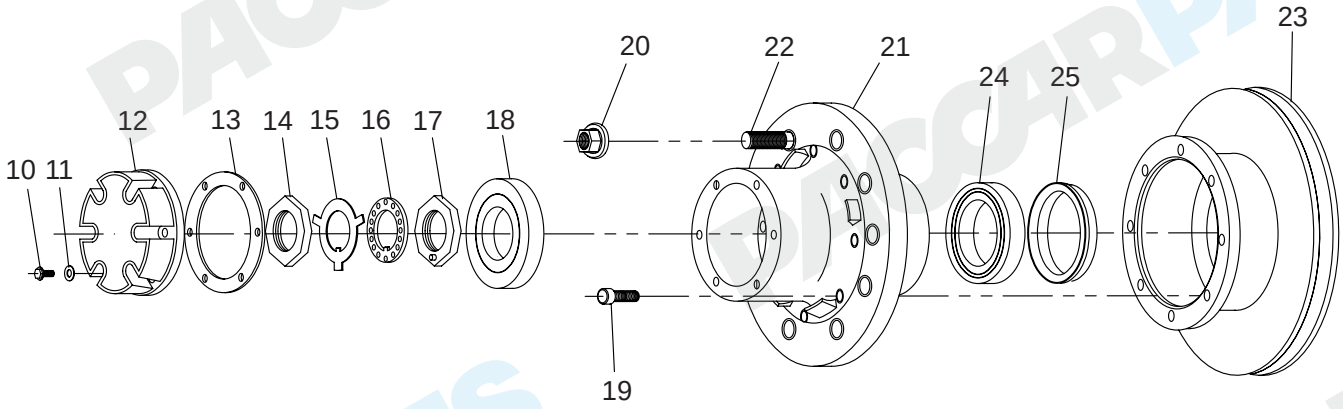


Pad set (1 axle)





Seal and guide pin kit (1 caliper)



2980 PAN 19 DISC AXLES CONTINUED

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
23	79787412	Disc brake rotor - dia 375 ABS		2
	NA	Disc brake rotor - dia 375 non ABS		2
		Disc brake rotor ABS (old style)		2
24	HM218210T1M	Inner bearing (cup)		2
	HM218248T1M	Inner bearing (cone)		2
25	79786114	Hub seal		2
26	79787406	ABS sensor mounting bush		2
27	79560464	ABS sensor pole bush		2
28	79787407	ABS sensor straight cable		2
NS	79787357	ABS pole sleeve 100 tooth suits old rotor		2
	79787331	Brake caliper mounting bracket		2
KIT PART NUMBER LISTING				
KIT	79ABS002	ABS sensor pole kit		1
	79787366	Offset brake booster mount kit		1

AXLE & SUSPENSION IDENTIFICATION

AIR SUSPENSION SYSTEM, TYPE INTRA

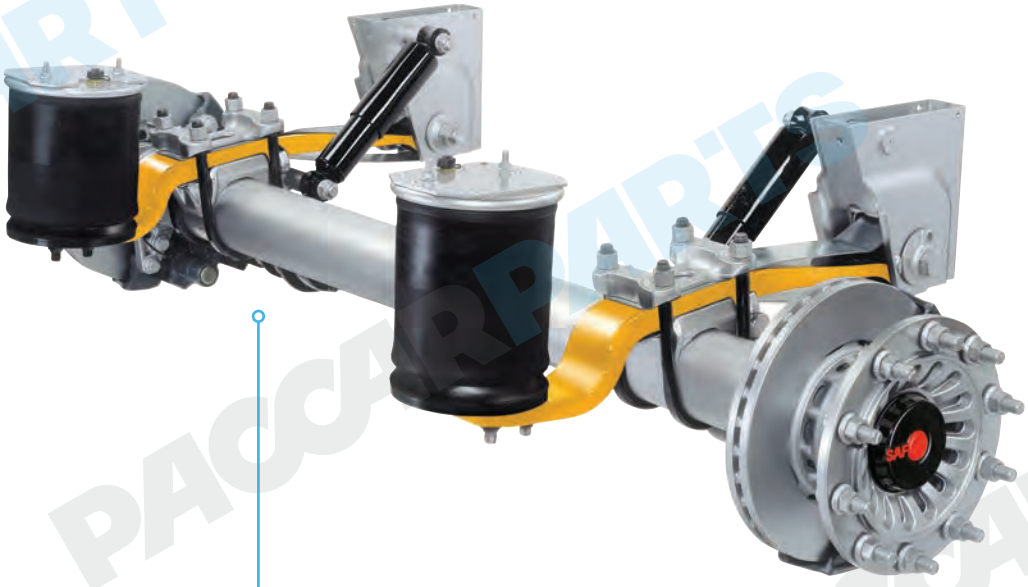
Intra suspension is connected to the axle by brackets.

The axle type designation (Version), identification number & serial number (see type plate) are required for the warranty procedure.



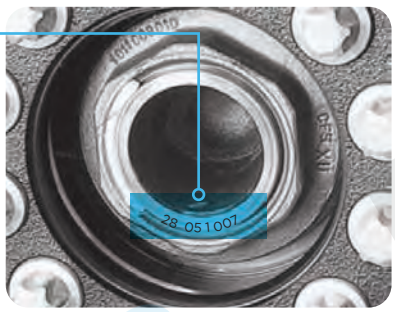
AIR SUSPENSION SYSTEM, TYPE MODUL

Modul suspension is connected to the axle by U-Bolts.





Identification if the type plate is missing: The Serial No. of the axle is embossed in the axle end on the right-hand side (as seen in the direction of travel)



NOTES

AXLE & SUSPENSION IDENTIFICATION 178

AXLE IDENTIFICATION 179

Z9-4218 NG AXLE 180
DUAL WHEELS - 420 x 180mm BRAKES

Z9-3720 184
DUAL WHEELS - 367 x 200mm BRAKES

J-SERIES RZT 12242/18C & RZT 10242/18C AXLES 188
SPIDER HUB - 420 x 180mm BRAKES

J-SERIES RZ 12242/18C AXLE 192
STUD HUB (10 x 285) - 420 x 180mm BRAKES

ZI9-19W 196
DUAL WHEELS (INTEGRAL - PAN 19)

ZIL9-19W - OVERSLUNG STEER AXLE 198
DUAL WHEELS (PAN 19)

ZIL9-19W - UNDERSLUNG STEER AXLE 202
DUAL WHEELS (PAN 19)

ZI9-22K01 206
DUAL WHEELS (SK7)

AXLE IDENTIFICATION

When ordering spare parts quote correct axle identification & serial no., refer to the axle type plate.

Please provide the following information from the type plate (as below) to ensure correct parts are ordered.



AXLE SERIAL NUMBER CODE (UP TO JULY 2009)	
The serial number looks like this: DDDYYXNNN	
DDD	production day
YY	production year
X	site
NNN	running number per day, year & site

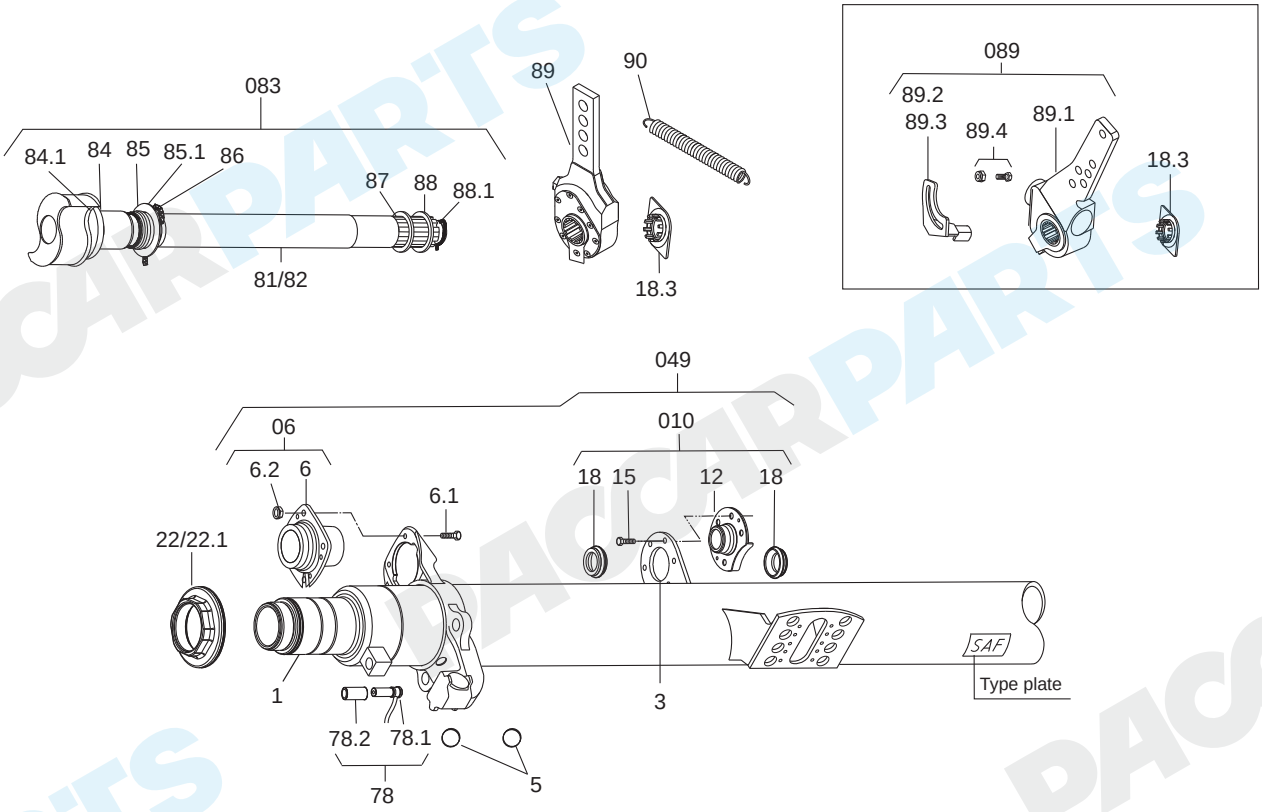
AXLE SERIAL NUMBER CODE (FROM JULY 2009)	
The serial number looks like this: XX YY DDD NNNN	
XX	site
YY	production year
DDD	production day
NNN	running number per day

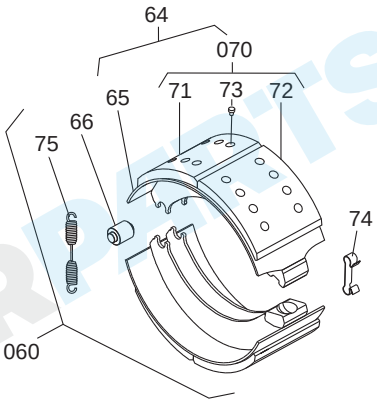
SAF "SKR... AXLE TYPE CODES		
XXXXX 0000XX	Axle Type/Generation	SKR = Super Compact Bearings Round Axle
XXX**X**X 0000XX	Axle Type	(-) = Rigid axle L = Self-steer axle
XXXX**X** 0000XX	Tyres/Wheels	S = Single wheels without offset B = Single wheels with offset Z = Twin wheels
XXXXX **00**00XX	Axle Load Capacity	90 = 9 tonnes load capacity 11 - 11 tonnes load capacity
XXXXX 00**00**XX	Brake Size	30 = Drum diameter 300 mm 37 = Drum diameter 367 mm 42 = Drum diameter 420 mm 19 = Disc brake for 19.5" tyres (Rotor dia. 377 mm) 22 = Disc brake for 22.5" tyres (Rotor dia. 430 mm)
XXXXX 0000**XX**	Additional Information	W = Wabco caliper classic disc brake rotor WI = Wabco caliper INTEGRAL disc brake rotor K = Knorr caliper classic disc brake rotor KI = Knorr caliper INTEGRAL disc brake rotor

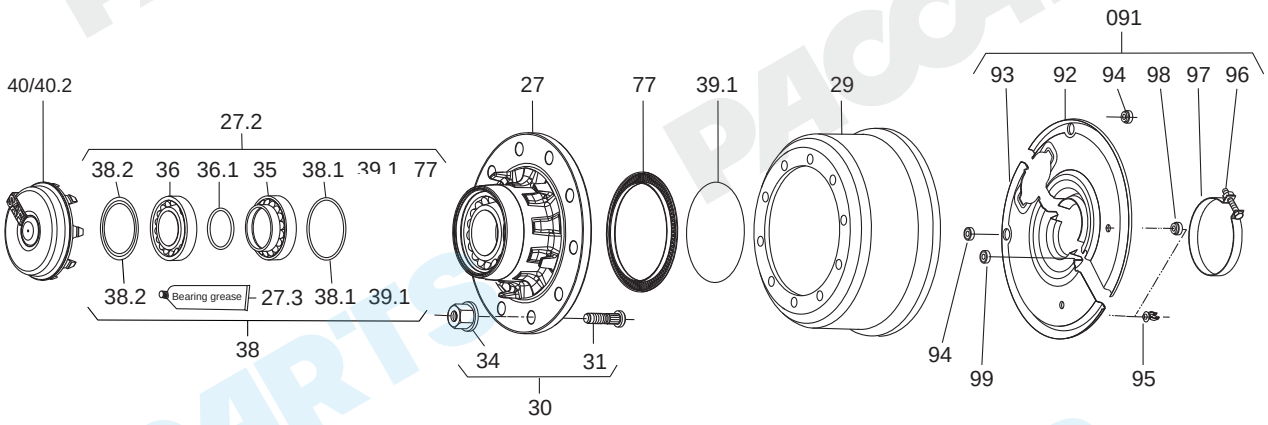
NEW TYPE CODES FOR THE NEW AXLE GENERATION WITH DISC BRAKES		
XXX0-0X0	Tyres/Wheels	S = Single wheels without offset B = Single wheels with offset Z = Twin wheels
X**X**X0-0X0	Type of Brake Disc	I = INTEGRAL technology (-) = Conventional brake disc
XX**X**0-0X0	Type of Axle	(-) = Rigid axles NL = Self-steering axles VL = Self-steering axles ZL = Steering axles, twin wheels
XXX**0**-0X0	Axle Load	9 = 9 tonnes axle load 11 = 11 tonnes axle load
XXX0-**0**X0	Brake Size	19 = 19.5" disc brake 22 = 22.5" disc brake
XXX0-0**X**0	Brake Manufacturer	K = KNORR W = WABCO
XXX0-0X**0**	Brake Generation	(-) 01

NEW TYPE CODES FOR THE NEW AXLE GENERATION WITH DRUM BRAKES		
XX0-00	Tyres/ Wheels	S = Single wheels without offset B = Single wheels with offset Z = Twin wheels
X**X**0-00	Type of Axle	(-) = Rigid axles L = Self-steering axles ZL = Steering axles, twin wheels
XX**0**-00	Axle Load	9 = 9 tonnes axle load 11 = 11 tonnes axle load
XX0-**0**0	Drum Diameter	30 = 300 mm 37 = 367 mm 42 = 420 mm
XX0-0**0**	Brake Shoe Width	15 = 150 mm 18 = 180 mm 20 = 200 mm

Z9-4218 NG AXLE
DUAL WHEELS - 420 x 180mm BRAKES





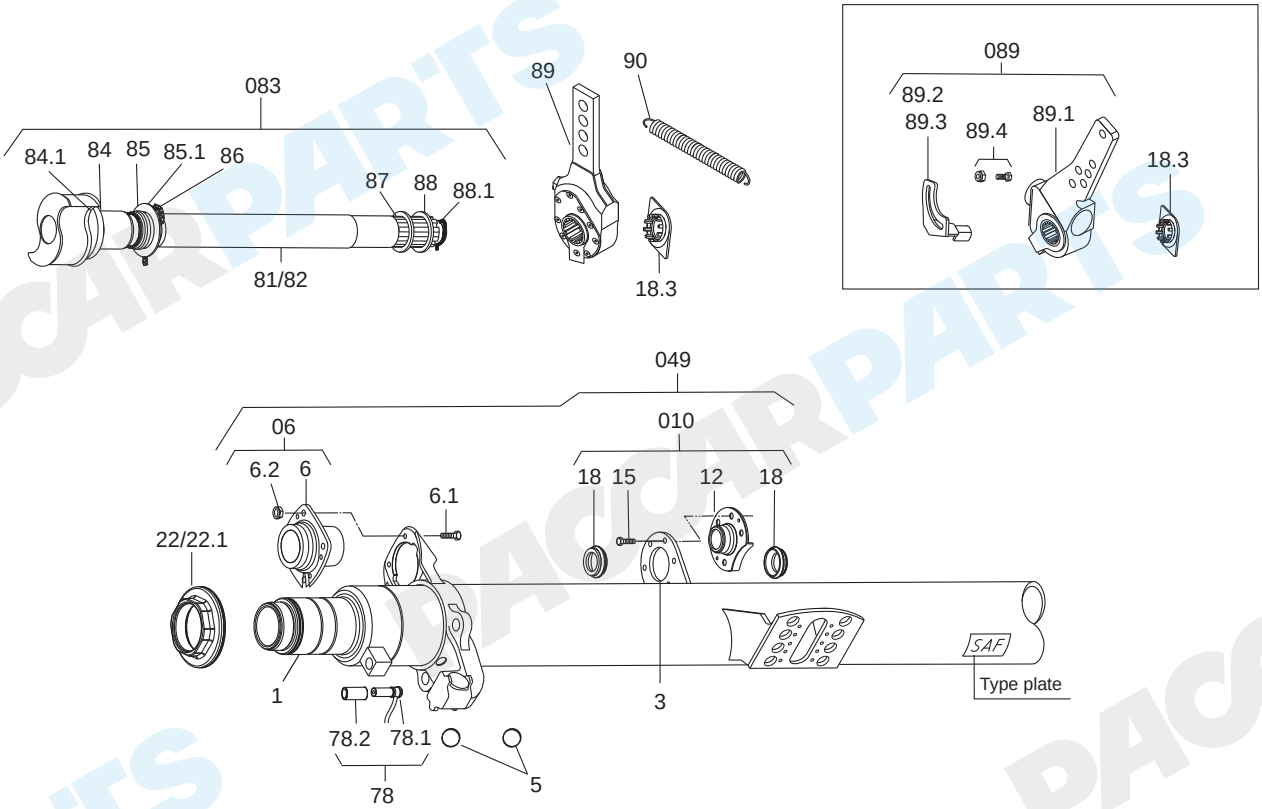


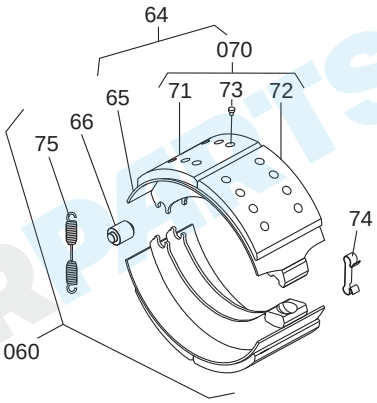
Z9-4218 NG AXLE
DUAL WHEELS - 420 x 180mm BRAKES

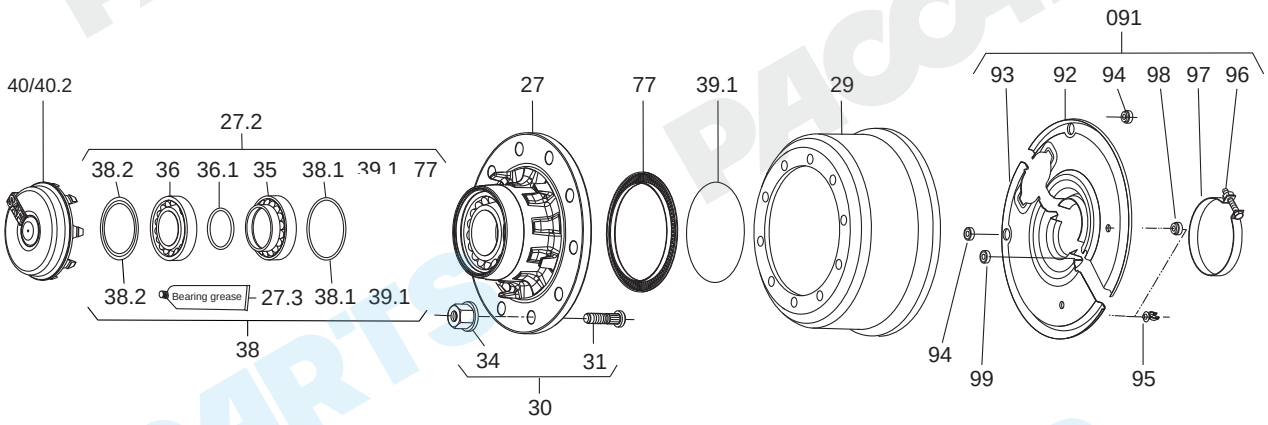
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	I0Z094218-3	Intradrum - 10 x 335 PCD Overslung	Beam PN 3516012600	1
	IUZ094218-3	Intradrum - 10 x 335 PCD Underslung	Beam PN 3516014900	1
	I0Z094218-8	Intradrum - 10 x 285 PCD Overslung	Beam PN 3516012600	1
	IUZ094218-8	Intradrum - 10 x 285 PCD Underslung	Beam PN 3516014900	1
3	NA	Spherical Mounting Plate		2
NS	4337202800	Rubber Plug - ABS		2
5	4199100200	Anchor Ball 40 mm		4
6.1	4051700110	Bolt M8 x 25		8
06	3268005000	S-Cam Bush Kit	SNK 420 / 367 (Incl. Pos. 6 & 6.2)	2
010	3268004700	Inner S-Cam Bush Kit	(Incl. Pos. 12-18)	2
18.3	4187001000	Wear Indicator - S-Cam		2
22	1011008600	Hub Nut M75 x 1.5 - RH		1
22.1	1011008500	Hub Nut M75 x 1.5 - LH		1
27	3307305200	Hub Unit - Intradrum - 10 x 335 PCD		2
	3307305700	Hub Unit - Intradrum - 10 x 285.75 PCD		2
27.2	3434301918	Bearing & Seal Kit		1
29	1064026002	Brake Drum - Ø420 x 180 - 10 x 335 PCD		2
	1064029800	Brake Drum - Ø420 x 180 - 10 x 285.75 PCD		2
30	NA	Wheel Bolt & Nut Kit	Use item no 31 / 34	1
31	1303111210	Wheel Bolt M22 x 1.5 x 112		20
34	42473012015	Wheel Nut M22 x 1.5 x 27		20
38	3434302500	Seal & Grease Kit	(Incl. Pos. 27.3, 36.1, 38.1, 38.2, 39.1 & Grease)	1
39.1	4315007500	O-Ring - Ø92 x 4		2
40	3304010201	Hubcap - With O-Ring		2
	4315008200	Hub Cap O-Ring		1
	4373004700	Outer Seal		1
40.2	4304010301	Hubcap For Hubodometer - with O-Ring		2
049	3434365200	Camshaft Repair Kit	Includes 010 & 06	2
060	3434365300	Full Brake Kit - Ø420 x 180	4x Lined Shoes, 2x springs, 2x clamps	1
64	3055012000	Brake Shoe Assembly - With Lining		4
66	1265001900	Cam Roller		4
070	3055012000	Brake Lining Kit	(Incl. Pos. 71-73)	2
74	1151000800	Retaining Clamp		2
75	1447005801	Return Spring		2
77	4029107000	ABS Pole-Wheel - 90		2
78	3029023100	ABS Kit	(Incl. Pos. 78.1, 78.2 & Renolit paste)	2
81	2262111502	S' Cam LH - 698 mm		1
82	2262111402	S' Cam RH - 698 mm		1
083	3317001600	Camshaft Replacement Kit	(Incl. Pos 84-88.1)	2
89	4175031400	Manual Slack Adjuster		2
89.2	4018006301	Bracket Anchor LH		1
89.3	4018006401	Bracket Anchor RH		1
089	3434350202	Auto-Slack Adjuster Kit	(Incl. Pos. 89.1-89.4 & 18.3)	1
90	1447003600	Return Spring		2
091	3005017300	Dust Cover Pair	(Incl. Pos. 92-94 & 96-99)	2

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

Z9-4218 NG AXLE CONTINUED
DUAL WHEELS - 420 x 180mm BRAKES



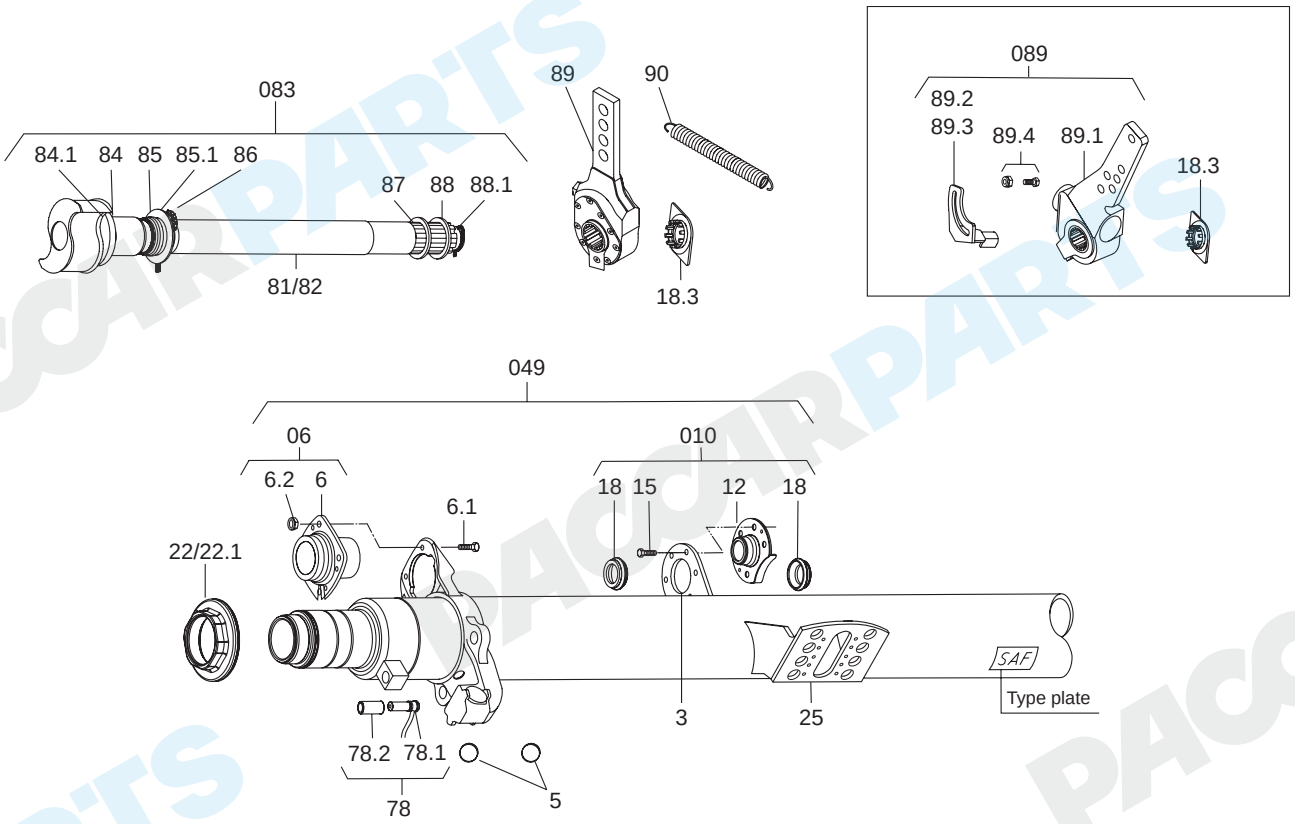


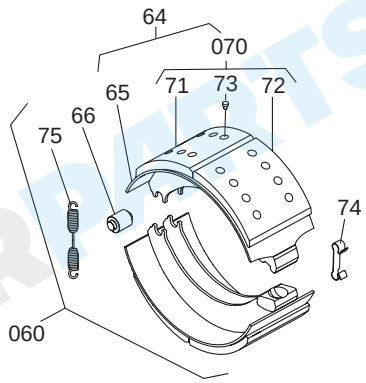


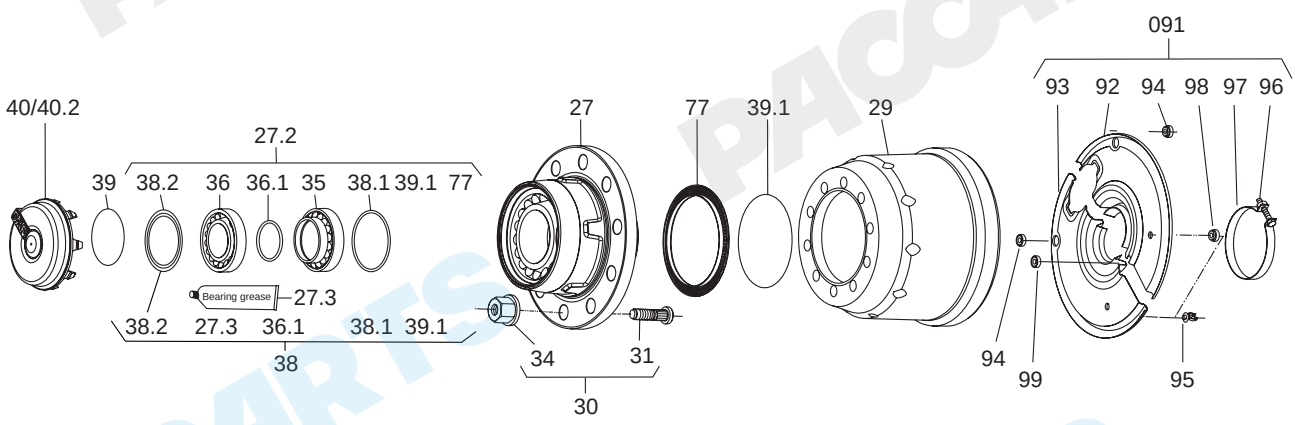
Z9-4218 NG AXLE CONTINUED
DUAL WHEELS - 420 x 180mm BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
95	NSS	Cable Clip		2
TOOL	4434382200	Universal Hub Puller		1
	5387004203	SAF Fitting Paste	(To be applied on spindles)	1
	4434382800L	Hub Nut Socket (SW85mm) For NG Axles (2501880)		1

Z9-3720
DUAL WHEELS - 367 x 200mm BRAKES







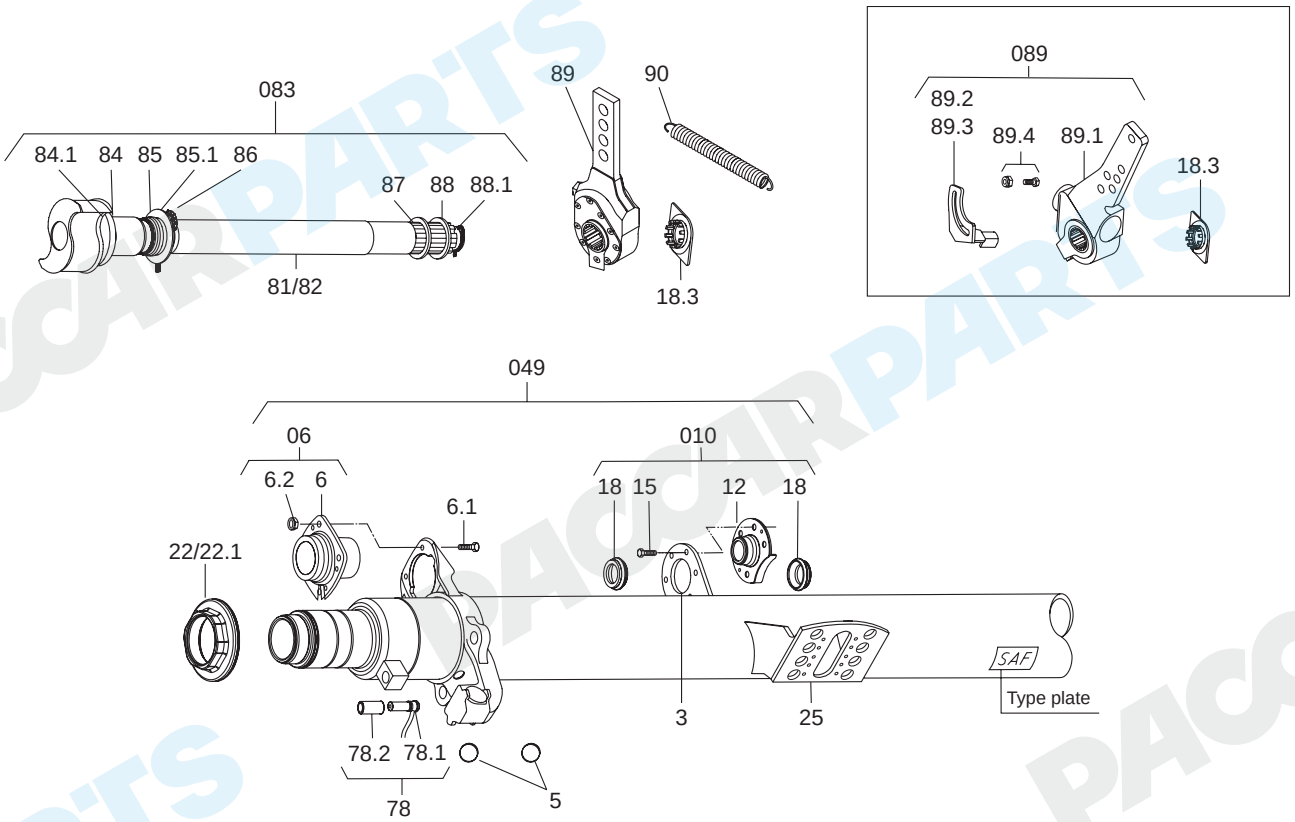
Z9-3720
DUAL WHEELS - 367 x 200mm BRAKES

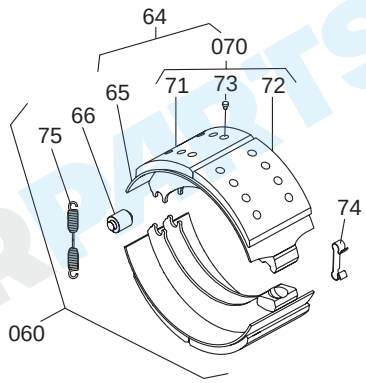
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
3	NSS	Spherical Mounting Plate	SNK 367	2
5	4199100200	Anchor Ball - 40mm	Ø40	4
6	NSS	Camshaft Bearing	SNK420 / 367	2
6.1	4051700110	Bolt	M8 x 25	8
6.2	NSS	Safety Flange	M8-10	8
06	3268005000	Compact Cam Bearing Anchor Bracket	SNK420 / 367	2
010	3268004700	Compact Cam Bearing Anchor Bracket	Incl. 12-18	2
12	NSS	Camshaft Bearing		2
15	NSS	Screw	M8 x 22-KL90	10
18	4131000800	Bellow (Knorr) - Rubber Boot	Ø60 / 36, 6 x 17	4
18.3	4187001000	Wearing Gauge		2
22	1011008500	Axle Nut Left	M75 x 1,5 / SW85	1
22.1	1011008600	Axle Nut Right	M75 x 1,5 / SW85	1
25	NSS	Brake Cylinder Support		2
27	3307305001	Hub Unit - 8 Stud 275PCD	TK275 / 8	2
27.2	3434402100	Repair Kit Hub Unit	Includes 35, 36, 36.1, 38.1, 39.1, 77 & grease	2
27.3	NSS	Grease	LiLube Expert	2
29	1064027700	Brake Drum	260H / 367 / 8-23 TK275	2
30	3302114500	Wheel Bolt & Nut Kit	M22 x 1, 5 x 31h SW32 Incl. Pos. 31 & 34	16
31	1303107512	Wheel Bolt	M22 x 1, 5 x 93	16
34	42473012015	Wheel Bolt Nut	M22 x 1, 5 x 27H/SW32	16
35	NSS	Roller Bearing	B/S/Z-Series	2
36		Roller Bearing	B/S/Z-Series	2
36.1		Holding Ring		2
38	3434302500	Seal & Grease Kit	(Incl. Pos. 27C, 36A, 38A, 38B, 39A & Grease)	2
38.1	NSS	Sealing Ring (Outside)	Ø112 / 138, 5 x 6	2
38.2		Sealing Ring (Inside)	Ø112 / 138, 5 x 11	2
39		O-Ring	Ø139, 07 x 5, 33	2
39.1	4315007500	O-Ring	Ø92 x 4	2
40	3304010201	Hub Cap Incl. O-Ring	S/Z/ZI/BI	2
40.2	3304010301	Wheel Cap Assembly & Hubodometer	S/Z/ZI/BI	2
049	3434365200	Repair Kit Camshaft Bearing	Includes 06 & 010	1
060	NA	Brake Kit	Refer item 64	1
64	3055012800	Brake Shoe Assembly With Linings	SNK 367 x 200	4
66	1265001900	Cam Roller	Ø36, 2 x 53	4
70	NSS	Brake Lining Kit	SNK 367 x 200	1
71		Brake Lining		4
72		Brake Lining		4
73		Rivet Kit	B8X15	1
74	1151000800	Spring Clamp	SNK 367 / 420	2
75	1447005801	Return Spring	Ø32, 8 x 232	2
77	4029107000	Exciter Ring	90 teeth	2
78	3029023100	ABS / Wabco - Modul		2
78.1	NSS	Sensor - Modul		2
78.2	4029101300	Clamping Bush		2
81	2262110902	'S' Cam LH	669 mm	1

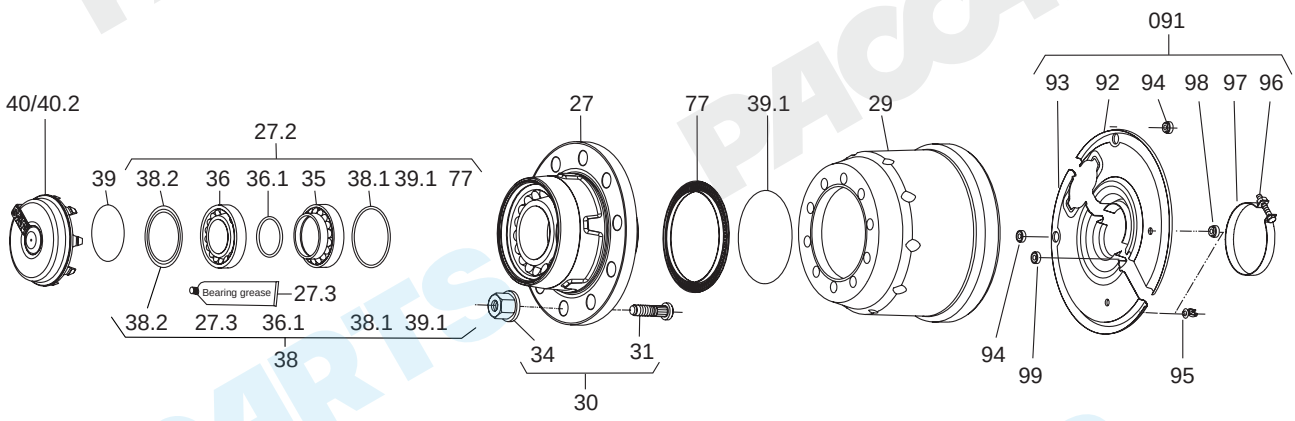
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

Z9-3720 CONTINUED

DUAL WHEELS - 367 x 200mm BRAKES



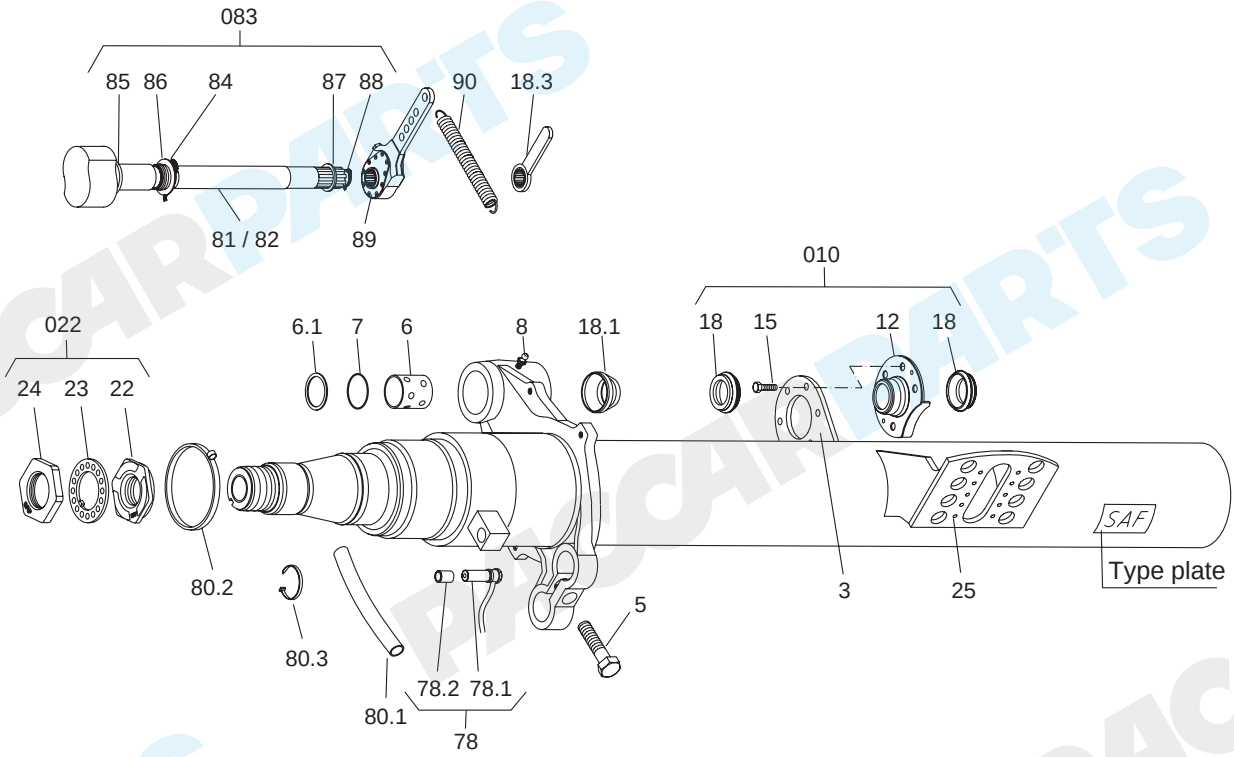


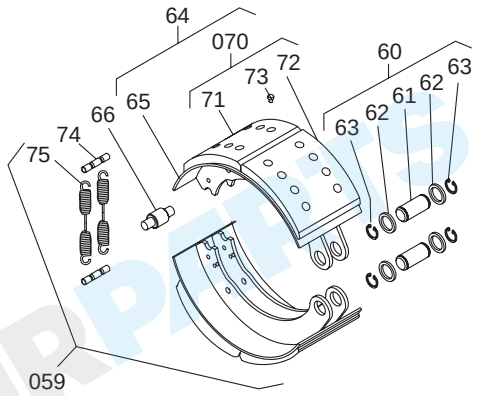


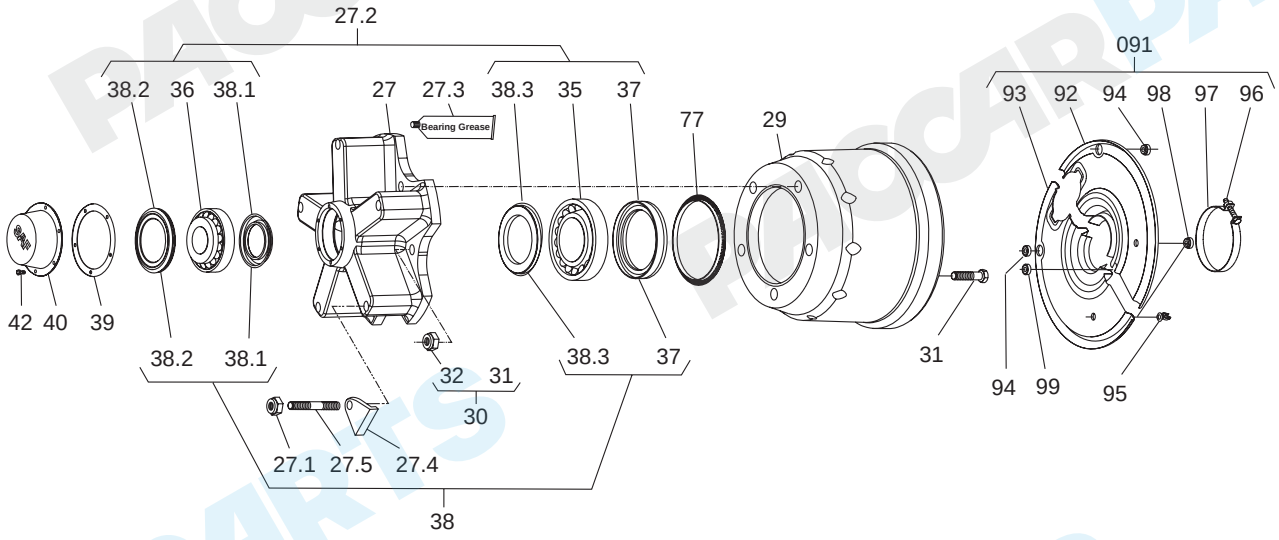
Z9-3720 CONTINUED
DUAL WHEELS - 367 x 200mm BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
82	2262110802	'S' Cam RH	669 mm	1
083	3317001600	Repair Kit Camshaft	(Incl. Pos 84-88.1)	2
84	NSS	O-Ring	Ø45 x 4	2
84.1		Spacer	52, 5 / 46, 7 x 4	2
85		Disc Spring	Ø63 / 43 x 1, 75	2
85.1		Shaft Seal	Ø45 x 60 x 7	2
86		Spring Clamp	Ø39	2
87		Washer (Knorr)	Ø51 / 38, 8 x 1, 5	2
88		Washer (Knorr)	Ø51 / 28, 1 x 1, 5	6
88.1		Spring Clamp	Ø23	2
89	2175029400	Manual Slack Adjuster		2
89.1	3434350202	Auto Slack Adjuster	S-ASA5 (kit of 2 ASA)	2
89.2	NSS	Anchor Bracket Left		1
89.3	NSS	Anchor Bracket Right		1
89.4	3341102200	Screw Assembly	M8 x 30	4
089	NA	Automatic Slack Adjuster Assembly		2
90	1447003700	Return Spring	Ø25, 8 x 2, 8 x 148	2
091	3005017100	Dust Shield Assembly	Includes item 92-99	2
92	NSS	Dust Shield Left		2
93	NSS	Dust Shield Right		2
94	4337200801	Protecting Cap (Wabco)	Ø31, 75 x 9, 52	4
95	NSS	Cable Holder		2
96	4343107588	Screw	M8 x 40	2
97	4194202500	Band Clamp	Ø130 x 20	2
98	4337202700	Protecting Cap		4
99	4177301800	Rubber Funnel ABS	Ø18 x 8	2

J-SERIES RZT 12242/18C & RZT 10242/18C AXLES
SPIDER HUB - 420 x 180mm BRAKES







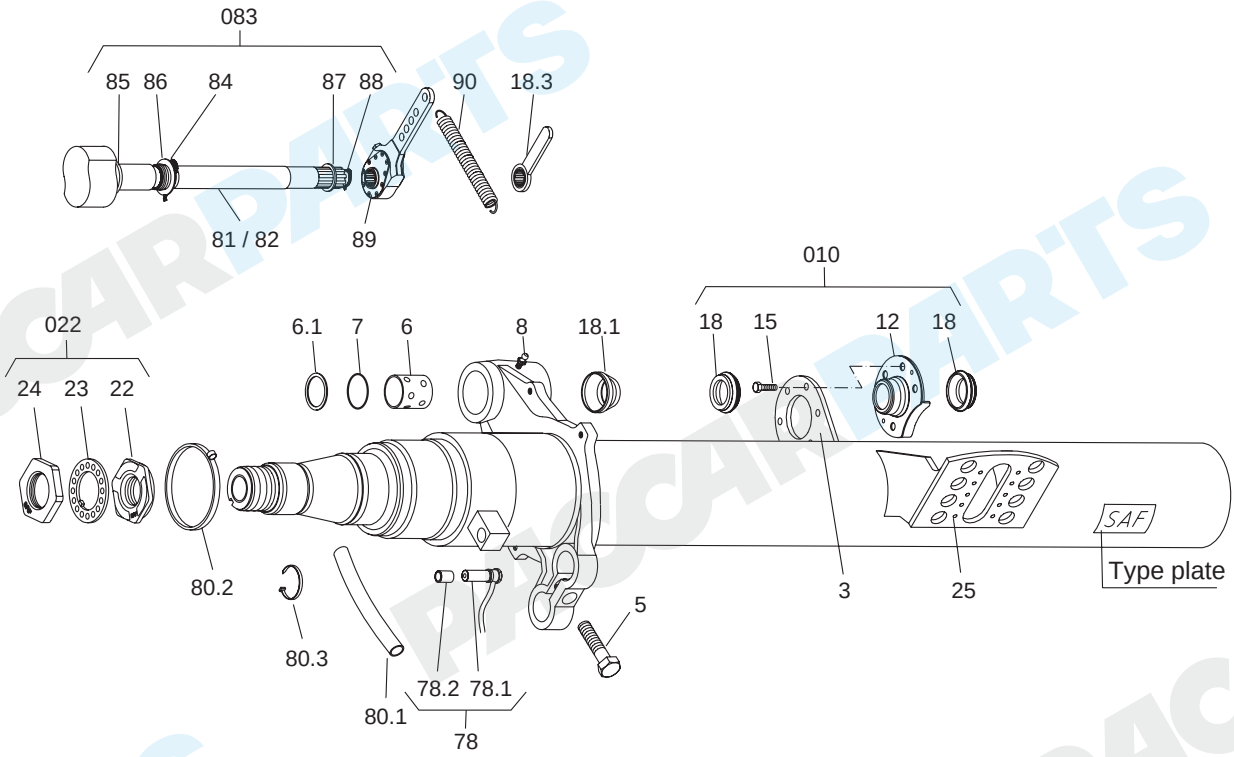
J-SERIES RZT 12242/18C & RZT 10242/18C AXLES
SPIDER HUB - 420 x 180mm BRAKES

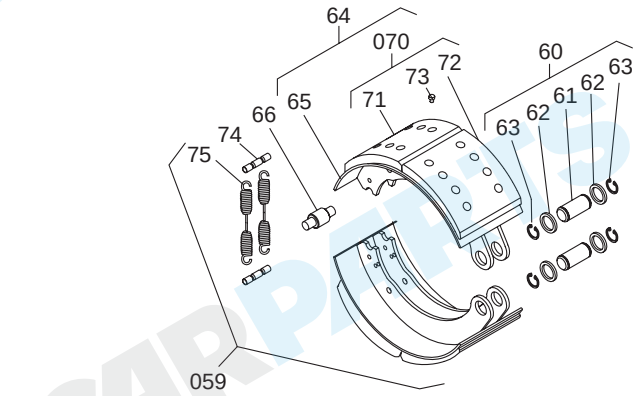
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
5	4343290400	Bolt M16, Self Locking		2
6	1230010604	Camshaft Bronze Bush		2
6.1	1094003400	Spacer Ring		2
7	4315004800	O-Ring		2
8	4201000500	Grease Nipple M10		4
010	3268004700	Camshaft Bush & Bearing Kit	(Incl. 12, 15, 18)	2
12	NSS	Camshaft Bush Unit	Also Contained in Kit 010	2
15	NSS	Screw, Self Locking M8		10
18	4131000800	Rubber Boot		4
18.1	1173300200	Rubber Boot		2
18.3	4187000900	Wear Indicator		2
022	3011004001	Axle Nut Kit	(Incl Pos 22-24)	2
22	1011004002	Inner Axle Nut - M56 x 2, Socket 85		2
23	1345000801	Retaining Washer	Star Lock Tab Washer 2501690	2
24	4011003901	Outer Axle Nut - M56 x 2, Socket 85		2
27	1398005600	Hub - 5 Spoke		2
27.1	4342290300	Nut - Wheel Clamp - ¾"		10
27.2	3434301600	Bearing Kit	(Incl Pos 27.3, 35, 36, 37 & 38.1-38.3)	2
27.3	5387001105	Bearing Grease		2
27.4	4398401000	Clamp		10
27.5	1051104400	Stud - ¾"		10
29	1064030600	Brake Drum, 420 x 180 - 208 LG - 5-Spoke		2
30	3341292419	Wheel Bolt & Nut Kit	(Incl Pos 31-32)	20
31	NSS	Wheel Bolt - Intermediate (For Alloy & Steel Wheels) M22 x 1.5 x 112	Contained in Kit 30	20
32	NSS	Nut ¾"	Contained in Kit 30	10
35	4200100600	Inner Wheel Bearing 218 248 / 210		2
36	4200006000	Outer Wheel Bearing 33213		2
37	4373003501	Hub Seal		2
38	3434301700	Bearing Seal Kit	(Incl Pos 27.3, 37, & 38.1-38.3) For one wheel only	2
38.1	1337004000	Sleeve Ø106 x 66 x 15		2
38.2	1092200100	Seal Ø127 x 86 x 12		2
38.3	1092200200	Seal Ø143 x 95 x 9		2
39	1093000500	Gasket		2
40	1304001600	Hub Cap		2
NS	4337202601	Plug		2
42	4343291888	Screw 5/16" - 18 x 20		12
059	NA	Brake shoe & lining kit SNF Ø420 x 180	(Incl. 60, 64 & 75)	
60	3213002301	Anchor Pin Kit	(Incl Pos 61-63)	4
61	NSS	Anchor Pin	Contained in Kit 60	4
62		Anchor Pin Washer		8
63		Anchor Pin Circlip		8
64	3055013300	Brake Shoe Assembly	with linings (Incl Pos 65-74)	4
65	NSS	Brake Shoe - Metal Part	Avl as Item 64	4
66	1265002100	Camshaft Roller		4

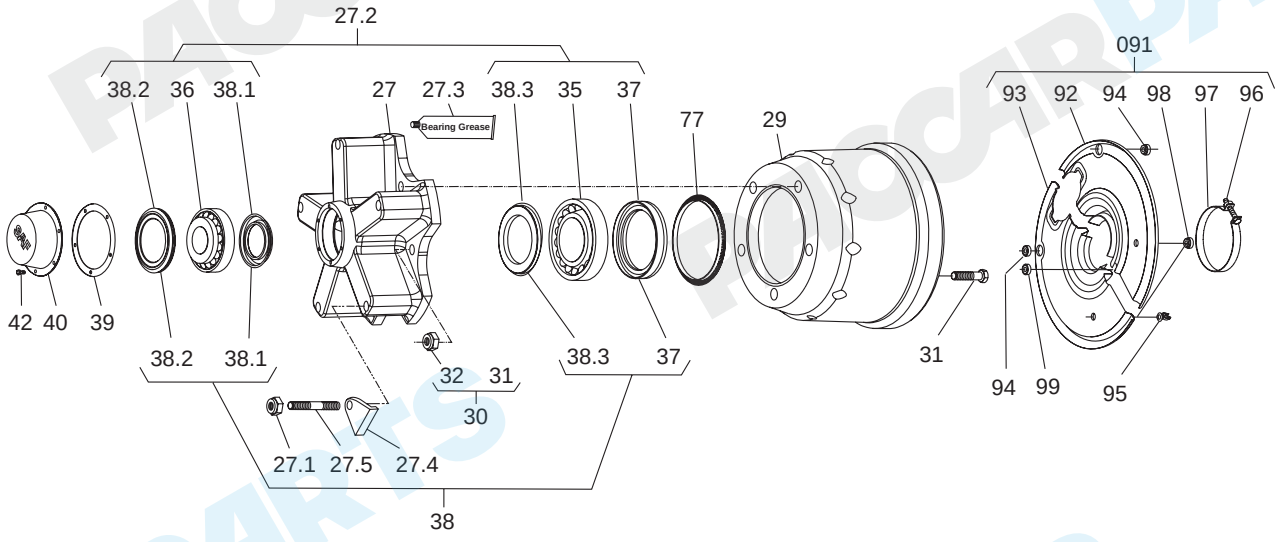
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

J-SERIES RZT 12242/18C & RZT 10242/18C AXLES CONTINUED

SPIDER HUB - 420 x 180mm BRAKES



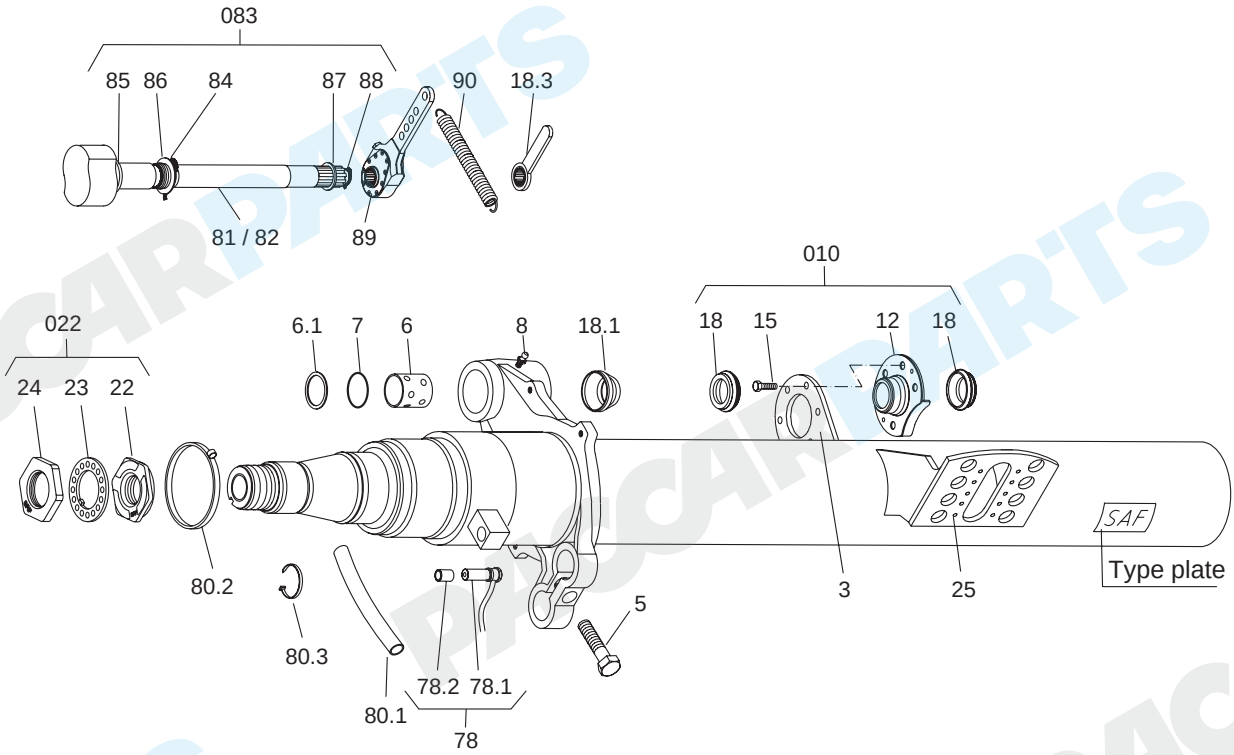


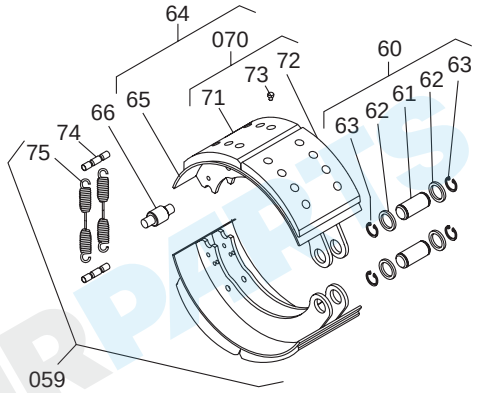


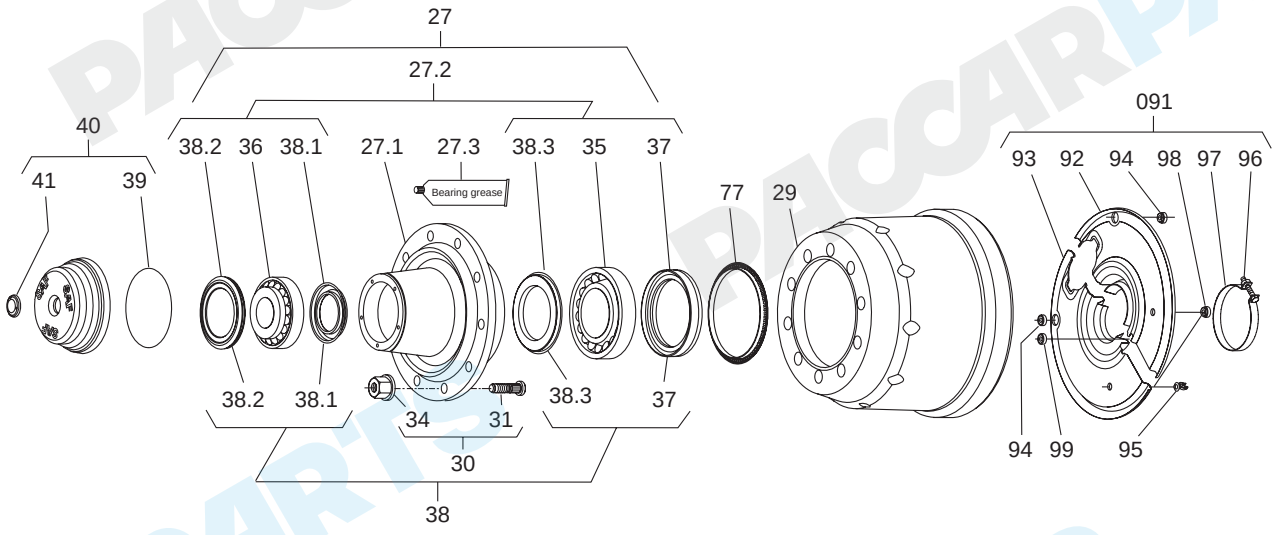
J-SERIES RZT 12242/18C & RZT 10242/18C AXLES CONTINUED
SPIDER HUB - 420 x 180mm BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
070	NSS	Brake Lining Kit	Avl as Item 64	1
71 & 72		Linings (OEM Thickness of 17.5mm)		8
73		Rivet Kit (Incl. 80ea of B8X15)		1
74	1395100500	Retaining Pin		4
75	1447003800	Return Spring		4
77	NA	Pole Ring ABS, 100		2
78	3029023100	ABS Sensor Kit (Incl. Sensor, Sleeve & Paste)		2
80.1	NA	Cable Protecting Hose		2
80.2		Band Clamp		2
80.3		Fastener Ring		2
81	2262026902	'S' Cam LH, 668mm		1
82	2262027002	'S' Cam RH, 668mm		1
083	3317000400	Camshaft Replacement Kit	(Incl Pos 84-88)	2
84	NSS	Circlip	Contained in Kit 083	2
85		Washer, Ø60 / 38.2 x 1.75		2
86		Spring Washer		2
87		Washer, Ø51 / 38.8 x 1.5		12
88		Circlip		2
89	2175030600	Manual Slack Adjuster Ø12.7 Sleeve Dia		2
90	1447003600	Return Spring		2
091	3005021900	Dust Shield Pair	(Incl Pos 92-94 & 96-99)	2
92	NSS	Dust Cover, LH	Contained in Kit 091	2
93		Dust Cover, RH		2
94		Plug, Lining Inspection		4
95	NA	Cable Clip		2
96	4343107588	Screw, M8 x 40		2
97	4194202500	Band Clamp		2
98	4337202700	Plug		4
99	4177301800	Grommet		2

J-SERIES RZ 12242/18C AXLE
STUD HUB (10 x 285) - 420 x 180mm BRAKES







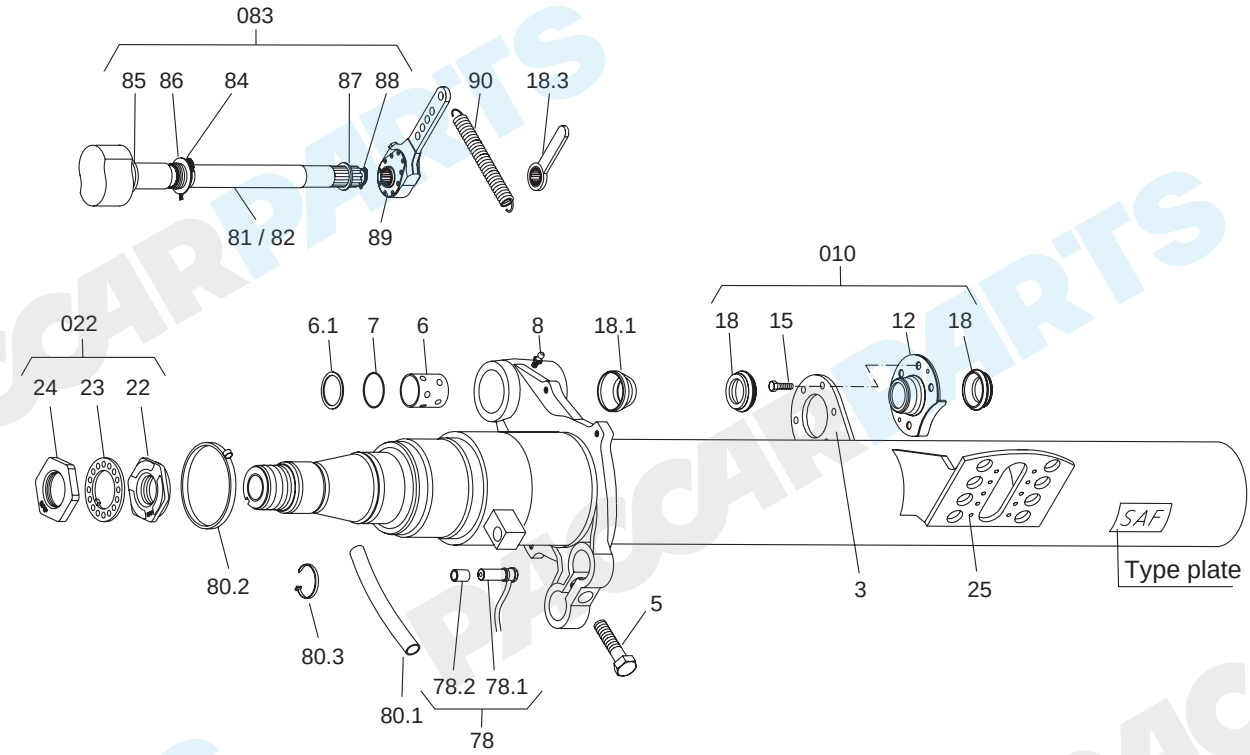
J-SERIES RZ 12242/18C AXLE
STUD HUB (10 x 285) - 420 x 180mm BRAKES

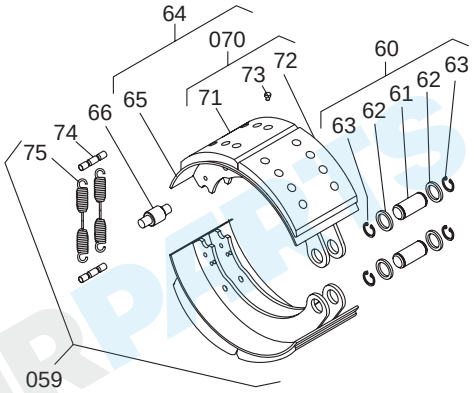
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
5	4343290400	Bolt M16, self-locking		2
6	1230010604	Camshaft bronze bush		2
6.1	1094003400	Spacer ring		2
7	4315004800	O-Ring 38		2
8	4201000500	Grease nipple M10		4
010	3268004700	Camshaft bush & bearing kit	(Incl. 12-18)	2
12	NSS	Camshaft bush unit	Also Contained in Kit 010	2
15	NSS	Screw, self-locking	Also Contained in Kit 010	10
18	4131000800	Rubber boot		4
18.1	1173300200	Rubber boot		2
18.3	4187000900	Wear indicator		2
22	1011004002	Inner axle nut - M56 x 2, Socket 85		2
022	3011004001	Axle nut kit	(Incl. 22-24) Req star washer in addition to kit	2
23	1345000801	Retaining washer		2
24	4011003901	Outer axle nut - M56 x 2, Socket 85		2
27	3307303900	Hub assy - RZ 12242 - K2 - 10 x 285.75PCD		2
27.2	3434301600	Bearing & seal kit	(Incl. Pos. 27.3, 35, 36, 37 & 38.1-38.3)	2
27.3	5387001105	Bearing grease		2
29	1064030500	Brake drum, 420 x 180 - 262 lg - 10 x 285.75 PCD		2
30	3302114500	Wheel bolt & nut kit	(Incl. Pos. 31 & 34)	20
31	1303107512	Wheel bolt - 112 lg. - intermediate (for alloy & steel wheels)		20
34	33272215	Wheel nut - M22 x 1.5 - 27lg - Socket 33		20
	4247301201S	Wheel nut - M22 x 1.5 - 27lg - Socket 32		20
35	4200100600	Inner wheel bearing		2
36	4200006000	Outer wheel bearing		2
37	4373003501	Hub seal		2
38	3434301700	Seal kit	(Incl. Pos. 27.3, 37 & 38.1-38.3)	2
38.1	1337004000	Sleeve - Ø106 x 66 x 15		2
38.2	1092200100	Seal - Ø127 x 86 x 12		2
38.3	1092200200	Seal - Ø143 x 95 x 9		2
39	4315006400	O-Ring - Ø148 x 4		2
40	3304008600	Hub cap assy	(Incl. Pos. 39 & 41)	2
41	4337202601	Plug		2
059	NA	Brake shoe & lining kit SNF Ø420 x 180	(Incl. 60, 64 & 75)	2
60	3213002301	Anchor pin kit	(Incl. Pos. 61-63)	4
61	NSS	Anchor pin	Contained in Kit 60	4
62		Washer		8
63		Circlip		8
64	3055013300	Brake shoe assembly (with linings)	(Incl. Pos. 65-74)	4
65	2056012000	Brake shoe - metal part		4
66	1265002100	Camshaft roller		4
070	3057391200	Brake lining kit	(Incl. Pos. 71-73)	1
73	NSS	Rivet kit	(Incl. 80ea of B8x15)	1
74	1395100500	Retaining pin		4
75	1447003800	Return spring		4

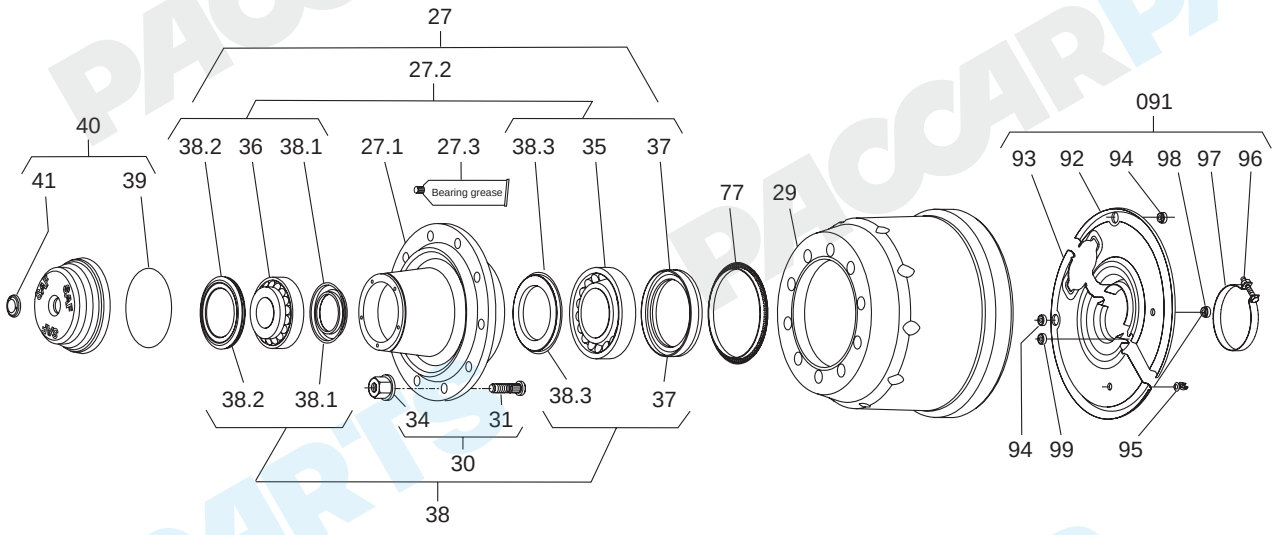
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

J-SERIES RZ 12242/18C AXLE CONTINUED

STUD HUB (10 x 285) - 420 x 180mm BRAKES



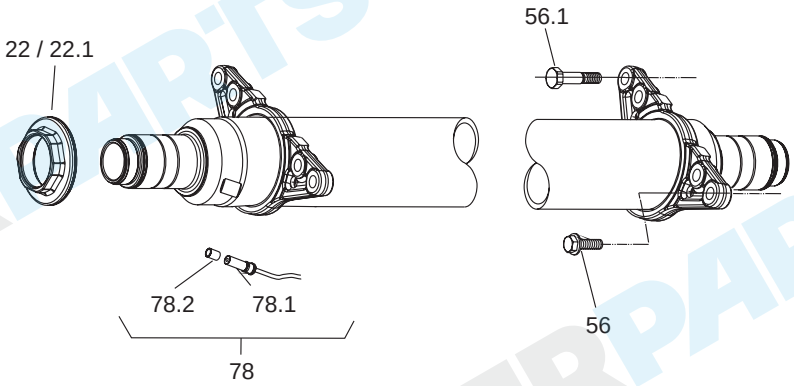


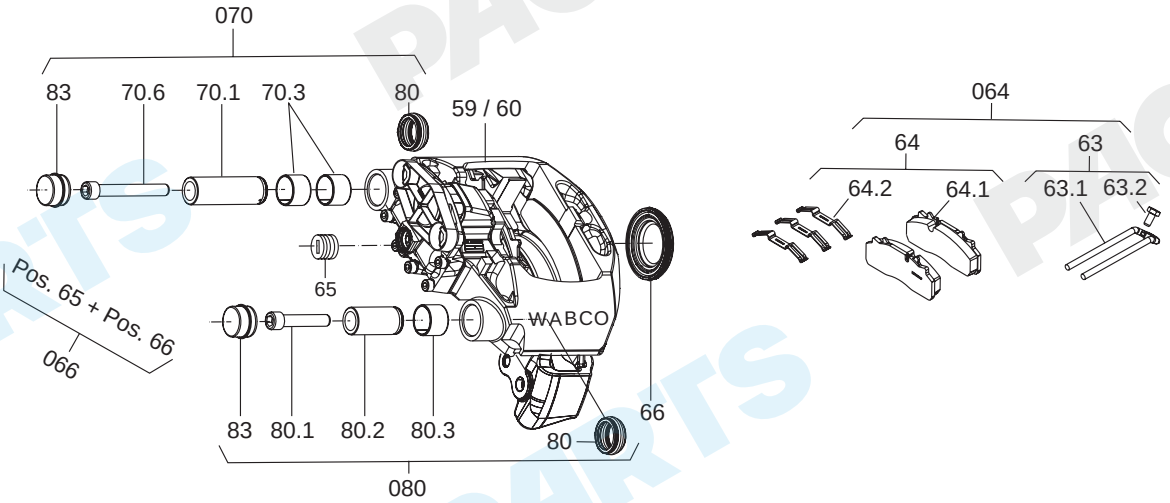


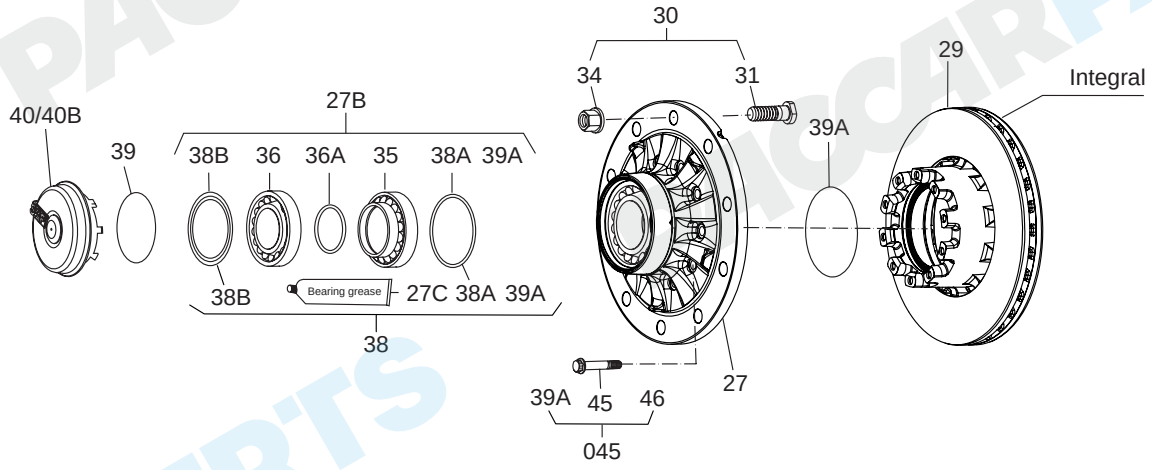
J-SERIES RZ 12242/18C AXLE CONTINUED
STUD HUB (10 x 285) - 420 x 180mm BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
77	NA	Pole ring ABS, 100 teeth		2
78	3029023100	ABS Sensor kit	(Incl. sensor, sleeve & paste)	2
80.1	NSS	Cable protecting hose		2
80.2		Band clamp		2
80.3		Fastener ring		2
81	2262026902	Camshaft LH, 668mm length		1
82	2262027002	Camshaft RH, 668mm length		1
083	3317000400	Camshaft installation replacement kit	(Incl. Pos. 84-88)	2
84	NSS	Circlip	Contained in Kit 083	2
85		Washer - Ø60 / 38.2 x 1.75		2
86		Spring washer		2
87		Washer - Ø51 / 38.8 x 1.5		12
88		Circlip		2
89	2175030600	Manual slack adjuster (Ø12.7mm holes)		2
90	1447003600	Return spring		2
091	3005021900	Dust shield pair	(Incl. Pos. 92-94 & 96-99)	2
92	NSS	Dust cover, LH		2
93	NSS	Dust cover, RH		2
94	4337200801	Plug, lining inspection		4
95	NSS	Cable clip		2
96	4343107588	Screw, M8 x 40		2
97	4194202500	Band clamp		2
98	4337202700	Plug		4
99	4177301800	Grommet		2

ZI9-19W
DUAL WHEELS (INTEGRAL - PAN 19)



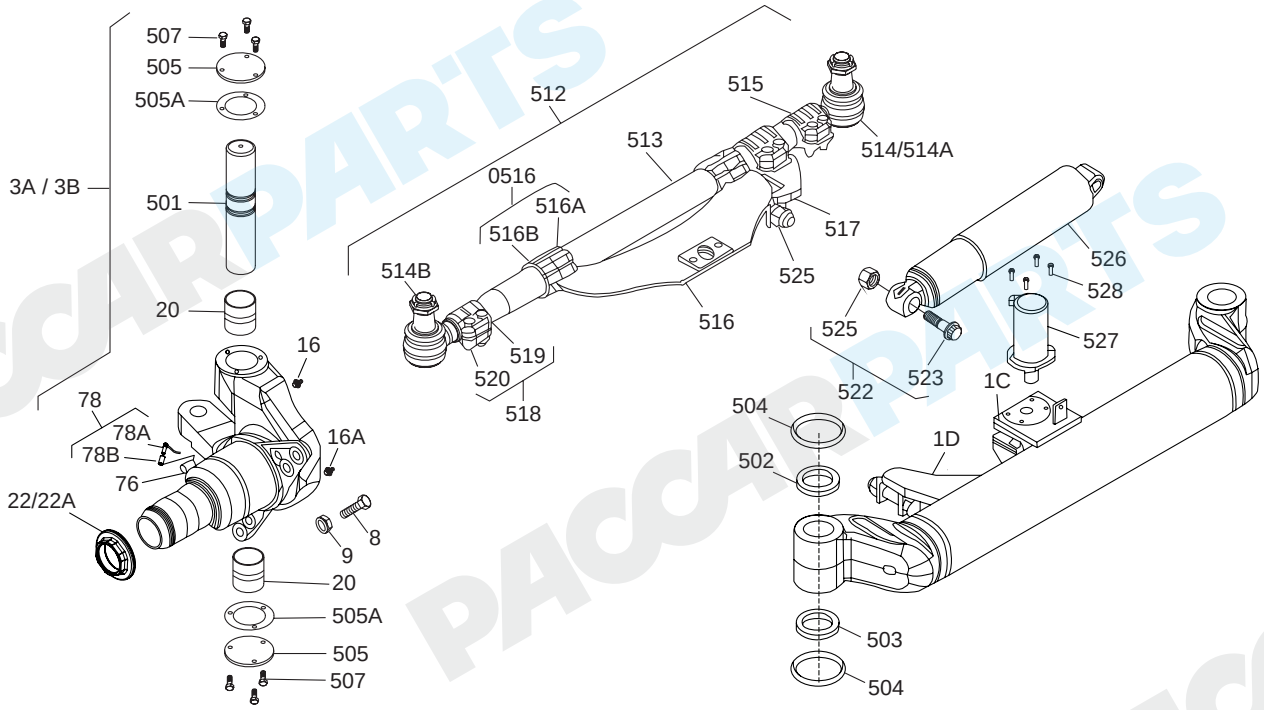


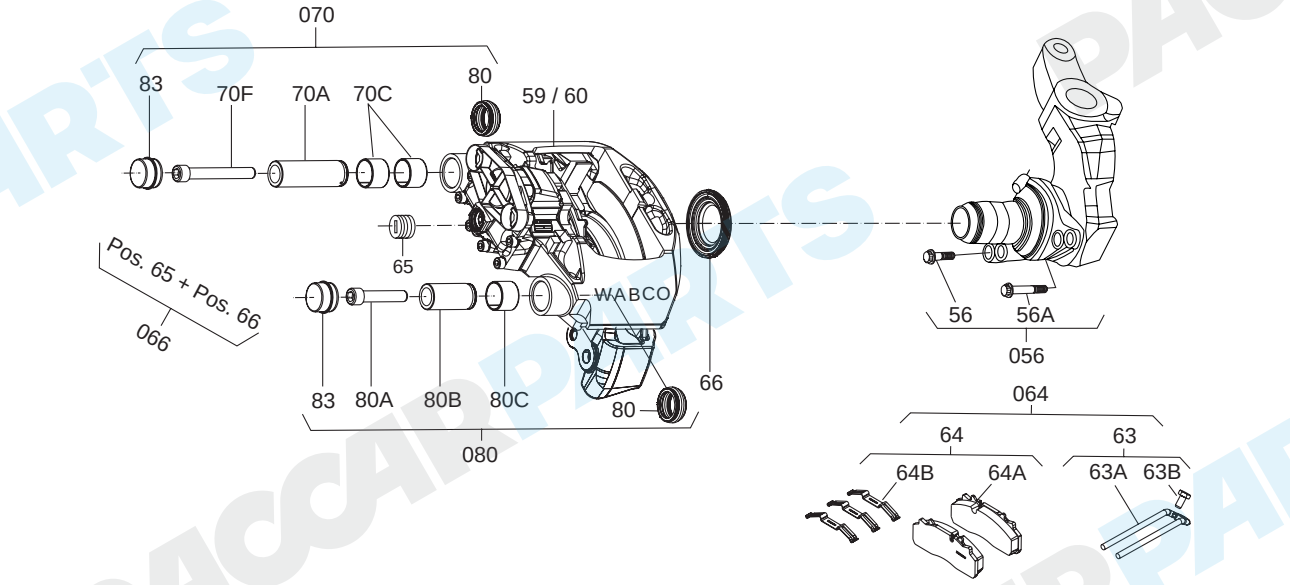


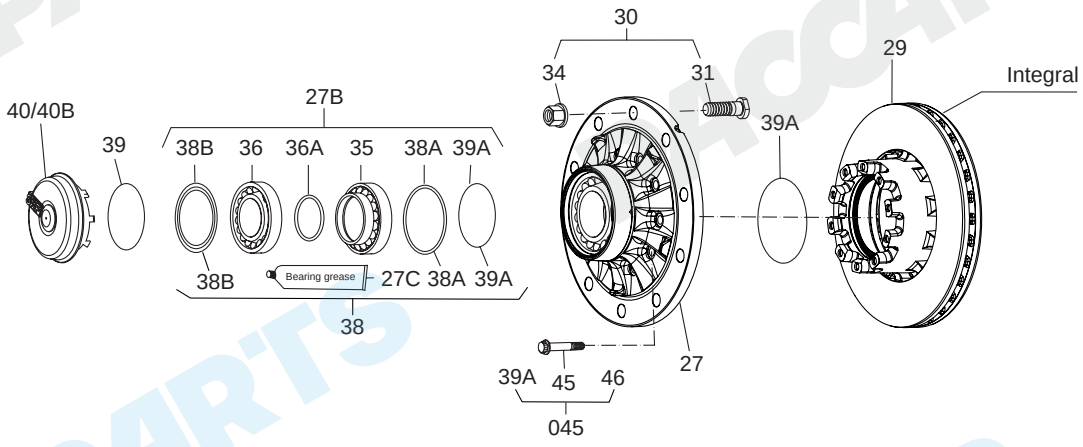
ZI9-19W
DUAL WHEELS (INTEGRAL - PAN 19)

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
22	1011008600	Axle Nut RH - M75 x 1.5/SW85 (without Groove)		2
22.1	1011008500	Axle Nut LH - M75 x 1.5/SW85 (with Groove)		2
27	3307304800	Hub Unit - Integral - 8 x 275 PCD		2
	3307304900	Hub Unit - Integral - 10 x 285.75 PCD		2
	3307305500	Hub Unit - Integral - 10 x 335 PCD		2
27B	3434302218	Intradisc Integral Bearing & Seal Kit	Includes 35, 36, 36A, 38A, 38B, 39A	1
29	3079001601	Brake Disc (Integral Rotor) - Dual Steel/Alloy Wheels - 10 x 285.75 PCD, 10 x 335 PCB, 8 x 275 PCD		2
30	NA	Wheel Bolt & Nut Kit	Use item no 31 / 34	2
31	1303112810	Wheel Stud - M22 x 1.5 x 103 - Dual Steel/Alloy Wheels (Stepped Body)		16 / 20
34	33272215	Wheel Nut M22 x 1.5 x 27 - SW33		16 / 20
	42473012015	Wheel Nut M22 x 1.5 x 27 - SW32 (Box 20)		16 / 20
38	3434302500	Seal & Grease Kit	(Incl. Pos. 27C, 36A, 38A, 38B, 39A)	1
39A	4315007500	O-Ring, Hub Seal, 92mm x 4		2
40	3304010201	Hub Cap/Hub Cap O-Ring		2
40B	4304010301	Hub Cap For Hubodometer & Seal		2
45	4375100912	Hub/Rotor Bolts M14X1.5X65	Use 12pt socket	20
045	3434366300	Hub Kit – 10 x M14 Bolts, Hub O-Ring & Grease	(Incl. Pos. 45-46-39A)	2
56	4375100610	Bolt With Collar M18 - Caliper		6
56.1	4375100810	Centering Bolt M18 - Caliper		2
59	3080007200	Brake Caliper Assy, Wabco RH		1
60	3080007100	Brake Caliper Assy, Wabco LH		1
064	3057008002	Brake Pad Kit - 4 Pads	(Incl. Pos. 63,64 & 65)	1
066	3434382900S	Repair-Kit	(Incl. Pos. 65 & 66)	2
070	3434382701	Guide Pin Kit Or Caliper Repair Kit	(Incl. Pos. 65, 66, 70.1 - 70.6 & 080)	2
78	3029024200	ABS Sensor & Clamping Sleeve Kit		2
78.1	4410350010	Sensor ABS Wabco		2
78.2	8997598824	Clamping Sleeve - ABS		2
ASSY	3606304900	Hub & Rotor Assy 10 x 285		1
KIT	3434366000	Caliper Bolt Kit Zi9-19W Axle Suits One Caliper (4 Bolts)		1
TOOL	2501880	Hub Nut Socket (SW85mm) (Option 4 434 382 800L)		1
	3434332700	SAF Ratchet Wrench		1
	4434382200	Universal Hub Puller		1
	3434332800S	SAF Universal Toolbox (Wabco & Knorr Calipers)		1

ZIL9-19W-OVERSLUNG STEER AXLE
DUAL WHEELS (PAN 19)



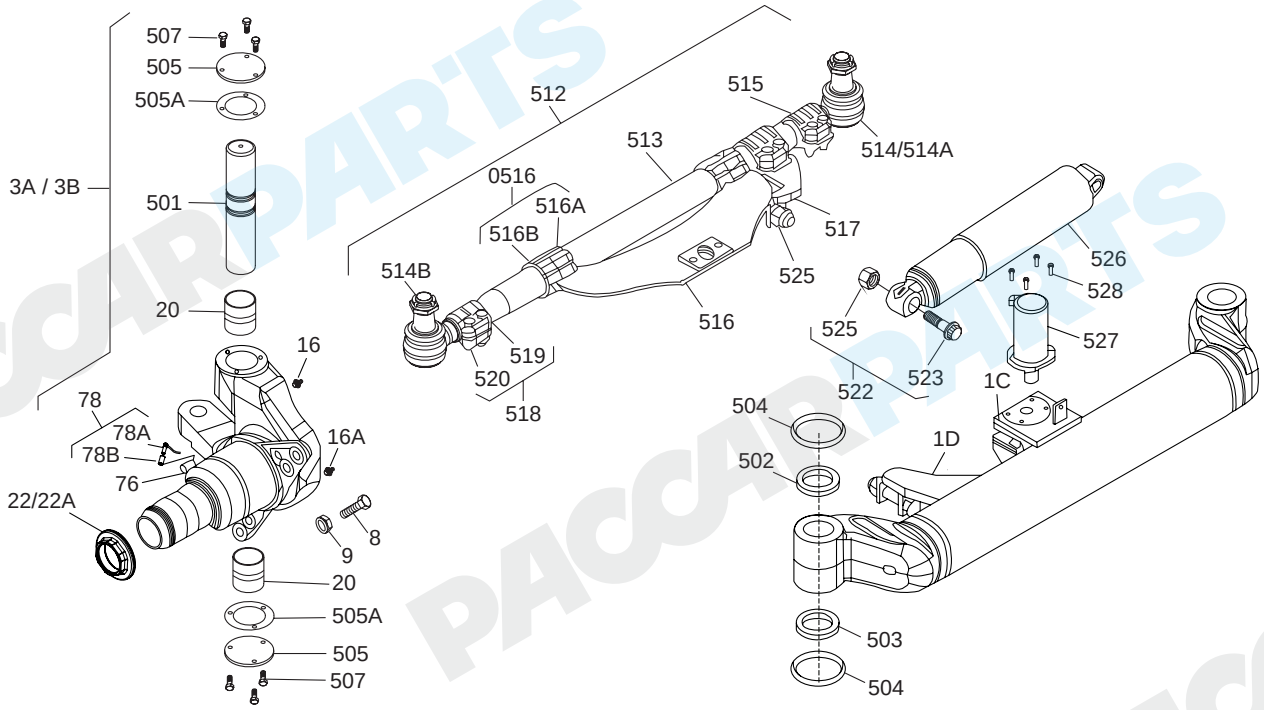


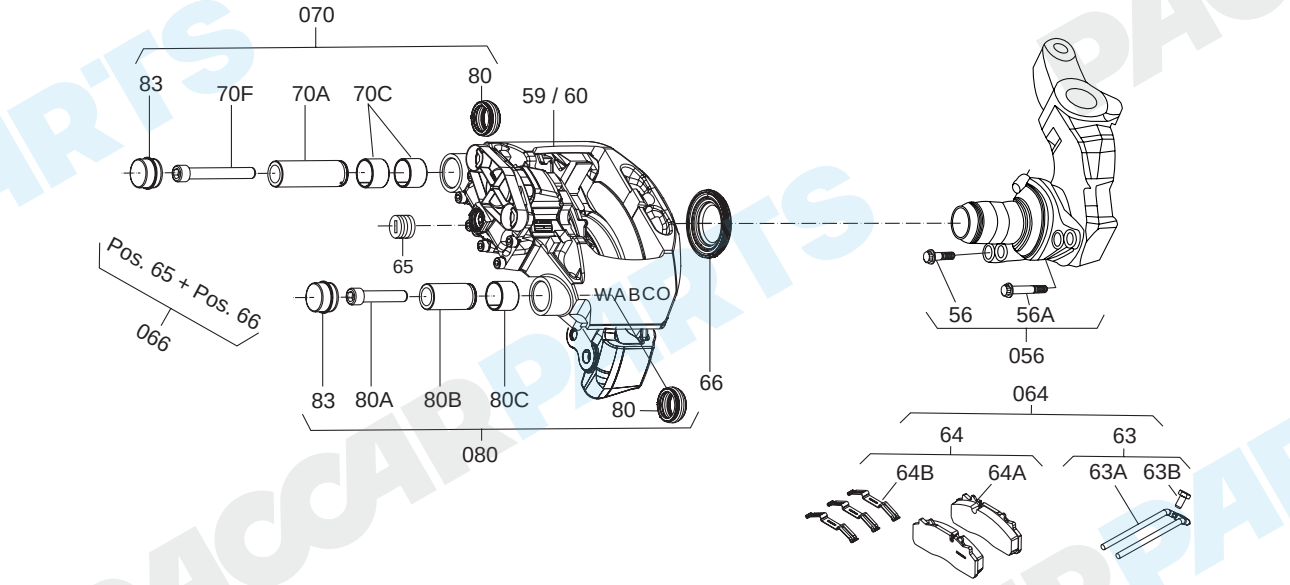


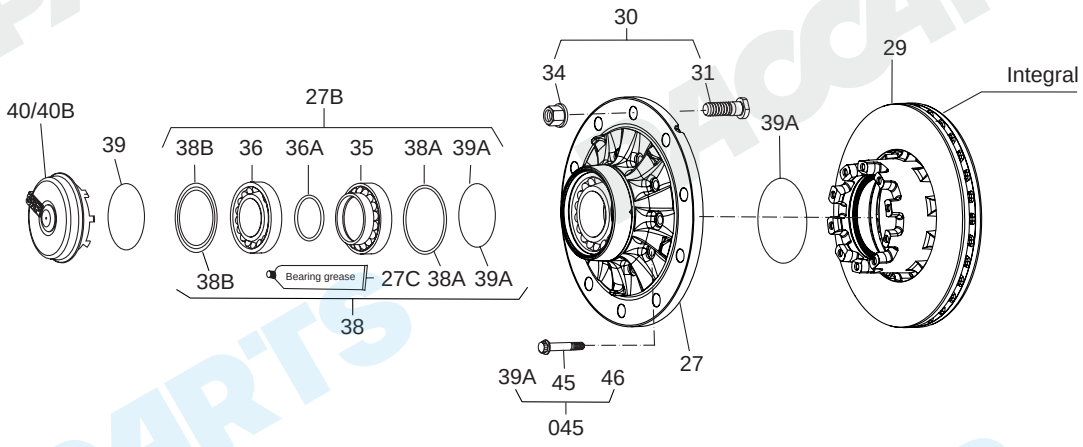
ZIL9-19W-OVERSLUNG STEER AXLE
DUAL WHEELS (PAN 19)

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	I0ZI919W-3	Intradisc Integral - 10 x 335 PCD Overslung	Intradisc O/S Axle Beam Only - 03516328000 Overslung with trailing arms Use Part# 03516334800	1
	I0ZI919W-7	Intradisc Integral - 10 x 275 PCD Overslung		1
	I0ZI919W-8	Intradisc Integral - 10 x 285 PCD Overslung		1
1C	NSS	Reverse Gear Lock	Part of axle assembly	1
1D	NSS	Shock Mount Bracket	Part of axle assembly	1
3A	3222186100	Steering Knuckle Assembly Left	(Incl. Pos. 8-9, 16-20, 22, 501-506)	1
3B	3222186200	Steering Knuckle Assembly Right	(Incl. Pos. 8-9, 16-20, 22, 501-506)	1
8	4343208001	Screw	M20 x 110	2
9	4342001780	Nut	M20	2
16	4201000100	Grease Nipple	16L/AM8x1	2
16A	4201000200	Grease Nipple	23,5L/BM8x1	2
20	4230017000	Bearing Bush	Ø65 / 60 x 70	4
22	1011008600	Axle Nut Right	M75 x 1, 5/SW85	1
22A	1011008500	Axle Nut Left	M75 x 1, 5/SW85	1
27	3307304900	Hub Unit Integral 285 PCD	TK285, 75-10L	2
27B	3434302218	Repair Kit Wheel Bearing	Incl Pos 35, 36, 36A, 38A, B & 39A	2
29	3079001601	Brake Disc Integral 19.5"	Ø377mm x 50 x 145	2
30	NA	Wheel Bolt & Nut Kit	Use Item 31 / 34	2
31	1303112810	Wheel Bolt	M22 x 1, 5 x 103 - ALU	20
34	4247301201S	Wheel Bolt Nut	M22 x 1, 5 x 27H/SW32	20
35	NSS	Roller Bearing	B/S/Z-Series - refer kit 27B	2
36		Roller Bearing	B/S/Z-Series - refer kit 27B	2
36A		Holding Ring	Refer kit 27B	2
38	3434302500	Seal & Grease Kit	(Incl. Pos. 27C, 36A, 38A, 38B, 39A & grease)	2
38A	NSS	Sealing Ring (Inside)	D112 / 138, 5 x 11	2
38B		Sealing Ring (Outside)	D112 / 138, 5 x 6	2
39		O-Ring	Ø139, 07 x 5, 33	2
39A	4315007500	O-Ring	Ø92 x 4	2
40	3304010201	Hub Cap Incl. O-Ring	S/Z/ZI/BI	2
40B	4304010301	Wheel Cap Assembly & Hubodometer	S/Z/ZI/BI	2
45	4375100912	Double Hex Rotor Bolt	M14	20
045	3434366300	Accessories Disc Brake	(Incl. Pos. 39A, 45, 46)	2
46	NSS	Grease	RENOLIT PASTE AZ0-1 /5g	2
056	3434366000	Brake Caliper Fixing Bolts Kit	(Incl. Pos. 56, 56A)	2
56	4375100610	Double Hex Bolt	M18 x 1, 5 x 55	6
56A	4375100810	Pivot Retaining Bolt	M18 x 1, 5 x 55	2
59	3080007100	Brake Caliper Assembly Left	PAN19-1	1
60	3080007200	Brake Caliper Assembly Right	PAN19-1	1
63	NSS	Mounting Plate Kit (Knorr)	(Incl. Pos. 63A-63B)	2
63A		Mounting Plate (Wabco)		2
63B		Bow Screw (Wabco)		2
064	3057008002	Disc Pad Set	19.5" - (Incl. Pos. 63, 64A, 64B)	1

ZIL9-19W-OVERSLUNG STEER AXLE CONTINUED
DUAL WHEELS (PAN 19)







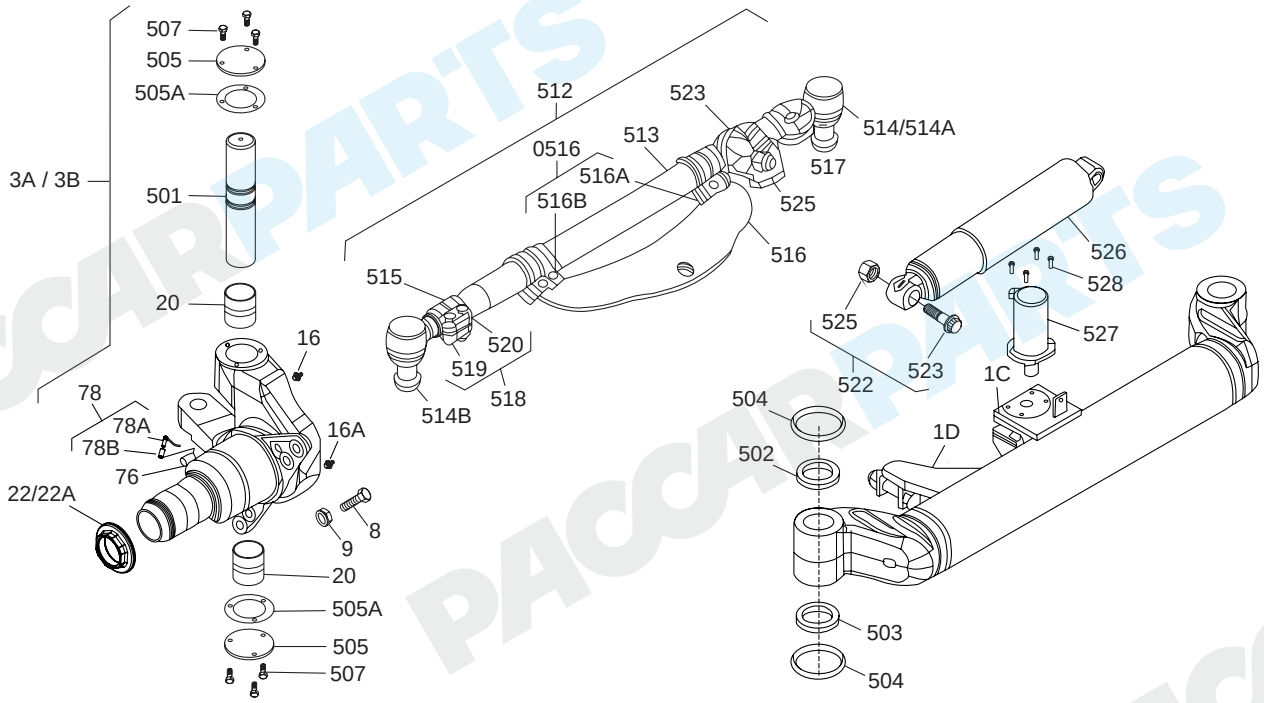
SAF Holland

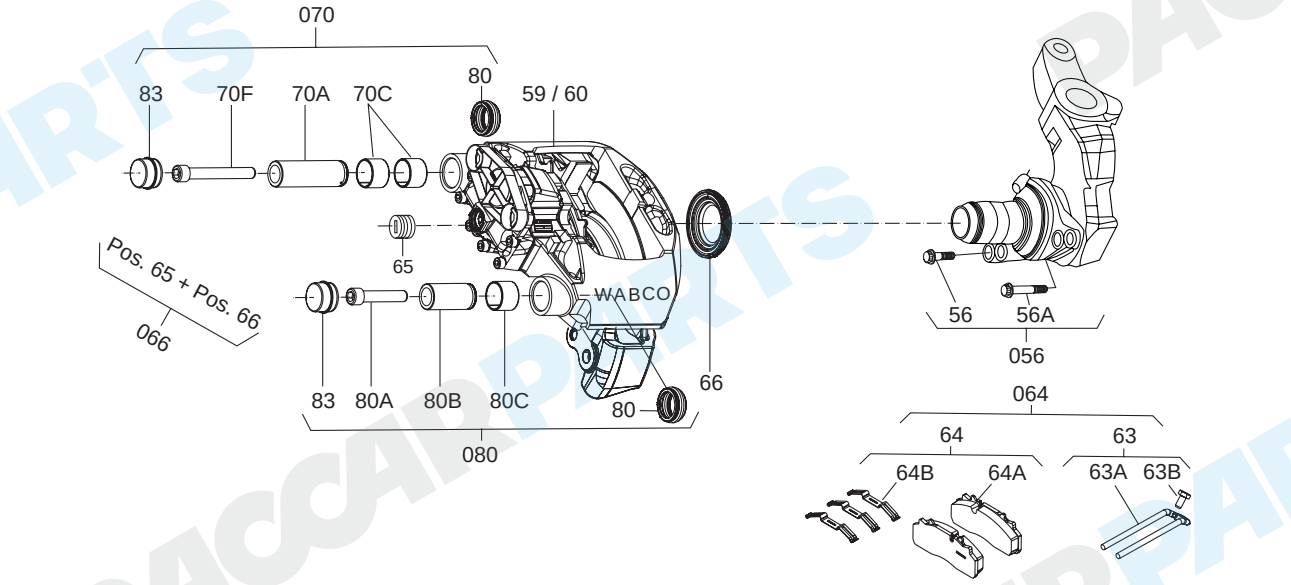
ZIL9-19W-OVERSLUNG STEER AXLE CONTINUED
DUAL WHEELS (PAN 19)

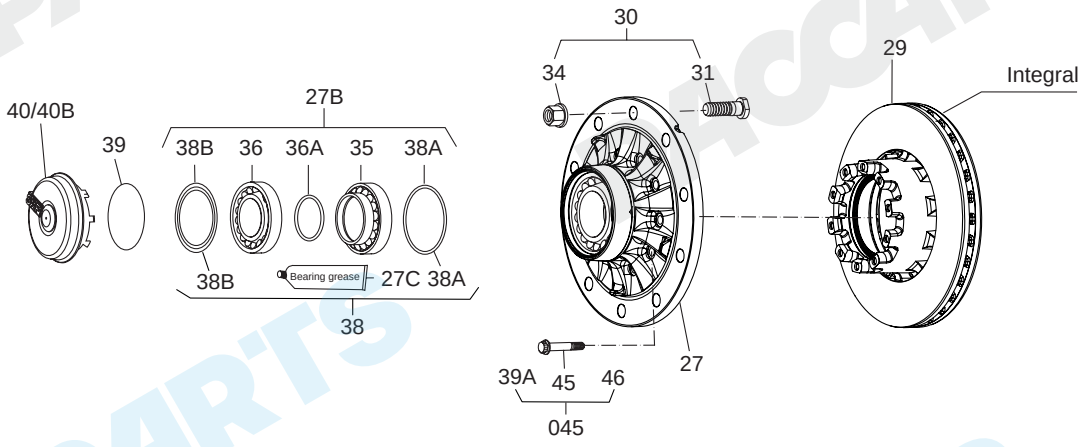
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
64A	NSS	Disc Pad		4
64B		Spring Clamp		4
65		Plug (Wabco)		2
66		Protecting Cap (Wabco)		2
066	3434382900	Guide-/Seal Kit (Wabco)	(Incl. Pos. 65 & 66)	2
070	3434382701	Guide-/Seal Kit	(Incl Pos 65, 66, 70A, 70C, 70F, 80-80C, 83)	2
70A	NSS	Guide Pin (Wabco)		2
70C		Bush (Haldex)		4
70F		Cylinder Screw (Knorr)		2
76		Holder	19 / 13 H11 x 26	2
78	3029024200	ABS Sensor	(Incl. Pos. 78A & 78B)	2
78A	4029107000	Sensor		2
78B	NSS	Locating Sleeve		2
80		Bellow (Knorr)		2
080		Guide-/Seal Kit	(Incl. Pos. 80, 80A-80C, 83)	2
80A		Cylinder Screw (Knorr)		2
80B		Guide Pin (Wabco)		2
80C		Bush (Haldex)		2
83		Cap (Knorr)		4
500	3434365700	Repair Kit Steering Knuckle	(Incl. Pos. 20, 501-507)	2
501	NSS	Steering Bolt	Ø60 x 298	2
502		Thrust Plate	Ø90 / 62 x 9,8	2
503		Thrust Plate		2
504		O-Ring	Ø84 x 11	4
505		Cover Plate	Ø100 x 6/TK80	4
505A		Gasket	Ø100 / 64, 5 x 0,5	4
507		Screw	M8 x 22-KL90	12
512	3357020600	Track Rod Assembly	58 x 1080-1139	1
513	NSS	Track Rod	58 x 980	1
514	2205000300	Ball Joint Left		1
514A	2205000400	Ball Joint Right		1
514B	4202101150	Castle Nut	M30 x 1,5	2
515	NSS	Collar	Ø48	2
0516	3341202319	Screw Assembly	M12 x 1, 5 x 65, Inc 516A,516B	6
516	2193004600	Lock Plate		1
516A	NSS	Screw	M12 x 1, 5 x 65	6
516B		Safety Flange	M12 x 1, 5	6
517		Clamping Piece		1
518		Screw Assembly	M12 x 1, 5 x 62, Inc 519, 520	4
519		Screw	M12 x 1, 5 x 62	4
520		Safety Flange	M12 x 1, 5	4
522	3341002319	Screw Assembly	(Incl. Pos. 523-525)	2
523	4343002388	Screw	M24 x 110	2
525	4247401480	Safety Flange	M24	2
526	2376101300	Shock Absorber		1
527	4454300400	Cylinder	Ø65 x 50	1
528	4375400188	Cylinder Screw (Knorr)	M6 x 20	4

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

ZIL9-19W-UNDERSLUNG STEER AXLE
DUAL WHEELS (PAN 19)



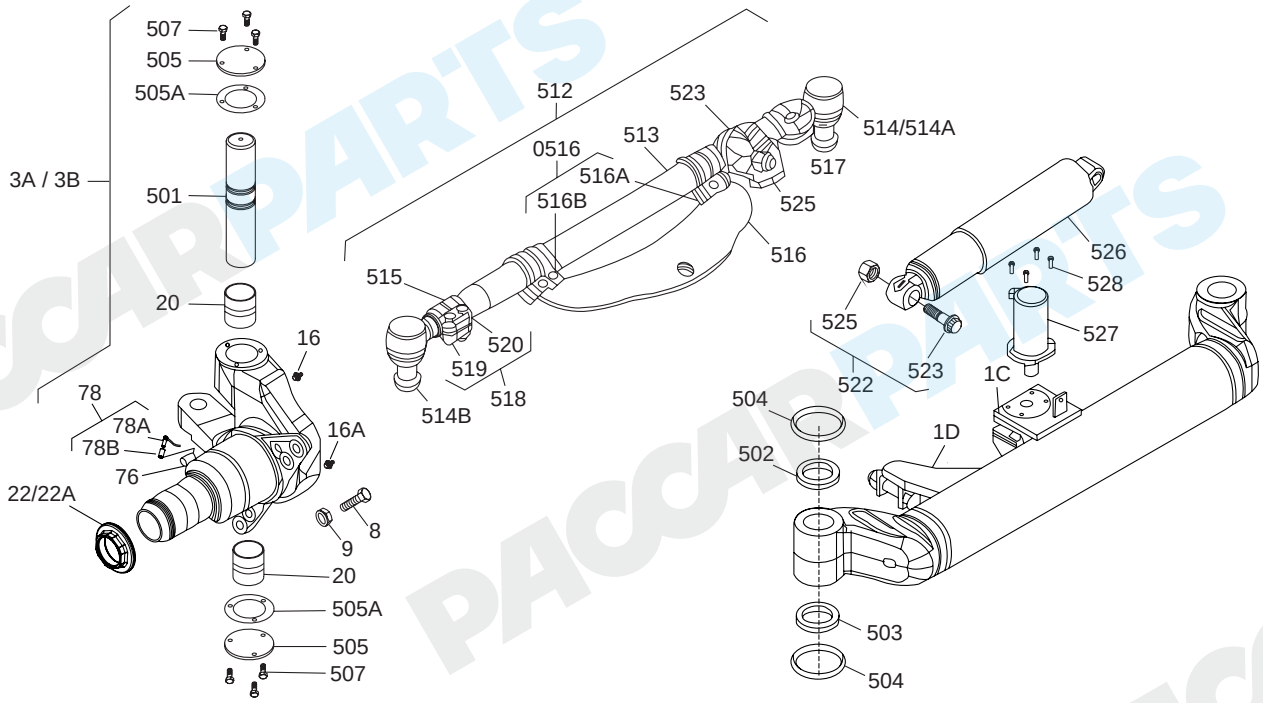


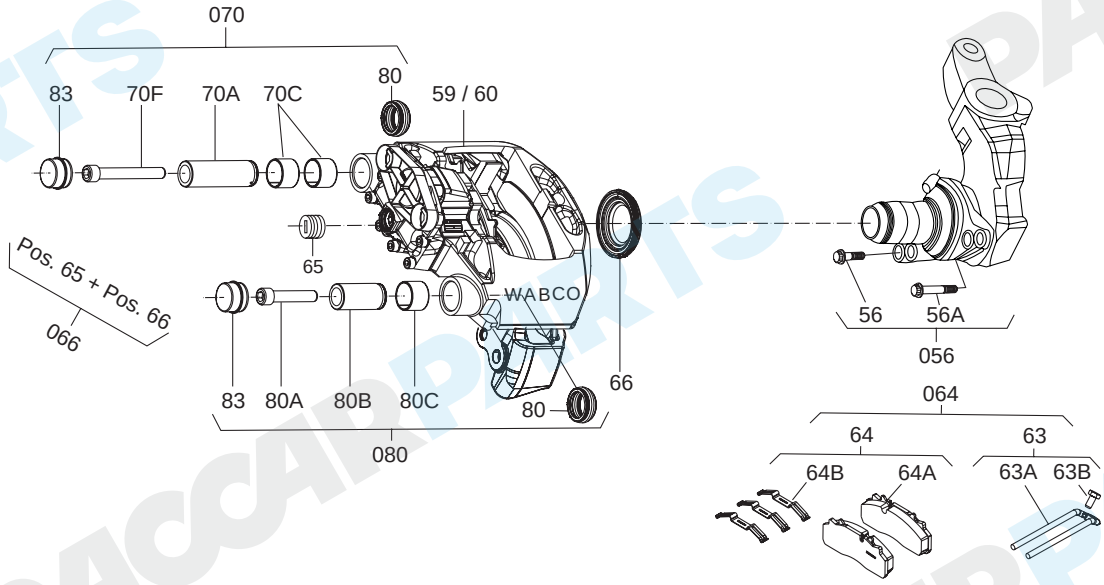


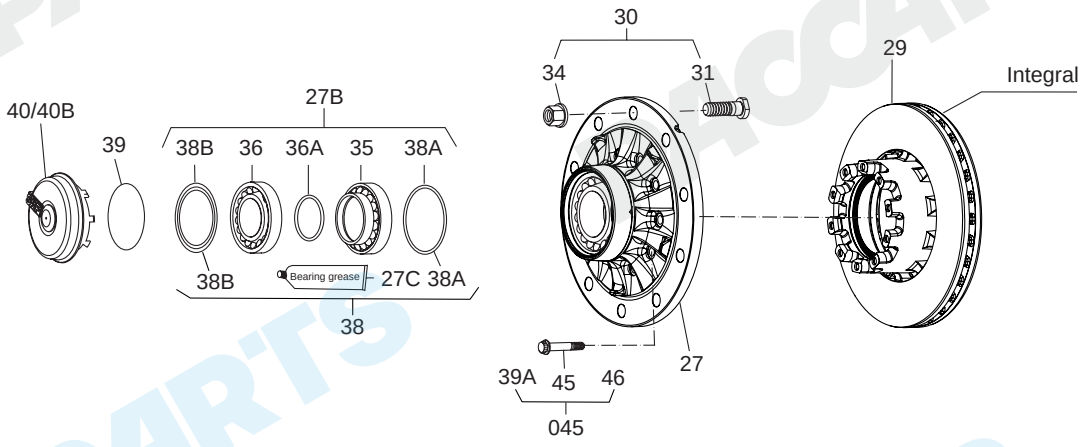
ZIL9-19W-UNDERSLUNG STEER AXLE
DUAL WHEELS (PAN 19)

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	IUZI919W-3	Intradisc Integral - 10 x 335 PCD Underslung	Intradisc U/S Axle Beam Only - 03516327700 Underslung with trailing arms Use Part# 03516335000	1
	IUZI919W-7	Intradisc Integral - 10 x 275 PCD Underslung		1
	IUZI919W-8	Intradisc Integral - 10 x 285 PCD Underslung		1
3A	3222185900	Steering Knuckle Assembly Left	(Incl. Pos. 8-9, 16-20, 22 ,501-506)	1
3B	3222186000	Steering Knuckle Assembly Right	(Incl. Pos. 8-9, 16-20, 22 ,501-506)	1
8	4343208001	Screw	M20 x 110	2
9	4342001780	Nut	M20	2
16	4201000100	Grease Nipple	16L/AM8 x 1	2
16A	4201000200	Grease Nipple	23,5L/BM8 x 1	4
20	4230017000	Bearing Bush	Ø65 / 60 x 70	4
22	1011008600	Axle Nut Right	M75 x 1, 5/SW85	1
22A	1011008500	Axle Nut Left	M75 x 1, 5/SW85	1
27	3307304900	Hub Unit Integral	TK285, 75-10L	2
27B	3434302218	Repair Kit Wheel Bearing	Incl Pos 35, 36, 36A, 38A, B & 39A	2
29	3079001601	Brake Disc Integral	Ø377mm x 50 x 145	2
30	NA	Wheel Bolt & Nut Kit	Use item no 31 / 34	2
31	1303112810	Wheel Bolt	M22 x 1, 5 x 103 - ALU	20
34	4247301201S	Wheel Bolt Nut	M22 x 1, 5 x 27H/SW32	20
35	NSS	Roller Bearing	B/S/Z-Series - Refer kit 27B	2
36		Roller Bearing	B/S/Z-Series - Refer kit 27B	2
36A		Holding Ring	Refer kit 27B	2
38	3434302500	Seal & Grease Kit	(Incl. Pos. 27C, 36A, 38A, 38B, 39A & grease)	2
38A	NSS	Sealing Ring (Inside)	Ø112 / 138, 5 x 11	2
38B		Sealing Ring (Outside)	Ø112 / 138,5 x 6	2
39		O-Ring	Ø139, 07 x 5, 33	2
39A	4315007500	O-Ring	Ø92 x 4	2
40	3304010201	Hub Cap Incl. O-Ring	S/Z/ZI/BI	2
40B	NSS	Wheel Cap Assembly & Hubodometer	S/Z/ZI/BI	2
45	4375100912	Double Hex Bolt	M14	20
045	3434366300	Accessories Disc Brake	(Incl. Pos. 39A, 45, 46)	2
46	5387004203	SAF Lilube Easy Fit	5g	2
56	4375100610	Double Hex Bolt	M18 x 1, 5 x 55	6
056	3434366000	Brake Caliper Fixing Bolts Kit	Inc 56 & 56A	2
56A	4375100810	Pivot Retaining Bolt	M18 x 1, 5 x 55	2
59	3080007100	Wabco Brake Caliper Assembly Left	PAN19-1	1
60	3080007200	Wabco Brake Caliper Assembly Right	PAN19-1	1
63	NSS	Mounting Plate Kit (Knorr)		2
63A		Mounting Plate (Wabco)		2
63B		Bow Screw (Wabco)		2
NSS	3424200100	Brake Pad Wear Indicator	Wabco 19.5"	1
064	3057008002	Disc Brake Pad Kit	(Incl. Pos. 63, 64 & 65)	1
64A	NSS	Brake Lining		4
64B		Spring Clamp		4
65		Plug (Wabco)		2

ZIL9-19W-UNDERSLUNG STEER AXLE CONTINUED
DUAL WHEELS (PAN 19)



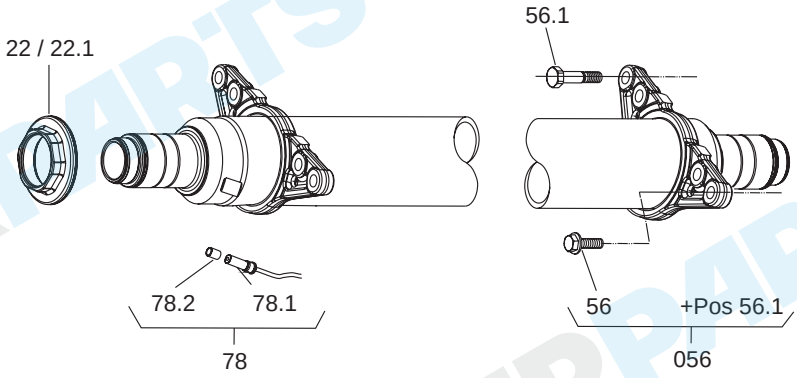


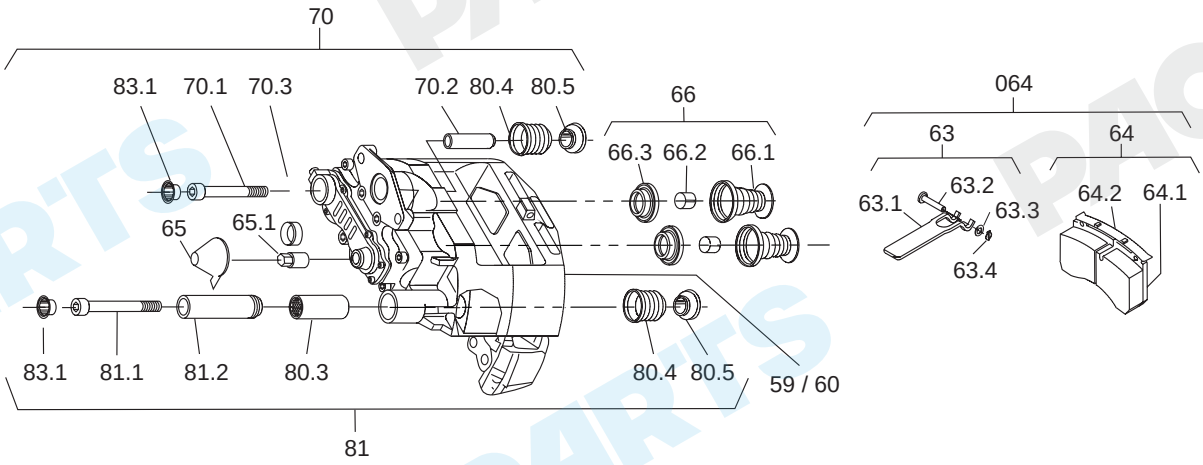


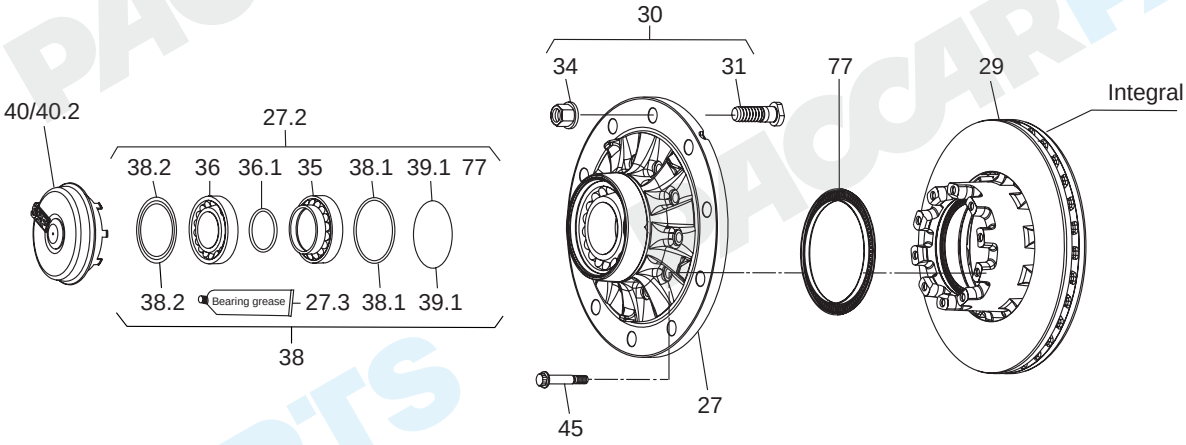
ZIL9-19W-UNDERSLUNG STEER AXLE CONTINUED
DUAL WHEELS (PAN 19)

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
66	NSS	Protecting Cap (Wabco)		2
066	3434382900	Guide-/Seal Kit (Wabco)	(Incl. Pos. 65 & 66)	2
070	3434382701	Guide-/Seal Kit	(Incl Pos 65, 66, 70A, 70C, 70F, 80-80C, 83)	2
70A	NSS	Guide Pin (Wabco)		2
70C		Bush (Haldex)		4
70F		Cylinder Screw (Knorr)		2
76		Holder	19 / 13 H11 x 26	2
78	3029024200	ABS Sensor Kit	(Incl. Pos. 78A & 78B)	2
78A	4029107000	Sensor		2
78B	NSS	Locating Sleeve		2
80		Bellow (Knorr)		2
080		Guide-/Seal Kit		2
80A		Cylinder Screw (Knorr)		2
80B		Guide Pin (Wabco)		2
80C		Bush (Haldex)		2
83		Cap (Knorr)		4
500	3434365700	Repair Kit Steering Knuckle	(Incl. Pos. 20, 501-507)	2
501	NSS	Steering Bolt	Ø60 x 298	2
502		Thrust Plate	Ø90 / 62 x 9, 8	2
503		Thrust Plate	down	2
504		O-Ring	Ø84 x 11	4
505		Cover Plate	Ø100 x 6/TK80	4
505A		Gasket	Ø100 / 64, 5 x 0, 5	4
507		Screw	M8 x 22-KL90	12
512	3357020600	Track Rod Assembly	Ø58 x 1080-1139mm	1
513	NSS	Track Rod	58 x 980	1
514	2205000300	Ball Joint Left		1
514A	2205000400	Ball Joint Right		1
514B	4202101150	Castle Nut	M30 x 1, 5	2
515	NSS	Collar	Ø48	2
516	2193004600	Lock Plate		1
0516	3341202319	Screw Assembly	M12 x 1, 5 x 65, Inc 516A, 516B	6
516A	NSS	Screw	M12 x 1, 5 x 70	6
516B		Safety Flange	M12 x 1, 5	6
517		Clamping Piece		1
518		Screw Assembly	M12 x 1, 5 x 62, Inc 519, 520	4
519		Screw	M12 x 1, 5 x 62	4
520		Safety Flange	M12 x 1, 5	4
522	3341002319	Screw Assembly	M24 x 110, Inc 523-525	2
523	4343002388	Screw	M24 x 110	2
525	4247401480	Safety Flange	M24	2
526	2376101300	Shock Absorber		1
527	4454300400	Cylinder	Ø65 x 50	1
528	4375400188	Cylinder Screw (Knorr)	M6 x 20	4

ZI9-22K01
DUAL WHEELS (SK7)





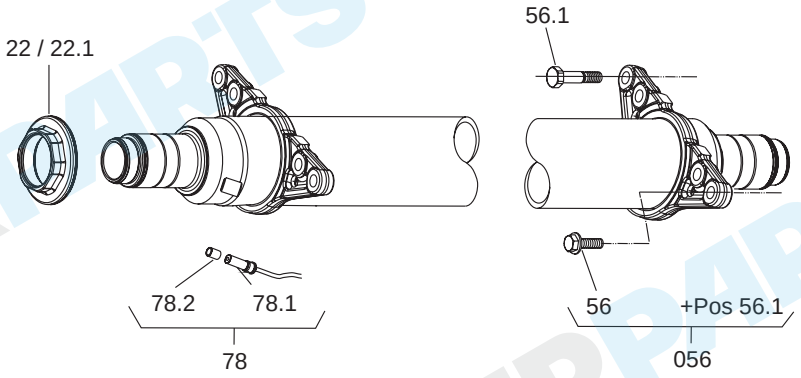


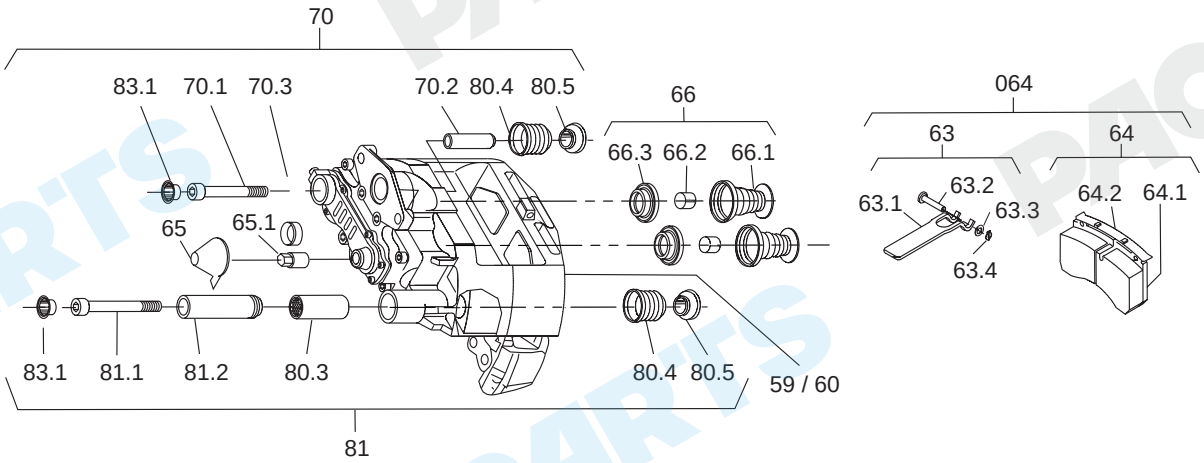
ZI9-22K01
DUAL WHEELS (SK7)

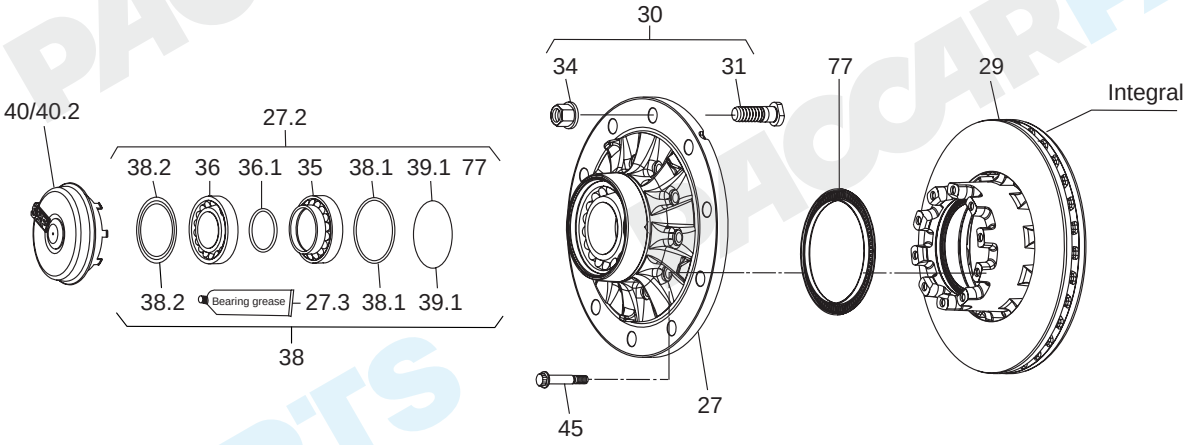
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
22	1011008600	Axle Nut Right	M75 x 1, 5/SW85	1
22.1	1011008500	Axle Nut Left	M75 x 1, 5/SW85	1
27	3307304900	Hub Unit Integral 285 PCD 10 Stud	TK285, 75-10L	2
27.2	3434302218	Repair Kit Wheel Bearing	Incl Pos 35, 36, 36.1, 38.1, B & 39.1	2
29	4079001501	Brake Disc Integral 22.5"	Ø430mm x 45 x 135	2
30	NA	Wheel Bolt & Nut Kit	Use Item no 31 / 34	2
31	1303112810	Wheel Bolt	M22 x 1, 5 x 103 - ALU	20
34	4247301201S	Wheel Bolt Nut	M22 x 1, 5 x 27H/SW32	20
35	NSS	Roller Bearing	B/S/Z-Series, Avl as Item 27.2	2
36		Roller Bearing	B/S/Z-Series, Avl as Item 27.2	2
36.1		Holding Ring	Avl as Item 27.2	2
38	3434302500	Seal & Grease Kit	(Incl. Pos. 27.3, 36.1, 38.1, 38.2, 39.1)	2
38.1	NSS	Sealing Ring (Inside)	Ø112 / 138, 5 x 11	2
38.2	NSS	Sealing Ring (Outside)	Ø112 / 138, 5 x 6	2
39.1	4315007500	O-Ring	Ø92 x 4	2
40	3304010201	Hub Cap Incl. O-Ring	S/Z/ZI/BI	2
40.2	3304010301	Wheel Cap Assembly & Hubodometer	S/Z/ZI/BI	2
45	4375100912	Double Hex Bolt	M14	20
NS	3434366300	Accessories Disc Brake	(Incl. Pos. 39.1, 45, grease)	2
NS	5387004203	SAF Lilube Easy Fit	5g	2
56.1	4375100810	Pivot Retaining Bolt	M18 x 1, 5 x 55	2
056	3434366000	Brake Caliper Fixing Bolts Kit	Inc 56, 56.1	2
56	4375100610	Double Hex Bolt	M18 x 1, 5 x 55	6
59	3080005901	Brake Caliper Assembly Left	SBK2243 01	1
60	3080006001	Brake Caliper Assembly Right	SBK2243 01	1
63	NSS	Mounting Plate Kit (Knorr)	22.5" - refer kit 064	2
63.1		Mounting Plate (Wabco)		2
63.2		Guide Pin (Wabco)		2
63.3		Washer (Knorr)		2
63.4		Cotter Pin (Knorr)		2
64.1		Brake Lining		4
64.2		Spring Clamp		4
064	3057008500	Disc Brake Pad Kit	22.5"	1
65	NSS	Adjusting Cap (Knorr)		2
65.1	NSS	Adaptor (Knorr)		2
66	3434381400	Thrust Member	SN/SK, Inc 66.1-66.3	2
66.1	NSS	Thruster With Bellows		4
66.2		Bush (Knorr)		4
66.3		Sealing Ring		4
70.1		Cylinder Screw (Knorr)	M16 x 1,5	2
70.2		Bushing Guide With Guide Bush (Knorr)		2
70.3		Guide Bush (Knorr)		2
70	3434381500	Guide-/Seal Kit	Inc 70, 70.1-70.4, 80.3-80.5, 81-81.3, 83.1	2
77	NSS	Exciter Ring	90 teeth	2

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

ZI9-22K01 CONTINUED
DUAL WHEELS (SK7)







ZI9-22K01 CONTINUED
DUAL WHEELS (SK7)

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
78	3029024200	Abs Sensor	Inc 78.1-78.2	2
78.1	4029107000	Sensor		2
78.2	NSS	Locating Sleeve		2
80.3		Brass Bush		2
80.4		Bellow (Knorr)		2
80.5		O-Ring		2
81	NA	Guide-/Seal Kit	Refer Kit no 70	2
81.1	NSS	Cylinder Screw (Knorr)		2
81.2		Bushing Guide (Knorr)		2
83.1		Steel Cap (Knorr)		2

NOTES

HENDRICKSON

The World Rides On Us®

INTRAAX ID PLATES 212

LOOSE AXLE IDENTIFICATION 214

HUB CAP GUIDE 216

INTRAAX DRUM BRAKE 220
ENCLOSED 'S' CAM

INTRAAX DRUM BRAKE 222
NON ENCLOSED 'S' CAM (EARLY PRE 2000)

DROP AXLE 'S' CAM 224

LOOSE AXLE 226
NON ENCLOSED 'S' CAM - 15" & 16.5" BRAKE

LOOSE AXLE 228
ENCLOSED 'S' CAM - 15" BRAKE

LOOSE AXLE 230
ENCLOSED 'S' CAM - 16.5" BRAKE

Q-BRAKE 232
15" & 16.5" DRUM BRAKE

P-BRAKE 234
16.5" DRUM BRAKE

CONVENTIONAL HP DRUM BRAKE 236
WHEEL END - 22.5"

CONVENTIONAL HN DRUM BRAKE 238
WHEEL END - 22.5"

CONVENTIONAL HN 5 SPOKE SPIDER 240
WHEEL END - 22.5"

PRESET HP DRUM BRAKE 242
WHEEL END - 22.5"

PRESET HN DRUM BRAKE 244
WHEEL END - 19.5" & 22.5"

HXL2 & HXL5 HP DRUM BRAKE 246
WHEEL END – 22.5"

HXL2 & HXL5 HN DRUM BRAKE 248
WHEEL END – 22.5"

HXL7 HP DRUM BRAKE 250
WHEEL END – 22.5"

DISC BRAKE CALIPER & SYSTEM 252
MAXX22T HDT-415mm – 22.5"

DISC BRAKE CALIPER & SYSTEM 254
WABCO HTD-377mm – 19.5"

DISC BRAKE CALIPER & SYSTEM 256
WABCO HTD-430mm – 22.5"

DISC BRAKE CALIPER & SYSTEM 258
KNORR-BREMSE – 22.5"

CONVENTIONAL HN DISC BRAKE 260
WHEEL END – 19.5" & 22.5"

PRESET HN DISC BRAKE 262
WHEEL END – 22.5"

HXL2 & HXL5 HN DISC BRAKE 264
WHEEL END – 19.5" & 22.5"

HXL7 HP DISC BRAKE 266
WHEEL END – 22.5"

HENDRICKSON INTRAAX ID PLATES

AXLE ID PLATE

The axle ID plate is usually located on the inboard side of the left-hand trailing arm.

The axle serial number (e.g. SK1804270628) provides the following details:

MANUFACTURING PLANT IDENTIFIER

The first two digits of the axle serial number identify the manufacturing plant that originally manufactured the HALFTRAAX™ Assembly as follows:

- SK– Somerset Kentucky
- LI – Lebanon Indiana
- CO – Canton Ohio

DATE OF MANUFACTURE

The third to eighth digits of the axle serial number identify the date the HALFTRAAX Assembly was manufactured in date format: Year - Month - Date. For example, the code 180427 shows that it was manufactured on 27 April 2018.

MANUFACTURING SEQUENCE NUMBER

The final four digits (e.g. 0628) of the axle serial number provide the manufacturing sequence number.



MANUFACTURING PLANT	
SK	Somerset Kentucky
LI	Lebanon Indiana
CO	Canton Ohio

MANUFACTURING DATE (SIX DIGITS)	
YYMMDD	Year - Month - Date

MANUFACTURING SEQUENCE (FOUR DIGITS)
####

BEAM PROFILE	
T	Top Mount
L	Low-Ride
LS	Low-Ride Short

AXLE STYLE	
C	Cambered
RC	Raised Center
(blank)	Standard

AXLE TRACK	
71	71.5″
73	73.0″
755	75.5″
77	77.5″
795	79.5″
83	83.5″



DUTY CYCLE	
AA	Standard
AAED	Extreme Duty

PIVOT CONNECTION	
N	Narrow
(blank)	Wide

BRAKE SIZE	
310	430mm ADB
4	430mm ADB
41	415mm MAXX22T ADB
415	415mm MAXX22T ADB
430	430mm ADB
7	16.5″ x 7″
X	16.5″
X5	15″ x 8-⅝″
X7	16.5″ x 7″ HXS
X8	16.5″ x 8-⅝″ HXS

SUSPENSION CAPACITY	
20K	20,000lbs
23K	23,000lbs
25K	25,000lbs
30K	30,000lbs

AXLE DIAMETER	
S	5.00″
L	LDA (5.75″)

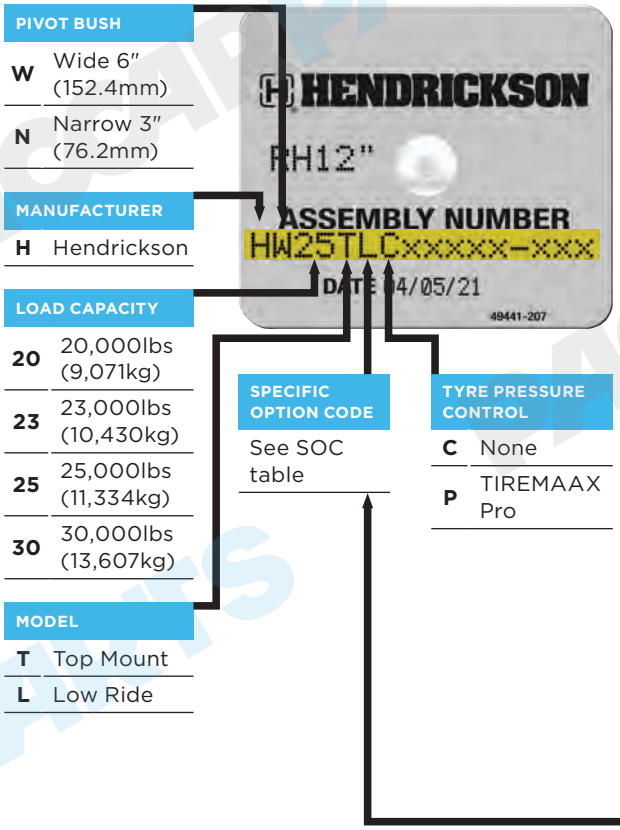
SPINDLE	
N	HN
P	HP

AXLE WALL	
ST	Standard
HD	Heavy Duty

HENDRICKSON INTRAAX ID PLATES

INTRAAX SUSPENSION ASSEMBLY NUMBER

The first six digits of the assembly part number identify the suspension system base model, while the remaining digits identify specific options such as wheel end and brake system configuration.



SOC	TRACK	BRAKES	SPINDLE	AXLE	SUSPENSION
E	73"	16.5" Drum	HP	5"	EDT300, EDL300 (Extreme Duty)
F	73"	15" Drum	HN	5"	AANT230, AANLS200 (NZ only)
K	73"	16.5" Drum	HN	LDA	AAT230, AAT250, AAL230, AANT230, AANL230
L	73"	16.5" Drum	HP	LDA	AAT250, AAL250, AANT230, AANL230
M	73"	377/430 Disc	HN	LDA	AAT230, AAT250, AANT230, AAL230
N	83.5"	16.5" Drum	HN	LDA	AAT230, AAT250
P	77.5"	16.5" Drum	HN	LDA	AAT230, AAT250, AAL250
Q	71.5"	16.5" Drum	HN	LDA	AAT250, AAL230
R	71.5"	430 Disc	HN	LDA	AAT230
S	71.5"	16.5" Drum	HP	LDA	AAT250
T	83.5"	16.5" Drum	HP	LDA	AAT250, AAL250
U	73"	15" Drum	HN	5"	AAL230
V	73"	415 Disc	HP	LDA	AAT250, AAL250, AANT230, AANL230
W	73"	377 Disc	HN	LDA	AANL230 (ZMD only)
X	83.5"	430 Disc	HP	LDA	AANT230
Y	79.5"	16.5" Drum	HP	LDA	AAT250, AAL250

HENDRICKSON LOOSE AXLE IDENTIFICATION

To assist with the identification of a TRLAXLE® or Drop Axle (Pusher) loose axle assembly and determine the associated components, reference should be made to the axle identification and assembly number plates, which are located on the outside edges of the brake chamber brackets.

AXLE ID PLATE

The axle ID plate provides the following information:

- Model
- Axle Serial Number
- Customer Part Number (If Shown)
- Description (If Shown)

NOTE: The axle description as outlined here is only applicable to the base axle assembly as shipped to Australia and does not include wheel-end and brake options that are assembled onto the axle in Australia. More details may be obtained if the axle has an Australian assembly plate.

MODEL

The model is the part number allocated to specific loose axle assemblies.

AXLE SERIAL NUMBER

The serial number is composed of three sets of information.

The first two letters show the manufacturing plant:

- CO – Canton, Ohio
- JN – Jinan, Shandong
- LI – Lebanon, Indiana
- SK – Somerset, Kentucky

The last four digits show the serial production number.

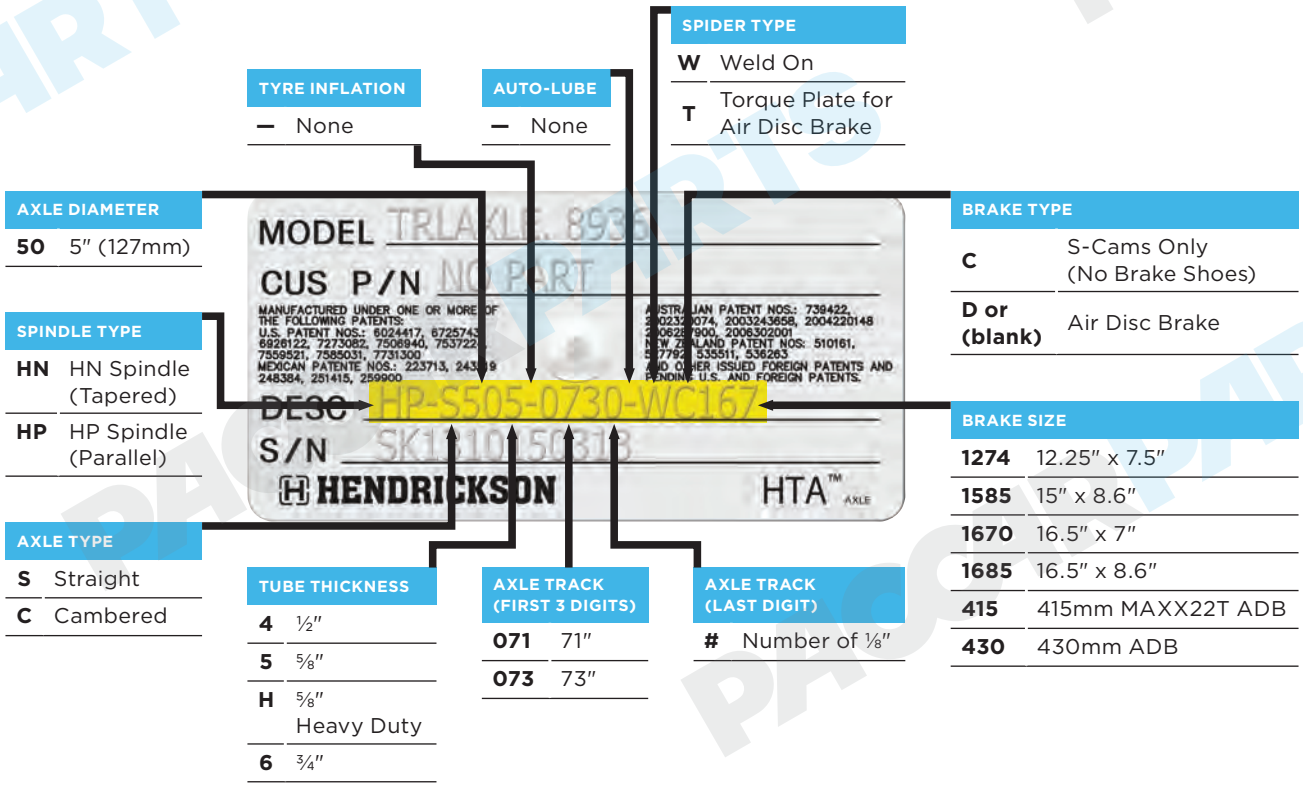
The remaining (centre) five or six digits show the date code, with the first two digits denoting the year.

If it is a five-digit date code, then the remaining three digits denote the Julian day of the year (Ordinal date). For example, 18187 shows that the axle was built on the 187th day of 2018 (or 6 July).

If it is a six-digit date code, then the remaining four digits denote the month and date. For example, 131015 shows that the axle was built on 15 October 2013.

CUSTOMER PART NUMBER

This is section is not normally used and will usually read NO PART or be blank.



HENDRICKSON LOOSE AXLE IDENTIFICATION

SUSPENSION ASSEMBLY NUMBER PLATE

If fitted, the suspension assembly number plate will be located on an axle booster bracket. It indicates that the suspension has been assembled in Australia and provides the following:

- Assembly Part Number
- Date of Assembly

ASSEMBLY PART NUMBER

The axle assembly number (e.g. P22TX603L-65712) can be used to determine the assembly build details for axles as outlined in the following tables. The last five digits of the assembly part number describe various brake and hub options. Note: In some cases, the number pattern may not match that outlined here.

SPINDLE TYPE	
D22	HN Spindle (Tapered)
P22	HP Spindle (Parallel)

AXLE WALL THICKNESS & S-CAMS	
4	½″ (14mm) Wall (suits Spring Suspension)
6	⅝″ Wall - Long Enclosed Cams 16.5″ Brakes
7	¾″ Wall - Non-Enclosed Cams
8	⅝″ Wall - Non-Enclosed 12.25″ Brakes
9	⅝″ Wall - Non-Enclosed Cams
D	⅝″ Wall Disc Knorr-Bremse Caliper 22.5″ Wheel
E	⅝″ Wall Disc WABCO Caliper 22.5″ Wheel
F	⅝″ Wall Disc WABCO Caliper 19.5″ Wheel
G	⅝″ Wall Disc MAXX22T Caliper 22.5″ Wheel

AXLE TRACK & BRAKES		
71.5″	**73″**	**TRACK**
E	**J**	12.25 x 7.5
F	**K**	15 x 8.6
G	**L**	16.5 x 7
H	**M**	No Brakes
W	**X**	16.5 x 8.6
Y	**Z**	16.5 x 7 (P-Type)
	2	MAXX22T

P22	TX	6	0	3	L	–	6	5	7	1	2

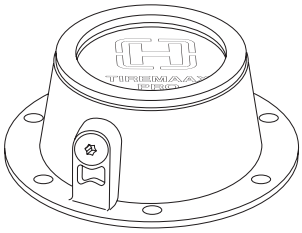
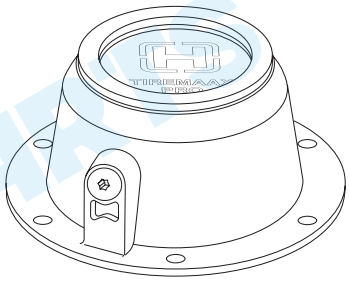
AXLE TYPE	
AX or TX	Straight Tube
AU or TU	Bent Tube

AXLE CONFIGURATION	
0	5″ (127mm) Round Axle Cam Rear
1	5″ (127mm) Round Axle Cam Front
C	Cambered 5″ (127mm)
D	Cambered 5″ (127mm) Round Cam Front
E	Cambered 5″ (127mm) Round Cam Rear

WHEEL END CONFIGURATION	
1	With no spiders, brakes, hubs & drums
2	With spuders & cam, no brakes, hubs & drums
3	With brakes, hubs & drums/rotors
4	With no brakes hubs & drums
5	With brakes, no hubs or drums
6	With brakes, hubs & drums, oil

AXLE IDENTIFICATION
HENDRICKSON HUB CAP GUIDE

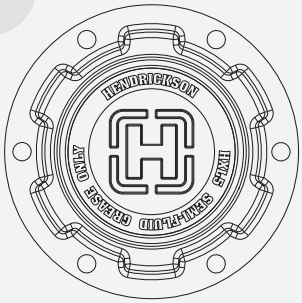
TIREMAAX HUBCAPS

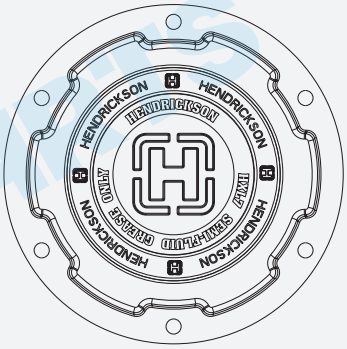
ITEM NO.		PART NO.	SPINDLE	BEARING	DESCRIPTION	NOTES
	1	97453-008		Conventional	TIREMAAX Hubcap Decal	
		97453-009		PreSet		
		97453-015		HXL2		
		97453-011		HXL5		
		97453-010		HXL7		
	2	C-32055-4	HN		TIREMAAX Hubcap	Single Wheel, without Decal
		VS-32055-3			Kit, TIREMAAX Hubcap	Dual Wheel without Decal Includes Gasket & Bolts
		C-32055-3			TIREMAAX Hubcap	Dual Wheel, without Decal
		C-32056-4	HP			Single Wheel, without Decal
		C-32056-3				Dual Wheel, without Decal

HUBCAPS DECALS

ITEM NO.		PART NO.	BEARING	DESCRIPTION	NOTES
	3	97453-004	HXL7	Hubcap Decal	Without TIREMAAX
		97453-012	HXL5		
		97453-014	HXL2		
		97453-006	PreSet		
		97453-007	Conventional		

AXLE IDENTIFICATION
HENDRICKSON HUB CAP GUIDE

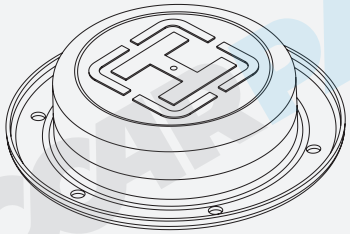
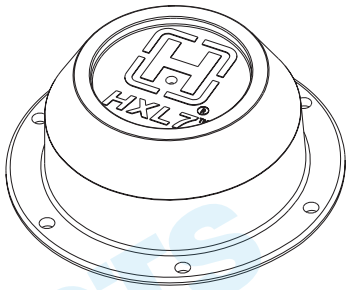
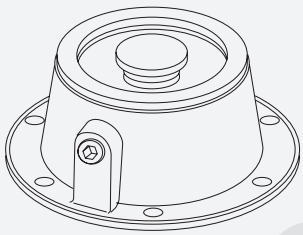
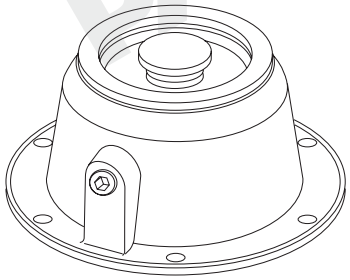




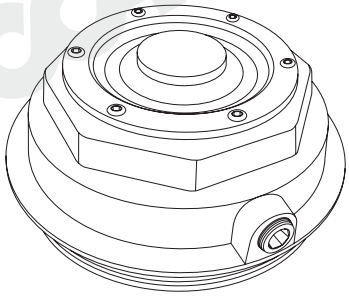
HUBCAPS

ITEM NO.		PART NO.	SPINDLE	BEARING	CHROME	DESCRIPTION
	4	98846-036P	HP	HXL7		HXL7 Standard Hubcap
		98846-037P			X	HXL7 Chrome Hubcap
		98846-061P		HXL5		HXL5 HP Standard Hubcap
		98846-062P			X	HXL5 HP Chrome Hubcap
		98846-063P	HN			HXL5 HN Standard Hubcap
		98846-064P			X	HXL5 HN Chrome Hubcap
		98846-059P	HP	HXL2		HXL2 HP Standard Hubcap
		98846-060P			X	HXL2 HP Chrome Hubcap
		98846-057P	HN			HXL2 HN Standard Hubcap
		98846-058P			X	HXL2 HN Chrome Hubcap
		98846-038P	HP	PreSet		PreSet HP Standard Hubcap
		98846-039P			X	PreSet HP Chrome Hubcap
		98846-044P	HN			PreSet HN Standard Hubcap
		98846-040P	HP	Conventional		Conventional HP Standard Hubcap
		98846-041P			X	Conventional HP Chrome Hubcap
		98846-046P	HN			Conventional HN Standard Hubcap
		98846-047P			X	Conventional HN Chrome Hubcap

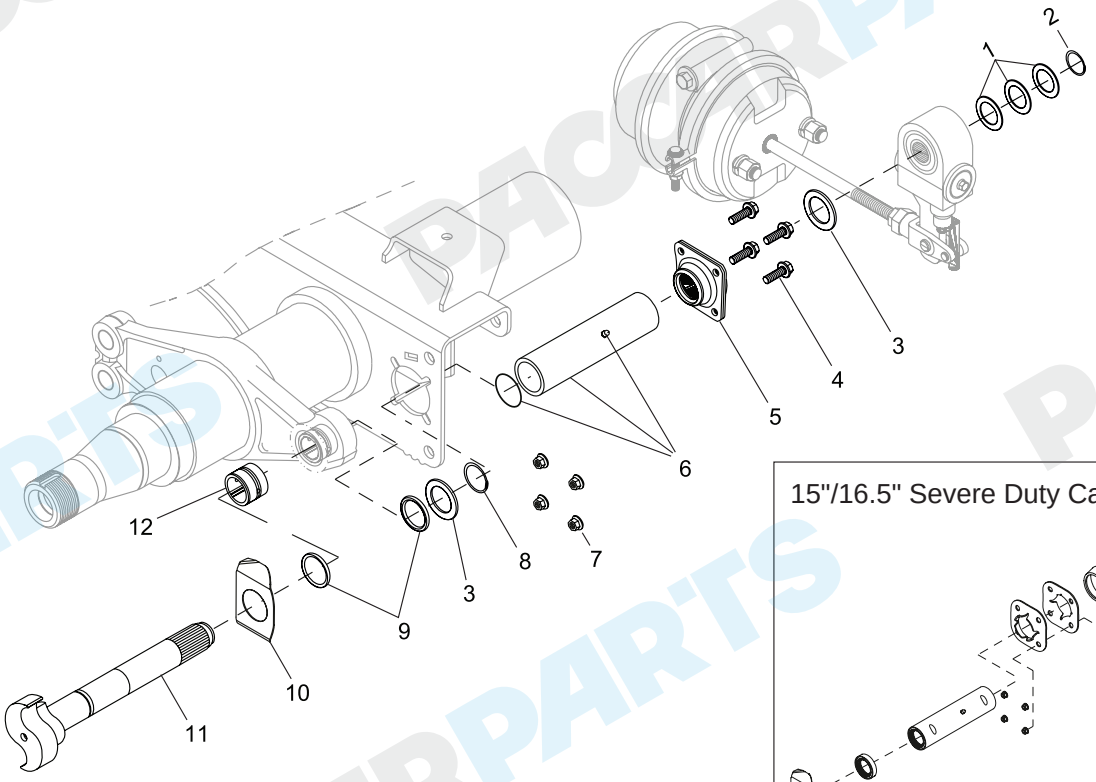
AXLE IDENTIFICATION
HENDRICKSON HUB CAP GUIDE

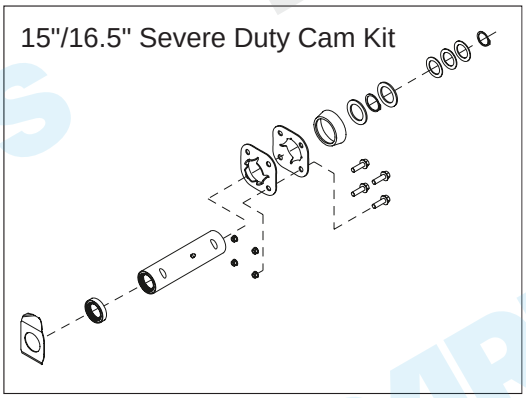
HUBCAPS							
ITEM NO.		PART NO.	SPINDLE	BEARING	CHROME	DESCRIPTION	NOTES
	5	S-32629-1	HP	Any		Pressed Steel HP Hubcap	Global Product
	6	C-34434	HP	HXL7		Cast Aluminium HP Hubcap	Global Product
	7	98796-002	HN	Oil		Stemco Oil Fill HN Hubcap	
	8	98920-002	HP	Oil		Stemco Oil Fill HP Hubcap	

AXLE IDENTIFICATION
HENDRICKSON HUB CAP GUIDE

TOOWOOMBA SCREW-ON HUBCAPS				
ITEM NO.		PART NO.	DESCRIPTION	NOTES
	9	98846-005	Screw-on Hubcap to Suit Toowoomba Hub	Includes Window & O-Ring Seal, Item 10
	10	98920-001	Window to Suit Toowoomba Screw-on Hubcap	With O-Ring Seal & Gasket, Part of Item 9

INTRAAX DRUM BRAKE
ENCLOSED 'S' CAM





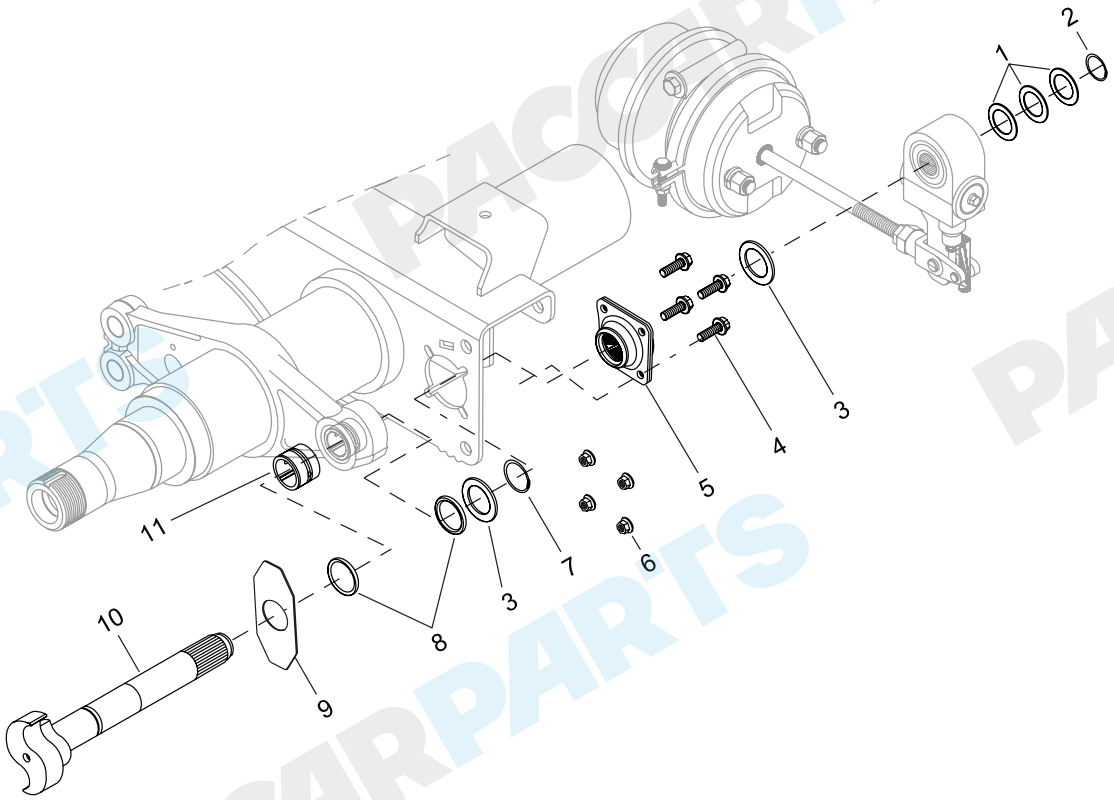
INTRAAX DRUM BRAKE
ENCLOSED 'S' CAM

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	A-20812	Washer, Outer – Slack Adjuster		6
2	A-20811	Ring, Retaining – Slack Adjuster		2
3	A-31650	Washer, Inner - 'S' Cam Shaft		4
4	SA-6900-5	Screw, Flanged – ⅜" x 1.25"		8
5	S-25440	Support Bushing Assembly, 'S' Cam		2
6	98933-011	Kit, 'S' Cam Tube	Includes Grease Nipple & Seals	2
7	SA-7000-3	Nut, Prevailing Torque – ⅜"		8
8	A-20808	Ring, Retaining – 'S' Cam Shaft		2
9	A-20807	Seal, Brake Spider – 'S' Cam Journal	*Suits 1-⅞" Journal	4
10	C-32017	Washer, 'S' Cam – Under Head		2
11	S-24636-1L	'S' Cam, Brake – LH - HXS	16.5" Brake with HXS 'S' Cam profile	1
	S-24636-1R	'S' Cam, Brake – RH - HXS		1
	S-25024-1L	'S' Cam, Brake – LH - HXS	15" Brake with HXS 'S' Cam profile	1
	S-25024-1R	'S' Cam, Brake – RH - HXS		1
12	S-20823	Bush, Brake Spider – 'S' Cam Journal	*Suits 1-⅞" Journal	2

KIT PART NUMBER LISTING				
Severe Duty Kit	S-31706	Kit, Cam Tube	15" Severe Duty	2
	98881-026	'S' Cam & Tube Kit	15" Severe Duty - Cam + Tube Includes 98881-027(LH) & 98881-028(RH)	1
	S-31703	Kit, 'S' Cam Tube	16.5" Severe Duty	2
	98881-025	'S' Cam & Tube Kit	16.5" Severe Duty - Cam + Tube Includes 98881-023(LH) & 98881-024(RH)	1

*Note: Enclosed 'S' Cam system is only suitable for INTRAAX® axles with 1-⅞" journal and is not available for INTRAAX axles with 2" journals

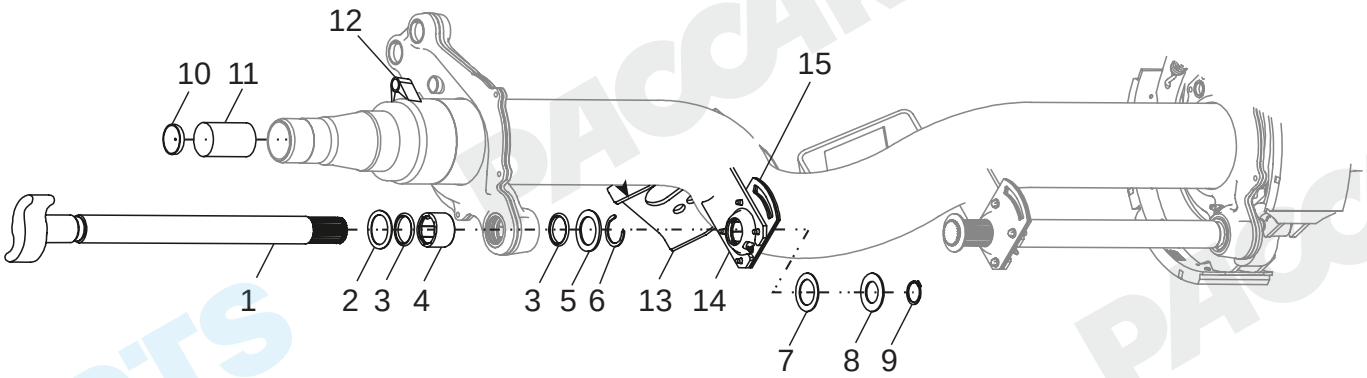
INTRAAX DRUM BRAKE
NON ENCLOSED 'S' CAM (EARLY PRE 2000)

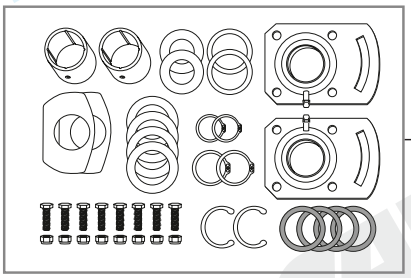


INTRAAX DRUM BRAKE
NON ENCLOSED 'S' CAM (EARLY PRE 2000)

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	A-20812	Washer, Outer – Slack Adjuster		6
2	A-20811	Ring, Retaining – Slack Adjuster		2
3	A-31650	Washer, Inner - 'S' Cam Shaft		4
4	SA-6900-5	Screw, Flanged – ⅜" x 1.25"		8
5	S-25440	Support Bushing Assembly, 'S' Cam		2
6	SA-7000-3	Nut, Prevailing Torque – ⅜"		8
7	A-20808	Ring, Retaining – 'S' Cam Shaft		2
8	A-20807	Seal, Brake Spider – 'S' Cam Journal	Suits 1-⅞" Journal	4
	S-22885	Seal, Brake Spider – 'S' Cam Journal	Suits 2" Journal	4
9	C-32017	Washer, 'S' Cam – Under Head		2
10	S-24636-1L	'S' Cam, Brake – LH - HXS	16.5" Brake with HXS 'S' Cam profile	1
	S-24636-1R	'S' Cam, Brake – RH - HXS		1
	S-25024-1L	'S' Cam, Brake – LH - HXS	15" Brake with HXS 'S' Cam profile	1
	S-25024-1R	'S' Cam, Brake – RH - HXS		1
11	S-20823	Bush, Brake Spider – 'S' Cam Journal	Suits 1-⅞" Journal	2
	S-22898		Suits 2" Journal	2

DROP AXLE 'S' CAM





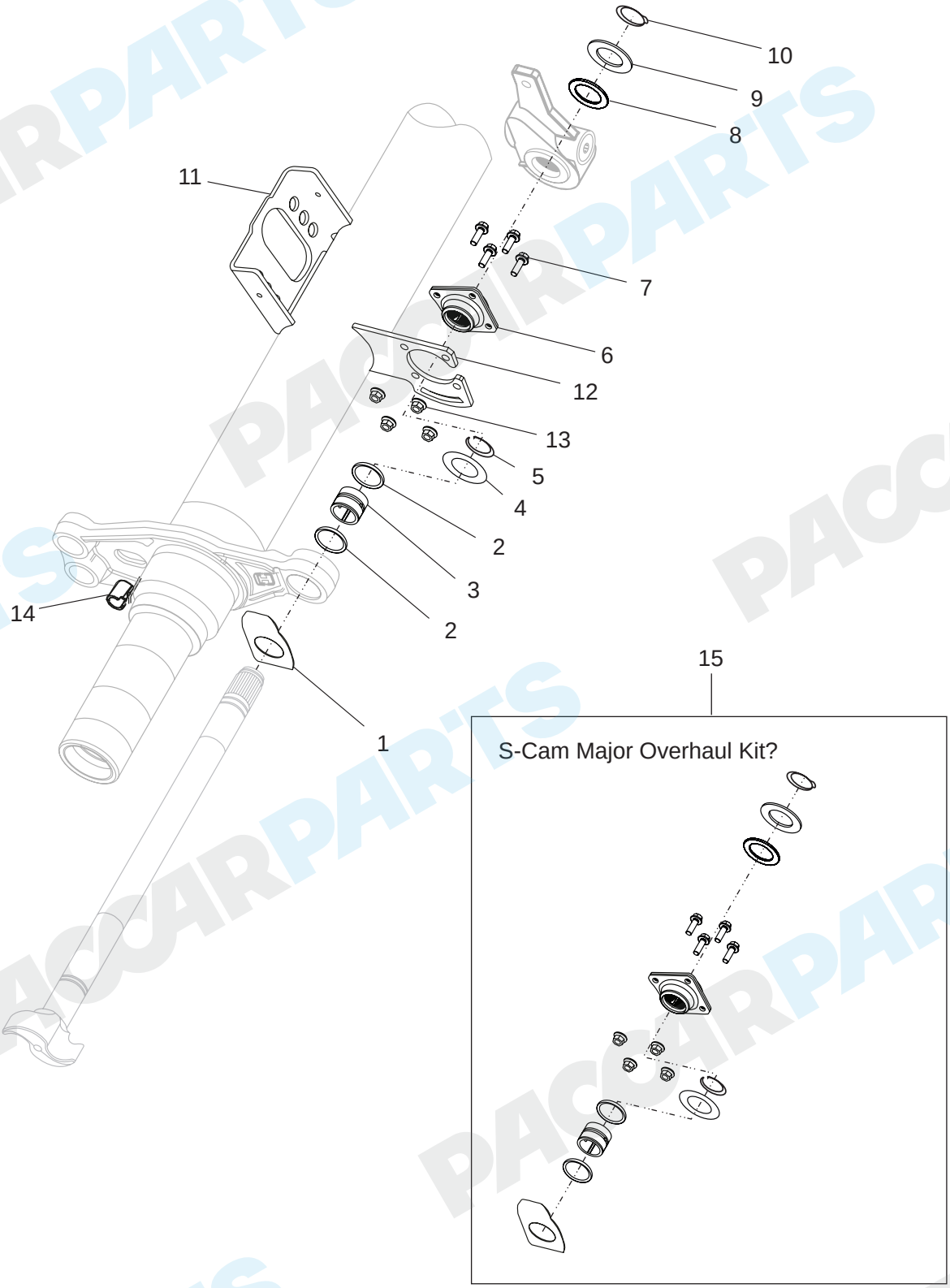
DROP AXLE 'S' CAM

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	S-30594-11L	S' Cam, Drum Brake - LH	28 Spline	1
	S-30594-11R	S' Cam, Drum Brake - RH		1
2	NSS	Washer, 'S' Cam Head	Contained in item 16	2
3		Seal – 'S' Cam		4
4		Bush, Spider – 'S' Cam		2
5		Washer, 'S' Cam		2
6		Ring, Lock – 'S' Cam		2
7		Washer, Slack Adjuster – Inner		2
8		Shim, Slack Adjuster		2
9		Retaining Ring – Slack Adjuster		2
10	NA	Plug, End – Spindle		2
11	S-24217	Filter – Axle		2
12	C-29819	Bracket, ABS Sensor – Pressed Steel		2
	S-27117	Bracket, ABS Sensor – Cast Iron		2
13	NA	Bracket, Mounting - Brake Chamber		2
14	NA	Bracket, Mounting – 'S' Cam, LH		1
		Bracket, Mounting – 'S' Cam, RH		1
15	NSS	Bearing Support Assembly	Contained in Item 16	2

KIT PART NUMBER LISTING				
16	002573	Kit, 'S' Cam Bush	Includes items 2, 3, 4, 5, 6, 7, 8, 9 & 15 Contains Retaining Ring & Washer Variations	1

Note: Enclosed 'S' Cam not available with drop axle

LOOSE AXLE
NON ENCLOSED 'S' CAM - 15" & 16.5" BRAKE

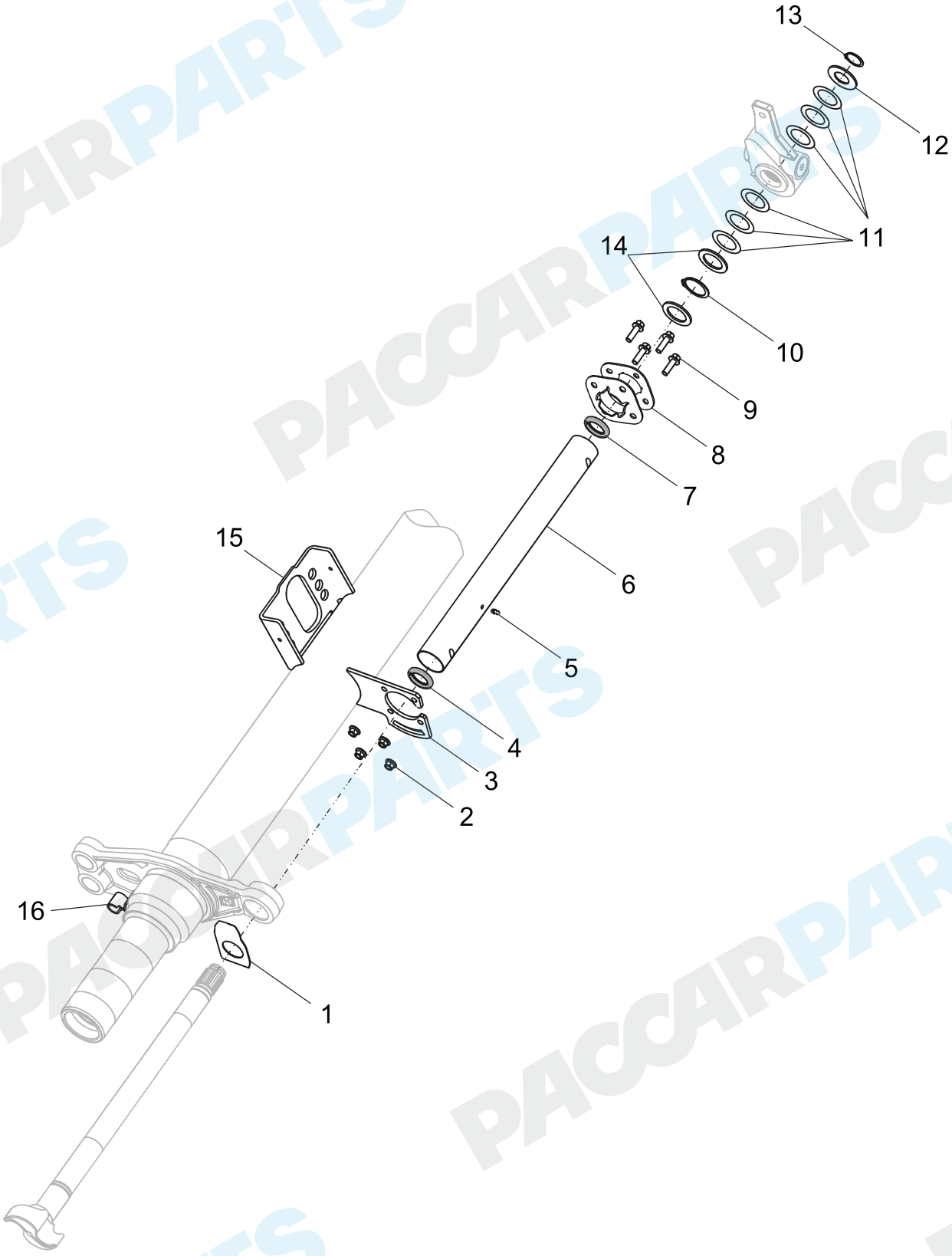


LOOSE AXLE
NON ENCLOSED 'S' CAM - 15" & 16.5" BRAKE

ITEM NO.	PART NO.	DESCRIPTION	APPLICATION	COMMENT	QTY/ AXLE
1	NSS	Washer, 'S' Cam – Outer		Contained in item 15	2
2	B-30593	Seal, 'S' Cam Spider Bush			4
3	NSS	Bush, 'S' Cam Spider			2
4		Washer, Hardened	10 Spline 'S' Cam		2
5		Snap Ring – 'S' Cam, 1.625 "			2
6		Bearing Assy – 'S' Cam, 1.625 "			2
7		Bolt, Flange – 5/16 - 18 x 1 "			8
8		Shim, 'S' Cam – 1.5 x 2.25 x 0.06"			12
9		Washer, Hardened – 1.531 x 2.25 x 0.09"	10 Spline 'S' Cam		2
		Washer, Hardened – 1.28 x 2.25 x 0.09"	28 Spline 'S' Cam		2
10		Retaining Ring, Spline	10 Spline 'S' Cam		2
			28 Spline 'S' Cam		2
11	NA	Bracket, Brake Chamber – Six Hole	Replaces four hole bracket		2
12		Bracket, 'S' Cam	16.5" Brake		2
			15" Brake		2
13	NSS	Nut, Flanged – 5/16 - 18		Contained in item 15	8
14	S-27117	Bracket, ABS Sensor – Cast Iron			2
	C-29819	Bracket, ABS Sensor – Pressed Steel			2
KIT PART NUMBER LISTING					
15	S-31964	'S' Cam Major Overhaul Kit*	Services 1 Axle	Includes items 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 & 13	1

* The 'S' Cam major overhaul kit is applicable for both 10 and 28 spline 'S' Cams.
A conversion kit PN 98111-140 is available to convert 16.5" brakes to enclosed 'S' Cams

LOOSE AXLE
ENCLOSED 'S' CAM - 15" BRAKE

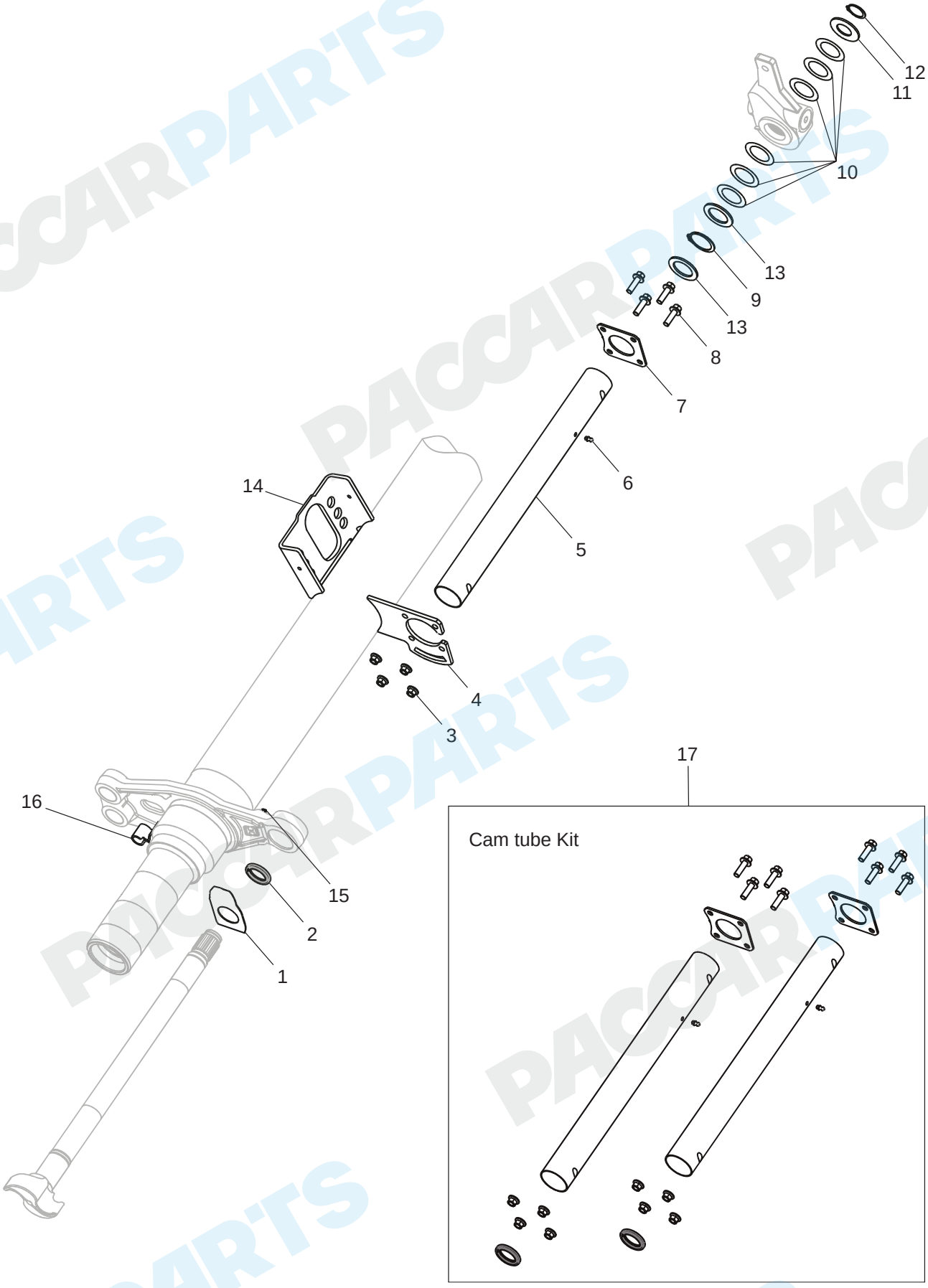


LOOSE AXLE
ENCLOSED 'S' CAM - 15" BRAKE

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	C-31197	Washer, 'S' Cam Head		2
2	SA-7000-3	Nut, Flange – ⅜" - 16		8
3	NA	Bracket, 'S' Cam	15" Brake	2
4	B-30593	Seal – Cam Spider	Contained in item 6	2
5	98884-002	Nipple, Grease – Cam Tube	Contained in item 6	2
6	C-31607-14	Tube Assy, 'S' Cam	Includes Bushes, Seals & Grease Nipple Items 4, 5 & 7	2
7	B-29332	Seal – Tube	Contained in item 6	2
8	S-28547	Bracket, Retaining – Cam Tube		2
9	SA-6900-5	Bolt, Flange – ⅜" - 16 x 1"		8
10	A-20808	Retaining Ring – 'S' Cam Tube		2
11	A-31636	Shim, 'S' Cam Spline – 1.5 x 2.25 x 0.06"		12
12	A-31635	Washer, 'S' Cam Spline – 1.28 x 2.25 x 0.09"		2
13	A-20811	Retaining Ring – 'S' Cam Spline		2
14	A-31650	Washer, 'S' Cam Journal – 1.5 x 2.25 x 0.12"		4
15	NA	Bracket, Brake Chamber – Six Hole	Replaces four hole bracket	2
16	S-27117	Bracket, ABS Sensor – Cast Iron		2
	C-29819	Bracket, ABS Sensor – Pressed Steel		2

Note: Enclosed 'S' Cam is only available with 23-¾"(Long type) 28 spline 'S' Cam TRLAXLE

LOOSE AXLE
ENCLOSED 'S' CAM - 16.5" BRAKE



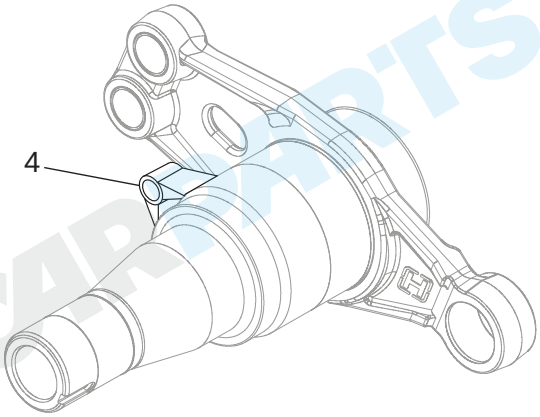
LOOSE AXLE
ENCLOSED 'S' CAM - 16.5" BRAKE

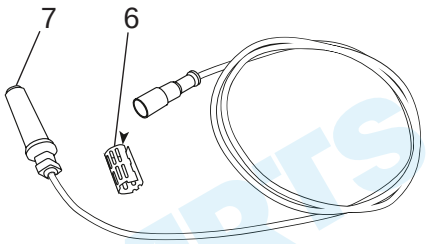
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	C-31197	Washer, 'S' Cam Head		2
2	NSS	Seal – 'S' Cam	Contained in item 17	2
3	NSS	Nut, Flange – 5/16" - 18	Contained in item 17	8
4	NA	Bracket, 'S' Cam	16.5 " Brake	2
5	NSS	Tube Assy, 'S' Cam	Contained in item 17	2
6	98884-002	Nipple, Grease – Cam Tube		2
7	NSS	Bracket, Retaining – Cam Tube		2
8	NSS	Bolt, Flange – 5/16" - 18 x 1"		8
9	A-20808	Retaining Ring – 'S' Cam Tube		2
10	A-31636	Shim, 'S' Cam Spline – 1.5 x 2.25 x 0.06"		6
11	A-31635	Washer, 'S' Cam Spline – 1.28 x 2.25 x 0.09"		2
12	A-20811	Retaining Ring – 'S' Cam Spline		2
13	A-31650	Washer, 'S' Cam Journal – 1.5 x 2.25 x 0.12"		4
14	NA	Bracket, Brake Chamber – Six Hole	Replaces four hole bracket	2
15	NA	Nipple, Grease – 45° Brake Spider		2
16	C-29819	Bracket, ABS Sensor – Pressed Steel		2
	S-27117	Bracket, ABS Sensor – Cast Iron		2

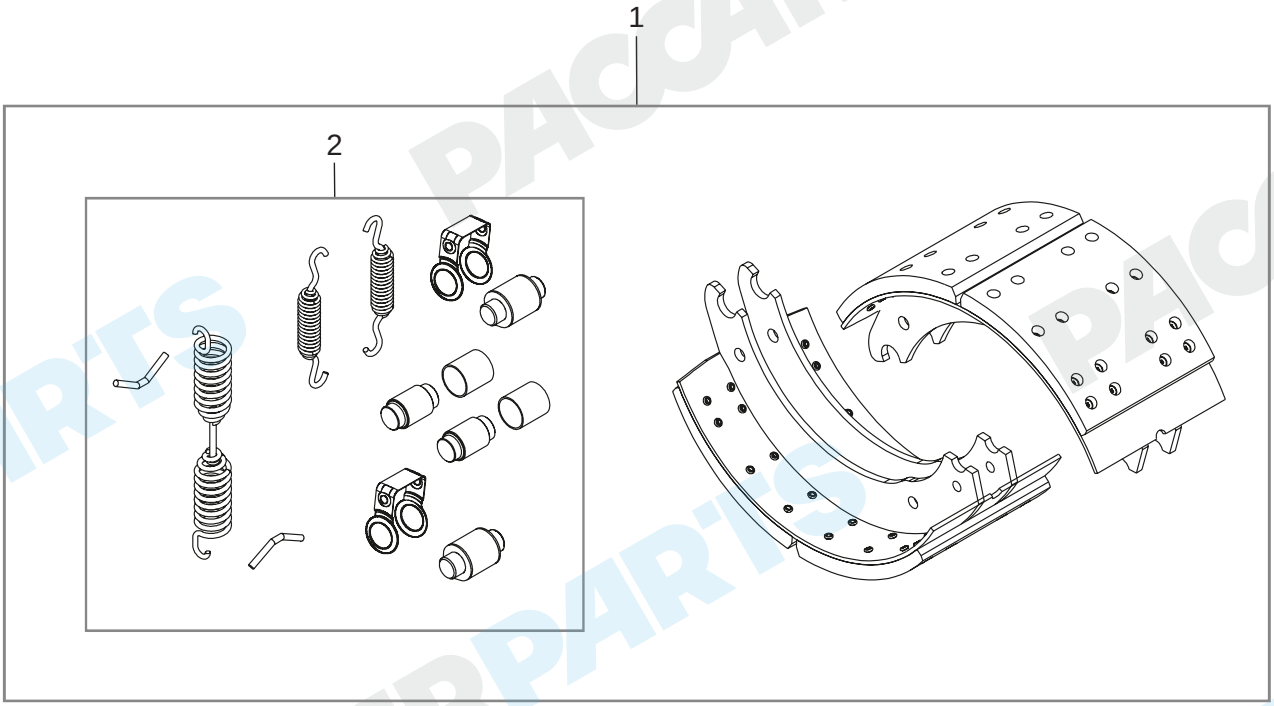
KIT PART NUMBER LISTING				
17	98111-140	Cam Tube Kit*	Includes items 2, 3, 5, 6, 7 & 8 Services 1 Axle	1

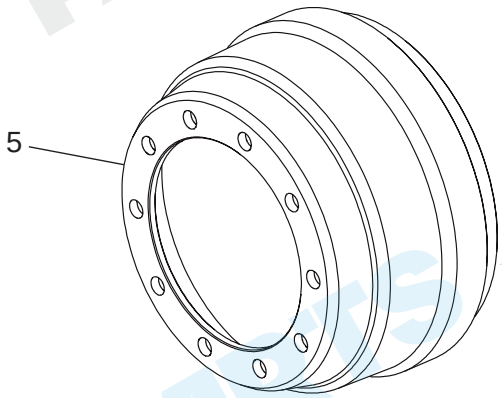
* This kit can be used when converting non-enclosed cam axles to fully enclosed. It may also be used if two new cam tubes are required.

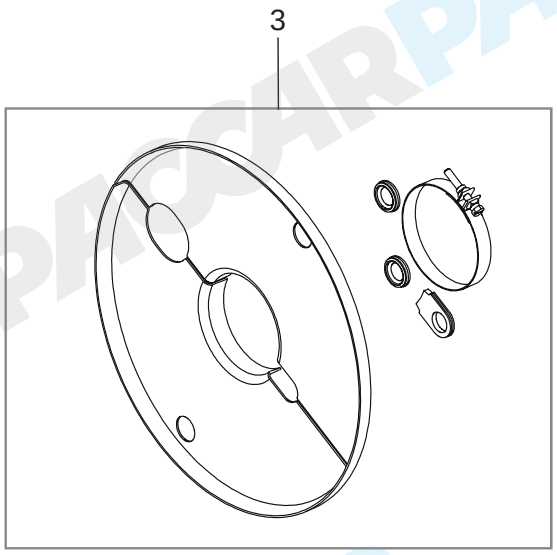
Q-BRAKE
15" & 16.5" DRUM BRAKE







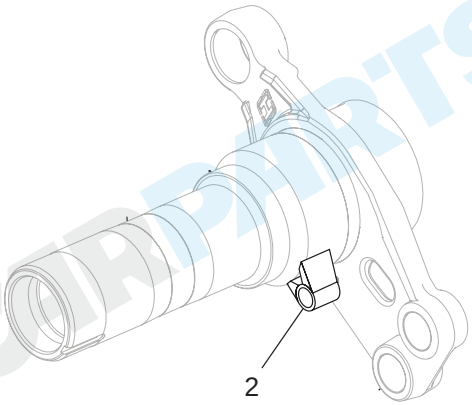


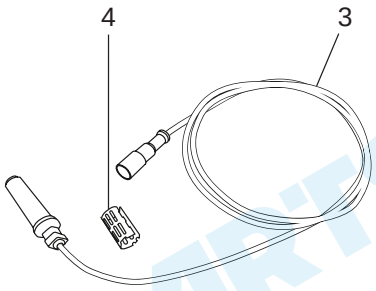


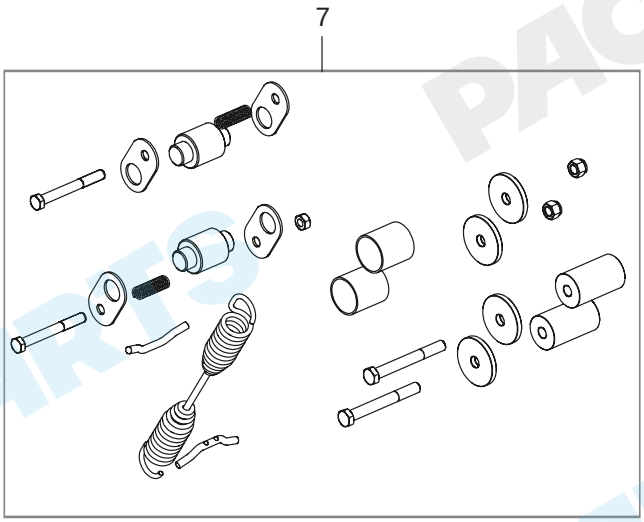
Q-BRAKE
15" & 16.5" DRUM BRAKE

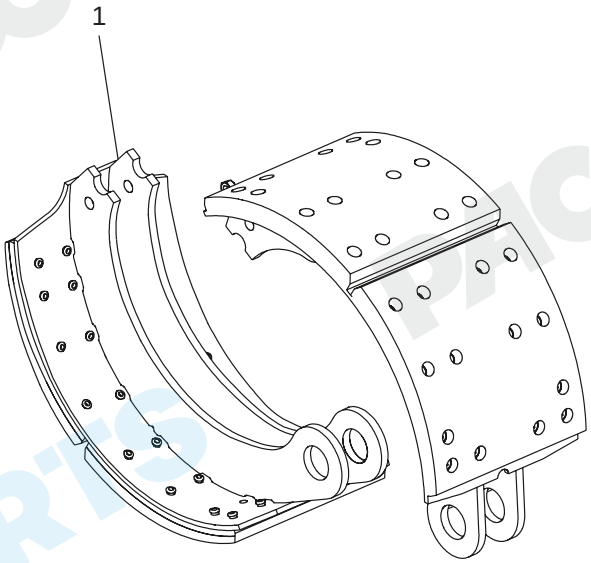
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	98881-042	Brake Overhaul Kit, 16.5" x 8-⅝" – HXS	Includes Brake Hardware – item 2	2
	S-21184-1	Brake Overhaul Kit, 16.5" x 7" – Standard		2
	S-23753-1	Brake Overhaul Kit, 16.5" x 7" – HXS		2
	S-27783-1	Brake Overhaul Kit, 15" x 8-⅝" – HXS		2
2	98881-043	Kit, Brake Hardware – 16.5" x 8-⅝"	Includes Springs, Rollers, Bushes, Pins & Clips. Included in item 1	2
	S-23752	Kit, Brake Hardware – 15" & 16.5"		2
3	S-28500-1550	15" Brake Dust Shield Kit 5" Axle	Includes Dust Shield, Clamp, Grommet & Inspection Plugs	2
	S-28500-1650	16.5" Brake Dust Shield Kit 5" Axle		2
	S-28500-1657	16.5" Brake Dust Shield Kit 5.75" Axle		2
4	S-27117	Bracket, ABS Sensor Mounting – 5" Axle	Suits 127 mm (5") Axle	2
	S-28757	Bracket, ABS Sensor Mounting – 5.75" Axle	Suits 146 mm (5.75") Axle	2
5	600026	Brake Drum, 16.5" x 8-⅝" – 10 Stud 285 PCD	CentriFuse, Hendrickson Light weight PN E39848	2
	MW89996B	Brake Drum, 16.5" x 7" – 10 Stud 285 PCD	CentriFuse, Hendrickson Light weight PN E38176	2
	S-27826	Brake Drum, 15" x 8-⅝" – 8 Stud 275 PCD	CentriFuse	2
	C-30652	Brake Drum, 16.5" x 8-⅝" – 10 Stud 335 PCD	Cast	2
	98815-025	Brake Drum, 16.5" x 8-⅝" – 10 Stud 285 PCD		2
	C-31699	Brake Drum, 16.5" x 7" – 10 Stud 335 PCD		2
	D-30114	Brake Drum, 16.5" x 7" – 10 Stud 285 PCD		2
	NSS	Brake Drum, 16.5" x 7" – 5 Spoke	Drum only. Included in 98792-013	2
	98792-013	Hub & Drum Assembly, 16.5" x 7" – 5 Spoke	HN Hub & Drum Assembly	2
6	99008-001	Clip, ABS Sensor Retainer		2
7	98831-001	Sensor, Straight ABS with 1.7m Lead		2

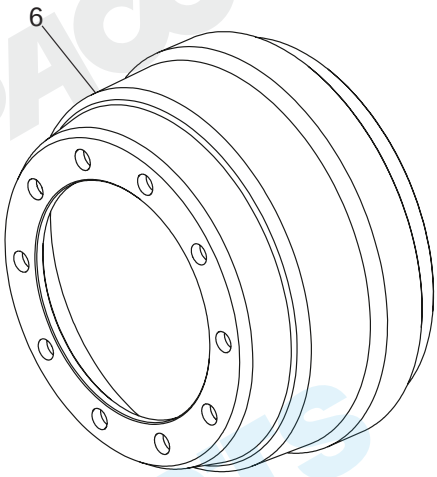
P-BRAKE
16.5" DRUM BRAKE

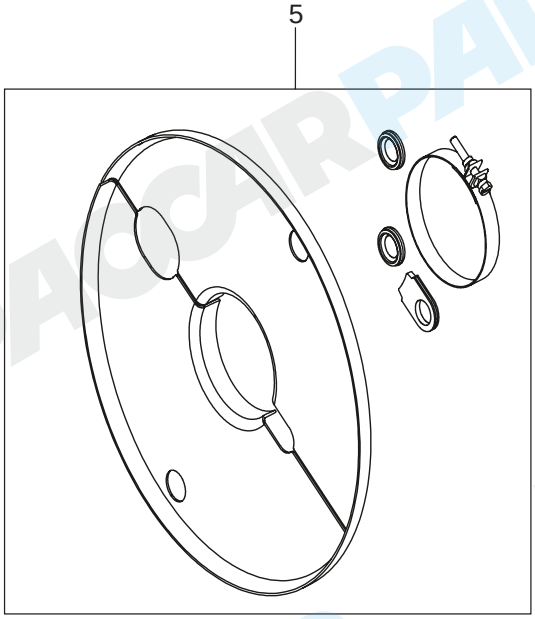








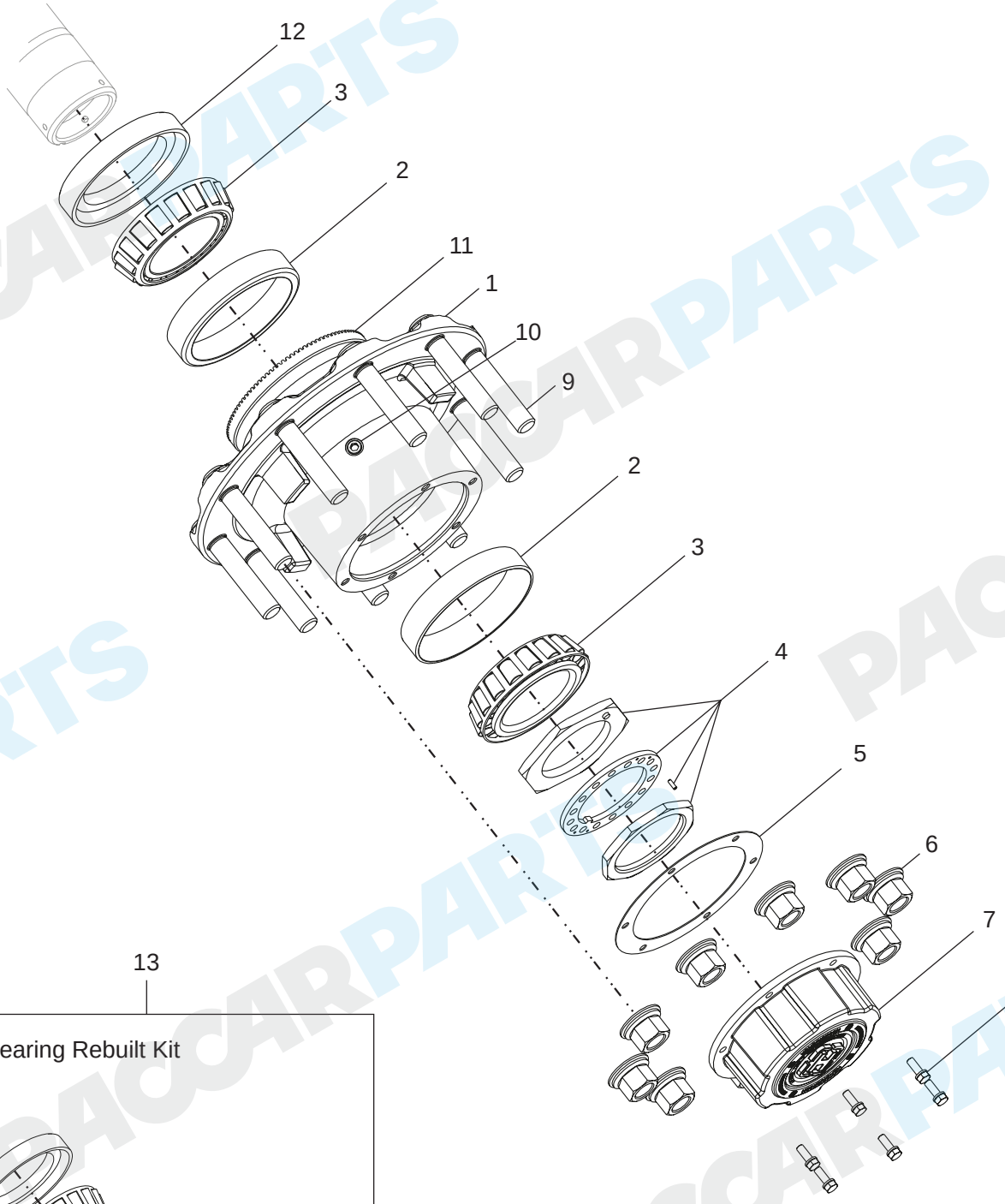




P-BRAKE
16.5" DRUM BRAKE

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	98881-007	Brake Shoe, P-Type – 16.5" x 7" HXS – MB21 Lining	Shoe Assembly only, Brake Hardware sold separately – item 7	4
	98881-029	Brake Shoe, P-Type – 16.5" x 7" HXS – H20 Lining		4
2	S-27117	Bracket, ABS Sensor Mounting – 5" Axle	Suits 127 mm (5") Axle	2
	S-28757	Bracket, ABS Sensor Mounting – 5.75" Axle	Suits 146 mm (5.75") Axle	2
3	98831-001	Sensor, Straight ABS with 1.7m lead		2
4	99008-001	Clip, Retaining – ABS Sensor		2
5	S-28500-1650	Kit, Dust Shield – 16.5" x 5" Axle	Includes Dust Shield, Clamp, Grommet & Inspection Plugs	2
	S-28500-1657	Kit, Dust Shield – 16.5" x 5.75" Axle		2
6	MW89996B	Brake Drum, 16.5" x 7" – 10 Stud 285 PCD	CentriFuse	2
	D-30114		Cast	2
	C-31699	Brake Drum, 16.5" x 7" – 10 Stud 335 PCD		2
KIT PART NUMBER LISTING				
7	98881-039	Kit, Brake Hardware	Includes Springs, Pins, Rollers, Bushes, Bolts, Nuts, Washers, Plates & Spacers	2

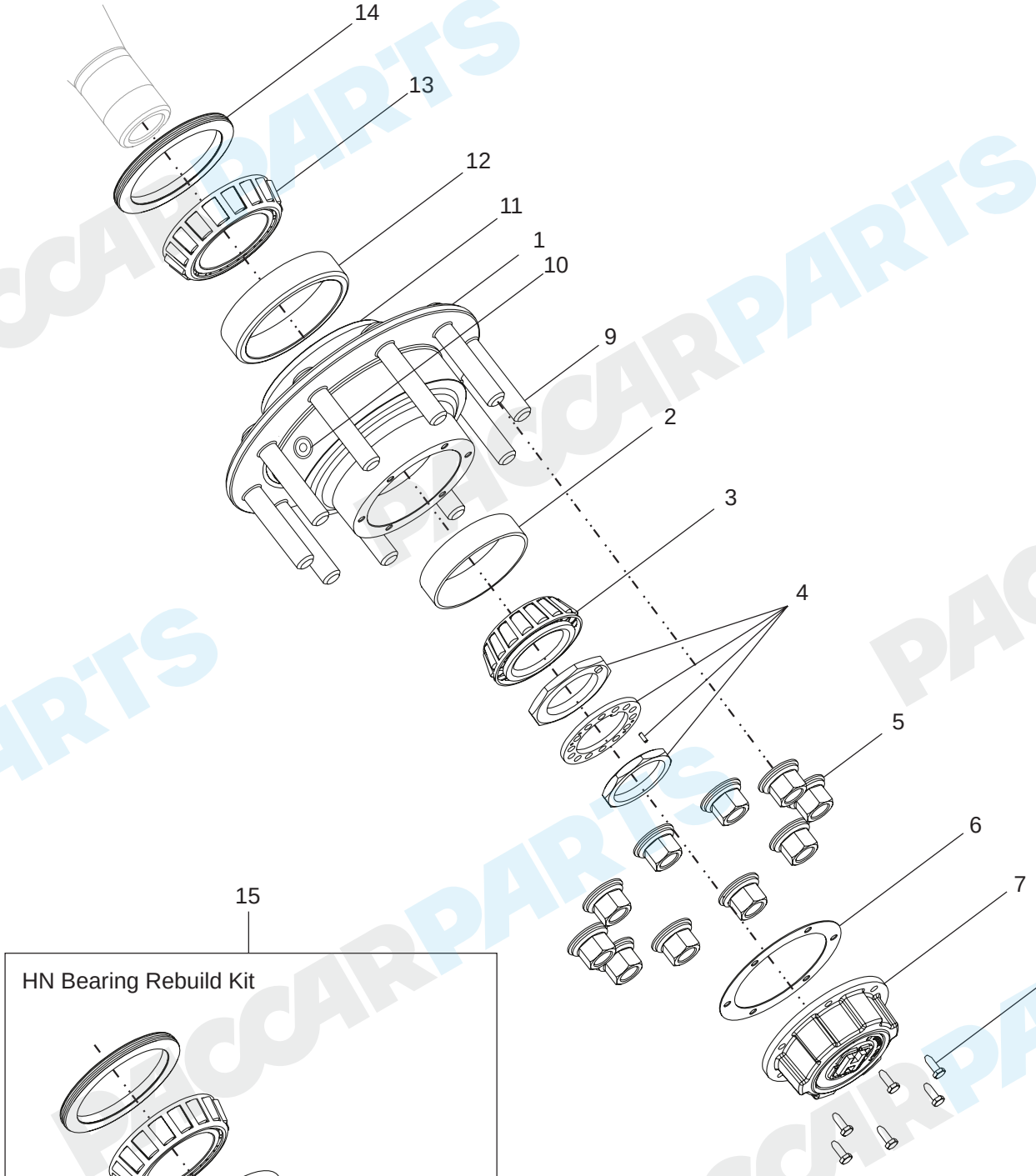
CONVENTIONAL HP DRUM BRAKE
WHEEL END - 22.5"



CONVENTIONAL HP DRUM BRAKE
WHEEL END - 22.5″

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	C-31905-6	Hub Assembly – ADI, 10 Stud 285 PCD	Includes items 2, 9, 10 & 11	2
	C-34758-4	Hub Assembly – Iron, 10 Stud 335 PCD		2
2	NSS	Bearing Cup	Included in item 1 & 13	2
3	NSS	Bearing Cone	Included in item 13	2
4	S-20475	Spindle Nut Kit – HP	Services a complete axle. Includes 2 each of Nuts, Washer & Set Screw	2
5	A-32097	Gasket, Hubcap	Included in item 13	2
6	A-24695	Nut Wheel – M22 x 1.5	Without Spacer	20
	98817-005	Nut Wheel, Long – M22 x 1.5	With Spacer	20
7	RPS	Hub Cap	Refer to Hendrickson Hub Cap Guide	2
8	98879-004	Bolt & Washer, Hubcap – 5⁄16″ UNC x 7⁄8″	Suits 285 PCD Hub includes Washer	12
	98879-002	Bolt, Hubcap – M8 x 1.25 x 20	Suits 335 PCD Hub Use Washer & Bolt Together	12
	SA-1600-7	Washer, Lock – 5⁄16″		12
9	98900-024	Stud, Wheel – M22 x 1.5 x 105 mm	Suits 285 PCD ADI Hub included in item 1	20
	98900-019	Stud, Wheel – M22 x 1.5 x 122 mm	Suits 335 PCD Iron Hub included in item 1	20
10	98934-065	Filler Plug – 9⁄16″ - 18 UNF, 285 PCD	Included in item 1	2
	NA	Filler Plug – 3⁄8″ - 18 NPT, 335 PCD		2
11	98814-020	Pulse Ring, ABS – 285 PCD	Suits 285 PCD ADI Hub included in item 1	2
	98814-009	Pulse Ring, ABS – 335 PCD	Suits 335 PCD iron Hub included in item 1	2
12	98794-002	Seal, Spindle Mounted – Standard Fitment	Special tool required included in item 13	2
	A-27268	Seal, Hub Mounted – Alternative Option	Special tool required	2
KIT PART NUMBER LISTING				
13	98800-011	Bearing Rebuild Kit	Includes Bearings, Gasket & Seal – items 2, 3, 5 & 12	2

CONVENTIONAL HN DRUM BRAKE
WHEEL END - 22.5"

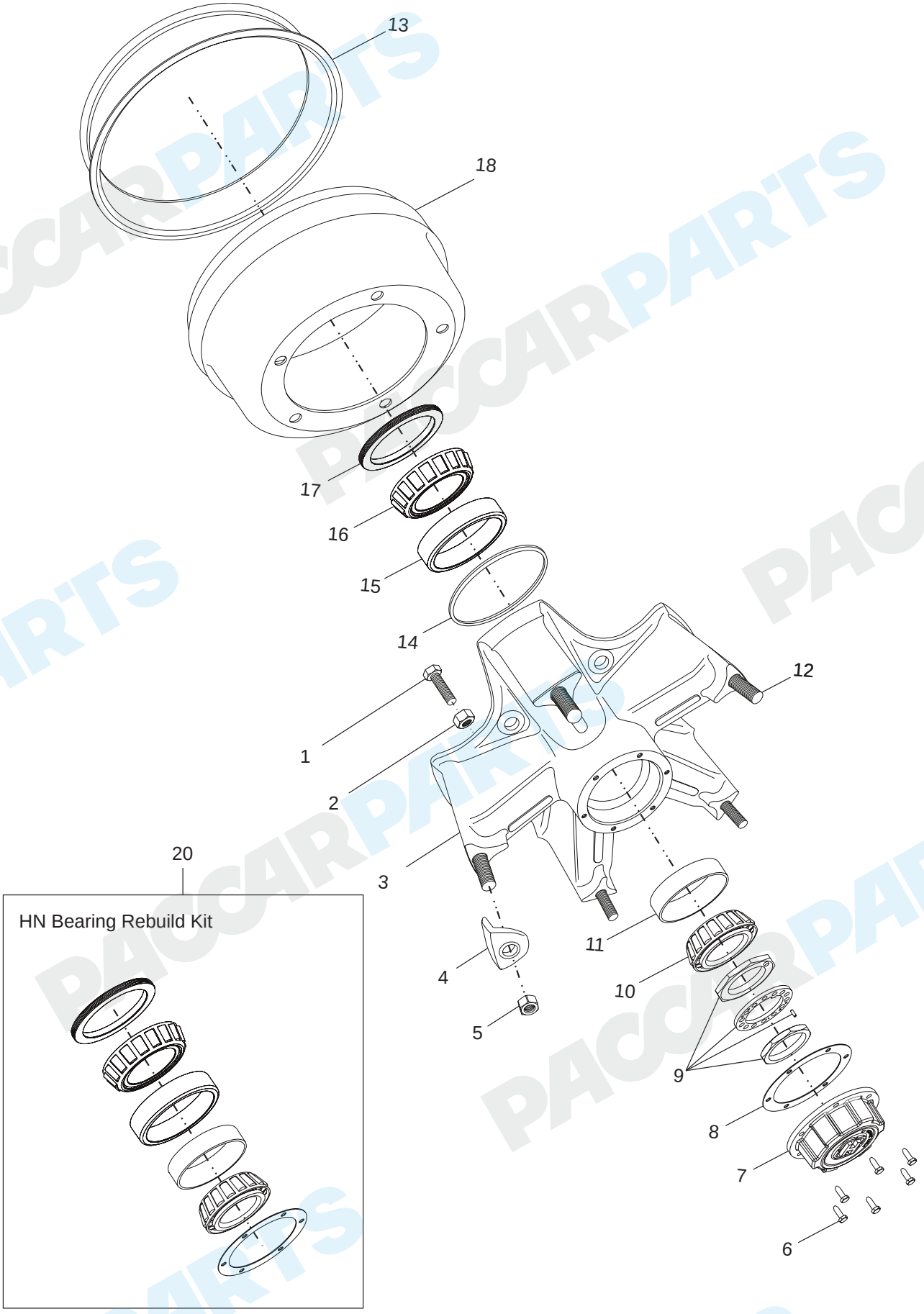


CONVENTIONAL HN DRUM BRAKE
WHEEL END - 22.5″

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	C-31906-6	Hub Assembly – ADI, 10 Stud 285 PCD	Includes items 2, 9, 10, 11 & 12	2
	D-33466-4	Hub Assembly – Ductile Iron, 10 Stud 335 PCD		2
2	NSS	Bearing Cup, Outer	Included in item 1 & 15	2
3	NSS	Bearing Cone, Outer	Included in item 15	2
4	A-20492	Spindle Nut Kit – HN	Services a complete axle Includes 2 each of Nuts, Washer & Set Screw	2
5	A-24695	Nut Wheel, Standard – M22 x 1.5	Without spacer. Part of item 1	20
	98817-005	Nut Wheel, Long – M22 x 1.5	With spacer. Part of item 1	20
6	A-32098	Gasket, Hubcap	Included in item 15	2
7	RPS	Hubcap	Refer to Hendrickson Hub Cap Guide	2
8	98879-004	Bolt & Washer, Hubcap – 5/16″ UNC x 7/8″	Suits 285 PCD Hub. Includes Washer	12
	98879-002	Bolt, Hubcap – M8 x 1.25 x 20	Suits 335 PCD Hub Use Washer & Bolt together	12
	SA-1600-7	Washer, lock – 5/16″		12
9	98900-019	Stud, Wheel – M22 x 1.5 x 122 mm	Suits 335 PCD Iron Hub. Included in item 1	20
	98900-024	Stud, Wheel – M22 x 1.5 x 105 mm	Suits 285 PCD ADI Hub. Included in item 1	20
10	98934-065	Filler Plug – 9/16″ - 18 UNF, 285 PCD	Included in item 1	2
	NA	Filler Plug – 3/8″ - 18 NPT, 335 PCD		2
11	98814-020	Pulse Ring, ABS – 285 PCD	Suits 285 PCD ADI Hub. Included in item 1	2
	98814-009	Pulse Ring, ABS – 335 PCD	Suits 335 PCD Iron Hub. Included in item 1	2
12	NSS	Bearing Cup, Inner	Included in item 15	2
13	NSS	Bearing Cone, Inner		2
14	98794-012	Seal, Spindle Mounted – Standard Fitment		2
	S-27267	Seal, Hub Mounted – Alternative Option	Special tool required	2
	98794-006		Hand installed	2
KIT PART NUMBER LISTING				
15	98800-010	Bearing Rebuild Kit	Includes Bearings, Gasket & Seal – items 2, 3, 6, 12, 13 & 14	2

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

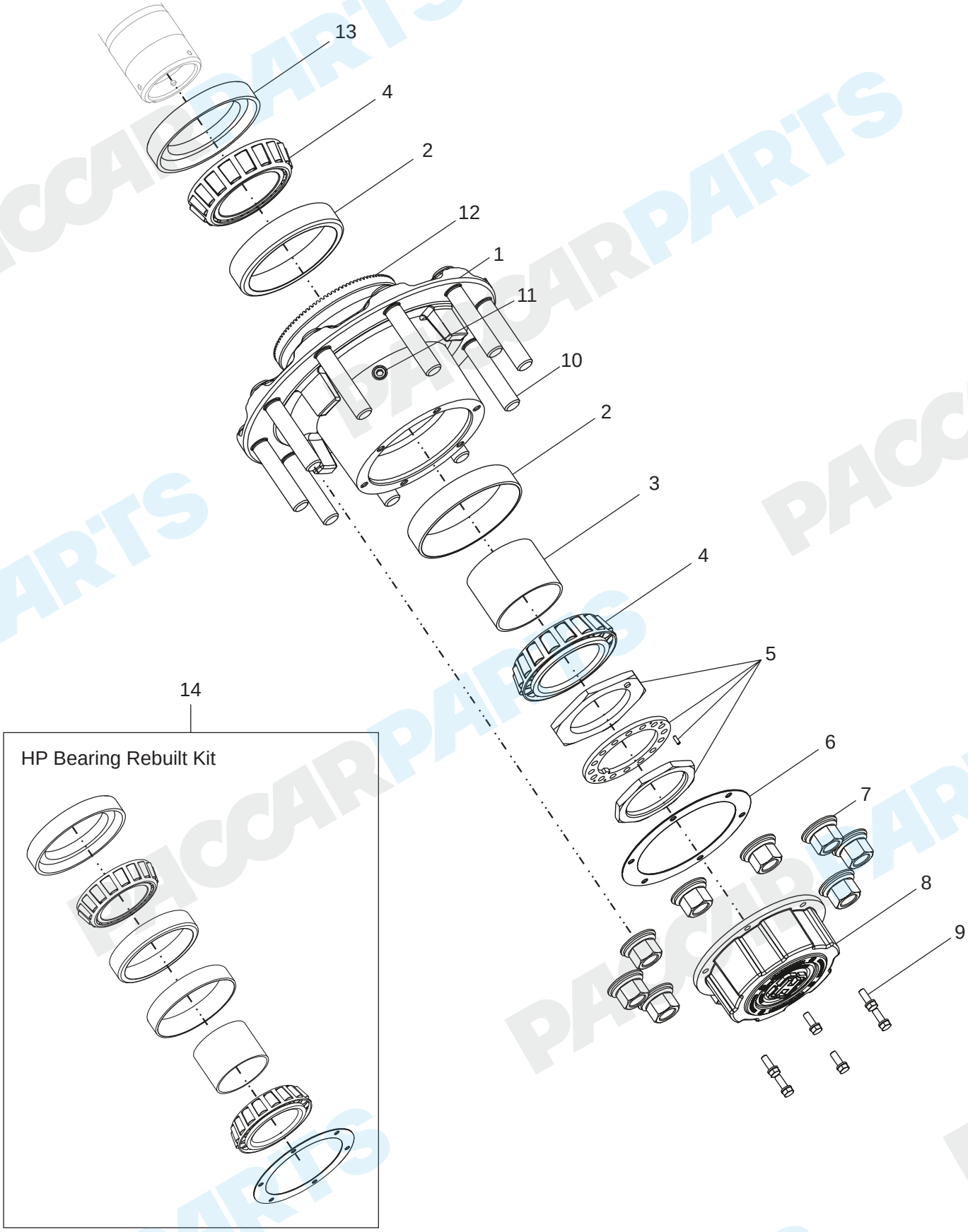
CONVENTIONAL HN 5 SPOKE SPIDER
WHEEL END - 22.5"



CONVENTIONAL HN 5 SPOKE SPIDER
WHEEL END - 22.5″

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	NSS	Bolt, Drum to Hub – ¾″ - 16 UNF	Included in item 19	10
2		Nut, Drum to Hub – ¾″ - 16 UNF		10
3		Hub, 5 Spoke – Iron, 16.5″ x 7″		2
4		Clamp, Wheel Rim		10
5		Nut, Wheel Rim – ¾″ - 10 UNC		10
6	98879-004	Bolt, Hubcap – 5⁄16″ UNC x ⅞″	Includes Washer	12
7	RPS	Hubcap	Refer to Hendrickson Hub Cap Guide	2
8	A-32098	Gasket, Hubcap	Included in item 20	2
9	A-20492	Spindle Nut Kit – HN	Includes 2 each Nuts, Washers & Set Screws to suit 2 Wheel Ends	2
10	NSS	Bearing Cone, Outer	Included in item 20	2
11		Bearing Cup, Outer	Included in item 20. Also included in item 19	2
12		Stud, Wheel Rim – ¾″ - 10 UNC x 3″	Included in item 19	10
13		Spacer, Wheel Rim – 20″ x 4″		2
14	98814-009	ABS Tone Ring, 100 Tooth		2
15	NSS	Bearing Cup, Inner	Included in item 20. Also included in item 19	2
16	NSS	Bearing Cone, Inner	Included in item 20	2
17	98794-012	Seal, Spindle Mounted – Standard Fitment	Special tool required. Included in item 20	2
	S-27267	Seal, Hub Mounted – Alternative Option	Special tool required	2
	98794-006		Hand installed	2
18	NA	Brake Drum	Use Item 19	2
19	98792-013	Hub & Drum Assembly, 5 Spoke – Iron, 16.5″ x 7″	Includes Drum, Hub & Hardware – items 1, 2, 3, 4, 5, 11, 12, 13, 14, 15 & 18	2
KIT PART NUMBER LISTING				
20	98800-010	Bearing Rebuild Kit	Includes Bearings, Gasket & Seal – items 8, 10, 11, 15, 16 & 17	1

PRESET HP DRUM BRAKE
WHEEL END - 22.5"



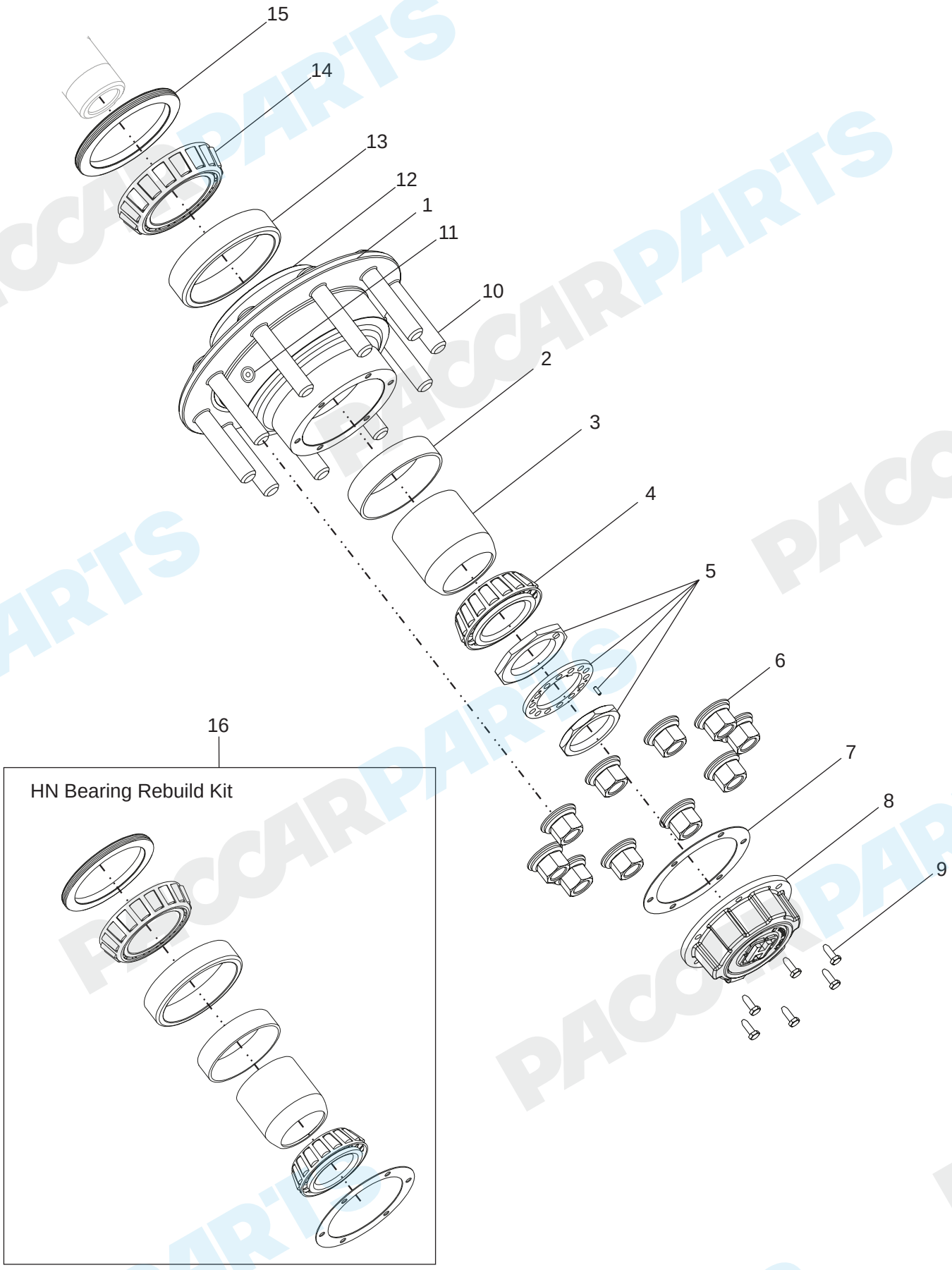
PRESET HP DRUM BRAKE
WHEEL END - 22.5″

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	NSS	Hub	Included in complete Hub Kit – item 16	2
2		Bearing Cup	Included in item 14 & 16	2
3		PreSet Spacer*	Included in item 14, 15 & 16	2
4		Bearing Cone	Included in item 14 & 16	2
5	S-20475	Spindle Nut Kit – HP	Services a complete axle. Includes 2 each of Nuts, Washer & Set Screw	2
6	A-32097	Gasket, Hubcap	Included in items 14 & 16	2
7	A-24695	Nut Wheel, Standard – M22 x 1.5	Without Spacer	20
	98817-005	Nut Wheel, Long – M22 x 1.5	With Spacer	20
8	RPS	Hubcap	Refer to Hendrickson Hub Cap Guide	2
9	98879-004	Bolt, Hubcap – 5⁄16″ UNC x 7⁄8″	Includes Washer	12
10	98900-021	Stud, Wheel – M22 x 1.5 x 135 mm	Included in item 16	20
11	98934-065	Filler Plug – 9⁄16″ - 18 UNF		2
12	98814-003	Pulse Ring, ABS		2
13	A-27268	Seal, Hub Mounted*	Included in items 15 & 16	2

KIT PART NUMBER LISTING				
14	97098-003	Bearing Rebuild Kit with Bearings, Spacer & Seal	Includes Bearings, Spacer, Gasket & Seal – items 2, 3, 4, 6 & 13	2
15(NS)	97097-031	Spacer & Seal Kit, HP PreSet	Includes Spacer & Seal – items 3 & 13	2
16(NS)	98818-057	Hub Kit – Aluminium, 10 Stud 285 PCD	Includes Hub, Bearings, Spacer & Seal – items 1, 2, 3, 4, 10, 11, 12 & 13	2

* Please change the PreSet bearing spacer when replacing the hub seal

PRESET HN DRUM BRAKE
WHEEL END - 19.5" & 22.5"



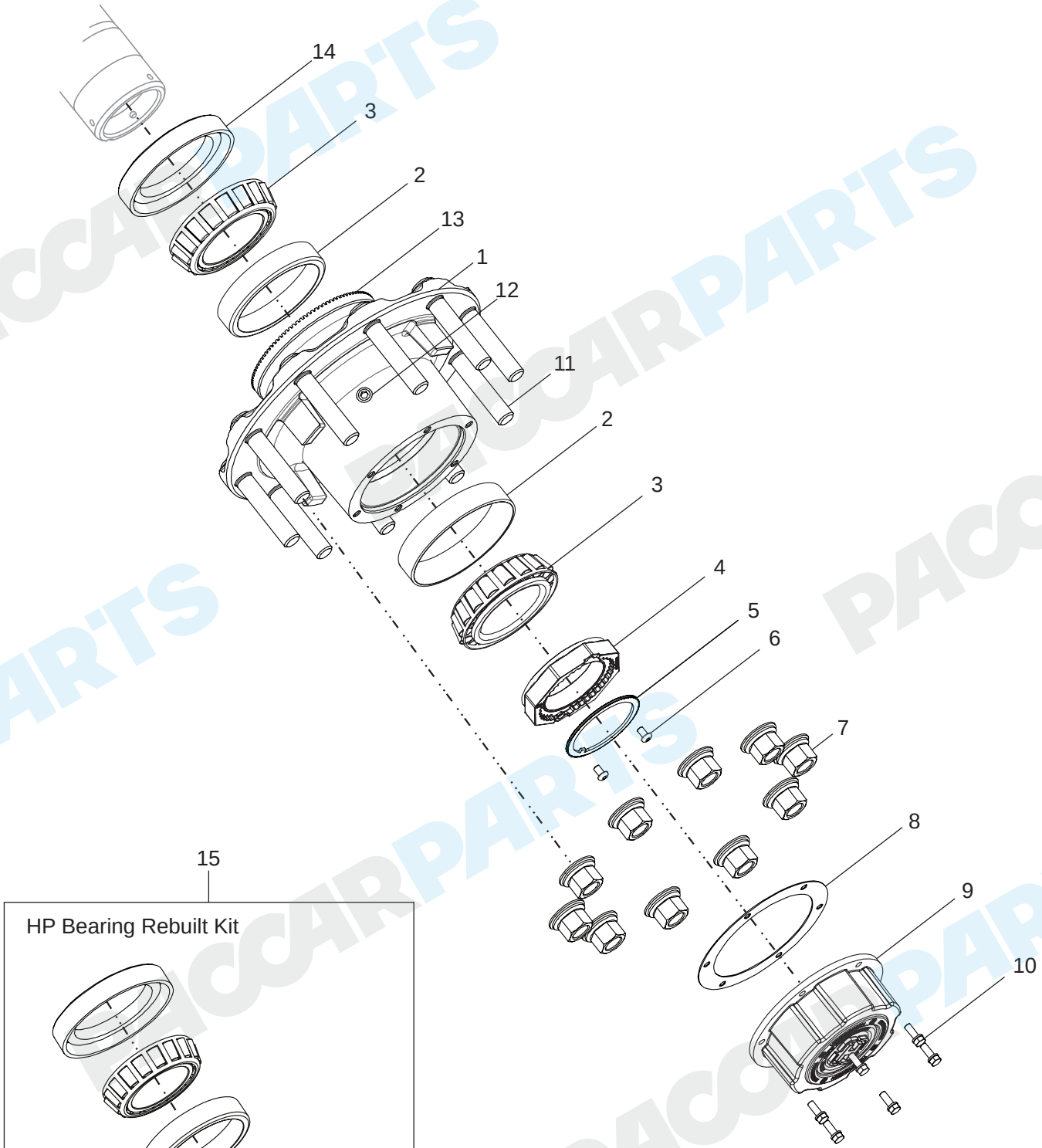
PRESET HN DRUM BRAKE
WHEEL END - 19.5" & 22.5"

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	NSS	Hub	Included in Hub replacement kit – item 18	2
2		Bearing Cup, Outer	Included in item 16 & 18	2
3		PreSet HN Spacer*	Included in item 16, 17, 18	2
4		Bearing Cone, Outer	Included in item 16 & 18	2
5	A-20492	Spindle Nut Kit – HN	Services a complete axle Includes 2 each of Nuts, Washer & Wet Screw	2
6	A-24695	Nut Wheel, Standard – M22 x 1.5	Without Spacer	20
	98817-005	Nut Wheel, Long – M22 x 1.5	With Spacer	20
7	A-32098	Gasket, Hubcap		2
8	RPS	Hubcap	Refer to Hendrickson Hub Cap Guide	2
9	98879-004	Bolt & Washer, Hubcap – 5/16" UNC x 7/8"	Suits 275 & 285 PCD Hub Includes Washer	12
	98879-002	Bolt, Hubcap – M8 x 1.25 x 20	Suits 335 PCD Hub Use Washer & Bolt together	12
	SA-1600-7	Washer, Lock – 5/16"		12
10	98900-002	Stud, Wheel – M22 x 1.5 x 125 mm	Included in item 18	20
11	98934-065	Filler Plug – 9/16" - 18 UNF	Included in item 18	2
12	98814-003	Pulse Ring, ABS	Suits 275 & 285 PCD Hub included in item 18	2
	98814-002		Suits 335 PCD Hub included in item 18	2
13	NSS	Bearing Cup, Inner	Included in item 16. Also included in item 18	2
14	NSS	Bearing Cone, Inner	Included in item 16. Also included in item 18	2
15	S-27267	Seal, Hub Mounted – Standard fitment*	Included in items 17 & 18	2
	98794-006	Seal, Hub Mounted	For hand installation	2

KIT PART NUMBER LISTING				
16	97098-002	Bearing Rebuild Kit	Includes Bearings, Spacer, Gasket & Seal – items 2, 3, 4, 7, 13, 14 & 15	2
17(NS)	97097-030	Seal & Spacer Kit	Includes Seal & Spacer – items 3 & 15	2
18(NS)	98818-055	Hub Replacement Kit – Aluminium, 8 Stud 275 PCD	Hub kit includes Hub, Bearings, Spacer & Seal – items 1, 2, 3, 4, 10, 11, 12, 13, 14 & 15	2
	98818-056	Hub Replacement Kit – Aluminium, 10 Stud 285 PCD		2
	98818-058	Hub Replacement Kit – Aluminium, 10 Stud 335 PCD		2

* Please change the PreSet bearing spacer when replacing the hub seal

HXL2 & HXL5 HP DRUM BRAKE
WHEEL END – 22.5″

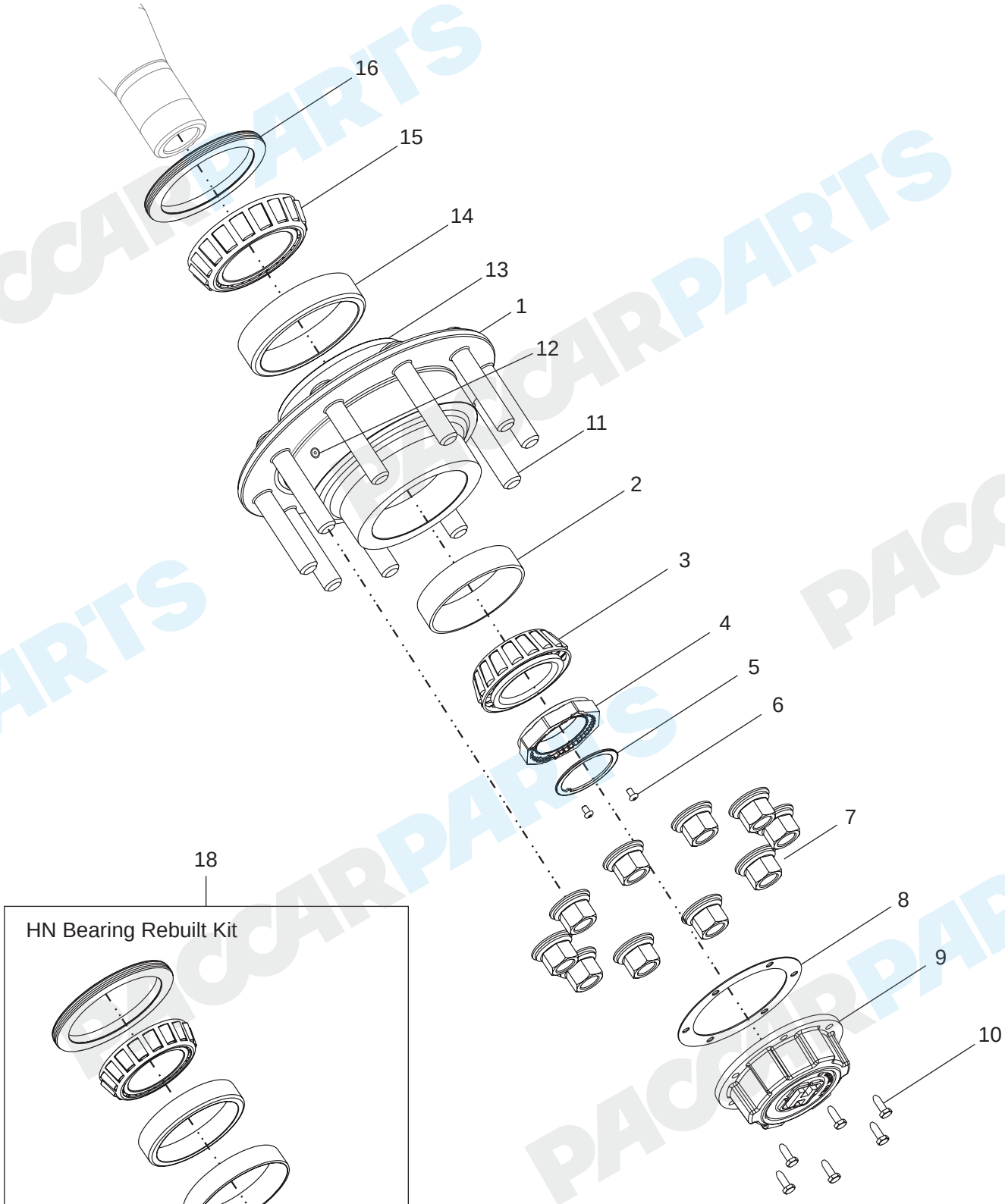


HXL2 & HXL5 HP DRUM BRAKE
WHEEL END – 22.5″

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	NSS	Hub	Included in complete hub kit – item 17	2
2		Bearing Cup	Included in item 15 & 17	4
3		Bearing Cone	Included in item 15 & 17	4
4		Spindle Nut – PRECISION320	Included in item 16 & 17	2
5		Washer, Interlock – PRECISION320		2
6	SA-14400-1	Cap Screw, Button Head		4
7	A-24695	Nut Wheel, Standard – M22 x 1.5	Without Spacer	20
	98817-005	Nut Wheel, Long – M22 x 1.5	With Spacer	20
8	A-32097	Gasket, Hubcap	Included in items 15 & 17	2
9	RPS	Hubcap	Refer to Hendrickson Hub Cap Guide	2
10	98879-004	Bolt & Washer, Hubcap – 5⁄16″ UNC x 7⁄8″	Suits 285 PCD Hub Includes Washer	12
	98879-002	Bolt, Hubcap – M8 x 1.25 x 20	Suits 335 PCD Hub Use Washer & Bolt together	12
	SA-1600-7	Washer, lock – 5⁄16″		12
11	98900-024	Stud – ADI Hub M22 x 1.5 x 105 mm	Included in item 17	20
	98900-019	Stud – Ductile Iron Hub M22 x 1.5 x 122 mm		20
12	98934-065	Filler Plug – 9⁄16″ - 18 UNF, ADI Hub		2
	NA	Filler Plug – 3⁄8″ - 18 NPT, Ductile Iron Hub		2
13	98814-020	Pulse Ring, ABS – ADI 285 PCD Hub		2
	98814-009	Pulse Ring, ABS – Ductile Iron 335 PCD Hub		2
14	A-27268	Seal, Hub Mounted	Included in items 15 & 17. Special tool required	2

KIT PART NUMBER LISTING				
15	98801-067	Bearing Rebuild Kit	Includes Bearings, Gasket & Seal – items 2, 3, 8 & 14	2
16(NS)	S-32844/2	Spindle Nut Kit	Includes Nut, Washer & Cap Screws – items 4, 5 & 6	2
17(NS)	98818-059	Hub Replacement Kit – ADI, 10 Stud 285 PCD	Kit includes Hub, Bearings, Hub Nut, Gasket & Seal – items 1, 2, 3, 4, 5, 6, 8, 11, 12, 13 & 14	2
	98818-060	Hub Replacement Kit – Ductile Iron, 10 Stud 335 PCD		2

HXL2 & HXL5 HN DRUM BRAKE
WHEEL END – 22.5"

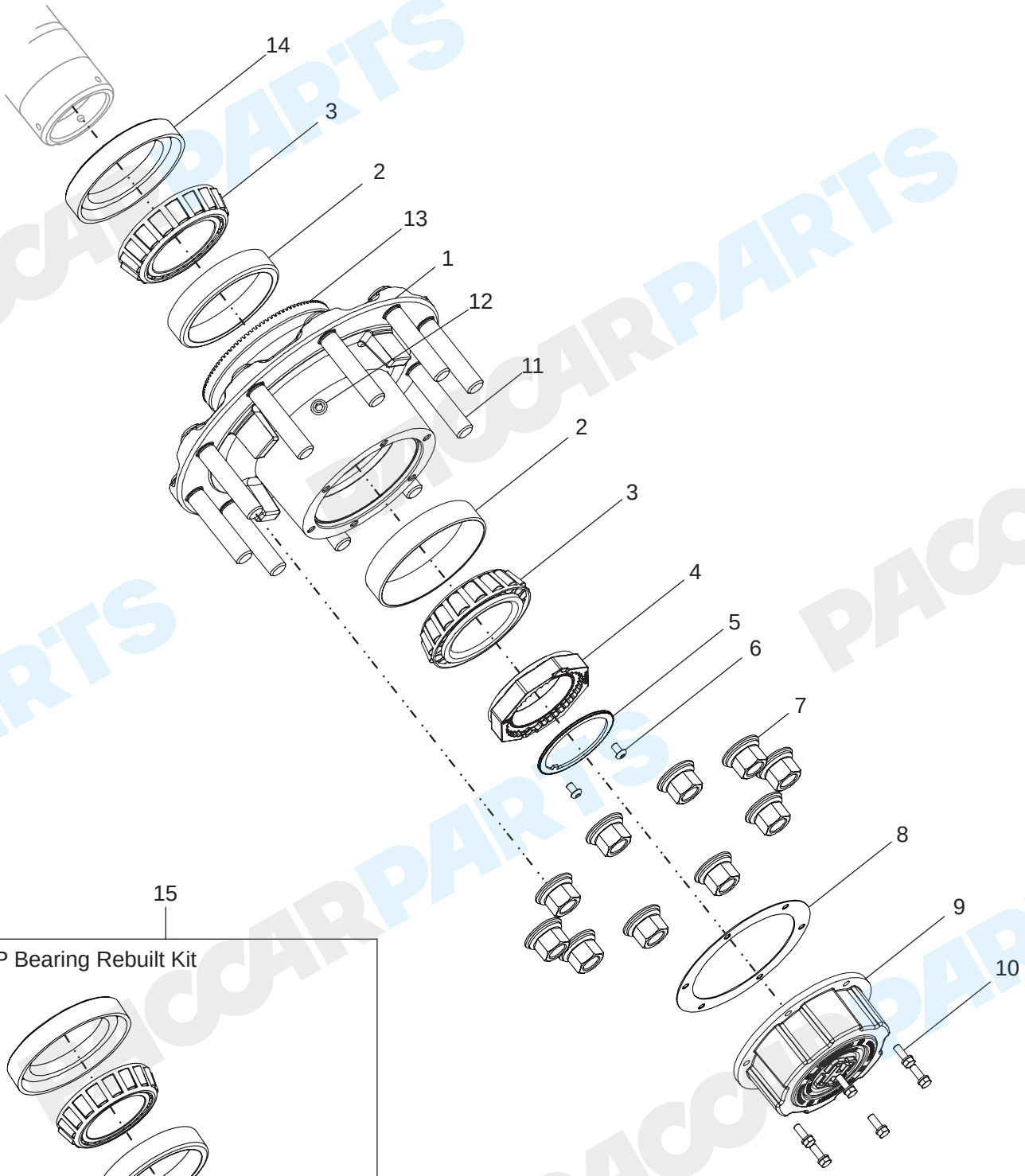


HXL2 & HXL5 HN DRUM BRAKE
WHEEL END – 22.5″

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	NSS	Hub	Included in complete Hub Kit – item 19	2
2		Bearing Cup, Outer	Included in item 18 & 19	2
3		Bearing Cone, Outer	Included in item 18 & 19	2
4		Spindle Nut – PRECISION240®	Included in item 17 & 19	2
5		Washer, Interlock – PRECISION240		2
6	SA-14400-2	Cap Screw – Button Head, ¼″ - 20 x ½″		4
7	A-24695	Nut Wheel, Standard – M22 x 15	Without Spacer	20
	98817-005	Nut Wheel, Long – M22 x 15	With Spacer	20
8	A-32098	Gasket, Hubcap	Included in items 18 & 19	2
9	RPS	Hubcap	Refer to Hendrickson Hub Cap Guide	2
10	98879-004	Bolt & Washer, Hubcap – 5⁄16″ UNC x 7⁄8″	Suits 285 PCD Hub includes Washer	12
	98879-002	Bolt, Hubcap – M8 x 125 x 20	Suits 335 PCD Hub Use Washer & Bolt together	12
	SA-1600-7	Washer, Lock – 5⁄16″		12
11	98900-024	Stud – ADI Hub M22 x 15 x 105 mm	Included in item 19	20
	98900-019	Stud – Aluminium M22 x 15 x 122 mm		20
12	98934-065	Filler Plug – 9⁄16″ - 18 UNF, ADI & Aluminium Hub		2
13	98814-020	Pulse Ring, ABS – 285 PCD ADI Hub		2
	98814-009	Pulse Ring, ABS – 335 PCD Aluminium Hub		2
14	NSS	Bearing Cup, Inner	Included in item 18 & 19	2
15	NSS	Bearing Cone, Inner		2
16	S-27267	Seal, Hub Mounted		2

KIT PART NUMBER LISTING				
17(NS)	S-33332/2	Spindle Nut Kit	Includes Nut, Washer & Cap Screws – items 4, 5 & 6	2
18	98801-074	Bearing Rebuild Kit	Includes Bearings, Gasket & Seal – items 2, 3, 8, 14, 15 & 16	2
19(NS)	98818-064	Hub Replacement Kit – ADI, 10 Stud 285 PCD	Includes Hub, Bearings, Hub Nut, Gasket & Seal – items 1, 2, 3, 4, 5, 6, 8, 11, 12, 13, 14, 15 & 16	2
	98818-065	Hub Replacement Kit – Aluminium, 10 Stud 335 PCD		2

HXL7 HP DRUM BRAKE
WHEEL END – 22.5"

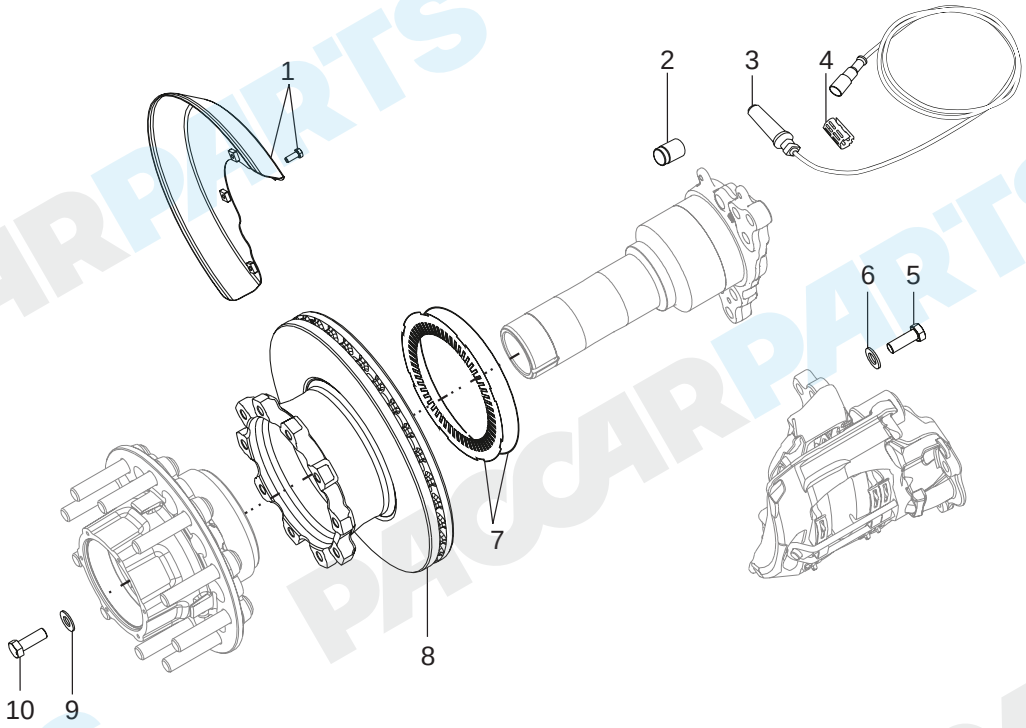


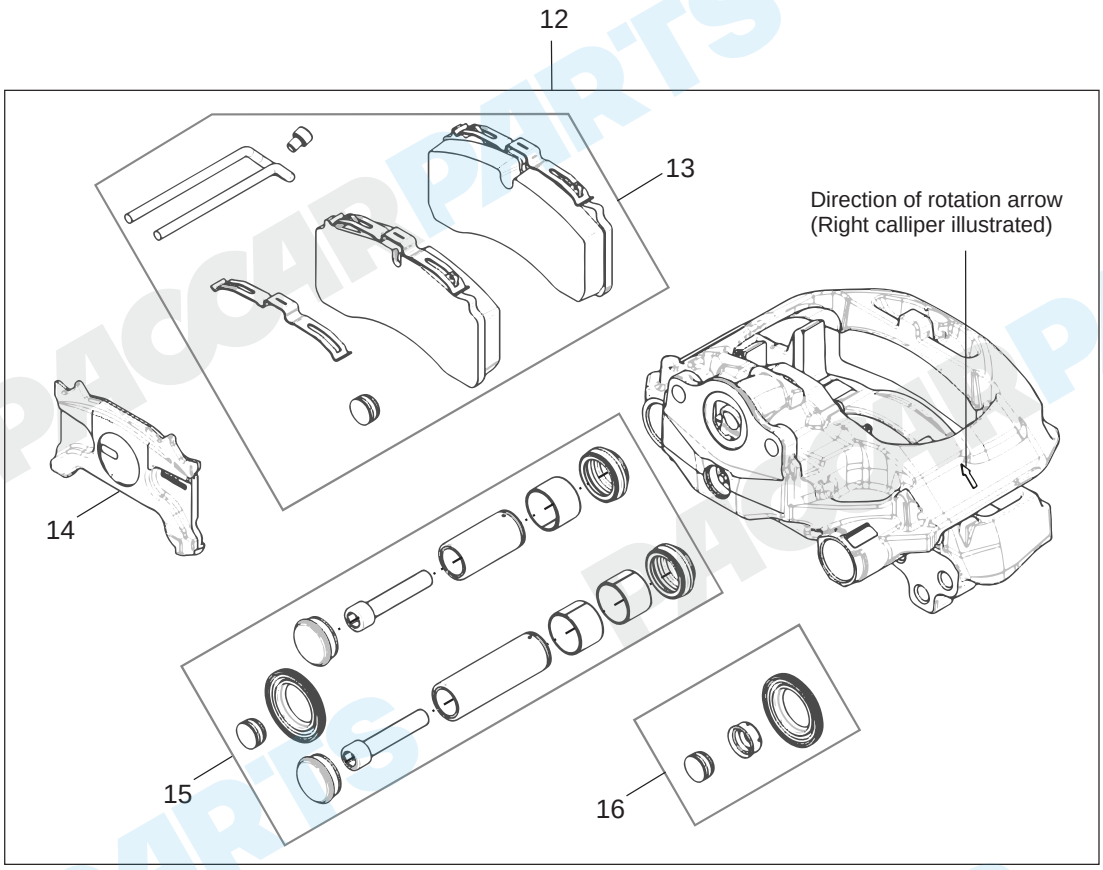
HXL7 HP DRUM BRAKE
WHEEL END – 22.5″

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	NSS	Hub	Included in hub replacement kit – item 17	2
2		Bearing Cup	Included in item 15 or 17	4
3		Bearing Cone	Included in item 15 or 17	4
4		Spindle Nut – PRECISION320	Included in item 16 & 17	2
5		Washer, Interlock – PRECISION320		2
6	SA-14400-1	Cap Screw, Button Head		4
7	A-24695	Nut Wheel, Standard – M22 x 1.5	Without spacer	20
	98817-005	Nut Wheel, Long – M22 x 1.5	With spacer	20
8	A-32097	Gasket, Hubcap	Included in items 15 & 17	2
9	RPS	Hub cap	Refer to Hendrickson Hub Cap Guide	2
10	98879-004	Bolt & Washer, Hubcap – 5⁄16″ UNC x 7⁄8″	Suits 285 PCD hub Includes washer	12
	98879-002	Bolt, Hubcap – M8 x 1.25 x 20	Suits 335 PCD hub Use washer & bolt together	12
	SA-1600-7	Washer, lock – 5⁄16″		12
11	98900-024	Stud – ADI Hub M22 x 1.5 x 105 mm	Included in item 17	20
	98900-019	Stud – Ductile Iron Hub M22 x 1.5 x 122 mm		20
12	98934-065	Filler Plug – 9⁄16″ - 18 UNF, ADI Hub		2
	NA	Filler Plug – 3⁄8″ - 18 NPT, Ductile Iron Hub		2
13	98814-020	Pulse Ring, ABS – ADI 285 PCD Hub		2
	98814-009	Pulse Ring, ABS – Ductile Iron 335 PCD Hub		2
14	A-27268	Seal, Hub Mounted	Included in items 15 & 17 Special tool required	2

KIT PART NUMBER LISTING				
15	98801-075	Bearing Rebuild Kit	Includes bearings, gasket & seal – items 2, 3, 8 & 14	2
16(NS)	S-32844/2	Spindle Nut Kit	Includes nut, washer & cap screws – items 4, 5 & 6	2
17(NS)	98818-049	Hub Replacement Kit – ADI, 10 Stud 285 PCD	Kit includes hub, bearings, hub nut, gasket & seal – items 1, 2, 3, 4, 5, 6, 8, 11, 12, 13 & 14	2
	98818-061	Hub Replacement Kit – Ductile Iron, 10 Stud 335 PCD		2

DISC BRAKE CALIPER & SYSTEM
MAXX22T HDT-415mm – 22.5"

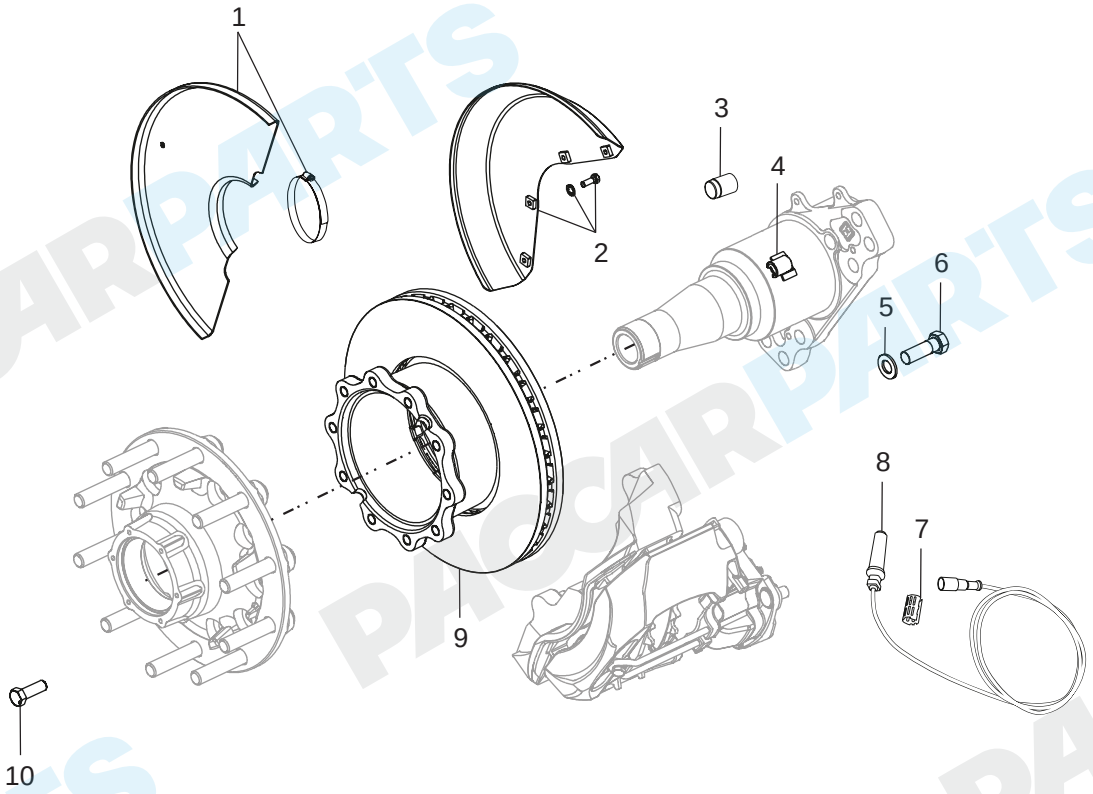


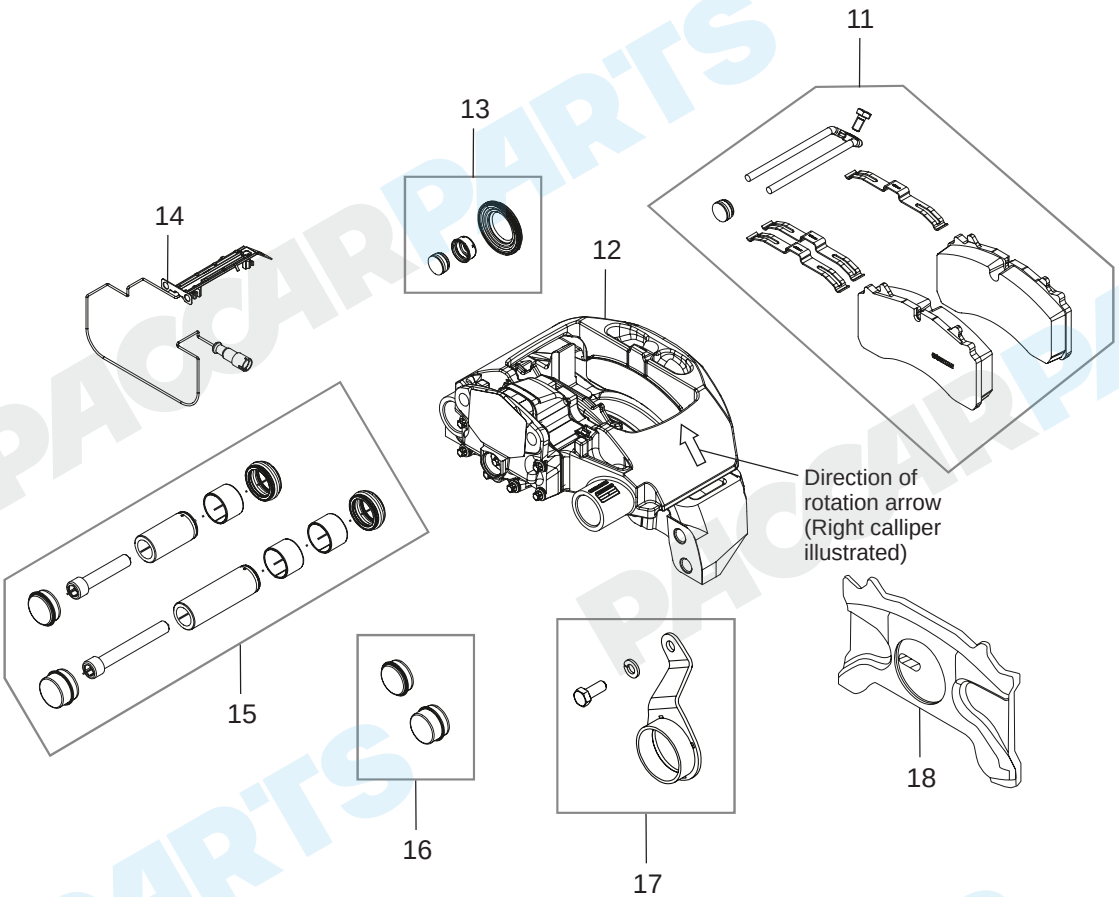


DISC BRAKE CALIPER & SYSTEM
MAXX22T HDT-415mm – 22.5"

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	S-35720-4415	Kit, Dust Shield – Disc Brake	Includes Bolts & Washers	2
2	B-36165	Bush, ABS Sensor Mounting		2
3	98831-001	Sensor, Straight ABS with 1.7m lead		2
4	99008-001	Clip, Retaining – ABS Sensor		2
5	SA-19600-2	Bolt, Caliper to Axle – M18 x 2.5 Class 10		12
6	SA-19900-1	Washer, Hardened – M18		12
7	98814-023	Pulse Ring, ABS & Clip Kit	Included in items 8 & 11	2
8	98815-027	Rotor Kit, 415 mm	Kit includes Rotor & Fasteners, items 7, 9, 10 Included in Item 11	2
9	SA-19700-2	Washer, Rotor to Hub – Zinc ⅝"	Included in items 8 & 11	20
10	SA-19600-3	Bolt, Rotor to Hub – Zinc M16 x 2, Class 10.9	Included in items 8 & 11	20
11	98818-062	Rotor & Hub Replacement Kit, 285 PCD	Kit includes Hub with Rotor, Hub Nut, Gasket, Bearings & Fasteners	2
	98818-063	Rotor & Hub Replacement Kit, 335 PCD		2
12	98881-103	Caliper Assembly, LH	Includes Pads, Retainer, Clips & Fasteners	1
	98881-104	Caliper Assembly, RH		1
14	S-35303-9	Pressure Plate, Brake Pad	Includes both LH & RH Plates	1
KIT PART NUMBER LISTING				
13	S-35303-1	Brake Pad Kit	Includes Pads, Springs, Holder Brackets, Screws & Plugs	1
15	S-35303-4	Repair Kit - Caliper Guide Pin & Bush	Includes Plug, Inner Seals, Outer Seals, Sliding Bolts, Metal Caps, Screws & Guide Pin Bushes	2
16	D-32676-3	Repair Kit - Caliper Piston Seal	Includes Plug, Inner Seal & Outer Seal	2

DISC BRAKE CALIPER & SYSTEM
WABCO HTD-377mm – 19.5"

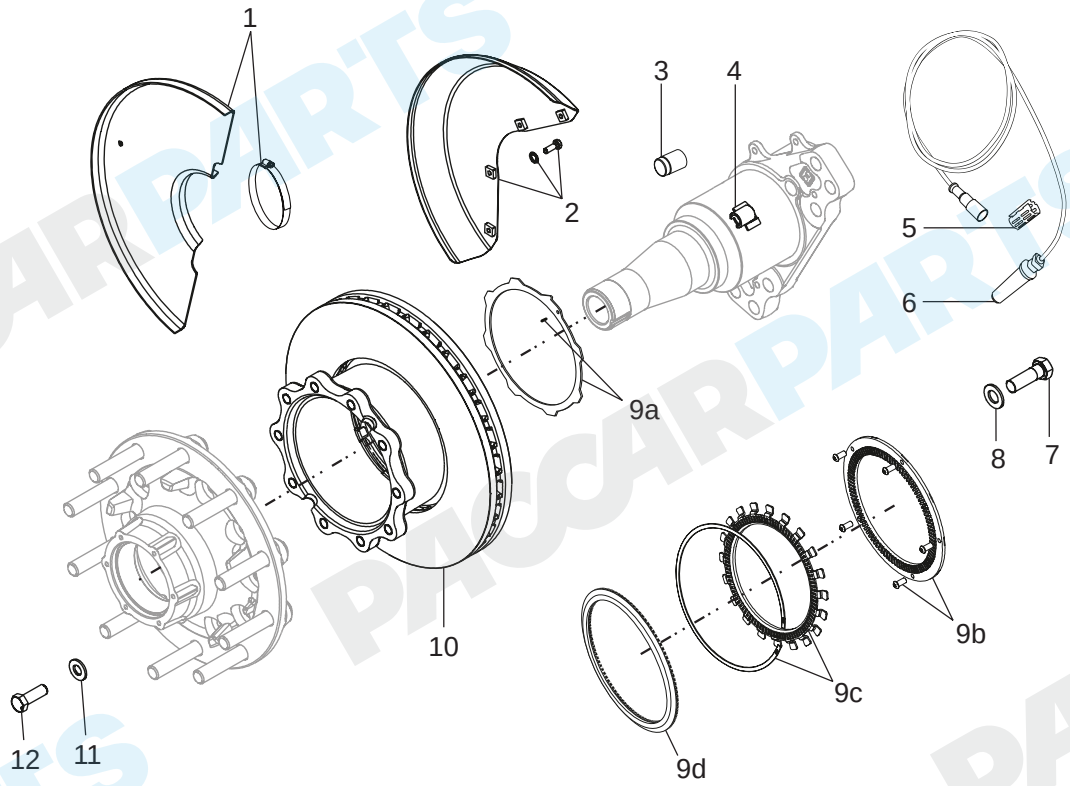


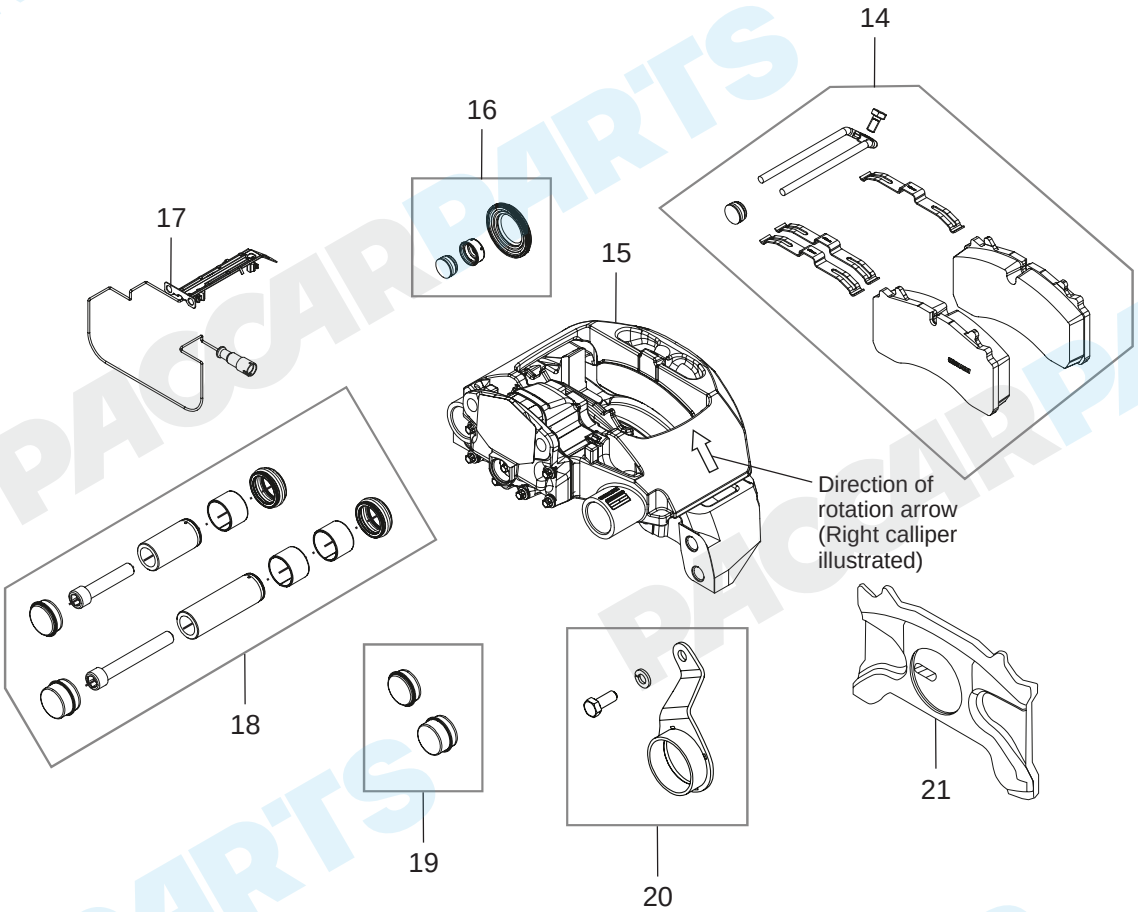


DISC BRAKE CALIPER & SYSTEM
WABCO HTD-377mm – 19.5″

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	NA	Kit, Clamp On Type Dust Shield – Disc Brake	Suits 127 mm (5″) Axle, includes Clamp	2
			Suits 146 mm (5.75″) Axle	2
2	S-36224-4375	Kit, Dust Shield – Disc Brake	Bolt on type, includes Bolts & Washers	2
3	B-36165	Bush, ABS Sensor Mounting	Suits 146 mm (5.75″) Axle	2
4	98814-004	Bracket, ABS Sensor Mounting - Pressed	Suits 127 mm (5″) Axle	2
	98814-005	Bracket, ABS Sensor Mounting – Cast		2
	S-28757		Suits 146 mm (5.75″) LDA Axle	2
5	97022-002	Washer, Hardened – M20		12
6	97023-001	Bolt, Caliper to Axle – M20 x 2.5 x 60		12
7	99008-001	Clip, Retaining – ABS Sensor		2
8	98831-001	Sensor, Straight ABS with 1.7m Lead		2
9	D-33390	Rotor Assembly, 377 mm	Rotor only, use with items 5 & 6	2
10	97733-004	Socket Head Bolt – M16 x 2 x 35		16
11	98881-021	Brake Pad Kit - Wabco Pan 19	Includes Pad Retaining Hardware	1
12	97097-007	Caliper Assembly, LH - Wabco Pan 19	Kit includes Brake pads, retaining hardware & pressure plate Includes items 11, 13, 15 & 18	1
	97097-008	Caliper Assembly, RH - Wabco Pan 19		1
18	97097-026	Pressure Plate, Brake Pad	Includes LH & RH side	1
KIT PART NUMBER LISTING				
13	D-32676-3	Repair Kit, Caliper Piston Seal	Single Caliper Kit	2
14	98881-020	Repair Kit, Pad Wear Indicator		1
15	D-32676-15	Repair Kit, Caliper Guide Pin & Bush	Single Caliper Kit, includes Caps	2
16	98881-040	Kit, Caliper Cap – Heavy Duty	Includes LH & RH side	1
17	97805-001	Kit, Caliper Guide Pin Cover	Includes LH & RH side	1

DISC BRAKE CALIPER & SYSTEM
WABCO HTD-430mm – 22.5″

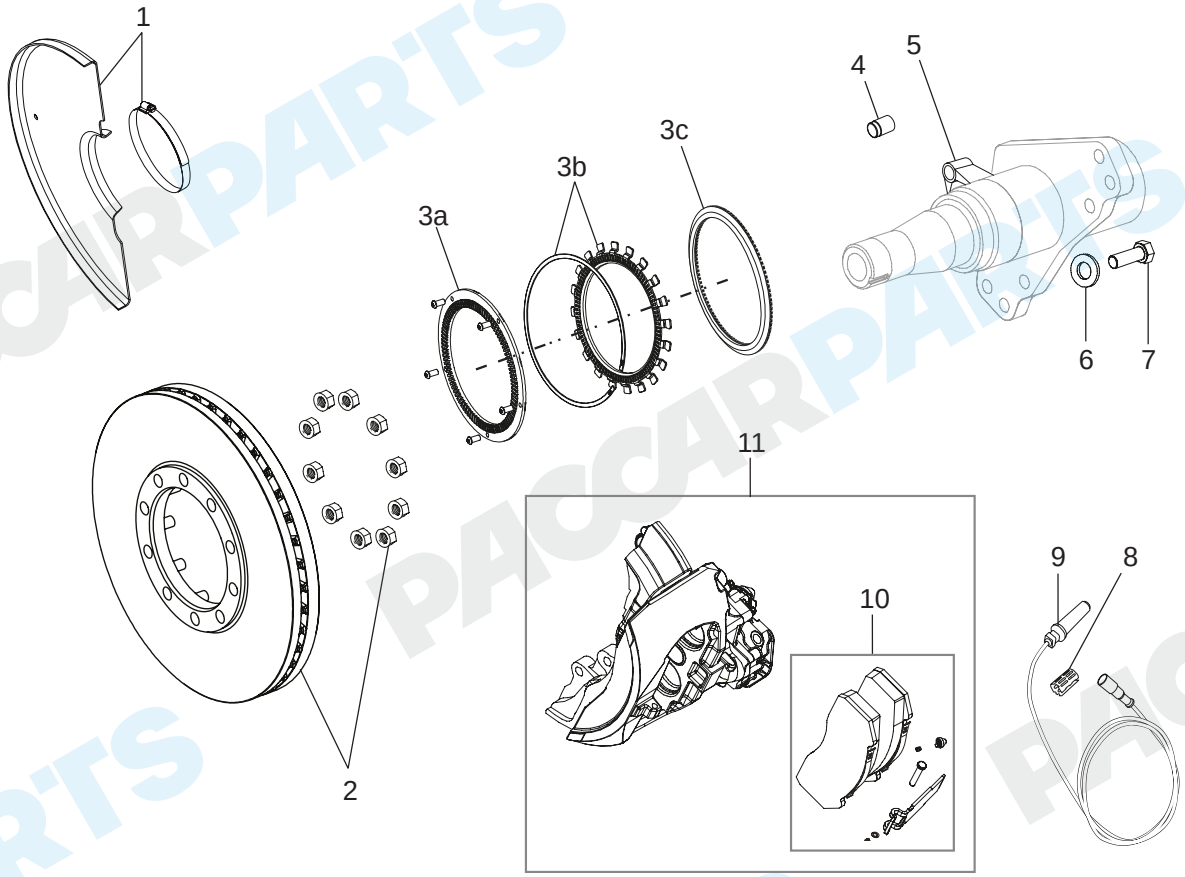


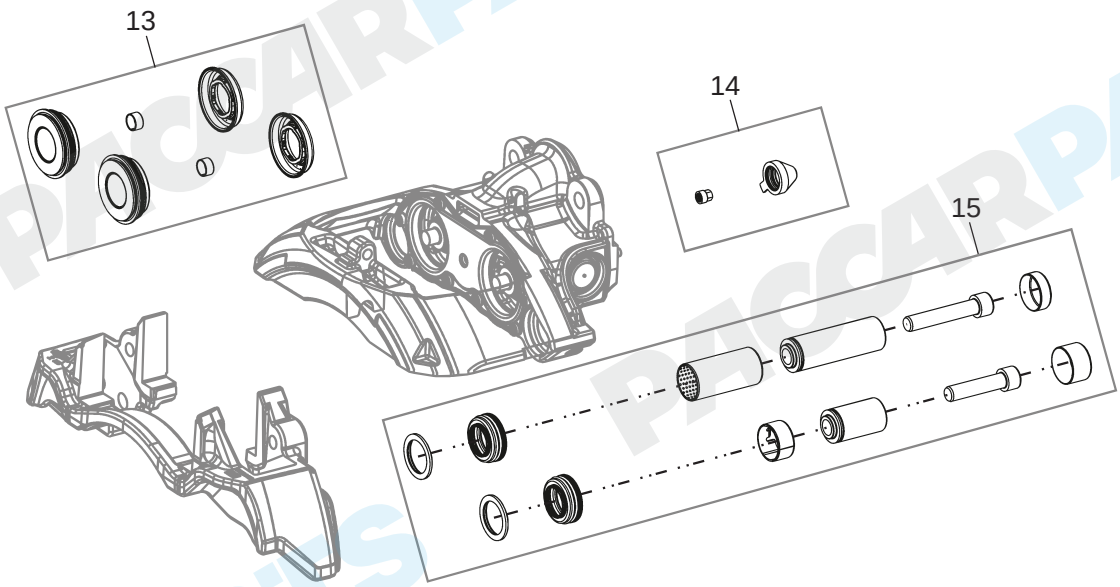


DISC BRAKE CALIPER & SYSTEM
WABCO HTD-430mm – 22.5″

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	S-28570-4350	Kit, Dust Shield Clamp On Type	Suits 127 mm (5″) Axle includes clamp	2
	S-28570-4357		Suits 146 mm (575″) Axle includes clamp	2
2	S-36224-4430	Kit, Dust Shield – Bolt-On Disc Brake	Bolt on type, includes Bolts & Washers	2
3	B-36165	Bush, ABS Sensor Mounting	Suits 146 mm (575″) Axle	2
4	98814-004	Bracket, ABS Sensor Mounting - Pressed	Suits 127 mm (5″) Axle with Toowoomba Iron Hub	2
	98814-005	Bracket, ABS Sensor Mounting – Cast	Suits 127 mm (5″) Axle (Exc Toowoomba), Cast	2
	S-28757		Suits 146 mm (575″) LDA Axle, Cast	2
5	99008-001	Clip, Retaining – ABS Sensor		2
6	98831-001	Sensor, Straight ABS with 1.7m lead		2
7	97023-001	Bolt, Caliper to Axle – M20 x 2.5 x 60		12
8	97022-002	Washer, Hardened – M20		12
9a	98814-017	Kit, Tabbed ABS ring To suit 430 mm Rotor	KIC rotors from 2013 to 2020	2
	98814-029	Kit, Threaded ABS ring To suit 430 mm Rotor	KIC rotors from 2020 onwards	2
9b	98814-025	ConMet ABS Tone Ring Kit – Early Up To 2018	ConMet Rotors 10-Bolt Style	2
	98814-024	ConMet ABS Tone Ring Kit – 2018 to 2019	ConMet Rotors 5-Bolt Style	2
9c	98814-026	ConMet ABS Tone Ring Kit – From 2019	ConMet Rotors Locking Circlip Style includes Circlip	2
9d	98814-013	ABS Tone Ring – Toowoomba Hub	Suits Toowoomba Hub	2
10	98815-026	KIC Rotor Kit, 430 mm	Includes items 4, 9a, 11 & 12	2
	98815-031	ConMet Offset Rotor Assembly, 430 mm Includes ABS Ring & Hardware	From 2019	2
11	SA-19700-2	Washer, Flat – Zinc ⅝″	Suits KIC Rotor Included in item 10	20
12	NSS	Nut, ConMet Hub to Rotor. ⅝″ - 18 UNF	Suits ConMet Rotor Included in item 10	20
	SA-19600-3	Bolt, Hub to Rotor – ZInc M16 x 2 x 45	Suits KIC Rotor Included in item 10	20
13	98801-076	Hub & Rotor Assembly – ConMet HN PreSet	Inc bearings, Spacer & Seal Circlip Style ABS Ring	2
	98818-069	Hub & Rotor Assembly – 430 Rotor & HXL7 Hub	Includes Hub, Rotor & Hardware only	2
15	D-31346-1L	Caliper Assembly, LH - Wabco Pan 22	Caliper & Pad Assembly	1
	D-31346-1R	Caliper Assembly, RH - Wabco Pan 22		1
21	97097-027	Pressure Plate, Brake Pad	Includes LH & RH side	1
KIT PART NUMBER LISTING				
14	D-32676-1	Brake Pad Kit - Wabco Pan 22	Includes Pad Retaining Hardware	1
16	D-32676-3	Repair Kit, Caliper Piston Seal	Single Caliper Kit	2
17	D-32676-2	Repair Kit, Pad Wear Indicator		1
18	D-32676-15	Repair Kit, Caliper Guide Pin & Bush	Single Caliper Kit	2
19	98881-040	Kit, Caliper Cap – Heavy Duty	Includes LH & RH side	1
20	97802-001	Kit, Caliper Guide Pin Cover	Includes LH & RH side	1

DISC BRAKE CALIPER & SYSTEM
KNORR-BREMSE – 22.5"

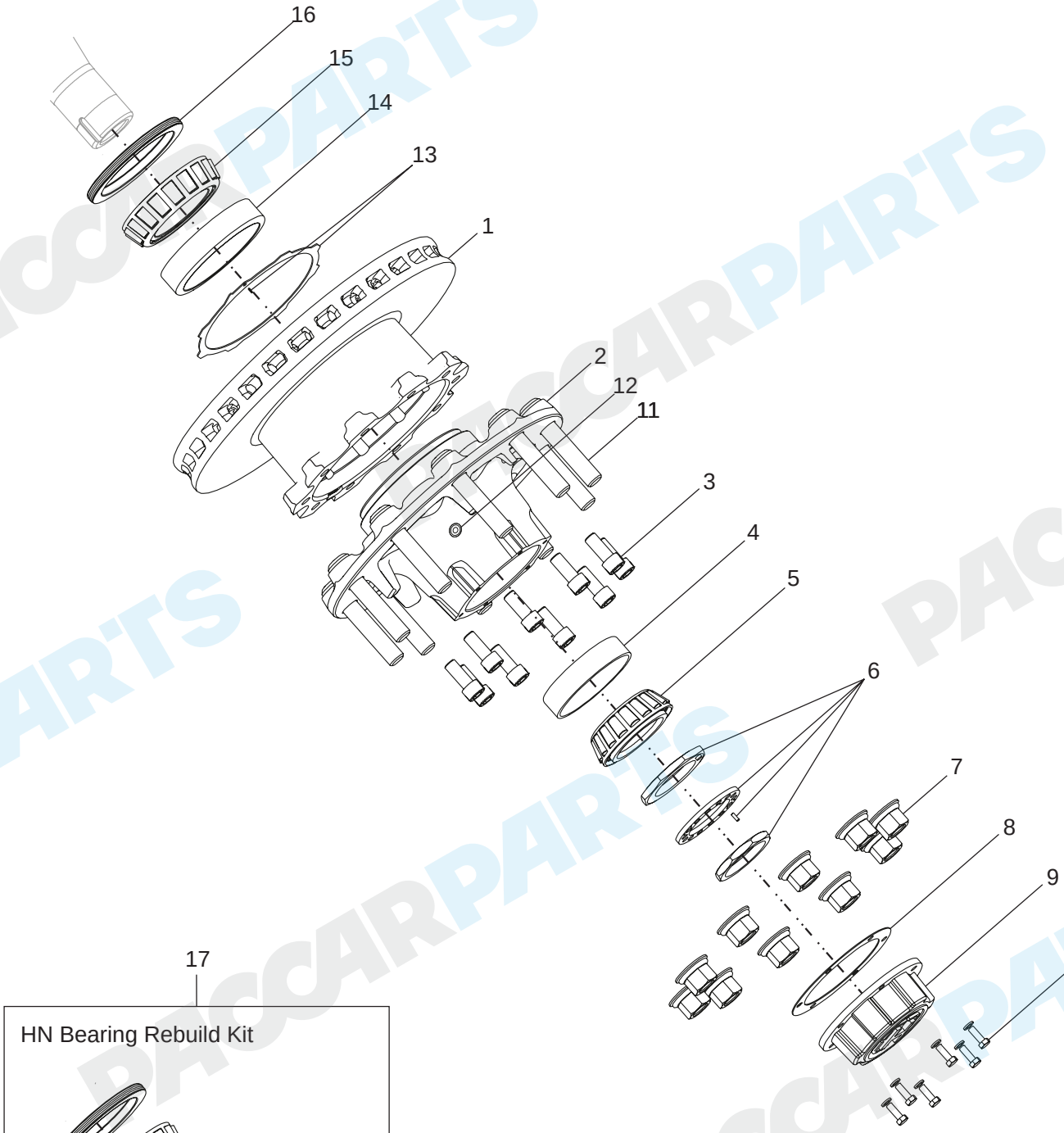




DISC BRAKE CALIPER & SYSTEM
KNORR-BREMSE – 22.5″

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	S-28570-4350	Kit, Dust Shield – Disc Brake	Suits 127 mm (5″) Axle, includes Clamp	2
	S-28570-4357		Suits 146 mm (5.75″) Axle, includes Clamp	2
2	98815-031	ConMet Offset Rotor Assembly, 430 mm Includes Hardware	From 2019, includes Locking Circlip Style ABS Ring	2
3a	98814-025	ConMet ABS Tone Ring Kit – Up to 2018	ConMet Rotors, 10-Bolt Style, includes Bolts	2
	98814-024	ConMet ABS Tone Ring Kit – 2018 To 2019	ConMet Rotors, 5-Bolt Style, includes Bolts	2
3b	98814-026	ConMet ABS Tone Ring Kit – From 2019	ConMet rotors, includes Locking Circlip	2
3c	98814-013	ABS Tone Ring – Toowoomba Hub	Suits Toowoomba Hub	2
4	B-36165	Bush, ABS Sensor Mounting	Suits 146 mm (5.75″) Axle	2
5	98814-004	Bracket, ABS Sensor Mounting - Pressed	Suits 127 mm (5″) Axle & Toowoomba Iron Hub	2
	98814-005	Bracket, ABS Sensor Mounting – Cast	Suits 127 mm (5″) Axle (Exc. Toowoomba)	2
	S-28757		Suits 146 mm (5.75″) LDA Axle	2
6	97022-002	Washer, Hardened – M20		12
7	97023-001	Bolt, Caliper to Axle – M20 x 2.5 x 60		12
8	99008-001	Clip, Retaining – ABS Sensor		2
9	98831-001	Sensor, Straight ABS with 1.7m lead		1
10	98881-005	Brake Pad Kit - KB SN7	Includes Adjuster Plug, Nut & Retainer Hardware	1
11	97097-017	Caliper Assembly, LH –KB SN7		1
	97097-018	Caliper Assembly, RH – KB SN7		1
	NA	Caliper Assembly, SB7	Use updated SN7 replacement Caliper	1
12	98801-076	Hub & Rotor Assembly – ConMet HN PreSet	Includes Bearings, Spacer & Seal Circlip Style ABS	2
KIT PART NUMBER LISTING				
13	97097-003	Caliper Tappet Kit	SB7	2
	97097-009		SN7	2
14	97097-006	Caliper Adjuster Kit	Includes Cap & Nut	1
15	97097-011	Caliper Slide Rebuild Kit	SB7	2
	97097-013	Caliper Slide Rebuild Kit – Heavy Duty	SN7	2

CONVENTIONAL HN DISC BRAKE
WHEEL END – 19.5″ & 22.5″

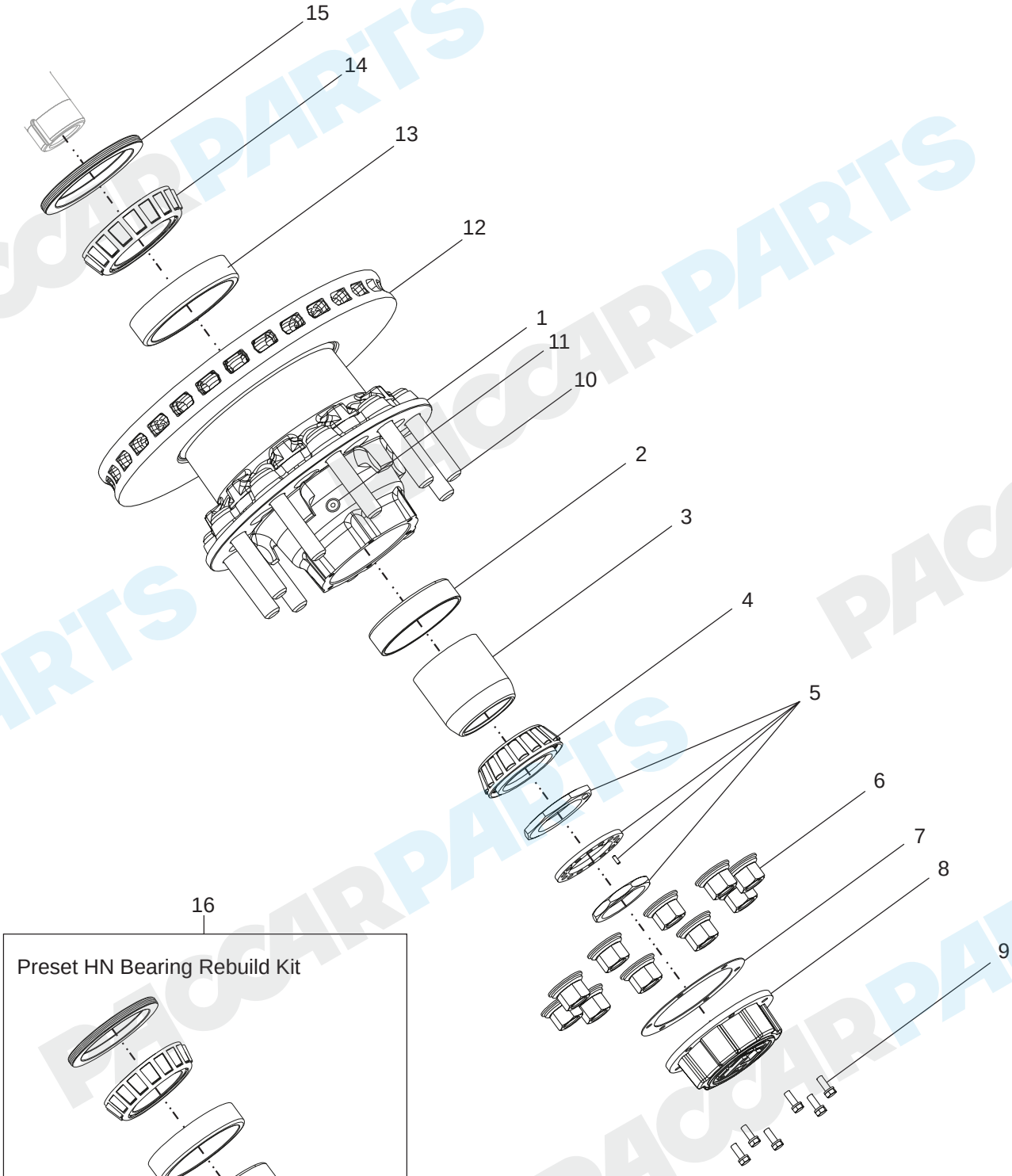


CONVENTIONAL HN DISC BRAKE
WHEEL END – 19.5" & 22.5"

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	D-33390	Rotor, Disc Brake – 377 mm	To suit Ductile Iron Hub, use with item 3 Included in Item 18	2
	98815-026	Rotor, Disc Brake – 430 mm	Hardware Included, Rotor without H/W PN D-34172	2
2	C-33381-6	Hub Assembly – Ductile Iron, 10 Stud 335 PCD	Includes items 4, 11, 12 & 14 Included in Item 18	2
	C-33414-4	Hub Assembly – Ductile Iron, 8 Stud 275 PCD		2
3	97733-004	Bolt, Hub to Rotor – M16 x 2 x 35 mm	Suits 377 mm Rotor	16
	SA-19600-3	Bolt, Hub to Rotor – Zinc M16 x 2 x 45 mm	Use Washer & Bolt together, suits 430mm Rotor Included in item 1 & 18	20
	SA-19700-2	Washer, Zinc Flat – 5/8"		20
4	NSS	Bearing Cup, Outer	Included in item 2 & 17	2
5	NSS	Bearing Cone, Outer	Included in item 17	2
6	A-20492	Spindle Nut Kit – HN	Services a complete Axle Includes 2 each of Nuts, Washer & Set Screw	1
7	98817-005	Nut Wheel, Long – M22 x 1.5	With Spacer	20
	A-24695	Nut Wheel, Standard – M22 x 1.5	Without Spacer	20
8	A-32098	Gasket, Hubcap	Included in item 17	2
9	RPS	Hubcap	Refer to Hendrickson Hub cap guide	2
10	98879-004	Bolt & Washer, Hubcap – 5/16" UNC x 7/8"	Suits 275 PCD Hub, includes Washer	12
	98879-002	Bolt, Hubcap – M8 x 1.25 x 20	Use Washer & Bolt together suits 335 PCD Hub	12
	SA-1600-7	Washer, Lock – 5/16"		12
11	98900-019	Stud, Wheel – M22 x 1.5 x 122 mm	Included in item 2 & 18	20
12	NSS	Filler Plug – 3/8" - 18 NPT	Included in item 2 & 18	2
13	98814-017	Kit, Tabbed ABS ring. To suit 430 mm Rotor	KIC rotors from 2013 to 2020	2
	98814-029	Kit, Threaded ABS ring. To suit 430 mm Rotor	KIC rotors from 2020 onwards	2
	NSS	ABS Tone Ring to suit 377 mm Rotor	Included in item 1	2
14	NSS	Bearing Cup, Inner	Included in item 2, 17 & 18	2
15	NSS	Bearing Cone, Inner	Included in item 17	2
16	98794-006	Seal, Hub Mounted – Alternative Option	Hand installed	2
	98794-012	Seal, Spindle Mounted – Standard Fitment	Special tool required Included in item 17	2
	S-27267	Seal, Hub Mounted – Alternative Option	Special tool required	2
KIT PART NUMBER LISTING				
17	98800-010	Bearing Rebuild Kit	Includes Bearings, Gasket & Seal – items 4, 5, 8, 14, 15 & 16	2
18	C-33874-4	Hub & Rotor Kit	8 Stud 275 PCD - 377 mm Includes Rotor, Hub & Hardware – items 1, 2, & 3	2
	C-34578-4		10 Stud 335 PCD - 430 mm Includes Rotor, Hub & Hardware – items 1, 2, & 3	2

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

PRESET HN DISC BRAKE
WHEEL END – 22.5″

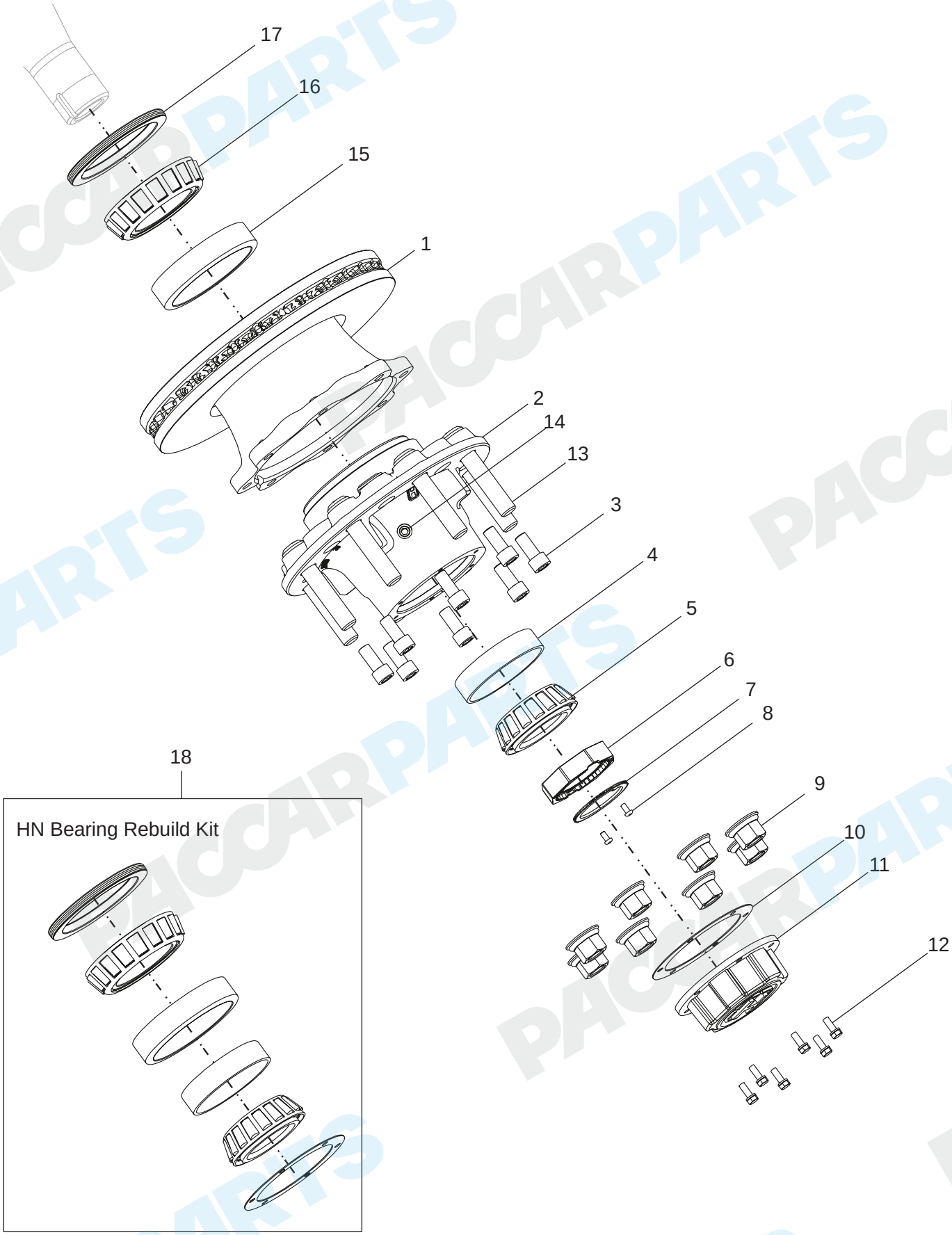


PRESET HN DISC BRAKE
WHEEL END – 22.5″

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	NSS	Hub	Included in item 18	2
2		Bearing Cup, Outer	Included in item 16 & 18	2
3		PreSet HN Spacer*	Included in item 16, 17 & 18	2
4		Bearing Cone, Outer	Included in item 16 & 18	2
5	A-20492	Spindle Nut Kit – HN	Services a complete Axle. Includes 2 each of Nuts, Washer & Set Screw	1
6	98817-005	Nut Wheel, Long – M22 x 1.5	With Spacer	20
	A-24695	Nut Wheel, Standard – M22 x 1.5	Without Spacer	20
7	A-32098	Gasket, Hubcap	Included in Item 16	2
8	RPS	Hubcap	Refer to Hendrickson Hub cap guide	2
9	98879-004	Bolt, Hubcap – 5⁄16″ UNF x 7⁄8″	Includes washer	12
10	98900-022	Stud, Wheel – M22 x 1.5 x 126 mm	Included in item 18	20
11	98934-065	Filler Plug – 9⁄16″ - 18 UNF	Included in item 18	2
12	98814-025	ConMet ABS Tone Ring Kit – Early Up to 2018	ConMet Rotors 10-Bolt style	4
	98814-024	ConMet ABS Tone Ring Kit – 2018 to 2019	ConMet Rotors 5-Bolt style	4
	98814-026	ConMet ABS Tone Ring Kit – From 2019	ConMet Rotors Locking Circlip style, includes Circlip	4
13	NSS	Bearing Cup, Inner	Included in item 16 & 18	2
14	NSS	Bearing Cone, Inner	Included in item 16 & 18	2
15	S-27267	Seal, Hub Mounted – Standard fitment*	Included in items 16, 17 & 18, Special tool required	2
	98794-006	Seal, Hub Mounted – Hand Installed Option	For hand installation	2
KIT PART NUMBER LISTING				
16	97098-002	Bearing Rebuild Kit	Includes Bearings, Seal, Gasket & Spacer – items 2, 3, 4, 7, 13, 14, & 15	2
17	97097-030	Seal & Spacer Kit	Includes Seal & Spacer – items 3 & 15	2
18	98801-076	Hub & 430 mm Rotor Assembly Replacement Kit - ConMet Aluminium Hub with Locking Circlip Style ABS Ring – 10 Stud 285	Pre-assembled Hub & Rotor, with Bearings, Spacer & Seal Items 1, 2, 3, 4, 10, 11, 12, 13, 14 & 15	2

* Please use a new PreSet Bearing spacer when replacing the hub seal

HXL2 & HXL5 HN DISC BRAKE
WHEEL END – 19.5″ & 22.5″

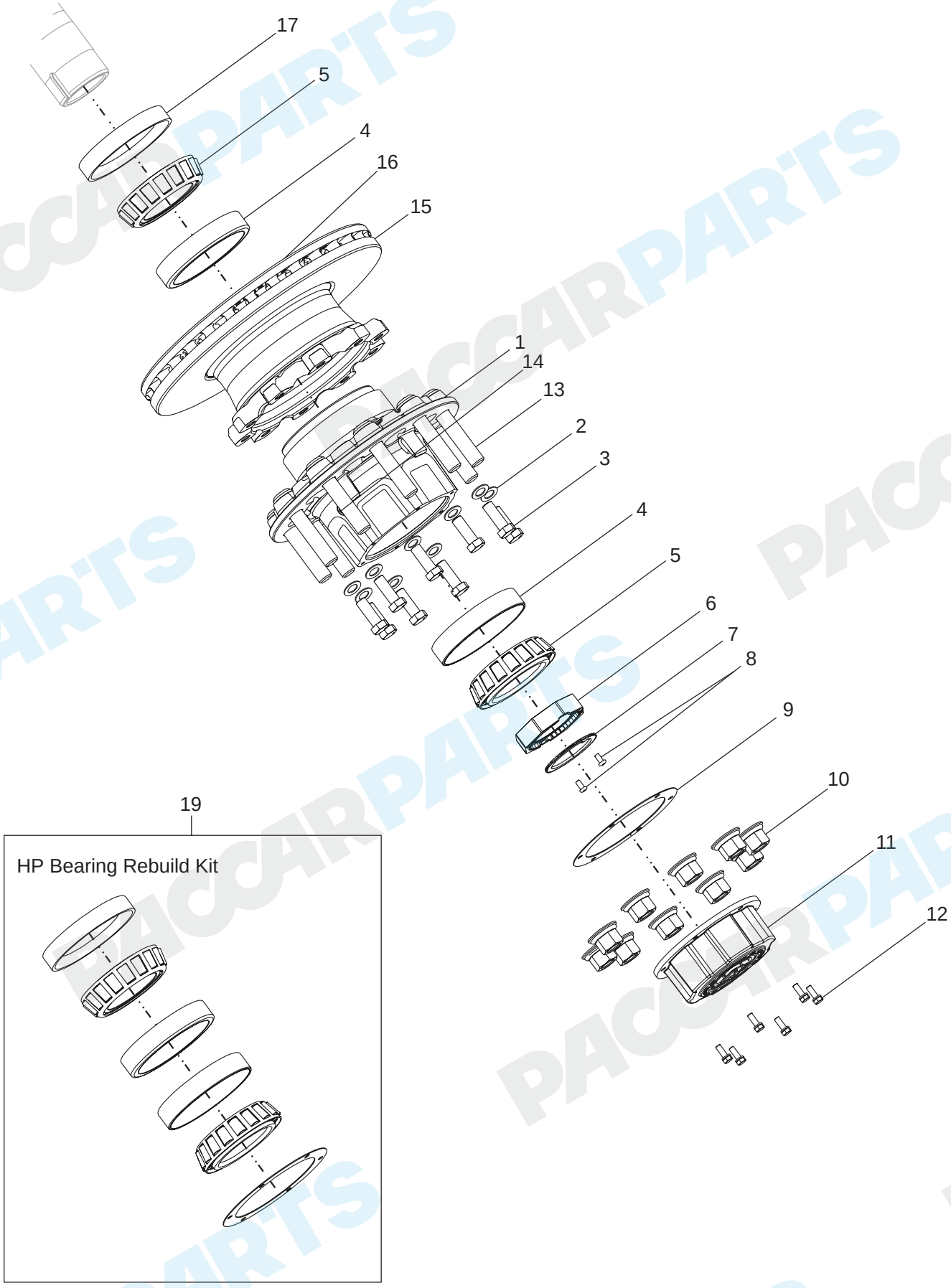


HXL2 & HXL5 HN DISC BRAKE
WHEEL END – 19.5" & 22.5"

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	D-33390	Rotor Assembly, Ductile Iron Hub – 377 mm	Included in item 20	2
	98815-026	Rotor Assembly, Ductile Iron Hub – 430 mm	Includes ABS Ring & Hardware, Rotor without H/W PN D-34172	2
	98815-031	Rotor Kit, ConMet Aluminium Hub – 430 mm with ABS Ring & Hardware	Included in item 20	2
2	NSS	Hub	Included in Hub replacement kit, item 20	2
3	97733-004	Bolt, Hub to Rotor – M16 x 2 x 35 mm – 377 mm rotor	Included in item 20	16
	NSS	Nut, Hub to Rotor – Aluminium Hub with 430 mm rotor	Included in item 1 or 20	20
	SA-19700-2	Washer, Zinc Flat – ⅝"	Suits ductile Iron Hub with 430 mm Rotor Included in item 1&20	20
	SA-19600-3	Bolt, Hub to Rotor – Zinc M16 x 2 x 45 mm		20
4	NSS	Bearing Cup, Outer	Included in item 18 & 20	2
5		Bearing Cone, Outer	Included in item 18 & 20	2
6		Spindle Nut – PRECISION240	Included in items 19 & 20	2
7		Washer, Interlock – PRECISION240		2
8	SA-14400-2	Cap Screw – Button Head, ¼" - 20 x ½"		4
9	A-24695	Nut Wheel, Standard – M22 x 1.5	Without Spacer	20
	98817-005	Nut Wheel, Long – M22 x 1.5	With Spacer	20
10	A-32098	Gasket, Hubcap	Included in items 18 & 20	2
11	RPS	Hubcap	Refer to Hendrickson Hub cap guide	2
12	98879-004	Bolt & Washer, Hubcap – 5/16" UNC x ⅞"	Suits 275 & 285 PCD Hub	12
	98879-002	Bolt, Hubcap – M8 x 1.25 x 20	Suits 335 PCD Hub Use Washer & Bolt together	12
	SA-1600-7	Washer, Lock – 5/16"		12
13	98900-019	Stud, Wheel – Ductile Iron Hub M22 x 1.5 x 122mm	Included in item 20	20
	98900-022	Stud, Wheel – Aluminium Hub M22 x 1.5 x 126mm		20
14	98934-065	Filler Plug – 9/16" - 18 UNF, Aluminium Hub		2
	NA	Filler Plug – ⅜" - 18 NPT, Ductile Iron Hub		2
15	NSS	Bearing Cup, Inner	Included in item 18 & 20	2
16	NSS	Bearing Cone, Inner		2
17	S-27267	Seal, Hub Mounted		2
KIT PART NUMBER LISTING				
18	98801-074	Bearing Rebuild Kit	Includes Bearings, Gasket & Seal – Items 4, 5, 10, 15, 16 & 17	2
19	S-33332/2	Spindle Nut Kit	Includes Nut, Washer & Cap Screws – items 6, 7 & 8	2
20	98818-066	Rotor/Hub Replacement Kit ConMet Aluminium Hub with Bolt- On ABS Ring - 10 Stud 285 PCD, 430 mm Rotor	Kit includes Hub with Rotor, Hub Nut, Gasket, Bearings & Fasteners – Items 1, 2, 3, 4, 5, 6, 7, 8, 10, 13, 14, 15, 16 & 17	2
	98818-067	Rotor/Hub Replacement Kit Ductile Iron Hub - 10 Stud 335 PCD, 430 mm rotor		2
	98818-068	Rotor/Hub Replacement Kit Ductile Iron Hub - 8 Stud 275 PCD, 377 mm Rotor		2

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

HXL7 HP DISC BRAKE
WHEEL END – 22.5"



HXL7 HP DISC BRAKE
WHEEL END – 22.5″

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	C-33387-8	Hub Assembly – Ductile Iron, 10 Stud 285 PCD	Includes Hub, Bearing Cups, Studs & Fill Plug – items 4, 13, 14 Included in Item 20	2
	C-33883-6	Hub Assembly – Ductile Iron, 10 Stud 335 PCD		2
2	SA-19700-2	Washer, Zinc Hardened - Hub to Rotor	Included in items 15 & 20	20
3	SA-19600-3	Bolt, Hub to Rotor – M16 x 2 x 45 mm	Included in items 15 & 20	20
4	NSS	Bearing Cup	Included in items 1 ,19 & 20	4
5		Bearing Cone	Included in items 19 & 20	4
6		Spindle Nut – PRECISION320	Included in items 18 & 20	2
7		Washer, Interlock – PRECISION320		2
8	SA-14400-1	Cap Screw, Button Head		4
9	A-32097	Gasket, Hubcap	Included in items 19 & 20	2
10	A-24695	Nut Wheel, Standard – M22 x 1.5	Without Spacer	20
	98817-005	Nut Wheel, Long – M22 x 1.5	With Spacer	20
11	RPS	Hubcap	Refer to Hendrickson Hub cap guide	2
12	98879-004	Bolt & Washer, Hubcap – 5⁄16″ UNC x 7⁄8″	Suits 285 PCD Hub includes Washer	12
	98879-002	Bolt, Hubcap – M8 x 1.25 x 20	Suits 335 PCD Hub Use Washer & Bolt together	12
	SA-1600-7	Washer, Lock – 5⁄16″		12
13	98900-019	Stud, Wheel – M22 x 1.5 x 122 mm	Included in items 1 & 20	20
14	NA	Filler Plug – 3⁄8″ - 18 NPT	Included in items 1 & 20	2
15	98815-027	Rotor Kit, Disc Brake - 415 mm MAXX22T	Includes Mounting Hardware & ABS Ring – items 2, 3 & 16 & Included in Item 20	2
	98815-026	Rotor Kit, Disc Brake - 430 mm KIC		2
16	98814-023	Pulse Ring, MAXX22T™ HDT-415™ ABS Ring & Clip Kit	415 mm MAXX22T HTD-415 Rotors includes Locking Clip Included in items 15 & 20	2
	98814-017	Kit, Tabbed ABS ring. To suit 430 mm Rotor	KIC rotors from 2013 to 2020	2
	98814-029	Kit, Threaded ABS ring. To suit 430 mm Rotor	KIC rotors from 2020 onwards	2
17	A-27268	Seal, Hub Mounted	Included in items 19 & 20	2
KIT PART NUMBER LISTING				
18	S-32844/2	Spindle Nut Kit	Includes items 6, 7 & 8	2
19	98801-075	Bearing Rebuild Kit	Includes items 4, 5, 9 & 17	2
20	98818-062	Rotor & Hub Replacement Kit, 285 PCD MAXX22T™ HDT-415™ 415 mm	MAXX22T 415 mm, Includes items 1, 2, 3, 5, 6, 7, 8, 9, 15, 16 & 17	2
	98818-063	Rotor & Hub Replacement Kit, 335 PCD		2
	98818-069	Rotor & Hub Assembly HXL7 430 mm	Includes items 1, 2, 3, 15 & 16, Use with bearing rebuild kit, item 19	2

NOTES

MERITOR®
RUN WITH THE BULL

AXLE IDENTIFICATION 270

ROCKWELL - ARN/ATN (10 SPLINE) 4000/6000 (28 SPLINE) 274
16-½" x 7" BRAKES

ROCKWELL - RN/TN AXLE 278
16-½" x 7" BRAKES

ROCKWELL TN AXLE 282
12-¼" x 7-½" Q BRAKES

ROCKWELL TN/TQ AXLE 286
FABRICATED BRAKE SPIDER 16-½" x 7" BRAKES

R.O.R TN METRIC AXLE 290
CAST BRAKE SPIDER/STEPPED CAMSHAFTS (TO JUNE 1991) 16-½" x 7" BRAKES

R.O.R TN METRIC AXLE 294
FABRICATED BRAKE SPIDER/STEPPED CAMSHAFTS (FROM JUNE 1991) 16-½" x 7" BRAKES

MERITOR AXLE IDENTIFICATION

BEAM CAPACITY lbs (kg)	
K	22,500 (10,206)[3]
N	22,500 (10,206)
P	22,500/25,000 (10,206/11,340)
Q	25,000/30,00 (11,340/13,608)
R	22,500/25,000 (10,206/11,340)

DESIGN VARIATION	
C	Crank
D	Drop
P	Positive Bearing Adjustment*
BLANK	Straight with Manual Bearing Adjusment

BRAKE DIAMETER	
2	12-¼" (31cm)
5	15" (38cm)[1]
6	16-½" (42cm)
8	18" (46cm)

MISC.	
0	FMVSS121 Brake Certification
1	Equipped for ABS†

TRACK	
1	71-½"
7	77-½"

LINING MIX	
0	No Brake
1	R202 (MME-145A)
2	R301 (ABB931-162)
3	R201 (ABB197)
4	R203 (FA867)

T P P – 4 6 7 0 – QR – 1 1 2 0

BEAM TYPE	
T	Tubular
R	Rectangular[3]

MODIFICATION	
1	Single Wheel
4	Standard Wall Thickness
8	Heavy Wall Thickness (⅝")
9	Heavy Wall Thickness (¾")

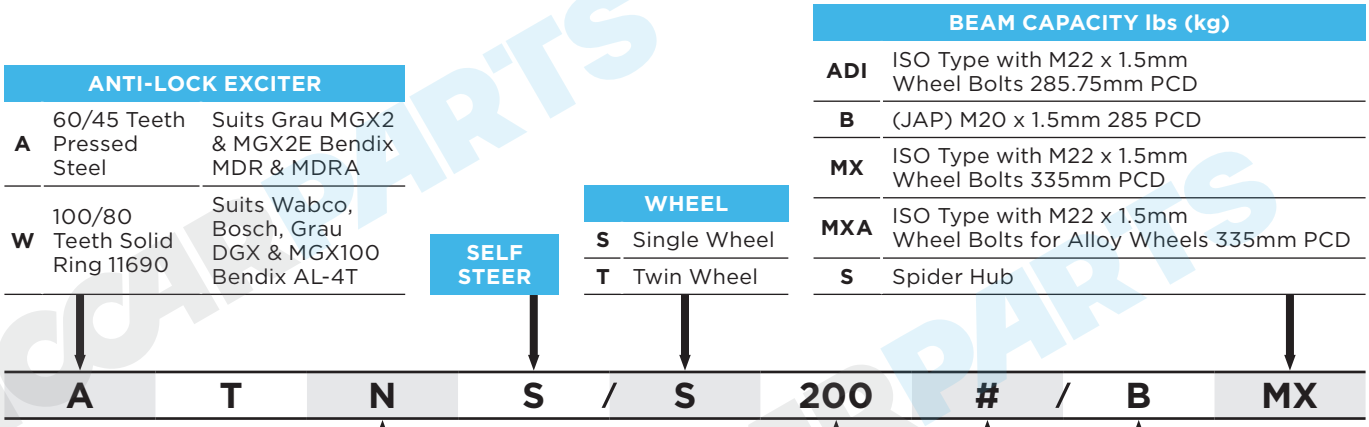
BRAKE WIDTH	
1	10" (25cm)
6	6" (15cm)
7	7" or 7-½" (18-19cm)
8	8-⅝" (22cm)

BRAKE TYPE	
L	Q Plus Cam Brake
N	Less Brake
Q	Cam-Quick Change
P	Cam
QH	Q with Hub Installed
QW	Q with Wheel Installed
RDA	Stopmaster Wedge
D	Air Disc
DH	Air Disc with Hub Installed
DW	Air Disc with Wheel Installed
QR	Aftermarket Cam-Quick Change Brake Less Locator Hole
LR	Aftermarket Q Plus Cam Brake Service Beam Less Locator Hole
NR	Aftermarket Service Beam Less Brake & Less Locator Hole

CAM LENGTH/ SPLINE	
0	No Cams
1	Short 28T
2	Int. 28T
3	Long 28T
4	Short 10T
5	Int. 10T
6	Long 10T

SLACK ADJUSTER	
0	None
1	5' Manual
2	6" Manual
6	5" Auto w/30-30 Chamber
7	5-½" Auto w/30-30 Chamber
8	6" Auto w/30-30 Chamber

R.O.R. AXLE IDENTIFICATION



ANTI-LOCK EXCITER		
A	60/45 Teeth Pressed Steel	Suits Grau MGX2 & MGX2E Bendix MDR & MDRA
W	100/80 Teeth Solid Ring 11690	Suits Wabco, Bosch, Grau DGX & MGX100 Bendix AL-4T

SELF STEER

WHEEL	
S	Single Wheel
T	Twin Wheel

BEAM CAPACITY lbs (kg)	
ADI	ISO Type with M22 x 1.5mm Wheel Bolts 285.75mm PCD
B	(JAP) M20 x 1.5mm 285 PCD
MX	ISO Type with M22 x 1.5mm Wheel Bolts 335mm PCD
MXA	ISO Type with M22 x 1.5mm Wheel Bolts for Alloy Wheels 335mm PCD
S	Spider Hub

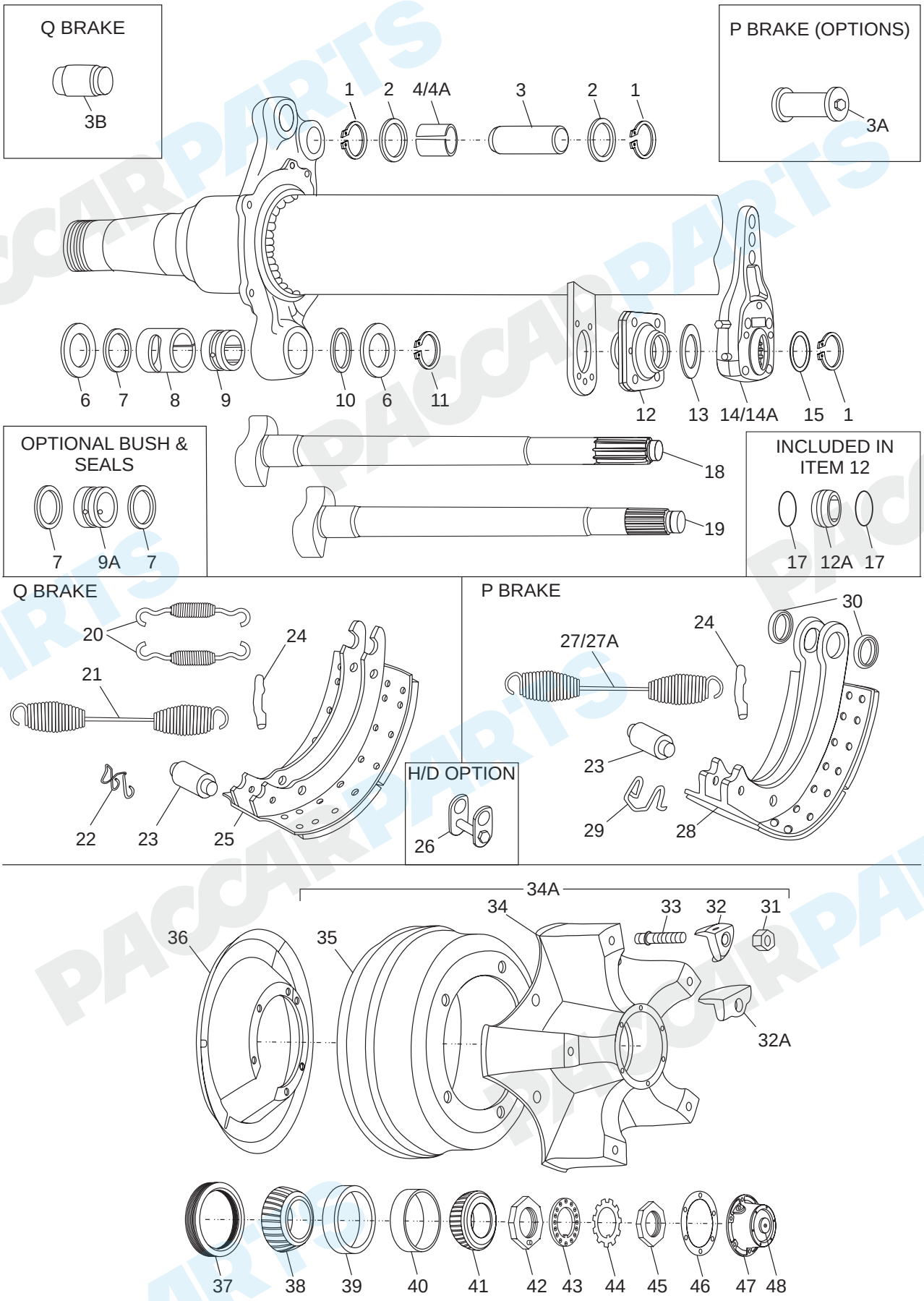
BEARING COMBINTION		
N	Inner Bearing	HM218248/HM218210
	Outer Bearing	HM212011/HM212049
M	Inner Bearing	HM218248/HM218210
	Outer Bearing	33213
E	Inner Bearing	99041067
	Outer Bearing	99041068

AXLE SERIES		
90	9,000kg	460mm
93	9,300kg	460mm
200	9,500kg	460mm
225	10,170kg	490mm
250	11,690kg	490mm

NO. OF WHEEL BOLTS

BRAKE SIZE	
AC	310 x 190mm
B	350 x 200mm
Q	420 x 180mm

ROCKWELL - ARN/ATN (10 SPLINE) 4000/6000 (28 SPLINE)
16-½" x 7" BRAKES

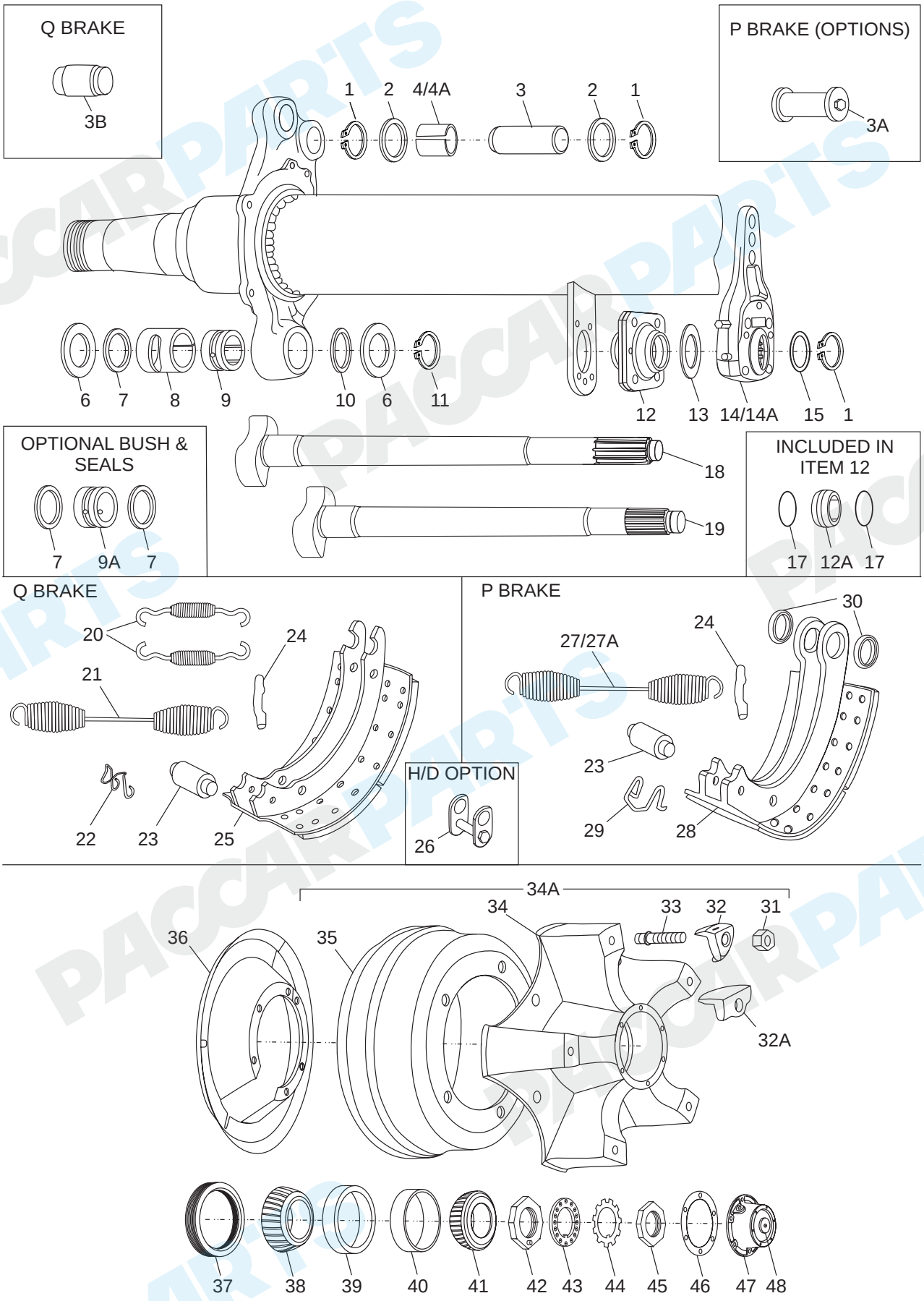


ROCKWELL - ARN/ATN (10 SPLINE) 4000/6000 (28 SPLINE)
16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	1229X1116	Circlip	To Suit 1-¼" Shaft	6
2	T02-3203	Washer	1-⅞" OD x 1-¼" ID x 1/16"	4
3	T02-3199	P-Brake Anchor Pin	Extended Pin Circlip Type PN T02-3198	4
3A	T02-3200AU	P-Brake Anchor Pin	Extended Pin Bolt On PN T02-3304AU	4
3B	T02-3237AU	Q-Brake Anchor Pin		4
4	T02-3207	Anchor Pin Bush	Stainless Steel	4
4A	T02-3207B	Anchor Pin Bush	Bronze Lined	4
6	T02-3117	Washer	2" OD x 1-⅝" ID x 1/16"	4
7	T02-3118	Seal		4
8	T02-3119	Outer Cam Bush		2
9	T02-3120	Inner Cam Bush		2
9A	T02-3151	Spider Cam Bush	Can Replace Item 8 & 9	2
10	T02-3121	O-Ring		2
11	T02-3100	Circlip	To Suit 1-⅝" Shaft	2
12	T02-3005	Bracket & Bush Assembly		2
12A	T02-3006	Bush	Suits 10 Spline 'S' Cam	2
13	T02-3112	Washer	2" OD x 1-½" ID x 3/64"	2
14	R824000	Slack Adjuster	3 Hole, 10 Spline	2
14A	R824003	Slack Adjuster	3 Hole, 28 Spline	2
15	T02-3203	Washer	1-⅞" OD x 1-¼" ID x 1/16"	2
17	T02-3007	O-Ring		4
18	T02-2011	LH 'S' Cam 10 Spline		1
	T02-2012	RH 'S' Cam 10 Spline		1
19	T02-2043	LH 'S' Cam 28 Spline		1
	T02-2044	RH 'S' Cam 28 Spline		1
20	T02-3449	Return Spring	2 per Wheel Q-Brake	4
21	T02-3480	H/D Return Spring	1 per Wheel Q-Brake	2
22	3105B210	Roller Retainer		4
23	T02-3403AU	Smooth Std Roller	For Knurled Add 'K' to Part No. e.g: T02-3403KAU	4
	T02-3404AU	Smooth ⅛" O/S Roller		4
	T02-3405AU	Smooth ¼" O/S Roller		4
24	T02-3452	Spring Retainer		4
25	TRP214515Q	Brake Shoe Lined Meritor 'Q'		2
26	T02-3415AU	H/D Roller Retainer		4
27	T02-3451	H/D Return Spring	P-Brake	2
27A	MB7016	Extra H/D Return Spring	P-Brake	2
28	TRP214515P	Brake Shoe Lined Meritor 'P'		2
29	T02-3401	Roller Retainer		4
30	T02-3302AU	Support Washer	Used with Extended Anchor Pins	8
31	T04-6002	Wheel Nut		10
32	T04-6051	Wheel Clamp		10
32A	610-1	Wheel Clamp	Malco Type	10

ROCKWELL - ARN/ATN (10 SPLINE) 4000/6000 (28 SPLINE)

CONTINUED 16-½" x 7" BRAKES



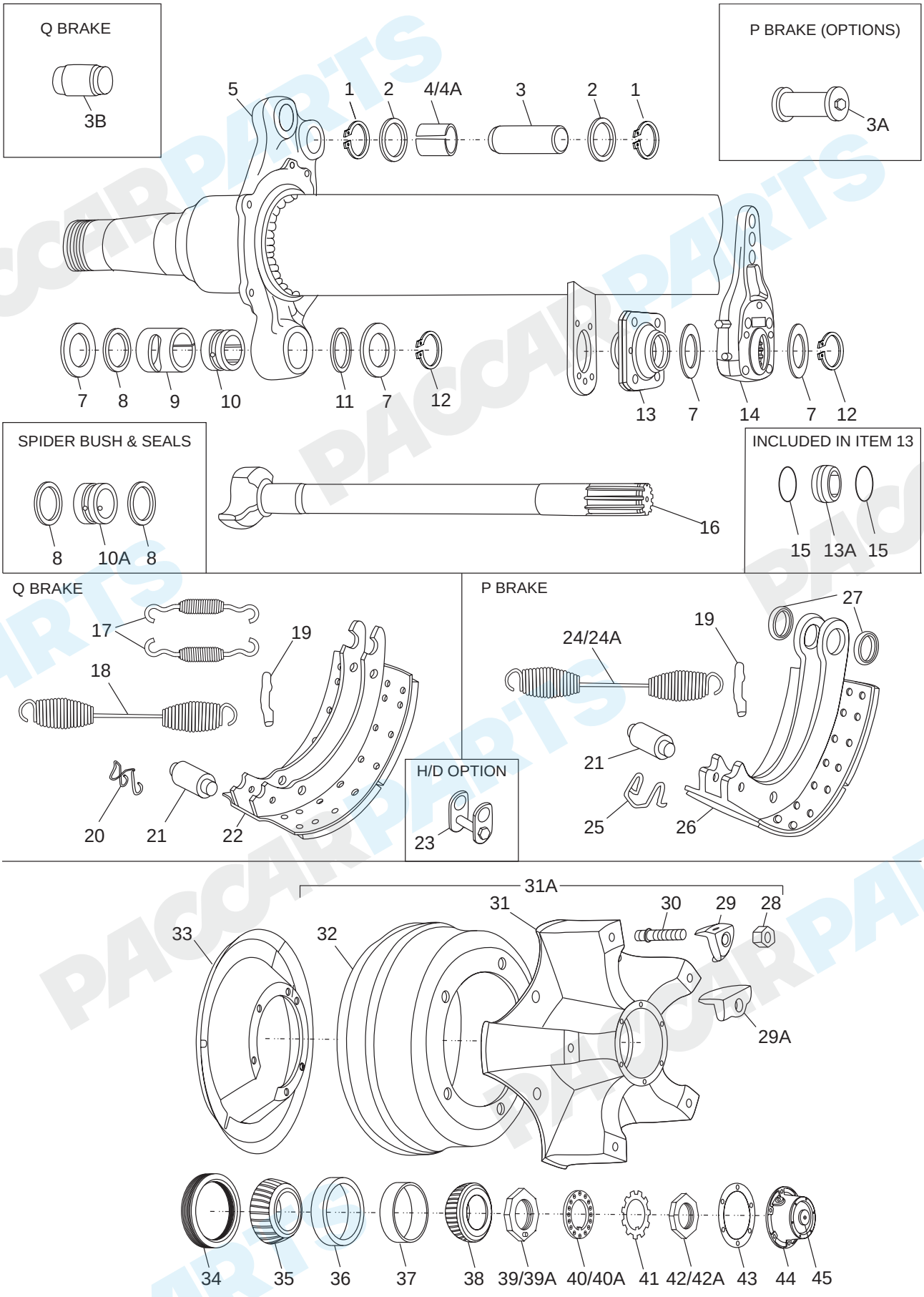
ROCKWELL - ARN/ATN (10 SPLINE) 4000/6000 (28 SPLINE)

CONTINUED 16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
33	T04-6001	Wheel Stud		10
34	KH3601/GF	5 Spoke Hub	G.P. Type	2
	NA		Rockwell Type Use Drum PN DB005TRP	2
34A	KH3600/GF	5 Spoke Hub & Drum	G.P. Type	2
35	DB005TRP	Brake Drum	Use with Hub PN T04-3323	2
	DB014TRP		Use with G.P. & Malco Type Hub	2
36	T02-5100	Dust Cover		2
37	T04-STM-0743G	Axle Seal (Grease)		2
38	HM218248T1M	Inner Cone	Refer Bearing Table for Set PN	2
39	HM218210T1M	Inner Cup		2
40	HM212011T1M	Outer Cup		2
41	HM212049T1M	Outer Cone		2
42	T04-4008	Inner Nut	Also Available as Kit PN T04-4011AU	2
43	T04-4007	Lock Washer		2
44	T04-8680	Lock Tab Washer		2
45	T04-4006	Outer Lock Nut		2
46	T04-4042	Gasket	Multi Drilled, 5 & 6 Hole	2
47	98846-046P	6 Hole Hub Cap	Grease Hub	2
	HA4009	6 Hole Stemco Hub Cap	Oil Hub (T04-4029ST 5 Hole) - Stemco PN 343-4009	2
	T04-4031CR	6 Hole CR Hub Cap	Oil Hub (T04-4029CR 5 Hole)	2
48	450434	Plug	CR Cap	2
	HP4009		Stemco Cap PN 359-5990	2

KIT PART NUMBER LISTING				
Brake Hard-ware Kits	T02-2401	H/D Brake Kit P-Brake with Circlip Anchor Pins	Includes H/D Return Springs Services 1 Wheel	2
	T02-2411	H/D Brake Kit Q-Brake		2
	T02-2412-AU	H/D Brake Kit P-Brake with Std Bolt On Anchor Pins		2
	T02-2413-AU	H/D Brake Kit P-Brake with Extn Bolt On Anchor Pins		2
S-Cam Repair Kits	T02-2303-AU	'S' Cam Bush Kit (2 piece Spider Bush, can use T02-2322)	Services 1 Axle	1
	T02-2322	'S' Cam Bush Kit (Single Spider Bush)		1
	T02-3111-AU	'S' Cam Washer & Clip Kit	Services 1 'S' Cam	2

ROCKWELL - RN / TN AXLE
16-½" x 7" BRAKES



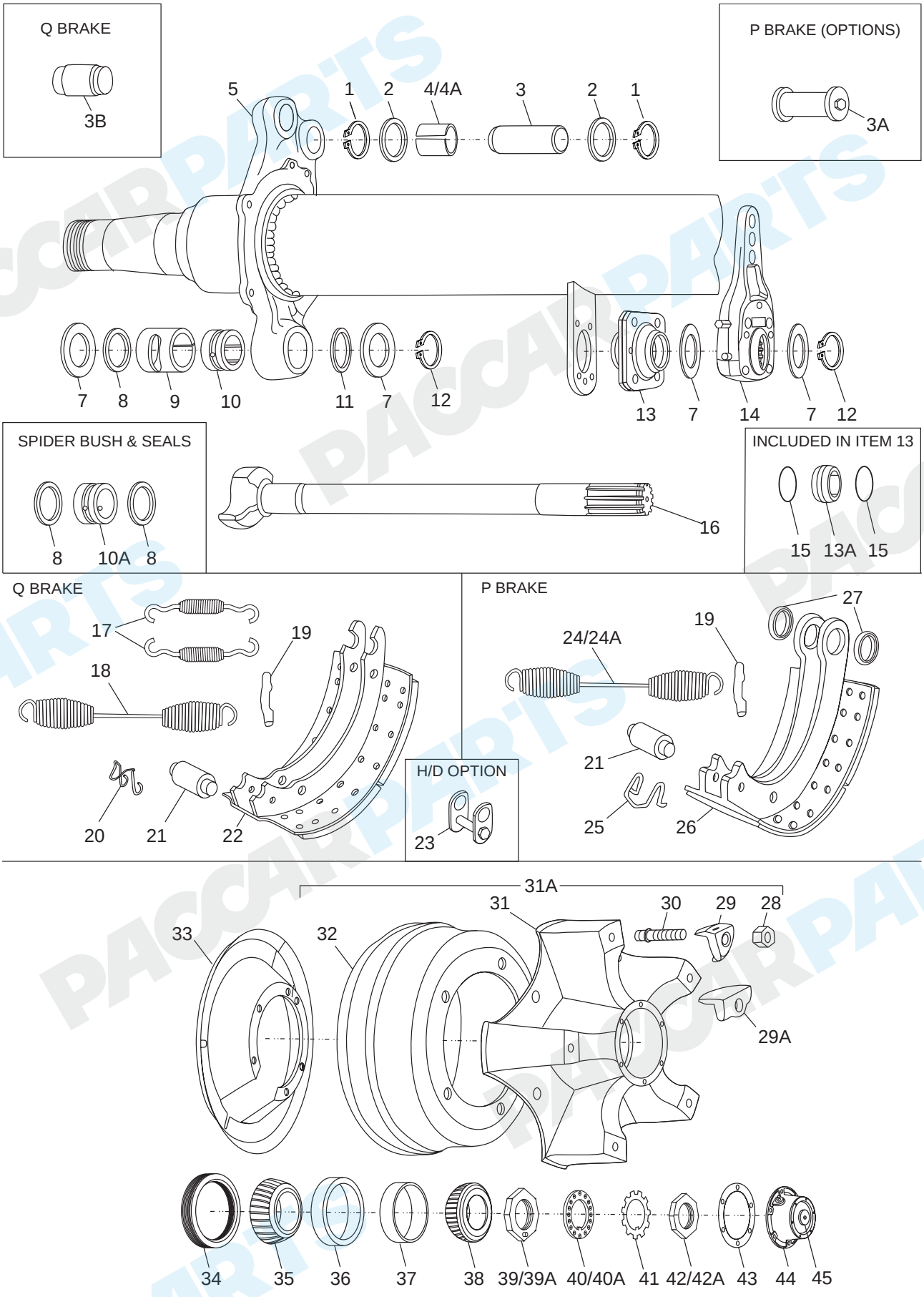
MERITOR
RUN WITH THE BULL

ROCKWELL - RN / TN AXLE
16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	1229X1116	Circlip	To Suit 1-¼" Shaft	4
2	T02-3203	Washer	1-⅞" OD x 1-¼" ID x 1⁄16"	4
3	T02-3199	P-Brake Anchor Pin	Extended Pin Circlip Type PN T02-3198	4
3A	T02-3200AU	P-Brake Anchor Pin	Extended Pin Bolt On PN T02-3304AU	4
3B	T02-3237AU	Q-Brake Anchor Pin		4
4	T02-3207	Anchor Pin Bush	Stainless Steel	4
4A	T02-3207B	Anchor Pin Bush	Bronze Lined	4
5	T02-1999	Brake Spider Flange	To Suit T02-2000 - 5 ⅛" I.D.	2
	T02-2000		Bolt On - 5 ⅝" I.D.	2
7	T02-3112	Washer	2" OD x 1-½" ID x 1⁄16"	8
8	T02-3122	Seal		4
9	T02-3114	Outer Cam Bush	RN Axle	2
10	T02-3115	Inner Cam Bush	RN Axle	2
10A	T02-3150	Outer Cam Bush TN Axle	Can Replace Item 9 &10 RN Axle	2
11	T02-3007	O-Ring		2
12	1229Z1118	Circlip	To Suit 1-½" Shaft	4
13	T02-3005	Bracket & Bush Assembly		2
13A	T02-3006	Bush	Suits 10 Spline 'S' Cam	2
14	R824000	Slack Adjuster	3 Hole, 10 Spline	2
15	T02-3007	O-Ring		4
16	T02-2003	LH 'S' Cam	10 Spline	1
	T02-2004	RH 'S' Cam		1
17	T02-3449	Return Spring	2 per Wheel Q-Brake	4
18	T02-3480	H/D Return Spring	1 per Wheel Q-Brake	2
19	T02-3452	Spring Retainer		4
20	3105B210	Roller Retainer	Q-Brake	4
21	T02-3403AU	Smooth Std Roller	For Knurled Add 'K' to Part No.	4
	T02-3404AU	Smooth ⅛" O/S Roller		4
	T02-3405AU	Smooth ¼" O/S Roller		4
22	TRP214515Q	Brake Shoe Lined Meritor 'Q'		2
23	T02-3415AU	H/D Roller Retainer		4
24	T02-3451	H/D Return Spring	P-Brake	2
24A	MB7016	Extra H/D Return Spring	P-Brake	2
25	T02-3401	Roller Retainer		4
26	TRP214515P	Brake Shoe Lined Meritor 'P'		2
27	T02-3302AU	Support Washer	Used with Extended Anchor Pins	8
28	T04-6002	Wheel Nut		10
29	T04-6051	Wheel Clamp		10
29A	610-1	Wheel Clamp	Malco Type	10
30	T04-6001	Wheel Stud		10
31	KH3601/GF	5 Spoke Hub	G.P. Type	2
31A	KH3600/GF	5 Spoke Hub & Drum	G.P. Type	2
32	DB005TRP	Brake Drum	Use with Hub PN T04-3323	2
	DB014TRP		Use with G.P. & Malco Type Hub	
33	T02-5100	Dust Cover		2

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

ROCKWELL - RN / TN AXLE CONTINUED
16-½" x 7" BRAKES

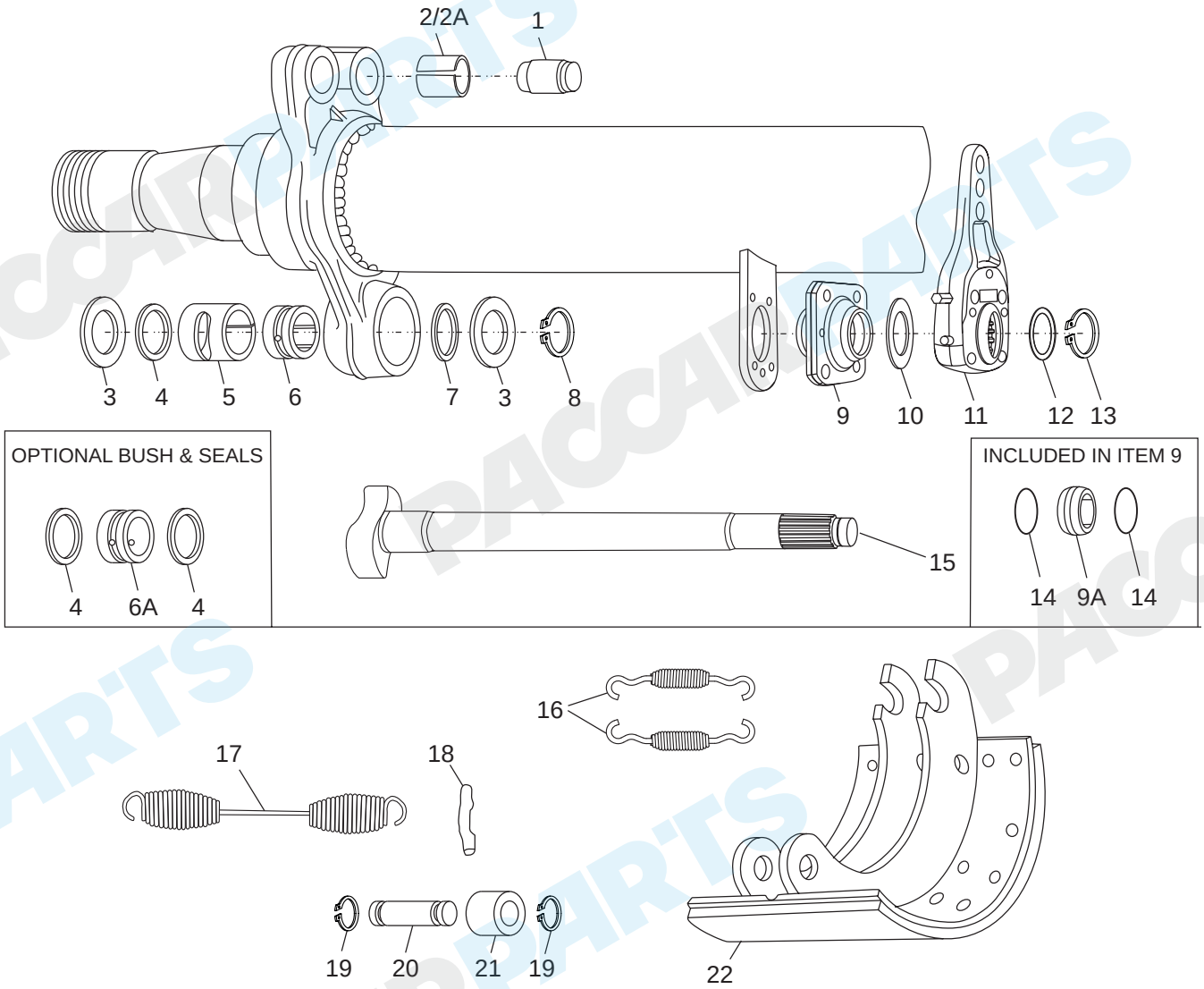


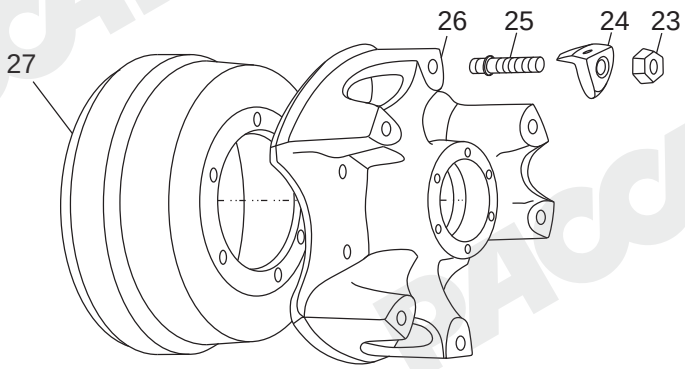
ROCKWELL - RN / TN AXLE CONTINUED
16-½" x 7" BRAKES

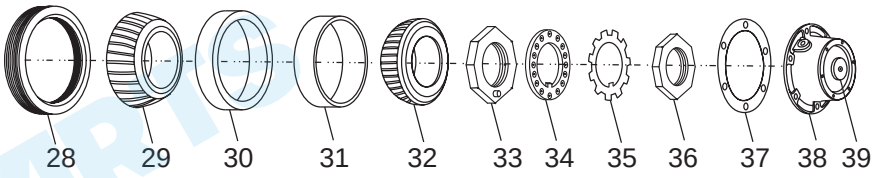
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
34	T04-STM-0743G	Axle Seal (Grease)		2
35	HM218248T1M	Inner Cone	Refer Bearing Table for Set PN	2
36	HM218210T1M	Inner Cup		2
37	HM212011T1M	Outer Cup		2
38	HM212049T1M	Outer Cone		2
39	T04-4008	Inner Nut	Also Availlable as Kit PN T04-4011AU	2
40	T04-4007	Lock Washer		2
41	T04-8680	Lock Tab Washer		2
42	T04-4006	Outer Lock Nut		2
39A	R002128	Inner Nut	RN Axle Only	2
40A	T04-4013	Lock Washer		2
42A	T04-4012	Outer Lock Nut		2
43	T04-4042	Gasket	Multi Drilled, 5 & 6 Hole	2
44	98846-046P	6 Hole Hub Cap	Grease Hub	2
	HA4009	6 Hole Stemco Hub Cap	Oil Hub (T04-4029ST 5 Hole) - Stemco PN 343-4009	2
	T04-4031CR	6 Hole CR Hub Cap	Oil Hub (T04-4029CR 5 Hole)	2
45	450434	Plug	CR Cap	2
	HP4009		Stemco Cap PN 359-5990	2

KIT PART NUMBER LISTING				
Brake Hard-ware Kits	T02-2401	H/D Brake Kit P-Brake with Circlip Anchor Pins	Includes H/D Return Springs Services 1 Wheel	2
	T02-2411	H/D Brake Kit Q-Brake		2
	T02-2412-AU	H/D Brake Kit P-Brake with Std Bolt On Anchor Pins		2
	T02-2413-AU	H/D Brake Kit P-Brake with Extn Bolt On Anchor Pins		2
S-Cam Repair Kits	T02-2300-AU	'S' Cam Bush Kit TN/TQ & Trailquip Axle	Services 1 Axle	1
	T02-2304	'S' Cam Bush Kit RN Axle (can use T02-2300-AU)		1
	T02-3110-AU	'S' Cam Washer & Clip Kit	Services 1 'S' Cam	2

ROCKWELL TN AXLE
12-¼" x 7-½" Q BRAKES







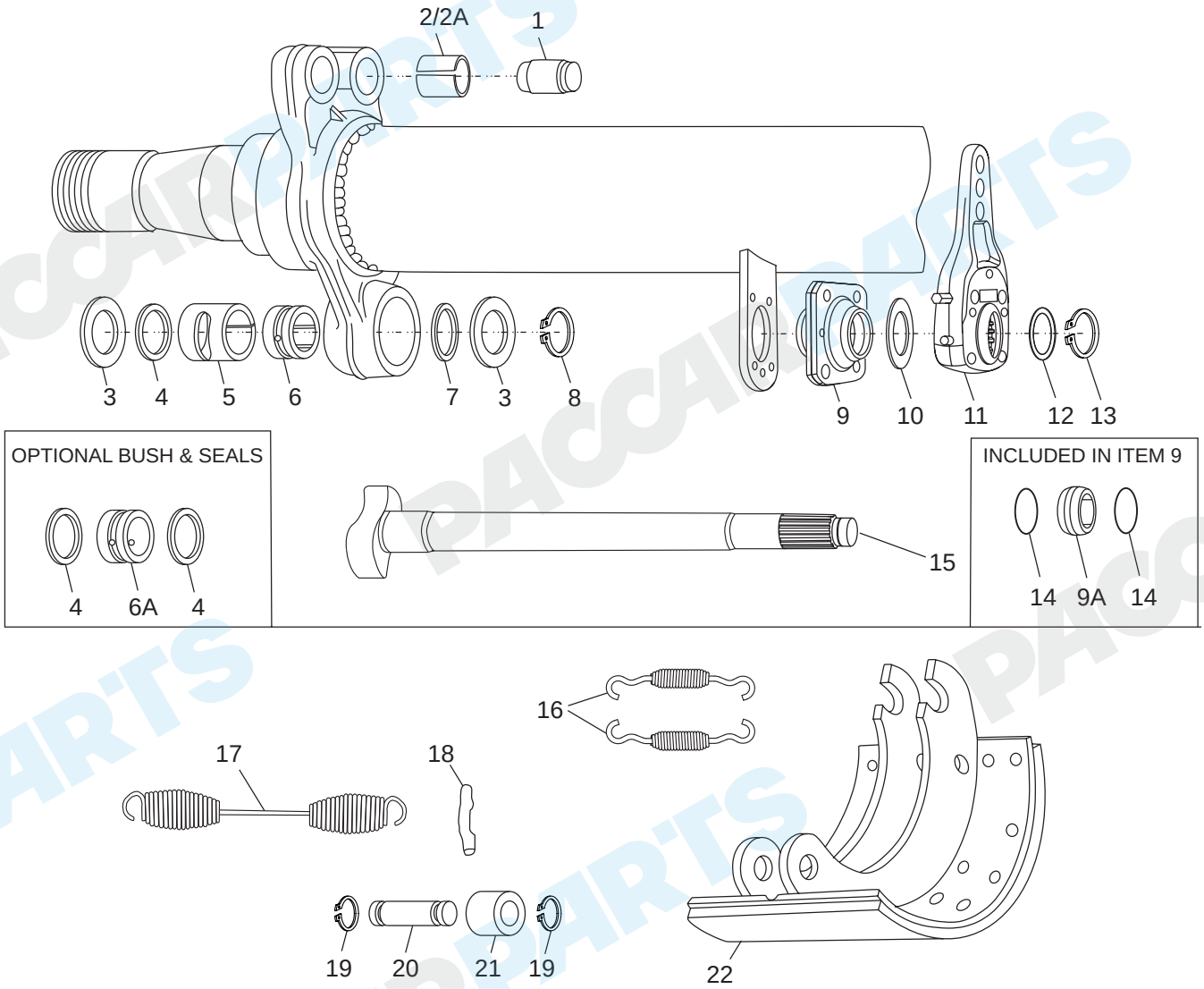
ROCKWELL TN AXLE
12-¼" x 7-½" Q BRAKES

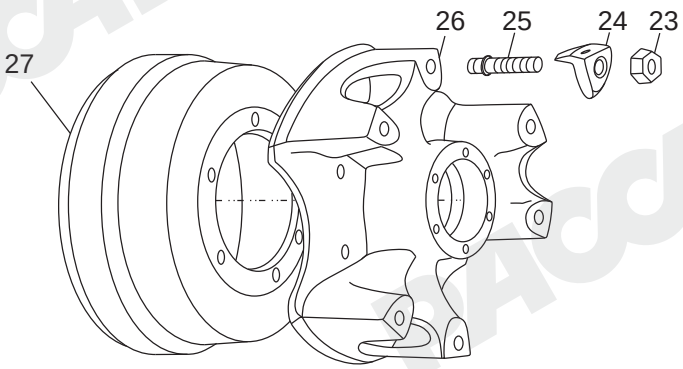
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	T02-3237AU	Q-Brake Anchor Pin		4
2	T02-3207	Anchor Pin Bush	Stainless Steel	4
2A	T02-3207B	Anchor Pin Bush	Bronze Lined	4
3	T02-3117	Washer	2" OD x 1-⅝" ID x 1/16"	4
4	T02-3118	Seal		4
5	T02-3119	Outer Cam Bush		2
6	T02-3120	Inner Cam Bush		2
6A	T02-3151	Cam Bush	Can Replace Item 5 & 6	2
7	T02-3121	O-Ring		2
8	T02-3100	Circlip	To Suit 1-⅝" Shaft	2
9	T02-3005	Bracket & Bush Assembly		2
9A	T02-3006	Inner Cam Bush		2
10	T02-3112	Washer	2" OD x 1-½" ID x 3/64"	2
11	R824003	Slack Adjuster	3 Hole, 28 Spline	2
12	T02-3203	Washer	1-⅞" OD x 1-¼" ID x 1/16"	2
13	1229X1116	Circlip	To Suit 1-¼" Shaft	2
14	T02-3007	O-Ring		4
15	2210-C-6165	RH 'S' Cam 28 Spline		1
	2210-D-6166	LH 'S' Cam 28 Spline		1
16	T02-3449	Return Spring	2 per Wheel Q-Brake	4
17	T02-3477	H/D Return Spring	1 per Wheel Q-Brake	2
18	T02-3452	Spring Retainer		4
19	T02-3422	Circlip	To Suit ¾" Shaft	8
20	T02-3478	Pin Roller		4
21	T02-3479K	Roller		4
22	KSF5554670Q	Lined Brake Shoe		2
23	T04-6002	Wheel Nut		12
24	T04-6051	Wheel Clamp		12
25	T04-6001	Wheel Stud		12
26	KH001-7000-TN	3 Spoke Hub	(Uses Drum KH52743-11)	2
	NA	6 Spoke Hub		2
27	KH52743-11	Brake Drum	8-½" Spigot / 10" PCD Can Use KH52743-11	2
	NA		7-¼" Spigot / 8-¾" PCD	2
			7" Spigot / 8-¼" PCD	2
28	T04-STM-0743G	Axle Seal (Grease)		2
29	HM218248T1M	Inner Cone	Refer Bearing Table for Set PN[1]	2
30	HM218210T1M	Inner Cup		2
31	HM212011T1M	Outer Cup		2
32	HM212049T1M	Outer Cone		2
33	T04-4008	Inner Nut	Also Availlable As Kit PN T04-4011AU	2
34	T04-4007	Lock Washer		2
35	T04-8680	Lock Tab Washer		2
36	T04-4006	Outer Lock Nut		2

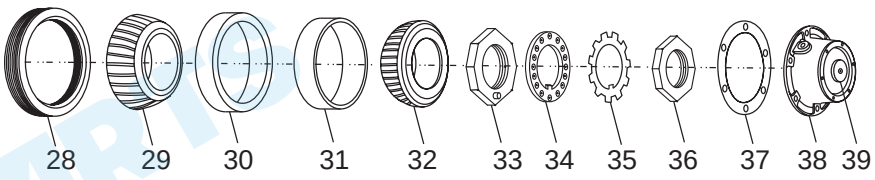
1: paccarparts.com.au/trailer

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

ROCKWELL TN AXLE CONTINUED
12-¼" x 7-½" Q BRAKES



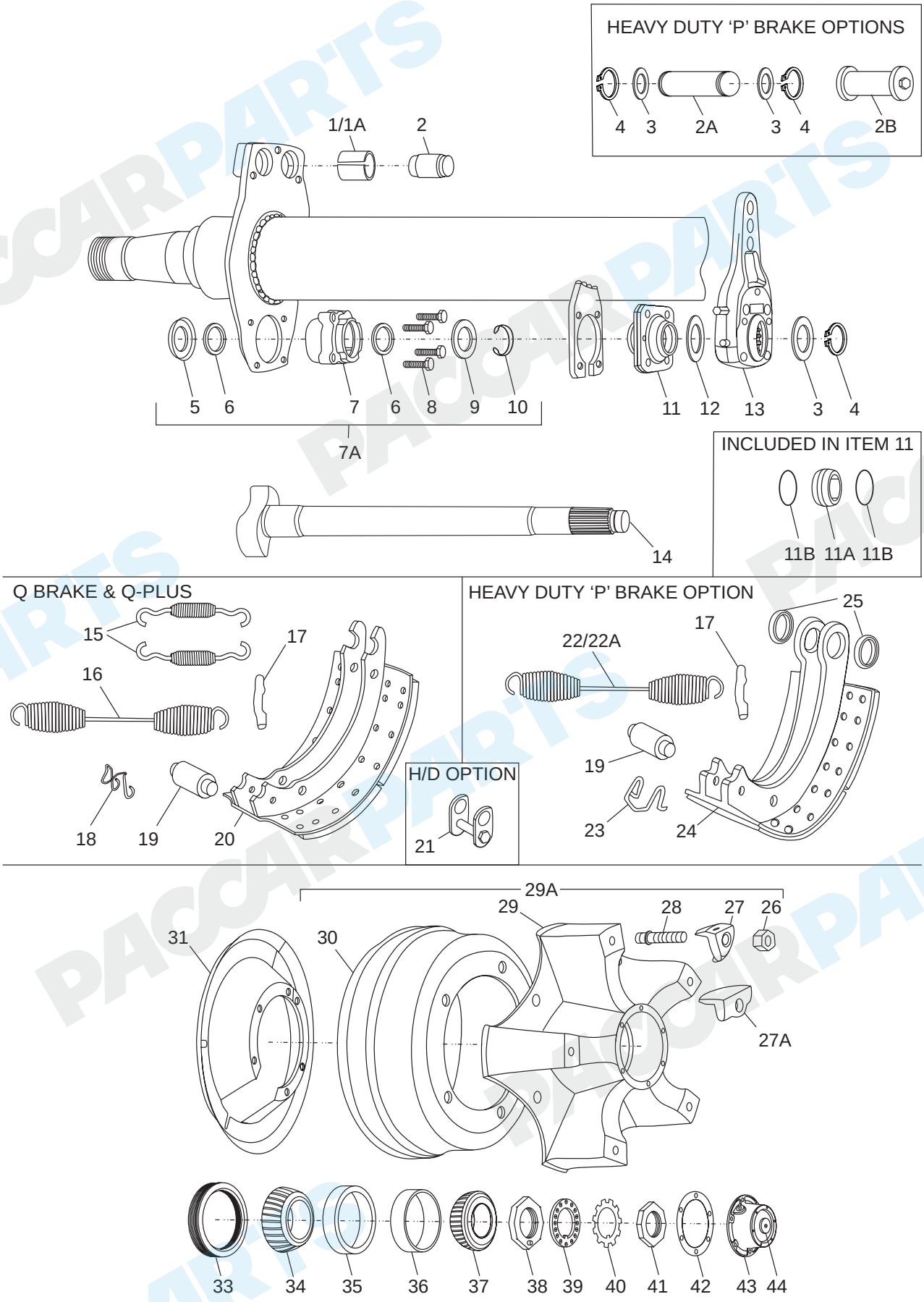




ROCKWELL TN AXLE CONTINUED
12-¼" x 7-½" Q BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
37	T04-4042	Gasket	Multi Drilled, 5 & 6 Hole	2
38	98846-046P	6 Hole Hub Cap	Grease Hub	2
	HA4009	6 Hole Stemco Hub Cap	Oil Hub (T04-4029ST 5 Hole) - Stemco PN 343-4009	2
	T04-4031CR	6 Hole CR Hub Cap	T04-4029CR 5 Hole Hub Cap	2
39	450434	Plug	CR Cap	2
	HP4009		Stemco Cap PN 359-5990	2
KIT PART NUMBER LISTING				
Brake Hardware Kits	T02-2407	H/D Brake Kit	Services 1 Wheel	2
S-Cam Repair Kits	T02-2303-AU	'S' Cam Bush Kit (2 Piece Spider Bush, Can Use T02-2322)	Services 1 Axle	1
	T02-2322	'S' Cam Bush Kit (Single Spider Bush)		1
	T02-3111-AU	'S' Cam Washer & Clip Kit	Services 1 'S' Cam	1
Hub & Drum Assembly	KH001-70003	3 Spoke Hub & Drum Assembly		2

ROCKWELL TN/TQ AXLE
FABRICATED BRAKE SPIDER 16-½" x 7" BRAKES

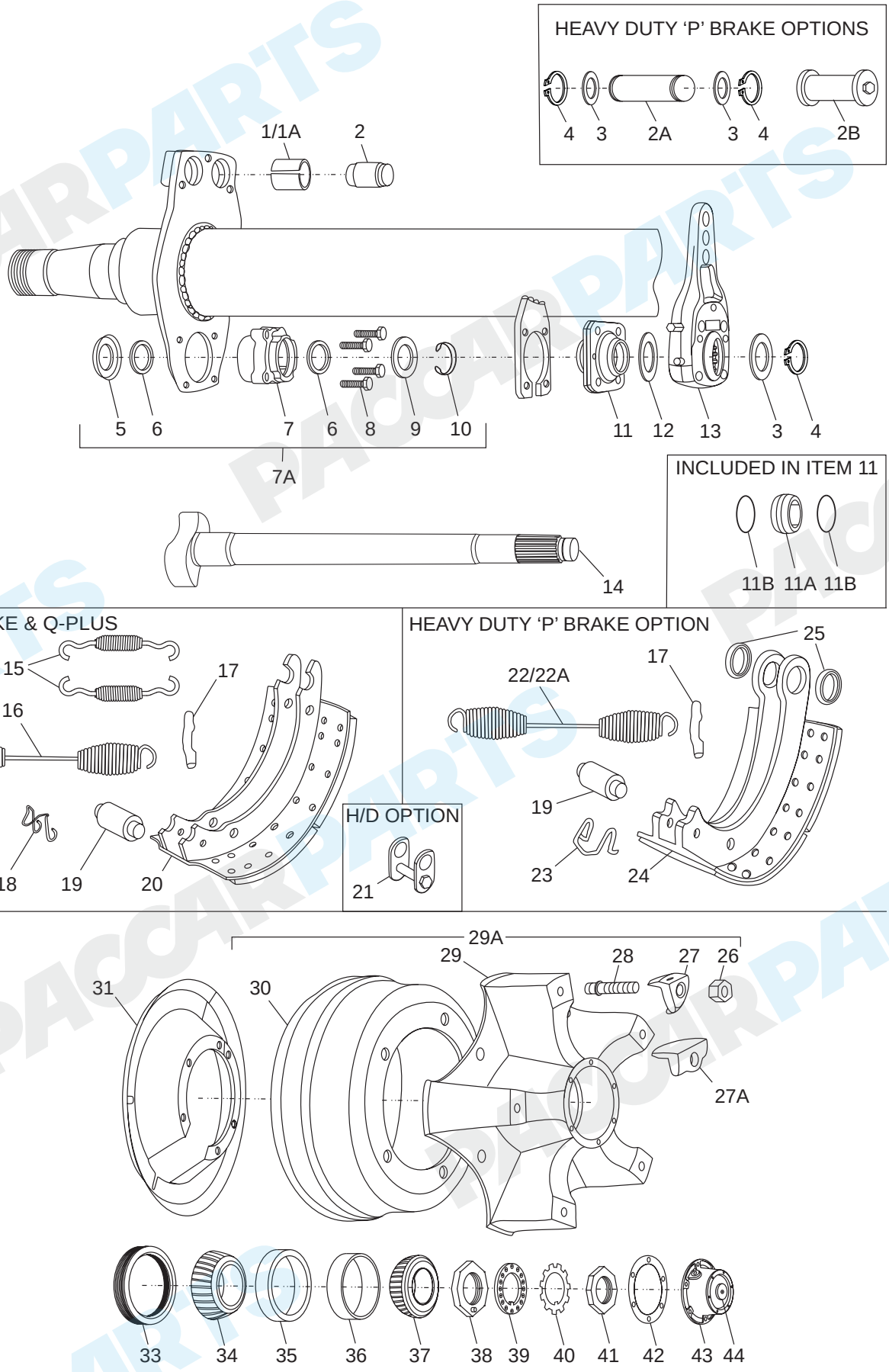


ROCKWELL TN/TQ AXLE
FABRICATED BRAKE SPIDER 16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	T02-3207	Anchor Pin Bush	Stainless Steel	4
1A	T02-3207B	Anchor Pin Bush	Bronze Lined	4
2	T02-3237AU	Q-Brake Anchor Pin		4
2A	T02-3199	P-Brake Anchor Pin	Extended Pin Circlip Type PN T02-3198	4
2B	T02-3200AU	P-Brake Anchor Pin	Extended Pin Bolt On PN T02-3304AU	4
3	T02-3203	Washer	1-⅞" OD x 1-¼" ID x 1/16"	8
4	1229X1116	Circlip	To Suit 1-¼" Shaft	8
5	T02-3094	Cam Head Washer	Cup Type	2
6	T02-3118	Seal		4
7	A3105L1078	Cam Bush		2
7A	T02-2230	Bush Kit	Includes Items 5-10	2
8	NA	Bolt	Use Bush Kit T02-2230	8
9	T02-3095	Washer	2-⅜" OD x 1-⅝" ID x 3/32"	2
10	T02-3093	Snap Ring		2
11	T02-3005	Bracket & Bush Assembly		2
11A	T02-3006	Bush		2
11B	T02-3007	O-Ring		4
12	T02-3102	Washer	2-¼" OD x 1-½" ID x 1/16"	2
13	R824003	Slack Adjuster	3 Hole, 28 Spline	2
14	T02-2069	LH 'S' Cam	28 Spline x 24-1/16"	1
	T02-2070	RH 'S' Cam		1
	T02-2071	LH 'S' Cam	28 Spline x 20-13/32"	1
	T02-2072	RH 'S' Cam		1
15	T02-3449	Return Spring	2 per Wheel Q-Brake	4
16	T02-3480	H/D Return Spring	1 per Wheel Q-Brake	2
17	T02-3452	Spring Retainer		4
18	3105B210	Roller Retainer	Q-Brake	4
19	T02-3403AU	Smooth Std Roller	For Knurled Add 'K' to Part No.	4
	T02-3404AU	Smooth ⅛" O/S Roller		4
	T02-3405AU	Smooth ¼" O/S Roller		4
20	TRP214515Q	Lined Brake Shoe	Meritor Drive 'Q'	2
	TRP214707QP		Meritor Drive 'Q Plus'	2
21	T02-3415AU	H/D Roller Retainer		4
22	T02-3451	H/D Return Spring	P-Brake	2
22A	MB7016	Extra H/D Return Spring	P-Brake	2
23	T02-3401	Roller Retainer		4
24	TRP214515P	Lined Brake Shoe	Meritor Drive 'P'	2
25	T02-3302AU	Support Washer	Used With Extended Anchor Pins	8
26	T04-6002	Wheel Nut		10
27	T04-6051	Wheel Clamp		10
27A	610-1	Wheel Clamp	Malco Type	10
28	T04-6001	Wheel Stud		10
29	KH3601/GF	5 Spoke Hub	G.P. Type	2
	NA		Malco Type	2
29A	KH3600/GF	5 Spoke Hub & Drum	G.P. Type	2
	NA		Malco Type	2

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

ROCKWELL TN/TQ AXLE CONTINUED
FABRICATED BRAKE SPIDER 16-½" x 7" BRAKES



ROCKWELL TN/TQ AXLE CONTINUED
FABRICATED BRAKE SPIDER 16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
30	DB014TRP	Brake Drum	Use With G.P. & Malco Type Hub	2
31	E-9095A	Dust Cover	Use Bolt Kit T02-5103	2
33	T04-STM-0743G	Axle Seal (Grease)		2
34	HM218248T1M	Inner Cone	Refer Bearing Table for Set PN[1]	2
35	HM218210T1M	Inner Cup		2
36	HM212011T1M	Outer Cup		2
37	HM212049T1M	Outer Cone		2
38	T04-4008	Inner Nut	Also Availlable As Kit PN T04-4011AU	2
39	T04-4007	Lock Washer		2
40	T04-8680	Lock Tab Washer		2
41	T04-4006	Outer Lock Nut		2
42	T04-4042	Gasket	Multi Drilled, 5 & 6 Hole	2
43	98846-046P	6 Hole Hub Cap	Grease Hub	2
	HA4009	6 Hole Stemco Hub Cap	Oil Hub (T04-4029ST 5 Hole) - Stemco PN 343-4009	2
	T04-4031CR	6 Hole CR Hub Cap	Oil Hub (T04-4029CR 5 Hole)	2
44	450434	Plug	CR Cap	2
	HP4009		Stemco Cap PN 359-5990	2

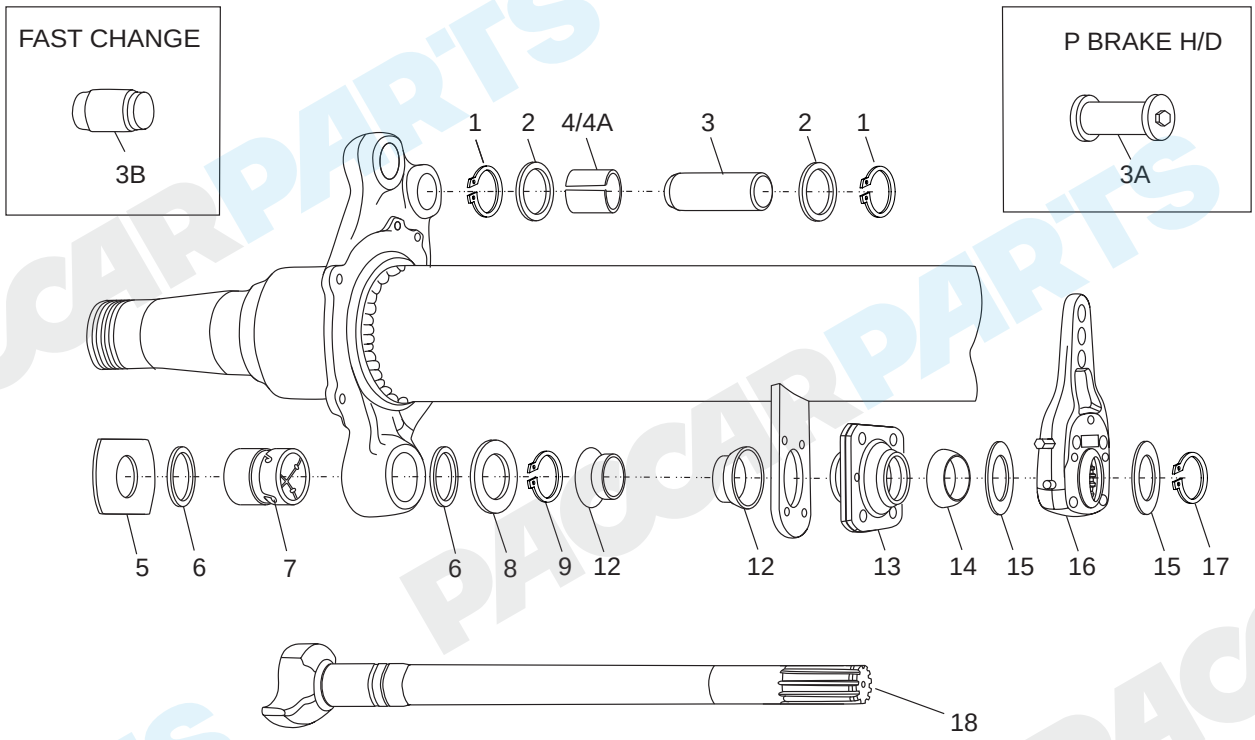
KIT PART NUMBER LISTING				
Brake Hard-ware Kits	T02-2401	H/D Brake Kit P-Brake with Circlip Anchor Pins	Includes H/D Return Springs Services 1 Wheel	2
	T02-2411	H/D Brake Kit Q-Brake		2
	T02-2412-AU	H/D Brake Kit P-Brake with Std Bolt On Anchor Pins		2
	T02-2413-AU	H/D Brake Kit P-Brake with Extn Bolt On Anchor Pins		2
S-Cam Repair Kit	T02-2307	'S' Cam Bush Kit	(Contains 2 x Items 3, 4, 7, 11 & 12) Service 1 Axle	1

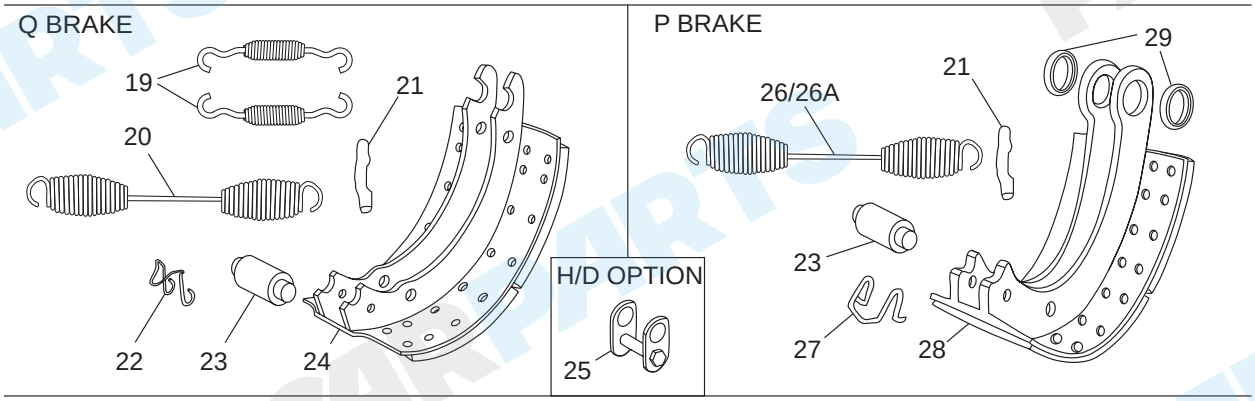
1: paccarparts.com.au/trailer

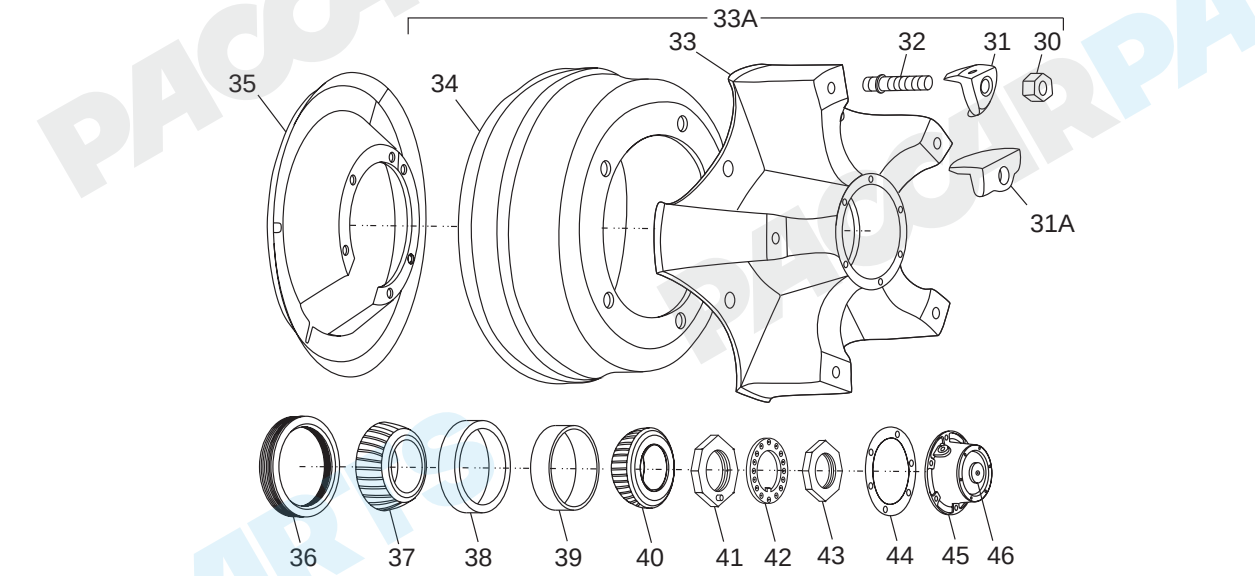
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

R.O.R TN METRIC AXLE

CAST BRAKE SPIDER/STEPPED CAMSHAFTS (TO JUNE 1991) 16-½" x 7" BRAKES







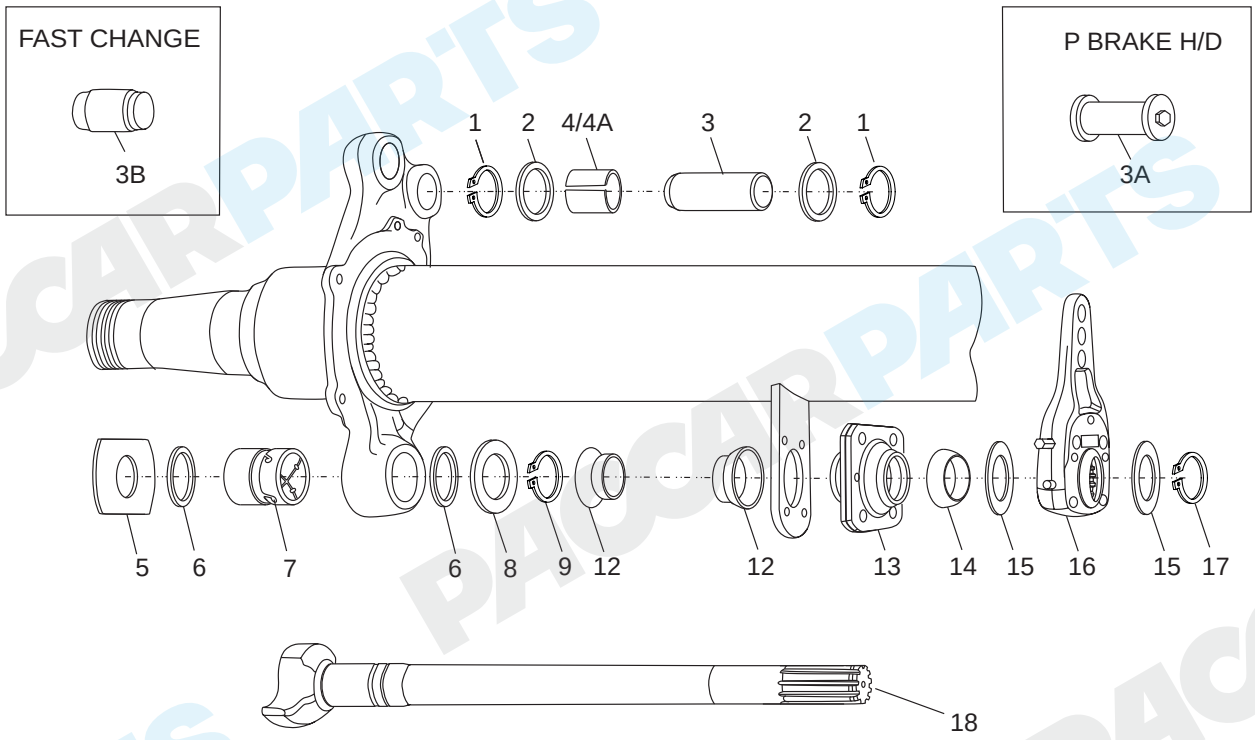
MERITOR
RUN WITH THE BULL

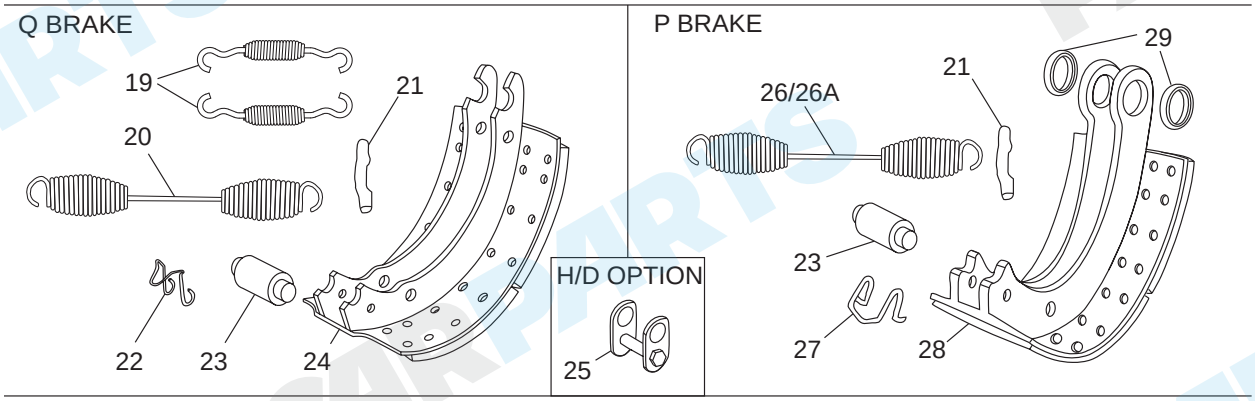
R.O.R TN METRIC AXLE
CAST BRAKE SPIDER/STEPPED CAMSHAFTS (TO JUNE 1991) 16-½" x 7" BRAKES

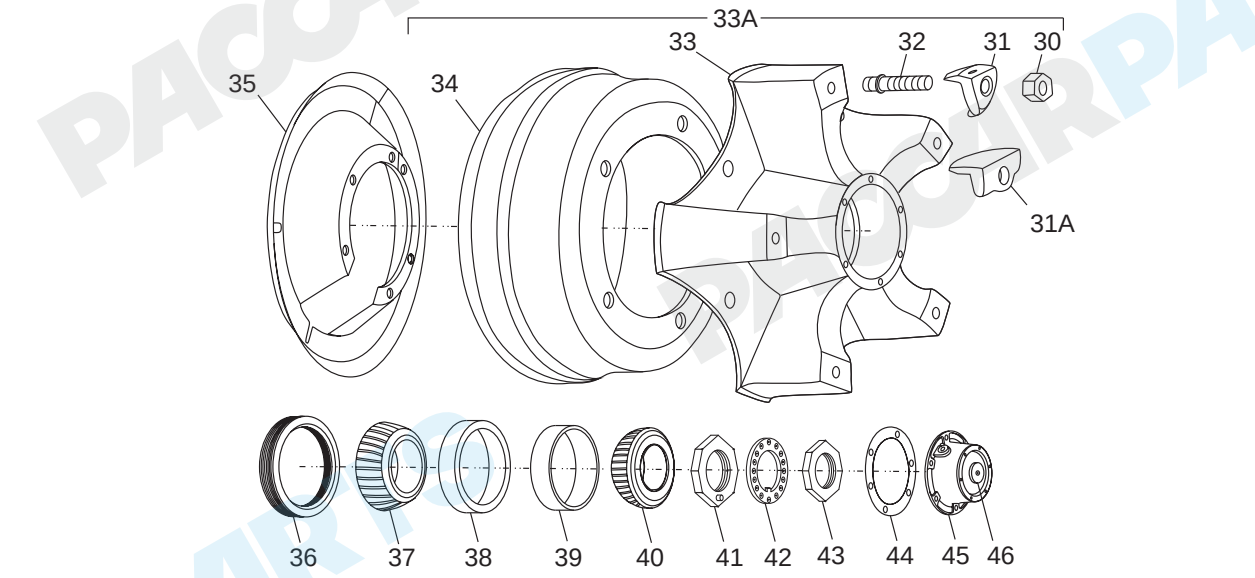
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	1229X1116	Circlip	To Suit 1-¼" Shaft	8
2	T02-3203	Washer	1-⅞" OD x 1-¼" ID x 1⁄16"	8
3	T02-3199	P-Brake Anchor Pin	Extended Pin Circlip Type PN T02-3198	4
3A	T02-3200AU	P-Brake Anchor Pin	Extended Pin Bolt On PN T02-3304AU	4
3B	T02-3237AU	Q-Brake Anchor Pin		4
4	T02-3207	Anchor Pin Bush	Stainless Steel	4
4A	T02-3207B	Anchor Pin Bush	Bronze Lined	4
5	T02-3096	'D' Washer		2
6	T02-3175	O-Ring		4
7	NSS	Outer Cam Bush	Included in S-Cam Bush Kit T02-2312	2
8	T02-3117	Washer	2" OD x 1-⅝" ID x 1⁄16"	2
9	T02-3100	Circlip	To Suit 1-⅝" Shaft	2
12	NSS	Dust Boot	Included in S-Cam Bush Kit	4
13	15213430	Bracket & Bush Assembly	Same as T02-3005 with ½" MTG Holes	2
14	NSS	Dust Boot (Short)	Included in S-Cam Bush Kit	2
15	T02-3102	Washer	2 ¼" OD x 1-½" ID x 1⁄16"	4
16	R824000	Slack Adjuster	3 Hole, 10 Spline	2
17	1229Z1118	Circlip	To suit 1-½" shaft	2
18	21219257S	LH 'S' Cam	20.5" 10 Spline	1
	21219258S	RH 'S' Cam	20.5" 10 Spline	1
19	T02-3449	Return Spring	2 per Wheel Q-Brake	4
20	T02-3480	H/D Return Spring	1 per Wheel Q-Brake	2
21	T02-3452	Spring Retainer		4
22	E-3227	Roller Retainer	Q-Brake	4
23	T02-3403AU	Smooth Std Roller	For Knurled Add 'K' to Part No.	4
	T02-3404AU	Smooth ⅛" O/S Roller		4
	T02-3405AU	Smooth ¼" O/S Roller		4
24	TRP214515Q	Brake Shoe Lined Meritor 'Q'		2
25	T02-3415AU	H/D Roller Retainer		4
26	MB7016	Extra H/D Return Spring	P-Brake	2
26A	T02-3451	H/D Return Spring	P-Brake	2
27	T02-3401	Roller Retainer		4
28	TRP214515P	Brake Shoe Lined Meritor 'P'		2
29	T02-3302AU	Support Washer	Used with Extended Anchor Pins	8
30	T04-6002	Wheel Nut		10
31	T04-6051	Wheel Clamp		10
31A	610-1	Wheel Clamp	Malco Type	10
32	T04-6001	Wheel Stud		10
33	KH3601/GF	5 Spoke Hub	G.P. Type	2
	NA		Rockwell Type with 11-¼" Spigot	2
33A	KH3600/GF	5 Spoke Hub & Drum	G.P. Type	2
34	DB005TRP	Brake Drum	With 11-¼" Spigot	2
	DB014TRP		With 9-7⁄16" Spigot	2

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

R.O.R TN METRIC AXLE CONTINUED
CAST BRAKE SPIDER/STEPPED CAMSHAFTS (TO JUNE 1991) 16-½" x 7" BRAKES







R.O.R TN METRIC AXLE CONTINUED
CAST BRAKE SPIDER/STEPPED CAMSHAFTS (TO JUNE 1991) 16-½" x 7" BRAKES

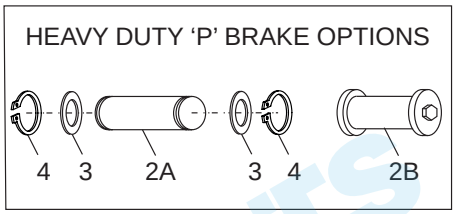
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
35	21224522	Dust Cover	PN 15224518 To Fit Backing Plate	2
36	T04-STM-0743G	Axle Seal (Grease)		2
37	HM218248T1M	Inner Cone	Refer Bearing Table for Set PN[1]	2
38	HM218210T1M	Inner Cup		2
39	HM212011T1M	Outer Cup		2
40	HM212049T1M	Outer Cone		2
41	T04-4092	Inner Nut	Also Availlable as Kit PN AXL105	2
42	T04-4091	Lock Washer		2
43	T04-4093	Outer Lock Nut		2
44	T04-4042	Gasket	Multi Drilled, 5 & 6 Hole	2
45	98846-046P	6 Hole Hub Cap	Grease Hub	2
	HA4009	6 Hole Stemco Hub Cap	Oil Hub (T04-4029ST 5 Hole) - Stemco PN 343-4009	2
	T04-4031CR	6 Hole CR Hub Cap	T04-4029CR 5 Hole Hub Cap	2
46	450434	Plug	CR Cap	2
	HP4009		Stemco Cap PN 359-5990	2

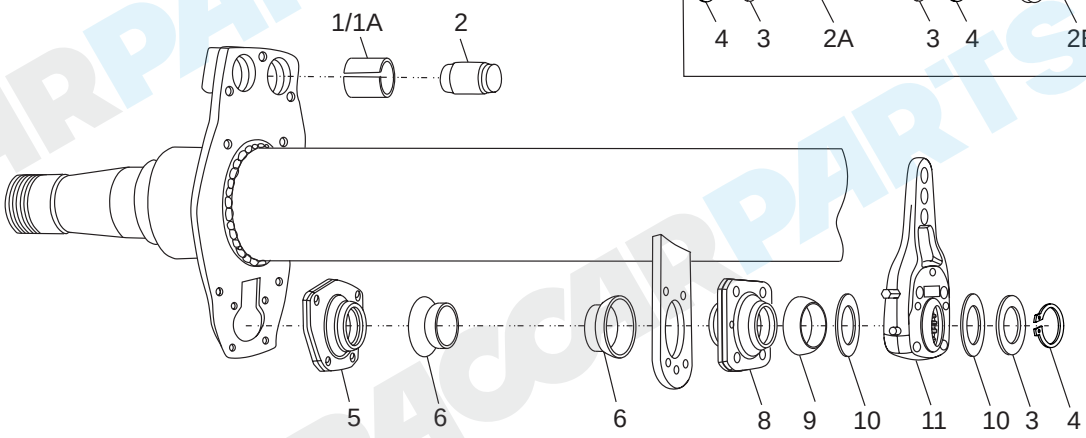
KIT PART NUMBER LISTING				
Brake Hard-ware Kits	T02-2401	H/D Brake Kit P-Brake with Circlip Anchor Pins	Includes H/D Return Springs Services 1 Wheel	2
	T02-2411	H/D Brake Kit Q-Brake		2
	T02-2412-AU	H/D Brake Kit P-Brake with Std Bolt On Anchor Pins		2
	T02-2413-AU	H/D Brake Kit P-Brake with Extn Bolt On Anchor Pins		2
S-Cam Repair Kit	T02-2312	'S' Cam Bush Kit	Services 1 'S'Cam	2
Axle Nut Kit	AXL105	Axle Nut Kit - contains Item 41-43	Services 1 Wheel	2

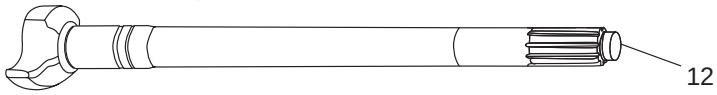
1: paccarparts.com.au/trailer

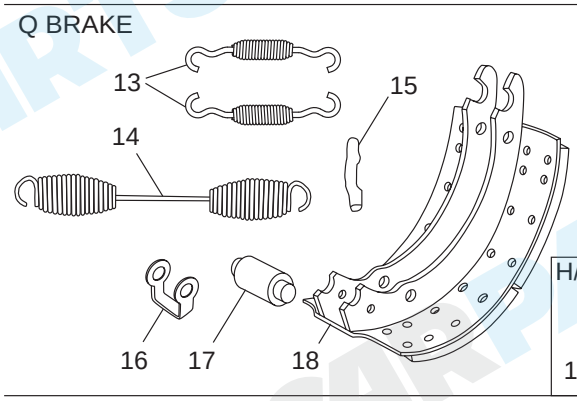
R.O.R TN METRIC AXLE

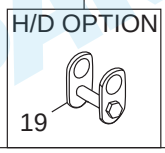
FABRICATED BRAKE SPIDER/STEPPED CAMSHAFTS (FROM JUNE 1991) 16-½" x 7" BRAKES

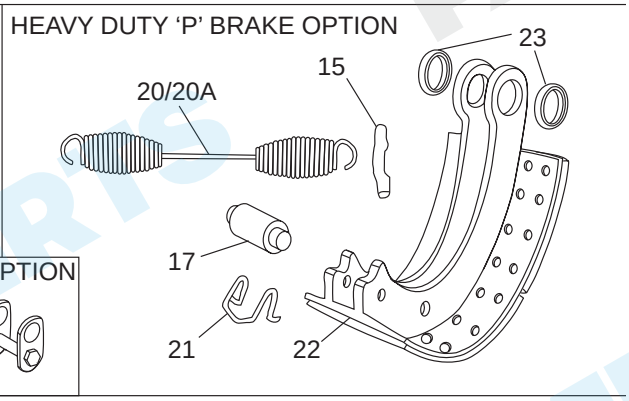


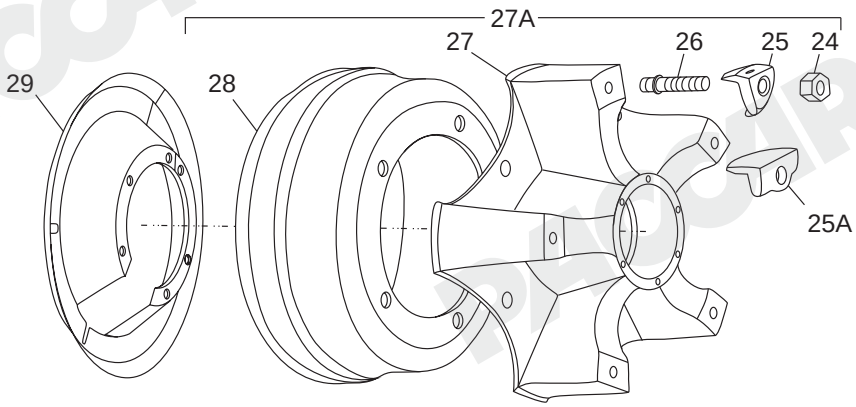


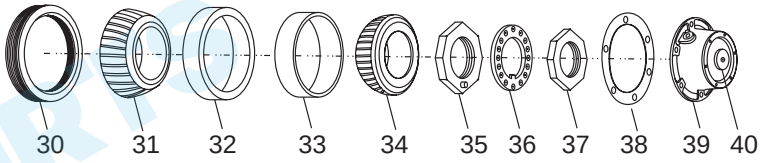












MERITOR
RUN WITH THE BULL

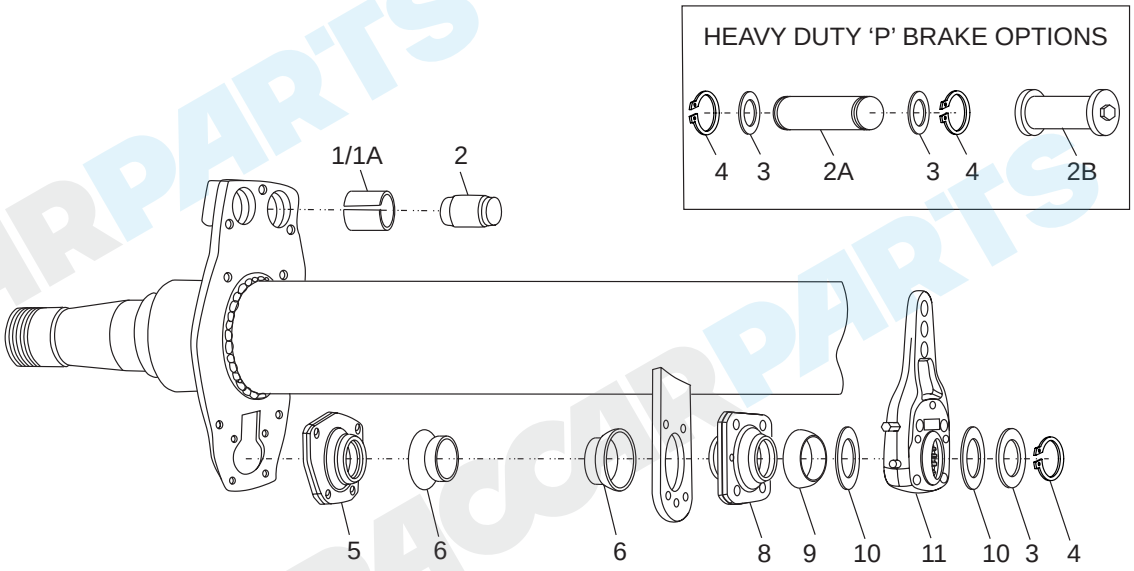
R.O.R TN METRIC AXLE
FABRICATED BRAKE SPIDER/STEPPED CAMSHAFTS (FROM JUNE 1991) 16-½" x 7" BRAKES

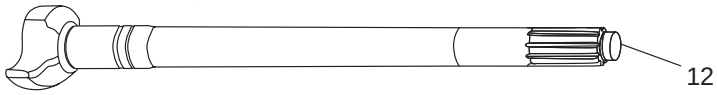
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	T02-3207	Anchor Pin Bush	Stainless Steel	4
1A	T02-3207B	Anchor Pin Bush	Bronze Lined	4
2	T02-3237AU	Q-Brake Anchor Pin		4
2A	T02-3199	P-Brake Anchor Pin	Extended Pin Circlip Type PN: T02-3198	4
2B	T02-3200AU	P-Brake Anchor Pin	Extended Pin Bolt On PN: T02-3304AU	4
3	T02-3203	Washer	1-⅞" OD x 1-¼" ID x 1/16"	8
4	1229X1116	Circlip	To Suit 1-¼" Shaft	8
5	T02-2230	Outer Cam Bush Assy	US Meritor Style	2
	NA		Has an Internal Circlip	2
6	NSS	Dust Boot	Included in S-Cam Bush Kit	4
8	15213430	Bracket & Bush assy	Same as T02-3005 With ½" Mounting Holes	2
9	NSS	Dust Boot (Short)	Included in S-Cam Bush Kit	2
10	T02-3102	Washer	2 ¼" OD x 1-½" ID x 1/16"	4
11	R824000	Slack Adjuster	3 Hole, 10 Spline	2
12	21221070S	RH 'S' Cam	22.5" 10 Spline	1
	21221071S	LH 'S' Cam		1
13	T02-3449	Return Spring	2 per Wheel Q-Brake	4
14	T02-3480	H/D Return Spring	1 per Wheel Q-Brake	2
15	T02-3452	Spring Retainer		4
16	E-3227	Roller Retainer	Q-Brake	4
17	T02-3403AU	Smooth Std Roller	For Knurled Add 'K' to Part No.	4
	T02-3404AU	Smooth ⅛" O/S Roller		4
	T02-3405AU	Smooth ¼" O/S Roller		4
18	TRP214515Q	Brake Shoe Lined Meritor 'Q'		2
19	T02-3415AU	H/D Roller Retainer		4
20	MB7016	Extra H/D Return Spring	P-Brake	2
20A	T02-3451	H/D Return Spring	P-Brake	2
21	T02-3401	Roller Retainer		4
22	TRP214515P	Brake Shoe Lined Meritor 'P'		2
23	T02-3302AU	Support Washer	Used With Extended Anchor Pins	8
24	T04-6002	Wheel Nut		10
25	T04-6051	Wheel Clamp		10
25A	610-1	Wheel Clamp	Malco Type	10
26	T04-6001	Wheel Stud		10
27	KH3601/GF	5 Spoke Hub	G.P. Type	2
	NA		Rockwell Type with 11-¼" Spigot	2
27A	KH3600/GF	5 Spoke Hub & Drum	G.P. Type	2
28	DB005TRP	Brake Drum	With 11-¼" Spigot	2
	DB014TRP		With 9-7/16" Spigot	2
29	NA	Dust Cover		2
30	T04-STM-0743G	Axle Seal (Grease)		2
31	HM218248T1M	Inner Cone	Refer Bearing Table for Set PN	2

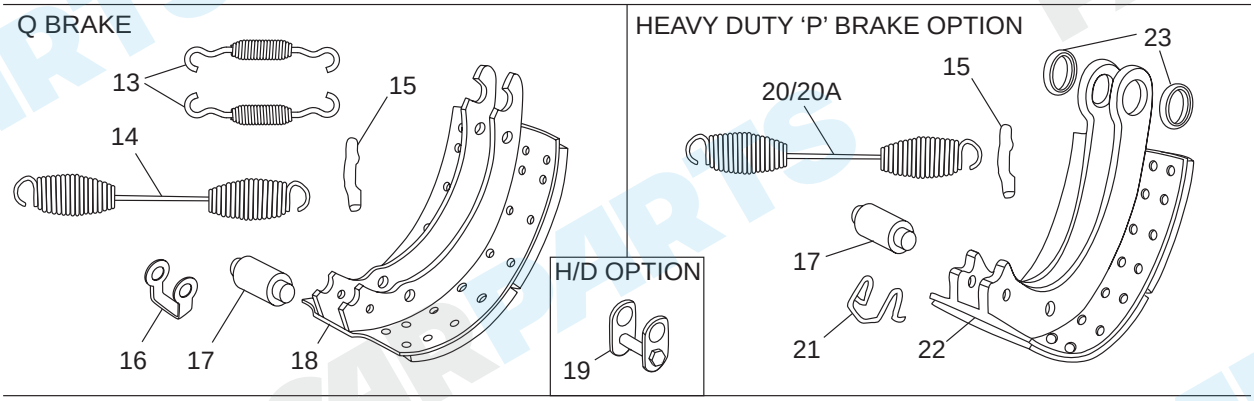
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

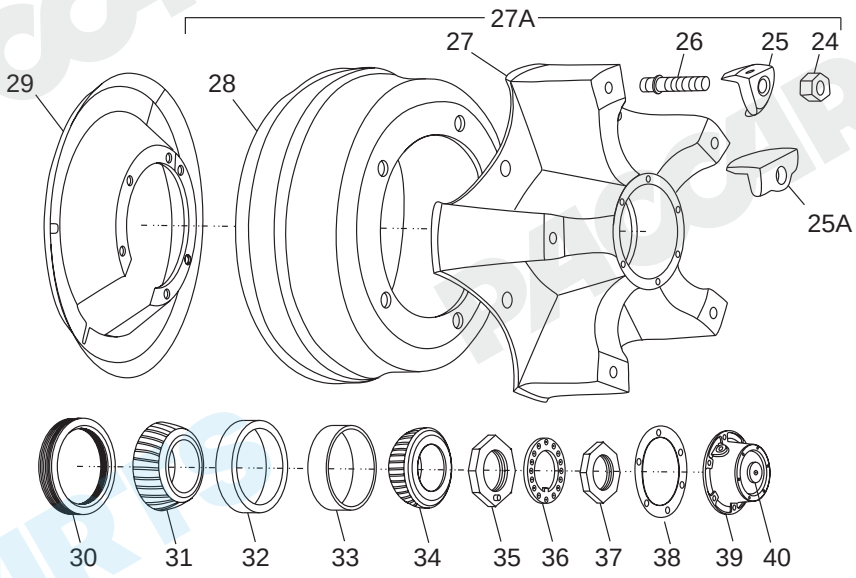
R.O.R TN METRIC AXLE CONTINUED

FABRICATED BRAKE SPIDER/STEPPED CAMSHAFTS (FROM JUNE 1991) 16-½" x 7" BRAKES









R.O.R TN METRIC AXLE CONTINUED
FABRICATED BRAKE SPIDER/STEPPED CAMSHAFTS (FROM JUNE 1991) 16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
32	HM218210T1M	Inner Cup	Refer Bearing Table for Set PN[1]	2
33	HM212011T1M	Outer Cup		2
34	HM212049T1M	Outer Cone		2
35	T04-4092	Inner Nut	Also Availlable As Kit PN AXL105	2
36	T04-4091	Lock Washer		2
37	T04-4093	Outer Lock Nut		2
38	T04-4042	Gasket	Multi Drilled, 5 & 6 Hole	2
39	98846-046P	6 Hole Hub Cap	Grease Hub	2
	HA4009	6 Hole Stemco Hub Cap	T04-4029ST 5 Hole Hub Cap - Stemco PN 343-4009	2
	T04-4031CR	6 Hole CR Hub Cap	T04-4029CR 5 Hole Hub Cap	2
40	450434	Plug	CR Cap	2
	HP4009		Stemco Cap PN 359-5990	2

KIT PART NUMBER LISTING				
Brake Hard-ware Kits	T02-2401	H/D Brake Kit P-Brake with Circlip Anchor Pins	Includes H/D Return Springs Services 1 Wheel	2
	T02-2411	H/D Brake Kit Q-Brake		2
	T02-2412-AU	H/D Brake Kit P-Brake with Std Bolt On Anchor Pins		2
	T02-2413-AU	H/D Brake Kit P-Brake with Extn Bolt On Anchor Pins		2
S-Cam Repair Kit	T02-2313	'S' Cam Bush Kit	Services 1 'S' Cam	2
Axle Nut Kit	AXL105	Axle Nut Kit - contains Item 41-43	Services 1 Wheel	2

1: paccarparts.com.au/trailer

NOTES

EARLY TRAILER AXLES

GENERAL PURPOSE AXLES (EARLY) 306
HAULMARK/MCGRATH/ROCKWELL
TL/RUBERY OWEN AXLE - 16-½" x 7" BRAKES

DANA SPICER AXLE IDENTIFICATION 310

DANA SPICER - D21, D22, K21 & K22 312
16-½" x 7" BRAKES

DANA SPICER - EARLY/STANDARD FORGE 316
12-¼" x 7-½" BRAKES (CAST SHOES)

DANA SPICER - LATE/STANDARD FORGE 320
12-¼" x 7-½" BRAKES (FABRICATED SHOES)

FREIGHTER INGERSOLL(IMT) - A22H/F22H AXLE 324
16-½" x 7" BRAKES

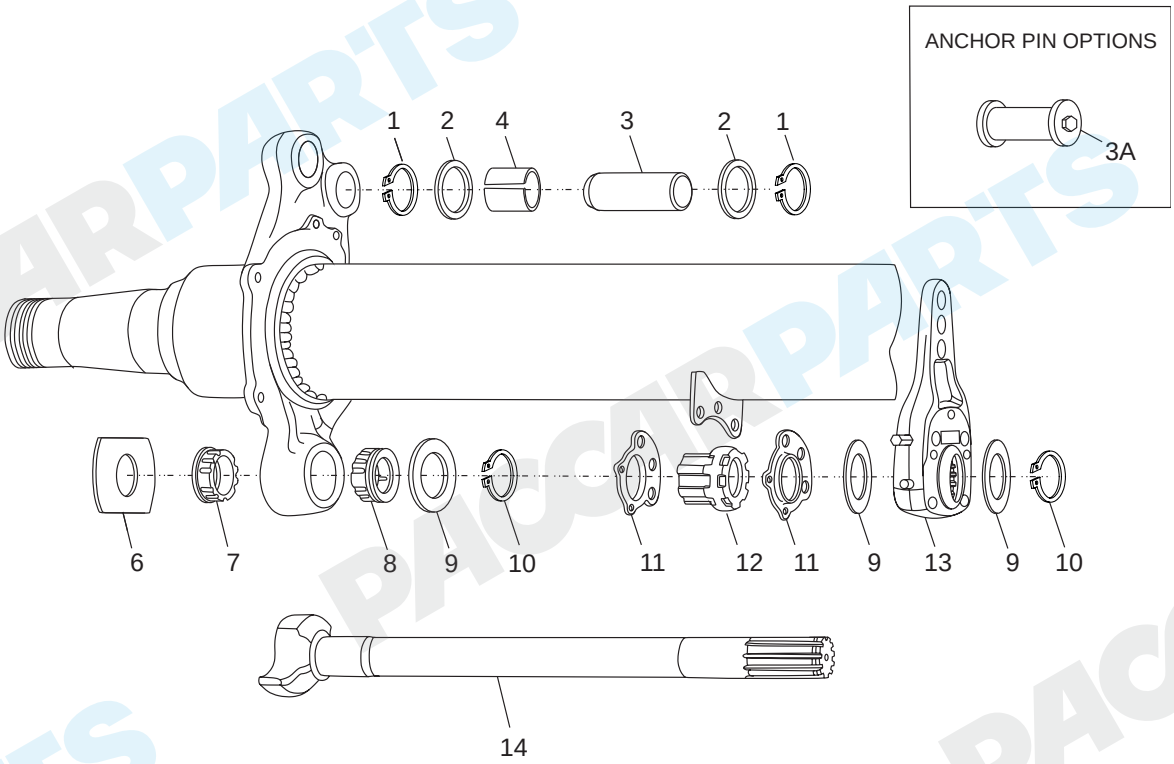
FREIGHTER MK-V 328
16-½" x 7" BRAKES

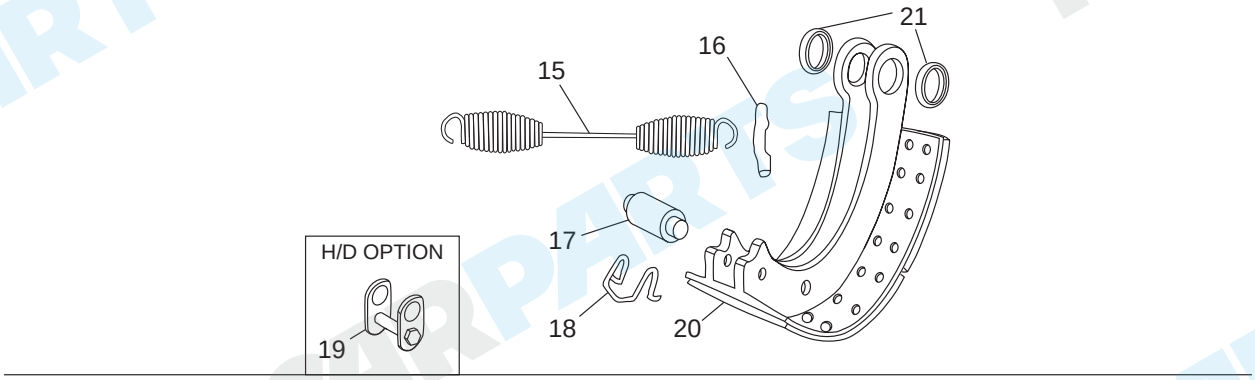
KIC SUDISA 10000 SERIES AXLE 330
HDTE / KRUEGER / RFS AXLES
16-½" x 7" BRAKES

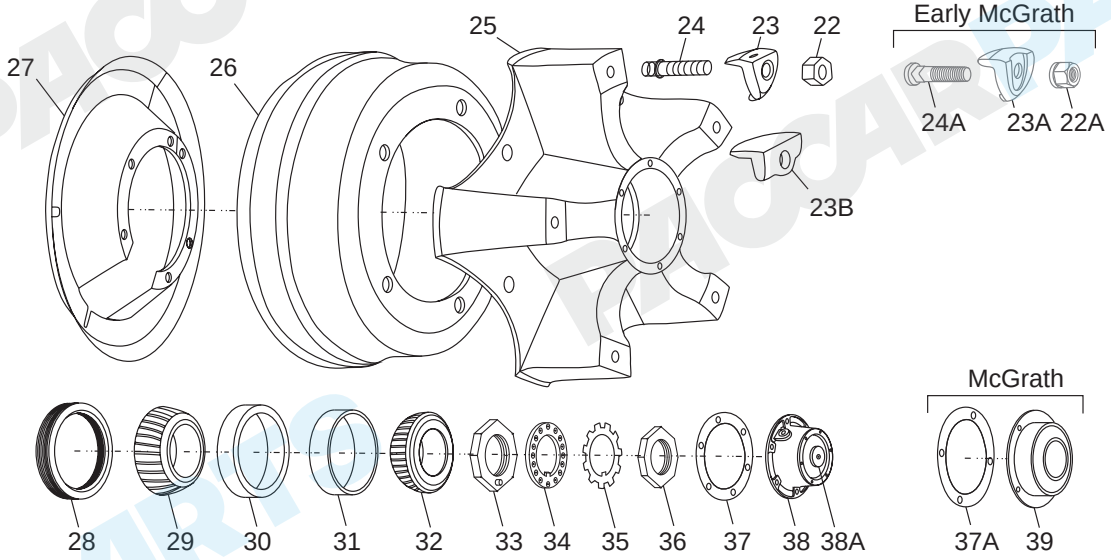
KIC SUDISA 11000 SERIES AXLE 334
HDTE / KRUEGER / RFS AXLES
16-½" x 7" BRAKES

FRUEHAUF PROPAR AXLE 338
16-½" x 7" BRAKES

GENERAL PURPOSE AXLES (EARLY)
HAULMARK/MCGRATH/ROCKWELL TL/RUBERY OWEN AXLE
16-½" x 7" BRAKES





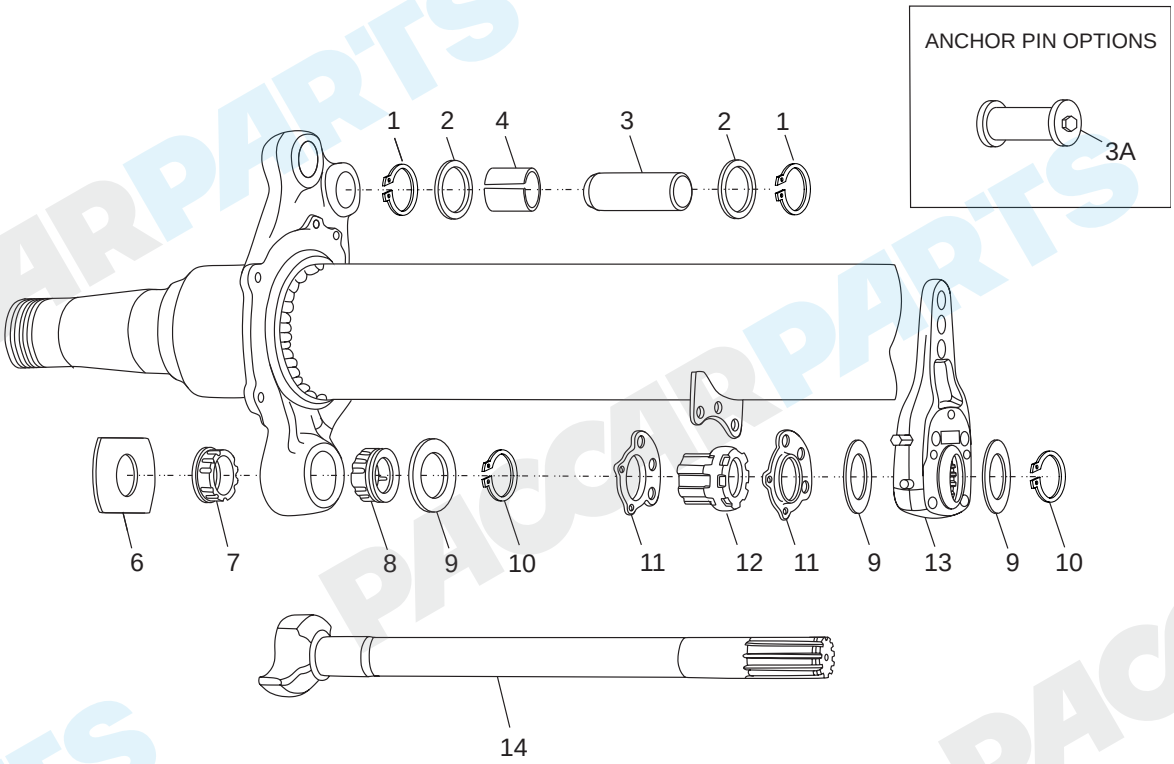


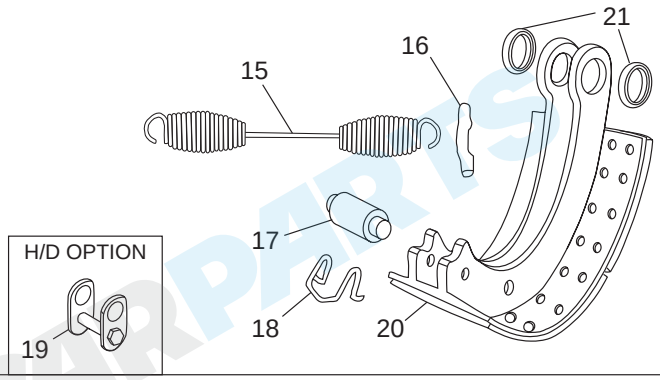
GENERAL PURPOSE AXLES (EARLY)
HAULMARK/MCGRATH/ROCKWELL TL/RUBERY OWEN AXLE 16-½" x 7" BRAKES

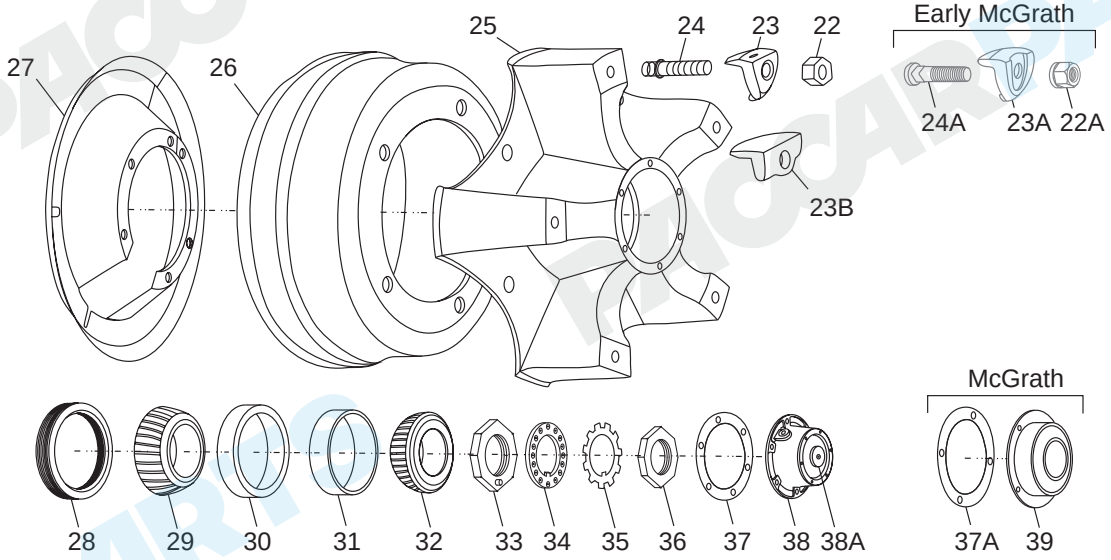
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	1229X1116	Circlip	To Suit 1-¼" Shaft	8
2	T02-3203	Washer	1-⅞" OD x 1-¼" ID x 1⁄16"	8
3	T02-3199	P-Brake Anchor Pin	Circlip (Extn typeT02-3198)	4
3A	T02-3200AU	P-Brake Anchor Pin	Bolt on (Extn typeT02-3304)	4
4	T02-3207	Anchor Pin Bush	Stainless Steel	4
	T02-3207B		Bronze Lined	4
6	T02-3101	'D' Washer		2
7	T02-2201/02	Bush S-Cam Spider	Outer White Nylon	2
8	T02-2201/02	Bush S-Cam Spider	Inner Yellow Nylon	2
9	T02-3102	Washer	2-¼" OD x 1-½" ID x 1⁄16"	6
10	1229Z1118	Circlip	To Suit 1-½" Shaft	4
11	T02-3002	Retainer Plate		4
12	T02-2101	Inner Cam Bush		2
13	R824000	Slack Adjuster	3 Hole, 10 Spline	2
14	T02-2003	LH 'S' Cam		1
	T02-2004	RH 'S' Cam		1
15	MB7016	Extra H/D Return Spring		2
	T02-3451	H/D Return Spring		2
16	T02-3452	Spring Retainer		4
17	T02-3403AU	Smooth Std Roller	For Knurled Add 'K' to Part No.	4
	T02-3404AU	Smooth ⅛" O/S Roller		4
	T02-3405AU	Smooth ¼" O/S Roller		4
18	T02-3401	Roller Retainer		4
19	T02-3415AU	H/D Roller Retainer		4
20	TRP214515P	Brake Shoe Kit		2
21	T02-3302AU	Support Washer	Used with extension anchor pins	8
22	T04-6002	Wheel Nut	G.P. & Late McGrath	10
22A	T04-6007AU	Wheel Nut	Early McGrath	10
23	T04-6051	Wheel Clamp	G.P.	10
23A	T04-6054		Early McGrath	10
23B	610		Late McGrath	10
24	T04-6001	Wheel Stud	G.P. & Late McGrath	10
24A	T04-6003	Wheel Stud	Early McGrath	10
25	TX745K	5 Spoke Hub	G.P. Uses 653T1M Inner Cup	2
	NA	6 Spoke Hub	McGrath Uses 653T1M Inner Cup	2
26	DB014TRP	Brake Drum	Suits G.P. Hub 9-7⁄16" Spigot	2
	M906105		Suits McGrath 9" Spigot	2
27	T02-5100	Dust Cover		2
28	T04-STM-0713G	Axle Seal (Grease)	Used with 663 Inner Cone	2
	T04-STM-0744G		Used with 665A Inner Cone	2
29	SET405T1M	Inner Cone I/D 3-¼"	Contains 663T1M and 653T1M	2
	665AT1M	Inner Cone I/D 3-⅜"	Uses 653T1M cup	2
30	SET405T1M	Inner Cup	Contains 663T1M and 653T1M	2

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

GENERAL PURPOSE AXLES (EARLY) CONTINUED
HAULMARK/MCGRATH/ROCKWELL TL/RUBERY OWEN AXLE
16-½" x 7" BRAKES







GENERAL PURPOSE AXLES (EARLY) CONTINUED
HAULMARK/MCGRATH/ROCKWELL TL/RUBERY OWEN AXLE 16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
31	HM212011T1M	Outer Cup		2
32	HM212049T1M	Outer Cone		2
33	T04-4008	Inner Nut	Also Available as Kit PN T04-4011AU	2
34	T04-4007	Lock Washer		2
35	T04-8680	Lock Tab Washer		2
36	T04-4006	Outer Lock Nut		2
37	T04-4042	Gasket	Multi Drilled, 5 & 6 Hole	2
37A	NA	Gasket	4 Hole To Suit Mcgrath Cap	2
38	HA4009	6 Hole Hub Cap	Oil Hub (T04-4029ST 5 Hole) Stemco PN : 343-4009	2
	T04-4031CR	6 Hole CR Hub Cap	Oil Hub (T04-4029CR 5 Hole)	2
	98846-046P	6 Hole Hub Cap	Grease Hub	2
38A	450434	Plug	CR Cap	2
	359-5990		Stemco Cap	2
39	T04-4032	4 Hole Hub Cap	Suits Mcgrath Axle	2

KIT PART NUMBER LISTING				
Brake Hardware Kits	T02-2401	H/D Brake Kit P-Brake With Circlip Anchor Pins	Includes H/D Return Springs Services 1 Wheel	2
	T02-2412-AU	H/D Brake Kit P-Brake With Std Bolt-On Anchor Pins		2
	T02-2413-AU	H/D Brake Kit P-Brake With Extn Bolt-On Anchor Pins		2
S-Cam Repair Kits	T02-2302	'S' Cam Bush Kit	Services 1 Axle	1
	T02-3108-AU	'S' Cam Washer & Clip Kit	Services 1 'S' Cam	2
Axle Nut Kit	T04-4011AU	Axle Nut Kit (contains Item 40-43)	Services 1 Wheel	2

DANA SPICER AXLE IDENTIFICATION

AXLE TYPE	
STANDARD AXLE BEAM	
B	D22 GP Bearing Combination HM218248/HM212049
C	P22 Propar Bearing Combination HM518445 Inner & Outer
E	D22 Drop Centre GP Bearing Combination HM218248/HM212049
FITTED WITH NEWAY SUSPENSION BRACKETS	
G	D22 Bearing Combination as Above
H	P22 Bearing Combination as Above
J	D22 Drop Centre GP Bearing Combination as Above

AXLE TRACK	
71	71.5" Track
73	73" Track
79	79" Track (Super Single)

LINING MATERIAL & SPIDER TYPE		
J	CM18 Linings Weld On Spider	to Suit Dual Spoke & Disc Wheels
T		Cast Super Single Only

CAMSHAFTS	
S	Standard
L	Long (Airbag Susp)
E	Enclosed (Std)
R	Enclosed (Long)

HUBS & DRUMS	
02	5 Spoke Webb
03	5 Spoke Malco
04	10 Stud 285 Steel Webb
05	10 Stud 285 Alloy Conmet
08	3 Spoke Webb
10	6 Spoke Malco (Super Single)

Many other options exist, refer back to PACCAR PARTS for further info

B 6 N 71 · B J N · S P · F 02

AXLE WALL THICKNESS	
5	0.460"
6	0.625"
7	0.750"
8	0.580"

'S' CAM POSITION & CAMBER ANGLE	
N	Straight (No Cmaber)

Many variations exist if n is replaced with a number refer back to PACCAR PARTS for futrther info

BRAKE SIZE	
A	12-¼" x 7-½" 'P' Brake
B	16-½" x 7" 'P' Brake
P	15" x 8-⅝" 'P' Brake
G	16-½" x 7" Fast Change 'Q' Brake
O	No Brakes

ABS	
N	No
Y	Yes
L	Yes (Less Sensor/ Bush)

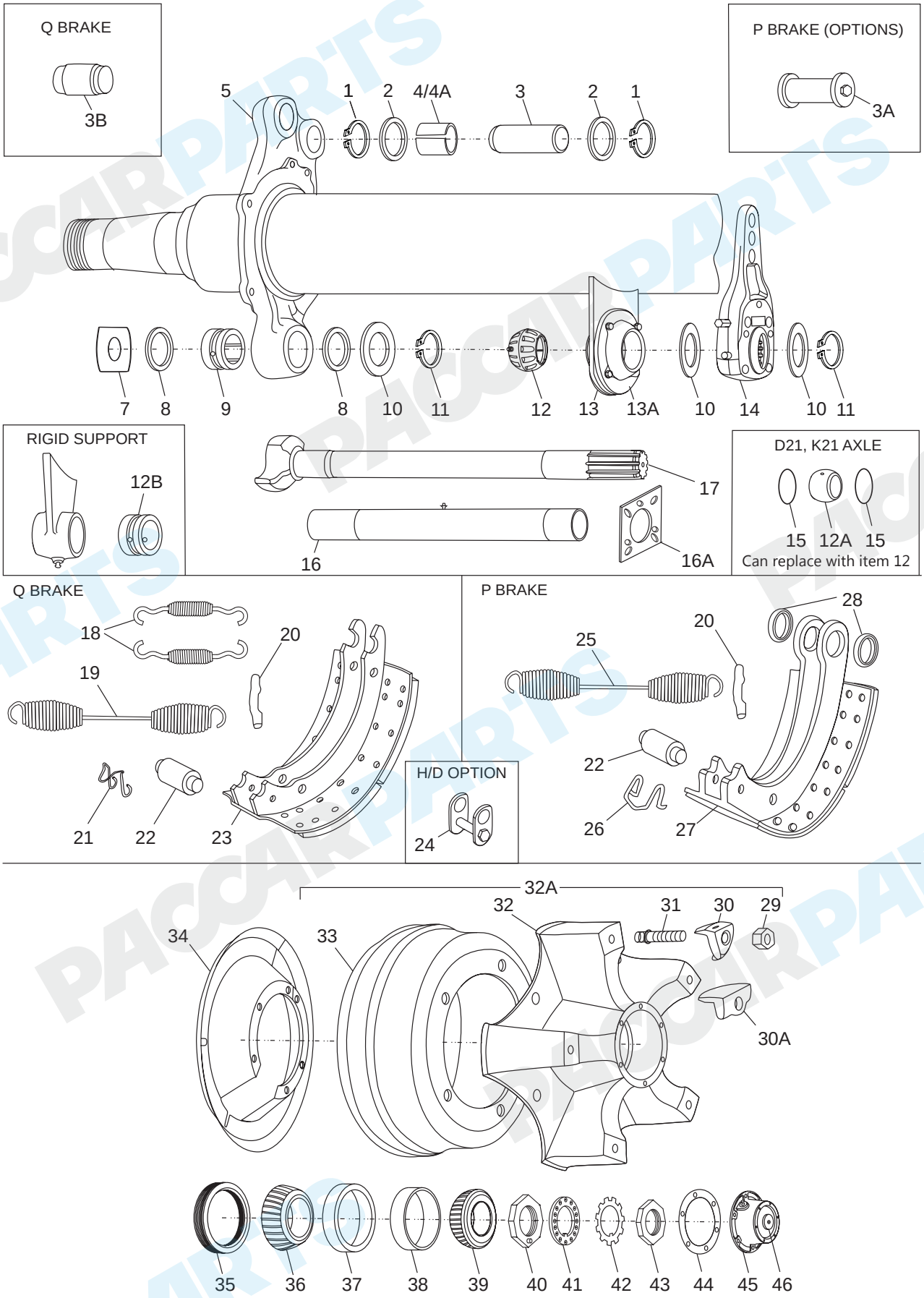
SLACK ADJUSTER	
M	Manual
O	Not Fitted
P	Auto (Brunner)
Q	Auto (Gunite)
R	Auto (Haldex)

HUB CAP TYPE	
GREASE TYPE	
C	F.T.E.
D	Krueger
F	Spicer
G	Plain
K	Spicer (with Hubo)
H	F.T.E. (with Hubo)
OIL TYPE	
L	Plain
N	Plain (with Hubo)
O	No Cap



NOTES

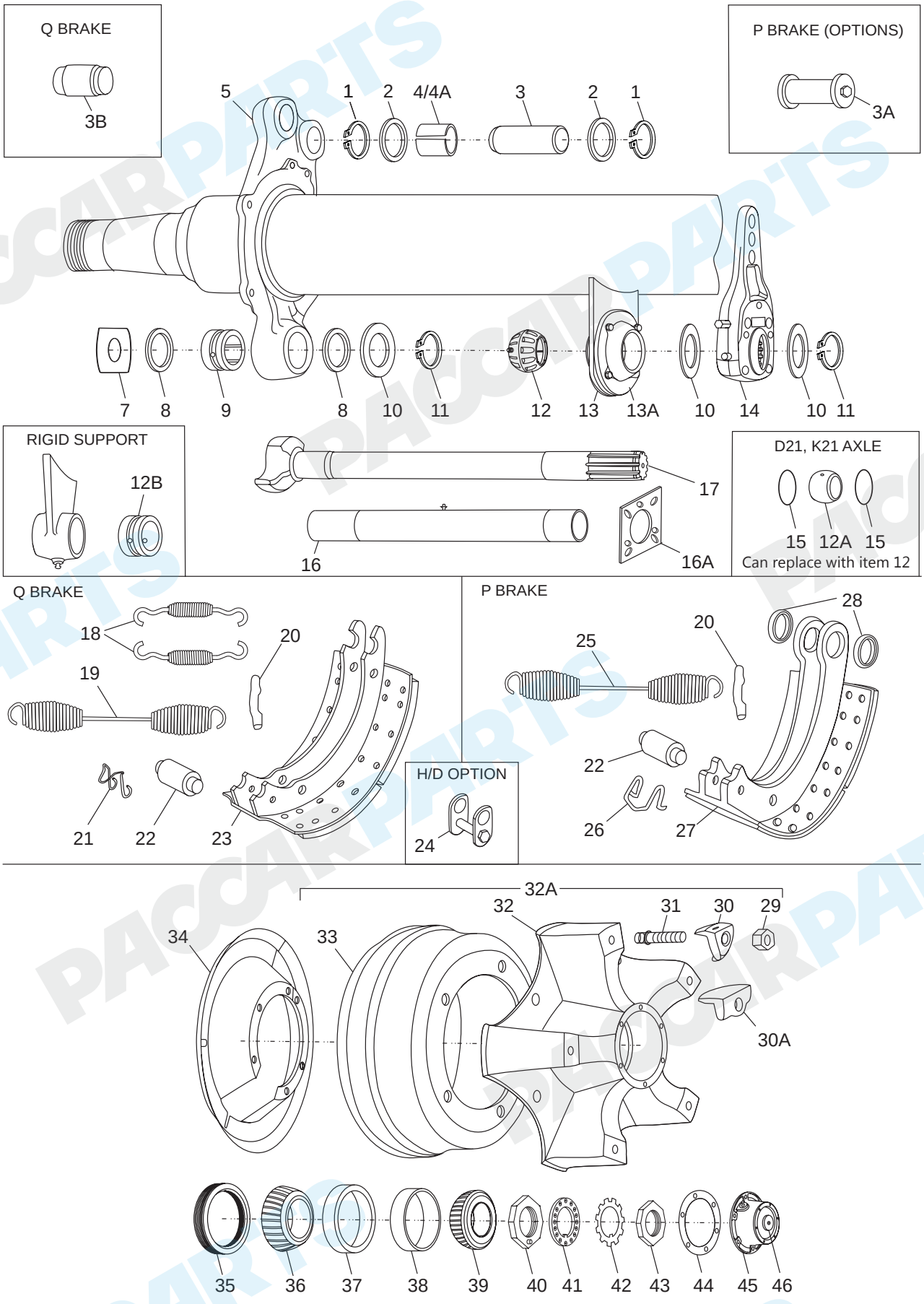
DANA SPICER - D21, D22, K21 & K22
16-½" x 7" BRAKES



DANA SPICER - D21, D22, K21 & K22
16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	1229X1116	Circlip	To Suit 1-¼" Shaft	8
2	T02-3203	Washer	1-⅞" OD x 1-¼" ID x 1/16"	8
3	T02-3199	P-Brake Anchor Pin	Circlip (Extension type T02-3198)	4
3A	T02-3200AU	P-Brake Anchor Pin	Bolt On (Extension type T02-3304)	4
3B	T02-3237AU	Q-Brake Anchor Pin		4
4	T02-3207	Anchor Pin Bush	Stainless Steel	4
4A	T02-3207B	Anchor Pin Bush	Bronze Lined	4
5	T02-1999	Brake Spider Flange	To suit T02-2000 - 5-⅛" I.D.	2
	T02-2000	Brake Spider	Bolt on - 5-⅝" I.D.	2
7	T02-3101	'D' Washer		2
8	T02-3122	Seal		4
9	T02-2104	Outer Cam Bush	Nylon	2
	E-807		Bronze	2
	T02-2104S		Steel	2
10	T02-3102	Washer	2-¼" OD x 1-½" ID x 1/16"	6
11	1229Z1118	Circlip	To Suit 1-½" Shaft	4
12	T02-2107	Inner Cam Bush	Can Use In Place Of 12A & 15	2
12A	T02-2218		D21, K21 Axle	2
12B	T02-2108		Old Style With Rigid Bracket	2
13	T02-3009	Bracket & Bush assy	Includes Item 12 & 15	2
13A	T02-3398	Bush Retainer Plate		2
14	R824000	Slack Adjuster	3 Hole, 10 Spline	2
15	T02-3007	O-Ring		4
16	T02-2081	Cam Enclosure Tube - 442mm Long	Cam Tube Ends are Machined	2
	T02-2084	Cam Enclosure Tube - 525mm Long		2
16A	E-4739	Cam Enclosure Plate		2
17	T02-2003	LH 'S' Cam	10 spline, Q-Plus Head	1
	T02-2004	RH 'S' Cam		1
	T02-2061	LH 'S' Cam Long	Use with Airbag Suspension	1
	T02-2062	RH 'S' Cam Long		1
18	T02-3449	Return Spring	2 per wheel Q-Brake	4
19	T02-3480	H/D Return Spring	1 per wheel Q-Brake	2
20	T02-3452	Spring Retainer		4
21	3105B210	Roller Retainer	Q-Brake	4
22	T02-3403AU	Smooth Standard Roller	For Knurled Add 'K' to Part No.	4
	T02-3404AU	Smooth ⅛" O/S Roller		4
	T02-3405AU	Smooth ¼" O/S Roller		4
23	TRP214515Q	Brake Shoe kit		2
24	T02-3415AU	H/D Roller Retainer		4
25	MB7016	Extra H/D Return Spring	P-Brake	2
	T02-3451	H/D Return Spring		2
26	T02-3401	Roller Retainer		4
27	TRP214515P	Brake Shoe kit	P-Brake Lining No. 4515H	2
28	T02-3302AU	Support Washer	Used with Extension Anchor Pins	8

DANA SPICER - D21, D22, K21 & K22 CONTINUED
16-½" x 7" BRAKES

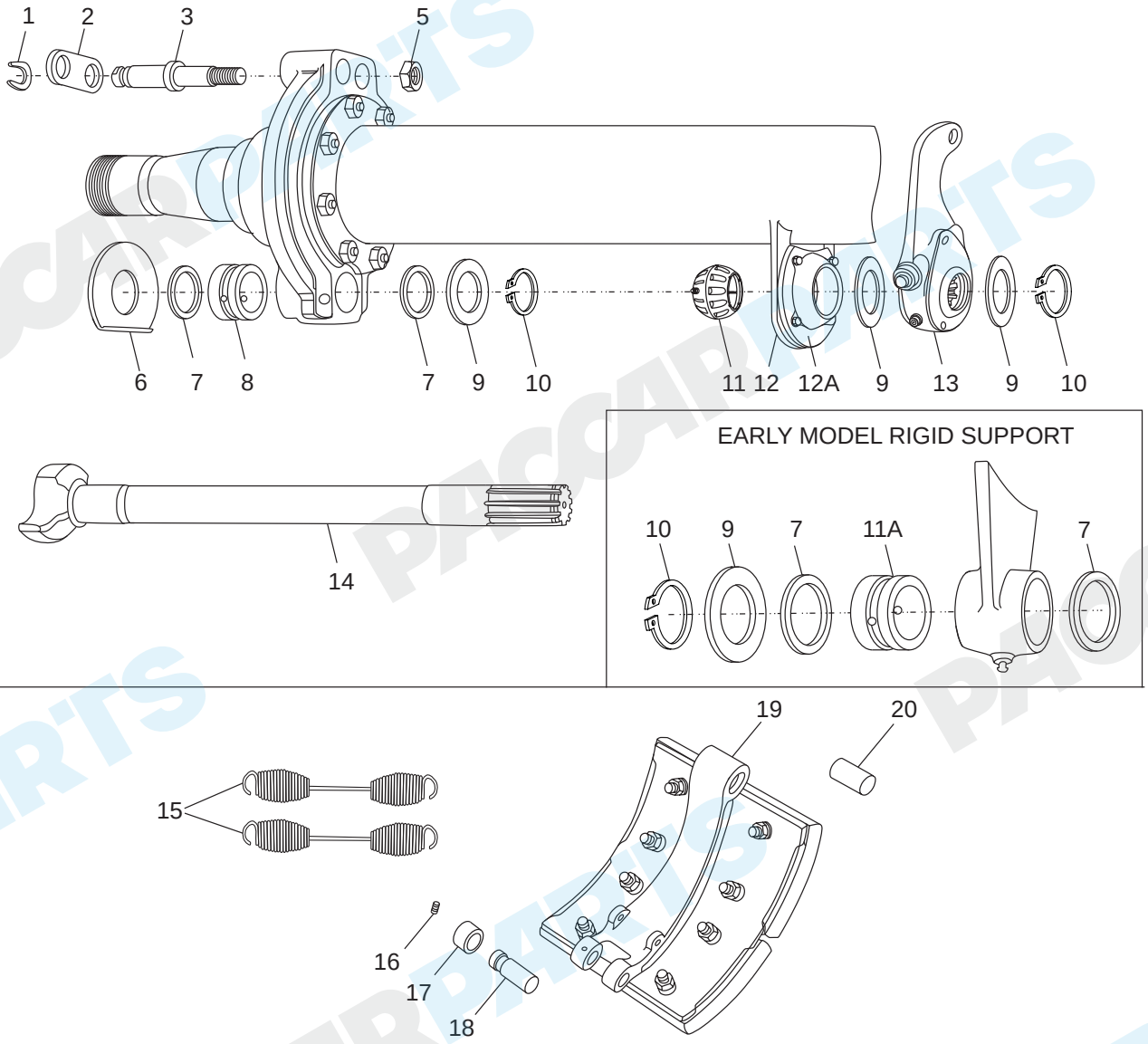


DANA SPICER - D21, D22, K21 & K22 CONTINUED
16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
29	T04-6002	Wheel Nut		10
30	T04-6051	Wheel Clamp	G.P. Type	10
30A	KH800146	Wheel Clamp	Malco Type	10
31	T04-6001	Wheel Stud		10
32	KH3601/GF	5 Spoke Hub	(G.P. Type) D22, K22 Axle	2
	NA		(Malco Type) D22, K22 Axle	2
			(G.P. Type) D21, K21 Axle	2
32A	KH3600/GF	5 Spoke Hub & Drum	(G.P. Type) D22, K22 Axle	2
	NA		(Malco Type) D22, K22 Axle	2
33	DB014TRP	Brake Drum		2
34	T02-5100	Dust Cover		2
35	T04-STM-0713G	Axle Seal (Grease)	D21, K21 Axle	2
	T04-STM-0743G		D22, K22 Axle	2
36	SET405T1M	Inner Cone	D21, K21 Axle	2
	HM218248T1M		D22, K22 Axle	2
37	SET405T1M	Inner Cup	D21, K21 Axle	2
	HM218210T1M		D22, K22 Axle	2
38	HM212011T1M	Outer Cup	D21, D22 & K21, K22 Axle	2
39	HM212049T1M	Outer Cone	D21, D22 & K21, K22 Axle	2
40	T04-4008	Inner Nut	Also Available as Kit PN T04-4011AU	2
41	T04-4007	Lock Washer		2
42	T04-8680	Lock Tab Washer		2
43	T04-4006	Outer Lock Nut		2
44	T04-4042	Gasket	Multi drilled, 5 & 6 hole	2
45	HA4009	6 Hole Hub Cap	Oil Hub (T04-4029ST 5 Hole) Stemco PN : 343-4009	2
	T04-4031CR	6 Hole CR Hub Cap	Oil Hub (T04-4029CR 5 Hole)	2
	98846-046P	6 Hole Hub Cap	Grease Hub	2
46	450434	Plug	CR Cap	2
	359-5990		Stemco Cap	2

KIT PART NUMBER LISTING				
Brake Hard-ware Kits	T02-2401	H/D Brake Kit P-Brake With Circlip Anchor Pins	Includes H/D Return Springs Services 1 Wheel	2
	T02-2411	H/D Brake Kit Q-Brake		2
	T02-2412-AU	H/D Brake Kit P-Brake With Std Bolt-On Anchor Pins		2
	T02-2413-AU	H/D Brake Kit P-Brake With Extn Bolt-On Anchor Pins		2
S-Cam Repair Kits	T02-2316	'S' Cam Bush Kit, D22 & K22 Axle	Services 1 Axle	1
	T02-2319	'S' Cam Bush Kit, D21 & K21 Axle (Early Style Bush)		1
	T02-3108-AU	'S' Cam Washer & Clip Kit	Services 1 'S' Cam	2
Axle Nut Kit	T04-4011AU	Axle Nut Kit (contains Item 40-43)	Services 1 Wheel	2

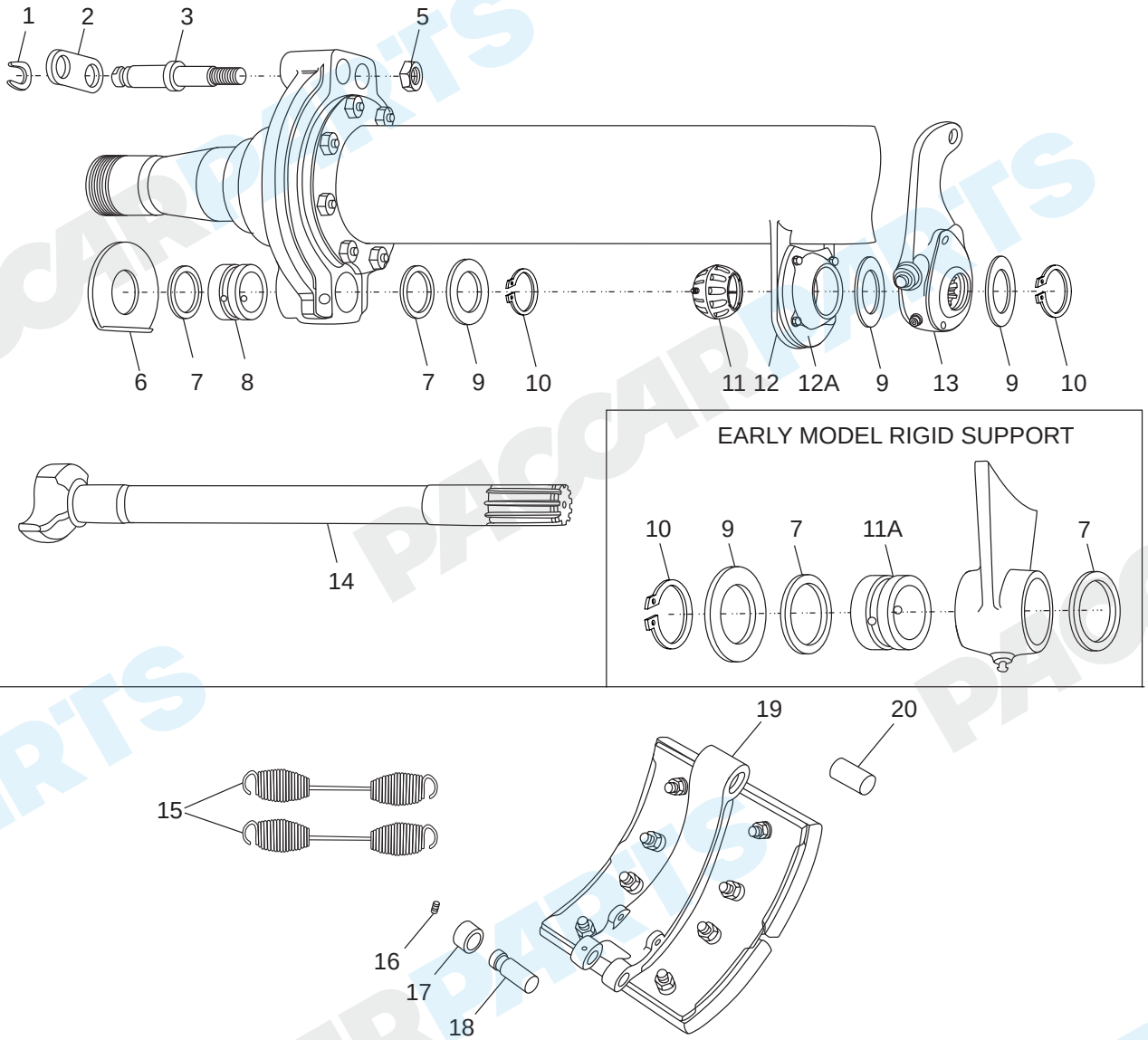
DANA SPICER - EARLY/STANDARD FORGE
12-¼" x 7-½" BRAKES (CAST SHOES)



DANA SPICER - EARLY/STANDARD FORGE
12-¼" x 7-½" BRAKES (CAST SHOES)

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	NSS	'C' Clip	Contained in Kit T02-2403	2
2		Plate		
3		Anchor Pin		
5		Lock Nut - ¾" x 16 THD		
6	T02-3097	Washer		2
7	T02-3122	Seal		4
8	T02-2104	Outer Cam Bush	Nylon	2
	T02-2104S		Steel	2
	E-807		Bronze	2
9	T02-3102	Washer	2-¼" OD x 1-½" ID x 1/16"	6
10	1229Z1118	Circlip	To Suit 1-½" Shaft	4
11	T02-2107	Inner Cam Bush		2
11A	T02-3149	Inner Cam Bush	To Suit Rigid Support	2
12	T02-3008	Bracket & Bush Assy	Include item 11 & T02-3007	2
12A	T02-3398	Bush Retainer Plate		2
13	T02-5025	Slack Adjuster	1 Hole Curved, 10 Spline	2
	R824000		3 Hole, 10 Spline	2
14	T02-2022	LH 'S' Cam		1
	T02-2023	RH 'S' Cam		1
15	T02-3455	Return Spring		4
16	T02-3170	Grub Screw		4
17	T02-3408K	Knurled Roller	Contained in Kit T02-2403	4
	T02-3416	Smooth Roller (⅛" O/S)	For Knurled Add 'K' to Part No.	4
	T02-3417	Smooth Roller (¼" O/S)		4
18	NSS	Pin Roller	Contained in Kit T02-2403	4
19	NA	Brake Shoe Kit	Service 1 Wheel	2
20	NSS	Bush	Contained in Kit T02-2403	4
21	T04-6002	Wheel Nut		10
22	T04-6051	Wheel Clamp		10
23	T04-6001	Wheel Stud		10
24	KH001-7000-TN	3 Spoke Hub	Use Drum PN KH52743-11	2
	NA	6 Spoke Hub		2
24A		6 Spoke Hub & Drum		2
25		Brake Drum	7-¼" Spigot / 8-¾" PCD	2
			7" Spigot / 8-¼" PCD	2
	KH52743-11		8-½" Spigot / 10" PCD	2
26	T04-STM-0713G	Axle Seal (Grease)		2
27	SET405T1M	Inner Cone	Induvidual Cup & Cone not available	2
28	SET405T1M	Inner Cup	Induvidual Cup & Cone not available	
29	HM212011T1M	Outer Cup		2
30	HM212049T1M	Outer Cone		2

DANA SPICER - EARLY/STANDARD FORGE CONTINUED
12-¼" x 7-½" BRAKES (CAST SHOES)

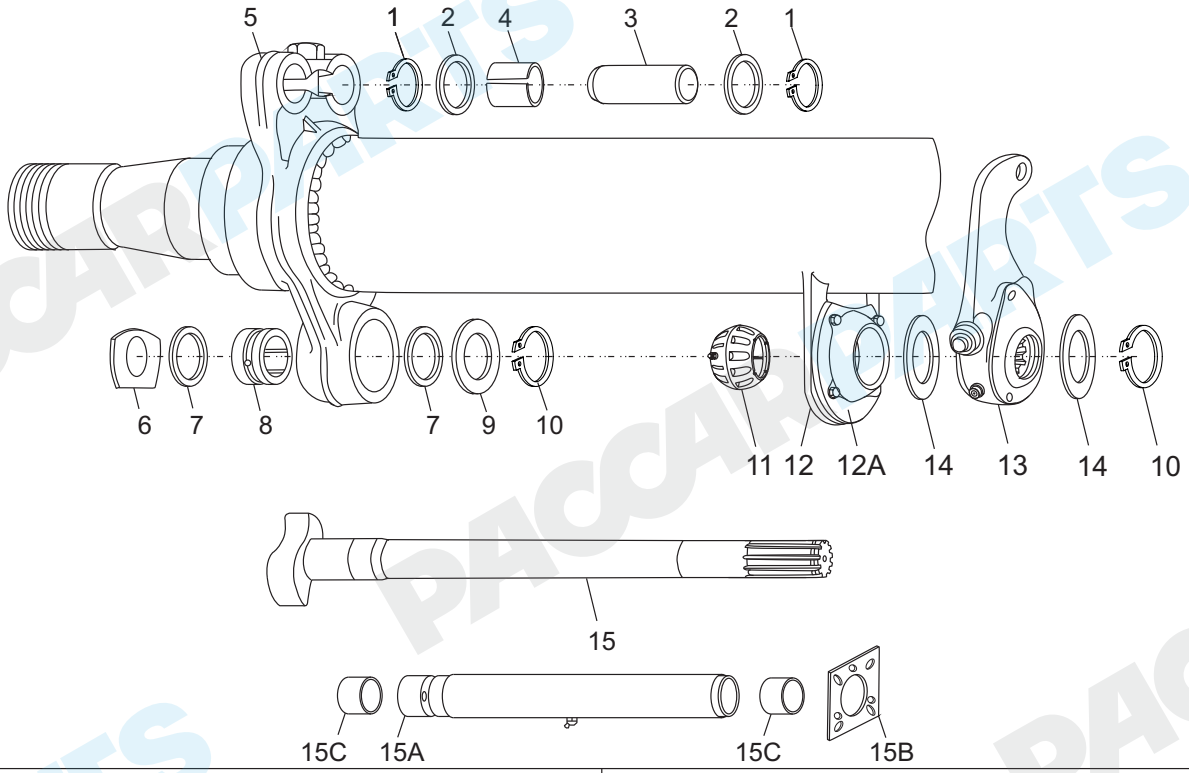


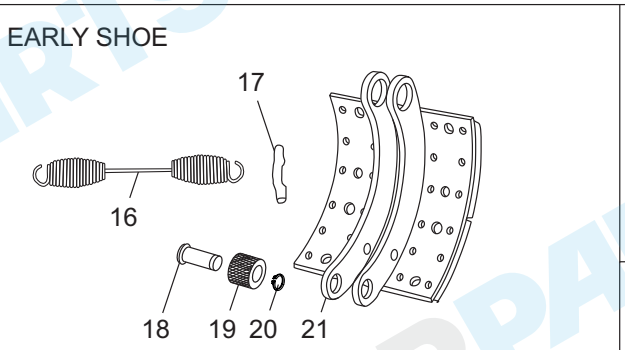
DANA SPICER - EARLY/STANDARD FORGE CONTINUED
12-¼" x 7-½" BRAKES (CAST SHOES)

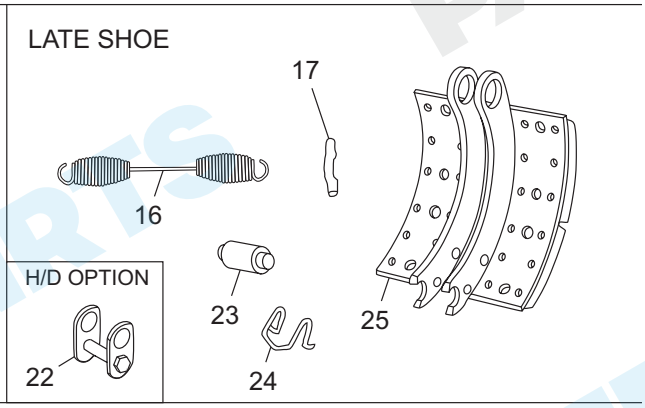
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
31	T04-4008	Inner Nut	Also Available as Kit PN T04-4011AU	2
32	T04-4007	Lock Washer		2
33	T04-8680	Lock Tab Washer		2
34	T04-4006	Outer Lock Nut		2
35	T04-4042	Gasket	Multi Drilled, 5 & 6 Hole	2
36	HA4009	6 Hole Hub Cap	Oil Hub (T04-4029ST 5 Hole) Stemco PN : 343-4009	2
	T04-4031CR	6 Hole CR Hub Cap	Oil Hub (T04-4029CR 5 Hole)	2
	98846-046P	6 Hole Hub Cap	Grease Hub	2
37	450434	Plug	CR Cap	2
	359-5990		Stemco Cap	2

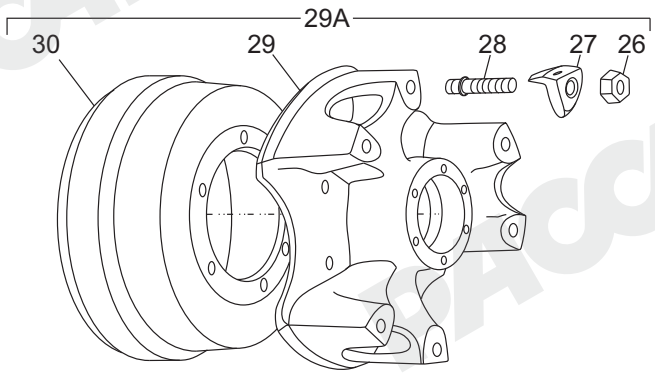
KIT PART NUMBER LISTING				
Brake Hard-ware Kit	T02-2403	H/D Brake Kit	Includes H/D Return Springs Services 1 Wheel	2
S-Cam Repair Kits	T02-2319	Washer & Clip Kit	Services 1 'S' Cam	2
Axle Nut Kit	T04-4011AU	Axle Nut Kit (contains Item 40-43)	Services 1 Wheel	2

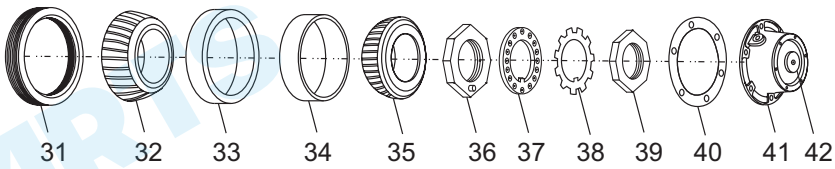
DANA SPICER - LATE/STANDARD FORGE
12-¼" x 7-½" BRAKES (FABRICATED SHOES)









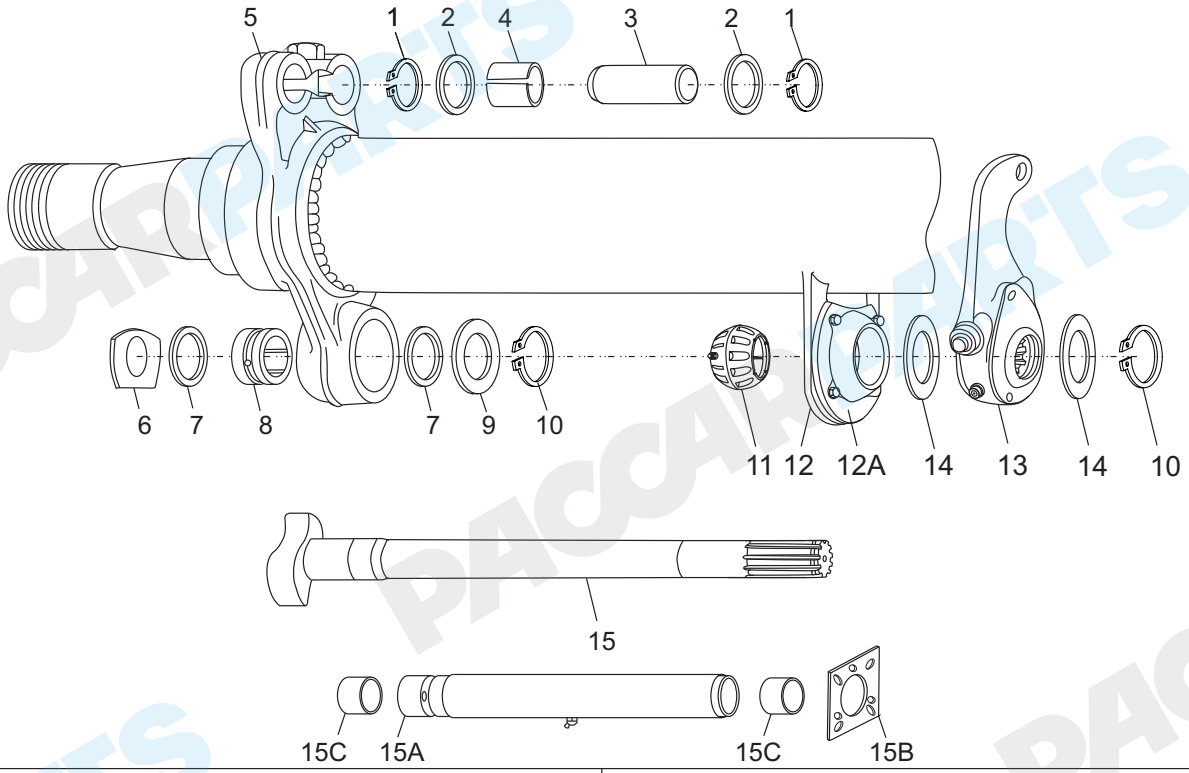


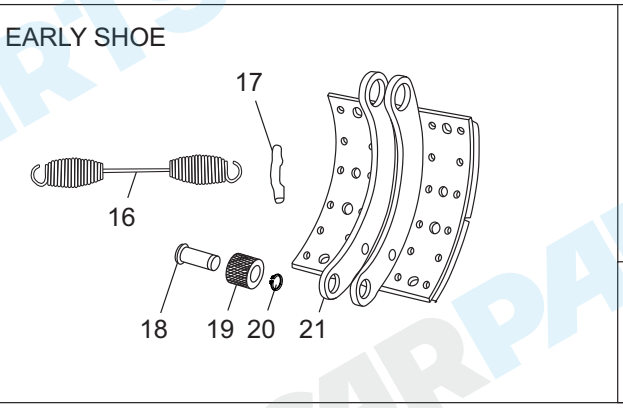
DANA SPICER - LATE/STANDARD FORGE
12-¼" x 7-½" BRAKES (FABRICATED SHOES)

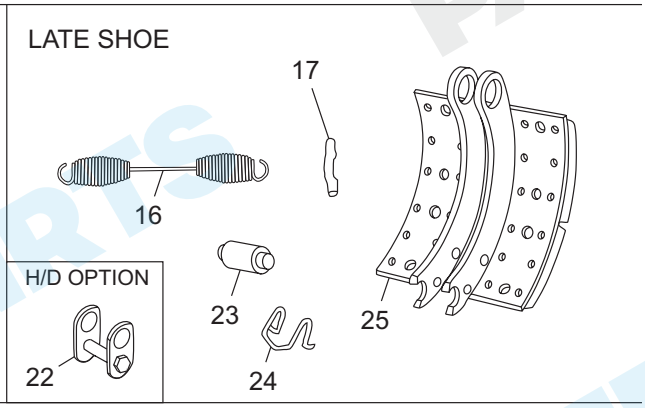
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	T02-3187	Circlip	To suit 1" shaft	2
2	T02-3186	Washer	1-½" OD x 1" ID x 1/16"	2
3	T02-3185	P-Brake Anchor Pin	Circlip	4
4	T02-3184	Anchor Pin Bush		4
5	T02-1998	Brake Spider		2
6	T02-3099	'D' Washer		2
7	T02-3122	Seal		4
8	E-807	Outer Cam Bush	Bronze	2
	T02-2104		Nylon	2
	T02-2104S		Steel	2
9	T02-3123	Washer	2-¼" OD x 1-½" ID x ⅛"	2
10	1229Z1118	Circlip	To suit 1-½" shaft	4
11	T02-2107	Inner Cam Bush		2
12	T02-3008	Bracket & Bush assy	Include item 11 & T02-3007	2
12A	T02-3398	Bush Retainer Plate		2
13	T02-5025	Slack Adjuster	1 Hole curved, 10 Spline	2
	R824000		3 Hole, 10 Spline	2
14	T02-3102	Washer	2-¼" OD x 1-½" ID x 1/16"	4
15	T02-2022	LH 'S' Cam		1
	T02-2023	RH 'S' Cam		1
15A	T02-2081	Cam Enclosure		2
15B	E-4739	Cam Enclosure Plate		2
15C	BP2055B	Cam Enclosure Bush	Used with OE Tubes	4
	T02-2034		Used with T02-2081	4
16	T02-3462	Return Spring		4
17	T02-3452	Spring Retainer		4
18	T02-3425	Pin Roller		4
19	T02-3424K	Roller		4
	T02-3424K-0S	Roller (⅛" o/s)		4
20	T02-3422	Circlip	To suit ¾" shaft	4
21	NA	Brake Shoe kit		2
22	T02-3415AU	H/D Roller Retainer		4
23	T02-3403AU	Smooth Std Roller	For Knurled Add 'K' to Part No. e.g: T02-3403KAU	4
	T02-3404AU	Smooth ⅛" O/S Roller		4
	T02-3405AU	Smooth ¼" O/S Roller		4
24	T02-3401	Roller Retainer		4
25	KSMA2124692FC2	Brake Shoe kit		2
26	T04-6002	Wheel Nut		10
27	T04-6051	Wheel Clamp		10
28	T04-6001	Wheel Stud		10
29	KH001-7000-TN	3 Spoke Hub	F22H (Late)	2
	NA	6 Spoke Hub		2
			A19H (Early)	2
29A	KH001-70003	3 Spoke Hub & Drum LATE GP	F22H (Late)	2
	NA	6 Spoke Hub & Drum LATE GP		2
		6 Spoke Hub & Drum	A19H (Early)	2

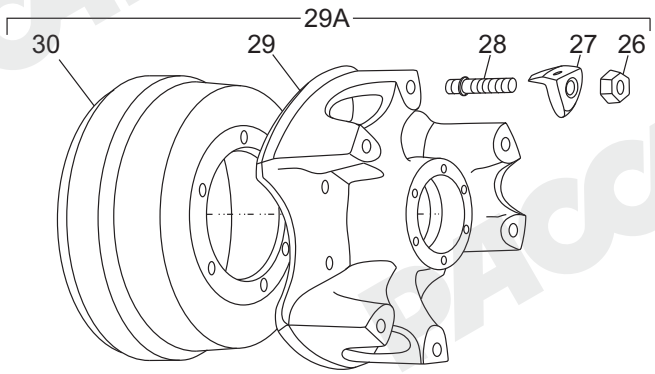
NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

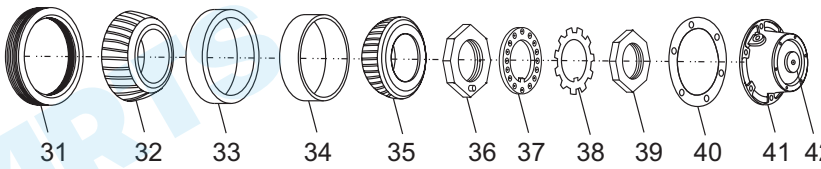
DANA SPICER - LATE/STANDARD FORGE CONTINUED
12-¼" x 7-½" BRAKES (FABRICATED SHOES)









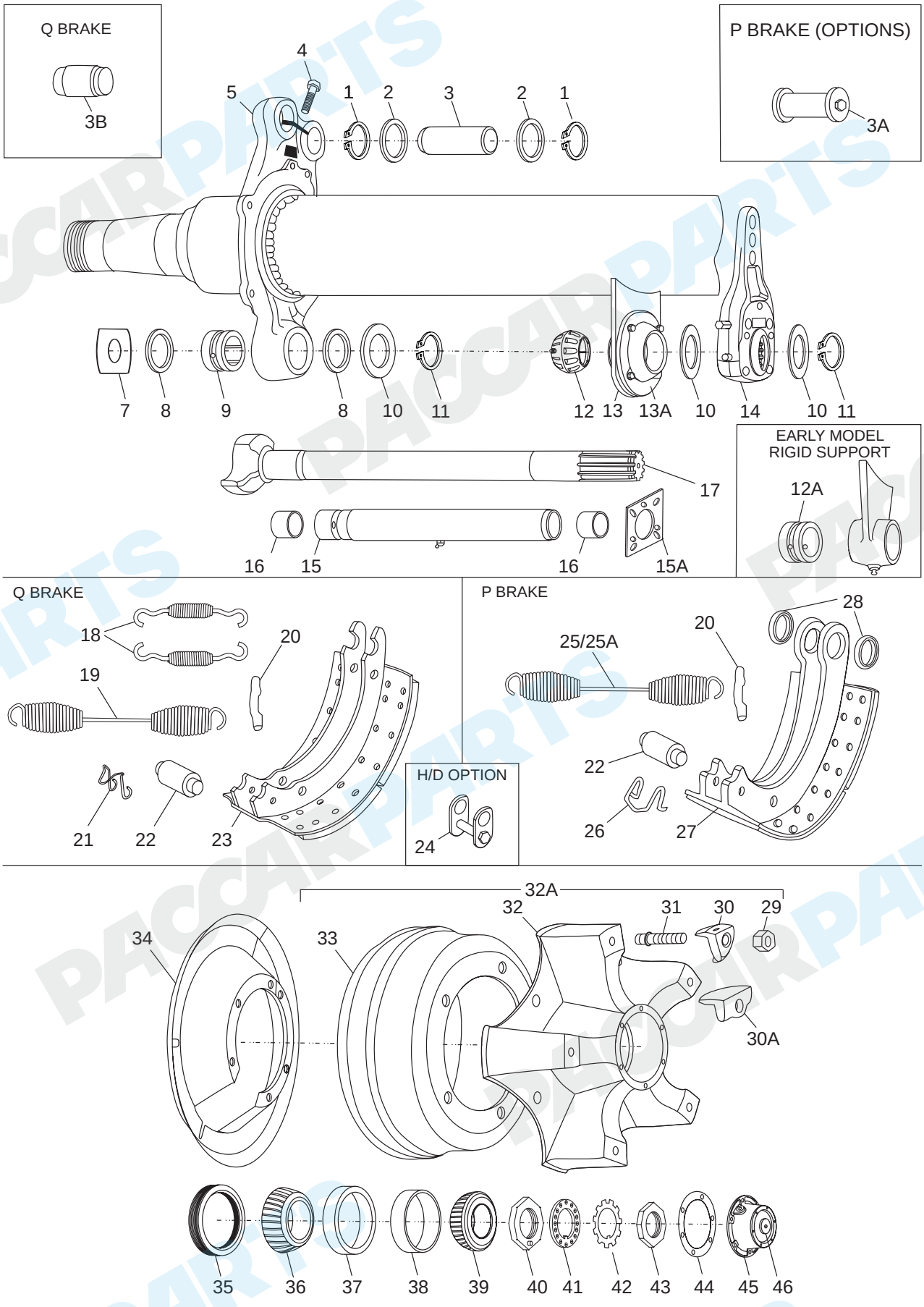


DANA SPICER - LATE/STANDARD FORGE CONTINUED
12-¼" x 7-½" BRAKES (FABRICATED SHOES)

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
30	NA	Brake Drum	7-¼" Spigot / 8-¾" PCD	2
			7" Spigot / 8-¼" PCD	2
	KH52743-11		8-½" Spigot / 10" PCD	2
31	T04-STM-0713G	Axle Seal (Grease)	A19H Axle	2
	T04-STM-0743G		F22H, Dana, S/Forge Axle	2
32	SET405T1M	Inner Cone	A19H Axle	2
	HM218248T1M		F22H, Dana, S/Forge Axle	2
33	SET405T1M	Inner Cup	A19H Axle	2
	HM218210T1M		F22H, Dana, S/Forge Axle	2
34	HM212011T1M	Outer Cup	A19H, F22H, Dana, S/Forge Axle	2
35	HM212049T1M	Outer Cone	A19H, F22H, Dana, S/Forge Axle	2
36	T04-4008	Inner Nut	Also Available As Kit PN T04-4011AU	2
37	T04-4007	Lock Washer		2
38	T04-8680	Lock Tab Washer		2
39	T04-4006	Outer Lock Nut		2
40	T04-4042	Gasket	Multi drilled, 5 & 6 hole	2
41	HA4009	6 Hole Hub Cap	Oil Hub (T04-4029SR 5 Hole) Stemco PN : 343-4009	2
	T04-4031CR	6 Hole CR Hub Cap	Oil Hub (T04-4029CR 5 Hole)	2
	98846-046P	6 Hole Hub Cap	Grease Hub	2
42	450434	Plug	CR Cap	2
	359-5990		Stemco Cap	2

KIT PART NUMBER LISTING				
KIT	T02-2317	'S' Cam Bush Kit	Services 1 Axle	1
	T02-2406	H/D Brake Kit, Early Type Brake Shoe	Includes H/D Return Springs Services 1 Wheel	2
	T02-2415	H/D Brake Kit, Late Type Brake Shoe		2
Axle Nut Kit	T04-4011AU	Axle Nut Kit (contains Item 40-43)	Services 1 Wheel	2

FREIGHTER INGERSOLL(IMT) - A22H/F22H AXLE
16-½" x 7" BRAKES

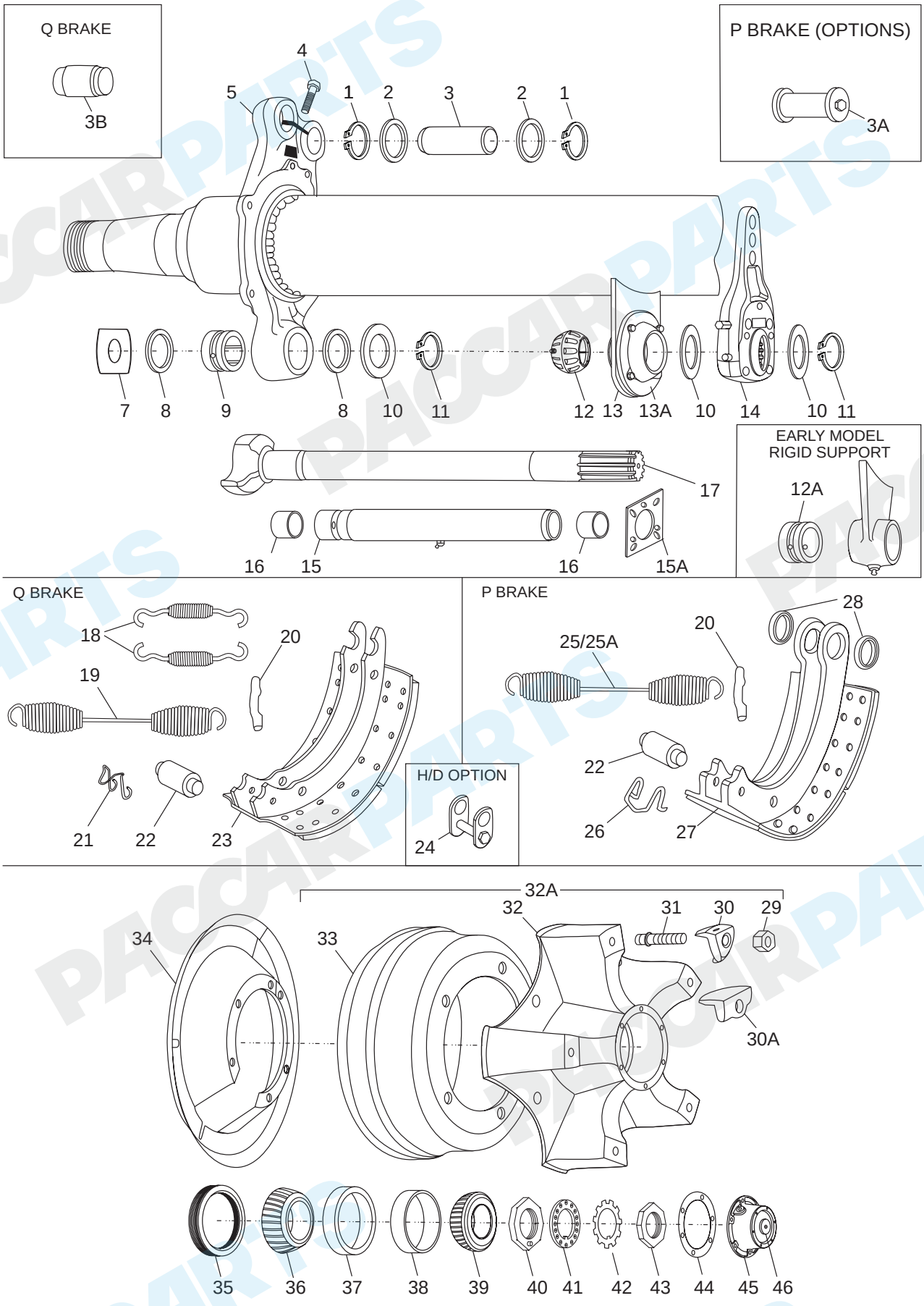


FREIGHTER INGERSOLL(IMT) - A22H/F22H AXLE
16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	1229X1116	Circlip	To Suit 1-¼" Shaft	8
2	T02-3203	Washer	1-⅞" OD X 1-¼" ID X 1⁄16"	8
3	T02-3199	P-Brake Anchor Pin	Extended Pin Circlip Type PN T02-3198	4
3A	T02-3200AU	P-Brake Anchor Pin	Extended Pin Bolt On PN T02-3304AU	4
3B	T02-3237AU	Q-Brake Anchor Pin		4
4	NA	Bolt	2-½"x ½" UNF Bolt	2
5	T02-1999	Brake Spider Flange	To Suit T02-2000 - 5-⅛" I.D.	2
	T02-2000	Brake Spider	Bolt On - 5-⅝" I.D.	2
7	T02-3101	'D' Washer		2
8	T02-3122	Seal		4
9	T02-2104	Outer Cam Bush	Nylon	2
	E-807		Bronze	2
	T02-2104S		Steel	2
10	T02-3102	Washer	2-¼" OD x 1-½" ID x 1⁄16"	6
11	1229Z1118	Circlip	To Suit 1-½" Shaft	4
12	T02-2107	Inner Cam Bush	Can Use In Place of 12A & 15	2
12A	T02-2108	Inner Cam Bush	Old Style with Rigid Bracket	2
13	T02-3009	Bracket & Bush Assembly		2
13A	T02-3398	Bush Retainer Plate		2
14	R824000	Slack Adjuster	3 Hole, 10 Spline	2
15	T02-2081	Cam Enclosure	Bush Installed In Both Ends	2
15A	E-4739	Cam Enclosure Plate		2
16	BP2055B	Cam Enclosure Bush	Used with OE Tubes	4
17	T02-2003	LH 'S' Cam	1-½" x 10 Spline	1
	T02-2004	RH 'S' Cam		1
18	T02-3449	Return Spring	2 per Wheel Q-Brake	4
19	T02-3480	H/D Return Spring	1 per Wheel Q-Brake	2
20	T02-3452	Spring Retainer		4
21	3105B210	Roller Retainer	P-Brake	4
22	T02-3403AU	Smooth Standard Roller	For Knurled Add 'K' to Part No. e.g: T02-3403KAU	4
	T02-3404AU	Smooth ⅛" O/S Roller		4
	T02-3405AU	Smooth ¼" O/S Roller		4
23	TRP214515Q	Brake Shoe Lined ''Q''	Services 1 Wheel	2
24	T02-3415AU	H/D Roller Retainer		4
25	T02-3451	H/D Return Spring	P-Brake	2
25A	MB7016	Extra H/D Return Spring	P-Brake	2
26	T02-3401	Roller Retainer		4
27	TRP214515P	Brake Shoe Lined 'P'	Services 1 Wheel	2
28	T02-3302AU	Support Washer	Used With Extended Anchor Pins	8
29	T04-6002	Wheel Nut		10
30	T04-6051	Wheel Clamp	G.P. Type	10
30A	KH800146	Wheel Clamp	Malco Type	10
31	T04-6001	Wheel Stud		10
32	KH3601/GF	5 Spoke Hub	G.P. Type	2
32A	KH3600/GF	5 Spoke Hub & Drum	G.P. Type	2
33	DB014TRP	Brake Drum		2
34	T02-5100	Dust Cover		2

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

FREIGHTER INGERSOLL(IMT) - A22H/F22H AXLE CONTINUED
16-½" x 7" BRAKES

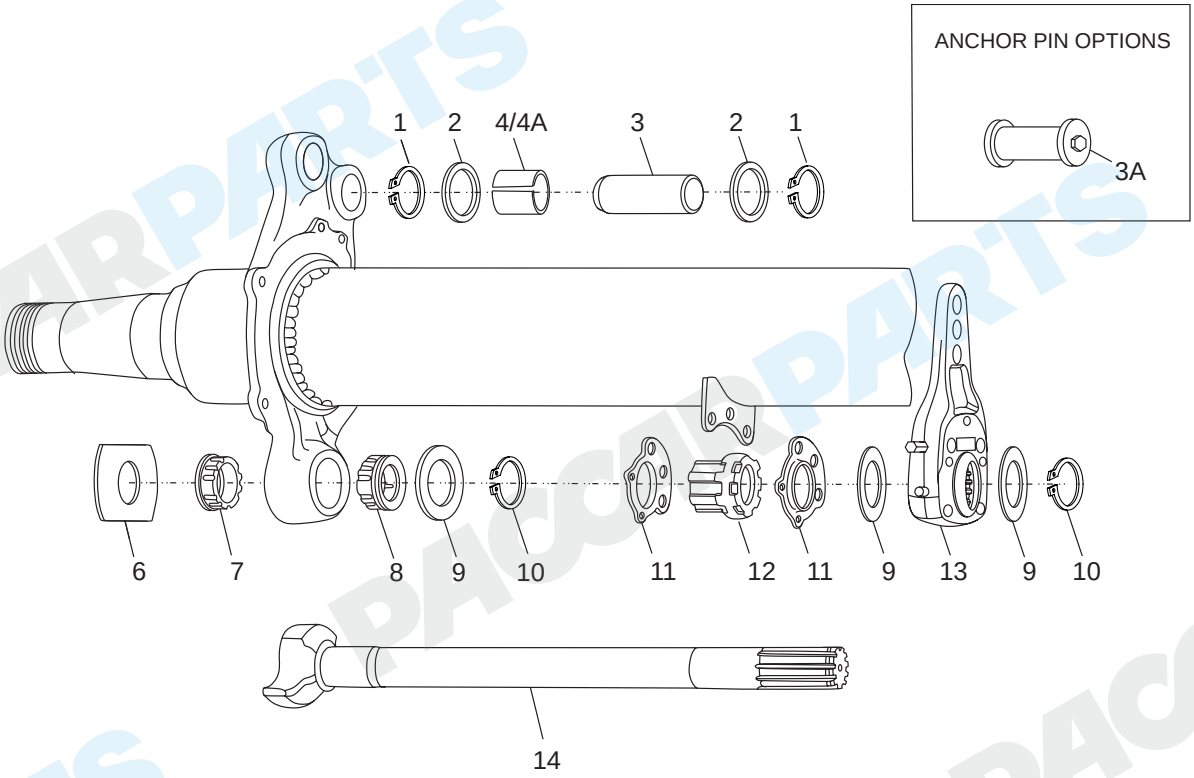


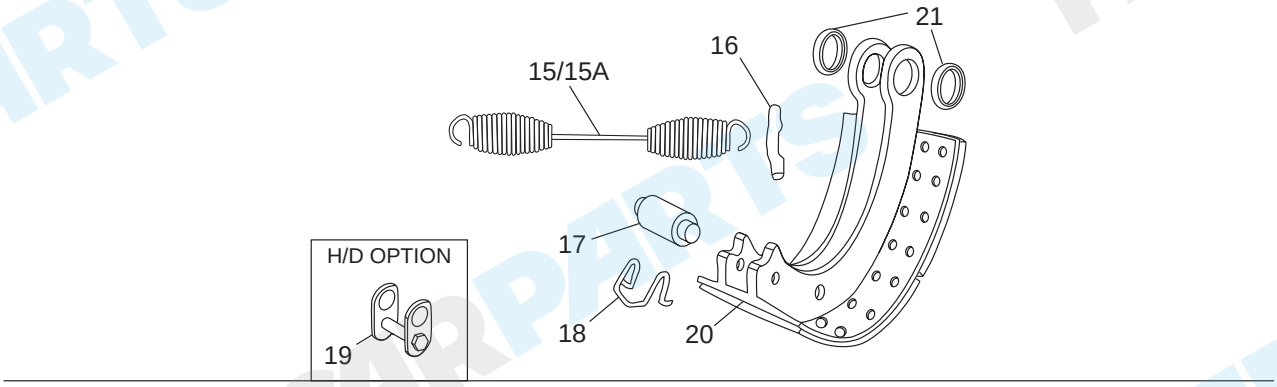
FREIGHTER INGERSOLL(IMT) - A22H/F22H AXLE CONTINUED
16-½" x 7" BRAKES

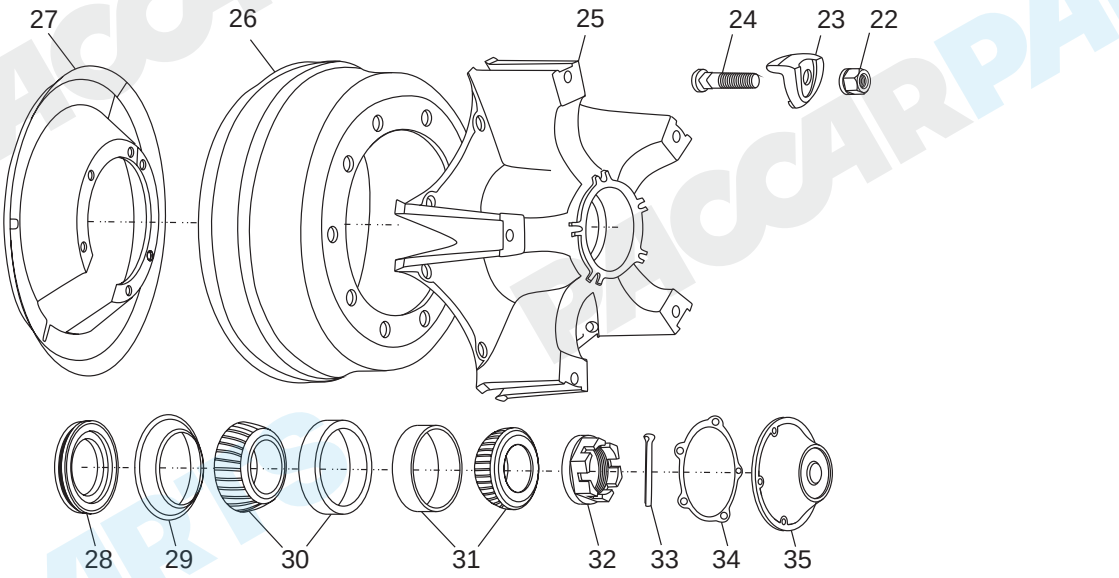
ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
35	T04-STM-0743G	Axle Seal (Grease)		2
36	HM218248T1M	Inner Cone	Refer Bearing Table for Set Part No.	2
37	HM218210T1M	Inner Cup		2
38	HM212011T1M	Outer Cup		2
39	HM212049T1M	Outer Cone		2
40	T04-4008	Inner Nut	Also Available as Kit PN T04-4011AU	2
41	T04-4007	Lock Washer		2
42	T04-8680	Lock Tab Washer		2
43	T04-4006	Outer Lock Nut		2
44	T04-4042	Gasket	Multi Drilled, 5 & 6 Hole	2
45	HA4009	6 Hole Stemco Hub Cap	Oil Hub (T04-4029ST 5 Hole) - Stemco PN : 343-4009	2
	98846-046P	6 Hole Hub Cap	Grease Hub	2
	T04-4031CR	6 Hole CR Hub Cap	Oil Hub (T04-4029CR 5 Hole)	2
46	450434	Plug	CR Cap	2
	HP4009		Stemco Cap: 359-5990	2

KIT PART NUMBER LISTING				
Brake Hardware Kits	T02-2401	H/D Brake Kit P-Brake with Circlip Anchor Pins	Includes H/D Return Springs Services 1 Wheel	2
	T02-2411	H/D Brake Kit Q-Brake		2
	T02-2412-AU	H/D Brake Kit P-Brake with Std Bolt On Anchor Pins		2
	T02-2413-AU	H/D Brake Kit P-Brake with Extn Bolt On Anchor Pins		2
S-Cam Repair Kits	T02-2316	'S' Cam Bush Kit	Services 1 Axle	1
	T02-3108-AU	'S' Cam Washer & Clip Kit	Services 1 'S' Cam	2
Axle Nut Kit	T04-4011AU	Axle Nut Kit (contains Item 40-43)	Services 1 Wheel	2

FREIGHTER MK-V
16-½" x 7" BRAKES





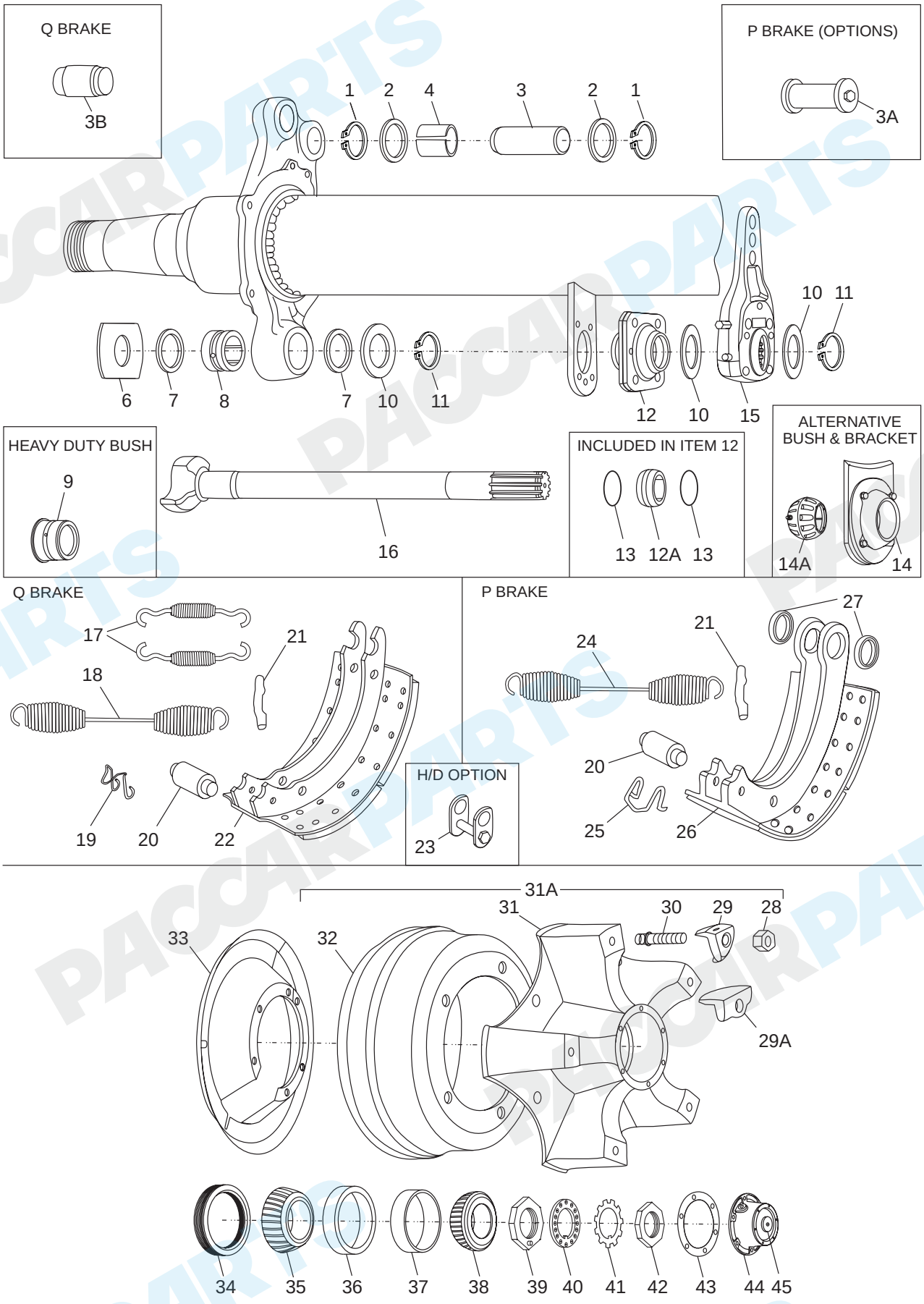


FREIGHTER MK-V
16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	1229X1116	Circlip	To Suit 1-¼" Shaft	8
2	T02-3203	Washer	1-⅞" OD x 1-¼" ID x 1/16"	8
3	T02-3199	P-Brake Anchor Pin	Extended Pin Circlip Type PN T02-3198	4
3A	T02-3200AU	P-Brake Anchor Pin	Extended Pin Bolt On PN T02-3304AU	4
4	T02-3207	Anchor Pin Bush	Stainless Steel	4
4A	T02-3207B	Anchor Pin Bush	Bronze Lined	4
6	T02-3101	'D' Washer		2
7	NSS	Bush 'S' Cam Spider - Outer	Contained In Kit T02-2201 / 02	2
8	NSS	Bush 'S' Cam Spider - Inner	Contained In Kit T02-2201 / 02	2
9	T02-3102	Washer	2-¼" OD x 1-½" ID x 1/16"	6
10	1229Z1118	Circlip	To Suit 1-½" Shaft	4
11	T02-3002	Retainer Plate		4
12	T02-2101	Inner Cam Bush		2
13	R824000	Slack Adjuster	3 Hole, 10 Spline	2
14	T02-2003	LH 'S' Cam	1-½" x 10 Spline	1
	T02-2004	RH 'S' Cam		1
15	T02-3451	H/D Return Spring		2
15A	MB7016	Extra H/D Return Spring		2
16	T02-3452	Spring Retainer		4
17	T02-3403AU	Smooth Standard Roller	For Knurled Add 'K' to Part No.	4
	T02-3404AU	Smooth ⅛" O/S Roller		4
	T02-3405AU	Smooth ¼" O/S Roller		4
18	T02-3401	Roller Retainer		4
19	T02-3415AU	H/D Roller Retainer		4
20	TRP214515P	Brake Shoe Lined Kit''P''		2
21	T02-3302AU	Support Washer	Used with Extended Anchor Pins	8
22	T04-6005	Wheel Nut		10
23	NA	Wheel Clamp		10
24	T04-6004	Wheel Stud		10
25	NA	5 Spoke Hub		2
26	M906054	Brake Drum	10 Hole Drum	2
27	T02-5100	Dust Cover		2
28	NA	Axle Seal		2
29	T04-4511	Wear Ring		2
30	32217T1M	Inner Bearing Assembly		2
31	32215T1M	Outer Bearing Assembly		2
32	NA	Axle Nut		2
33	0262020401	Split Pin	3-½" x 5/16"	2
34	NA	Gasket		2
35	NA	Hub Cap		2
KIT PART NUMBER LISTING				
Brake Hardware Kits	T02-2401	H/D Brake Kit P-Brake with Circlip Anchor Pins	Includes H/D Return Springs Services 1 Wheel	2
	T02-2412-AU	H/D Brake Kit P-Brake with Std Bolt On Anchor Pins		2
	T02-2413-AU	H/D Brake Kit P-Brake with Extn Bolt On Anchor Pins		2
S-Cam Repair Kits	T02-2302	'S' Cam Bush Kit	Services 1 Axle	1
	T02-3108-AU	'S' Cam Washer & Clip Kit	Services 1 'S' Cam	2
	T02-2201/02	Outer Bush S-Cam Spider Kit	Contains Item 7 & 8 - Includes 1x T02-2201 & 1x T02-2202	2

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

KIC SUDISA 10000 SERIES AXLE
HDTE / KRUEGER / RFS AXLES 16-½" x 7" BRAKES

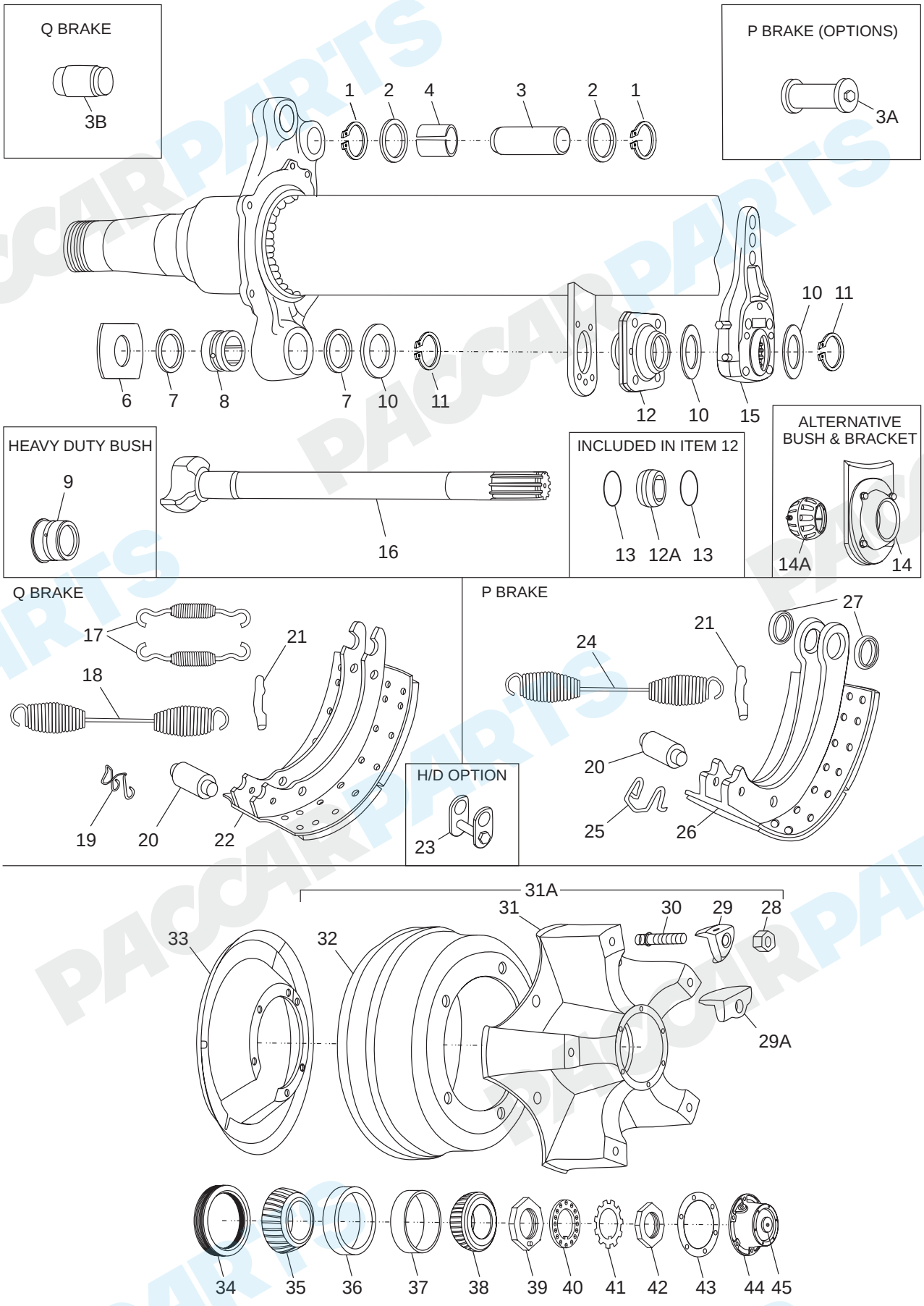


KIC SUDISA 10000 SERIES AXLE
HDTE / KRUEGER / RFS AXLES 16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	1229X1116	Circlip	To Suit 1-¼" Shaft	8
2	T02-3203	Washer	1 ⅞" OD x 1 ¼" ID x 1/16"	8
3	T02-3199	P-Brake Anchor Pin	Extended Pin Circlip Type PN T02-3198	4
3A	T02-3200AU	P-Brake Anchor Pin	Extended Pin Bolt On PN T02-3304AU	4
3B	T02-3237AU	Q-Brake Anchor Pin		4
4	T02-3207	Anchor Pin Bush	Stainless Steel	4
	T02-3207B		Bronze Lined	4
6	T02-3101	'D' Washer		2
7	NA	O-Ring	Replace with Item 9	2
8	NA	Cam Bush	Replace with Item 9	2
9	T02-2238-5	Cam Bush	2" OD x 1-½" ID c/w O Rings	2
10	T02-3102	Washer	2-¼" OD x 1-½" ID x 1/16"	6
11	1229Z1118	Circlip	To Suit 1-½" Shaft	4
12	T02-3005	Bracket & Bush Assy	Includes item 12A & 13	2
12A	T02-3006	Bush		2
13	T02-3007	O-Ring		4
14	T02-3009	Bracket & Bush Assy		2
14A	T02-2107	Inner Cam Bush		2
15	R824000	Slack Adjuster	3 Hole, 10 Spline	2
16	T02-2003	LH 'S' Cam 10 Spline		1
	T02-2004	RH 'S' Cam 10 Spline		1
17	T02-3449	Return Spring	2 per Wheel Q-Brake	4
18	T02-3480	H/D Return Spring	1 per Wheel Q-Brake	2
19	3105B210	Roller Retainer		4
20	T02-3403AU	Smooth Std Roller	For Knurled Add 'K' to Part No.	4
	T02-3404AU	Smooth ⅛" O/S Roller		4
	T02-3405AU	Smooth ¼" O/S Roller		4
21	T02-3452	Spring Retainer		4
22	TRP214515Q	Lined Brake Shoe Kit	Services 1 Wheel	2
23	T02-3415AU	H/D Roller Retainer		4
24	MB7016	Extra H/D Return Spring	P-Brake	2
	T02-3451	H/D Return Spring		2
25	T02-3401	Roller Retainer		4
26	TRP214515P	Lined Brake Shoe Kit		2
27	T02-3302AU	Support Washer	Used with Extended Anchor Pins	8
28	T04-6002	Wheel Nut		10
29	T04-6051	Wheel Clamp		10
29A	610-1	Wheel Clamp	Malco Type	10
30	T04-6001	Wheel Stud		10

Note: Axle Brake spider uses a 2" OD x 1 ½" ID Bush

HDTE / KRUEGER / RFS AXLES 16-½" x 7" BRAKES

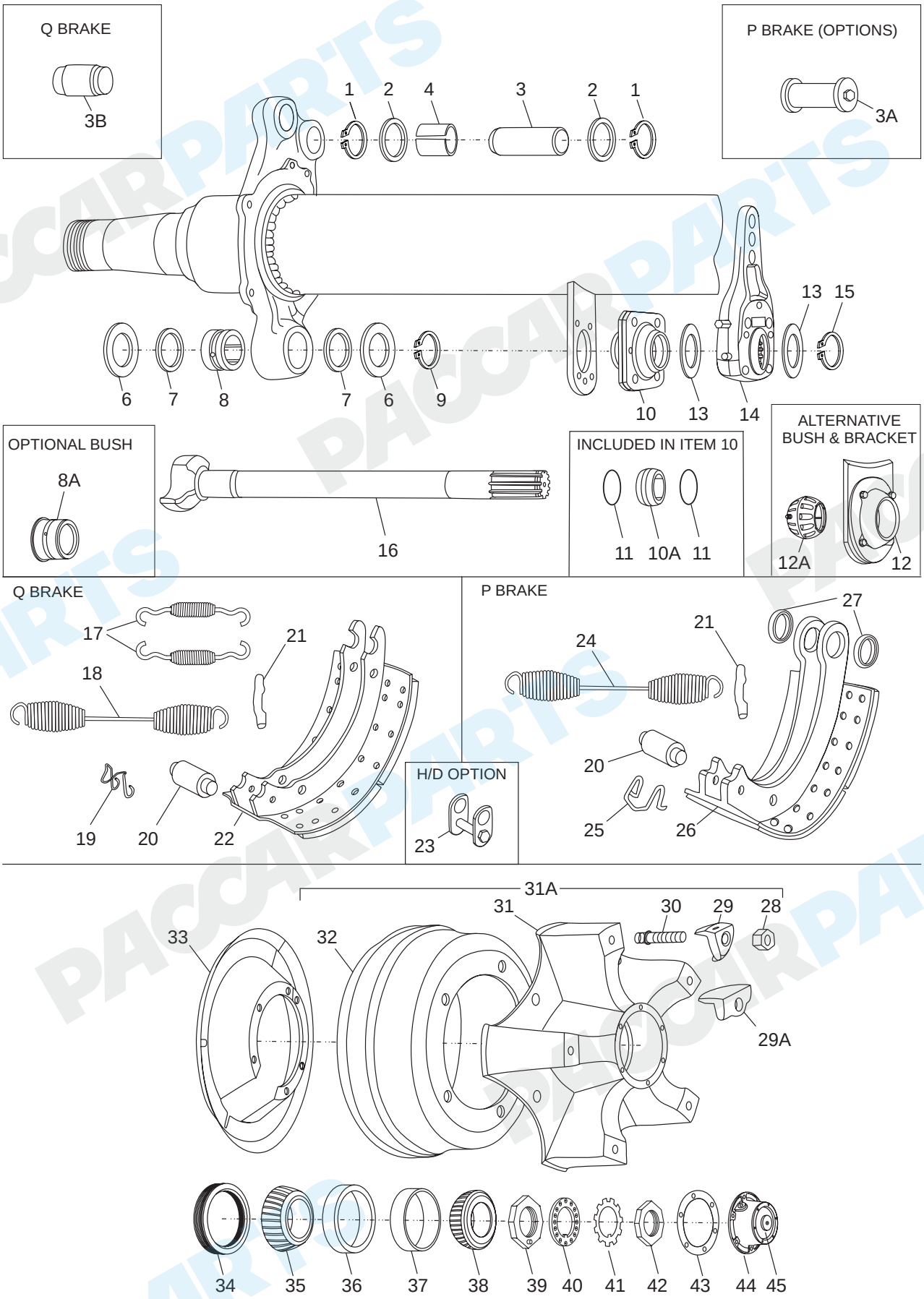


KIC SUDISA 10000 SERIES AXLE CONTINUED
HDTE / KRUEGER / RFS AXLES 16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
31	KH3601/GF	5 Spoke Hub	G.P. Type	2
	NA		Malco Type	2
31A	KH3600/GF	5 Spoke Hub & Drum	G.P. Type	2
	NA		Malco Type	2
32	DB014TRP	Brake Drum	Use With G.P. & Malco Type Hub	2
33	T02-5100	Dust Cover		2
34	T04-STM-0743G	Axle Seal (Grease)		2
35	HM218248T1M	Inner Cone	Refer Bearing Section For Set PN	2
36	HM218210T1M	Inner Cup		2
37	HM212011T1M	Outer Cup		2
38	HM212049T1M	Outer Cone		2
39	T04-4008	Inner Nut	Also Available As Kit PN T04-4011AU	2
40	T04-4007	Lock Washer		2
41	T04-8680	Lock Tab Washer		2
42	T04-4006	Outer Lock Nut		2
43	T04-4042	Gasket	Multi Drilled, 5 & 6 Hole	2
44	HA4009	6 Hole Hub Cap	Oil Hub (T04-4029SR 5 Hole) Stemco PN : 343-4009	2
	T04-4031CR	6 Hole CR Hub Cap	Oil Hub (T04-4029CR 5 Hole)	2
	98846-046P	6 Hole Hub Cap	Grease Hub	2
45	450434	Plug	CR Cap	2
	359-5990		Stemco Cap	2
Brake Hardware Kits	T02-2401	H/D Brake Kit P-Brake with Circlip Anchor Pins	Includes H/D Return Springs Services 1 Wheel	2
	T02-2411	H/D Brake Kit Q & Q Plus-Brake		2
	T02-2412-AU	H/D Brake Kit P-Brake with Std Bolt-On Anchor Pins		2
	T02-2413-AU	H/D Brake Kit P-Brake with Extn Bolt-On Anchor Pins		2
S-Cam Repair Kits	T02-3108-AU	'S' Cam Washer & Clip Kit	Services 1 'S' Cam	2
Axle Nut Kit	T04-4011AU	Axle Nut Kit (contains Item 40-43)	Services 1 Wheel	2

Note: Axle Brake spider uses a 2" OD x 1 ½" ID Bush

KIC SUDISA 11000 SERIES AXLE
HDTE / KRUEGER / RFS AXLES 16-½" x 7" BRAKES

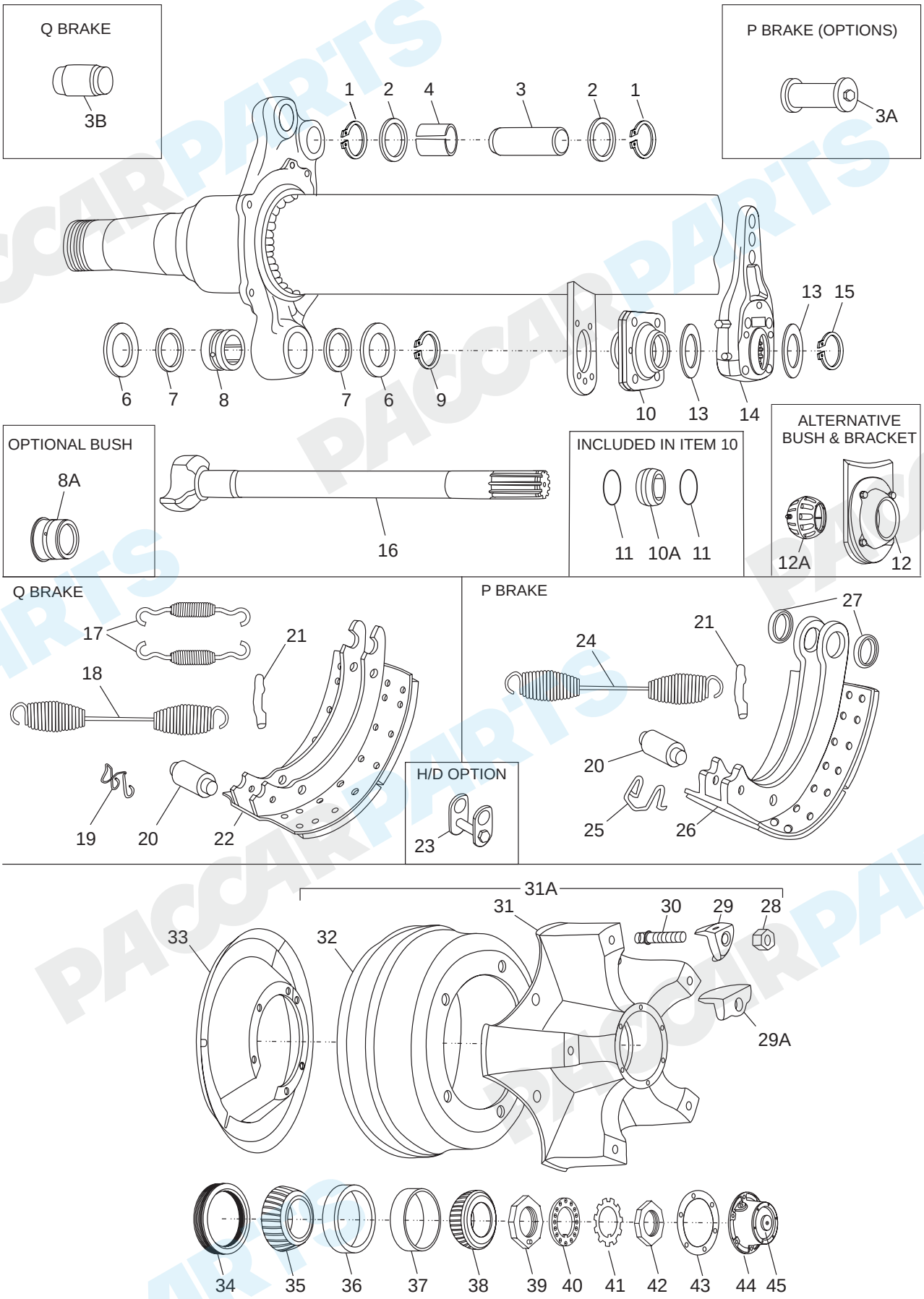


KIC SUDISA 11000 SERIES AXLE
HDTE / KRUEGER / RFS AXLES 16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	1229X1116	Circlip	To suit 1-¼" shaft	8
2	T02-3203	Washer	1-⅞" OD x 1-¼" ID x 1/16"	8
3	T02-3199	P-Brake Anchor Pin	Circlip (Extension type T02-3198)	4
3A	T02-3200AU	P-Brake Anchor Pin	Bolt on (Extension type T02-3304)	4
3B	T02-3237AU	Q-Brake Anchor Pin		4
4	T02-3207	Anchor Pin Bush	Stainless Steel	4
	T02-3207B		Bronze Lined	4
6	T02-3117	Washer	2" OD x 1-⅝" ID x 1/16"	4
7	T02-3118	Seal		4
8	T02-3151	Cam Bush	2" OD x 1-⅝" ID	2
8A	T02-2238-5	Cam Bush	2" OD x 1-½" ID c/w O Rings	2
9	T02-3100	Circlip	To suit 1-⅝" shaft	2
10	T02-3005	Bracket & Bush Assy	Includes Item 10A & 11	2
10A	T02-3006	Bush		2
11	T02-3007	O-Ring		4
12	T02-3009	Bracket & Bush Assy	Includes Item 12A & 11	2
12A	T02-2107	Inner Cam Bush		2
13	T02-3112	Washer	2" OD x 1-½" ID x 3/64"	4
14	R824000	Slack Adjuster	3 Hole, 10 Spline	2
15	1229Z1118	Circlip	To Suit 1-½" Shaft	4
16	T02-2055QP	LH 'S' Cam 10 Spline	Stepped - Use Bush T02-3151	1
	T02-2056QP	RH 'S' Cam 10 Spline		1
	T02-2067	LH 'S' Cam 10 Spline	Straight - Use Bush T02-2238-5	1
	T02-2068	RH 'S' Cam 10 Spline		1
17	T02-3449	Return Spring	2 per Wheel Q-Brake	4
18	T02-3480	H/D Return Spring	1 per Wheel Q-Brake	2
19	3105B210	Roller Retainer		4
20	T02-3403AU	Smooth Std Roller	For Knurled Add 'K' to Part No.	4
	T02-3404AU	Smooth ⅛" O/S Roller		4
	T02-3405AU	Smooth ¼" O/S Roller		4
21	T02-3452	Spring Retainer		4
22	TRP214515Q	Lined Brake Shoe Kit	Services 1 Wheel	2
23	T02-3415AU	H/D Roller Retainer		4
24	MB7016	Extra H/D Return Spring	P-Brake	2
	T02-3451	H/D Return Spring		2
25	T02-3401	Roller Retainer		4
26	TRP214515P	Lined Brake Shoe Kit	Services 1 Wheel	2
27	T02-3302AU	Support Washer	Used With Extension Anchor Pins	8
28	T04-6002	Wheel Nut		10
29	T04-6051	Wheel Clamp		10
29A	NA	Wheel Clamp	Malco Type	2
30	T04-6001	Wheel Stud		10

Note: These axles may use Stepped or Straight 'S'cams, both types use a 2" OD Bush

KIC SUDISA 11000 SERIES AXLE CONTINUED
HDTE / KRUEGER / RFS AXLES 16-½" x 7" BRAKES

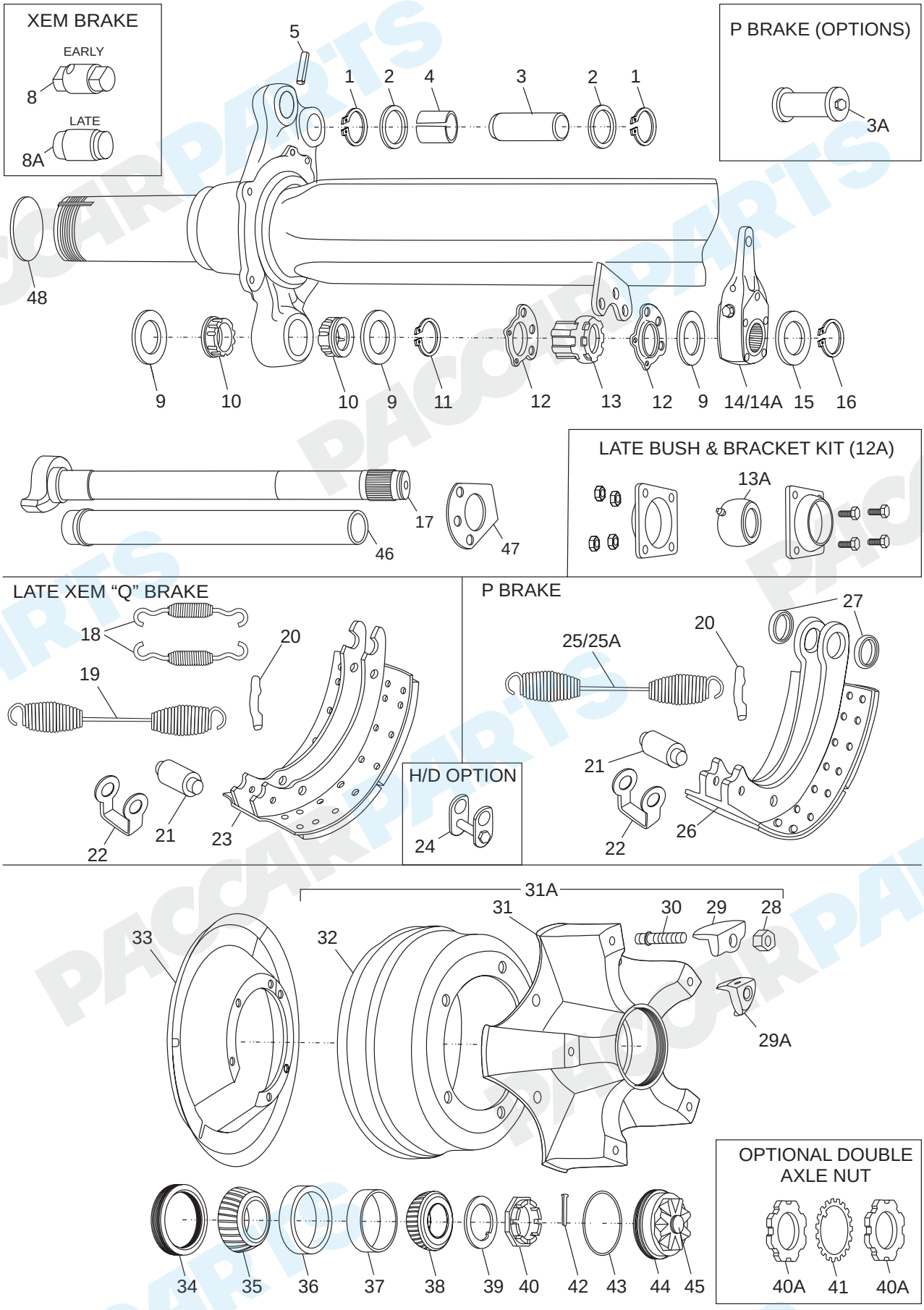


KIC SUDISA 11000 SERIES AXLE CONTINUED
HDTE / KRUEGER / RFS AXLES 16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
31	KH3601/GF	5 Spoke Hub	G.P. Type	2
	NA		Malco Type	2
31A	KH3600/GF	5 Spoke Hub & Drum	G.P. Type	2
	NA		Malco Type	2
32	DB014TRP	Brake Drum	Use with G.P. & Malco Type Hub	2
33	T02-5100	Dust Cover		2
34	T04-STM-0743G	Axle Seal (Grease)		2
35	HM218248T1M	Inner Cone	Refer to Bearing section for Set PN	2
36	HM218210T1M	Inner Cup		2
37	HM212011T1M	Outer Cup		2
38	HM212049T1M	Outer Cone		2
39	T04-4008	Inner Nut	Also Available as Kit PN T04-4011AU	2
40	T04-4007	Lock Washer		2
41	T04-8680	Lock Tab Washer		2
42	T04-4006	Outer Lock Nut		2
43	T04-4042	Gasket	Multi drilled, 5 & 6 hole	2
44	HA4009	6 Hole Hub Cap	Oil Hub (T04-4029ST 5 Hole) Stemco PN : 343-4009	2
	T04-4031CR	6 Hole CR Hub Cap	Oil Hub (T04-4029CR 5 Hole)	2
	98846-046P	6 Hole Hub Cap	Grease Hub	2
45	450434	Plug	CR Cap	2
	359-5990		Stemco Cap	2
Brake Hardware Kits	T02-2401	H/D Brake Kit P-Brake with Circlip Anchor Pins	Includes H/D Return Springs Services 1 Wheel	2
	T02-2411	H/D Brake Kit Q & QPlus-Brake		2
	T02-2412-AU	H/D Brake Kit P-Brake with Std Bolt-On Anchor Pins		2
	T02-2413-AU	H/D Brake Kit P-Brake with Extn Bolt-On Anchor Pins		2
S-Cam Repair Kits	T02-3108-AU	'S' Cam Washer & Clip Kit	Services 1 'S' Cam	2
Axle Nut Kit	T04-4011AU	Axle Nut Kit (contains Item 40-43)	Services 1 Wheel	2

Note: These axles may use Stepped or Straight 'S'cams, both types use a 2" OD Bush

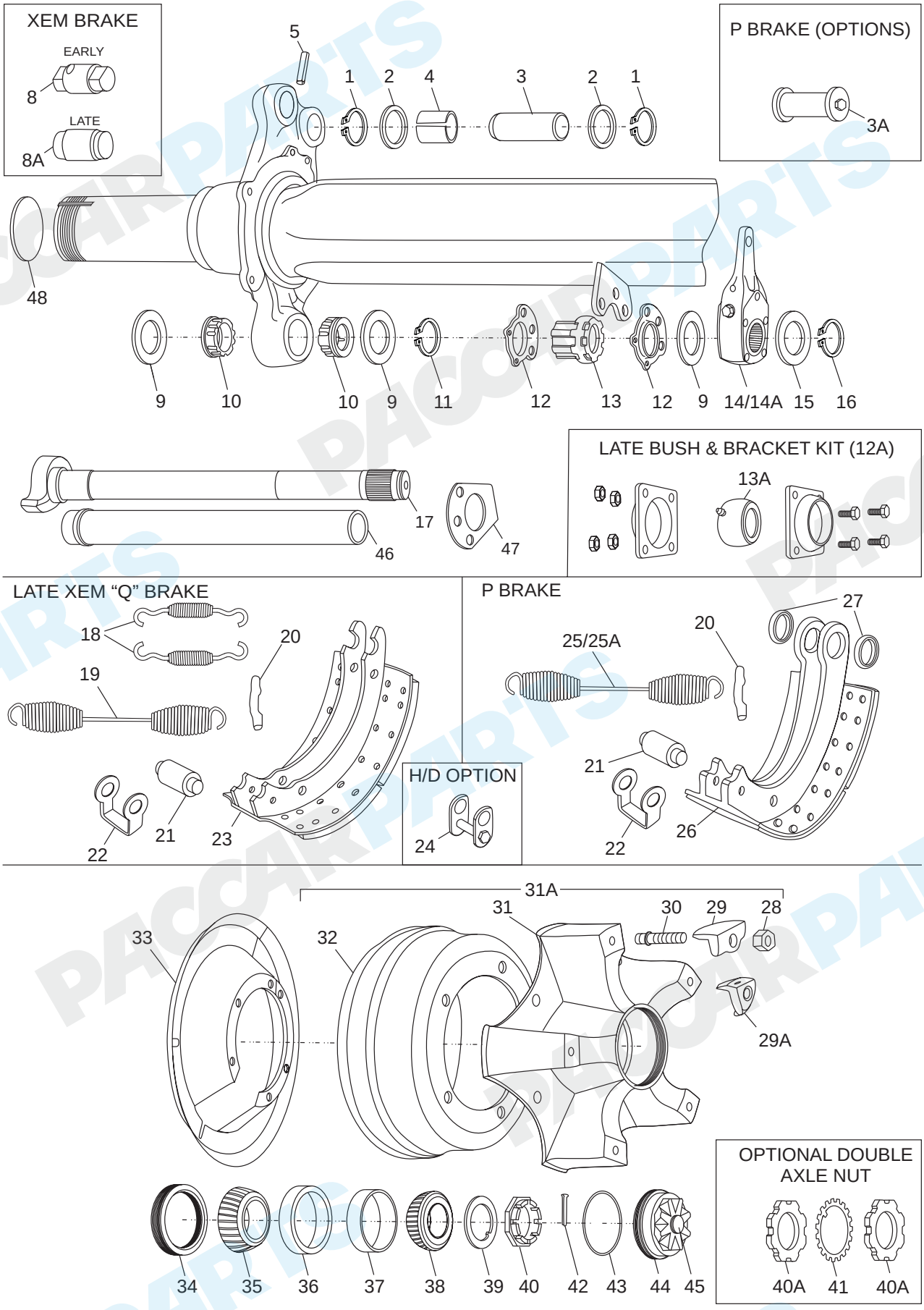
FREUHAUF PROPAR AXLE
16-½" x 7" BRAKES



FREUHAUF PROPAR AXLE
16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
1	1229X1116	Circlip	To Suit 1-¼" Shaft	8
2	T02-3203	Washer	1-⅞" OD x 1-¼" ID x 1⁄16"	8
3	T02-3199	P-Brake Anchor Pin	Extended Pin Circlip Type PN T02-3198	4
3A	T02-3200AU	P-Brake Anchor Pin	Extended Pin Bolt On PN T02-3304AU	4
4	T02-3206	Anchor Pin Bush	Stainless Steel Offset Slot - For Circlip Type Anchor Pin	4
	T02-3207		Stainless Steel	4
	T02-3207B		Bronze Lined	4
5	T02-3204	Roll Pin		2
8	T02-3195	Anchor Pin XEM Brake	Early To 1983	4
8A	T02-3238	Anchor Pin XEM Brake	Late From 1983	4
9	T02-3106	Washer	2-⅜" OD x 1-⅝" ID x 1⁄16"	6
10	T02-2203	Bush 'S' Cam Spider		4
11	T02-3100	Circlip	To Suit 1-⅝" Shaft	2
12	NA	Retainer Plate	Early Type	4
12A	E-4594	Bush & Bracket Kit	Late Type	2
13	T02-2102	'S' Cam Bush	Early Type	2
13A	T02-2103	'S' Cam Bush	Late Type	2
14	R824007	Slack Adjuster	1 Hole, 37 Spline	2
14A	61137370EF	Slack Adjuster	3 Hole, 37 Spline	2
15	T02-3102	Washer	2-¼" OD x 1-½" ID x 1⁄16"	2
16	1229Z1118	Circlip	To Suit 1-½" Shaft	2
17	T02-2001	LH 'S' Cam	37 Spline x 537mm For Alternative 'S' Cams, Refer 'S' Cam Product Section 4	1
	T02-2002	RH 'S' Cam		1
18	T02-3449	Return Spring	2 Per Wheel XEM Brake	4
19	T02-3480	H/D Return Spring	1 Per Wheel XEM Brake	2
20	T02-3452	Spring Retainer		4
21	T02-3403AU	Smooth Standard Roller	For Knurled Add 'K' to Part No.	4
	T02-3404AU	Smooth ⅛" O/S Roller		4
	T02-3405AU	Smooth ¼" O/S Roller		4
22	E-3227	Roller Retainer		4
23	KSMA2124515F3	Lined Brake Shoe Kit	XEM Type, Services 1 Wheel	2
24	T02-3415AU	H/D Roller Retainer		4
25	T02-3451	H/D Return Spring	P-Brake	2
25A	MB7016	Extra H/D Return Spring	P-Brake	2
26	KSMA2124515F	Lined Brake Shoe Kit	P Type	2
27	T02-3302AU	Support Washer	Used with Extended Anchor Pins	8
28	T04-6002	Wheel Nut		10
29	KH800146	Wheel Clamp	Malco Type	10
29A	T04-6051	Wheel Clamp	G.P. Type	10
30	T04-6001	Wheel Stud		10
31	KH3601/FF	5 Spoke Hub	Malco Type	2
31A	KH3600/FF	5 Spoke Hub & Drum	Malco Type	2
32	KH3602/FF	Brake Drum		2
33	T02-5100	Dust Cover		2
34	T04-STM-0723TGS	Axle Seal (Grease)		2

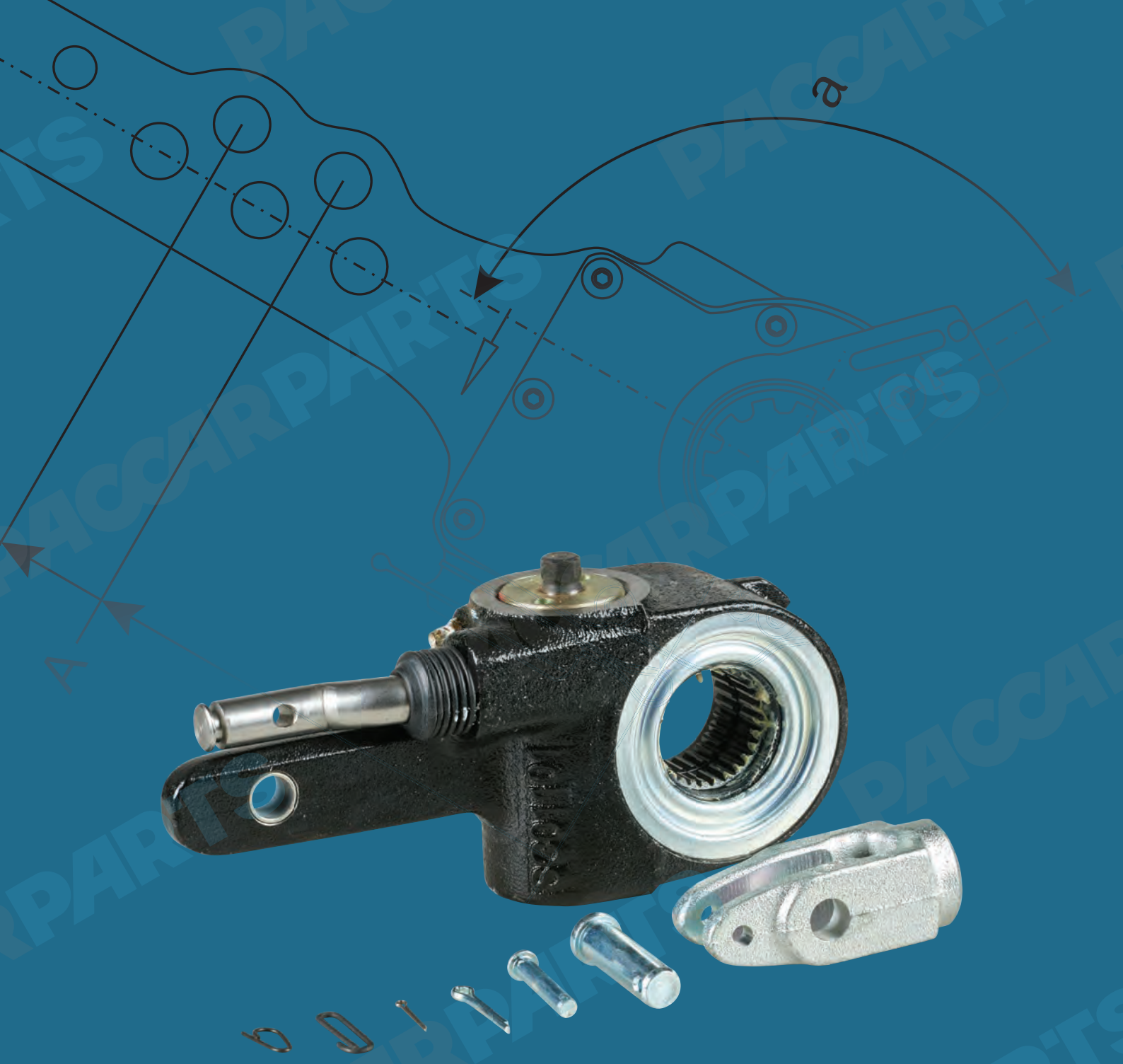
FREUHAUF PROPAR AXLE CONTINUED
16-½" x 7" BRAKES



FREUHAUF PROPAR AXLE CONTINUED
16-½" x 7" BRAKES

ITEM NO.	PART NO.	DESCRIPTION	COMMENT	QTY/ AXLE
35	HM518445T1M	Inner Cone	Refer Bearing Table for Set Part No.	2
36	HM518410T1M	Inner Cup		2
37	HM518410T1M	Outer Cup		2
38	HM518445T1M	Outer Cone		2
39	T04-4009	Washer		2
40	A12-0101	Axle Nut		2
40A	T04-4004	Axle Nut	Double Axle Nut Use with 41	2
41	T04-4005	Tab Washer	Use with 2 of 40A	2
42	T04-7501	Split Pin	1" x ¼"	2
	T04-7504		6" x 5⁄16" Optional Split Pin	2
43	T04-4021	O-Ring Gasket		2
44	KH800205	Hub Cap	Alloy Hub Cap	2
	T04-4024		Lexan Hub Cap	2
	T04-4024H		Use with Hubometer	2
45	T04-4022	Plug	Use with T04-4024	2
46	T02-2086	Cam Enclosure		2
47	T02-2090	Cam Enclosure Plate		2
48	NA	Axle End Plug		2

KIT PART NUMBER LISTING				
Brake Hard-ware Kits	T02-2401	H/D Brake Kit P-Brake with Circlip Anchor Pins	Includes H/D Return Springs Services 1 Wheel	2
	T02-2408	H/D Brake Kit XEM Brake, Late From 1983		2
	T02-2409	H/D Brake Kit XEM Brake, Early To 1983		2
	T02-2412-AU	H/D Brake Kit P-Brake with Std Bolt On Anchor Pins		2
	T02-2413-AU	H/D Brake Kit P-Brake with Extn Bolt On Anchor Pins		2
S-Cam Repair Kits	T02-2301-AU	'S' Cam Bush Kit	Services 1 Axle	1
	T02-2323	'S' Cam Bush Kit, To Suit Late Type Inner Cam Bush		1
	T02-3109-AU	'S' Cam Washer & Clip Kit	Services 1 'S' Cam	2



A worn slack adjuster can cause major problems for your trailer braking system. Selecting the right product just got easier via the product selection charts and tables featured in this section. An exhaustive range of both original equipment and aftermarket brands have been compiled.

SLACK ADJUSTER

SLACK ADJUSTERS

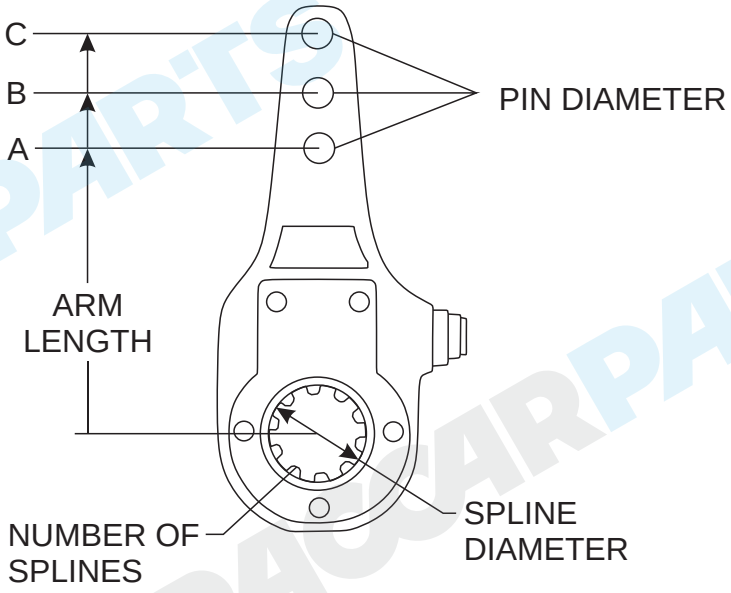
MANUAL	348
AUTOMATIC	350

SLACK ADJUSTER SERVICE PARTS

YOKE & PIN ASSEMBLY	352
CLEVIS PIN BUSHES	354
CLEVIS PINS & KITS	356
RETURN SPRINGS	358

TO VIEW THE DIGITAL VERSION OF THE PACCAR PARTS TRAILER CATALOGUE **SCAN HERE!**

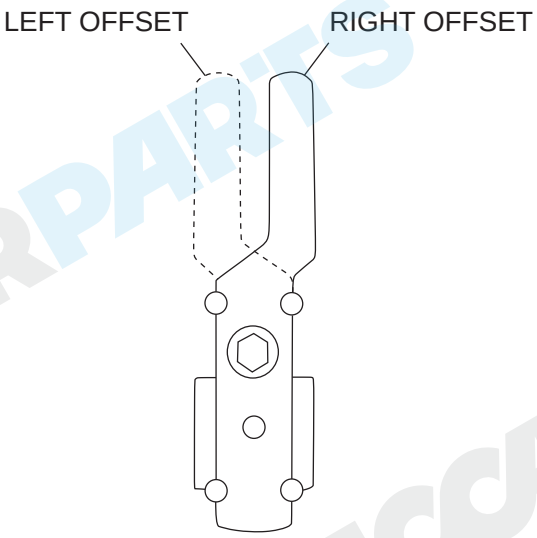
SLACK ADJUSTERS
MANUAL



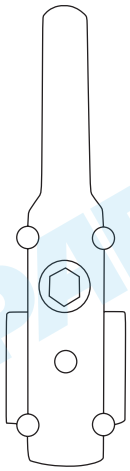
PART NO.	SPLINE DIA.	PIN DIA.	ARM LENGTH			ARM TYPE	BRAND	APPLICATION	REPLACES
			A	B	C				
10 SPLINE									
R824009	1-¼"	½"	4-½"	5-½"		Straight	Meritor	Steer Axle	
R824001 or CWMM1202S	1-½"	½"	5-½"	6-½"	-	Straight	Meritor Crewson	Drive Axle Trailer Axle	WT5023HD FB5019 N21153C FL10-354
R824000 or KH278323EF or CWMM1200S	1-½"	½"	5"	6"	7"	Straight	Meritor Fuwa K Hitch Crewson	Drive Axle GP Trailer Axle with 19mm Adjuster Nut	WT5020HD FB5020 N21153A/51012 FL10-351
T02-5025	1-½"	½"	6"	-	-	Curved Arm	TRP	Suit Low Loader with 12¼" Brakes Rockwell	R002091
617103001EF	1-½"	½"	5"	6"	7"	Curved Arm	Fuwa K Hitch	KK44 Low Loader Axle	
0517452610	1-½"	½"	120 mm	150 mm	180 -250 mm	Straight	BPW	BPW Axles	WT5022 FB5024 100001721/51080 FL10-6351A
0517465130	1-½"	½"	120 -135 mm	150 -165 mm	180 -250 mm	Straight	BPW	BPW Axles	
2175030600	1-½"	½"	5"	5-½"	6"	Offset = 0mm Inclination 20°	SAF	SAF J-Series Axles	
24 SPLINE									
R825020	1-¼"	½"	5-½"			Straight	Meritor	Steer Axle	

DIA - DIAMETER

SLACK ADJUSTERS
MANUAL



OFFSET ARM

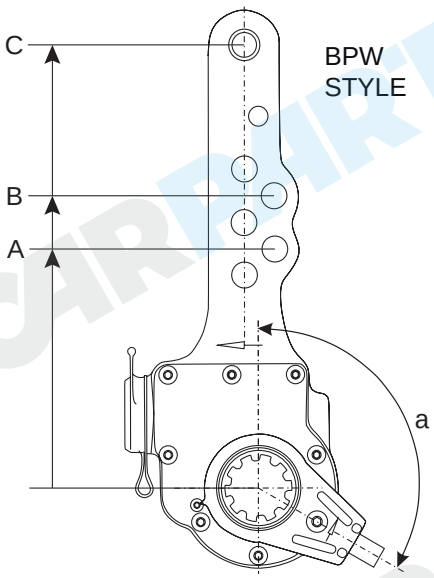


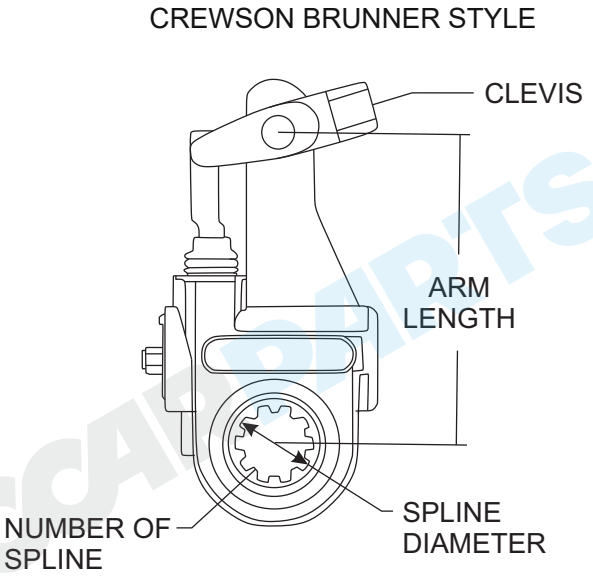
STRAIGHT ARM

PART NO.	SPLINE DIA.	PIN DIA.	ARM LENGTH A	ARM LENGTH B	ARM LENGTH C	ARM TYPE	BRAND	APPLICATION	REPLACES
28 SPLINE									
101289	1-½″	⅝″	5-½″	6-½″	-	Straight	Knorr Bremse	Rockwell Drive Axle	A64-3276X596 Isuzu 1482700790 A5 3275P1446
R824004 or 98834-008	1-½″	½″	5-½″	6-½″	-	Straight	Meritor Hendrickson	Rockwell Drive Axle with 19mm Adjuster Nut	WT5024HD FB5026 N21154C FL10-368 CWMM2202S R822004
R824003 or 98834-004	1-½″	½″	5″	6″	7″	Straight	Meritor Hendrickson	Trailer Axle with 19mm Adjuster Nut Hendrickson	WT5025HD FB5027 N21154A CWMM2200S FL10-355
37 SPLINE									
R824007	1-⅝″	½″	6″			Straight	Meritor	Fruehauf Propar Axle with 19mm Adjuster Nut	WT5021-3HD FB5021 N21155A FL10-367
61137370EF	1-⅝″	½″	5″	6″	7″	Straight	Fuwa K Hitch	Fuwa K Hitch Axle	CWMM3200S

DIA - DIAMETER

SLACK ADJUSTERS
AUTOMATIC

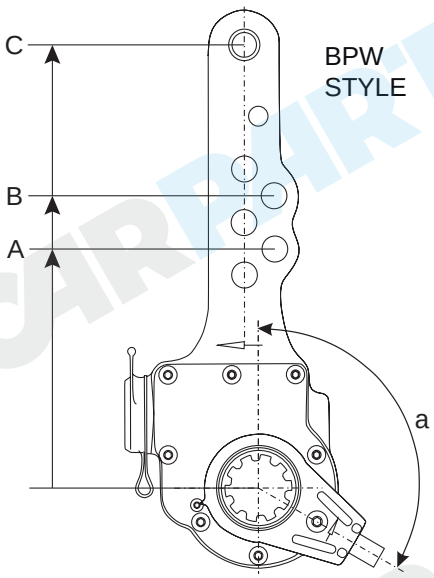


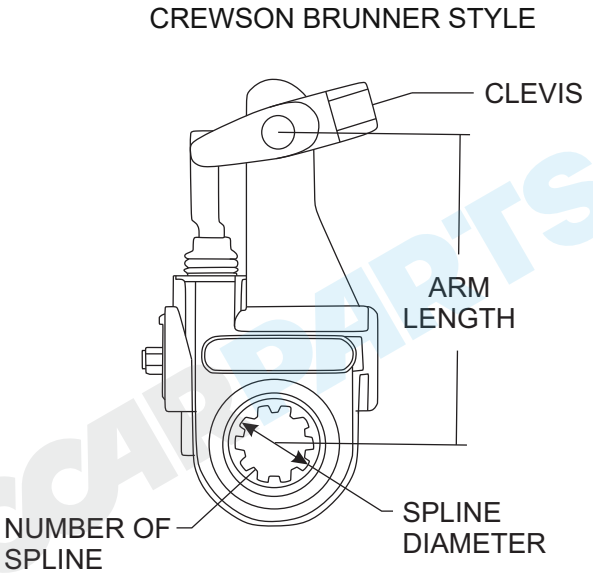


PART NO.	SPLINE DIA.	PIN DIA.	ARM LENGTH A	ARM LENGTH B	ARM LENGTH C	ARM TYPE	BRAND	APPLICATION	REPLACES
10 SPLINE									
ASC21112	1-½″	½″	5″	6″	7″	Straight	Gunite	Trailer Axle	WT5011AS MK21104S
CWMK21103S or T02-5011	1-½″	½″	5″	6″		Straight	Crewson TRP	Trailer Axle	WT5012AS BP21103 FB5015
CWMK21102S or T02-5016	1-½″	½″	5-½″	6-½″		Straight	Crewson TRP	Trailer Axle	WT5016AS BP21102 MK21102S FB5016 ASC21102
CWMK21153S	1-½″	½″	5″	6″		Curved ⅝″	Crewson	Low Loader Trailer Axle/York	79AS004 7921153
ASH10302	1-½″	½″	5″	6″		Curved	Fuwa K Hitch	KK44 Low Loader Axle	
CWMK21704S	1-½″	½″	5″	6″	7″	Straight	Crewson	Extended Clevis ⅝″	WT5011AS FB4970 79AS001 7921104 MK21104S
AS1133	1-½″	½″	6″			Straight	Gunite	Trailer Axle	AS1050 AS1133 51085 KN52200
AS1132	1-½″	½″	5-½″			Straight	Gunite	Drive Axle	AS1049 AS1032
3434350202	1-½″	½″	5″	5-½″	6″	Offset = 0mm Inclination 20°	SAF	SAF Trailer Axle	
0557482433	1-½″	½″	120-135 mm	150-165 mm	180-250 mm	Straight	BPW	BPW - Pairs (Eco-master) 6 Hole - 120°	0557482432 WT5022AS
0517482212	1-½″	½″	120-135 mm	150-165 mm	180-250 mm	Straight	BPW	BPW Eco-master a = 120°	
0517482242	1-½″	½″	120-135 mm	150-165 mm	180-250 mm	Straight	BPW	BPW Eco-master a = 180°	

DIA - DIAMETER

SLACK ADJUSTERS
AUTOMATIC

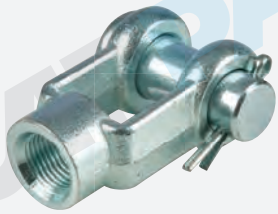
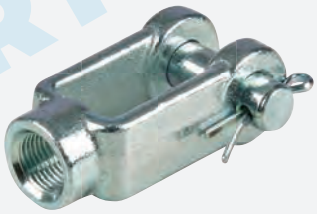




PART NO.	SPLINE DIA.	PIN DIA.	ARM LENGTH A	ARM LENGTH B	ARM LENGTH C	ARM TYPE	BRAND	APPLICATION	REPLACES
28 SPLINE									
CWMK22102S or T02-5018	1-½″	½″	5-½″	6-½″		Straight	Crewson TRP	Truck & Trailer	WT5014AS 98834-009 BP22102 FB4997
CWMK22103S or T02-5017	1-½″	½″	5″	6″		Straight	Crewson TRP	Truck & Trailer	WT5013AS 98834-013 BP22103
AS1140	1-½″	½″	5-½″			Straight	Gunite	Drive Axle	AS1054 98834-004
AS1141	1-½″	½″	6″			Straight	Gunite	Trailer Axle	AS1055 98834-005
98834-028	1-½″	½″	5″	6″	7″	Straight	Hendrickson	Hendrickson - Kit includes S-24597, S-24596, 98515-004	
98834-029	1-½″	½″	5-½″	6-½″		Straight	Hendrickson	Hendrickson - Kit includes S-24597, S-24596, 98515-004	
R801074	1-½″	⅝″	6″			Straight	Meritor	Truck & Trailer Axle	
37 SPLINE									
ASC23112	1-⅝″	½″	5″	6″	7″	Straight	Gunite	Fuwa K Hitch Axle	
CWMK23103S	1-⅝″	½″	5″	6″		Straight	Crewson	Trailer Axle	WT5015-3AS BP23106 FB5004 KN52260
AS1056	1-⅝″	½″	6″			Straight	Gunite	Fruehauf Propar Axle	

DIA - DIAMETER

SLACK ADJUSTERS SERVICE PARTS
YOKE & PIN ASSEMBLY

MANUAL SLACK ADJUSTERS			
PART NO.	**DESCRIPTION**	**APPLICATION**	**REPLACES**
1203023 	Yoke & Pin Assembly ⅝" x ⅝" Pin ⅝"	Drive Axle	11M018-625 3253625R1
8292001 	Yoke & Pin Assembly ⅝" Threaded Yoke with ½" Clevis Pin	Trailer & Drive Axle	1103023 11M018 3255429R1 A-21420
90040-1 	Yoke & Clevis Pin ⅝" Threaded Long Yoke with ⅝" Clevis Pin	Suits BPW Slack Adjuster	
A-21420 	Clevis Pin - 50mm Includes Clevis Pin & Split Pin	Suits Hendrickson Drum Axle	8292001 1103023 11M018 3255429R1
98870-001 	Extended Clevis Pin - 100mm	Suits Hendrickson Drum Axle	

SLACK ADJUSTERS SERVICE PARTS
YOKE & PIN ASSEMBLY

AUTOMATIC SLACK ADJUSTERS			
PART NO.	**DESCRIPTION**	**APPLICATION**	**REPLACES**
T02-5001 	Booster Yoke Kit ⅝" Threaded Yoke with ½" Clevis Pin Pin Kit to suit is T02-5000	Used with Crewson Brunner Auto Slack Spacing between clevis pin holes is 29mm	MC8120KTS
AS3000 	Booster Yoke Kit ⅝" Threaded Yoke with ½" Clevis Pin	Suits Gunite Auto Slack Adjuster Spacing between clevis pin holes is 26mm	E15061
AS3016 	Collar Lock Yoke Lock Collar ⅝" Threaded Yoke with ½" Clevis Pin	Suits Gunite Auto Slack Adjuster Spacing between clevis pin holes is 26mm	
A31-0301 	Slack Adjuster Adaptor Kit Adaptor Clevis to fit Manual Slack Adjuster	Suits Fuwa K Hitch Low Loader Axle (KK44) with Curved Arm	
CWMC8425KTAS 	Clevis ⅝-18" Offset with Pin Kit (Auto-Check)	Used with Crewson Brunner Auto Slack Adjuster	

SLACK ADJUSTERS SERVICE PARTS
CLEVIS PIN BUSHES

MANUAL SLACK ADJUSTERS			
PART NO.	**DESCRIPTION**	**APPLICATION**	**REPLACES**
201225 	Bush to Suit ½" Pin	Suits Manual Slack Adjuster	E-2307 IT2307
211573 	Bush to Suit ⅝" Pin	Suits Manual Slack Adjuster	

SLACK ADJUSTERS SERVICE PARTS
CLEVIS PINS & KITS

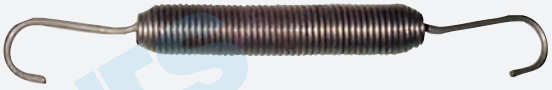
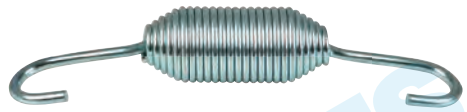
MANUAL SLACK ADJUSTERS

PART NO.	DESCRIPTION	APPLICATION	REPLACES
T02-1175 	Clevis Pin ½" Pin x 1-⅜" Long	GP	19X45 1003025
T02-1176 	Clevis Pin ⅝" Pin x 1-⅜" Long		19X42 1013025

AUTOMATIC SLACK ADJUSTERS

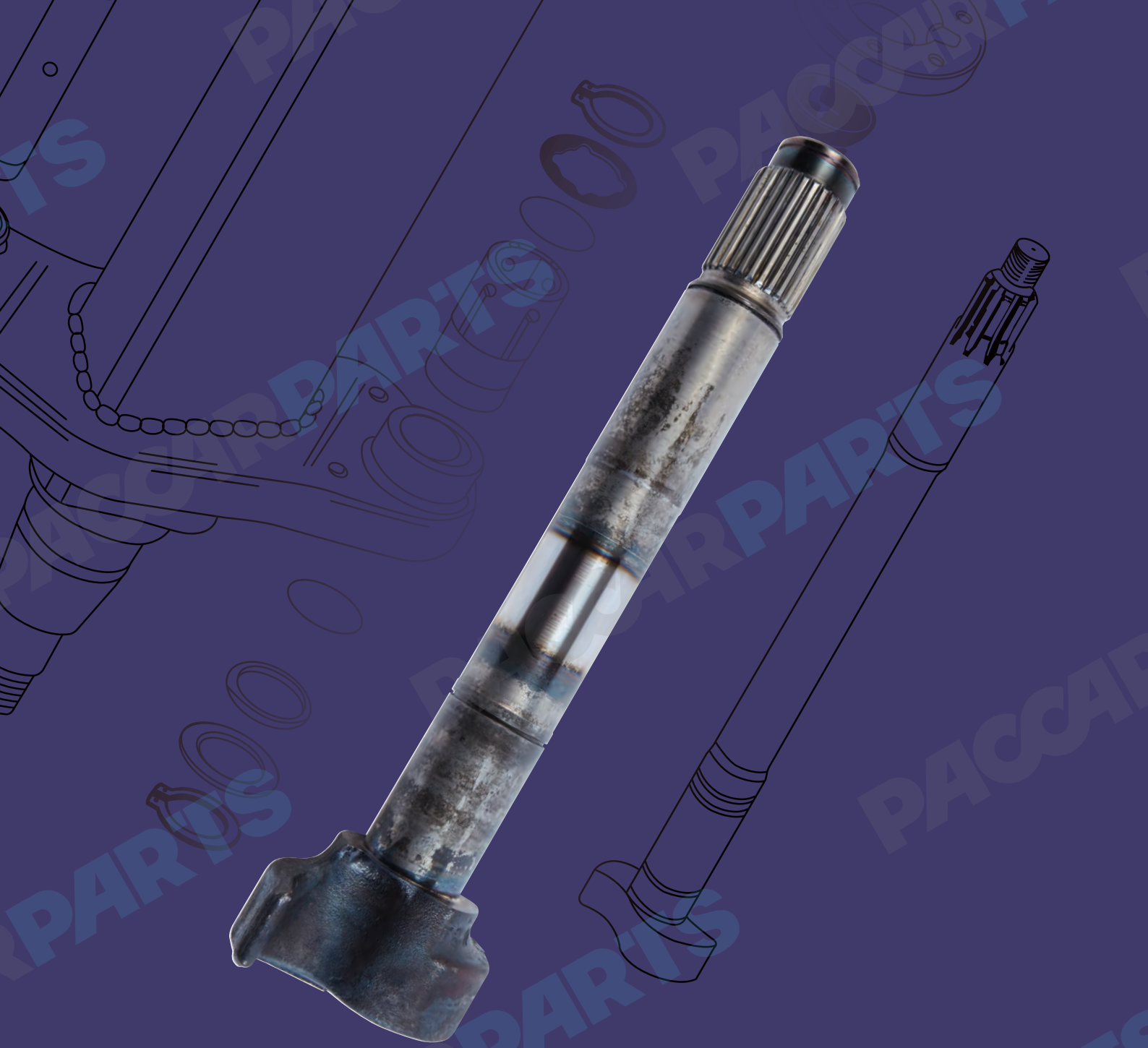
PART NO.	DESCRIPTION	APPLICATION	REPLACES
T02-5000 	Clevis Pin Contains: 2x Split Pins 1x ½" Pin & 1x ¼" Pin	Used with Crewson Brunner Auto Slack Adjuster	
AS4004 	Clevis Pin Kit Contains: 6x ½" Clevis Pins 6x ¼" Clevis Pins 12x Cotter Pins	Suits Gunite Auto Slack Adjuster	CQ19113

SLACK ADJUSTERS SERVICE PARTS
RETURN SPRINGS

PART NO.	DESCRIPTION	APPLICATION	REPLACES
1447003600 	Return Spring OD: ⅞", 22mm OAL: 185mm	Suits SAF J-Series, Z9-4218, Z9-3720 Axles	
T02-7379 	Return Spring OD: 1", 25mm OAL: 5-⅞", 148mm	Suits BPW Slack Adjuster Suits most G.P. Application	539726030
T02-7378 	Return Spring OD: ⅞", 22mm OAL: 9-1⁄16", 230mm	Suits BPW Slack Adjuster Suits most G.P. Application	0539726020
79786330 	Return Spring OAL: 135mm	Suits York Drum Axles	
T02-8408-0 	Return Spring Kit ½" Clevis Pin OD: 25mm OAL: 148mm	G.P. Type Axles	
A20-0101 	Return Spring OAL: 145mm	Suits Fuwa K Hitch Drum Axle	

OAL - Overall Length

NOTES



PACCAR Parts has a comprehensive range of S–Cams and associated hardware to suit both current and early trailer axles.

From bushes, tubes, support brackets, spacers washers and related kits, PACCAR Parts has you covered.

S—CAM

S—CAM

10 SPLINE	364
28 SPLINE	370
37 SPLINE	372

S—CAM TUBES & HARDWARE

TUBES	374
TUBE KITS	378
TUBE BUSHES	384
TUBE RETAINER PLATES	386

S—CAM HARDWARE KITS

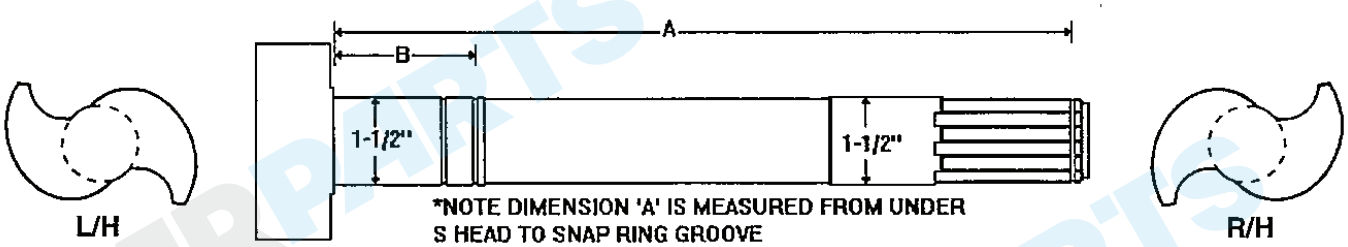
BUSH KITS	388
WASHER & CLIP KITS	402

S—CAM HARDWARE

BUSHES	406
SUPPORT BRACKETS	414
CIRCLIPS & RETAINERS	418
SEALS & O'RINGS	420
SPACERS & WASHERS	428

TO VIEW THE DIGITAL VERSION OF THE PACCAR PARTS TRAILER CATALOGUE SCAN HERE!

S—CAM
10 SPLINE

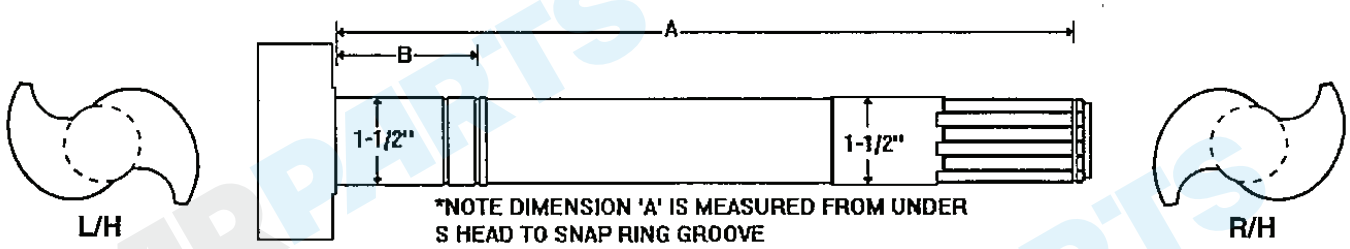


1-½" — 1-½" (38mm — 38mm) DIAMETER x 10 SPLINE

PART NO.	LH RH	DIMENSION A	DIMENSION B	APPLICATION / COMMENTS	REPLACES
T02-2028	LH	286mm 11-¼"	48mm 1-⅞"	▪ General Purpose ▪ Meritor Drive Axle	▪ 41014 ▪ 2210X5354S ▪ FL18-809 ▪ WT2013
T02-2029	RH				▪ 41015 ▪ 2210W5353S ▪ FL18-808 ▪ WT2013
T02-2015	LH	292mm 11-½"	48mm 1-⅞"	▪ Mack Drive Axle ▪ Meritor Drive Axle	▪ 41016 ▪ 2210D5360SW ▪ FL18-811 ▪ WT2031
T02-2016	RH				▪ 41017 ▪ 2210C5359SW ▪ FL18-810 ▪ WT2032
T02-2003	LH	518mm 20-⅜"	56mm 2-7/32"	▪ York 2682, 2782, 2784, 2800 Trailer Axles ▪ Rockwell RN/TN Axle ▪ KIC-Sudisa 10000 Series Axle ▪ G.P. Trailer Axle ▪ Dana D21, D22, K21 & K22 ▪ Freighter MK-V, Ingersoll (IMT) - A22H/F22H Suits Most Trailer Axles without Airbag Suspension	▪ 41506 ▪ WT2003 ▪ FL17-581 ▪ 7950472301LHT ▪ 2210F5414
T02-2004	RH				▪ 41506 ▪ WT2003 ▪ FL17-581 ▪ 7950472301RHT ▪ 2210F5414
C11-0201C-589LH	LH	584mm 23"	57mm 2-¼"	▪ Fuwa K Hitch: KF22 & KF29 Drum Brake Axle ▪ OAL = 589mm	
C11-0201C-589RH	RH				

OAL - OVERALL LENGTH

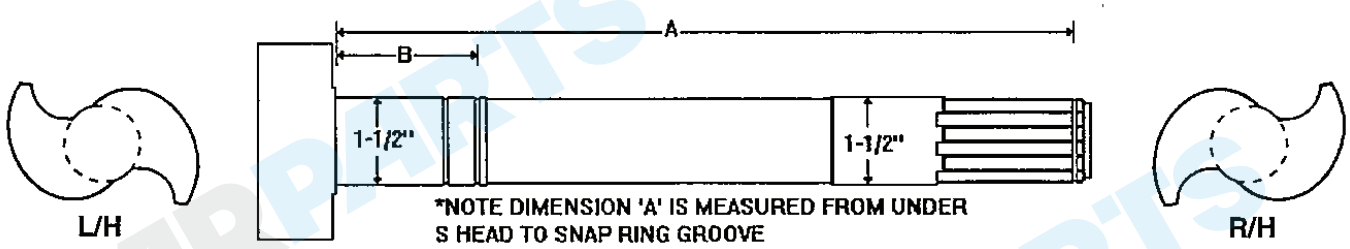
S—CAM
10 SPLINE



1-½" — 1-½" (38mm — 38mm) DIAMETER x 10 SPLINE					
PART NO.	LH RH	DIMENSION A	DIMENSION B	APPLICATION / COMMENTS	REPLACES
T02-2061	LH	595mm 23-7/16"	56mm 2-7/32"	Fuwa K Hitch 1820 Track Axle G.P. Trailer Axle with Airbag Suspension	41522 FL17-575 2210X3118 WT2003F B1116
T02-2062	RH				41523 FL17-574 2210W3117 WT2004F B1116R
C11-0201C-604LH	LH	599mm 23-19/32"	57mm 2-¼"	Fuwa K Hitch: KF12 Drum, KF22 & KF29 Drum OAL = 604mm	
C11-0201C-604RH	RH				
T02-2067	LH	610mm 24"	56mm 2-7/32"	KIC-Sudisa 11T G.P. Trailer Axle with Airbag Suspension	41524 FL17-587 B1118L
T02-2068	RH				41525 FL17-586 B1118R
2262026902	LH	616mm 24-¼"	54mm 2-⅛"	SAF-Holland J-SERIES	WT2360
2262027002	RH				WT2361
T02-2059	LH	619mm 24-⅜"	56mm 2-7/32"	York 2682, 2782, 2784, 2800 Trailer Axles with Airbag Suspension Note: PACCAR Part has one circlip groove on spline end. York & K Hitch versions have a circlip groove either side of the spline	41546 41754 FL17-589 WT2043 7950472317LHT KH3304-0517L 79.504723/17L 2210B6398
T02-2060	RH				41547 41755 FL17-588 WT2044 7950472317RHT KH3304-0517R 79.504723/17R 2210A6397
C11-0201C-627LH	LH	622mm 24-½"	57mm 2-¼"	Fuwa K Hitch: KF22 & KF29 Drum OAL = 627mm	
C11-0201C-627RH	RH				

OAL - OVERALL LENGTH

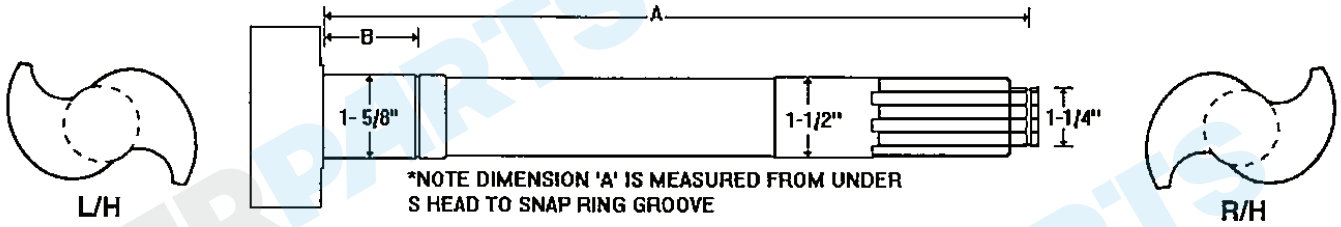
S—CAM CONTINUED
10 SPLINE



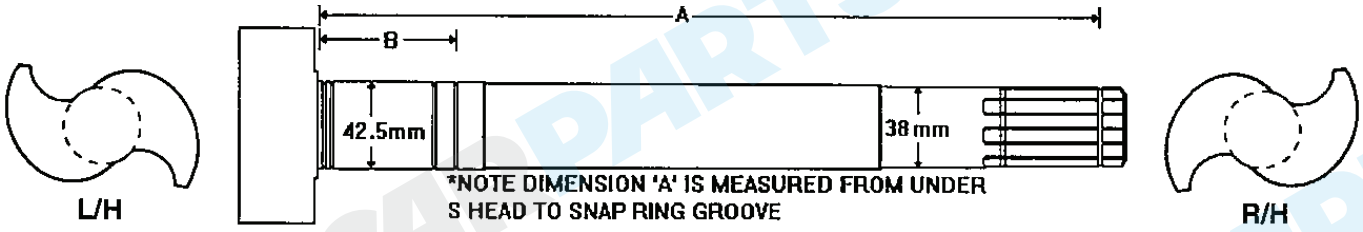
1-½" — 1-½" (38mm — 38mm) DIAMETER x 10 SPLINE — SUITS LOW LOADER & 19.5" AXLES

PART NO.	LH RH	DIMENSION A	DIMENSION B	APPLICATION / COMMENTS	REPLACES
7950781002LHT	LH	152mm 6"	-	York/Drake Low Loader (311 x 178mm Brakes)	
7950781002RHT	RH				
7950474201LHT	LH	463mm 18-7/32"	55mm 2-5/32"	York: 2783 Drum (311 x 178mm Brakes)	
7950474201RHT	RH				
7979023801LHT	LH	518mm 20-13/32"	55mm 2-5/32"	York: 2950 Drum 19.5" Axle (335 x 210mm Brakes)	
7979023801RHT	RH				
T02-2022	LH	537mm 21-1/8"	67mm 2-21/32"	12-¼" Brakes Dana Early & Late / Standard Forge	41762 WT2025 FL17-685
T02-2023	RH				41763 WT2026 FL17-684
7950474219LHT	LH	554mm 21-25/32"	55mm 2-5/32"	York: 2783 Drum (311 x 178mm Brakes)	
7950474219RHT	RH				
T02-2097	LH	597mm 23-½"	56mm 2-7/32"	12-¼" Brakes Dana/Freghter 19.5" Axle 15" x 8-⅝" Brakes	FL17-581 FB2069
T02-2098	RH				FL17-580 FB2070
7979023819LHT	LH	609mm 23-31/32"	55mm 2-5/32"	York: 2950 Drum 19.5" Axle (335 x 210mm Brakes)	
7979023819RHT	RH				

S—CAM CONTINUED
10 SPLINE



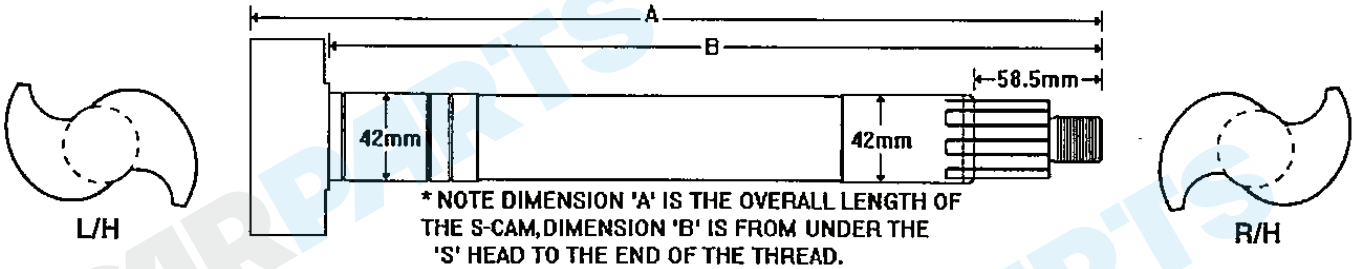
1-⅝" — 1-½" (41mm — 38mm) DIAMETER x 10 SPLINE (Stepped)						
PART NO.	LH RH	DIMENSION A	DIMENSION B	APPLICATION / COMMENTS	REPLACES	
21227114N	LH	232mm 9-5/32"	-	Fuwa K Hitch: KSS1 Self Steer Drum		
21227113N	RH					
T02-2011	LH	530mm 20-7/8"	43mm 1-11/16"	Rockwell ARN/ATN Trailer Axle Note: Cam 1-¼" Diameter at Lock Ring End	41532 FL17-633	2210W4183 WT2011
T02-2012	RH				41533 FL17-632	2210V4182 WT2012
T02-2055QP	LH	613mm 24-1/8"	46mm 1-13/16"	KIC-Sudisa 11T Axle Rockwell ARN/ATN Trailer Axle with Air Bag Suspension	T02-2055 41752	FL17-643 2210U4181
T02-2056QP	RH				T02-2056 41753	FL17-642 2210R4180
SUITS 19.5" AXLE						
C11-0602C-618LH	LH	613mm 24-1/8"	58mm 2-9/32"	Fuwa K Hitch: KF37 Drum 19.5" Axle (381 x 220mm Brakes) OAL = 618mm		
C11-0602C-618RH	RH					



42.5mm — 38mm (1-11/16" — 1-½") DIAMETER x 10 SPLINE (Stepped)						
PART NO.	LH RH	DIMENSION A	DIMENSION B	APPLICATION / COMMENTS	REPLACES	
21221071S	LH	518mm 20-13/32"	50mm 1-31/32"	R.O.R TN Metric Axle - Fabricted Brake Spider	T02-2093	21221071
21221070S	RH				T02-2094	21221070
21219257S	LH	521mm 20-½"	57mm 2-¼"	R.O.R TN Metric Axle - Cast Brake Spider	T02-2045 21202755	WT2017
21219258S	RH				T02-2046 21202754	WT2036
SUITS LOW LOADER						
KH3304-2011	LH	600mm 23-5/8"	58mm 2-9/32"	Fuwa K Hitch: KK44 Drum Low loader (311 x 190mm Brakes) OAL = 605mm		
KH3304-2012	RH					

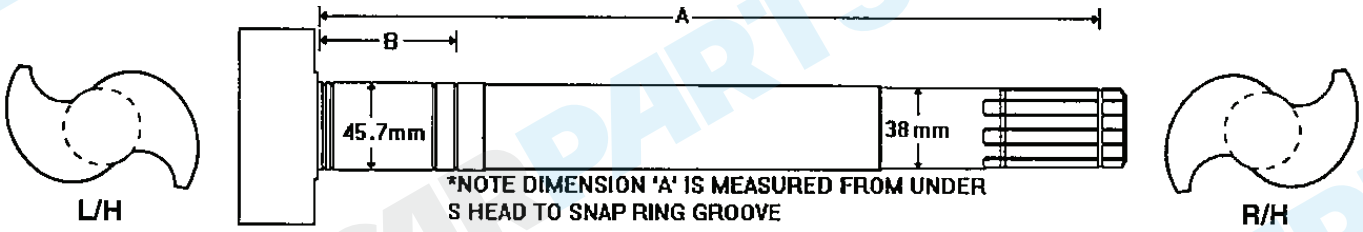
OAL - OVERALL LENGTH

S—CAM CONTINUED
10 SPLINE



42mm — 42mm (1-21/32" — 1-21/32") DIAMETER x 10 SPLINE (BPW Axle)

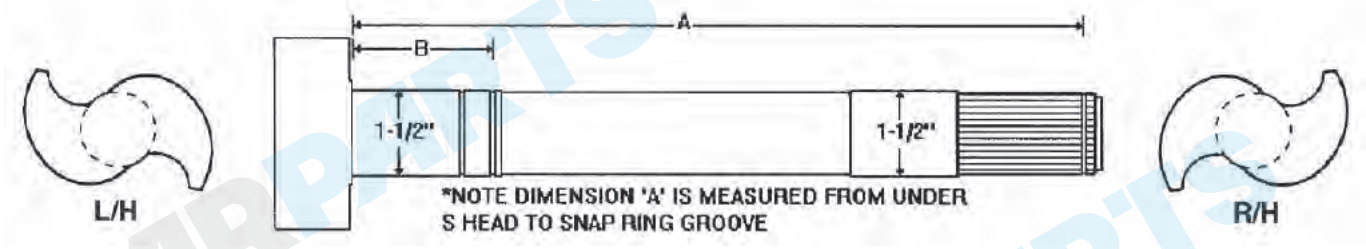
PART NO.	LH RH	DIMENSION A	DIMENSION B	APPLICATION / COMMENTS	REPLACES
0509705174	LH	585mm 23-1/32"	551mm 21-11/16"	BPW Old Generation Axle	T02-2031, WT2015, 0509705171, 0509705170, FL17-6651A
0509705184	RH				T02-2032, WT2016, 0509705181, 0509705180, FL17-6652A
0509705234	LH	638mm 25-1/8"	604mm 23-25/32"	BPW New Generation Axle & Light Weight 9000 Series Axle (to 1994) Excluding Airbag Suspension	T02-2051, WT2023, 0509705231, FL17-6653A
0509705244	RH				T02-2052, WT2024, 0509705241, FL17-6654A
0509705254	LH	663mm 26-3/32"	629mm 24-3/4"	BPW New Generation Axle, Light Weight 9000 Series Axle & KH/KR Axle (from 1994) Including Airbag Suspension	T02-2063, WT2039, 0509705251, BP7038
0509705264	RH				T02-2064, WT2040, 0509705261, BP7039



45.7mm — 38mm (1-13/16" — 1-1/2") DIAMETER x 10 SPLINE (SAF Axle)

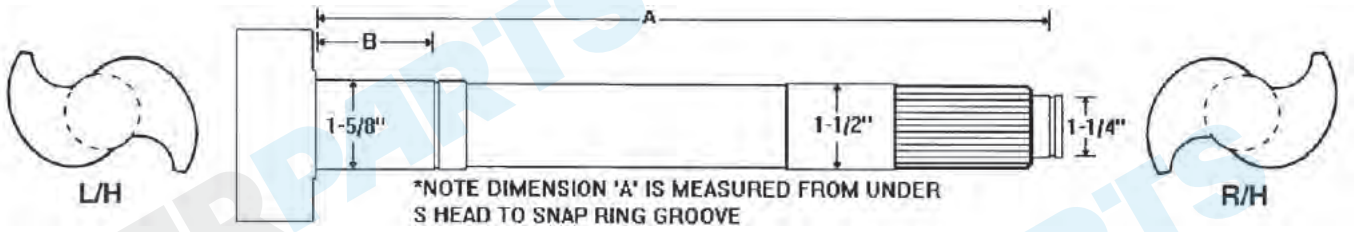
PART NO.	LH RH	DIMENSION A	DIMENSION B	APPLICATION / COMMENTS	REPLACES
2262110902	LH	607mm 23-29/32"	50mm 1-31/32"	SAF-Holland Z9-3720-Dual Wheels Overall Length 669mm	WT2349
2262110802	RH				WT2348
2262111502	LH	637mm 25-3/32"	50mm 1-31/32"	SAF-Holland Z9-4218 NG Axle Overall Length 698 mm	WT2362
2262111402	RH				WT2363

S—CAM
28 SPLINE



1-½" — 1-½" (38mm — 38mm) DIAMETER x 28 SPLINE					
PART NO.	LH RH	DIMENSION A	DIMENSION B	APPLICATION / COMMENTS	REPLACES
2210P7452	LH	237mm 9-5/16"	45mm 1-25/32"	Meritor Steer Axles	2210Q5373S
2210Q7453	RH				2210P5944S
S-24636-1L	LH	280mm 11-1/32"	59mm 2-5/16"	Hendrickson Intraax - 16.5" Brakes with HXS 'S' Cam Profile Also available in Severe Duty Cam & Tube Kit 98881-025. Refer to Cam Tube product section for details	
S-24636-1R	RH				
S-25024-1L	LH	280mm 11-1/32"	64mm 2-½"	Hendrickson Intraax - 15" Brakes with HXS 'S' Cam Profile Also available in Severe Duty Cam & Tube Kit 98881-026. Refer to Cam Tube product section for details.	
S-25024-1R	RH				
2210W7537FW	LH	294mm 11-9/16"	45mm 1-25/32"	Meritor Drive Axles Meritor Genuine	2210A5331 2210A5331SW
2210V7536FW	RH				2210B5332 2210B5332SW
T02-2047	LH	292mm 11-½"	46mm 1-13/16"	Meritor Drive Axles Aftermarket Alternative	41760 WT2021 FL18-739 2210W7537FW
T02-2048	RH				41761 WT2022 FL18-738 2210V7536FW
T02-2095	LH	360mm 14-3/16"	46mm 1-13/16"	Meritor Drive Axles	41264 2210J7628 FL17-577 WT2041 2210S2489
T02-2096	RH				41265 FL17-576 2210H7626 2210R2488 WT2042
2210Q7661	LH	380mm 14-15/16"	45mm 1-25/32"	Meritor Drive Axles	
2210P7660	RH				
2210A7671	LH	386mm 15-3/16"	45mm 1-25/32"	Meritor Drive Axles	2210K5783
2210Z7670	RH				2210L5784
2210W7719	LH	421mm 16-9/16"	45mm 1-25/32"	Meritor Drive Axles	2210M5447
2210V7718	RH				2210N5448

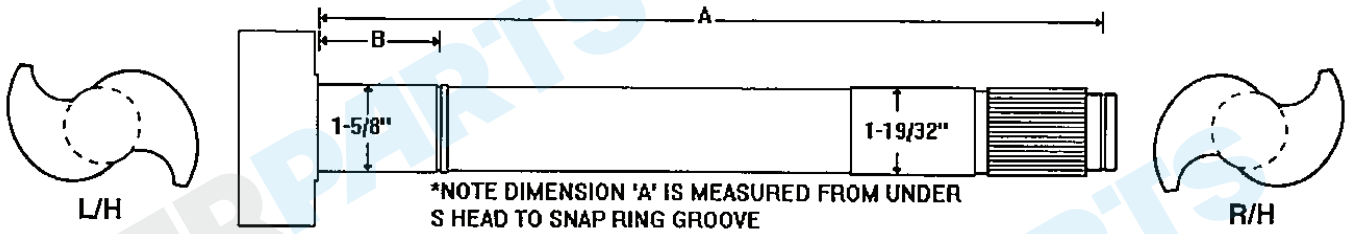
S—CAM
28 SPLINE



1-⅝" — 1-½" (41mm — 38mm) DIAMETER x 28 SPLINE (Stepped)					
PART NO.	LH RH	DIMENSION A	DIMENSION B	APPLICATION / COMMENTS	REPLACES
T02-2043	LH	519mm 20-7/16"	44mm 1-23/32"	Rockwell 4000/6000 Trailer Axle Can use this in place of a 1-½" non stepped camshaft if used in conjunction with bush T02-3147S (It has a 2" O.D.)	41526 2210R4334 FL17-629 WT2027
T02-2044	RH				41527 2210Q4333 FL17-628 WT2028
T02-2071	LH	519mm 20-7/16"	53mm 2-5/64"	Rockwell/Meritor TN & TQ Trailer Axle	2210G6871 FB2079
T02-2072	RH				2210E6870 FB2078
S-30594-11L	LH	545mm 21-7/16"	59mm 2-11/32"	Hendrickson Drop Axle	001886-L215
S-30594-11R	RH				001886-R215
T02-2069	LH	611mm 24-1/16"	53mm 2-5/64"	Rockwell/Meritor TN & TQ Trailer Axle	2210E6869 FB2079
T02-2070	RH				2210E6868 FB2080

1-⅝" — 1-½" (41mm — 38mm) DIAMETER x 28 SPLINE (Stepped, Small Head)					
PART NO.	LH RH	DIMENSION A	DIMENSION B	APPLICATION / COMMENTS	REPLACES
2210-D-6166	LH	518mm 20-3/8"	44mm 1-¾"	Rockwell TN Axle 'Q' Brake 12-¼" x 7-½" Brakes 15" Trailer Axle	T02-2065 FL17-701 41510 2210D6166
2210-C-6165	RH				T02-2066 FL17-700 41511 2210C6165

S—CAM
37 SPLINE



1-⅝" — 1-⅝" (41mm — 41mm) DIAMETER x 37 SPLINE						
PART NO.	LH RH	DIMENSION A	DIMENSION B	APPLICATION / COMMENTS	REPLACES	
T02-2007	LH	410mm 16-⅛"	55mm 2-⁵⁄₃₂"	Fruehauf Propar - Short	41528 FL17-621	AXA0420-1 WT2007
T02-2008	RH				41529 FL17-620	AXA0420-2 WT2008
T02-2001	LH	537mm 21-⁵⁄₃₂"	55mm 2-⁵⁄₃₂"	Fuwa K Hitch: KF61, KF75 & KF85 Drum Fruehauf Propar - Standard OAL = 543mm	41512 FL17-623 WT2001	C11-0101C-543LH AXA0420-3
T02-2002	RH				41513 FL17-622 WT2002	C11-0101C-543RH AXA0420-4
T02-2024	LH	606mm 23-⅞"	55mm 2-⁵⁄₃₂"	Fuwa K Hitch: KF21 HD, KF61, KF75 & KF85 Drum Fruehauf Propar with Airbag Suspension OAL = 613mm	51095 WT2085 KH800125	C11-0101C-613LH AXA04205 FL17-617
T02-2025	RH				51096 WT2086 KH800126	C11-0101C-613RH AXA04206 FL17-616

OAL - OVERALL LENGTH

S—CAM TUBES & HARDWARE
TUBES

BPW AXLE CAM TUBES



Part No.	Application	Overall Length	O.D. Centre	O.D. Ends	I.D. Ends
0509251261	S Cam Tube to Suit 0509705254 & 0509705264 Comes with O-Ring	532mm 20-15/16"	49mm 1-29/32"	46mm / 49mm 1-13/16" / 1-29/32"	42mm 1-21/32"

FUWA K HITCH AXLE CAM TUBES



Part No.	Application	Overall Length	O.D. Ends	I.D. Ends
C30-0201-589	KF22 & KF29 Drum Note: Also Available as Part of Kit C30-0201-589K	476mm 18-23/32"		38mm 1-½"
C30-0201-604	KF12 Drum - KF22 & KF29 Drum Note: Also Available as Part of Kit C30-0201-604K	491mm 19-5/16"		
C30-0201-627	KF22 & KF9 Drum Note: Also Available as Part of Kit C30-0201-627K	514mm 20-7/32"		
C30-0102-543	KF61 Drum - KF75 Drum - KF85 Drum (New Style)	430mm 16-29/32"		41mm 1-5/8"
C30-0101-613	KF21 HD Drum Note: Also Available as Part of Kit C30-0101-613K	500mm 19-21/32"	Tube Dia 50.75mm (2") 55mm (2-5/32") Dia @ Spider	
C30-0102-613	KF21 HD Drum - KF61 Drum - KF75 Drum - KF85 Drum (Old Style) Note: Also Available as Part of Kit C30-0102-613K	500mm 19-21/32"		

O.D. - OUTSIDE DIAMETER I.D. - INSIDE DIAMETER

S—CAM TUBES & HARDWARE
TUBES

YORK AXLE CAM TUBES



Part No.	Application	Overall Length	O.D. Centre	O.D. Ends	I.D. Ends
T02-2081-Y	Suits York 616mm Long Camshafts Bushes installed both ends Replaces: 79SB78852801	452mm 17-25/32"	49mm 1-15/16"	47.6mm / 49mm 1-7/8" / 1-15/16"	38mm 1-1/2"
T02-2091	Suits York 525mm Long Camshafts – 19.5 Axles Bushes installed both ends Replaces: 79SB78852819	543mm 21-11/32"	49mm 1-15/16"	47.6mm / 49mm 1-7/8" / 1-15/16"	
T02-2085	Suits York 627mm Camshafts Bushes installed both ends Use 79787590 Retainer Plate Replaces: 79SB78852817	553mm 21-3/4"	48.5mm 1-29/32"	48mm 1-7/8"	

HENDRICKSON AXLE CAM TUBES



C-31607-14



98933-011

Part No.	Application	Overall Length	O.D. Centre	O.D. Ends	I.D. Ends
C-31607-14	Loose Axle - Enclosed S-Cam - 15" Includes Seal, Bushes & Grease Fitting	529mm 20-13/16"	54mm 2-1/8"	54mm 2-1/8"	41mm & 38mm 1-5/8" & 1-1/2"
98933-011	Intraax Drum Brake - Enclosed S-Cam (Early) Includes Grease Nipple & O-Ring Note: Also Available as Part of Kits S-31706, 9881-026, S-31703, 98881-025	137mm 5-13/32"	55mm 2-5/32"	55mm 2-5/32"	38mm 1-1/2"

O.D. - OUTSIDE DIAMETER I.D. - INSIDE DIAMETER

S—CAM TUBES & HARDWARE CONTINUED
TUBES

GENERAL PURPOSE & EARLY AXLE CAM TUBES



Part No.	Application	Overall Length	O.D. Centre	O.D. Ends	I.D. Ends
T02-2081	Suits All G.P. Axles with Short S-Cams (20-⅜" Long – T02-2003 & T02-2004) Bush Installed Both Ends: T02-2033 Bush Brake Spider End T02-2034 Bush Slack Adjuster End	442mm 17-⅜"	49mm 1-29/32"	48mm 1-⅞"	38mm 1-½"
T02-2084	Suits All G.P. Axles with Long S-Cams (23-7/16" Long – T02-2061 & T02-2062) Possible Option for S-Cams (24" Long – T02-2067 & T02-2068)	525mm 20-11/16"		48mm 1-⅞"	38mm 1-½"
T02-2086	Fruehauf Pro-Par T02-2086 Used with S-Cam PN T02-2001 & T02-2002, Standard S-Cams (Tube can be Cut to suit Shorter Fruehauf S-Cam PN T02-2007 & T02-2008)	456mm 17-15/16"		51mm 2"	42mm 1-21/32"
T02-2086L	Fruehauf Pro-Par T02-2086l Used with S-Cam PN T02-2024 & T02-2025, Long S-Cams	520mm 20-15/32"		51mm 2"	42mm 1-21/32"

O.D. - OUTSIDE DIAMETER I.D. - INSIDE DIAMETER

S—CAM TUBES & HARDWARE
TUBE KITS

S-CAM TUBE KITS TO SUIT FUWA K HITCH AXLES				
Kit Part No.	**Application**	**Overall Length**	**I.D. Ends**	**O.D. Ends**
C30-0102-543K 	▌Fuwa K Hitch: - KF61 DRUM - KF75 DRUM - KF85 DRUM ▌Includes: 1 x Cam Tube 1 x Bush 1 x Mounting Plate 1 x Seal 4 x Spacers 1 x O-Ring 2 x Circlips ▌Services 1 S-Cam	430mm 16-29/32"	41mm 1-5/8"	
C30-0201-589K 	▌Fuwa K Hitch: - KF22 & KF29 Drum ▌Includes: 1 x Cam Tube 1 x Bush 1 x Mounting Plate 1 x Seal 4 x Spacers 1 x O-Ring 2 x Circlips ▌Services 1 S-Cam	476mm 18-23/32"	38mm 1-½"	
C30-0201-604K 	▌Fuwa K Hitch: - KF12 Drum - KF22 & KF29 Drum ▌Includes: 1 x Cam Tube 1 x Bush 1 x Mounting Plate 1 x Seal 4 x Spacers 1 x O-Ring 2 x Circlips ▌Services 1 S-Cam	491mm 19-5/16"	38mm 1-½"	

O.D. - OUTSIDE DIAMETER I.D. - INSIDE DIAMETER

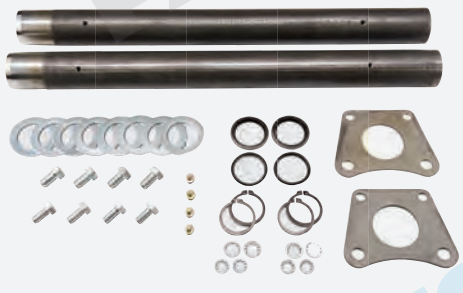
S—CAM TUBES & HARDWARE
TUBE KITS

S-CAM TUBE KITS TO SUIT FUWA K HITCH AXLES				
Kit Part No.	**Application**	**Overall Length**	**I.D. Ends**	**O.D. Ends**
C30-0101-613K 	▌Fuwa K Hitch: - KF21 HD Drum - Old Style ▌Includes: 1 x Cam Tube 1 x Bush 1 x Mounting Plate 1 x Seal 4 x Spacers 1 x O-Ring 2 x Circlips ▌Services 1 S-Cam	500mm 19-$^{21}/_{32}$"	41mm 1-$^{5}/_{8}$"	Tube Dia 50.75mm (2") 55mm (2-$^{5}/_{32}$") Dia @ Spider
C30-0102-613K 	▌Fuwa K Hitch: - KF21 HD Drum - KF61 Drum - KF75 Drum - KF85 Drum ▌Includes: 1 x Cam Tube 1 x Bush 1 x Mounting Plate 1 x Seal 4 x Spacers 1 x O-Ring 2 x Circlips ▌Services 1 S-Cam	500mm 19-$^{21}/_{32}$"	41mm 1-$^{5}/_{8}$"	
C30-0201-627K 	▌Fuwa K Hitch: - KF22 & KF29 Drum ▌Includes: 1 x Cam Tube 1 x Bush 1 x Mounting Plate 1 x Seal 4 x Spacers 1 x O-Ring 2 x Circlips ▌Services 1 S-Cam	514mm 20-$^{7}/_{32}$"	38mm 1-½"	

O.D. - OUTSIDE DIAMETER I.D. - INSIDE DIAMETER

S—CAM TUBES & HARDWARE CONTINUED
TUBE KITS

S-CAM TUBE KITS TO SUIT YORK AXLES

Kit Part No.	Application	Overall Length	I.D. Ends	O.D. Ends	O.D. Centre
7978790101 	York: - 2682/RB/2685 Outback Stud Type Drum - 2682/RB Outback Spider Drum - 2782/2784/RB/2785 Stud Type Drum - 2782/2784 RB Spider Drum - 2800 Heavy Duty Drum - 2950 Drum Includes: 2 x Cam Tube 2 x Seals 2 x Mounting Plate 2 x O-Rings 4 x Circlips 8 x Camshaft Washers 8 x Bolts 8 x Washers Services 1 Axle	452mm 17-25/32"	38mm 1-1/2"	47.6mm /49mm 1-7/8" /1-15/16"	49mm 1-15/16"
7978790117 	York: - 2682/RB/2685 Outback Stud Type Drum - 2682/RB Outback Spider Drum - 2782/2784/RB/2785 Stud Type Drum - 2782/2784 RB Spider Drum - 2800 Heavy Duty Drum Includes: 2 x Cam Tube 2 x Seals 2 x Mounting Plate 4 x Grease Nipple 2 x O-Rings 4 x Circlips 8 x Camshaft Washers 8 x Bolts 8 x Washers Services 1 Axle	553mm 21-3/4"		48mm 1-7/8"	48.5mm 1-29/32"
7978790119 	York: - 2783 Drum - 2950 Drum Includes: 2 x Cam Tube 2 x Seals 2 x Mounting Plate 4 x Grease Nipple 2 x O-Rings 4 x Circlips 8 x Camshaft Washers 8 x Bolts 8 x Washers Services 1 Axle	542.5mm 21-1/32"		47.6mm /49mm 1-7/8" /1-15/16"	49mm 1-15/16"

O.D. - OUTSIDE DIAMETER I.D. - INSIDE DIAMETER

S—CAM TUBES & HARDWARE CONTINUED
TUBE KITS

S-CAM TUBE KITS TO SUIT HENDRICKSON AXLES					
Kit Part No.	**Application**	**Overall Length**	**I.D. Ends**	**O.D. Ends**	**O.D. Centre**
S-31703 	▌Hendrickson: - Intraax Drum Brake Enclosed S-Cam (Early) 16.5" Severe Duty ▌Includes: 1 x Cam Tube 2 x Mounting Plate 2 x Circlips 5 x Camshaft Washers 1 x Cam Head Washer 1 x Dust Boot 4 x Bolts 4 x Nuts ▌Services 1 S-Cam	137mm 5-13/32"	38mm 1-½"	55mm 2-5/32"	55mm 2-5/32"
S-31706 	▌Hendrickson: - Intraax Drum Brake Enclosed S-Cam (Early) 15" Severe Duty ▌Includes: 1 x Cam Tube 2 x Mounting Plate 2 x Circlips 5 x Camshaft Washers 1 x Cam Head Washer 1 x Dust Boot 4 x Bolts 4 x Nuts ▌Services 1 S-Cam	137mm 5-13/32"	38mm 1-½"	55mm 2-5/32"	55mm 2-5/32"

O.D. - OUTSIDE DIAMETER I.D. - INSIDE DIAMETER

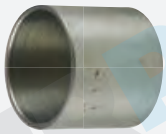
S—CAM TUBES & HARDWARE CONTINUED
TUBE KITS

S-CAM TUBE KITS TO SUIT HENDRICKSON AXLES

Kit Part No.	Application	Overall Length	I.D. Ends	O.D. Ends	O.D. Centre
98881-025 	Hendrickson: - Intraax Drum Brake Enclosed S-Cam (Early) 16.5" Severe Duty Cam + Tube Includes: 2 x S-Cam (S-24636-1R & S-24636-1L) 2 x Cam Tube 4 x Mounting Plate 4 x Circlips 10 x Camshaft Washers 2 x Cam Head Washer 2 x Dust Boot 8 x Bolts 8 x Nuts Includes 98881-023(LH) & 98881-024(RH) Services 1 Axle	137mm 5-13/32"	38mm 1-½"	55mm 2-5/32"	55mm 2-5/32"
98881-026 	Hendrickson: - Intraax Drum Brake Enclosed S-Cam (Early) 15" Severe Duty Cam + Tube Includes: 2 x S-Cam (S-25024-1R & S-25024-1L) 2 x Cam Tube 4 x Mounting Plate 4 x Circlips 10 x Camshaft Washers 2 x Cam Head Washer 2 x Dust Boot 8 x Bolts 8 x Nuts Includes both 98881-027(LH) & 98881-028(RH) Services 1 Axle	137mm 5-13/32"		55mm 2-5/32"	55mm 2-5/32"
98111-140 	Hendrickson: - Loose Axle Enclosed S-Cam - 16.5" This kit can be used when converting non-enclosed cam axles to fully enclosed. It may also be used if two new cam tubes are required Includes: 2 x Cam Tube 2 x Seals 2 x Mounting Plate 2 x Grease Nipple 8 x Bolts 8 x Washers Services 1 Axle	525mm 20-21/32"		51mm 2"	51mm 2"

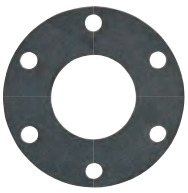
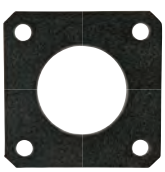
O.D. - OUTSIDE DIAMETER I.D. - INSIDE DIAMETER

S—CAM TUBES & HARDWARE
TUBE BUSHES

Part No.	Application	O.D.	I.D.	Length	Material
T02-2034 	To suit most GP S-Cam Tubes using 1-½" Straight S-Cams	41mm 1-⅝"	38mm 1-½"	38mm 1-½"	Steel
BP2055B 	To suit Genuine Freighter Ingersoll (IMT) S-Cam Tube Replaces: T02-2035	43mm 1-$^{11}/_{16}$"	38mm 1-½"	38mm 1-½"	Steel
N0503000100A 	Fuwa K Hitch: - KSS1 Self Steer Drum	48mm 1-⅞"	38mm 1-½"	50mm 2"	Bronze

O.D. - OUTSIDE DIAMETER I.D. - INSIDE DIAMETER

S—CAM TUBES & HARDWARE
RETAINER PLATES

Part No.		Application	I.D.	Size	Thickness
E-4739		▪ Universal mounting plates for most G.P. tube applications ▪ Dana Spicer: - Late/Standard Forge - D21/22, K21/22 ▪ Freighter Ingersoll (IMT) ▪ Replaces: T02-2088, T02-2088HD	48mm 1-⅞″	102mm 4″ Square	5mm 3⁄16″
79787590		▪ York Axles: Used with S-Cam Tube T02-2085 ▪ Replaces: T02-2089	51mm 2″	125 x 95mm 4-15⁄16″ x 3-¾″	4mm 5⁄32″
T02-2090		▪ Fruehauf: - Pro-par Axle 16-½″ x 7″ Brakes to be used with S' Cam Tube T02-2086	51mm 2″	135 x 121mm 5-¼″ x 4-13⁄16″	6mm 7⁄32″
0509PLATE		▪ BPW Axle ▪ S Cam Tube Plate to suit T02-2063 & T02-2064	50mm 1-31⁄32″	110mm 4-11⁄32″ Diameter	5mm 3⁄16″
C33-0101		▪ Fuwa K-Hitch: - KF21 HD Drum - KF61 Drum - KF75 Drum - KF85 Drum	52mm 2-1⁄32″	92 x 92mm 3-⅝″ x 3-⅝″	6mm ¼″
C33-0201		▪ Fuwa K-Hitch: - KF12 Drum - KF22 & KF29 Drum	49mm 1-29⁄32″	86 x 86mm 3-⅜″ x 3-⅜″	6mm ¼″

I.D. - INSIDE DIAMETER

S—CAM HARDWARE KITS
BUSH KITS

BUSH KIT TO SUIT BPW AXLES

Kit Part No.

0509700K1T

- BPW:
  - 9000 Lightweight Axle
  - KH/KR Axle
  - New Generation
  - Old Generation
- Kit Services 1 Axle
- Replaces: T02-2310

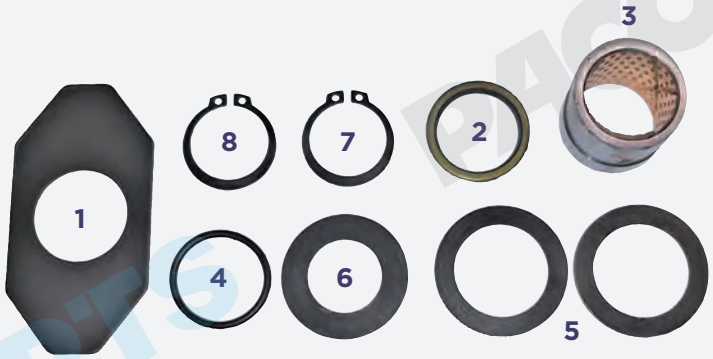
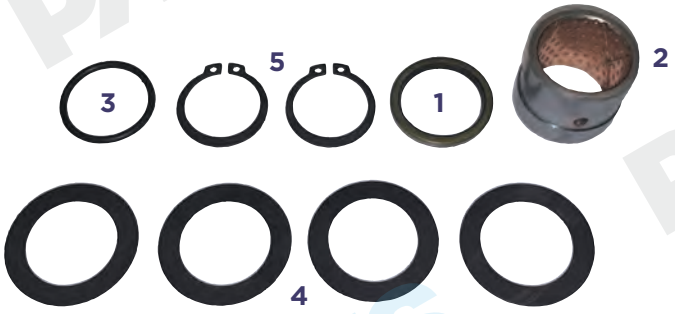


Item	Part No.	Description	Qty
1	0311244340	Bush - Outer Bronze	2
2	NSS	Cap - Grease Nipple	4
3	NSS	Grease Nipple	4
4	0311314040	Bush - Inner Steel	2
5	0322902180	Support Bracket	2
6	0322902190	Support Bracket	2
7	0256760100	Circlip - suits 42mm Shaft	4
8	0331012240	Flanged Washer	2
9	0331081020	Plastic Ring	2
10	0256792300	O' Ring - Green	2
11	0312042020	Seal - Black Nylon	2
12	0256160590	Snap Ring	2
13	0332011161	Disc Washer	2
14	0526014120	Lock Nut - M22 x 1.5	2
15	0312043190	Dust Boot - 41mm ID	2
16	0335030020	Clamp - Dust Boot	2
17	0312042080	Dust Boot - 45mm ID	2
18	0312042090	Dust Boot - 42mm ID	2
19	0311303060	Steel Bush	2

NSS - NOT SOLD SEPARATELY

S—CAM HARDWARE KITS
BUSH KITS

BUSH KIT TO SUIT FUWA K HITCH AXLES

Kit Part No.	Item	Part No.	Description	Qty
C13-0101K ▌Fuwa K Hitch: - KF21 Drum (Old Style) ▌Kit Services 1 S-Cam 	1	C12-0101	Washer, Camshaft Spacer	1
	2	KH800161	Seal, Camshaft Outer	1
	3	C13-0101	Camshaft Bush (Spider)	1
	4	C24-0101	O-Ring, Cam Tube Inner	1
	5	C15-0101	Washer, Camshaft Spacer	2
	6	C15-0102	Washer, Slack Adjuster	1
	7	C16-0401	Circlip, Camshaft Inner	1
	8	C16-0101	Circlip, Slack Adjuster	1
C13-0201K ▌Fuwa K Hitch: - KF22 & KF29 Drum ▌Kit Services 1 S-Cam 	1	C14-0201	Seal, Spider Bush	1
	2	C13-0201	Camshaft Bush (Spider)	1
	3	C24-0401	O-Ring, Cam Tube Inner	1
	4	C15-0102	Washer, Camshaft Spacer	4
	5	C16-0501	Circlip, Camshaft Inner	2

S—CAM HARDWARE KITS CONTINUED
BUSH KITS

BUSH KIT TO SUIT FUWA K HITCH AXLES

Kit Part No.

C13-0301K

- Fuwa K Hitch:
  - KF21 Drum
  - KF61 Drum
  - KF75 Drum
  - KF85 Drum

- Kit Services 1 S-Cam



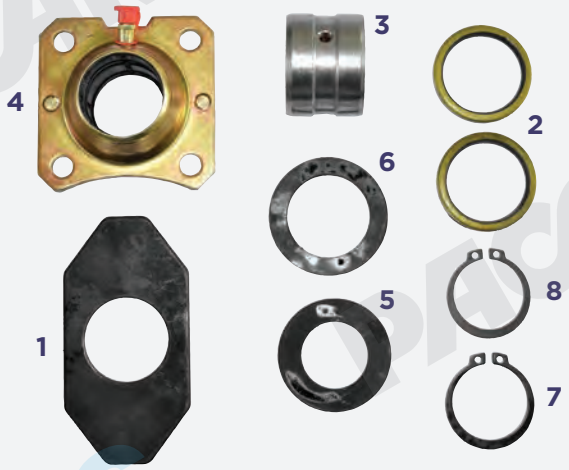
Item	Part No.	Description	Qty
1	C12-0101	Washer, Camshaft Spacer	1
2	C14-0301	Seal, Camshaft Outer	1
3	C13-0301	Camshaft Bush (Spider)	1
4	C24-0101	O-Ring, Cam Tube Inner	1
5	C15-0101	Washer, Camshaft Spacer	2
6	C15-0102	Washer, Slack Adjuster	1
7	C16-0401	Circlip, Camshaft Inner	1
8	C16-0101	Circlip, Slack Adjuster	1

S—CAM HARDWARE KITS CONTINUED
BUSH KITS

BUSH KIT TO SUIT FUWA K HITCH AXLES

KF37CBK1T

- Fuwa K Hitch:
  - KF37 Drum
- Kit Services 1 S-Cam



Kit Part No.	Item	Part No.	Description	Qty
KF37CBK1T	1	C12-0102	Washer, Camshaft Spacer	1
	2	C14-0301	Seal, Camshaft	2
	3	C13-0301	Camshaft Bush (Spider)	1
	4	C20-0201	Bearing Assembly – Camshaft	1
	5	C15-0102	Washer, Camshaft Spacer	1
	6	C15-0101	Washer, Camshaft Spacer	1
	7	C16-0201	Circlip, Camshaft Inner	1
	8	C16-0501	Circlip, Camshaft	1

KK44CBK1T

- Fuwa K Hitch:
  - KK44 Drum
- Kit Services 1 S-Cam



Kit Part No.	Item	Part No.	Description	Qty
KK44CBK1T	1	C12-0301	Washer, Camshaft Spacer	1
	2	C24-0501	Seal, Camshaft Outer	2
	3	C13-0401	Camshaft Bush (Spider)	1
	4	C20-0201	Bearing Assembly - Camshaft	1
	5	C15-0102	Washer, Slack Adjuster (Thin)	1
	6	C15-0108	Washer, Slack Adjuster (Thick)	1
	7	C15-0103	Washer, Camshaft Spacer	1
	8	C16-0401	Circlip, Camshaft Inner	1
	9	C16-0601	Circlip, Slack Adjuster	1

S—CAM HARDWARE KITS CONTINUED
BUSH KITS

BUSH KIT TO SUIT HENDRICKSON AXLES

Kit Part No.	Item	Part No.	Description	Qty
002573 ▌Hendrickson: - Drop Axle S-Cam ▌Suits Support Bearing with Anchor Stud Slot ▌Kit Services 1 Axle 	1	NSS	Support Bearing	2
	2		Bush - Outer	2
	3		Bolt - Support Bearing	8
	4		Nut - Support Bearing	8
	5	B-30593	Seals - S-Cam	4
	6	NSS	Circlips - Assorted	6
	7		Washers - Underhead	2
	8		Washers - Shims	10
S-31964 ▌Hendrickson: - Loose Axle Non-Enclosed S-Cam ▌Suits Support Bearing without Anchor Stud Slot ▌Kit Services 1 Axle 	1	NSS	Support Bearing	2
	2		Bush - Outer	2
	3		Bolt - Support Bearing	8
	4		Nut - Support Bearing	8
	5	B-30593	Seals - S-Cam	4
	6	NSS	Circlips - Assorted	6
	7	C-32017	Washers - Underhead	2
	8	NSS	Washers - Shims	18

NSS - NOT SOLD SEPARATELY

S—CAM HARDWARE KITS CONTINUED
BUSH KITS

BUSH KIT TO SUIT MERITOR AXLES

T02-2300-AU

- Meritor/Rockwell:
  - RN/TN Axle
- Kit Services 1 Axle



Item	Part No.	Description	Qty
1	1229Z1118	Circlip - suits 1-½" Shaft	4
2	T02-2104	Bush - Outer	2
3	T02-3006	Bush - Inner	2
4	79500375	O' Ring	4
5	T02-3102	Washer - suits 1-½" Shaft x 1/16" Thick	8
6	T02-3122	Seal - Outer Bush	4

T02-2303-AU

- Meritor/Rockwell:
  - ARN/ATN Axle
  - TN Axle
- Note:
  For single type spider bush use kit T02-2322
- Kit Services 1 Axle



Item	Part No.	Description	Qty
1	T02-3006	Bush - Inner	2
2	79500375	O' Ring	4
3	T02-3100	Circlip - suits 1-5/8" Shaft	2
4	T02-3117	Washer - suits 1-5/8" Shaft x 1/32" Thick	4
5	T02-3118	Seal - Outer Bush	2
6	T02-3119	Bush - Outer	2
7	T02-3120	Bush - Outer	2
8	T02-3121	Seal - Outer Bush	2
9	T02-3203	Washer - suits 1-¼" Shaft x 1/32" Thick	2
10	1229X1116	Circlip - suits 1-¼" Shaft	2
11	T02-3102	Washer - suits 1-½" Shaft x 1/16" Thick	2

S—CAM HARDWARE KITS CONTINUED
BUSH KITS

BUSH KIT TO SUIT MERITOR AXLES

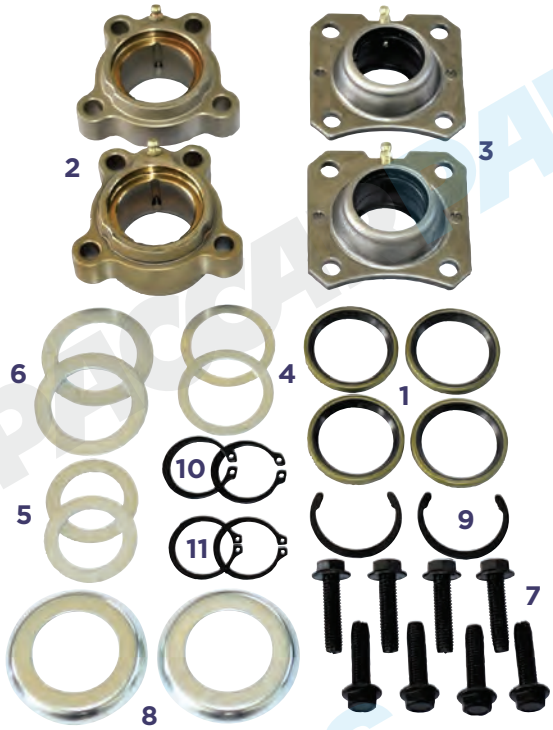
T02-2304-AU

- Meritor/Rockwell:
  - RN/TN Axle
- Kit Services 1 Axle



T02-2307

- Meritor/Rockwell:
  - TN/TQ Axle
- Kit Services 1 Axle



Kit Part No.	Item	Part No.	Description	Qty
T02-2304-AU	1	1229Z1118	Circlip - suits 1-½" Shaft x 1/16" Thick	4
	2	T02-3006	Bush - Inner	2
	3	C24-0401	O' Ring	6
	4	T02-3112	Washer - suits 1-½" Shaft x 1/16" Thick	6
	5	T02-3114	Bush - Outer	2
	6	T02-3115	Bush - Outer	2
	7	T02-3122	Seal - Outer Bush	2
T02-2307	1	T02-3118	Seal - Outer Bush	4
	2	T02-2230	Bush Kit - Inner	2
	3	T02-3005	Bracket & Bush Assembly	2
	4	T02-3102	Washer - suits 1-½" Shaft x 1/16" Thick	2
	5	T02-3203	Washer - suits 1-¼" Shaft x 1/32" Thick	2
	6	T02-3095	Washer - 2-3/8" OD x 1-5/8" ID x 3/32" Thick	2
	7	NSS	Bolts	8
	8	T02-3094	Washer - Cam Head (Cup Type)	2
	9	T02-3093	Snap Ring	2
	10	T02-3104	Circlip - suits 1-¼" Shaft x 3/32" Thick	2
	11	1229X1116	Circlip - suits 1-¼" Shaft	2

NSS - NOT SOLD SEPARATELY

S—CAM HARDWARE KITS CONTINUED
BUSH KITS

BUSH KIT TO SUIT MERITOR AXLES

T02-2312

- Meritor/Rockwell:
  - TN Metric Axle (to June 1991)
- Kit Services 1 S-Cam



Item	Part No.	Description	Qty
1	15213430	Bracket & Bush Assembly	1
2	T02-3203	Washer - suits 1-¼" Shaft x 1/32" Thick	1
3	T02-3096	D' Washer	1
4	T02-3175	O' Ring	2
5	T02-3117	Washer - suits 1-⅝" Shaft x 1/32" Thick	1
6	T02-3102	Washer - suits 1-½" Shaft x 1/16" Thick	1
7	NSS	Bush - Outer Bronze	1
8	T02-3103	Washer - suits 1-½" Shaft x 1/32" Thick	1
9	1229Z1118	Circlip - suits 1-½" Shaft	1
10	T02-3100	Circlip - suits 1-⅝" Shaft	1
11	1229X1116	Circlip - suits 1-¼" Shaft	1

T02-2313

- Meritor/Rockwell:
  - TN Metric Axle (from June 1991)
- Kit Services 1 S-Cam



Item	Part No.	Description	Qty
1	15224821	Bracket & Bush Assembly	1
2	15213430	Bracket & Bush Assembly	1
3	NSS	Dust Boot - Large	2
4		Dust Boot - Short	2
5		Cable Tie	2
6	T02-3203	Washer - suits 1-¼" Shaft x 1/32" Thick	1
7	T02-3102	Washer - suits 1-½" Shaft x 1/16" Thick	1
8	NSS	Bevel Washer	1
9	1229X1116	Circlip - suits 1-¼" Shaft	1
10	1229Z1118	Circlip - suits 1-½" Shaft	1
11	T02-7379	Return Spring - Slack Adjuster	1

NSS - NOT SOLD SEPARATELY

S—CAM HARDWARE KITS CONTINUED
BUSH KITS

BUSH KIT TO SUIT MERITOR AXLES

Kit Part No.	Item	Part No.	Description	Qty
T02-2322 ▌Meritor/Rockwell: - ARN/ATN Axle - TN Axle ▌Contains Circlips for Camshafts with narrow or wide grooves ▌For two-piece spider bush, use kit T02-2303-AU ▌Kit Services 1 Axle 	1	T02-3151	Bush - Outer	2
	2	T02-3117	Washer - suits 1-⅝" Shaft x 1/32" Thick	4
	3	T02-3118	Seal - Outer Bush	4
	4	T02-3100	Circlip - suits 1-⅝" Shaft	2
	5	T02-3112	Washer - suits 1-½" Shaft x 1/16" Thick	2
	6	T02-3005	Bracket & Bush Assembly	2
	7	T02-3203	Washer - suits 1-¼" Shaft x 1/32" Thick	2
	8	1229X1116	Circlip - suits 1-¼" Shaft	2
	9	T02-3104	Circlip - suits 1-¼" Shaft x 3/32" Thick	2
K1T9078 ▌Meritor Drive Axles ▌Kit Services 1 Axle ▌Replaces: T02-2306 	1	T02-3149	Bush	4
	2	T02-3141	Seal	4
	3	T02-3101	D' Washer	2
	4	T02-3102	Washer - suits 1-½" Shaft x 1/16" Thick	2
	5	T02-3103	Washer - suits 1-½" Shaft x 1/32" Thick	2
	6	1229Z1118	Circlip - suits 1-½" Shaft	2

NSS - NOT SOLD SEPARATELY

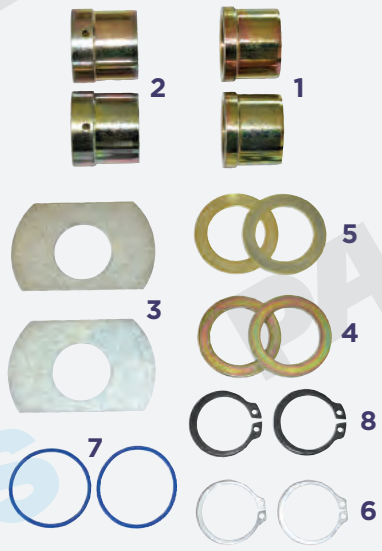
S—CAM HARDWARE KITS CONTINUED
BUSH KITS

BUSH KIT TO SUIT MERITOR AXLES

Kit Part No.

T02-2306HD-AU

- Meritor Drive Axles
- Contains Circlips for Camshafts with narrow or wide grooves
- Kit Services 1 Axle
- OE PN: K1T8042 / K1T8042SB (Bronze Bush)



Item	Part No.	Description	Qty
1	T02-2209-5	Bush (Steel)	2
2	T02-2119-5	Bush (Steel)	2
3	T02-3101	D' Washer	2
4	T02-3102	Washer - suits 1-½" Shaft x 1/16" Thick	2
5	T02-3103	Washer - suits 1-½" Shaft x 1/32" Thick	2
6	1229Z1118	Circlip - suits 1-½" shaft	2
7	1205G761	Gasket	2
8	T02-3222	Circlip - suits 1-½" Shaft x 3/32" Thick	2

BUSH KIT TO SUIT DANA SPICER AXLES

Kit Part No.

T02-2316

- Dana Spicer:
  - D21/22, K21/22
- Freighter Ingersoll (IMT)
- Kit Services 1 Axle



Item	Part No.	Description	Qty
1	T02-3122	Seal - Outer Bush	4
2	T02-3123	Washer - suits 1-½" Shaft x 1/8" Thick	2
3	T02-2104	Bush - Outer	2
4	T02-2107	Bush - Inner	2
5	1229Z1118	Circlip - suits 1-½" Shaft	4
6	1090424	Washer - suits 1-½" Shaft x 3/32" Thick	2
7	T02-3102	Washer - suits 1-½" Shaft x 1/16" Thick	2
8	T02-3104	Circlip - suits 1-¼" Shaft x 3/32" Thick	2
9	1229X1116	Circlip - suits 1-¼" Shaft	2
10	T02-3203	Washer - suits 1-¼" Shaft x 1/32" Thick	4

S—CAM HARDWARE KITS CONTINUED
BUSH KITS

BUSH KIT TO SUIT DANA SPICER AXLES

T02-2317

- Dana Spicer:
  - Late/Standard Forge
- Contains Circlips & Washers for both 1-½" & 1-¼" Camshafts
- Kit Services 1 Axle



T02-2319

- Dana Spicer:
  - D21/22, K21/22
  - Early/Standard Forge
- Kit Services 1 Axle



Kit Part No.	Item	Part No.	Description	Qty
T02-2317	1	T02-3102	Washer - suits 1-½" Shaft x 1/16" Thick	2
	2	T02-3103	Washer - suits 1-½" Shaft x 1/32" Thick	2
	3	T02-3122	Seal - Outer Bush	4
	4	T02-3099	D' Washer	2
	5	1229Z1118	Circlip - suits 1-½" Shaft	4
	6	T02-2104	Bush - Outer	2
	7	T02-2107	Bush - Inner	2
	8	1090424	Washer - suits 1-½" Shaft x 3/32" Thick	2
	9	NSS	Washer - suits 1-¼" Shaft x 1/16" Thick	2
	10	1229X1116	Circlip - suits 1-¼" Shaft	2
T02-2319	1	E-807	Bush - Outer Bronze	2
	2	T02-3122	Seal - Outer Bush	4
	3	T02-3101	D' Washer	2
	4	T02-3123	Washer - suits 1-½" Shaft x 1/8" Thick	2
	5	T02-3102	Washer - suits 1-½" Shaft x 1/16" Thick	2
	6	1229Z1118	Circlip - suits 1-½" Shaft	4
	7	T02-2218	Bush - Inner	2
	8	NSS	O' Ring	4
	9	T02-3104	Circlip - suits 1-¼" Shaft x 3/32" Thick	2

NSS - NOT SOLD SEPARATELY

S—CAM HARDWARE KITS CONTINUED
BUSH KITS

BUSH KIT TO SUIT FREIGHTER AXLES

T02-2302

- Freighter MK-V
- GP/Haulmark/McGrath/Rockwell

- Note:
  Contains Circlips for Camshafts with Narrow or Wide Grooves
- Kit Services 1 Axle



Item	Part No.	Description	Qty
1	T02-2201	Bush - Outer (White)	2
2	T02-2202	Bush - Outer (Yellow)	2
3	79500362	Bush - Inner	2
4	T02-3102	Washer - suits 1-½" Shaft x 1/16" Thick	4
5	T02-3103	Washer - suits 1-½" Shaft x 1/32" Thick	2
6	T02-3101	'D' Washer	2
7	1229Z1118	Circlip - suits 1-½" Shaft x 1/16" Thick	4
8	T02-3222	Circlip - suits 1-½" Shaft x 3/32" Thick	2

T02-2301-AU

- Fruehauf Pro-par

- Kit Services 1 Axle



Item	Part No.	Description	Qty
1	1229Z1118	Circlip - suits 1-½" Shaft	2
2	T02-2102	Bush - Inner	2
3	T02-2203	Bush - Outer (2 piece)	4
4	T02-3100	Circlip - suits 1-5/8" Shaft	2
5	T02-3102	Washer - suits 1-½" Shaft x 1/16" Thick	2
6	T02-3106	Washer - suits 1-5/8" Shaft x 1/16" Thick	6

S—CAM HARDWARE KITS CONTINUED
BUSH KITS

BUSH KIT TO SUIT FRUEHAUF AXLES

Kit Part No. T02-2323

- Fruehauf Pro-par
- Suits late type Inner Cam Bush
- Kit Services 1 Axle



Item	Part No.	Description	Qty
1	1229Z1118	Circlip - suits 1-½" Shaft	2
2	T02-2103	Bush - Inner	2
3	T02-2203	Bush - Outer (2 piece)	4
4	T02-3100	Circlip - suits 1-⅝" Shaft	2
5	T02-3102	Washer - suits 1-½" Shaft x 1/16" Thick	2
6	T02-3106	Washer - suits 1-⅝" Shaft x 1/16" Thick	6
7	1229X1116	Circlip - suits 1-¼" Shaft	2

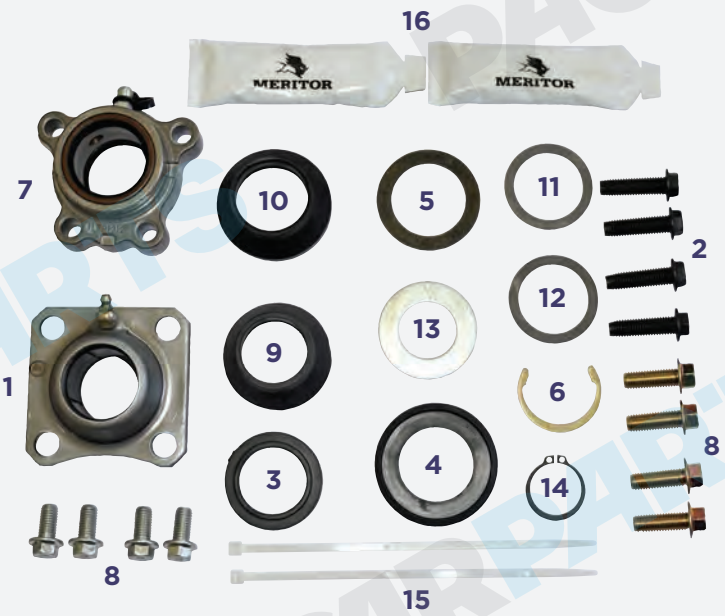
S—CAM HARDWARE KITS CONTINUED
BUSH KITS

BUSH KIT TO SUIT FRUEHAUF AXLES

Kit Part No.

AXL140

- Meritor/Rockwell:
  - TM Metric Axle
- Kit Services 1 S-Cam



Item	Part No.	Description	Qty
1	15213430	Spline End Bearing Assembly	1
2	NSS	Screw, Cam Head Bearing	4
3		Washer Seal, Cam End	1
4		Boot, Cam End	1
5		Washer, Cam End	1
6		Snap Ring, Cam End	1
7		Cam Head Bearing Assembly	1
8		Screw, Spline End Bearing, Long/Short	8
9		Inner Boot, Spline End	1
10		Outer Boot, Spline End	1
11		Washer, Spacing, Thick	1
12		Washer, Spacing, Thin	1
13		Retaining Washer	1
14		Circlip	1
15		Cable Tie	2
16		High Performance Grease, Sachet	2

NSS - NOT SOLD SEPARATELY

S—CAM HARDWARE KITS
WASHER & CLIP KITS

0980108850

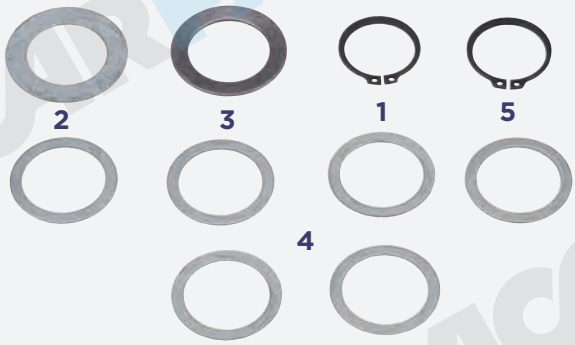
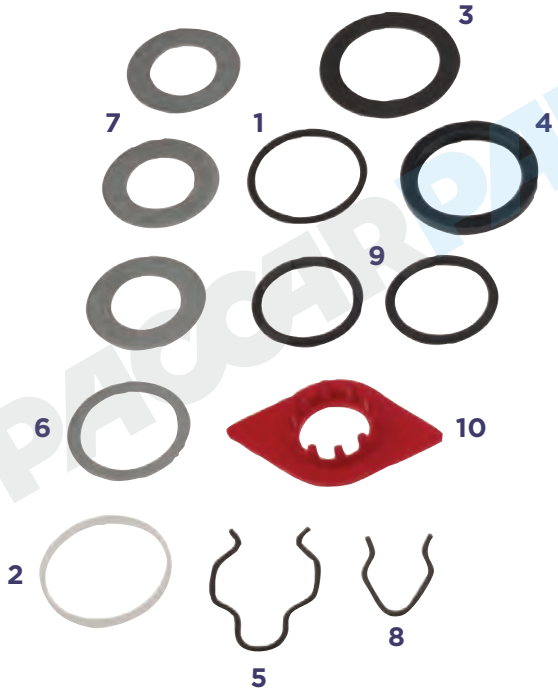
- BPW:
  - 9000 Lightweight Axle
  - KH/KR Axle
  - New Generation
  - Old Generation
- Kit Services 1x S-Cam



Item	Part No.	Description	Qty
1	0256760100	Circlip - Suits 42mm Shaft x 2.5mm Thick	2
2	0331012240	Flanged Washer	1
3	0256792300	O' Ring - Green	1
4	0312042020	Seal - 'Black Nylon'	1
5	0256160590	Snap Ring	1
6	0332011161	Disc Washer	1
7	0526014120	Lock Nut - M22 x 1.5	1
8	0312043190	Dust Boot - 41mm I.D.	1
9	0335030020	Clamp - Dust Boot	1
10	0256773742	O' Ring - Black	1
11	NSS	Grease Fitting	2
12	NSS	Grease Cap	2

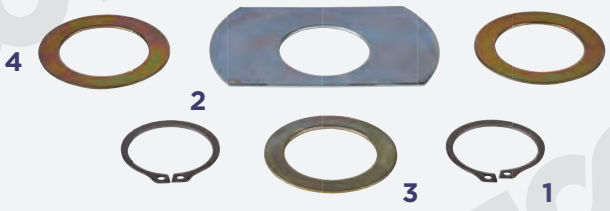
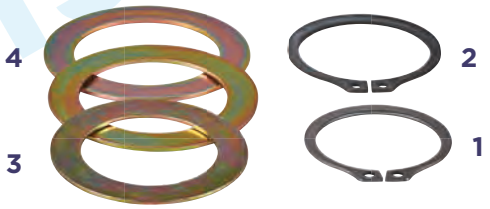
NSS - NOT SOLD SEPARATELY

S—CAM HARDWARE KITS
WASHER & CLIP KITS

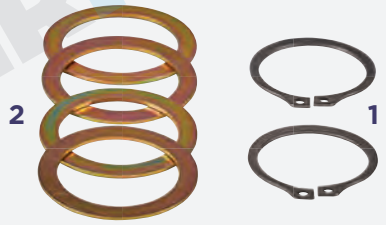
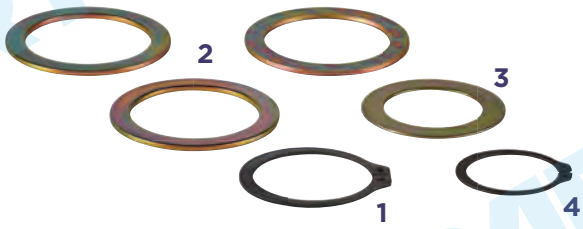
Kit Part No.	Item	Part No.	Description	Qty
3317000400 ▌SAF-Holland J-Series: - RZT 12242/18C & RZT - RZ 12242/18C ▌Kit Services 1x S-Cam 	1	NSS	Circlip	1
	2		Washer - Ø60/38.2 x 1.75	1
	3		Spring Washer	1
	4		Washer - Ø51/38.8 x 1.5	6
	5		Circlip	1
3317001600 ▌SAF-Holland: - Z9-4218 NG Axle - Z9-3720 Dual Wheels ▌Kit Services 1x S-Cam 	1	NSS	O-Ring - Ø45 x 4	1
	2		Spacer - 52,5/46,7 x 4	1
	3		Disc Spring - Ø63/43 x 1,75	1
	4		Shaft Seal - Ø45 x 60 x 7	1
	5		Spring Clamp - Ø39	1
	6		Washer (Knorr) - Ø51/38, 8 x 1,5	1
	7		Washer (Knorr) - Ø51/28, 1 x 1,5	3
	8		Spring Clamp - Ø23	1
	9		O-Ring	2
	10		Wear Indicator	1

NSS - NOT SOLD SEPARATELY

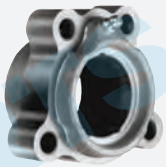
S—CAM HARDWARE KITS CONTINUED
WASHER & CLIP KITS

Kit Part No.	Item	Part No.	Description	Qty
T02-3108-AU ▌Dana Spicer: - D21/22, K21/22 ▌Freighter Ingersoll (IMT) ▌Freighter MK-V ▌GP/Haulmark/McGrath/Rockwell ▌Note: Will Suit Most General Purpose Type Axles ▌Kit Services 1 S-Cam  	1	1229Z1118	Circlip - Suits 1-½" Shaft	2
	2	T02-3101	'D' Washer	1
	3	T02-3102	Washer - Suits 1-½" Shaft x 1/16" Thick	1
	4	T02-3103	Washer - Suits 1-½" Shaft x 1/32" Thick	2
T02-3109-AU ▌Fruehauf Pro-par ▌Kit Services 1 S-Cam  	1	1229Z1118	Circlip - Suits 1-½" Shaft	1
	2	T02-3100	Circlip - Suits 1-⅝" Shaft	1
	3	T02-3102	Washer - Suits 1-½" Shaft x 1/16" Thick	1
	4	T02-3106	Washer - Suits 1-⅝" Shaft x 1/16" Thick	2

S—CAM HARDWARE KITS CONTINUED
WASHER & CLIP KITS

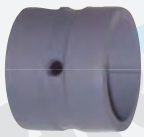
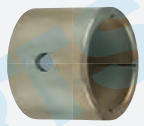
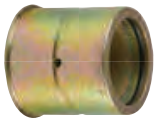
Kit Part No.	Item	Part No.	Description	Qty
T02-3110-AU ▌Meritor/Rockwell - RN/TN Axle ▌Kit Services 1 S-Cam 	1	1229Z1118	Circlip - suits 1-½" Shaft	2
	2	T02-3112	Washer - suits 1-½" Shaft x 1/16" Thick	4
T02-3111-AU ▌Meritor/Rockwell: - ARN/ATN Axle - TN Axle ▌Kit Services 1x S-Cam 	1	T02-3100	Circlip - suits 1-⅝" Shaft	1
	2	T02-3117	Washer - suits 1-⅝" Shaft x 5/64" Thick	3
	3	T02-3203	Washer - suits 1-¼" Shaft x 1/32" Thick	1
	4	1229X1116	Circlip - suits 1-¼" Shaft	1

S—CAM HARDWARE
BUSHES

Part No.	Application	O.D.	Shaft Size	Overall Length	Material
T02-2230 Cam Head S Cam Bush Kit 	Meritor/Rockwell: - TN/TQ Axle - TN Metric Axle Kit Contains: 1x Bolt-in Bush Assembly 2x T02-3118 Seal 1x T02-3094 Cam Head Washer 1x T02-3093 Snap Ring 4x Bolts		38mm 1-½"		Cast Metal
3268004700 Inner S Cam Bush Kit 	SAF-Holland: - Z9-3720-Dual Wheels - Z9-4218 NG Axle Kit Contains: 1x Bolt-in Bush Assembly 2x Rubber Bellow 5x Bolts		38mm 1-½"		Cast Metal
A3105L1078 S Cam Spider Bush 	Meritor/Rockwell: - TN/TQ Axle Can use Bush Kit T02-2230		38mm 1-½"		Cast Metal
0311303060 Spline End S Cam Bush 	BPW: - 9000 Lightweight Axle - KH/KR Axle - New Generation - Old Generation	45mm 1-¾"	37mm 1-15/32"	21mm 27/32"	Steel
1230010604 S Cam Spider Bush 	SAF-Holland: - J-Series RZ 12242/18C - J-Series RZT 12242/18C & RZT	42mm 1-⅝"	38mm 1-½"	45mm 1-¾"	Bronze
T02-3115 S Cam Spider Bush (Inner) 	Meritor/Rockwell: - RN/TN Axle Can use T02-3150 as an option for both T02-3114 & T02-3115	44mm 1-¾"	38mm 1-½"	29mm 1-⅛"	Nylon

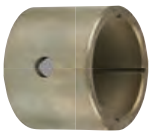
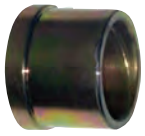
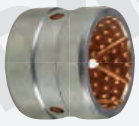
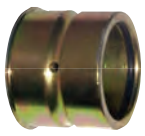
O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE
BUSHES

Part No.	Application	O.D.	Shaft Size	Overall Length	Material
T02-2104 S Cam Spider Bush 	Dana Spicer: - D21/22, K21/22 - Early/Standard Forge - Late/Standard Forge Freighter Ingersoll (IMT)	47mm 1-⅞″	38mm 1-½″	38mm 1-½″	Nylon
T02-2104S S Cam Spider Bush 	Dana Spicer: - D21/22, K21/22 - Early/Standard Forge - Late/Standard Forge Freighter Ingersoll (IMT) Alternative to T02-2104	47mm 1-⅞″	38mm 1-½″	38mm 1-½″	Steel (Zinc Plated)
E-807 S Cam Spider Bush 	Dana Spicer: - D21/22, K21/22 - Early/Standard Forge - Late/Standard Forge Freighter Ingersoll (IMT) Alternative to T02-2104 Replaces: T02-2104B	47mm 1-⅞″	38mm 1-½″	38mm 1-½″	Bronze
T02-2109 S Cam Spider Bush 	Dana Spicer: - D21/22, K21/22 - Early/Standard Forge - Late/Standard Forge Freighter Ingersoll (IMT) Flanged Bush includes 2x O-Rings, can replace T02-2104 & 2x T02-3122 Seals	47mm 1-⅞″	38mm 1-½″	49mm 1-15⁄16″	Steel (Zinc Plated)
T02-2201/02 S Cam Spider Bush 	Freighter MK-V GP/Haulmark/McGrath/Rockwell Two Piece T02-2201 is White T02-2202 is Yellow Can use T02-2208 as a One-Piece Option Replaces: T02-2201, T02-2202	48mm 1-⅞″	38mm 1-½″	22mm ⅞″ (each bush)	Nylon
T02-3149 Inner S Cam Bush 	Dana Spicer: - Early/Standard Forge Optional Flanged Bushes T02-2209-2, T02-2209-5 & T02-2119-5 are Available	48mm 1-⅞″	38mm 1-½″	30mm 1-3⁄16″	Nylon

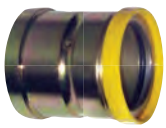
O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE CONTINUED
BUSHES

Part No.	Application	O.D.	Shaft Size	Overall Length	Material
T02-3150 S Cam Spider Bush 	▪ Meritor/Rockwell: - RN/TN Axle Can be used to replace T02-3114 & T02-3115 for Rockwell RN applications	48mm 1-⅞"	38mm 1-½"	32mm 1-¼"	Nylon
S-20823 S Cam Spider Bush 	▪ Hendrickson: - Intraax Drum Brake Enclosed & Non Enclosed S-Cam (Early) Suits 1-⅞" Journal	48mm 1-⅞"	38mm 1-½"	38mm 1-½"	Sintered Iron Bronze
T02-2209-2 Spline End & Cam Head S Cam Bush 	▪ Mack Drive Axles ▪ Eaton Drive Axles ▪ Meritor Drive Axles Flanged Version of T02-3149 Includes 1x O-Ring	48mm 1-⅞"	38mm 1-½"	38mm 1-½"	Nylon
T02-2209-5 Spline End & Cam Head S Cam Bush 	▪ Mack Steer & Drive Axles ▪ Eaton Steer & Drive Axles ▪ Meritor Steer & Drive Axles Flanged Steel Version of T02-3149 Includes 1x O-Ring	48mm 1-⅞"	38mm 1-½"	38mm 1-½"	Steel (Zinc Plated)
C13-0201 S Cam Spider Bush 	▪ Fuwa K Hitch: - KF12 Drum - KF22 & KF29 Drum	48mm 1-⅞"	38mm 1-½"	38mm 1-½"	Steel
T02-3150S S Cam Spider Bush 	▪ Meritor/Rockwell: - RN / TN Axle Option to T02-3150 Flanged Bush Includes 2x O-Rings	48mm 1-⅞"	38mm 1-½"	40mm 1-⁹⁄₁₆"	Steel (Zinc Plated)

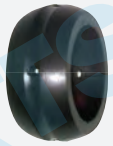
O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE CONTINUED
BUSHES

Part No.	Application	O.D.	Shaft Size	Overall Length	Material
79786123 S Cam Spider Bush 	York: - 2800 Drum	48mm 1-⅞″	38mm 1-½″	45mm 1-¾″	Nylon
79787923 S Cam Spider Bush 	York: - 2782/2784/RB/2785 Stud Type Drum - 2782/2784 RB Spider Drum - 2783 Drum - 2800 Drum - 2950 Drum Replaces: T02-2219	48mm 1-⅞″	38mm 1-½″	45mm 1-¾″	Vesconite
T02-2119-5 Spline End S Cam Bush 	Mack Drive Axles Eaton Drive Axles Meritor Drive Axles Flanged Bush includes 1x O-Ring Option to T02-3149	48mm 1-⅞″	38mm 1-½″	45mm 1-¾″	Steel (Zinc Plated)
T02-2108 Inner S Cam Bush 	Dana Spicer: - D21/22, K21/22 Freighter Ingersoll (IMT) Early type bush to suit rigid bracket	48mm 1-⅞″	38mm 1-½″	51mm 2″	Nylon
T02-2108B Inner S Cam Bush 	Dana Spicer: - D21/22, K21/22 Freighter Ingersoll (IMT) Early type bush to suit rigid bracket Option to T02-2108	48mm 1-⅞″	38mm 1-½″	51mm 2″	Bronze
T02-2200-5 S Cam Spider Bush 	Freighter MK-V GP/Haulmark/McGrath/Rockwell Can be used to replace T02-2201 & T02-2202 when brake spider is worn Flanged Bush Includes Lock Ring & 2x O-Rings	48mm 1-⅞″	38mm 1-½″	51mm 2″	Steel (Zinc Plated)

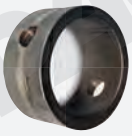
O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE CONTINUED
BUSHES

Part No.	Application	O.D.	Shaft Size	Overall Length	Material
S-22898 S Cam Spider Bush 	Hendrickson: - Intraax Drum Brake - Non Enclosed S-Cam (Early) Suits 2" Journal	51mm 2"	38mm 1-½"	38mm 1-½"	Sintered Iron Bronze
T02-2238-5 S Cam Spider Bush 	KIC-Sudisa - 10T - 11T Will allow 1-½" S Cams to be used on ROR ARN/ATN Axle & 4000 - 6000 Axle	51mm 2"	38mm 1-½"	40mm 1-9⁄16"	Steel (Zinc Plated)
T02-3006 Inner S Cam Bush 	Meritor/Rockwell: - RN/TN Axle - TN/TQ Axle - ARN/ATN Axle - TN Axle KIC-Sudisa - 10T - 11T Can use T02-3005 Bush & Bracket Assembly	54mm 2-⅛"	38mm 1-½"	25mm 1"	Nylon
T02-2218 Inner S Cam Bush 	Dana Spicer: - D21/22,K21/22 Can use T02-2107	62mm 2-7⁄16"	38mm 1-½"	38mm 1-½"	Nylon
T02-2107 Inner S Cam Bush 	Dana Spicer: - D21/22, K21/22 - Early/Standard Forge - Late/Standard Forge Freighter Ingersoll (IMT) KIC-Sudisa - 10T - 11T Can be used to replace T02-2218	63mm 2-½"	38mm 1-½"	44mm 1-¾"	Nylon
79500362 Inner S Cam Bush 	York: - 2782/2784/RB/2785 Stud Type Drum - 2782/2784 RB Spider Drum - 2783 Drum - 2800 Drum - 2950 Drum Freighter MK-V GP/Haulmark/McGrath/Rockwell Replaces: T02-2101	70mm 2-¾"	38mm 1-½"	64mm 2-½"	Nylon

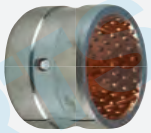
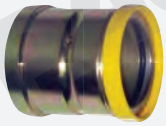
O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE CONTINUED
BUSHES

Part No.	Application	O.D.	Shaft Size	Overall Length	Material
T02-3120 S Cam Spider Bush (Inner) 	Meritor/Rockwell: - ARN/ATN Axle - TN Axle Can use T02-3151 as an option for both T02-3019 & T02-3020	48mm 1-7/8"	41mm 1-5/8"	29mm 1-1/8"	Nylon
T02-3119 S Cam Spider Bush (Outer) 	Meritor/Rockwell: - ARN/ATN Axle - TN Axle Can use T02-3151 as an option for both T02-3119 & T02-3120	51mm 2"	48mm 1-7/8"	33mm 1-5/16"	Steel
T02-2203 S Cam Spider Bush 	Fruehauf Pro-par Two bushes required per brake spider	50mm 1-15/16"	41mm 1-5/8"	22mm 7/8"	Nylon
21225705 S Cam Spider Bush 	Fuwa K Hitch: - KSS1 Self Steer Drum Axles manufactured before June 2013	51mm 2"	41mm 1-5/8"	25mm 1"	Steel
1225-N-1158 S Cam Spider Bush 	Fuwa K Hitch: - KSS1 Self Steer Drum Axles manufactured after June 2013	51mm 2"	41mm 1-5/8"	25mm 1"	Steel
T02-3151 S Cam Spider Bush 	Meritor/Rockwell: - TN Axle - ARN/ATN Axle KIC-Sudisa 11T Can be used to replace T02-3119 & T02-3120 for Rockwell applications Optional Bushes T02-3147B & T02-3147S	51mm 2"	41mm 1-5/8"	30mm 1-3/16"	Nylon

O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE CONTINUED
BUSHES

Part No.	Application	O.D.	Shaft Size	Overall Length	Material
T02-3147B S Cam Spider Bush 	▌Meritor/Rockwell: - TN Axle - ARN/ATN Axle ▌KIC-Sudisa 11T Option to T02-3151 Bush includes 2x O-Rings	51mm 2″	41mm 1-⅝″	38mm 1-½″	Bronze
T02-3147S S Cam Spider Bush 	▌Meritor/Rockwell: - TN Axle - ARN/ATN Axle ▌KIC-Sudisa 11T Option to T02-3151 Bush includes 2x O-Rings	51mm 2″	41mm 1-⅝″	40mm 1-⁹⁄₁₆″	Steel (Zinc Plated)
C13-0101 S Cam Spider Bush 	▌Fuwa K Hitch: - KF21 HD Drum - KF61 Drum - KF75 Drum Use with Cam Tube C30-0101-543, C30-0101-613	51mm 2″	41mm 1-⅝″	34mm 1-⁵⁄₁₆″	Steel, Bronze Lined
C13-0301 S Cam Spider Bush 	▌Fuwa K Hitch: - KF21 HD Drum - KF22 & KF29 Drum - KF37 Drum - KF61 Drum - KF75 Drum - KF85 Drum Use with Cam Tube C30-0102-543, C30-0102-613	51mm 2″	41mm 1-⅝″	38mm 1-½″	Steel, Bronze Lined
T02-2203S S Cam Spider Bush 	▌Fruehauf Pro-par Flanged Bush Includes Lock Ring & 2x O-Rings	51mm 2″	41mm 1-⅝″	51mm 2″	Steel (Zinc Plated)
T02-2103 Inner S Cam Bush 	▌Fruehauf Pro-par Late Type Bush	64mm 2-½″	41mm 1-⅝″	38mm 1-½″	Nylon

O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE CONTINUED
BUSHES

Part No.	Application	O.D.	Shaft Size	Overall Length	Material
T02-2102 Inner S Cam Bush 	Fruehauf Pro-par Early Type Bush	73mm 2-⅞"	41mm 1-⅝"	64mm 2-½"	Nylon
0311244340 S Cam Spider Bush 	BPW: - 9000 Lightweight Axle - Old Generation - KH/KR Axle - New Generation Replaces: T02-2217	46mm 1-¹³⁄₁₆"	42mm 1-⅝"	72mm 2-¹³⁄₁₆"	Bronze
0311314040 Inner S Cam Bush 	BPW: - KH/KR Axle - 9000 Lightweight Axle - Old Generation - New Generation Use with 0322902180 & 0322902190 Retainer Plates Replaces: T02-3155, T02-3155S, T02-3155N, 0311314010	62mm 2-⅞"	42mm 1-⅝"	38mm 1-½"	Steel
C13-0401 S Cam Spider Bush 	Fuwa K Hitch: - KK44 Drum	48mm 1-⅞"	43mm 1-¹¹⁄₁₆"	50mm 1-¹⁵⁄₁₆"	Steel (Zinc Plated)
T02-3114 S Cam Spider Bush (Outer) 	Meritor/Rockwell: - RN/TN Axle Can use T02-3150 as an option for both T02-3114 & T02-3115	48mm 1-⅞"	44mm 1-¾"	33mm 1-⅝"	Steel
3268005000 Cam Head S Cam Bush Kit 	SAF-Holland: - Z9-3720 Dual Wheels - Z9-4218 NG Axle Kit Contains: 1x Bolt-in Bush Assembly 2x Rubber Bellow 5x Bolts		46mm 1-¹³⁄₁₆"		Cast Metal

O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE
SUPPORT BRACKETS

SUPPORT BRACKETS

0328555490

- BPW:
  - Old Generation
  - 9000 Lightweight Axle
  - New Generation
- Square Axles Welds to Axle Beam
- Replaces: T02-3018



0322902180

- BPW:
  - New Generation
  - KH/KR Axle
  - 9000 Lightweight Axle
- Used with 0311314040 Steel Bush
- Replaces: T02-3016



0322902190

- BPW:
  - New Generation
  - KH/KR Axle
  - 9000 Lightweight Axle
- Used with 0311314040 Steel Bush
- T02-3017



S-28547

- Hendrickson:
  - Loose Axle Enclosed S-Cam - 15"
- Four Required per Axle



S-25440

- Hendrickson:
  - Intraax Drum Brake
- Pre-2000 Intraax



C20-0201

- Fuwa K-Hitch:
  - KF22 & KF29 Drum
  - KK44 Drum
  - KF37 Drum



S—CAM HARDWARE
SUPPORT BRACKETS

SUPPORT BRACKETS

79786220

- York:
  - 2682/RB/2685 Outback Stud Type Drum
  - 2682/RB Outback Spider Drum
  - 2782/2784/RB/2785 Stud Type Drum
  - 2782/2784 RB Spider Drum
  - 2800 Drum
- Welds to Axle Beam



79500363

- York:
  - 2782/2784/RB/2785 Stud Type Drum
  - 2782/2784 RB Spider Drum
  - 2800 Drum
- Freighter MK-V
- GP/Haulmark/ McGrath/Rockwell
- Used with T02-2101 Bush
- Replaces: T02-3002



79501574

- York:
  - 2783 Drum
  - 2950 Drum
- Replaces: T02R-3019



79787752

- York:
  - 2950 Drum



T02-3005

- Meritor/Rockwell:
  - RN/TN Axle
  - ARN + ATN Axle
  - 4000-6000 Axle
  - TN Axle
  - TN/TQ Axle
- KIC-Sudisa
  - 10T
  - 11T
- Includes Bush T02-3006 & O-ring T02-3007



15213430

- Meritor/Rockwell:
  - TN Metric Axle
- Includes Bush T02-3006 & O-ring T02-3007
- Replaces: T02-2232, T02-3180

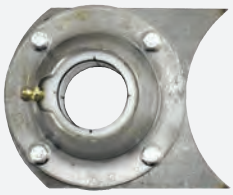


S—CAM HARDWARE CONTINUED
SUPPORT BRACKETS

SUPPORT BRACKETS

T02-3008

- Dana Spicer:
  - Early/Standard Forge
  - Late/Standard Forge
- 15" Axles
- Includes Bush T02-2107 & O-ring T02-3007



T02-3009

- Dana Spicer:
  - D21/22, K21/22
- Freighter Ingersoll (IMT)
- KIC-Sudisa
  - 10T
  - 11T
- 20" Axles
- Includes Bush T02-2107 & O-ring T02-3007



T02-3398

- Dana Spicer:
  - D21/22, K21/22
  - Early/Standard Forge
  - Late/Standard Forge
- Freighter Ingersoll (IMT)
- Used with T02-2107 Bush



E-4594

- Fruehauf Pro-par
- Includes T02-2103 Bush
- Replaces: T02-3012



S—CAM HARDWARE
CIRCLIPS & RETAINERS

CIRCLIPS

Part No.		Shaft Dia	I.D.	Thickness	Application	Replaces
1229X1116		32mm 1-¼"	29mm 1-5⁄32"	1.6mm 1⁄16"	▌Meritor/Rockwell: - ARN/ATN Axle - TN Axle - TN Metric Axle - TN/TQ Axle ▌Fuwa K Hitch: - KK44 Drum - KSS1 Self Steer Drum ▌Hendrickson: - Intraax Drum Brake - Enclosed & Non Enclosed S-Cam (Early) - Loose Axle Enclosed S-Cam - 15" - Loose Axle Enclosed S-Cam - 16.5"	T02-3205 C16-0601 A-20811 99507030
T02-3104				2.4mm 3⁄32"	▌Meritor Drive Axles Use with Wide Groove S-Cams	
1229Z1118		38mm 1-½"	35mm 1-3⁄8"	1.6mm 1⁄16"	▌Suits all General Purpose Application Axles with 1-½" S-Cams with Standard Width Groove, including: - York - Fuwa K Hitch - Hendrickson - Meritor/Rockwell - Dana Spicer - Freighter - Fruehauf - KIC-Sudisa	A-20808 79500374 C16-0101 T02-3107
C16-0501				1.8mm 1⁄16"	▌Fuwa K Hitch: - KF12 Drum - KF22 & KF29 Drum - KF37 Drum - KSS1 Self Steer Drum	
T02-3222				3mm ⅛"	▌Suits all General Purpose Application Axles with 1-½" S-Cams with Wide Groove	

DIA - DIAMETER I.D. - INSIDE DIAMETER

S—CAM HARDWARE
CIRCLIPS & RETAINERS

CIRCLIPS

Part No.		Shaft Dia	I.D.	Thickness	Application	Replaces
T02-3100		41mm 1-⅝"	38mm 1-½"	1.6mm 1/16"	▌Suits all General Purpose Application Axles with 1-⅝" S-Cams, including: - Fuwa K Hitch - Meritor/Rockwell - Fruehauf - KIC-Sudisa	C16-0401
C16-0201				2mm 3/32"	▌Fuwa K Hitch: - KF22 & KF29 Drum - KF37 Drum	
0256760100		42mm 1-21/32"		2.4mm 3/32"	▌BPW: - Old Generation - New Generation - 9000 Lightweight Axle - KH/KR Axle	T02-3153

SNAP RINGS

Part No.		I.D.	Thickness	Application	Replaces
0256160590		34mm 1-11/32"	2.4mm 3/32"	▌BPW: - New Generation - KH/KR Axle - 9000 Lightweight Axle	T02-3160
T02-3093		41mm 1-⅝"	2.4mm 3/32"	▌Meritor/Rockwell: - TN/TQ Axle	

LOCK NUT

Final Part No.		I.D.	Thickness	Application	Replaces
0526014120		M22 x 1.5 32mm A/F (1-¼" A/F)	16mm 5/8"	BPW : - Old Generation - New Generation - 9000 Lightweight Axle - KH/KR Axle	T02-3166 0326014080

DIA - DIAMETER I.D. - INSIDE DIAMETER

S—CAM HARDWARE
SEALS & O' RINGS



O' RINGS				
Part No.	**I.D.**	**O.D.**	**Thickness**	**Application**
79500375	37mm 1-15/32"	48mm 1-7/8"	5.5mm 7/32"	▌York: - 2682/RB/2685 Outback Stud Type Drum - 2682/RB Outback Spider Drum - 2782/2784/RB/2785 Stud Type Drum - 2782/2784 RB Spider Drum - 2783 Drum - 2800 Drum - 2950 Drum ▌Meritor/Rockwell: - RN/TN Axle - ARN/ATN Axle - TN Axle ▌Dana Spicer: - D21/22, K21/22 ▌KIC-Sudisa - 10T - 11T ▌Replaces: T02-3007
0256773742	38mm 1-1/2"	43mm 1-11/16"	2.8mm 7/64"	▌BPW: - 9000 Lightweight Axle - Old Generation - KH/KR Axle - New Generation ▌Colour: Black ▌Replaces: T02-3162, T02-3175
C24-0401		45mm 1-3/4"	3.6mm 9/64"	▌Fuwa K Hitch: - KF12 Drum - KF22 & KF29 Drum
4315004800		48mm 1-7/8"	5mm 3/16"	▌SAF-Holland: - J-Series RZ 12242/18C - J-Series RZT 12242/18C & RZT

I.D. - INSIDE DIAMETER O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE
SEALS & O' RINGS



O' RINGS				
Part No.	**I.D.**	**O.D.**	**Thickness**	**Application**
C24-0501	39mm 1-17/32"	44mm 1-21/32"	2.7mm 7/64"	▌Fuwa K Hitch: - KK44 Drum
0256792300	40mm 1-37/64"	45mm 1-25/32"	2.4mm 3/32"	▌BPW: - 9000 Lightweight Axle - Old Generation - KH/KR Axle - New Generation ▌Colour: Green ▌Replaces: T02-3164
C24-0101	40mm 1-9/16"	47mm 1-27/32"	3.6mm 9/64"	▌Fuwa K Hitch: - KF21 HD Drum - KF61 Drum - KF75 Drum - KF85 Drum
T02-3121	41mm 1-5/8"	48mm 1-7/8"	3mm 1/8"	▌Meritor/Rockwell: - ARN/ATN Axle - TN Axle

I.D. - INSIDE DIAMETER O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE CONTINUED
SEALS & O' RINGS

SEALS				
Part No.	**I.D.**	**O.D.**	**Thickness**	**Application**
T02-3127 	36mm 1-13/32"	48mm 1-7/8"	5mm 7/32"	▌York: - 2682/RB/2685 Outback Stud Type Drum - 2682/RB Outback Spider Drum - 2782/2784/RB/2785 Stud Type Drum - 2782/2784 RB Spider Drum - 2783 Drum - 2800 Drum - 2950 Drum ▌Replaces: 79787721
S-22885 	37mm 1-15/32"	51mm 2"	4.8mm 3/16"	▌Hendrickson: - Intraax Drum Brake Non Enclosed S-Cam (Early) ▌Suits 2" Journal
B-29332 	37mm 1-15/32"	51mm 2"	6.4mm 1/4"	▌Hendrickson: - Loose Axle - Enclosed S-Cam - 15"

I.D. - INSIDE DIAMETER O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE CONTINUED
SEALS & O' RINGS

SEALS

Part No.	I.D.	O.D.	Thickness	Application
C14-0201 	37mm 1-7⁄16″	48mm 1-7⁄8″	4.8mm 3⁄16″	▌Fuwa K Hitch: - KF12 Drum - KF22 & KF29 Drum
T02-3122 		48 mm 1-7⁄8″	6 mm 1⁄4″	▌Meritor/Rockwell: - RN/TN Axle ▌Dana Spicer: - D21/22, K21/22 - Early/Standard Forge - Late/Standard Forge ▌Freighter Ingersoll (IMT) ▌Suits Most General Purpose Application Axles with 1-1/2″ S-Cams
T02-3141 		53mm 2-1⁄16″	6mm 1⁄4″	▌Meritor Drive Axles ▌Eaton Drive Axles
A-20807 	38mm 1-1⁄2″	48mm 1-7⁄8″	4.8mm 3⁄16″	▌Hendrickson: - Intraax Drum Brake Enclosed & Non Enclosed S-Cam (Early) ▌Suits 1-7⁄8″ Journal

I.D. - INSIDE DIAMETER O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE CONTINUED
SEALS & O' RINGS

SEALS

Part No.		I.D.	O.D.	Thickness	Application
C14-0301		40mm 1-9/16"	51mm 2"	4.8mm 3/16"	Fuwa K Hitch: - KF21 HD Drum - KF22 & KF29 Drum - KF37 Drum - KF61 Drum - KF75 Drum - KF85 Drum
T02-3118			51mm 2"	7mm 9/32"	Meritor/Rockwell: - ARN/ATN Axle - TN Axle - TN/TQ Axle KIC-Sudisa 11T Suits 1-5/8" S-Cams
KH800161			56mm 2-3/16"	8mm 5/16"	Fuwa K Hitch: - KF21 HD Drum - KF61 Drum - KF75 Drum
B-30593		41mm 1-5/8"	51mm 2"	4.8mm 3/16"	Hendrickson: - Loose Axle - Enclosed S-Cam - 15" - Loose Axle - Non-Enclosed S-Cam
0312042020		43mm 1-11/16"	58mm 2-9/32"	5mm 3/16"	BPW: - 9000 Lightweight Axle - New Generation - Old Generation - KH/KR Axle Note: Black Nylon Replaces: T02-3167

I.D. - INSIDE DIAMETER O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE CONTINUED
SEALS & O' RINGS

DUST BOOTS					
Part No.		**I.D.**	**O.D.**	**Thickness**	**Application**
0312043100		34mm 1-5/16"	64mm 2-1/2"	25mm 1"	BPW: - 9000 Lightweight Axle - New Generation - KH/KR Axle Replaces: T02-3158
79500686		35mm 1-3/8"	64mm 2-1/2"	22mm 7/8"	York: - 2782/2784/RB/2785 Stud Type Drum - 2782/2784 RB Spider Drum - 2783 Drum - 2800 Drum - 2950 Drum Replaces: T02-2220
0312043190		35mm 1-3/8"	64mm 2-1/2"	25mm 1"	BPW: - New Generation - KH/KR Axle - Old Generation - 9000 Lightweight Axle Replaces: T02-3154, 0312063010
4131000800		37mm 1-7/16"	60mm 2-3/8"	17mm 21/32"	SAF-Holland: - Z9-3720 Dual Wheels - J-Series RZ 12242/18C - J-Series RZT 12242/18C & RZT
1173300200		38mm 1-1/2"	46mm 1-13/16"	24mm 15/16"	SAF-Holland: - J-Series RZ 12242/18C - J-Series RZT 12242/18C & RZT
0312042090		42mm 1-21/32"	53mm 2-3/32"	15mm 19/32"	BPW: - New Generation - KH/KR Axle - Old Generation - 9000 Lightweight Axle
0312042080		45mm 1-25/32"	54mm 2-1/8"	14mm 9/16"	BPW: - New Generation - KH/KR Axle - Old Generation - 9000 Lightweight Axle

I.D. - INSIDE DIAMETER O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE CONTINUED
SEALS & O' RINGS

DUST BOOT CLAMPS			
Part No.	**Diameter (Nominal)**	**Width (Nominal)**	**Application**
0335030020 	40mm 1-9⁄16″	9mm 3⁄8″	▌BPW: - New Generation - KH/KR Axle - Old Generation - 9000 Lightweight Axle ▌Replaces: T02-3601

I.D. - INSIDE DIAMETER O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE
SPACERS & WASHERS

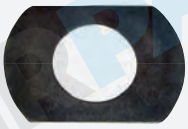
D WASHERS TO SUIT 1-½" (38mm) SHAFT DIAMETER

Part No.	Shaft Dia	O.D.	Thickness	Application	Notes
T02-3097 	**38mm 1-½"**	89mm x 74mm A/F 3-½" x 2-29/32" A/F	1.6mm 1/16"	▪ Dana Spicer: - Early/Standard Forge	
T02-3101 		98mm x 58mm A/F 3-⅞" x 2-9/32" A/F	1.2mm 3/64"	▪ Dana Spicer: - D21/22, K21/22 ▪ Freighter - Ingersoll (IMT) - MK-V ▪ GP/Haulmark/ McGrath/Rockwell ▪ KIC-Sudisa 10T	Suits most General Purpose Application Axles
T02-3099 		98mm x 60mm A/F 3-⅞" x 2-⅜" A/F	1.6mm 1/16"	▪ Dana Spicer: - Late/Standard Forge	
C12-0102 		124mm x 64mm A/F 4-⅞" x 2-17/32" A/F	2mm 5/64"	▪ Fuwa K Hitch: - KF22 & KF29 Drum - KF37 Drum	
C-32017 		108mm x 64mm 4-¼" x 2-½"	1.5mm 1/16"	▪ Hendrickson: - Intraax Drum Brake Enclosed & Non Enclosed S-Cam (Early)	Winged Underhead S-Cam Washer

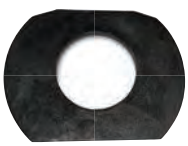
DIA - DIAMETER O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE
SPACERS & WASHERS

D WASHERS TO SUIT 1-⅝" (41mm) SHAFT DIAMETER

Part No.	Shaft Dia	O.D.	Thickness	Application	Notes
T02-3096 	**41mm 1-⅝"**	98mm x 70mm A/F 3-⅞" x 2-¾" A/F	1.6mm 1/16"	Meritor/Rockwell: - TN Metric Axle	
C12-0101 		130mm x 64mm A/F 5-⅛" x 2-17/32" A/F	2mm 5/64"	Fuwa K Hitch: - KF21 HD Drum - KF61 Drum - KF75 Drum - KF85 Drum	
C-31197 		64mm x 42mm A/F 2-½" x 1-21/32" A/F	1.5mm 1/16"	Hendrickson: - Loose Axle Enclosed S-Cam - 15" - Loose Axle Enclosed S-Cam - 16.5"	Winged Underhead S-Cam Washer

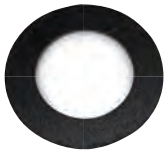
D WASHERS TO SUIT 1-11/16" (42.5mm) SHAFT DIAMETER

Part No.	Shaft Dia	O.D.	Thickness	Application	Notes
C12-0301 	42.5mm 1-11/16"	99mm x 75mm A/F 3-29/32" x 2-15/16" A/F	2mm 5/64"	Fuwa K Hitch: - KK44 Drum	

DIA - DIAMETER O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE CONTINUED
SPACERS & WASHERS

Washers / Spacers

Part No.		Shaft Dia	O.D.	Thickness	Application	Notes
0332011161		22mm 7/8"	42mm 1-21/32"	10mm 13/32"	BPW: - Old Generation - KH/KR Axle - New Generation - 9000 Lightweight Axle	Replaces: T02-3188
C15-0108		30mm 1-3/16"	50mm 1-31/32"	1mm 3/64"	Fuwa K Hitch: - KK44 Drum	
21219862		30mm 1-3/16"	50mm 1-31/32"	2.5mm 3/32"	Fuwa K Hitch: - KSS1 Self Steer Drum Note: Dished Washer	
T02-3203			48mm 1-7/8"	0.8mm 1/32"	Meritor/Rockwell: - ARN/ATN Axle - TN Axle - TN Metric Axle - TN/TQ Axle	
A-20812		32mm 1-1/4"	47mm 1-27/32"	1.5mm 1/16"	Hendrickson: - Intraax Drum Brake Enclosed & Non Enclosed S-Cam (Early)	
A-31635			57mm 2-1/4"	2.3mm 3/32"	Hendrickson: - Loose Axle Enclosed S-Cam - 15" - Loose Axle Enclosed S-Cam - 16.5"	

DIA - DIAMETER O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE CONTINUED
SPACERS & WASHERS

Washers / Spacers

Part No.		Shaft Dia	O.D.	Thickness	Application	Notes
1094003400		38mm 1-½″	47mm 1-$^{27}/_{32}$″	1.5mm $^{1}/_{16}$″	▌SAF-Holland: - J-Series RZT 12242/18C & RZT - J-Series RZ 12242/18C	
T02-3112			51mm 2″	1.6mm $^{1}/_{16}$″	▌Meritor/Rockwell: - RN/TN Axle - ARN/ATN Axle - TN Axle ▌KIC-Sudisa - 10T - 11T	
T02-3103			57mm 2-¼″	0.8mm $^{1}/_{32}$″	▌Suits all General Purpose Application Axles with 1-½″ S Cams, including: - York - Fuwa K Hitch - Hendrickson - Meritor/Rockwell - Dana Spicer - Freighter - Fruehauf - KIC-Sudisa ▌Check Thickness Required	
C15-0102				1mm $^{3}/_{64}$″		
T02-3102				1.6mm $^{1}/_{16}$″		Replaces: A-31636 79500358
1090424				2.4mm $^{3}/_{32}$″		Replaces: T02-3105
T02-3123				3mm $^{1}/_{8}$″		Replaces: A-31650 A-20822

DIA - DIAMETER O.D. - OUTSIDE DIAMETER

S—CAM HARDWARE CONTINUED
SPACERS & WASHERS

Washers / Spacers

Part No.		Shaft Dia	O.D.	Thickness	Application	Notes
T02-3117		41mm 1-5/8"	56mm 2-3/8"	2mm 5/64"	▪ Meritor/Rockwell: - ARN/ATN Axle - TN Axle - TN Metric Axle ▪ KIC-Sudisa 11T ▪ General Purpose Application Axles with 1-5/8" S Cams ▪ Check Thickness Required	
C15-0101			60mm 2-3/8"	1mm 3/64"	▪ Fuwa K Hitch: - KF21 HD Drum - KF22 & KF29 Drum - KF37 Drum - KF61 Drum - KF75 Drum - KF85 Drum	
T02-3106			60mm 2-3/8"	1.6mm 1/16"	▪ Fruehauf Pro-par	
T02-3095			60mm 2-3/8"	2.4mm 3/32"	▪ Meritor/Rockwell: - TN/TQ Axle	
T02-3094			70mm 2-11/16"	1.6mm 1/16"	▪ Meritor/Rockwell: - TN/TQ Axle	Cup Type
0331012240		42mm 1-5/8"	55mm 2-3/16"	7mm 9/32"	▪ BPW: - 9000 Lightweight Axle - Old Generation - New Generation - KH/KR Axle	Replaces: T02-3156 & 0331081020 from 1993 T02-3161
C15-0103		42.5mm 1-11/16"	58mm 2-9/32"	2mm 5/64"	▪ Fuwa K Hitch: - KK44 Drum	

DIA - DIAMETER O.D. - OUTSIDE DIAMETER

NOTES



PACCAR Parts and their network of industry leading manufacturers have contributed to bring you all the information you need to find the right brake shoe components to suit your application.

Our range features a comprehensive list of both Original Equipment and leading aftermarket brands with clear illustrations, so you can shop with confidence.

BRAKING

BRAKE SHOE

IDENTIFICATION & INFORMATION	438
ID TOOL INFORMATION	440
FRUEHAUF 'P & 'XEM" BRAKE vs GP "P" BRAKE & "Q" BRAKE	444
GP "Q" BRAKE vs "Q-PLUS" / HXS BRAKE	
LINED BRAKE SHOE KITS	447

BRAKE SHOE HARDWARE

BRAKE SHOE HARDWARE KITS	454
ANCHOR PINS & BUSHES	464
ANCHOR PIN ASSOCIATED HARDWARE	468
CIRCLIPS & WASHERS	470
ROLLERS, RETAINERS & PINS	472
RETURN SPRINGS	478

TO VIEW THE DIGITAL VERSION OF THE PACCAR PARTS TRAILER CATALOGUE
SCAN HERE!

BRAKE SHOE
IDENTIFICATION & INFORMATION

'P' Brake vs 'Q' Brake

The identification of brake shoes can usually be carried out visually by identifying certain features of the shoe. These features are as follows:

A Brake shoe diameter

B Brake shoe width

C Anchor pin design

The common range of brake shoes available are as shown in the further pages, along with application, part numbers, brake shoe options as well as the linings & rivets required.

The two groups of brake shoes that create the greatest confusion in identification are as follows:

16 ½" x 7" Brake Shoes – 'P' Brake

A Fruehauf Propar 'P' Brake (Old & new design)

Compared to

B G.P. 'P' Brake

16 ½" x 7" Brake Shoes – 'Q' Brake

A Fruehauf Propar 'XEM' Brake (Early & late design)

Compared to

B G.P. 'Q' Brake

While visual inspection is the quickest means of identification, it is by no means fool proof due to the large number of manufacturers producing some or all of the above shoes, often with slight variations.

The following guidelines outline two methods of identification.

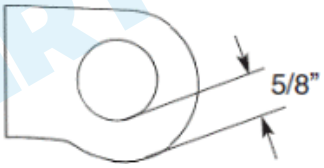
A The visual method identification.

B Using a simple tool available from PACCAR PARTS
Refer to Brake Shoe ID Tool Information

VISUAL IDENTIFICATION

- Fruehauf Propar 'P' Brake Shoe
- G.P. 'P' Brake Shoe

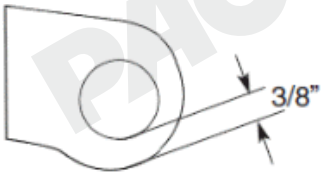
Old style Fruehauf has a large boss, with an offset hole. May have 'F' stamped on web



New style Fruehauf has a parallel type web with a central hole. May have 'F' stamped on web



G.P. style has a large boss, with a central hole. May have 'T' stamped on web



- Fruehauf Propar 'XEM' Brake Shoe
- Rockwell G.P. 'Q' Brake Shoe

Early style Fruehauf XEM



Late style Fruehauf XEM



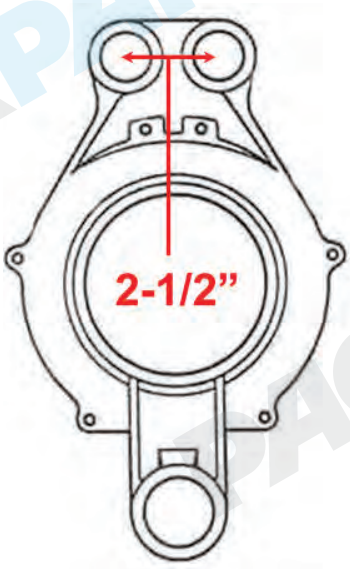
G.P. 'Q' Brake



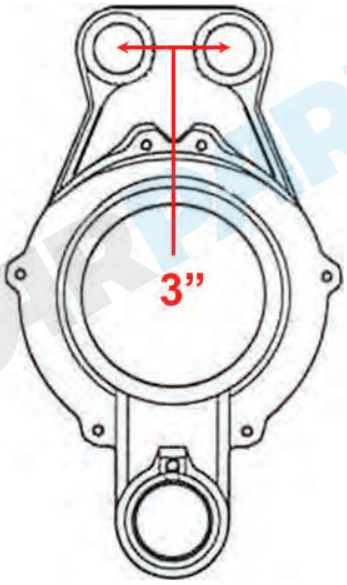
BRAKE SHOE IDENTIFICATION & INFORMATION

How to Identify G.P. or Propar 'P' Brake & 'Q' / XEM Brakes

BRAKE SPIDER



G.P. Brake Spider



Fruehauf/Propar Brake Spider

NOTES

BRAKE SHOE
ID TOOL INFORMATION

BRAKE SHOE IDENTIFICATION – TOOL P/N E-3863A

The tool shown was developed to simplify identification of the difference between the General Purpose 16-½" x 7" P and Q Brakes.

PROCEDURE – 16-½" X 7" BRAKE SHOES – 'P' BRAKE

1. Insert the large diameter of the double step button **(marked A)** into the anchor pin hole as shown in **Fig. 1**

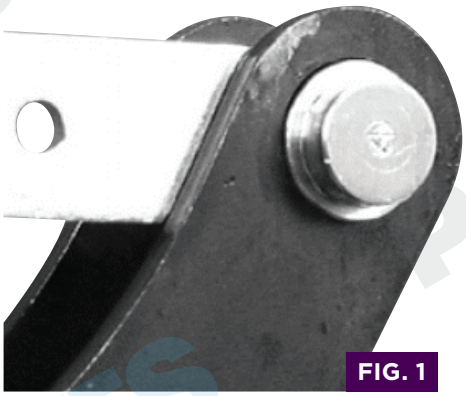


FIG. 1

2. Swing the tool on the button until the arm comes in contact with the back of the shoe. See **Fig. 2**



FIG. 2

---

3. The small button **(marked R)** on the opposite end of the tool seats neatly into the roller slot, see **Fig. 3**, then the brake shoe is a G.P. type. If the small button will not seat in the roller slot, see **Fig. 4** (approx. 4-5mm clearance), then the brake is a Fruehauf Propar 'P' Brake



FIG. 3 General Purpose

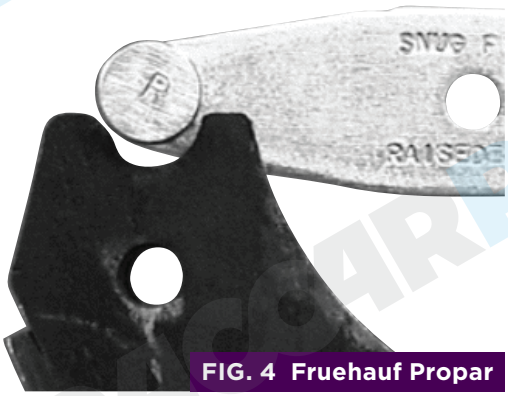


FIG. 4 Fruehauf Propar

BRAKE SHOE ID TOOL INFORMATION

BRAKE SHOE IDENTIFICATION – TOOL P/N E-3863A

The tool shown was developed to simplify identification of the difference between the General Purpose 16-½" x 7" P and Q Brakes.

PROCEDURE – 16-½" X 7" BRAKE SHOES – 'Q' / XEM BRAKE

1. Insert the large diameter of the double step button **(marked A)** into the anchor pin hole as shown in **Fig. 5**

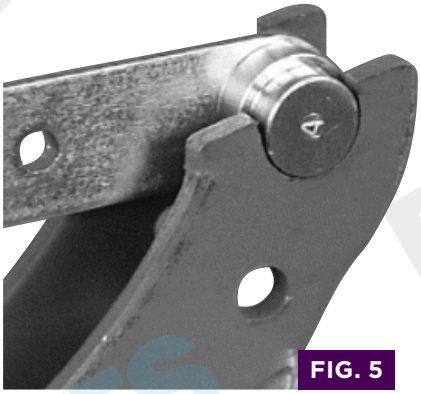


FIG. 5

2. Swing the tool on the button until the arm comes in contact with the back of the shoe. See **Fig. 6**

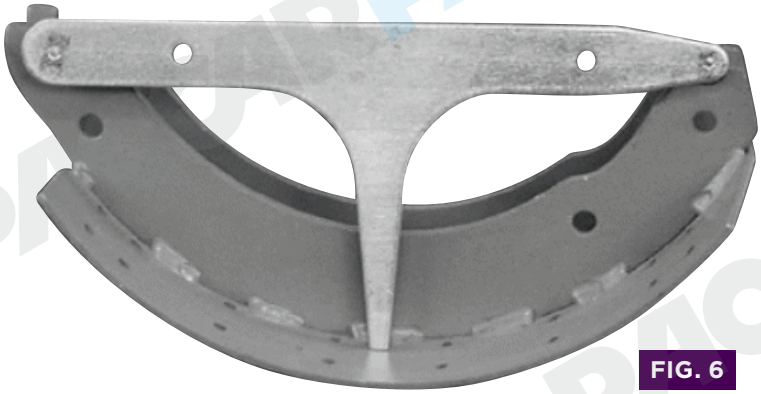


FIG. 6

---

3. The small button **(marked R)** on the opposite end of the tool seats neatly into the roller slot, see **Fig. 7**, then the brake shoe is a Rockwell 'Q' type. If the small button will not seat in the roller slot, see **Fig. 8** (approx. 4-5mm clearance), then the brake is a Fruehauf Propar 'XEM' Brake



FIG. 7 'Q' Brake

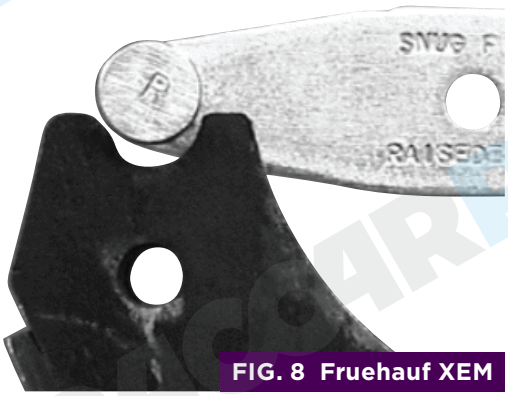
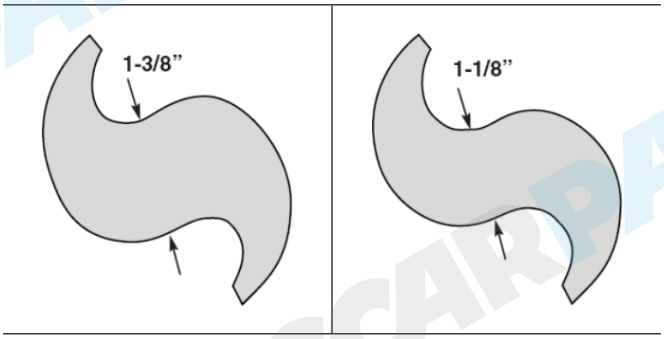


FIG. 8 Fruehauf XEM

GP "Q" BRAKE VS "QPLUS/HXS" BRAKE

Identification

'QPlus' brake linings are 0.12" thicker than the 'Q' brake linings and are easily identifiable. To accommodate the thicker linings of the 'QPlus' brakes, the 'S' Cam used in this application has a modified profile as shown below.



(Left hand shown)	(Left hand shown)
'Q' 'S' Cam Head	**'QPlus' 'S' Cam Head**

'S' Cams

For 'S' Cam part numbers, refer back to the individual vehicle manufacture.

To assist in any queries on 'Q' and 'QPlus' brakes, the following questions and answers address the major concerns in this area.

WILL I HAVE A BALANCE PROBLEM WITH MIXING 'Q' & 'QPLUS' BRAKES ON MY TRUCK?

No; 'QPlus' brakes specifically designed for complete compatibility with 'Q' brakes. The brake performance & balance is essentially maintained through offering the same variety of non-proprietary linings for both brake designs.

WHAT PARTS ARE COMMON ON 'Q' & 'QPLUS?

All standard components are common between the 16.5" 'Q' & 'QPlus' brakes camshaft can be used with the 'Q' or 'QPlus' brake shoes. The 'Q' camshaft cannot be used with the 'QPlus' brake shoes. The same applies to the return spring.

CAN I USE 'Q' SHOES ON 'QPLUS' CAMSHAFTS?

Yes; both 16.5" 'Q' & 'QPlus' shoes can be used with 'QPlus' camshafts. In fact, if you are changing your camshaft, this is a perfect time to upgrade your 'Q' brake to 'QPlus'.

CAN I USE 'QPLUS' SHOES ON STANDARD 'Q' CAMSHAFTS?

No; the 16.5" 'Q' Cam may not allow the 'QPlus' shoes (with the 0.12" thicker lining) to collapse far enough to assemble the new brake drum.

DO I NEED A SPECIAL DRUM TO ACCOMMODATE THE INCREASED THICKNESS OF THE 'QPLUS' SHOE?

No; Drum changes are not required for the 16.5" 'QPlus' brake. A 15" x 4" 'QPlus' steer axle brake may require slightly different drums due to different brake offset. Check with your OEM or Meritor authorised outlet.

ARE 'QPLUS' PARTS CLEARLY IDENTIFIED & AVAILABLE IN THE AFTERMARKET?

Yes, the 'QPlus' shoe is identified with "QPlus" stamped on the webs & a "+" stamped on the shoe table of production. Also, the cam has "16.5+" or "15.0+" stamped in the roller pocket. All 'QPlus' parts are available for service in the aftermarket.

TRP® BRAKE SHOES

TRP® offers a comprehensive range of brake shoe kits that suit most truck and trailer applications, including American and European drivelines. Designed, tested and engineered to meet the demanding conditions on Australian roads, TRP® brake shoes have been manufactured for reliability and built for purpose.

TRP® brake shoes are also manufactured using OE specifications and tested to FMVSS 121 and ECE R90 certified (where applicable) to ensure the brake shoes meet recognised, industry-wide standards.

TRP® linings are available in 21K gross axle weight rating (GAWR) and 23K GAWR and come with an industry leading 2 year, 'hassle free' warranty.

FEATURES & BENEFITS

- Most truck and trailer applications are covered in the TRP® range, offering a wide selection and a one stop shop
- Designed, tested and engineered to meet the demanding conditions on Australian roads, ensuring TRP® brake shoes are reliable and built for purpose
- Certified to FMVSS-121 and ECE R90 (where applicable) to ensure TRP® Brake Shoes meet recognised, industry wide standards
- Automated riveting process eliminates any potential human error
- 300 hours salt spray paint finish ensures a high resistance to corrosion and rust
- 7 long weld points for strength and matched to OE specs increases durability and extends the service life
- OEM Quality hardware kit helps extend the life of the shoe
- 12 Month hassle free warranty for peace of mind

TRP® BRAKE SHOES & THE FRICTION MATERIAL CAN EASILY BE IDENTIFIED BY THE SIDE MARKINGS & PART NUMBERS



The 21,000lb linings have a green edge colouring and part numbers all start with TRP21



The 23,000lb linings have a gold edge colouring and part numbers all start with TRP23

Every brake shoe has an edge marking which can tell you a lot about that particular shoe and friction material. Below is an explanation on what those markings mean.



EDGE MARKINGS EXPLAINED

MATERIAL LINING CODE
Identifies the linings GAWR & TRP brand

FMSI LINING TYPE
Standardised part number system used to identify the brake application

CAM OR ANCHOR
Identifies orientation of the shoe

LINING THICKNESS
Measurement in millimetres

ECE R90 APPORIVAL (WHERE APPLICABLE)
Unique number that all ECE R90 certified linings are assigned

BATCH CODE
Manufacturing tracking number for friction material

TRP® BRAKE SHOE TESTING

All TRP® brake lining types are tested to and exceed FMVS 121 testing requirements. Independent testing was performed by Link Engineering, an industry recognized testing facility, based in the US.



FMVSS 121 TESTING STANDARD TESTING PARAMETERS

WHAT IS FMVSS 121 STANDARD?

FMVSS 121 stands for Federal Motor Vehicle Safety Standard 121 and tests whether a given rotor has sufficient heat dissipation characteristics to pass the set test requirements.

WHY TEST TO FMVSS 121 STANDARD?

Testing TRP® shoes to the FMVSS 121 standard ensures that the linings are put through standardised testing. It verifies that the lining passes a set criteria at a given weight load. Australian and New Zealand vehicle standards are for the fully dressed axle, so it is important that we use a recognised standard like FMVSS 121 to test the performance of the friction material.

TEST PARAMETERS

The test was performed by Link Manufacturing, an independent testing facility based in the US. The FMVSS 121 test was performed on the following Linings:

STANDARD LININGS
21K GROSS AXLE WEIGHT RATING (GAWR)

TRP21K Lining Material

PREMIUM LININGS
23K 21K GROSS AXLE WEIGHT RATING (GAWR)

TRP23K Lining Material

TESTING PARAMETERS

- Air Brake Chamber 30/30
- Slack adjuster 5.5″
- Factor 165* (30″ x 5.5″)

* It's important to note that TRP® tested to factor 165 for both standard and premium linings. The factor is calculated by multiplying the slack adjuster arm length by the air chamber diaphragm size. (30 x 5.5 = 165). TRP® test to this factor as most class 8 trucks use a 5.5″ slack adjuster and a 30/30 air chamber.

LINED BRAKE SHOE KITS



TRP214707QP

21K Gross Axle Weight Rating (GAWR)

TRP Part No.	Product Description	App.	FMSI + Shoe Type	Size	ECE R90	Cross Reference
TRP211308Q	Meritor Steer 'Q'	Truck	1308,Q	15" x 4" Q		KSMA2121308Q
TRP214311E	Eaton Drive	Trailer	4311, E	16.5" x 7"		KSMA2124311E
						B4311PTQK
TRP214514Q	Meritor Steer 'Q'	Truck	4514, Q	16.5" x 6" Q		KSMA2124514Q
TRP214515FQ	Fruehauf/SAF/TMC	Trailer	4515, F(Q)	16.5" x 7" Q	Y	KSMA2124515F3
						B4515PTFRUEHAUFQCK
						D20-020101/K
TRP214515P	Meritor Drive 'P'	Truck & Trailer	4515, P	16.5" x 7" P	Y	PKSMA2124515P
						D20-020104/K
TRP214515PSS-01	Meritor Drive 'P' Severe Service	Truck & Trailer	4515, PSS	16.5" x 7" P	Y	PKSMA2124515PSS
						B4515PTGPWWK
TRP214515Q	Meritor Drive 'Q'	Truck & Trailer	4515, Q	16.5" x 7" Q	Y	KSMA2124515Q
						B4515PTQCK
TRP214524Q	Meritor Steer 'Q'	Truck	4524, Q	16.5" x 5" Q		KSMA2124524Q
						B4524PTQK
TRP214702QP	Meritor Steer 'Q Plus'	Truck	4702, QP	15" x 4" Q Plus		KSMA2124702QP
TRP214707QP	Meritor Drive 'Q Plus'	Truck & Trailer	4707, QP	16.5" x 7" Q Plus	Y	KSMA2124707QP
						B4707PTQPK

LINED BRAKE SHOE KITS CONTINUED



TRP214707QP

21K Gross Axle Weight Rating (GAWR)						
TRP Part No.	**Product Description**	**App.**	**FMSI + Shoe Type**	**Size**	**ECE R90**	**Cross Reference**
TRP214709E2	Eaton ESII Drive	Truck & Trailer	4709, ESII	16.5" x 7"		KSMA2124709E2 B4709PTES2K
TRP214710QP	Meritor Steer/Trailer 'Q Plus'	Truck & Trailer	4710, QP	15" x 8-⅝" Q Plus		KSMA2124710QP D20-070101K
TRP214711QP	Hendrickson Intraax	Truck & Trailer	4711, QP	16.5" x 8-⅝" Q Plus		KSMA2124711QP B4711PTQK
TRP214715QP	Meritor Steer 'Q Plus'	Truck	4715, QP	16.5" x 6" Q Plus		KSMA2124715QP
TRP214720QP	Meritor Steer 'Q Plus'	Truck	4720, QP	16.5" x 5" Q Plus		KSMA2124720QP
TRP214725E	Dana Spicer Steer Brake	Truck	4725, E	16.5" x 6"		KSMA2124725R
TRP19032/21/95	BPW Brake 95 BC/36/1	Trailer	BC/36/1, B95	420mm x 180mm	Y	0509146320BH95 MKSMG2ABC36/95 BBC/36PTSAFK
TRP19032/21/NG	BPW New Gen BC36/1	Trailer	BC/36/1, NG	420mm x 180mm	Y	MKSMG2ABC36/NG BBC/36PT/BPWNG
TRP19094/21/95	BPW Brake 95 BC/37/1	Trailer	BC/37/1, B95	420mm x 200mm	Y	0509119220BH95 MKSMG2ABC37 BBC/36FTBPW95

LINED BRAKE SHOE KITS CONTINUED



TRP234707QP

TRP Part No.	Product Description	App.	FMSI + Shoe Type	Size	ECE R90	Cross Reference
23K Gross Axle Weight Rating (GAWR)						
TRP231308Q	Meritor Steer 'Q'	Truck	1308,Q	15" x 4" Q		KSMA3121308Q
TRP234515FQ	Fruehauf/SAF/TMC	Truck & Trailer	4515, F(Q)	16.5" x 7" Q	Y	KSMA3124515F3 D20-010101/K
TRP234515P	Meritor Drive 'P'	Truck & Trailer	4515, P	16.5" x 7" P	Y	PKSMA3124515P
TRP234515PSS-01	Meritor Drive 'P' Severe Service	Truck & Trailer	4515, PSS	16.5" x 7" P	Y	PKSMA3124515PSS
TRP234515Q	Meritor Drive 'Q'	Truck & Trailer	4515, Q	16.5" x 7" Q	Y	KSMA3124515Q
TRP234524Q	Meritor Steer 'Q'	Truck	4524, Q	16.5" x 5" Q		KSMA3124524Q
TRP234707QP	Meritor Drive 'Q Plus'	Truck & Trailer	4707, QP	16.5" x 7" Q Plus	Y	KSMA3124707QP
TRP234709E2	Eaton ESII Drive	Truck & Trailer	4709, ESII	16.5" x 7"		KSMA3124709E2
TRP234715QP	Meritor Steer 'Q Plus'	Truck	4715, QP	16.5" x 6" Q Plus		KSMA3124715QP B4715PTQK
TRP234720QP	Meritor Steer 'Q Plus'	Truck	4720, QP	16.5" x 5" Q Plus		KSMA3124720QP
TRP234725E	Dana Spicer Steer Brake	Truck	4725, E	16.5" x 6"		KSMA3124725R

LINED BRAKE SHOE KITS CONTINUED

MERITOR
RUN WITH THE BULL

MERITOR BRAKE SHOE KITS 21K

Meritor Part No.	Product Description	App.	FMSI + Shoe Type	Size	GAWR
KSMA2121308Q	Meritor Steer 'Q'	Truck	1308,Q	15" x 4" Q	
KSMA2121308T	Meritor Steer 'Q'	Truck	1308, T	15" x 4"	
KSMA2124311E	Eaton Drive	Trailer	4311, E	16.5" x 7"	
KSMA2124514Q	Meritor Steer 'Q'	Truck	4514, Q	16.5" x 6" Q	
KSMA2124515F	Fruehauf/SAF/TMC	Trailer	4515, F(P)	16.5" x 7" P	
KSMA2124515F3	Fruehauf/SAF/TMC	Trailer	4515, F(Q)	16.5" x 7" Q	
PKSMA2124515P	Meritor Drive 'P'	Truck & Trailer	4515, P	16.5" x 7" P	
PKSMA2124515PSS	Meritor Drive 'P' Severe Service	Truck & Trailer	4515, PSS	16.5" x 7" P	
KSMA2124515Q	Meritor Drive 'Q'	Truck & Trailer	4515, Q	16.5" x 7" Q	
KSMA2124524Q	Meritor Steer 'Q'	Truck	4524, Q	16.5" x 5" Q	
KSMA2124692FC2	Dana Trailer	Trailer	4692 Q	12-¼" x 7.5"	21K
KSMA2124702QP	Meritor Steer 'Q Plus'	Truck	4702, QP	15" x 4" Q Plus	
KSMA2124707QP	Meritor Drive 'Q Plus'	Truck & Trailer	4707, QP	16.5" x 7" Q Plus	
KSMA2124709E1	Eaton ES1 Drive	Truck & Trailer	4709, ES1	16.5" x 7"	
KSMA2124709E2	Eaton ESII Drive	Truck & Trailer	4709, ESII	16.5" x 7"	
KSMA2124710QP	Meritor Steer/Trailer 'Q Plus'	Truck & Trailer	4710, QP	15" x 8-⅝" Q Plus	
KSMA2124711QP	Hendrickson Intraax	Truck & Trailer	4711, QP	16.5" x 8-⅝" Q Plus	
KSMA2124715QP	Meritor Steer 'Q Plus'	Truck	4715, QP	16.5" x 6" Q Plus	
KSMA2124719E	Eaton ES	Truck & Trailer	4719 E	16.5" x 5'	
KSMA2124720QP	Meritor Steer 'Q Plus'	Truck	4720, QP	16.5" x 5" Q Plus	
KSMA2124725R	Dana Spicer Steer Brake	Truck	4725, E	16.5" x 6"	

MERITOR BRAKE SHOE KITS 23K

Meritor Part No.	Product Description	App.	FMSI + Shoe Type	Size	GAWR
MKSMG2ABC36/95	BPW Brake 95 BC/36/1	Trailer	BC/36/1, B95	420mm x 180mm	
MKSMG2ABC36/NG	BPW New Gen BC36/1	Trailer	BC/36/1, NG	420mm x 180mm	
MKSMG2ABC37	BPW Brake 95 BC/37/1	Trailer	BC/37/1, B95	420mm x 200mm	
KSMA3121308Q	Meritor Steer 'Q'	Truck	1308,Q	15" x 4" Q	
KSMA3124311E	Eaton Drive	Trailer	4311, E	16.5" x 7"	
KSMA3124515F3	Fruehauf/SAF/TMC	Truck & Trailer	4515, F(Q)	16.5" x 7" Q	
PKSMA3124515P	Meritor Drive "P"	Truck & Trailer	4515, P	16.5" x 7" P	
PKSMA3124515PSS	Meritor Drive "P" Severe Service	Truck & Trailer	4515, PSS	16.5" x 7" P	
KSMA3124515Q	Meritor Drive "Q"	Truck & Trailer	4515, Q	16.5" x 7" Q	23K
KSMA3124524Q	Meritor Steer "Q"	Truck	4524, Q	16.5" x 5" Q	
KSMA3124702QP	Meritor Steer 'Q Plus'	Truck	4702, QP	15" x 4" Q Plus	
KSMA3124707QP	Meritor Drive "Q Plus"	Truck & Trailer	4707, QP	16.5" x 7" Q Plus	
KSMA3124709E2	Eaton ESII Drive	Truck & Trailer	4709, ESII	16.5" x 7"	
KSMA3124711QP	Hendrickson Intraax	Truck & Trailer	4711, QP	16.5" x 8-⅝" Q Plus	
KSMA3124715QP	Meritor Steer "Q Plus"	Truck	4715, QP	16.5" x 6" Q Plus	
KSMA3124720QP	Meritor Steer "Q Plus"	Truck	4720, QP	16.5" x 5" Q Plus	
KSMA3124725R	Dana Spicer Steer Brake	Truck	4725, E	16.5" x 6"	

LINED BRAKE SHOE KITS CONTINUED

TRANSPEC

BPW BRAKE SHOE KITS				
BPW Part No.	**Part Description**	**Brake Type**	**Size**	**Wheel Size**
0509119220BH95	Lined Brake Shoe Kit	Brake 95	360 x 200 mm	19.5"
0509146320BH95			420 x 180 mm	20 - 22.5"
0509114771	Lined Brake Shoe & Roller Only		300 x 200 mm	15 - 17.5"
0509119220			360 x 200 mm	19.5"
0509146321			420 x 180 mm	20 - 22.5"
0509147041			420 X 200 mm	20 - 22.5"

HENDRICKSON
The World Rides On Us®

HENDRICKSON BRAKE SHOE KITS						
Hendrickson Part No.	**Part Description**	**Lining Series**	**FMSI**	**Size**	**Brake Type**	**Comment**
S-27783-1	Lined Brake Shoe Kit	H20	4710	15'' x 8-⅝''	HXS	Inc Hardware Kit
S-21184-1			4515	16.5'' x 7''	Q Brake	
S-23753-1			4707	16.5'' x 7''	HXS	
98881-042			4711	16.5" x 8-⅝"	HXS	
98881-029*	Lined Brake Shoe - Single	H20	4707	16.5'' x 7'' P	HXS	Hardware Kit PN 98881-039 Services 1 Wheel
98881-007*		MB21				

*** LINED SHOES ONLY - HARDWARE SOLD SEPARATELY**

Fuwa K HITCH

FUWA K HITCH BRAKE SHOE KITS					
Fuwa K Hitch Part No.	**Part Description**	**FMSI**	**Size + Type**	**Comment**	**GAWR**
D20-050101	Lined Brake Shoes - No hardware	RW9/13/2	12.25" x 7.5"	Hardware Kit PN: D20-05010H	21K
D20-070101		4710	15" x 8-⅝" Q	Hardware Kit PN: D20-020101H	
D20-020101K	Lined Brake Shoe Kit	4515	16.5'' x 7'' Q		
D20-010101K		4515	16.5'' x 7'' XEM		
D20-020104K		4515	16.5'' x 7'' P	Suits Extended Anchor Pin	
D20-010201K		4551	16.5" x 8-⅝" XEM		

LINED BRAKE SHOE KITS CONTINUED

BENDIX-PROTRANS LINED BRAKE SHOE KITS

Part No.	Product Description	App.	FMSI + Shoe Type	Size	GAWR
B4311PTQK	Eaton Drive	Trailer	4311, E	16.5" x 7"	21K
B4515PTFRUEHAUFQCK	Fruehauf/SAF/TMC	Trailer	4515, F(Q)	16.5" x 7" Q	
B4515PTGPWWK	Meritor Drive 'P' Severe Service	Truck & Trailer	4515, PSS	16.5" x 7" P	
B4515PTQCK	Meritor Drive 'Q'	Truck & Trailer	4515, Q	16.5" x 7" Q	
B4524PTQK	Meritor Steer 'Q'	Truck	4524, Q	16.5" x 5" Q	
B4707PTQPK	Meritor Drive 'Q Plus'	Truck & Trailer	4707, QP	16.5" x 7" Q Plus	
B4709PTES2K	Eaton ESII Drive		4709, ESII	16.5" x 7"	
B4711PTQK	Hendrickson Intraax		4711, QP	16.5" x 8-⅝" Q Plus	
B4715PTQK	Meritor Steer 'Q Plus'	Truck	4715, QP	16.5" x 6" Q Plus	
B4720PTQK	Meritor Steer 'Q Plus'	Truck	4720, QP	16.5" x 5" Q Plus	
BBC/36PTSAFK	BPW Brake 95 BC/36/1	Trailer	BC/36/1, B95	420mm x 180mm	
BBC/36PT/BPWNG	BPW New Gen BC36/1		BC/36/1, NG	420mm x 180mm	
BBC/36FTBPW95	BPW Brake 95 BC/37/1		BC/37/1, B95	420mm x 200mm	

SAF-HOLLAND LINED SHOES

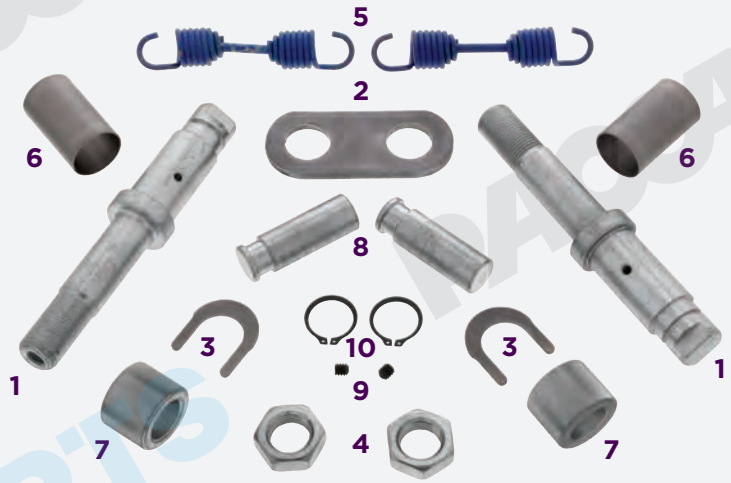
Part No.	Part Description	Axle Type	Size	Comments
3434365300	Lined Brake Shoe Kit	Z9-4218 NG Axle (used on Intradrum) - Dual Wheels	420 x 180 mm	Does not include Roller
3055012000	Lined Brake Shoe - Single			Does not include Hardware
3055012800		Z9-3720 Axle - Dual Wheels	367 x 200 mm	
3055013300		J-SERIES - Spider & Standard Hub	420 x 180 mm	

YORK LINED SHOES

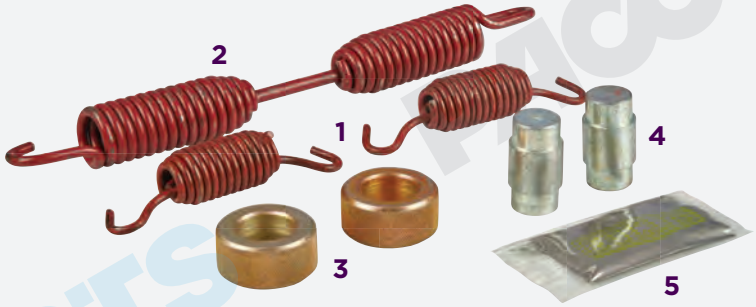
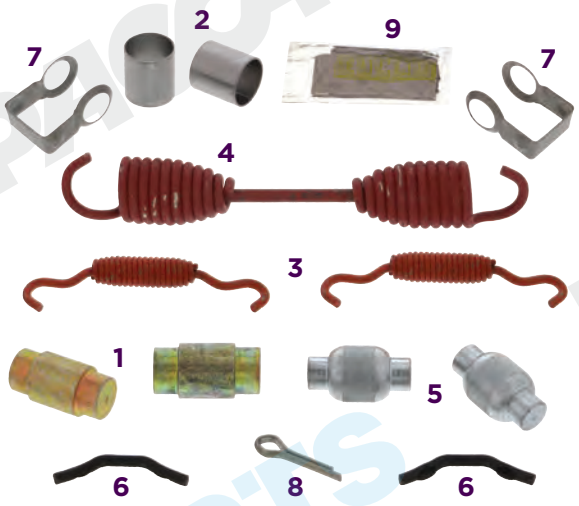
Part No.	Part Description	Shoe Type	Size	Qty Required per axle
7950224602	Lined Brake Shoe - Single	P	311 x 178mm	4
7978765002			335 x 210mm	
79SB50206402HD23			420 x 180mm	
79SB78790202HD23		Q	420 x 180mm	
79SB50206502AF237		P	420 x 220mm	

NOTES

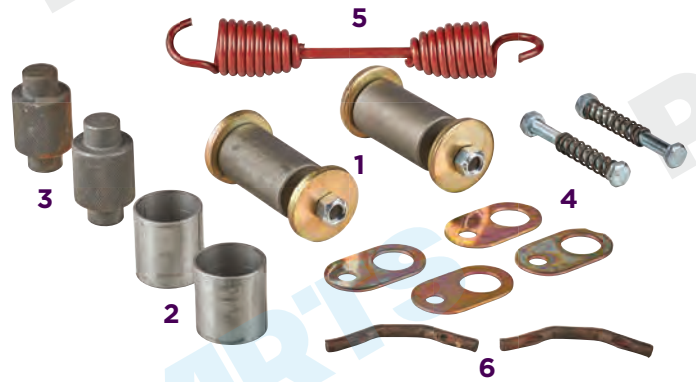
BRAKE SHOE HARDWARE KITS
12-¼" x 7-½"

KIT PART NO.	ITEM	PART NO.	DESC.	QTY
T02-2403 12-¼" x 7-½" 'P' 15" Axles ▪ Cast Shoe ▪ Dana/Spicer Axles (Early) ▪ Standard Forge Axles (Earl  	1	T02-3311	Anchor Pin	2
	2	T02-3216	Link	1
	3	T02-3213	C Clip	2
	4	T02-5509	Lock Nut - ¾" x 16 TPI	2
	5	T02-3455	Return Spring	2
	6	T023215	Anchor Pin Bush	2
	7	T02-3408K	Knurled Roller	2
	8	T02-3409	Roller Pin	2
	9	T02-3170	Set Screw - ¼" x 20 TPI	2
	10	NSS	Circlip	2
T02-2406-AU 12-¼" x 7-½" 'P' 15" Axles ▪ Fabricated Shoe ▪ Dana/Spicer Axles (Early) ▪ Freighter IMT A19H Axles ▪ Standard Forge Axles (Early)  	1	T02-3185	Anchor Pin	2
	2	T02-3186	Washer - Suits 1" Shaft x 1/32" Thick	4
	3	T02-3187	Circlip - Suits 1" Shaft	4
	4	T02-3424K	Knurled Roller	2
	5	T02-3425	Roller Pin	2
	6	T02-3422	Circlip - Suits ¾" Shaft	2
	7	T02-3462	Return Spring	1
	8	T02-3452	Spring Retainer	2
	9	T02-3184	Anchor Pin Bush	2

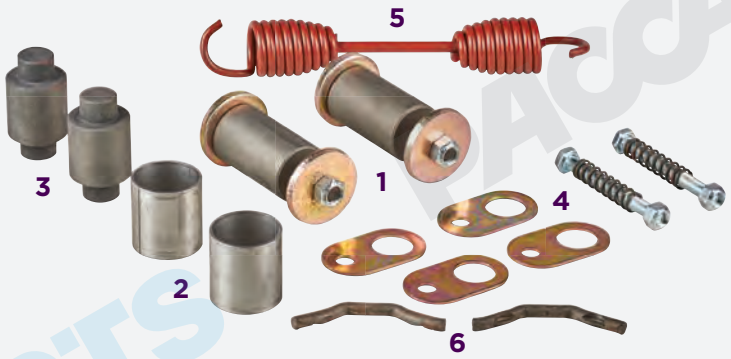
BRAKE SHOE HARDWARE KITS
16-½" x 7"

KIT PART NO.	ITEM	PART NO.	DESC.	QTY
T02-2402-AU 16-½" x 7" (Single Anchor Pin) ▌Eaton JE501-L Axles ▌Eaton Drive Axles 	1	T02-3460	Retainer Spring	2
	2	T02-3459	HD Return Spring	1
	3	T02-3406K	Knurled Roller	2
	4	T02-3407	Roller Pin	2
	5	NSS	Antiseize Lubricant	1
T02-2408-AU 16-½" x 7" 'XEM' (Late XEM Brakes from 1983) 20" Axles ▌Fruehauf Propar Axles ▌Holland Propar Axles 	1	T02-3238	Anchor Pin	2
	2	T02-3207	Anchor Pin Bush	2
	3	T02-3449	Retainer Spring	2
	4	T02-3480	HD Return Spring	1
	5	T02-3403KAU	Knurled Roller	2
	6	T02-3452	Spring Retainer	2
	7	E-3227	Roller Retainer	2
	8	E-1559	Split Pin - ¼" Dia x 1" Long	1
	9	--	Antiseize Lubricant	1

BRAKE SHOE HARDWARE KITS CONTINUED
16-½" x 7"

KIT PART NO.	ITEM	PART NO.	DESC.	QTY
T02-2411-AU 16-½" x 7" 'Q' 20" Axles ▪ Aust Tanner ATN Axles ▪ Colrain TQ & Trailquip Axles ▪ Dana/Spicer (D21/22 & K21/22) Axles ▪ Freighter IMT A22H & F22H Axles ▪ Haulmark Axles ▪ Rockwell 4000/6000 Axles ▪ Rockwell ARN/TN Axles ▪ Rockwell Drive Axles ▪ ROR (Metric) TN Axles ▪ Standard Forge A22 Axles ▪ York 2000 Series Axles ▪ York 2782 & 2784 Series I & II Axles  	1	T02-3237AU	Anchor Pin	2
	2	T02-3207	Anchor Pin Bush	2
	3	T02-3449	Retainer Spring	2
	4	T02-3480	HD Return Spring	1
	5	T02-3403KAU	Knurled Roller	2
	6	T02-3452	Spring Retainer	2
	7	3105B210	Roller Retainer	2
T02-2412-AU 16-½" x 7" 'P' ▪ Aust Tanner ATN Axles ▪ Colrain TQ & Trailquip Axles ▪ Dana/Spicer (D21/22 & K21/22) Axles ▪ Eaton JE07-L Axles ▪ Freighter MK-V Axles ▪ Freighter IMT A22H & F22H Axles ▪ Fruehauf (early) Round & "I" Beam Axles ▪ Fruehauf Propar Axles ▪ GP (Early Type) Axles ▪ Rockwell ARN/TN Axles ▪ Rockwell 4000/6000 Axles ▪ Rockwell Drive Axles ▪ ROR (Metric) TN Axles ▪ Standard Forge A22 Axles ▪ York 2000 Series Axles ▪ York 2782 & 2784 Series I & II Axles  	1	T02-3200AU	Anchor Pin (Bolt-on Type)	2
	2	T02-3207	Anchor Pin Bush	2
	3	T02-3403KAU	Knurled Roller	2
	4	T02-3415AU	Retainer Bolt	1
	5	T02-3451	HD Return Spring	1
	6	T02-3452	Spring Retainer	2

BRAKE SHOE HARDWARE KITS CONTINUED
16-½" x 7"

KIT PART NO.	ITEM	PART NO.	DESC.	QTY
T02-2412S-AU 16-½" x 7" 'P' 20" Axles • Aust Tanner ATN Axles • Colrain TQ & Trailquip Axles • Dana/Spicer (D21/22 & K21/22) Axles • Eaton JE07-L Axles • Freighter MK-V Axles • Freighter IMT A22H & F22H Axles • Fruehauf (Early) Round & "I" Beam Axles • Fruehauf Propar Axles • GP (Early Type) Axles • Rockwell ARN/TN Axles • Rockwell 4000/6000 Axles • Rockwell Drive Axles • ROR (Metric) TN Axles • Standard Forge A22 Axles • York 2000 Series Axles • York 2782 & 2784 Series I & II Axles  	1	T02-3200AU	Anchor Pin (Bolt-on Type)	2
	2	T02-3207	Anchor Pin Bush	2
	3	T02-3403AU	Smooth Roller	2
	4	T02-3415AU	Retainer Bolt	1
	5	T02-3451	HD Return Spring	1
	6	T02-3452	Spring Retainer	2
T02-2413-AU 16-½" x 7" 'P' 20" Axles • Aust Tanner ATN Axles • Colrain TQ & Trailquip Axles • Dana/Spicer (D21/22 & K21/22) Axles • Eaton JE07-L Axles • Freighter MK-V Axles • Freighter IMT A22H & F22H Axles • Fruehauf (early) Round & "I" Beam Axles • Fruehauf Propar Axles • GP (Early Type) Axles • Rockwell ARN/TN Axles • Rockwell 4000/6000 Axles • Rockwell Drive Axles • ROR (Metric) TN Axles • Standard Forge A22 Axles • York 2000 Series Axles • York 2782 & 2784 Series I & II Axles  	1	T02-3207	Anchor Pin Bush	2
	2	T02-3304AU	Anchor Pin (Bolt-on Type)	2
	3	T02-3403KAU	Knurled Roller	2
	4	T02-3415AU	Retainer Bolt	1
	5	T02-3451	HD Return Spring	1
	6	T02-3452	Spring Retainer	2

BRAKE SHOE HARDWARE KITS CONTINUED
16-½" x 7"

T02-2413S-AU
16-½" x 7" 'P'
20" Axles

- Aust Tanner ATN Axles
- Colrain TQ & Trailquip Axles
- Dana/Spicer (D21/22 & K21/22) Axles
- Eaton JE07-L Axles
- Freighter MK-V Axles
- Freighter IMT A22H & F22H Axles
- Fruehauf (early) Round & "I" Beam Axles
- Fruehauf Propar Axles
- GP (Early Type) Axles
- Rockwell ARN/TN Axles
- Rockwell 4000/6000 Axles
- Rockwell Drive Axles
- ROR (Metric) TN Axles
- Standard Forge A22 Axles
- York 2000 Series Axles
- York 2782 & 2784 Series I & II Axles



KIT PART NO.	ITEM	PART NO.	DESC.	QTY
T02-2413S-AU	1	T02-3207	Anchor Pin Bush	2
	2	T02-3304AU	Anchor Pin (Bolt-on Type)	2
	3	T02-3403AU	Smooth Roller	2
	4	T02-3415AU	Retainer Bolt	1
	5	T02-3451	HD Return Spring	1
	6	T02-3452	Spring Retainer	2

BRAKE SHOE HARDWARE KITS



D20-020104H

KIT PART NO.	DESCRIPTION	BRAKE SIZE	QTY
D20-010101H	K Hitch Axle XEM Brake	420 x 180mm Brakes 420 x 220mm Brakes	2 Per Axle
D20-020101H	K Hitch Axle Q Brake	380 x 220mm Brakes 420 x 180mm Brakes	2 Per Axle
D20-020104H	K Hitch Axle P Brake	420 x 180mm Brakes	2 Per Axle
D20-050101H	K Hitch Axle Q Brake	311 x 190mm Brakes	2 Per Axle

ALL KITS SERVICE 1 WHEEL & ARE NOT SOLD AS INDUVIDUAL COMPONENTS

TRANSPEC

BRAKE SHOE HARDWARE KITS
360 x 200mm

KIT PART NO.	ITEM	PART NO.	DESC.	QTY
098063620BH95 Brake 95 - Services 1 Wheel 360 x 200 mm Brakes	1	0318802020	Ring Anchor End C-Clip	4
	2	0533144020	C/Shaft Roller C/with Bush	2
	3	0308475240	Shaft Roller 95 Brake	2
	4	0331070150	Ring Roller Ret Brake 95	4
	5	0539746130	Spring Return 3620 BPW95 HD	2
	6	0339733120	Spring Position 95 Hooked	1
	7	0339733130	Spring Position 95 Straight	1



TRANSPEC

BRAKE SHOE HARDWARE KITS
BPW BRAKE 95 ROLLER KIT

KIT PART NO.	ITEM	PART NO.	DESC.	QTY
0980102910 Brake Shoe Roller Repair Kit Brake 95	1	0533144020	Roller & Bush	2
	2	0308475240	Roller Shaft	2
	3	0331070150	Ring	4



TRANSPEC

BRAKE SHOE HARDWARE KITS
420 x 180mm

KIT PART NO.	ITEM	PART NO.	DESC.	QTY
098064218BH95 Brake 95 - Services 1 Wheel 420 x 180 mm Brakes 	1	0318802020	Ring Anchor End C-Clip	4
	2	0533144020	C/Shaft Roller C/with Bush	2
	3	0308475240	Shaft Roller 95 Brake	2
	4	0331070150	Ring Roller Ret Brake 95	4
	5	0539758040	Spring Return 4218 BPW95 HD	1
	6	0339733120	Spring Position 95 Hooked	1
	7	0339733130	Spring Position 95 Straight	1
098064218BHNG Conventional Brake - Services 1 Wheel 420 x 180 mm Brakes 	1	0311233080	Bush 36 x 40 x 60 Anchor Pin	2
	2	0316723020	Wedge Lock	2
	3	0333134050	Roller 26 x 42 x 78	2
	4	0335000130	Retainer Roller	4
	5	0262016603	Split Pin 6.3 x 90	2
	6	0300108050	Pin 12 x 100	2
	7	0539746070	Spring Return 4218	2
	8	0339744060	R/Spring 4218	4
	9	0308446220	Pin Anchor	2

BRAKE SHOE HARDWARE KITS

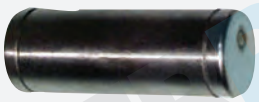
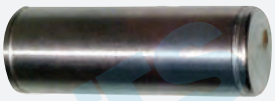
HENDRICKSON
The World Rides On Us®

KIT PART NO.	QTY
98881-043 Q-Brake/HXS 16.5″ x 8-⅝″ 	2 Per Axle
S-23752 Q-Brake/HXS 15″ x 8-⅝″ & 16.5″ x 7″ 	2 Per Axle
98881-039 P Brake 16.5″ x 7″ 	2 Per Axle

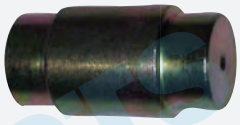
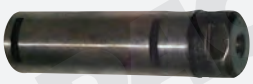
ALL KITS SERVICE 1 WHEEL & ARE NOT SOLD AS INDUVIDUAL COMPONENTS

NOTES

BRAKE SHOE HARDWARE
ANCHOR PINS

PART NO.	OUTSIDE DIAMETER	LENGTH	APPLICATION	COMMENTS	REPLACES
T02-3185 	1″ 25mm	2-13/16″ 71mm	▪ Freighter A19H Axle ▪ Dana Spicer Axle (Late) ▪ Standard Forge Axle (Late)		
T02-3195 	1-1/4″ 32mm	2-3/8″ 60mm	▪ Fruehauf Propar Early XEM Axle		▪ E-2773
T02-3198 	1-1/4″ 32mm	3-19/32″ 91mm	▪ Rockwell H/D Drive Axle	▪ Extended Pin - Circlip Type ▪ Circlip PN - 1229X1116	
T02-3199 	1-1/4″ 32mm	2-3/4″ 70mm	▪ All "P" Brake Axles	▪ Standard Pin - Circlip Type ▪ Circlip PN - 1229X1116	▪ E-1112A
T02-3200AU 	1-1/4″ 32mm	2-3/16″ 56mm	▪ All "P" Brake Axles	▪ Standard Pin - Bolt-on Type	▪ 79787997 ▪ FB3200 ▪ FL15.6527A
T02-3232 	1-1/4″ 32mm	4-13/16″ 74mm	▪ Rockwell GP Drive Axles	▪ Standard Pin - Circlip Type ▪ Circlip PN - 1229X1116	▪ FL15.526

BRAKE SHOE HARDWARE
ANCHOR PINS

PART NO.	OUTSIDE DIAMETER	LENGTH	APPLICATION	COMMENTS	REPLACES
T02-3233 	1-¼" 32mm	3-¾" 95mm	▪ Rockwell GP Drive Axle	▪ Ext Pin - Circlip Type ▪ Circlip PN - 1229X1116 ▪ Used with T02-3302-AU Support Washer	▪ 1259R252 ▪ E-502
T02-3237AU 	1-¼" 32mm	2-¼" 57mm	▪ GP "Q" Brake Anchor Pin ▪ Dana Spicer Fast Change Anchor Pin		▪ 1259N274BULK ▪ 79787526
T02-3238 	1-¼" 32mm	2-⅜" 61mm	▪ Fruehauf Propar Late XEM Axles ▪ Holland Propar XEM Axles		▪ E-3711 ▪ FB3237 ▪ FL15.542
T02-3304AU 	1-¼" 32mm	2-13⁄16" 71mm	▪ All "P" Brake Axles	▪ Ext ended Pin - Bolt-on Type ▪ Used with T02-3302-AU Support Washer	▪ A1259D4A ▪ 79787723 ▪ FB3304
0308446220 	1-7⁄16" 36mm	5-5⁄16" 135mm	▪ BPW New Gen ▪ BPW Lightweight Axles		▪ T02-3317

BRAKE SHOE HARDWARE
ANCHOR PIN BUSHES

PART NO.	O.D.	I.D.	LGTH	MAT	APPLICATION	COMMENTS	REPLACES
T02-3215 	1-1/16" 27mm	1" 25mm	1-11/16" 43mm	Bronze	• Dana Spicer Axles (Early) • Standard Forge Axles (Early)		• E-1808 • 23.1027
T02-3184 	1-1/8" 29mm	1" 25mm	1-7/16" 37mm	Stainless Steel	• Freighter A19H Axle • Dana Spicer Axle (Late) • Standard Forge Axle (Late)		• E-2389
T02-3206 	1-3/8" 35mm	1-1/4" 32mm	1-7/16" 37mm	Stainless Steel	• Fruehauf Axle (Early) • Fruehauf Propar Axle	• Offset Slot • Can use T02-3207 if using Bolt-on Type Anchor Pins	• E-920 • WT3206
T02-3207 	1-3/8" 35mm	1-1/4" 32mm	1-7/16" 37mm	Stainless Steel	• All GP Type Axles	• 1-1/4" Anchor Pins	• 1225B496BULK • WT3207 • E-1893B
T02-3207B 	1-3/8" 35mm	1-1/4" 32mm	1-13/32" 36mm	Stainless Steel/ Bronze	• All GP Type Axles	• 1-1/4" Anchor Pins • Same as T02-3207 but Bronze Lined	• 79501787 • WT3207B
T02-3231 	1-3/8" 35mm	1-1/4" 32mm	1-7/16" 37mm	Stainless Steel	• Rockwell Drive Axles	• Centre Slot • Can use T02-3207 if not using Bolt-on Type Anchor Pins	• 1225G449 • WT3213
0311233080 	1-19/32" 40mm	1-7/16" 37mm	2-3/8" 60mm	Steel	• BPW Old & New Gen Axles		

I.D. - INSIDE DIAMETER O.D. - OUTSIDE DIAMETER LGTH - LENGTH MAT - MATERIAL

NOTES

BRAKE SHOE HARDWARE
ANCHOR PIN ASSOCIATED HARDWARE

Product Type

Roll Pin
T02-3204

- 5⁄16" 8.2mm Outside Diameter
- 1-3⁄4" 44mm Overall Length
- Suits Fruehauf Propar Axle
- Replaces E-626, 1199E1695



Plate
T02-3216

- 3-5⁄8" 92mm Outside Diameter
- 1-1⁄2" 39mm Overall Length
- Suits Dana Spicer Axles (Early)
- Suits Standard Forge Axles (Early)
- Repalces E-1289, WT3342



Plate
0316723020

- 2-1⁄16" 52mm Overall Width
- 2-1⁄4" 58mm Overall Length
- Suits BPW New Generation Axle
- Suits BPW 9000 Lightweight Axle
- 2 per Wheel



Grease Nipple
T02-3223

- Suits BPW Old Generation Axle
- 3⁄4" A/F / 19 mm A/F
- Replaces WT3315



Screw
T02-3224

- 1-9⁄16" 40mm Overall Length
- Suits BPW Old Generation Axle
- Anchor Pin Locating Screw
- M10 x 5⁄8" A/F
- M10 x 16mm A/F
- Replaces WT3311



Nut
E-1107

- 3⁄4" 19mm Overall Length



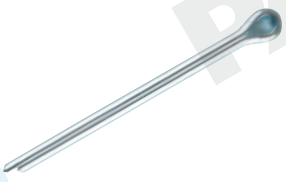
Grub Screw
T02-3170

- 1⁄4" 6mm Overall Length
- Suits Dana Spicer Axles (Early)
- Suits Standard Forge Axles (Early)
- Replaces E-773



Split Pin
0262016603

- 3⁄8" 10mm Outside Diameter
- 3-1⁄2" 90mm Overall Length
- Suits BPW New Gen Axles
- Suits BPW 9000 Lightweight Axles

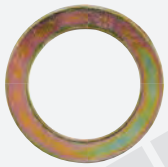


Split Pin
E-1559

- 1⁄4" 6mm Outside Diameter
- 1" 25mm Overall Length



BRAKE SHOE HARDWARE
WASHERS

PART NO.	SHAFT SIZE	I.D.	THICKNESS	APPLICATION	NOTES	REPLACES
T02-3102 	1-½″ 38mm	2-¼″ 57mm	1/16″ 1.6mm	▌Eaton E34 Axle		▌1005480
T02-3186 	1″ 25mm	1-½″ 38mm	1/32″ 0.08mm	▌Freighter A19H Axle ▌Dana Spicer Axle (Late) ▌Standard Forge Axle (Late)		▌E-2391
T02-3203 	1-¼″ 32mm	1-⅞″ 48mm	1/32″ 0.08mm	▌All 1-¼″ Anchor Pin 'P' Brake Axles		▌WT3203 ▌1005487
T02-3302AU 	1-¼″ 32mm	1-¾″ 45mm	5/16″ 8mm	▌Support Washer for 'P' Brake Shoes	▌Used with extended Anchor Pins	▌FL35.8101A
T02-3304WAU 	⅜″ 10mm	1-⅝″ 41mm	¼″ 6mm	▌'P' Brake Anchor Pin Washers	▌Suits T02-3200AU & T02-3304AU Bolt-on Anchor Pins	▌WT3304W

I.D. - INSIDE DIAMETER

NOTES

BRAKE SHOE HARDWARE
CIRCLIPS

PART NO.	SHAFT SIZE	I.D.	THICKNESS	APPLICATION	NOTES	REPLACES
T02-3104 	1-¼″ 32mm	1-5⁄32″ 29mm	3⁄32″ 2.4mm	▌Suits 1-¼″ Anchor Pins	▌Wide Groove Type	▌E-5093
1229Z1118 	1-½″ 38mm	1-3⁄8″ 35mm	1⁄16″ 1.6mm	▌Eaton E34 Axle		
T02-3187 	1″ 25mm	29⁄32″ 23mm	3⁄64″ 1.1mm	▌Freighter A19H Axle ▌Dana Spicer Axle (Late) ▌Standard Forge Axle (Late)		▌E-2392 ▌34.1527
1229X1116 	1-¼″ 32mm	1-5⁄32″ 29mm	1⁄16″ 1.6mm	▌1-¼″ Anchor Pin 'P' Brake Axles		
T02-3213 	¾″ 19mm	25⁄32″ 20mm	1⁄16″ 1.6mm	▌Dana Spicer Axle (Early) ▌Standard Forge Axle (Early)		▌E-1106
0318802020 	1-¼″ 32mm	1-¼″ 32mm	⅜″ 10mm	▌BPW Brake 95	▌Spring Clip for Retaining Shoes to Anchor Pins	
T02-3422 	¾″ 19mm	11⁄16″ 17mm	3⁄64″ 1.1mm	▌Freighter A19H Axles ▌Dana Spicer Axles (Late) ▌Standard Forge Axles (Late) ▌Rockwell TN Axles		▌E-527 ▌WT3425

I.D. - INSIDE DIAMETER

BRAKE SHOE HARDWARE
ROLLERS, RETAINERS & PINS

ROLLERS

PART NO.	TYPE	LARGE DIA	SMALL DIA	LGTH	APPLICATION	NOTES	REPLACES
T02-3403AU 	Smooth Rollers	1-¼" 32mm	¾" 19mm	2-¼" 57mm	Most GP Axles		2297T7222 FB3403
T02-3404AU 		1-⅜" 35mm				⅛" Oversize	FB3404
T02-3405AU 		1-½" 38mm				¼" Oversize	FB3405 FL32.1427
T02-3403KAU 	Knurled Rollers	1-¼" 32mm					FB3403K
T02-3404KAU 		1-⅜" 35mm				⅛" Oversize	FB3404K
T02-3405KAU 		1-½" 38mm				¼" Oversize	FB3405K

DIA - DIAMETER LGTH - LENGTH

BRAKE SHOE HARDWARE
ROLLERS, RETAINERS & PINS

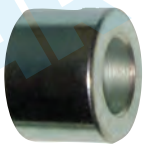
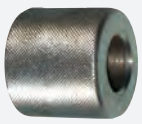
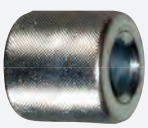
ROLLERS

PART NO.	TYPE	LARGE DIA	SMALL DIA	LGTH	APPLICATION	NOTES	REPLACES
0333134050 	Smooth Rollers	1-$^{21}/_{32}$" 42mm	1" 26mm	3" 78mm	▪ Conventional Brake <1995 ▪ BPW New Generation Axle ▪ BPW 9000 Lightweight Axle		

DIA - DIAMETER LGTH - LENGTH

BRAKE SHOE HARDWARE CONTINUED
ROLLERS, RETAINERS & PINS

ROLLERS — 2 PIECE

PART NO.	TYPE	O.D.	I.D.	LGTH	APPLICATION	NOTES	REPLACES
T02-3406 	Smooth Rollers	1-⅝" 41mm	¹⁵⁄₁₆" 24mm	¹³⁄₁₆" 20mm	• Eaton JE501-L Axles	• Used in conjunction with Roller Pin T02-3407	• E-595
T02-3406K 	Knurled Rollers						• E-2217A
T02-3416 	Smooth Rollers	1-⅜" 35mm	¾" 19mm	1" 25mm	• Dana Spicer Axles (Early) • Standard Forge Axles (Early)	• ⅛" Oversize • Used in conjunction with Roller Pin T02-3409 & Grub Screw T02-3170	• E-505
T02-3417 	Smooth Rollers	1-½" 38mm		1" 25mm	• Dana Spicer Axles (Early) • Standard Forge Axles (Early)	• ¼" Oversize • Used in conjunction with Roller Pin T02-3409 & Grub Screw T02-3170	• E-504 • FB3417
T02-3424K 	Knurled Rollers	1-½" 38mm		1-⅜" 35mm	• Freighter A19H Axles • Dana Spicer Axles (Late) • Standard Forge Axles (Late)	• Used in conjunction with Roller Pin T02-3425 & Circlip T02-3422	• E-2395
0533144020 	Smooth Rollers	1-¾" 45mm	1" 26mm	1-⅝" 33mm	• BPW Brake 95	• Includes 0311200620 Bush • Used in conjunction with Roller Pin 0308475240 & Retainer Ring 0331070150	
T02-3479K 	Knurled Rollers	1-½" 38mm	¾" 19mm	1-⅞" 37mm	• Rockwell TN Axles with 12-¼" x 7-½" Brakes	• Used in conjunction with Roller Pin T02-3478 & Circlip T02-3422	• E-3483

I.D. - INSIDE DIAMETER O.D. - OUTSIDE DIAMETER LGTH - LENGTH

BRAKE SHOE HARDWARE CONTINUED
ROLLERS, RETAINERS & PINS

ROLLERS PINS

PART NO.	O.D.	LGTH	APPLICATION	NOTES	REPLACES
T02-3407 	15/16" 24mm	1-11/16" 43mm	Eaton JE501-L Axles	Used in conjunction with Roller T02-3406	E-596A
T02-3409 	3/4" 19mm	2-1/4" 57mm	Dana Spicer Axles (Early) Standard Forge Axles (Early)	Used in conjunction with Roller T02-3417 & Grub Screw T02-3170	E-501 WT3434
T02-3425 	3/4" 19mm	2-1/2" 64mm	Freighter A19H Axles Dana Spicer Axles (Late) Standard Forge Axles (Late)	Used in conjunction with Rollers T02-3424K, T02-3424K-05 & Circlip T02-3422	E-2396
T02-3478 	3/4" 19mm	2-7/16" 62mm	Rockwell TN Axles	Used in conjunction with Roller T02-3479K & Circlip T02-3422	E-3482
0308475240 	1" 25mm	2-9/32" 58mm	BPW Brake 95	Used in conjunction with Roller 0533144020, Roller Bush 0311200620 & Retainer Ring 0331070150	

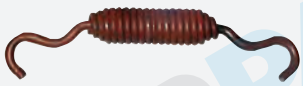
O.D. - OUTSIDE DIAMETER LGTH - LENGTH

NOTES

BRAKE SHOE HARDWARE CONTINUED
ROLLERS, RETAINERS & PINS

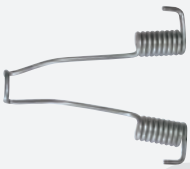
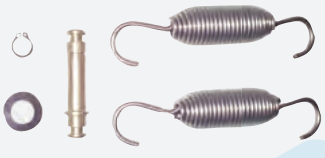
ROLLERS RETAINERS			
PART NO.	**APPLICATION**	**NOTES**	**REPLACES**
E-3227 	▪ Fruehauf Propar Axles 16-½" x 7" Brakes	▪ Can use T02-3415AU for HD Applications	
3105B210 	▪ 'Q' Brake/Fast Change Type Brakes	▪ Can use T02-3415AU for HD Applications	▪ E-3007A ▪ WT3418
T02-3399 	▪ Fruehauf Propar Axles 12-¼" x 8" Brakes		▪ E-1581
T02-3401 	▪ 'P' Brake Type Axles	▪ Can use T02-3415AU for HD Applications	▪ E-539 ▪ 34.1529
T02-3415AU 	▪ Most GP Axles	▪ HD Option	▪ WT3417 ▪ TP3417
0335000130 	▪ BPW New Gen Axles ▪ BPW 9000 Lightweight Axles		
0331070150 	▪ BPW Brake 95	▪ 15⁄16" 24mm Outside Diameter ▪ 3⁄64" 3.6mm Thickness ▪ Used in conunction with Roller 0533144020, Roller Pin 0311200620 & Retainer Ring 0308475240	

BRAKE SHOE HARDWARE
RETURN SPRINGS

SPRINGS — BRAKE RETURN/RETAINER					
PART NO.	**O.D.**	**LGTH**	**APPLICATION**	**NOTES**	**REPLACES**
T02-3449 	¾″ 19mm	5-½″ 140mm	'Q' Brake/Fast Change Axles	2 required per wheel	E-2767
T02-3451 	1-¼″ 32mm	7-15⁄16″ 202mm	'P' Brake Axles - HD	1 required per wheel Off-Road extra HD use MB7016	E-1880B WT3451
T02-3451S 	1-⅛″ 29mm	7-15⁄16″ 202mm	'P' Brake Axles - Standard	1 required per wheel	E-545A
T02-3455 	¾″ 19mm	4-3⁄16″ 106mm	Dana Spicer Axles (Early) Standard Forge Axles (Early)	2 required per wheel	E-2101
T02-3456 	1″ 25mm	6″ 153mm	Eaton E34 Axle	2 required per wheel	E-1402-TU R567004
T02-3459 	1-⅛″ 29mm	10-13⁄16″ 275mm	Eaton JE501-L Axles	1 required per wheel	E-1428S
T02-3460 	1″ 25mm	7-1⁄16″ 180mm	Eaton JE501-L Axles	2 required per wheel	E-1418
0339734110 	27⁄32″ 21mm	7-1⁄16″ 180mm	BPW Old Gen Axles	2 required per wheel	
T02-3462 	1″ 25mm	6-½″ 166mm	Freighter A19H Axles Dana Spicer Axles (Late) Standard Forge Axles (Late)	1 required per wheel	E-2398 2258V256
T02-3468 	1″ 25mm	10-¼″ 260mm	BPW Old Gen Axles BPW New Gen Axles BPW 9000 Lightweight Axles	2 required per wheel	WT3459

O.D. - OUTSIDE DIAMETER LGTH - LENGTH

BRAKE SHOE HARDWARE
RETURN SPRINGS

SPRINGS — BRAKE RETURN/RETAINER					
PART NO.	**O.D.**	**LGTH**	**APPLICATION**	**NOTES**	**REPLACES**
T02-3475 	27/32″ 21mm	4-1/8″ 105mm	BPW New Gen Axles BPW 9000 Lightweight Axles	2 required per wheel	WT3470
T02-3476 	1-3/32″ 28mm	6-3/4″ 172mm	Fruehauf Propar Axles	1 required per wheel	E-1583
T02-3477 	1-1/8″ 29mm	6-15/16″ 176mm	Rockwell TN Axles	1 required per wheel	E-3481A
T02-3480 	1-1/4″ 32mm	8-3/8″ 213mm	'Q' Brake/Fast Change Axles - HD	1 required per wheel	E-3490S
0539758040 	1-1/3″ 34mm	10-13/16″ 274mm	BPW Brake 95 Axles 4218	1 required per wheel	T02-3481
0539746130 	24.5mm	236mm	BPW Brake 95 Axles 3620	2 required per wheel	
0339733120 	3/4″ 19mm	4-1/2″ 115mm	BPW Brake 95 Axles	1 required per wheel Brake Shoe Positioning	
0339733130 	3/4″ 19mm	4-1/2″ 115mm	BPW Brake 95 Axles	1 required per wheel Brake Shoe Positioning	
T02-8408-0 	1″ 25mm	5-7/8″ 148mm	Slack Adjuster Return Spring Kit for 1/2″ Clevis Pin	1 required per wheel	03.8408.0

O.D. - OUTSIDE DIAMETER LGTH - LENGTH

BRAKE SHOE HARDWARE CONTINUED
RETURN SPRINGS

SPRING KIT — BRAKE RETURN/RETAINER		
PART NO.	**APPLICATION**	**NOTES**
3620SPK1T 	▌BPW Brake 95 Axles 360 x 200mm Brakes	▌Services 1 Axle ▌Contains: 4x Return Spring 4x Positioning Spring 8x Retainer Clips 2x Slack Adjuster Return Spring
4218SPK1T 	▌BPW Brake 95 Axles 420 x 180mm Brakes	▌Services 1 Axle ▌Contains: 2x Return Spring 4x Positioning Spring 8x Retainer Clips 2x Slack Adjuster Return Spring

BRAKE SHOE HARDWARE CONTINUED
RETURN SPRINGS

PINS — BRAKE RETURN/RETAINER				
PART NO.	OUTSIDE DIAMETER	OVERALL LENGTH	APPLICATION	REPLACES
T02-3452 	¼″ 6mm	2-¾″ 71mm	▪ Can be used on All GP Applications	▪ E-747 ▪ WT3452 ▪ 1218G85BULK
T02-3452HD 	31/64″ 12mm	2-9/16″ 66mm	▪ Can Be Used on All GP Applications ▪ HD version T02-3452	▪ 3.3702.1
T02-3466 	31/64″ 12mm	4-¾″ 120mm	▪ BPW Old Gen Axles	▪ 0308442020 ▪ WT3458
0300108050 	15/32″ 12mm	3-15/16″ 99mm	▪ BPW Old Gen Axles ▪ BPW New Gen Axles ▪ BPW 9000 Lightweight Axles	

NOTES

PART NUMBERS INDEX

PART NO.	CH	PAGE
001-7000	2.2	79
001-70003	2.2	79
002573	2.2	225
	4.6	392
0210404500-450	2.2	57
0218270400	2.2	59
0224001100	2.2	59
0250298521	2.2	59
0250298720	2.2	59
0250298821	2.2	59
0250511021	2.2	59
0254011608	2.2	59
0256061290	2.2	49 51 55
0256062290	2.2	53 57 59 63 65
0256064090	2.2	49 51 55
0256065890	2.2	57 59 63 65
0256066090	2.2	53
0256160590	2.2	37 41 45
	4.1	419
0256642657	2.2	43 39
0256645700	2.2	49 51 55
0256645800	2.2	53
0256647400	2.2	57 59
0256647700	2.2	63 65
0256760100	2.2	37 41 45
	4.1	419
0256773742	2.2	33 37 41 45
	4.11	420
0256779040	2.2	43 49 51 55
0256780000	2.2	39 53 57 59 63 65
0256785300	2.2	35 39
0256785400	2.2	43
0256787200	2.2	63
0256792300	2.2	33 37 41 45
	4.11	421
0256819800	2.2	49 51 55
0256836200	2.2	49 51 55
0256836300	2.2	53
0260103960	2.2	65
0262016603	2.2	37 41 45
	5.7	468
0262018201	2.2	43 47
0262018401	2.2	35 39
0262020401	2.2	33 329
0264102200	2.2	57 59 63 65
0264102300	2.2	57 59 63 65
0264102400	2.2	55
0264102500	2.2	55
0300061843	2.2	47
0300108050	2.2	33 37 41
	5.1	481
0301004080	2.2	35
0301004150	2.2	43 47
0301005170	2.2	35
0301005220	2.2	39
0301093330	2.2	49 51 55
0301093340	2.2	53 57 59 63 65
0308446220	2.2	33 37 41 45
	5.6	465
0308471170	2.2	49 51 53 55 65
0308475240	2.2	37 41 45
	5.9	475
0308834060	2.2	55
0308834070	2.2	55
0308834150	2.2	55 59 65
0308834160	2.2	59 65
0308835120	2.2	59 65
0308835140	2.2	59 65
0310967130	2.2	51 57 63
0310967170	2.2	43 57
0310967740	2.2	51 53 57 63
0310967780	2.2	57 63
0310967810	2.2	39 57
0310967870	2.2	51 53 57 63
0310990030	2.2	47
0310990220	2.2	47 49
0311200620	2.2	37 41 45
0311233080	2.2	33 37 41 45
	5.6	466
0311244340	2.2	33 37 41 45
	4.8	413
0311303060	2.2	41
	4.8	406
0311314040	2.2	33 37 41 45
	4.8	413
0312042020	2.2	33 37 41 45
	4.11	424
0312042080	4.11	425
0312042090	4.11	425
0312043100	2.2	37 45
	4.11	425
0312043190	2.2	33 37 41 45
	4.11	425
0312045160	2.2	57 59 63 65
0312047050	2.2	43
0312048130	2.2	53
0312048150	2.2	57 59 63
0316723020	2.2	37 41 45
	5.7	468

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
0318802020	2.2	37 41 45
	5.8	471
0318803060	2.2	49 51 55
0318804080	2.2	53 65
0318804100	2.2	57 61 63 65
0321223090	2.2	43 47
0321224020	2.2	35
0321224070	2.2	39
0321224250	2.2	49 51 55
0321225080	2.2	53
0321225310	2.2	57 61
0321225310C	2.2	61
0321229060	2.2	63
0321229060TS	2.2	65
0321229088CTS	2.2	63 65
0322902180	2.2	37 41 45
	4.9	414
0322902190	2.2	37 41 45
	4.9	414
0323213020	2.2	33
0326004060	2.2	47 55
0326216080	2.2	43 47
0326217080	2.2	35
0326217120	2.2	39 65 65
0326646020	2.2	49 51 55
0326647030	2.2	53 65
03272246380	2.2	59
0327227410	2.2	49
0327228560	2.2	47 49
0327228630	2.2	51
0327228700	2.2	47
0327228710	2.2	55
0327228770	2.2	55
0327232030	2.2	51 55
0327232040	2.2	55
0327232060	2.2	51
0327243460	2.2	57 63
0327243470	2.2	59 65
0327244510	2.2	65
0327246282	2.2	57
0327246380	2.2	65
0327246390	2.2	57 63
0327247440	2.2	59 65
0327247450	2.2	53 57 63
0327248880	2.2	53
0327700070	2.2	57 61 63 65
0328555490	2.2	33 37 41
	4.9	414
0329623170	2.2	47 55
0329623240	2.2	47 55
0329633090	2.2	47
0329633121	2.2	55
0329633161	2.2	55
0331008140	2.2	57 63 65
0331008530	2.2	55 57
0331009390	2.2	61
0331012240	4.12	432
0331070150	2.2	37 41 45
	5.9	476
0331097150	2.2	35
0331097300	2.2	39
0331097310	2.2	43 47
0331097320	2.2	43 47
0331098140	2.2	33
0331098210	2.2	39
0331098240	2.2	39
0332011161	2.2	33 37 41 45
	4.12	430
0332064010	2.2	53
0332065050	2.2	59 65
0332073130	2.2	49 51 55
0332876510	2.2	39 63
0333134020	2.2	33
0333134050	2.2	37 41 45
	5.9	473
0334012260	2.2	59
0334012310	2.2	59
0334012320	2.2	59
0335000130	2.2	37 41 45
	5.9	476
0335030020	2.2	33 37 41 45
	4.11	426
0337007470H	4.9	39
0337007720	2.2	57 59
0337007760	2.2	49 51 55
0337007770	2.2	53
0337007820	2.2	63 65
0337025160	2.2	49 51 55
0337026240	2.2	53 57 59 63 65
0337051070	2.2	43
0337203020	2.2	39 43
0339733120	2.2	37 41 45
	5.1	479
0339733130	2.2	37 41 45
	5.1	479
0339734110	2.2	33
	5.1	478
0339744060	2.2	37 41 45
0509114771	5.5	451
0509119220	5.5	451
0509119220BH95	5.4	451
0509146320BH95	4.9	45 47
0509146320BH95	5.4	451
0509146321	2.2	35
	5.5	451
0509147041	5.5	451
0509251261	4.2	374
0509700K1T	2.2	35 39 43 47
	4.6	388
0509705174	2.2	33
	4.1	368
0509705184	2.2	33
	4.1	368
0509705234	2.2	37 41
	4.1	368
0509705244	2.2	37 41
	4.1	368
0509705254	2.2	37 41 45
	4.1	368
0509705264	2.2	37 41 45
	4.1	368
0509PLATE	4.5	386
0517452610	2.2	33 37 41 45
0517452610	3.1	348
0517465130	3.1	348
0517482212	3.1	350
0517482242	3.1	350
0526014120	2.2	33 37 41 45
	4.1	419
0526054100	2.2	47 55

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
0526054141	2.2	55
0531007291	2.2	55
0531008441	2.2	57
0531008501	2.2	61
0533144020	2.2	37 41 45
	5.9	474
0536270600RAT	2.2	59
0536270610RAT	2.2	59
0536270620RAT	2.2	59
0536270630RAT	2.2	59
0537006480	2.2	43 47
0537007130	2.2	33
0537007430	2.2	39
0539726020	2.2	37 41 45
0539726030	2.2	37 41 45
0539745140	2.2	45
0539746070	2.2	37 41
0539746130	2.2	45
	5.1	479
0539758040	2.2	37 41
	5.1	479
0557482433	3.1	350
0580149430	2.2	57 63
0580700440	2.2	57 61 63 65
0936272110TS	2.2	59
0936272120TS	2.2	59
0936272131TS	2.2	59
0936272141TS	2.2	59
0980102630	2.2	61
0980102720TS	2.2	55
0980102720TSSC	2.2	55
0980102910	5.5	460
0980106240/310	2.2	61
0980106320	2.2	61
0980106330	2.2	61
0980106330KB	2.2	61
0980106360TS	2.2	57
0980107040TS	2.2	57 61

PART NO.	CH	PAGE
0980107040TSSC	2.2	57 61
0980107040TSSCT	2.2	57
0980107050TS	2.2	63 67
0980107050TSSC	2.2	63 67
0980107092 CONVTS	2.2	67
0980107092EPTS	2.2	67
0980107092TS	2.2	67
0980107611	2.2	61
0980107620	2.2	61
0980107631	2.2	61
0980107681	2.2	59
0980107940	2.2	59
0980107960	2.2	59
0980108151	2.2	59
0980108161	2.2	59
0980108850	2.2	35 39 43 47
	4.7	402
0980109050	2.2	65
0980109060	2.2	63
0980623500	2.2	57 61 63 65
098063620BH95	5.5	460
098064218BH95	2.2	39 43
098064218BH95	5.5	461
098064218BHNG	2.2	39 43
	5.5	461
10002	2.2	101
10002	2.2	125
1011004002	2.2	189 193
1011008500	2.2	181 185 197 199 203 207
1011008600	2.2	181 185 197 199 203 207
101289	3.1	349
102292	2.2	95

PART NO.	CH	PAGE
1051104400	2.2	189
1064026002	2.2	181
1064027700	2.2	185
1064029800	2.2	181
1064030500	2.2	193
1064030600	2.2	189
1090424	4.12	431
1092200100	2.2	189 193
1092200200	2.2	189 193
1093000500	2.2	189
1094003400	2.2	189 193
	4.12	431
1151000800	2.2	181 185
1173300200	2.2	189 193
	4.11	425
1203023	3.2	352
1225-N-1158	2.2	119
	4.8	411
1229X1116	2.2	275 279 283 287 291 295 307 313 325 329 331 335 339
	4.1	418
	5.8	471
1229Z1118	2.2	279 291 307 313 317 323 325 329 331 335 339
	4.1	418
	5.8	471
1230010604	2.2	189 193
	4.8	406
1265001900	2.2	181 185
1265002100	2.2	189 193

PART NO.	CH	PAGE
12999737	2.2	125
12999796	2.2	129 131
12999797	2.2	129
1303107512	2.2	185 193
1303111210	2.2	181
1303112810	2.2	197 199 203 207
1304001600	2.2	189
1337004000	2.2	189 193
1345000801	2.2	189 193
1395100500	2.2	191 193
1398005600	2.2	189
1447003600	2.2	181 191 195
	3.5	358
1447003700	2.2	187
1447003800	2.2	191 193
1447005801	2.2	181 185
15213430	2.2	291 295
	4.9	415
201225	3.3	354
2056012000	2.2	193
21016721	2.2	119
211573	3.3	354
212192575	2.2	291
	4.1	367
212192585	2.2	291
	4.1	367
21219862	2.2	119
	4.12	430
21221070S	2.2	295
	4.1	367
21221071S	2.2	295
	4.1	367
21224522	2.2	293
21225705	2.2	119
	4.8	411
21227113N	2.2	119
	4.1	367
21227114N	2.2	119
	4.1	367

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
2175029400	2.2	187
2175030600	2.2	191 195
	3.1	348
2193004600	2.2	201 205
2205000300	2.2	201 205
2205000400	2.2	201 205
2210-C-6165	2.2	283
	4.1	371
2210-D-6166	2.2	283
	4.1	371
2210A7671	4.1	370
2210P7452	4.1	370
2210P7660	4.1	370
2210Q7453	4.1	370
2210Q7661	4.1	370
2210V7536FW	4.1	370
2210V7718	4.1	370
2210W7537FW	4.1	370
2210W7719	4.1	370
2210Z7670	4.1	370
2262026902	2.2	191 195
	4.1	365
2262027002	2.2	191 195
	4.1	365
2262110802	2.2	187
	4.1	368
2262110902	2.2	185
	4.1	368
2262111402	2.2	181
	4.1	368
2262111502	2.2	181
	4.1	368
2376101300	2.2	201 205
2501880	2.2	197
278323EF	2.2	119
3005017100	2.2	187
3005017300	2.2	181
3005021900	2.2	191 195
3011004001	2.2	189 193

PART NO.	CH	PAGE
3029023100	2.2	181 185 191 195
3029024200	2.2	197 201 205 209
3055012000	2.2	181
	5.5	452
3055012800	2.2	185
	5.5	452
3055013300	2.2	189 193
	5.5	452
3057008002	2.2	197 199 203
3057008500	2.2	207
3057391200	2.2	193
3079001601	2.2	197 199 203
3080005901	2.2	207
3080006001	2.2	207
3080007100	2.2	197 199 203
3080007200	2.2	197 199 203
3105B210	2.2	275 279 287 313 325 331 335
	5.9	476
3213002301	2.2	189 193
32215T1M	2.2	329
32217T1M	2.2	329
3222185900	2.2	203
3222186000	2.2	203
3222186100	2.2	199
3222186200	2.2	199
32310T1M	2.2	43 47 49 51
3268004700	2.2	181 185 189 193
	4.8	406

PART NO.	CH	PAGE
3268005000	2.2	181 185
	4.8	413
330-3009	2.2	81 85 89
3302114500	2.2	185 193
3304008600	2.2	193
3304010201	2.2	181 185 197 199 203 207
3304010301	2.2	185 207
3307303900	2.2	193
3307304800	2.2	197
3307304900	2.2	197 199 203 207
3307305001	2.2	185
3307305200	2.2	181
3307305500	2.2	197
3307305700	2.2	181
33116T1M	2.2	43 47 49 51
33118T1M	2.2	39 53
3317000400	2.2	191 195
	4.7	403
3317001600	2.2	181 187
	4.7	403
33213T1M	2.2	35 39 53
33217T1M	2.2	35
33272215	2.2	193 197
3341002319	2.2	201 205
3341102200	2.2	187
3341202319	2.2	201 205
3341292419	2.2	189
3357020600	2.2	201 205
3424200100	2.2	203
3434301600	2.2	189 193

PART NO.	CH	PAGE
3434301700	2.2	189 193
3434301918	2.2	181
3434302218	2.2	197 199 203 207
3434302500	2.2	181 185 197 199 203 207
3434332700	2.2	197
3434332800S	2.2	197
3434350202	2.2	181 187
	3.1	350
3434365200	2.2	181 185
3434365300	2.2	181
	5.4	452
3434365700	2.2	201 205
3434366000	2.2	197 199 203 207
3434366300	2.2	197 199 203 207
3434381400	2.2	207
3434381500	2.2	207
3434382701	2.2	197 201 205
3434382900	2.2	201 205
3434382900S	2.2	197
3434402100	2.2	185
359-5990	2.2	309 315 319 333 337
3606304900	2.2	197
3620SPK1T	5.1	480
373-0223	2.2	95 105 109 125 127
373-0243	2.2	79 83 89 125
393-0173	2.2	161

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
393-0273	2.2	99 125
4011003901	2.2	189 193
4018006301	2.2	181
4018006401	2.2	181
4029101300	2.2	185
4029107000	2.2	181 185 201 205 209
4051700110	2.2	181 185
4079001501	2.2	207
4131000800	2.2	185 189 193
	4.11	425
4175031400	2.2	181
4177301800	2.2	187 191 195
4187000900	2.2	189 193
4187001000	2.2	181 185
4194202500	2.2	187 191 195
4199100200	2.2	181 185
4200006000	2.2	189 193
4200100600	2.2	189 193
4201000100	2.2	199 203
4201000200	2.2	199 203
4201000500	2.2	189 193
4202101150	2.2	201 205
4218SPK1T	5.1	480
4230017000	2.2	199 203
42473012015	2.2	181 185 193 197 199 203 207
4247401480	2.2	201 205
4304010301	2.2	181 197 199

PART NO.	CH	PAGE
4315004800	2.2	189 193
	4.11	420
4315006400	2.2	193
4315007500	2.2	181 185 197 199 203 207
4315008200	2.2	181
4337200801	2.2	187 195
4337202601	2.2	189 193
4337202700	2.2	187 191 195
4337202800	2.2	181
4342001780	2.2	199 203
4342290300	2.2	189
4343002388	2.2	201 205
4343107588	2.2	187 191 195
4343208001	2.2	199 203
4343290400	2.2	189 193
4343291888	2.2	189
4373003501	2.2	189 193
4373004700	2.2	181
4375100610	2.2	197 199 203 207
4375100810	2.2	197 199 203 207
4375100912	2.2	197 199 203 207
4375400188	2.2	201 205
4398401000	2.2	189
4410350010	2.2	197
4434382200	2.2	183 197
4434382800L	2.2	183
4454300400	2.2	201 205

PART NO.	CH	PAGE
450434	2.2	277 281 285 289 293 297 309 315 319 327 333 337
46305S	2.2	119
49AW516P	2.2	147 151 157 161 165 169 173
49AWM10P	2.2	139 143 147 153 159 161 167
49AWM12P	2.2	139 143 147 153 159 161 167
49FHM08125016	2.2	139 143 147 153 157 161 167
49HB08125040	2.2	161
49HB516UNC100	2.2	147 151 157 165 173
49HBM08125025P	2.2	151 157 165 169
49HBM10150020	2.2	139 143 147 153 159 161 167
49HBM12175020	2.2	139 143 147 153 159 161 167
49HBM16150045	2.2	169

PART NO.	CH	PAGE
49LNM1615	2.2	169 173
49SHC832UNC	2.2	171
49SHM14150050	2.2	173
49SHM14150055	2.2	173
49SHM16200035	2.2	169
52743-11	2.2	79
5387001105	2.2	189 193
5387004203	2.2	183 203 207
600026	2.2	233
610	2.2	307
610-1	2.2	275 279 287 291 295 331
61137370EF	2.2	103 107 339
	3.1	349
617103001EF	2.2	79
	3.1	348
6401951310	2.2	123
6401951320	2.2	123
6402251200	2.2	127 131
6402251210	2.2	127 131
6402259212	2.2	125 129 131
665AT1M	2.2	307
7910005480	2.2	151
7910008846	2.2	165
7910018609	2.2	171
7910036723	2.2	169
7910036738	2.2	151
79102190	2.2	151 165
79104144	2.2	153 167 171
79104940	2.2	143
79105459	2.2	153 159 167
7921104	2.2	141 145 149 153 163

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
7921153	2.2	159 167
793314	2.2	157 165
7950035601	2.2	141 145 147 153 159 163 167
79500358	2.2	139 145 147 153 159 161 167
79500362	2.2	149 153 159 163 167
	4.8	410
79500363	2.2	149 153 163
	4.9	415
79500372	2.2	141 145 149 153 159 163 167
79500373	2.2	141 145 149 153 163
79500374	2.2	139 145 147 153 159 161 167
79500375	2.2	141 145 149 153 159 163 167
	4.11	420
79500686	2.2	149 153 159 163 167
	4.11	425
79500848	2.2	139 143 147 153 157 161
79501123	2.2	147 151 157 161 165 169 173
79501551	2.2	157
79501574	2.2	159 167 417
79501576	2.2	157
79501577	2.2	157
79501715	2.2	147 151 157 165 169 173
79501785	2.2	147 151 157 165
79501787	2.2	141 145 149 153 159 163 167
79501995	2.2	161
79501996	2.2	163
7950224602	2.2	157
	5.5	452
79502461	2.2	147 151 157 161 165 169 173
79502462	2.2	147 151 157 161 165 169 173
79502472	2.2	161
7950291701	2.2	143 151 157 161 165 169 173
7950472301LHT	2.2	141 145 147 153 163
7950472301RHT	2.2	141 145 147 153 163
7950472317LHT	2.2	139 145 147 153 161
7950472317RHT	2.2	139 145 147 153 161
7950474201LHT	2.2	159
	4.1	366
7950474201RHT	2.2	159
	4.1	366
7950474219LHT	2.2	159
	4.1	366
7950474219RHT	2.2	159
	4.1	366
79506221	2.2	141 145 149 153 159 163 167
79506414	2.2	167
79506498	2.2	165
79507327	2.2	163
7950781002LHT	2.2	159
	4.1	366
7950781002RHT	2.2	159
	4.1	366
79560464	2.2	141 145 159 167 171 175
7965503	2.2	141 145 149 155 159 167
79758525	2.2	163
79786111	2.2	161
79786112	2.2	161
79786114	2.2	147 151 157 165 171 175
79786123	2.2	163
	4.8	409
79786215	2.2	151 157 165
79786220	2.2	141 145 149 153 163
	4.9	415
79786275	2.2	141 145 149 153 159 163 167
79786289	2.2	139 143 147 151 161
79786330	2.2	141 145 149 153 159 163 167
	3.5	358
79786335	2.2	139 143 147 153 161
79786336	2.2	139 143 147 153 161
79786506	2.2	151 157 165
79786507	2.2	151 157 165
79786511	2.2	161
79786856	2.2	165
79786869	2.2	139 147
79786875	2.2	143 151

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
79786885	2.2	141 145 149 153 159 163 167
79786918	2.2	139 143
79787310	2.2	173
79787317	2.2	173
79787318	2.2	173
79787328	2.2	173
79787331	2.2	175
79787350/1424L	2.2	169 173
79787350/1424R	2.2	169 173
797873502024	2.2	169 173
7978735416	2.2	169 173
7978735420	2.2	169 173
7978735422	2.2	169 173
7978735424	2.2	173
79787355	2.2	171
79787357	2.2	175
79787360	2.2	169 173
79787364	2.2	173
79787365	2.2	169 173
79787366	2.2	175
7978736601	2.2	171
79787406	2.2	171 175
79787407	2.2	171 175
79787412	2.2	175
79787420	2.2	169
79787421	2.2	169
79787422	2.2	169
79787430/1624	2.2	169 173
79787430/2024	2.2	169 173
797874461216	2.2	169 173
797874461416	2.2	169 173
79787526	2.2	139 143 147 153
79787527	2.2	139 143 147 151
79787531	2.2	151
79787571	2.2	151
79787580	2.2	147
79787581	2.2	139 147 157 165
79787582	2.2	147 157 165
79787590	2.2	139 143 147 153 157 161 167
	4.5	386
79787595	2.2	157
79787598	2.2	157
7978765002	2.2	165
	5.4	452
79787704	2.2	165
79787705	2.2	165
79787712	2.2	151
79787719	2.2	147 151 157 165 169 173
79787721	2.2	141 145 149 153 159 163 167
79787722	2.2	141 145 149 153 159 163 167
79787723	2.2	139 143 147 153
79787724	2.2	141 145
79787752	2.2	159 167
	4.9	415
79787891	2.2	151
7978790101	2.2	141 145 149 155 159 163 167
	4.3	380
7978790117	2.2	141 145 149 155 163
	4.3	380
7978790119	2.2	159 167
	4.3	380
79787904	2.2	149 155 159 163 167
79787905	2.2	141 145 149 153 159 163 167
79787923	2.2	149 153 159 163 167
	4.8	409
79787932	2.2	139
79787934	2.2	143
79787937	2.2	143
7978794501	2.2	147
79787997	2.2	147 153 157 165
7978799801	2.2	139 143
79787999	2.2	139 143
79788801	2.2	161
79788805	2.2	161
79788813	2.2	163
79788871	2.2	141 145 153 159 167
7978887303	2.2	141 145 149 153 159 167
79788889	2.2	161
79788890	2.2	161
7978889001	2.2	139 143
79788891	2.2	139 143 161
79788901YORK	2.2	161
79789016	2.2	139 143
79789121	2.2	171
79789141	2.2	143
79789230	2.2	169
79789232	2.2	169
79789234	2.2	165
79789287	2.2	139 143
79790001	2.2	151 157 165
79790002	2.2	151 157 165
79790044	2.2	147 151 157 161 165 169 173
79790069	2.2	161
79790070	2.2	161
79790204	2.2	151
7979023801LHT	2.2	167
	4.1	366
7979023801RHT	2.2	167
	4.1	366
7979023819LHT	2.2	167
	4.1	366
7979023819RHT	2.2	167
	4.1	366
79790307	2.2	161
79790352	2.2	161
79790354	2.2	161
79792024	2.2	139 143
79792103	2.2	141 145
79792107	2.2	149 153 159 163 167

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
79792155	2.2	151 157 165 173
7979215601	2.2	143 151 157 165 169 173
79792161	2.2	165
79792162	2.2	165
79792164	2.2	157
79792316	2.2	157 165
79792328	2.2	151
79991056	2.2	171
79991067	2.2	151 171
79A789008	2.2	139 143
79ABS001	2.2	141 145 149 155 159 167
79ABS002	2.2	175
79ABS003	2.2	149 155
79ABS004	2.2	155
79ABS005	2.2	171
79ABS006	2.2	171
79SB50206402 HD23	2.2	139 143 147 151
	5.4	452
79SB50206502 AF237	2.2	161
	5.4	452
79SB787326100	2.2	173
79SB787348100	2.2	173
79SB787428117M	2.2	169
79SB787429117M	2.2	169
79SB78790202 HD23	2.2	139 143 147 151
	5.4	452
79SB78852801	2.2	141 145 149 153 159 163 167
79SB78852817	2.2	141 145 149 153 163
79SB78852819	2.2	159 167
79SB789172A	2.2	139
79SB792161	2.2	157
79SB792163100	2.2	165
79SB792163117	2.2	165
79SB792302	2.2	145
79SB792312	2.2	155 171
79SB792313	2.2	157
809	2.2	99 125
8292001	3.2	352
8997598824	2.2	197
90040-1	3.2	352
92791607	2.2	169 173
97022-002	2.2	255 257 259
97023-001	2.2	255 257 259
97097-003	2.2	259
97097-006	2.2	259
97097-007	2.2	255
97097-008	2.2	255
97097-009	2.2	259
97097-011	2.2	259
97097-013	2.2	259
97097-017	2.2	259
97097-018	2.2	259
97097-026	2.2	255
97097-027	2.2	257
97097-030	2.2	245 263
97097-031	2.2	243
97098-002	2.2	245 263
97098-003	2.2	243
97453-004	2.1	20
	2.2	216
97453-006	2.1	20
	2.2	216
97453-007	2.1	20
	2.2	216
97453-008	2.1	20
	2.2	216
97453-009	2.1	20
	2.2	216
97453-010	2.1	20
	2.2	216
97453-011	2.1	20
	2.2	216
97453-012	2.1	20
	2.2	216
97453-014	2.1	20
	2.2	216
97453-015	2.1	20
	2.2	216
97733-004	2.2	255 261 265
97802-001	2.2	257
97805-001	2.2	255
98111-140	2.2	231
	4.3	382
98792-013	2.2	233 241
98794-002	2.2	237
98794-006	2.2	239 241 245 261 263
98794-012	2.2	239 241 261
98796-002	2.1	22
	2.2	218
98800-010	2.2	239 241 261
98800-011	2.2	237
98801-074	2.2	249 265
98801-075	2.2	251 267
98801-076	2.2	257 259 263
98814-002	2.2	245
98814-003	2.2	243 245
98814-004	2.2	255 257 259
98814-005	2.2	255 257 259
98814-009	2.2	237 239 241 247 249 251
98814-013	2.2	257 259
98814-017	2.2	257 261 267
98814-020	2.2	237 239 247 249 251
98814-023	2.2	253 267
98814-024	2.2	257 259 263
98814-025	2.2	257 259 263
98814-026	2.2	257 259 263
98814-029	2.2	257 261 267
98815-025	2.2	233
98815-026	2.2	257 261 265 267
98815-027	2.2	253 267
98815-031	2.2	257 259 265
98817-005	2.2	237 239 243 245 247 249 251 261 263 265 267
98818-049	2.2	251
98818-055	2.2	245
98818-056	2.2	245
98818-057	2.2	243
98818-058	2.2	245
98818-061	2.2	251
98818-062	2.2	253 267
98818-063	2.2	253 267

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
98818-064	2.2	249
98818-065	2.2	249
98818-066	2.2	265
98818-067	2.2	265
98818-068	2.2	265
98818-069	2.2	257 267
98831-001	2.2	233 235 253 255 257 259
98834-004	3.2	349
98834-008	3.2	349
98834-028	3.1	351
98834-029	3.1	351
98846-005	2.1	23
	2.2	219
98846-036P	2.1	21
	2.2	217
98846-037P	2.1	21
	2.2	217
98846-038P	2.1	21
	2.2	217
98846-039P	2.1	21
	2.2	217
98846-040P	2.1	21
	2.2	217
98846-041P	2.1	21
	2.2	217
98846-044P	2.1	21
	2.2	217
	2.1	21
98846-046P	2.2	217 277 281 285 289 293 297 309 315 319 327 333 337
98846-047P	2.1	21
	2.2	217
98846-057P	2.1	21
	2.2	217
98846-058P	2.1	21
	2.2	217
98846-059P	2.1	21
	2.2	217
98846-060P	2.1	21
	2.2	217
98846-061P	2.1	21
	2.2	217
98846-062P	2.1	21
	2.2	217
98846-063P	2.1	21
	2.2	217
98846-064P	2.1	21
	2.2	217
98870-001	3.2	352
98879-002	2.2	237 239 245 247 249 251 261 265 267
98879-004	2.2	237 239 241 243 245 247 249 251 261 263 265 267
98881-005	2.2	259
98881-007	2.2	235
	5.5	451
98881-020	2.2	255
98881-021	2.2	255
98881-025	2.2	221
	4.3	382
98881-026	2.2	221
	4.3	382
98881-029	2.2	235
	5.4	451
98881-039	2.2	235
	5.5	462
98881-040	2.2	255 257
98881-042	2.2	233
	5.4	451
98881-043	2.2	233
	5.5	462
98881-103	2.2	253
98881-104	2.2	253
98884-002	2.2	229 231
98900-002	2.2	245
98900-019	2.2	237 239 247 249 251 261 265 267
98900-021	2.2	243
98900-022	2.2	263 265
98900-024	2.2	237 239 247 249 251
98920-001	2.1	23
	2.2	219
98920-002	2.1	22
	2.2	218
98933-011	2.1	221
	4.2	375
98934-065	2.2	237 239 243 245 247 249 251 263 265
99008-001	2.2	233 235 253 255 257 259
99507030	2.2	119
A-1205-S-2645	2.2	119
A-20492	2.2	239 241 245 261 263
A-20807	2.2	221 223
	4.11	423
A-20808	2.2	221 223 229 231
A-20811	2.2	221 223 229 231
A-20812	2.2	221 223
	4.12	430
A-21420	3.2	352
A-24695	2.2	237 239 243 245 247 249 251 261 263 265 267
A-27268	2.2	237 243 247 251 267
A-31635	2.2	229 231
	4.12	430
A-31636	2.2	229 231
A-31650	2.2	221 223 229 231
A-32097	2.2	237 243 247 251 267
A-32098	2.2	239 241 245 249 261 263 265
A11-0101	2.2	95 101 105 109 111 115 123 127 131
A11-0201	2.2	81 83 89 119 125
A12-0101	2.2	95 101 105 109 111 115 125 127 131 341

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
A12-0201	2.2	81 83 89 119 125
A13-0101	2.2	95 105 109 111 115 125 127 131
A15-0101	2.2	81 109 125 127 131
A15-0202	2.2	77 85 89 97 101 105
A16-0101	2.2	77 81 85 89 97 101 105 109 125 127 131
A19-0300	2.2	111 115
A20-0101	2.2	75 79 83 87 93 99 103 107 111 115
	3.5	358
A24-0101	2.2	81 83 89 119 125
A25-0101	2.2	81 83 89 119 125
A31-0301	2.2	79
	3.2	353
A3105L1078	2.2	287
	4.8	406

PART NO.	CH	PAGE
ABSK1T-01	2.2	77 85 91 97 105
ABSK1T-02	2.2	101
ABSK1T-03	2.2	109
ABSK1T-04	2.2	81
AS1056	3.1	351
AS1132	3.1	350
AS1133	3.1	350
AS1140	3.1	351
AS1141	3.1	351
AS3000	3.2	353
AS3016	3.2	353
AS4004	3.4	356
ASC21112	2.2	75 79 83 87 93 99
	3.1	350
ASC23112	2.2	103 107 111 115
	3.1	351
ASH10302	3.1	350
AXK1T-01	2.2	81 85 91 125
AXK1T-02	2.2	97 105 125
AXK1T-03	2.2	101 125
AXK1T-04	2.2	101
AXK1T-05	2.2	125
AXK1T-06	2.2	77
AXK1T-07	2.2	77
AXL105	2.2	293 297
AXL140	4.6	403
B-29332	2.2	229 424
B-30593	2.2	227 229
	4.11	424
B-36165	2.2	253 255 257 259
B0702200H23A	2.2	121
B0703000100A	2.2	121

PART NO.	CH	PAGE
B0710001100A	2.2	121
B071010X025A	2.2	119
B1303001300A	2.2	121
B15-0103	2.2	89 97 101
B16-0201	2.2	131
B16-0202	2.2	127
B19-0101	2.2	115
B30-0101	2.2	127 131
B30-0102	2.2	123
B30-0103	2.2	131
B30-0200	2.2	127
B30-0202	2.2	131
B4311PTQK	5.4	452
B4515PT FRUEHAUFQCK	5.4	452
B4515PTGPWWK	5.4	452
B4515PTQCK	5.4	452
B4524PTQK	5.4	452
B4707PTQPK	5.4	452
B4709PTES2K	5.4	452
B4711PTQK	5.4	452
B4715PTQK	5.4	452
B4720PTQK	5.4	452
BA1010000401A	2.2	121
BBC/36FTBPW95	5.4	452
BBC/36PT/ BPWNG	5.4	452
BBC/36PTSAFK	5.4	452
BC8433	2.2	123
BC8435TP	2.2	123
BC8439	2.2	123
BP2055B	2.2	323 325
	4.4	384
BTH-0055D	2.2	75
BTH-0500	2.2	99 123
C-29819	2.2	225 227 229 231
C-30652	2.2	233
C-31197	2.2	229 231
	4.12	429
C-31607-14	2.2	229
	4.2	377

PART NO.	CH	PAGE
C-31699	2.2	233 235
C-31905-6	2.2	237
C-31906-6	2.2	239
C-32017	2.2	221 223
	4.12	428
C-32055-3	2.1	20
	2.2	216
C-32055-4	2.1	20
	2.2	216
C-32056-3	2.1	20
	2.2	216
C-32056-4	2.1	20
	2.2	216
C-33381-6	2.2	261
C-33387-8	2.2	267
C-33414-4	2.2	261
C-33874-4	2.2	261
C-33883-6	2.2	267
C-34434	2.1	22
	2.2	218
C-34578-4	2.2	261
C-34758-4	2.2	237
C11-0101C -543LH	2.2	107 111 115
C11-0101C -543RH	2.2	107 111 115
C11-0101C -613LH	2.2	103 107 111 115
C11-0101C -613RH	2.2	103 107 111 115
C11-0201C -589LH	2.2	99
	4.1	364
C11-0201C -589RH	2.2	99
	4.1	364
C11-0201C -604LH	2.2	75 87 93 99
	4.1	365
C11-0201C -604RH	2.2	75 87 93 99
	4.1	365

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
C11-0201C -627LH	2.2	87 93
	4.1	365
C11-0201C -627RH	2.2	87 93
	4.1	365
C11-0602C -618LH	2.2	83
	4.1	367
C11-0602C -618RH	2.2	83
	4.1	367
C12-0101	2.2	103 107 111 115
	4.12	429
C12-0102	2.2	83 93
	4.12	428
C12-0301	2.2	79
	4.12	429
C13-0101	2.2	103 107 111
C13-0101K	2.2	105
	4.6	395
	4.8	412
C13-0201	2.2	75 87 93 99
C13-0201K	2.2	91 97 101
	4.6	389
	4.8	408
C13-0301	2.2	83 93 103 107 111 115
C13-0301K	2.2	105 109 113 117
	4.6	390
	4.8	412
C13-0401	2.2	79
	4.8	413
C14-0201	2.2	75 87 93 99
	4.11	423
C14-0301	2.2	83 93 103 107 111 115
	4.11	424
C15-0101	2.2	83 93 103 107 111 115
	4.12	432
C15-0102	2.2	75 75 79 83 87 87 93 93 99 99 103 107 111 115 119
	4.12	431
C15-0103	2.2	79
	4.12	432
C15-0108	2.2	79
	4.12	430
C16-0101	2.2	103 107 111 115
C16-0201	2.2	83 93
	4.1	419
C16-0401	2.2	79 103 107 111 115
C16-0501	2.2	75 83 87 93 99 119
	4.1	418
C16-0601	2.2	79
C20-0201	2.2	79 83 93
	4.9	414
C24-0101	2.2	103 107 111 115
	4.11	421
C24-0401	2.2	75 87 93 99
	4.11	420
C24-0501	2.2	79
	4.11	421
C30-0101-613	2.2	103
	4.2	374
C30-0101-613K	2.2	105
	4.3	379
C30-0102-543	2.2	107 111 115
	4.2	374
C30-0102-543K	2.2	109 113 117
	4.3	378
C30-0102-613	2.2	103 107 111 115
	4.2	374
C30-0102-613K	2.2	105 109 113 117
	4.3	379
C30-0201-589	2.2	99
	4.2	374
C30-0201-589K	2.2	101
	4.3	378
C30-0201-604	2.2	75 87 93 99
	4.2	374
C30-0201-604K	2.2	77 91 97 101
	4.3	378
C30-0201-627	2.2	87 93
	4.2	374
C30-0201-627K	2.2	91 97
	4.3	379
C33-0101	2.2	103 107 111 115
	4.5	386
C33-0201	2.2	75 87 93 99
	4.5	386
CM10001223	2.2	95
CM10036552	2.2	89
CM10036553	2.2	95 127
CM10037763	2.2	95 119
CM10045398	2.2	95
CM10045570	2.2	87
CM10045888	2.2	89
CM10045889	2.2	95
CM10081521	2.2	89
CM10081522	2.2	95 127
CM10081730	2.2	89
CM10081731	2.2	97 127
CM10082074	2.2	127
CM10082229	2.2	95
CM10083537	2.2	89
CM10083556	2.2	127 129
CM10085157	2.2	127 129
CM10085634	2.2	95 127
CRS.S	2.2	101 125
CWMC8425KTAS	2.2	119
	3.2	353
CWMK21102S	3.1	350
CWMK21103S	3.1	350
CWMK21153S	3.1	350
CWMK21704S	3.1	350
CWMK22102S	3.1	351
CWMK22103S	3.1	351
CWMM1200S	3.1	348
CWMM1202S	3.1	348
D-30114	2.2	233 235
D-31346-1L	2.2	257
D-31346-1R	2.2	257
D-32676-1	2.2	257

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
D-32676-15	2.2	255 257
D-32676-2	2.2	257
D-32676-3	2.2	253 255 257
D-33390	2.2	255 261 265
D-33466-4	2.2	239
D20-010101H	2.2	113 117
	5.5	459
D20-010101K	2.2	105 109
	5.4	451
D20-020101H	2.2	77 85 91 97 101 105 109
	5.5	459
D20-020101K	2.2	77 91 97 101 121
	5.4	451
D20-020104H	2.2	91 97 101
	5.5	459
D20-020104K	2.2	91 97 101
	5.4	451
D20-050101	2.2	79
	5.4	451
D20-050101H	2.2	81
	5.5	459
D20-070101	2.2	83
	5.4	451
DB005TRP	2.2	277 279 291 295
DB014TRP	2.2	277 279 289 291 295 307 315 325 333 337

PART NO.	CH	PAGE
E-1107	5.7	468
E-1559	5.7	468
E-3227	2.2	291 295 339
	5.9	476
E-4594	2.2	339
	4.9	416
E-4739	2.2	313 323 325
	4.5	386
E-807	2.2	313 317 323 325
	4.8	407
E-9095A	2.2	289
FB24XE-0100	2.2	111
FHD-046	2.2	101 125
FP20DB01	2.2	127
FP20DB0100	2.2	123
FP20DB0200	2.2	123
FP20DB0500	2.2	127
FP26DB1500	2.2	127
FP26GP05BB	2.2	93
FU20DB0100	2.2	123
FU20DB0100-1820	2.2	123
FU20DB0200	2.2	123
FW336	2.2	123
FW428	2.2	123
FW429	2.2	123
FW431	2.2	123
FW443	2.2	123
FW444	2.2	123
FW473	2.2	123
FW497	2.2	123
FWA473-01	2.2	125
G0104058300A	2.2	119
G0104058350A	2.2	119
GF001010494A	2.2	121
GF002010490A	2.2	121
GF002010491A	2.2	121
GF003010037A	2.2	121
GF004010165A	2.2	121
GF006010012A	2.2	121
H11-0300	2.2	113 131
H11-0401	2.2	115

PART NO.	CH	PAGE
H12-0100	2.2	95 95 105 105 109 111 115 123 127 131
H12-0200	2.2	113 131
H12-0300	2.2	79 83 89 119 123
H12-0400	2.2	79 83 89 119 123
H12-0500	2.2	115
H14-0301	2.2	127
H15-0102	2.2	119 125
H15-0201	2.2	95 105 109 111 115 123 131
H18-0101	2.2	75 89 95 99 105 109
H18-0104	2.2	113 115
H18-0204	2.2	79
H18-0401	2.2	83 79
H30-9401Z	2.2	79
H30-9901	2.2	83
H30-9901Z	2.2	83
H30-D202	2.2	127
H31-0502	2.2	75
H31-0521	2.2	99
H31-6101DB	2.2	131
H31-8201	2.2	115
H31-9401	2.2	79
H31-9401Z	2.2	79
H31-9901	2.2	83
H31-9901Z	2.2	83
H31-D201	2.2	127
H32-2304	2.2	113 115

PART NO.	CH	PAGE
H32-9401	2.2	79
H32-9901	2.2	83
H32-D002	2.2	127 131
H32-D101	2.2	123
H32-D102	2.2	123
H33-0307	2.2	75
H33-2301	2.2	113
H33-2302	2.2	113
H33-2303	2.2	115
H33-2401	2.2	113
H34-0401	2.2	111 115
H34-0901	2.2	75 79 83 89 95 99 105 109 127 131
H40-0101	2.2	111 115
H41-0201	2.2	77 85 89 97 105
H41-0401	2.2	109
H41-0501	2.2	81
H41-0701	2.2	101
HA4009	2.2	277 281 285 289 293 297 309 315 319 327 333 337
HM212011T1M	2.2	147 151 157 165 169 173 277 281 283 289 293 297 309 315 317 327 333 337

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
HM212049T1M	2.2	147 151 157 165 169 173 277 281 283 289 293 297 309 315 317 327 333 337
HM218210T1M	2.2	147 151 157 161 165 171 175 277 281 283 289 293 297 315 327 333 337
HM218248T1M	2.2	147 151 157 161 165 171 175 277 281 283 289 293 295 315 327 333 337
HM220110ZT1M	2.2	161
HM220149ZT1M	2.2	161
HM518410T1M	2.2	139 143 341
HM518445T1M	2.2	139 143 341
HP4009	2.2	277 281 285 289 293 297 327
I0Z094218-3	2.2	181
I0Z094218-8	2.2	181
I0ZI919W-3	2.2	199
I0ZI919W-7	2.2	199
I0ZI919W-8	2.2	199
IUZ094218-3	2.2	181
IUZ094218-8	2.2	181
IUZI919W-3	2.2	203
IUZI919W-7	2.2	203
IUZI919W-8	2.2	203
K1T9078	4.6	396
KF12FX13X 1820N30	2.2	75
KF12FX13X 1850N30	2.2	75
KF21BX12X 1850P30	2.2	103
KF21BX12X 1850U30	2.2	103
KF21BX13X 1850P30	2.2	103
KF21BX13X 1850U30	2.2	103
KF22AX12X 1820N30	2.2	87
KF22AX12X 1850N30	2.2	87
KF22AX13X 1820N30	2.2	87
KF22AX13X 1850N30	2.2	87
KF22BX12X 1820N30	2.2	93
KF22BX12X 1850N30	2.2	93
KF22BX13X 1820N30	2.2	93
KF22BX13X 1850N30	2.2	93
KF22FX13X 1820N30	2.2	99
KF22FX13X 1850N30	2.2	99
KF26AX12X1820N	2.2	123
KF26AX12X1850N	2.2	123
KF37AX12X 1820N30	2.2	83
KF37AX12X 1850N30	2.2	83
KF37AX13X 1820N30	2.2	83
KF37AX13X 1850N30	2.2	83
KF37CBK1T	2.2	85
	4.6	391
KF61BX12X 1850R30	2.2	107
KF61BX13X 1850R30	2.2	107
KH001-7000-TN	2.2	283 317 321
KH001-70003	2.2	285 323
KH278323EF	2.2	75 83 87 93 99
	3.1	348
KH3303118	2.2	125 127
KH3304-2011	2.2	79
	4.1	367
KH3304-2012	2.2	79
	4.1	367
KH3310-1042	2.2	111
KH340-4322	2.2	123
KH3600-0103	2.2	93 103 107
KH3600-0103Z	2.2	93 103 107
KH3600-0303	2.2	93 103 107
KH3600-0303Z	2.2	93 103 107
KH3600-3007	2.2	87
KH3600-3007Z	2.2	87
KH3600-3008	2.2	87
KH3600-3008Z	2.2	87
KH3600/FF	2.2	93 103 107 339
KH3600/GF	2.2	87 277 279 287 291 295 325 315 333 337
KH3601-0101	2.2	95 103 109
KH3601-0101Z	2.2	95 103 109
KH3601-0302	2.2	95 103 109
KH3601-0302Z	2.2	95 103 109
KH3601-2106	2.2	113
KH3601-3010	2.2	87 119
KH3601-3010Z	2.2	87 119
KH3601-3011	2.2	87
KH3601-3011Z	2.2	87
KH3601/FF	2.2	95 103 109 339
KH3601/GF	2.2	87 277 279 287 291 295 315 325 333 337
KH3602-0101	2.2	89 95 105 109
KH3602-0303	2.2	75 89 95 99 105 109
KH3602/FF	2.2	95 105 109 339
KH3602/GF	2.2	89
KH47690	2.2	75
KH52743-11	2.2	283 317
KH800055	2.2	75 79 81 83 85 89 95 99 101 105 109 119 123 127

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
KH800096	2.2	75 79 83 89 95 99 105 109 111 119 127 131
KH800098	2.2	79 89 95 105 109
KH800104	2.2	79 83 89 95 99 105 109 119 123 127 131
KH800106	2.2	79 89 95 105 109
KH800110B	2.2	81 85 89 119
KH800122	2.2	77 81 85 89 95 101 119 123 127
KH800146	2.2	89 95 105 109 315 339 325
KH800161	2.2	103 107 111
	4.11	424
KH800205	2.2	111 115 131 341
KH800205B	2.2	95 105 109 111 123 131
KH800229	2.2	111
KH800238	2.2	75 79 83 89 95 99 105 109 119 123 127 131
KH800239	2.2	79 83 89 95 99 105 109 119 123 127 131
KHALU01	2.2	119 123
KHDB012	2.2	123
KHDB014	2.2	123 127
KHDB015	2.2	123
KK44AX13X 1820N32	2.2	79
KK44AX13X 1850N32	2.2	79
KK44AX13X 1956N32	2.2	79
KK44CBK1T	2.2	81
	4.6	391
KSF5554670Q	2.2	283
KSMA2121308Q	5.4	450
KSMA2121308T	5.4	450
KSMA2124311E	5.4	450
KSMA2124514Q	5.4	450
KSMA2124515F	2.2	339
	5.4	450
KSMA2124515F3	2.2	339
	5.4	450
KSMA2124515Q	5.4	450
KSMA2124524Q	5.4	450
KSMA2124692FC2	2.2	323
	5.4	450
KSMA2124702QP	5.4	450
KSMA2124707QP	5.4	450
KSMA2124709E1	5.4	450
KSMA2124709E2	5.4	450
KSMA2124710QP	5.4	450
KSMA2124711QP	5.4	450
KSMA2124715QP	5.4	450
KSMA2124719E	5.4	450
KSMA2124720QP	5.4	450
KSMA2124725R	5.4	450
KSMA3121308Q	5.4	450
KSMA3124311E	5.4	450
KSMA3124515F3	5.4	450
KSMA3124515Q	5.4	450
KSMA3124524Q	5.4	450
KSMA3124702QP	5.4	450
KSMA3124707QP	5.4	450
KSMA3124709E2	5.4	450
KSMA3124711QP	5.4	450
KSMA3124715QP	5.4	450
KSMA3124720QP	5.4	450
KSMA3124725R	5.4	450
M8X16X1.75	2.2	75 81 83 89 95 101 105 109
M906054	2.2	329
M906105	2.2	307
MB7016	2.2	275 279 287 291 295 307 313 325 329 331 335 339
MB907A	2.2	89 95 109
MB907B	2.2	89 95 109
MKSMG2A BC36/95	5.4	450
MKSMG2A BC36/NG	5.4	450
MKSMG2ABC37	5.4	450
MW89996B	2.2	233 235
N05030000100A	2.2	119
	4.4	384
N0902000100A	2.2	119
N300002-001	2.2	75
N300002-002	2.2	101 125 127
N300003-001	2.2	75
N300004-001	2.2	75
N300005-001	2.2	75
N300006-001	2.2	75
N300015-001	2.2	75
N300015-002	2.2	101 125
N300016-002	2.2	101 123
N300200-002	2.2	123
N300200-003	2.2	127
N300200-004	2.2	131
N300200-005	2.2	127
N300202-003	2.2	89 95 127
NP026773	2.2	151 165 169
NP174964	2.2	143
NP503727	2.2	151 165 171
NP593561	2.2	143
NP899357	2.2	151 165 169
NP965350	2.2	151 165 171
PKSMA2124515P	5.4	450
PKSMA2124515PSS	5.4	450
PKSMA3124515P	5.4	450
PKSMA3124515PSS	5.4	450
R002128	2.2	281
R801074	3.1	351
R824000	2.2	275 279 291 295 307 313 317 323 325 329 331 335
R824000	3.1	348
R824001	3.1	348
R824003	2.2	275 283 287
	3.1	349

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
R824004	3.1	349
R824007	2.2	339
	3.1	349
R824009	3.1	348
R825020	3.1	348
S-20475	2.2	237 243
S-20823	2.2	221 223
	4.8	408
S-21184-1	2.2	233
	5.4	451
S-22885	2.2	223
	4.11	422
S-22898	2.2	223
	4.8	410
S-23752	2.2	233
	5.5	462
S-23753-1	2.2	233
	5.4	451
S-24217	2.2	225
S-24636-1L	2.2	221 223
	4.1	370
S-24636-1R	2.2	221 223
	4.1	370
S-25024-1L	2.2	221 223
	4.1	370
S-25024-1R	2.2	221 223
	4.1	370
S-25440	2.2	221 223
	4.9	414
S-27117	2.2	225 227 229 231 233 235
S-27267	2.2	239 241 245 249 261 263 265
S-27783-1	2.2	233
	5.4	451
S-27826	2.2	233
S-28500-1550	2.2	233

PART NO.	CH	PAGE
S-28500-1650	2.2	233 235
S-28500-1657	2.2	233 235
S-28547	2.2	229
	4.9	414
S-28570-4350	2.2	257 259
S-28570-4357	2.2	257 259
S-28757	2.2	233 235 255 257 259
S-30594-11L	2.2	225
	4.1	371
S-30594-11R	2.2	225
	4.1	371
S-31703	2.2	221
	4.3	381
S-31706	2.2	221
	4.3	381
S-31964	2.2	227
	4.6	392
S-32629-1	2.1	22
	2.2	218
S-32844/2	2.2	251 267
S-33332/2	2.2	249 265
S-35303-1	2.2	253
S-35303-4	2.2	253
S-35303-9	2.2	253
S-35720-4415	2.2	253
S-36224-4375	2.2	255
S-36224-4430	2.2	257
SA-14400-1	2.2	247 251 267
SA-14400-2	2.2	249 265
SA-1600-7	2.2	237 239 245 247 249 251 261 265 267
SA-19600-2	2.2	253
SA-19600-3	2.2	253 257 261 265 267

PART NO.	CH	PAGE
SA-19700-2	2.2	253 257 261 265 267
SA-19900-1	2.2	253
SA-6900-5	2.2	221 223 229
SA-7000-3	2.2	221 223 229
SET405T1M	2.2	307 307 315 315 317 317
STP275	2.2	101 125
T02-1175	3.4	356
T02-1176	3.4	356
T02-1998	2.2	323
T02-1999	2.2	279 313 325
T02-2000	2.2	279 313 325
T02-2001	2.2	339
	4.1	372
T02-2002	2.2	339
	4.1	372
T02-2003	2.2	279 307 313 325 329 331
	4.1	364
T02-2004	2.2	279 307 313 325 329 331
	4.1	364
T02-2007	4.1	372
T02-2008	4.1	372
T02-2011	2.2	275
	4.1	367
T02-2012	2.2	275
	4.1	367
T02-2015	4.1	364
T02-2016	4.1	364
T02-2022	2.2	317 323
	4.1	366

PART NO.	CH	PAGE
T02-2023	2.2	317 323
	4.1	366
T02-2024	4.1	372
T02-2025	4.1	372
T02-2028	4.1	364
T02-2029	4.1	364
T02-2034	2.2	323
	4.4	384
T02-2043	2.2	275
	4.1	371
T02-2044	2.2	275
	4.1	371
T02-2047	4.1	370
T02-2048	4.1	370
T02-2055QP	2.2	335
	4.1	367
T02-2056QP	2.2	335
	4.1	367
T02-2059	4.1	365
T02-2060	4.1	365
T02-2061	2.2	313
	4.1	365
T02-2062	2.2	313
	4.1	365
T02-2067	2.2	335
	4.1	365
T02-2068	2.2	335
	4.1	365
T02-2069	2.2	287
	4.1	371
T02-2070	2.2	287
	4.1	371
T02-2071	2.2	287
	4.1	371
T02-2072	2.2	287
	4.1	371
T02-2101	2.2	307 329
T02-2102	2.2	339
	4.8	413
T02-2103	2.2	339
	4.8	412
T02-2104	2.2	313 317 323 325
	4.8	407

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
T02-2104S	2.2	313 317 323 325
	4.8	407
T02-2107	2.2	313 317 323 325 331 335
	4.8	410
T02-2108	2.2	313 325
	4.8	409
T02-2108B	4.8	409
T02-2109	4.8	407
T02-2119-5	4.8	409
T02-2200-5	4.8	409
T02-2201/02	2.2	307 307 329
	4.8	407
T02-2203	2.2	339
	4.8	411
T02-2203S	4.8	412
T02-2209-2	4.8	408
T02-2209-5	4.8	408
T02-2218	2.2	313
	4.8	410
T02-2230	2.2	287 295
	4.8	406
T02-2238-5	2.2	331 335
	4.8	410
T02-2300-AU	2.2	281
	4.6	393
T02-2301-AU	2.2	341
	4.6	399
T02-2302	2.2	309 329
	4.6	399
T02-2303-AU	2.2	277 285
	4.6	393
T02-2304	2.2	281
T02-2304-AU	4.6	394
T02-2306HD-AU	4.6	397
T02-2307	2.2	289
	4.6	394

PART NO.	CH	PAGE
T02-2312	2.2	293
	4.6	395
T02-2313	2.2	297
	4.6	395
T02-2316	2.2	315 327
	4.6	397
T02-2317	4.6	398
T02-2319	2.2	315 319
	4.6	396
T02-2322	2.2	277 285
	4.6	396
T02-2323	2.2	341
	4.6	400
T02-2401	2.2	277 281 289 293 297 309 315 327 329 333 337 341
T02-2402-AU	5.5	455
T02-2403	2.2	319
	5.5	454
T02-2406-AU	5.5	454
T02-2407	2.2	285
T02-2408	2.2	341
T02-2408-AU	5.5	455
T02-2409	2.2	341
T02-2411	2.2	277 281 289 293 297 315 327 333 337
T02-2411-AU	5.5	456
T02-2412-AU	2.2	277 281 289 293 297 309 315 327 329 333 337 341
	5.5	456

PART NO.	CH	PAGE
T02-2412S-AU	5.5	457
T02-2413-AU	2.2	277 281 289 293 297 309 315 327 329 333 337 341
	5.5	457
T02-2413S-AU	5.5	458
T02-3002	2.2	307 329
T02-3005	2.2	275 279 283 287 331 335
	4.9	415
T02-3006	2.2	275 279 283 287 331 335
	4.8	410
T02-3007	2.2	275 279 279 283 287 313 331 335
T02-3008	2.2	317 323 418
	4.9	416
T02-3009	2.2	313 325 331 335
	4.9	416
T02-3093	2.2	287
	4.1	419
T02-3094	2.2	287
	4.12	432
T02-3095	2.2	287
	4.12	432
T02-3096	2.2	291
	4.12	429
T02-3097	2.2	317
	4.12	428

PART NO.	CH	PAGE
T02-3099	2.2	323
	4.12	428
T02-3100	2.2	275 283 291 335 339
	4.1	419
T02-3101	2.2	307 313 325 329 331
	4.12	428
T02-3102	2.2	287 291 295 307 313 317 323 325 329 331 339
	4.12	431
	5.8	470
T02-3103	4.12	431
T02-3104	4.1	418
	5.8	471
T02-3106	2.2	339
	4.12	432
T02-3108-AU	2.2	309 315 327 329 333 337
	4.7	404
T02-3109-AU	2.2	341
	4.7	404
T02-3110-AU	2.2	281
	4.7	405
T02-3111-AU	2.2	277 285
	4.7	405
T02-3112	2.2	275 279 283 335
	4.12	431
T02-3114	2.2	279
	4.8	413
T02-3115	2.2	279
	4.8	406

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
T02-3117	2.2	275 283 291 335
	4.12	432
T02-3118	2.2	275 283 287 335
	4.11	424
T02-3119	2.2	275 283
	4.8	411
T02-3120	2.2	275 283
	4.8	411
T02-3121	2.2	275 283
	4.11	421
T02-3122	2.2	279 313 317 323 325
	4.11	423
T02-3123	2.2	323
	4.12	431
T02-3127	4.11	422
T02-3141	4.11	423
T02-3147B	4.8	412
T02-3147S	4.8	412
T02-3149	2.2	317
	4.8	407
T02-3150	2.2	279
	4.8	408
T02-3150S	4.8	408
T02-3151	2.2	275 283 335
	4.8	411
T02-3153	2.2	33
T02-3170	2.2	317
	5.7	468
T02-3175	2.2	291
T02-3184	2.2	323
	5.6	466
T02-3185	2.2	323
	5.6	464
T02-3186	2.2	323
	5.8	470
T02-3187	2.2	323
	5.8	471
T02-3195	2.2	339
	5.6	464
T02-3198	5.6	464
T02-3199	2.2	275 279 287 291 295 307 313 325 329 331 335 339
	5.6	464
T02-3200AU	2.2	275 279 287 291 295 307 313 325 329 331 335 339
	5.6	464
T02-3203	2.2	275 275 279 283 287 291 295 307 313 325 329 331 335 339
	4.12	430
	5.8	470
T02-3204	2.2	339
	5.7	468
T02-3206	2.2	339
	5.6	466
T02-3207	2.2	275 279 283 287 291 295 307 313 329 331 335 339
	5.6	466
T02-3207B	2.2	275 279 283 287 291 295 307 313 329 331 335 339
	5.6	466
T02-3213	5.8	471
T02-3215	5.6	466
T02-3216	5.7	468
T02-3222	4.1	418
T02-3223	2.2	33
	5.7	468
T02-3224	2.2	33
	5.7	468
T02-3231	5.6	466
T02-3232	5.6	464
T02-3233	5.6	465
T02-3237AU	2.2	275 279 279 283 287 291 295 313 325 331 335
	5.6	465
T02-3238	2.2	339
	5.6	465
T02-3302AU	2.2	275 279 287 291 295 307 313 325 329 331 335 339
	5.8	470
T02-3304AU	5.6	465
T02-3304WAU	5.8	470
T02-3398	2.2	313 317 323 325
	4.9	416
T02-3399	5.8	476
T02-3401	2.2	275 279 287 291 295 307 313 323 325 329 331 335
	5.8	476
T02-3403AU	2.2	275 279 287 291 295 307 313 323 325 329 331 335 339
	5.9	472
T02-3403KAU	5.9	472
T02-3404AU	2.2	275 279 287 291 295 307 313 323 325 329 331 335 339
	5.9	472
T02-3404KAU	5.9	472
T02-3405AU	2.2	275 279 287 291 295 307 313 323 325 329 331 335 339
	5.9	472
T02-3405KAU	5.9	472
T02-3406	5.9	474
T02-3406K	5.9	474
T02-3407	5.9	475
T02-3408K	2.2	317
T02-3409	5.9	475

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
T02-3415AU	2.2	275 279 287 291 295 307 313 323 325 329 331 335 339
	5.9	476
T02-3416	2.2	317
	5.9	474
T02-3417	2.2	317
	5.9	474
T02-3422	2.2	283 323
	5.8	471
T02-3424K	2.2	323
	5.9	474
T02-3424K-0S	2.2	323
T02-3425	2.2	323
	5.9	475
T02-3435-1	2.2	37
T02-3435-2	2.2	37
T02-3449	2.2	275 279 283 287 291 295 313 325 331 335 339
	5.1	478
T02-3451	2.2	275 279 287 291 295 307 313 325 329 331 335 339
	5.1	478
T02-3451S	5.1	478

PART NO.	CH	PAGE
T02-3452	2.2	275 279 283 287 291 295 307 313 323 325 329 331 335 339
	5.1	481
T02-3452HD	5.1	481
T02-3455	2.2	317
	5.1	478
T02-3456	5.1	478
T02-3459	5.1	478
T02-3460	5.1	478
T02-3462	2.2	323
	5.1	478
T02-3466	2.2	33
	5.1	481
T02-3468	2.2	33
	5.1	478
T02-3475	5.1	479
T02-3476	5.1	479
T02-3477	2.2	283
	5.1	479
T02-3478	2.2	283
	5.9	475
T02-3479K	2.2	283
	5.9	474
T02-3480	2.2	275 279 287 291 295 313 325 331 335 339
	5.1	479
T02-3484	2.2	39 43
T02-5000	3.4	356
T02-5001	3.2	353
T02-5011	3.1	350
T02-5016	3.1	350

PART NO.	CH	PAGE
T02-5017	3.1	351
T02-5018	3.1	351
T02-5025	2.2	317 323
	3.1	348
T02-5100	2.2	277 279 307 315 325 329 333 337 339
T02-7378	2.2	33
	3.5	358
T02-7379	2.2	33
	3.5	358
T02-8408-0	3.5	358
	5.1	481
T04-4004	2.2	341
T04-4005	2.2	341
T04-4006	2.2	277 281 283 289 309 315 319 327 333 337
T04-4007	2.2	277 281 283 289 309 315 319 327 333 337
T04-4008	2.2	277 281 283 289 309 315 319 327 333 337
T04-4009	2.2	341
T04-4011AU	2.2	309 315 319 327 333 337

PART NO.	CH	PAGE
T04-4012	2.2	281
T04-4013	2.2	281
T04-4021	2.2	139 143 341
T04-4022	2.2	341
T04-4024	2.2	341
T04-4024H	2.2	341
T04-4031CR	2.2	277 281 285 289 293 297 309 315 319 327 333 337
T04-4032	2.2	309
T04-4042	2.2	277 281 285 289 293 297 309 315 319 327 333 337
T04-4091	2.2	293 297
T04-4092	2.2	293 297
T04-4093	2.2	293 297
T04-4498	2.2	35
T04-4511	2.2	329
T04-6001	2.2	33 39 43 277 279 283 287 291 295 307 315 317 323 325 331 335 339

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
T04-6002	2.2	33 39 43 275 279 283 287 291 295 307 315 317 323 325 331 335 339
T04-6003	2.2	307
T04-6004	2.2	329
T04-6005	2.2	329
T04-6007AU	2.2	307
T04-6051	2.2	33 275 279 283 287 291 295 307 315 317 323 325 331 335 339
T04-6054	2.2	307
T04-7501	2.2	341
T04-7504	2.2	341
T04-8680	2.2	277 281 283 289 309 315 319 327 333 337
T04-STM-0713G	2.2	307 315 317
T04-STM-0723TGS	2.2	339
T04-STM-0743G	2.2	277 281 283 289 293 295 315 327 333 337
T04-STM-0744G	2.2	307
TRP19032/21/95	5.4	448

PART NO.	CH	PAGE
TRP19032/21/NG	5.4	448
TRP19094/21/95	5.4	448
TRP211308Q	5.4	447
TRP214311E	5.4	447
TRP214514Q	5.4	447
TRP214515FQ	5.4	447
TRP214515P	2.2	275 279 287 291 295 307 313 325 329 331 335
	5.4	447
TRP214515PSS-01	5.4	447
TRP214515Q	2.2	275 279 287 291 295 313 325 331 335
	5.4	447
TRP214702QP	5.4	447
TRP214707QP	2.2	287
	5.4	447
TRP214709E2	5.4	448
TRP214710QP	5.4	448
TRP214711QP	5.4	448
TRP214715QP	5.4	448
TRP214720QP	5.4	448
TRP214725E	5.4	448
TRP231308Q	5.4	449
TRP234515FQ	5.4	449
TRP234515P	5.4	449
TRP234515PSS-01	5.4	449
TRP234515Q	5.4	449
TRP234524Q	5.4	449
TRP234707QP	5.4	449
TRP234709E2	5.4	449
TRP234715QP	5.4	449
TRP234720QP	5.4	449
TRP234725E	5.4	449
TX745K	2.2	307
VS-32055-3	2.1	20
	2.2	216

PACCAR PARTS
TRAILER CATALOGUE

Volume 2 — Braking / Wheel End



INTRODUCTION

PACCAR's focus is on you, our customer, and in this Volume of the PACCAR Parts Trailer Catalogue we bring to you a comprehensive range of braking and wheel end parts. Parts vital to the ongoing maintenance and operation of all your trailers.

PACCAR have partnered with leading manufacturers to bring you the most up to date information, all at your fingertips. As with Volume 1, this catalogue features colour coded chapters and detailed information including part numbers, descriptions, and dimensions on parts.

The PACCAR network is expanding to ensure that parts featured here are available at dealerships near your area of operations. With locations across Australia, New Zealand and Papua New Guinea, including the ever-expanding TRP stores, there is sure to be a dealership close by.

On behalf of PACCAR Parts Australia, we trust you find Volume 2 a valuable and useful tool for your business.

Best regards,

Damian Smethurst
General Manager
PACCAR Parts Australia



TRUCK & TRAILER CONFIGURATION GUIDE

		Description	Max Length (m)	MRM under GML (t)	MRM under CML (t)	MRM under HML (t)
1. COMMON RIGID TRUCKS - GENERAL ACCESS						
(A)	 6.0t 9.0t	**2 Axle Rigid Truck**	≤ 12.5	15.0	CML does not apply	-
(B)	 6.0t 16.5t	**3 Axle Rigid Truck**	≤ 12.5	22.5	23.0	-
(C)	 6.0t 20.0t	**4 Axle Rigid Truck**	≤ 12.5	26.0	27.0	-
(D)	 10.0t* 16.5t	**4 Axle Twinsteer Rigid Truck**	≤ 12.5	26.5	27.0	-
(E)	 10.0t* 20.0t	**5 Axle Twinsteer Rigid Truck**	≤ 12.5	30.0	31.0	-
2. COMMON SEMITRAILER COMBINATIONS - GENERAL ACCESS						
(A)	 6.0t 9.0t 9.0t	**3 Axle Semitrailer**	≤ 19.0	24.0	-	-
(B)	 6.0t 9.0t 16.5t	**4 Axle Semitrailer**	≤ 19.0	31.5	32.0	32.0
(C)	 6.0t 9.0t 20t	**5 Axle Semitrailer**	≤ 19.0	35.0	36.0	37.5
(D)	 6.0t 16.5t 16.5t	**5 Axle Semitrailer**	≤ 19.0	39.0	40.0	40.0
(E)	 6.0t 16.5t 20.0t	**6 Axle Semitrailer**	≤ 19.0	42.5	43.5	45.5

MRM = Maximum Regulatory Mass m = metres t = tonnes

* Add one tonne if twinsteer axle group is load sharing.''The mass of a dog trailer shall not exceed the mass of the towing vehicle under Schedule 1, Part 1, section 2(4) of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.

Please note, additional limits are allowed for steer axles under Schedule 1, Part 2 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation. Table published with kind permission from National Heavy Vehicle Regulator.

©Copyright National Heavy Vehicle Regulator 2019, creativecommons.org/licenses/by-sa/3.0/au

		Description	Max Length (m)	MRM under GML (t)	MRM under CML (t)	MRM under HML (t)
3. COMMON RIGID TRUCK AND TRAILER COMBINATIONS (General access when complying with prescribed mass & dimension requirements)						
(A)	 6.0t 9.0t 9.0t** 9.0t**	**2 Axle Truck & 2 Axle Dog Trailer**	≤ 19.0	30.0	-	-
(B)	 6.0t 9.0t 15.0t	**2 Axle Truck & 2 Axle Pig Trailer**	≤ 19.0	30.0	CML does not apply	-
(C)	 6.0t 16.5t 9.0t 9.0t	**3 Axle Truck & 2 Axle Dog Trailer**	≤ 19.0	40.5	41.0	-
(D)	 6.0t 16.5t 15.0t	**3 Axle Truck & 2 Axle Pig Trailer**	≤ 19.0	37.5	CML does not apply	-
(E)	 6.0t 16.5t 9.0t** 16.5t**	**3 Axle Truck & 3 Axle Dog Trailer**	≤ 19.0	42.5	43.5	-
(F)	 6.0t 16.5t 18.0t	**3 Axle Truck & 3 Axle Pig Trailer**	≤ 19.0	40.5	CML does not apply	-
(G)	 6.0t 16.5t 16.5t** 16.5t**	**3 Axle Truck & 4 Axle Dog Trailer**	≤ 19.0	42.5	43.5	-
(H)	 10.0t* 16.5t 9.0t 16.5t	**4 Axle Truck & 3 Axle Dog Trailer**	≤ 19.0	42.5	43.5	-
(I)	 10.0t* 16.5t 16.5t** 16.5t**	**4 Axle Truck & 4 Axle Dog Trailer**	≤ 19.0	42.5	43.5	-
4. COMMON B-DOUBLE COMBINATIONS - CLASS 2						
(A)	 6.0t 16.5t 16.5t 16.5t	**7 Axle B-double**	≤ 19.0	55.5	57.0	57.0
(B)	 6.0t 16.5t 20.0t 16.5t	**8 Axle B-double**	≤ 26.0	59.0	61.0	62.5
(C)	 6.0t 16.5t 16.5t 20.0t	**8 Axle B-double**	≤ 26.0	59.0	61.0	62.5
(D)	 6.0t 16.5t 20.0t 20.0t	**9 Axle B-double**	≤ 26.0	62.5	64.5	68.0

MRM = Maximum Regulatory Mass m = metres t = tonnes

* Add one tonne if twinsteer axle group is load sharing.**The mass of a dog trailer shall not exceed the mass of the towing vehicle under Schedule 1, Part 1, section 2(4) of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.

Please note, additional limits are allowed for steer axles under Schedule 1, Part 2 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.
Table published with kind permission from National Heavy Vehicle Regulator.
©Copyright National Heavy Vehicle Regulator 2019, creativecommons.org/licenses/by-sa/3.0/au

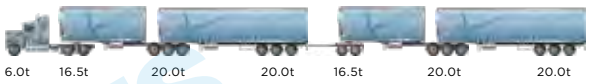
TRUCK & TRAILER CONFIGURATION GUIDE

		Description	Max Length (m)	MRM under GML (t)	MRM under CML (t)	MRM under HML (t)
5. COMMON TYPE 1 ROAD TRAINS - CLASS 2						
(A)		**9 Axle A-Double**	≤ 36.5	72.0	74.0	74.0
(B)		**11 Axle A-Double**	≤ 36.5	79.0	81.0	85.0
(C)		**12 Axle A-Double**	≤ 36.5	82.5	84.5	90.5
(D)		**12 Axle Modular B-Triple**	≤ 35.0	82.5	84.5	90.5
(E)		**12 Axle B-Triple**	≤ 36.5	82.5	84.5	90.5
(F)		**14 Axle AB-Triple**	≤ 36.5	99.0	101.0	107.5
(G)		**15 Axle AB-Triple**	≤ 36.5	102.5	104.5	113.0
(H)		**11 Axle Rigid Truck & 2 Dog Trailers**	≤ 36.5	88.5	90.5	91.0

MRM = Maximum Regulatory Mass m = metres t = tonnes

* Add one tonne if twinsteer axle group is load sharing.**The mass of a dog trailer shall not exceed the mass of the towing vehicle under Schedule 1, Part 1, section 2(4) of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.

Please note, additional limits are allowed for steer axles under Schedule 1, Part 2 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.
Table published with kind permission from National Heavy Vehicle Regulator.
©Copyright National Heavy Vehicle Regulator 2019, creativecommons.org/licenses/by-sa/3.0/au

		Description	Max Length (m)	MRM under GML (t)	MRM under CML (t)	MRM under HML (t)
6. COMMON TYPE 2 ROAD TRAINS - CLASS 2						
(A)		**16 Axle A-Triple**	≤ 53.5	115.5	117.5	124.5
(B)		**18 Axle A-Triple**	≤ 53.5	122.5	124.5	135.5
(C)		**15 Axle AB-Triple**	≤ 47.5 – Classified by the NHVR as Type 1 when L ≤ 36.5m	102.5	104.5	113.0
(D)		**13 Axle Rigid Truck & 2 Dog Trailers**	≤ 47.5 – Classified by the NHVR as Type 1 when L ≤ 36.5m	95.5	97.5	102.0
(E)		**17 Axle BAB-Quad**	≤ 53.5	119.0	121.0	130.0
(F)		**18 Axle BAB-Quad**	≤ 53.5	122.5	124.5	135.5
(G)		**17 Axle ABB-Quad**	≤ 53.5	119.0	121.0	130.0
(H)		**18 Axle ABB-Quad**	≤ 53.5	122.5	124.5	135.5

MRM = Maximum Regulatory Mass m = metres t = tonnes

* Add one tonne if twinsteer axle group is load sharing.**The mass of a dog trailer shall not exceed the mass of the towing vehicle under Schedule 1, Part 1, section 2(4) of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.

Please note, additional limits are allowed for steer axles under Schedule 1, Part 2 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.
Table published with kind permission from National Heavy Vehicle Regulator.
©Copyright National Heavy Vehicle Regulator 2019, creativecommons.org/licenses/by-sa/3.0/au

NOTES

TABLE OF CONTENTS

	BRAKING	12
	WHEEL END	120

TO VIEW THE DIGITAL VERSION
OF THE PACCAR PARTS
TRAILER CATALOGUE
SCAN HERE!

VOLUME 2 INDEX

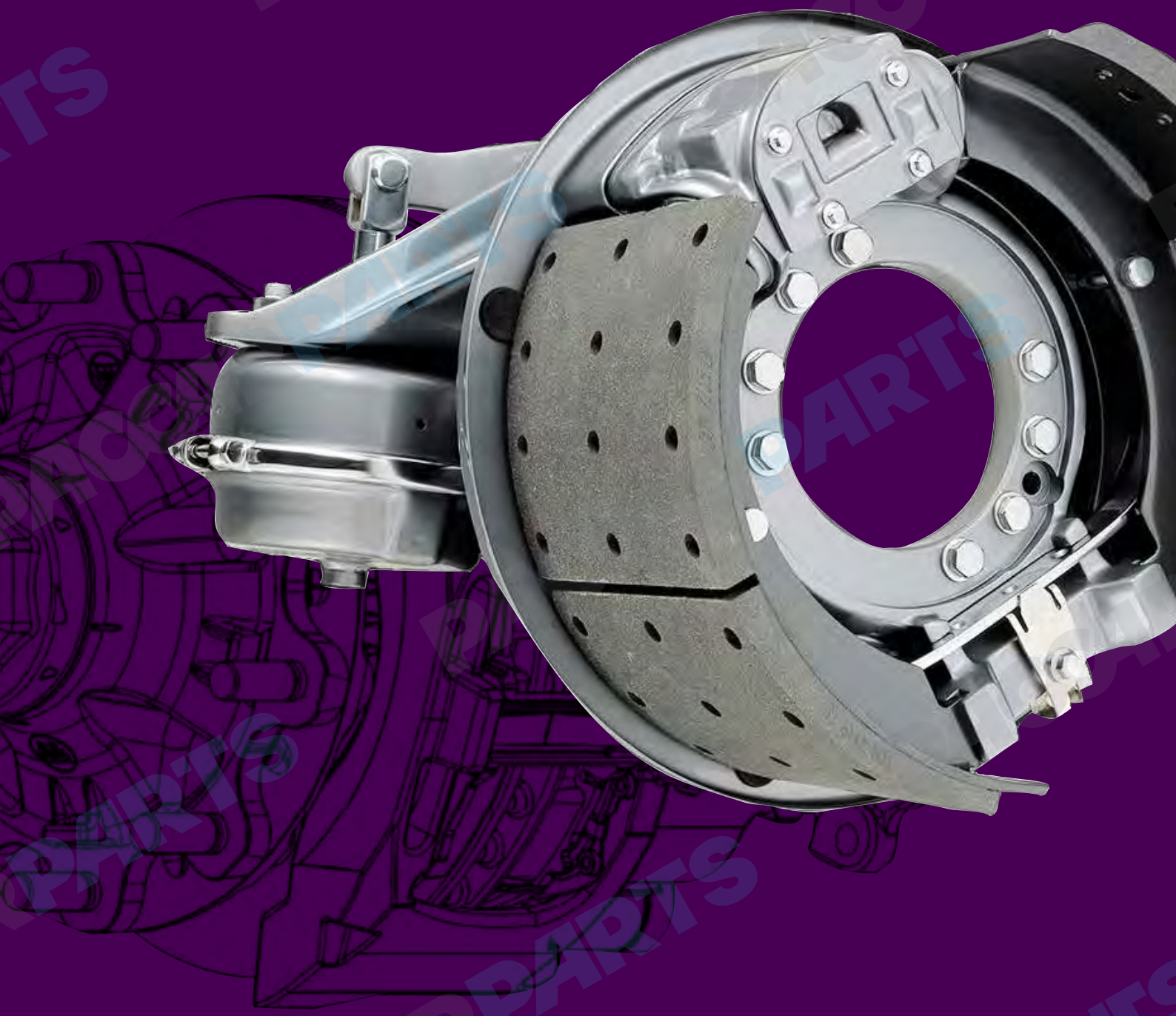
BRAKING		PAGE
CALIPERS, ROTORS & PADS, DRUMS		
6.1	Brake Caliper Identification	15
6.2	Caliper Assembly & Service Parts	24
6.3	Caliper Tool Set	30
6.4	Brake Rotors & Pads	32
6.5	Brake Drum	42
AIR LINES, COUPLINGS, SUZI COILS & REPAIR KITS		
7.1	Gladhand	49
7.2	Snap On Coupling	51
7.3	Duo-matic & Tri-matic Couplings	53
7.4	Air & Electrical Suzi Coils	54
7.5	Air Line Repair	62
AIR TANKS & AIR VALVES		
8.1	Air Tanks	65
8.2	Air Valves	67
BRAKE CHAMBERS & HARDWARE		
9.1	Brake Chambers	84
9.2	Brake Chamber Hardware	94
TRAILER ELECTRONIC BRAKING KITS, SENSORS & CABLES		
10.1	TEBS Module & Parts	98
10.2	Sensor Cables & Plugs	112

WHEEL END		PAGE
HUBS, DUST COVERS, BEARINGS, BEARING TOOLS & BEARING GREASE		
11.1	Hubs & Drums	122
11.2	Dust Covers	128
11.3	Bearing Kits & Tools	136
11.4	Bearing Grease	148
WHEEL NUTS, STUDS & CLAMPS		
12.1	Wheel Nuts	151
12.2	Wheel Studs	152
12.3	Wheel Clamps	162
WHEEL RIMS & SPACERS		
13.1	Wheel Rims	164
13.2	Wheel Spacer	169
HUB CAPS, INTEGRATED HUBODOMETERS, HUBODOMETERS & HUB SEALS		
14.1	Hub Caps	170
14.2	Integrated Hubodometers	186
14.3	Hubodometers	188
14.4	Hub Seals	192
AXLE NUTS, WASHERS, CIRCLIPS, SPLIT PINS, SPRING RINGS & AXLE TOOLS		
15.1	Axle Nuts	196
15.2	Axle Washers	201
15.3	Axle Circlips, Split Pins & Spring Rings	202
15.4	Axle Tools	204

METRIC CONVERSION

Inch (Fraction)	Inch (Decimal)	mm
1/64	0.0156	0.397
1/32	0.0313	0.794
3/64	0.0469	1.191
1/16	0.0625	1.587
5/64	0.0781	1.984
3/32	0.0938	2.381
7/64	0.1094	2.778
1/8	**0.125**	**3.175**
9/64	0.1406	3.572
5/32	0.1563	3.969
11/64	0.1719	4.366
3/16	0.1875	4.762
13/64	0.2031	5.159
7/32	0.2188	5.556
15/64	0.2344	5.953
1/4	**0.25**	**6.35**
17/64	0.2656	6.747
9/32	0.2813	7.144
19/64	0.2969	7.541
5/16	0.3125	7.937
21/64	0.3281	8.334
11/32	0.3438	8.731
23/64	0.3594	9.128
3/8	**0.375**	**9.525**
25/64	0.3906	9.922
13/32	0.4063	10.319
27/64	0.4219	10.716
7/16	0.4375	11.113
29/64	0.4531	11.509
15/32	0.4688	11.906
31/64	0.4844	12.303
1/2	**0.5**	**12.7**

Inch (Fraction)	Inch (Decimal)	mm
33/64	0.5156	13.097
17/32	0.5313	13.494
35/64	0.5469	13.890
9/16	0.5625	14.287
37/64	0.5781	14.684
19/32	0.5938	15.081
39/64	0.6094	15.478
5/8	**0.625**	**15.875**
41/64	0.6406	16.272
21/32	0.6563	16.669
43/64	0.6719	17.065
11/16	0.6875	17.462
45/64	0.7031	17.859
23/32	0.7188	18.265
47/64	0.7344	18.653
3/4	**0.75**	**19.05**
49/64	0.7656	19.447
25/32	0.7813	19.884
51/64	0.7969	20.240
13/16	0.8125	20.637
53/64	0.8281	21.034
27/32	0.8438	21.431
55/64	0.8594	21.828
7/8	**0.875**	**22.225**
57/64	0.8906	22.622
29/32	0.9063	23.019
59/64	0.9219	23.415
15/16	0.9375	23.812
61/64	0.9531	24.209
31/32	0.9688	24.606
63/64	0.9844	25.003
1	**1**	**25.4**



Regular maintenance schedules and using the right components are vital to ensure the safe operation of your trailer's braking system. This section will assist to identify brake calipers and pads, couplings, air tanks, air valves along with a comprehensive range of brake drums. PACCAR Parts – we've got your brake needs sorted.

BRAKING

CALIPERS, ROTORS & PADS, DRUMS

BRAKE CALIPERS IDENTIFICATION 15

CALIPER ASSEMBLY & SERVICE PARTS 24

CALIPER TOOL SET 30

BRAKE ROTORS & PADS 32

BRAKE DRUM 42

AIR LINES, COUPLINGS, SUZI COILS & REPAIR KITS

GLADHAND 49

SNAP ON COUPLINGS 51

DUO-MATIC & TRI-MATIC COUPLINGS 53

AIR & ELECTRICAL SUZI COILS 54

AIR LINE REPAIR 62

AIR TANKS & AIR VALVES

AIR TANKS 65

AIR VALVES 67

BRAKE CHAMBERS & HARDWARE

BRAKE CHAMBERS 84

BRAKE CHAMBER HARDWARE 94

TRAILER ELECTRONIC BRAKING KITS, SENSORS & CABLES

TEBS MODULE & PARTS 98

SENSOR CABLES & PLUGS 112

TO VIEW THE DIGITAL VERSION OF THE PACCAR PARTS TRAILER CATALOGUE SCAN HERE!

NOTES

BRAKE CALIPER IDENTIFICATION

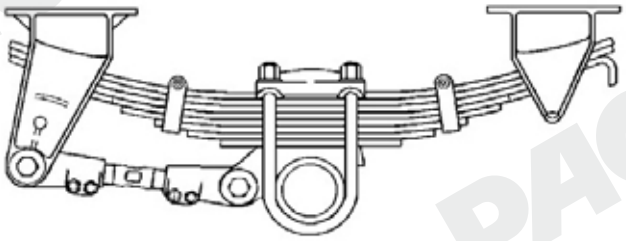
The following brake caliper identification pages contain useful information for visually identifying various Truck & Trailer calipers.

- Identify the “hand” of the caliper, not the position
- Calipers can be used in opposite positions depending on Overslung or Underslung suspension
- Pad retainer type & internal/external booster configuration can help

Note for BPW Calipers

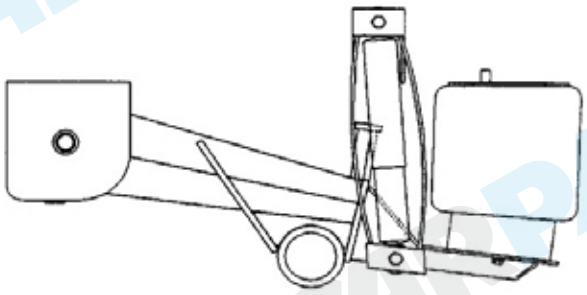
For underslung suspensions the right hand caliper is used on the left hand side of the axle and the left hand caliper is used on the right hand side of the axle. When identifying right or left handed calipers you must know whether the suspension is underslung or overslung.

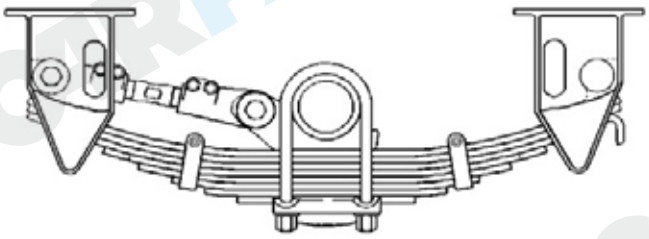
- Overslung = suspension springs over axle
- Underslung = suspension springs under axle



OVERSLUNG

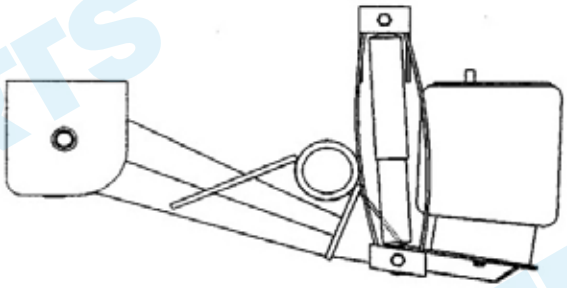
Suspension beam or spring **OVER** the axle





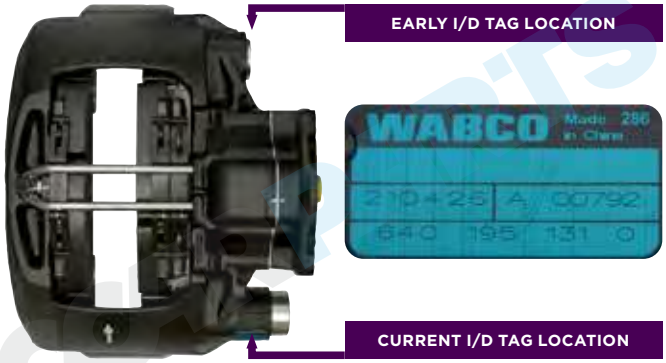
UNDERSLUNG

Suspension beam or spring **UNDER** the axle



BRAKE CALIPER IDENTIFICATION
WABCO CALIPER

WABCO

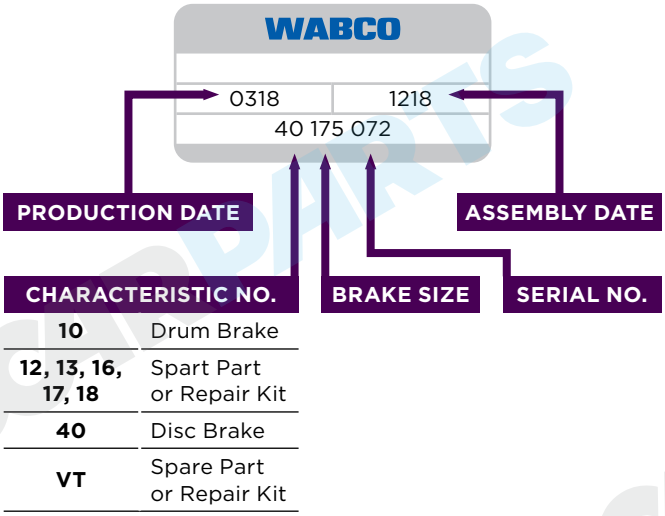


PAN 19 for 375mm Rotor
PAN 22 for 430mm Rotor

Structure of the WABCO Number

WABCO part numbers consist of 8 or 10 digits

8 Digit Product Number (Wheel Brakes)



CHARACTERISTIC NO.	
10	Drum Brake
12, 13, 16, 17, 18	Spart Part or Repair Kit
40	Disc Brake
VT	Spare Part or Repair Kit

NOTES

BRAKE CALIPER IDENTIFICATION
WABCO CALIPER

WABCO

WABCO PAN 19/22

LEFT HAND



LH Back View



LH Top View

RIGHT HAND



RH Back View



RH Top View

WABCO / HENDRICKSON MAXX22T

LEFT HAND



LH Back View



LH Top View

RIGHT HAND



RH Back View

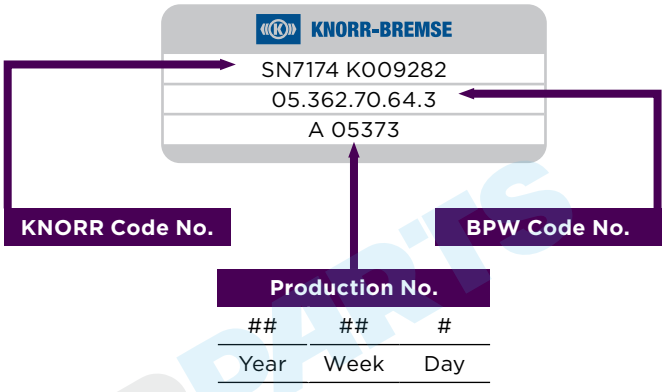


RH Top View

BRAKE CALIPER IDENTIFICATION
KNORR BREMSE CALIPER

KNORR-BREMSE





SB6 or SN6 370mm Diameter Rotor
SB7 or SN7 430mm Diameter Rotor
SK – 377mm

KNORR BREMSE SB/SK/SN TYPE

LEFT HAND



LH Back View



LH Top View

RIGHT HAND



RH Back View

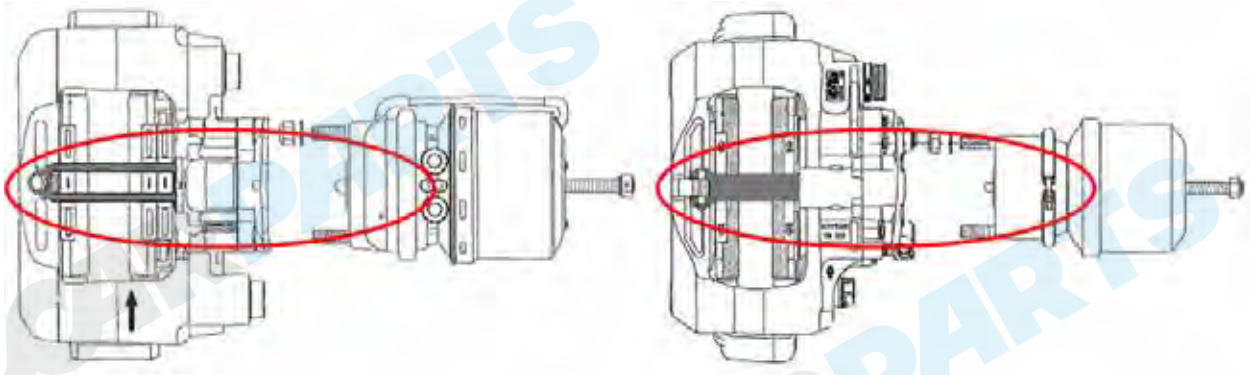


RH Top View

WABCO

KNORR-BREMSE

BRAKE CALIPER IDENTIFICATION
WABCO VS KNORR BREMSE



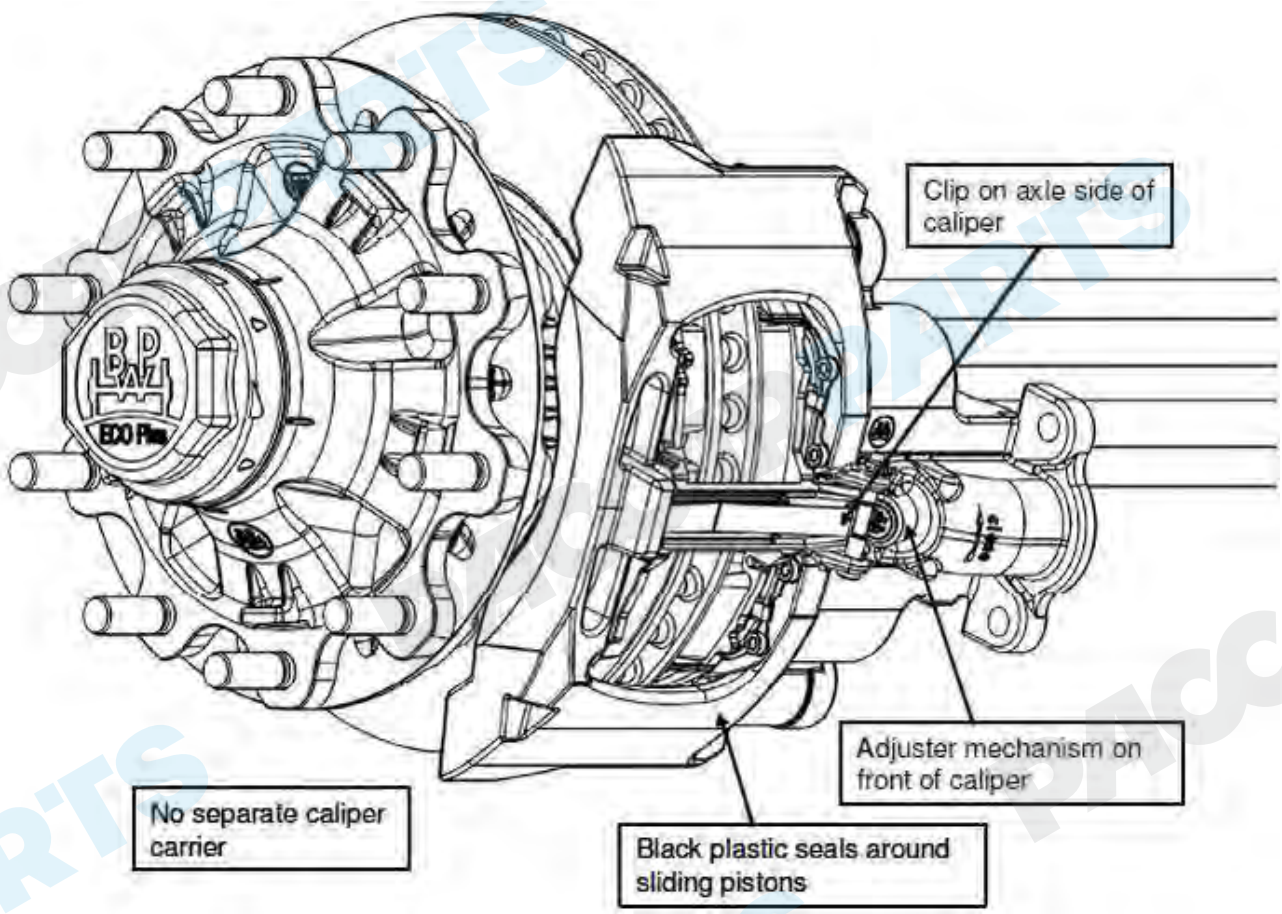
WABCO
Two Rod Type Pad Retainer
Internal Pushrod Booster

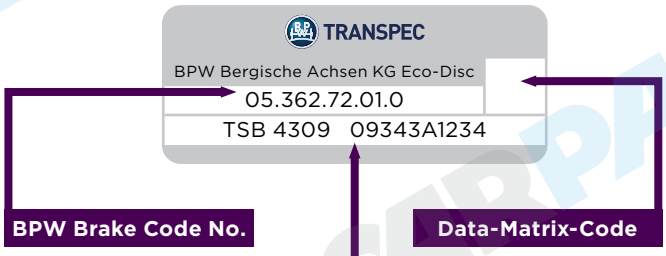
KNORR BREMSE
Flat Style Type Pad Retainer
Internal Pushrod Booster

NOTES

BRAKE CALIPER IDENTIFICATION
BPW — TSB CALIPER

TRANSPEC





- When the TSB caliper is mounted to the front of the axle (i.e. in the direction of travel) the long or fixed guide pins will be towards the bottom whether the suspension is underslung or overslung
- If the caliper is mounted behind the axle then the right handed caliper is used the left hand side of the axle and the left handed caliper is used on the right side of the axle

BPW Brake Type & Serial No. of the Brake	
TSB 4309	430mm Rotor
TSB 3709	374mm Rotor

TRANSPEC

KNORR-BREMSE

BRAKE CALIPER IDENTIFICATION
BPW — KNORR BREMSE A/B/C TYPE

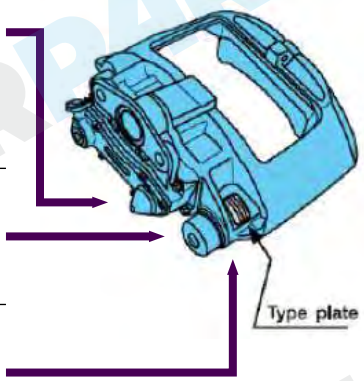
IDENTIFYING FEATURES OF CALIPER TYPES A & B

Type A — 8mm hex adjustment screw with flat plastic cover

Type B — 10mm hex sacrificial adjuster screw with domed rubber cover

Steel cap with o ring from mid 2000, bellow with hose clip up to mid 2000

Two part housing

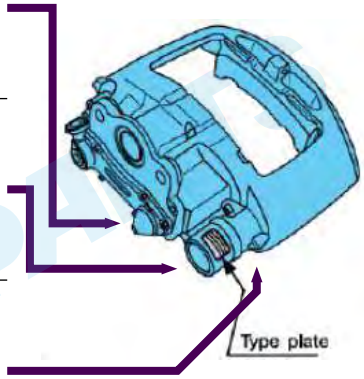


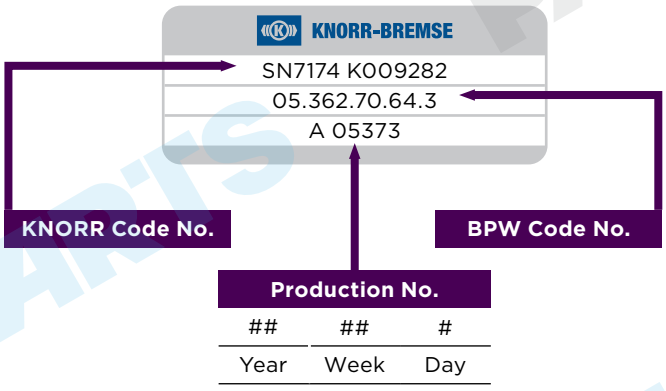
IDENTIFYING FEATURES OF CALIPER TYPE C

10mm hex sacrificial adjuster screw with domed rubber cover

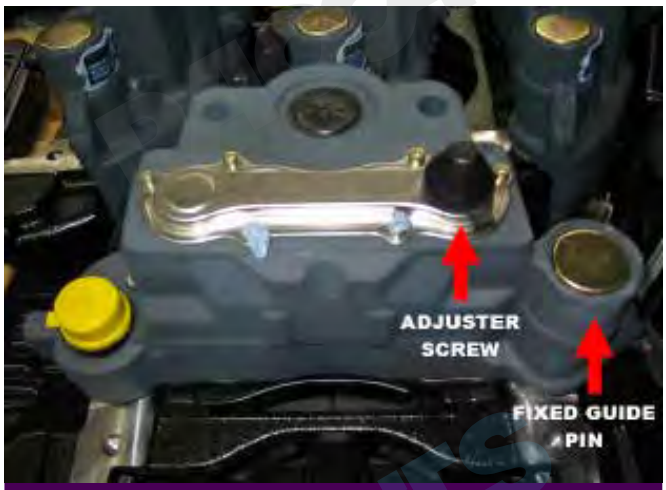
Flat steel cover

One part housing



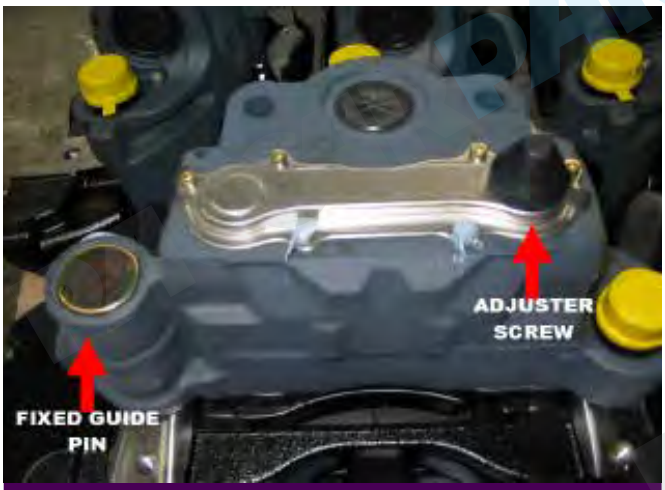


- For underslung suspensions the right hand caliper is used on the left hand side of the axle and the left hand caliper is used on the right hand side of the axle
- When identifying right or left handed caliper you must know whether the suspension is underslung or overslung



LEFT HAND CALIPER

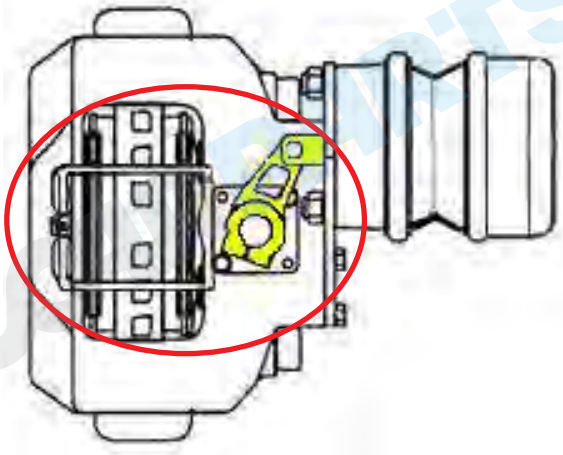
Adjuster screw is adjacent to the fixed guide pin

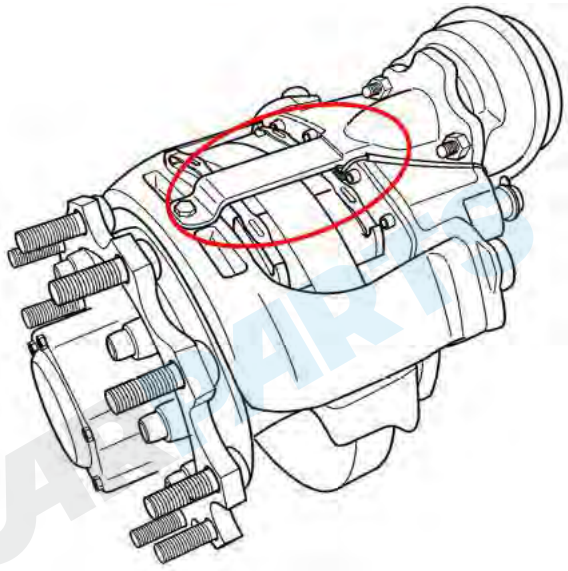


RIGHT HAND CALIPER

Adjuster screw is on the opposite side of the caliper from the fixed guide pin

BRAKE CALIPER IDENTIFICATION
MERITOR CALIPER





MERITOR DX195
Two Rod Type Pad Retainer
External Pushrod Booster

MERITOR ELSA195
Flat Bar Pad Retainer
Internal Pushrod Booster

NOTES

BRAKE CALIPER IDENTIFICATION
MERITOR CALIPER

MERITOR DX195

LEFT HAND	RIGHT HAND
	
LH Back View	RH Back View
	
LH Top View	RH Top View

MERITOR ELSA195

LEFT HAND	RIGHT HAND
	
LH Back View	RH Back View
	
LH Top View	RH Top View

BRAKE CALIPERS
ASSEMBLY & SERVICE PARTS

WABCO

PAN 19 — 377mm						
APP.	**ASSEMBLY**	**PART NO.**	**REPLACES**	**SERVICE**	**PART NO.**	**REPLACES**
Hendrickson Fuwa K Hitch SAF-Holland York TMC	Left Hand	6401951310	79787317 3080007100 3080003300 S40195027 40195027	Brake Pad Kit	12999737	79787364 3057008002 6401959332
	Right Hand	6401951320	79787318 3080007200 3080003200 S40195028 40195028	Seal & Guide Bolt	6402259212	79787365 3434382701

PAN 22 — 430mm						
APP.	**ASSEMBLY**	**PART NO.**	**REPLACES**	**SERVICE**	**PART NO.**	**REPLACES**
Hendrickson Fuwa K Hitch York TMC	Left Hand	6402251200	79787421 6402250360 D-31346-1L	Brake Pad Kit	12999796	79787420 6402259222 3057008400
	Right Hand	6402251210	79787422 D-31346-1R 6402250370	Seal & Guide Bolt	6402259212	79787365 S-32676-4

APP - APPLICATION

BRAKE CALIPERS
ASSEMBLY & SERVICE PARTS

HENDRICKSON
The World Rides On Us®

MAXX22T HDT — 415mm

APP.	ASSEMBLY	PART NO.	REPLACES	SERVICE	PART NO.	REPLACES
Hendrickson	Left Hand	98881-103	6402220050	Brake Pad Kit	S-35303-1	Includes Pads, Springs, Holder Brackets, Screws & Plugs
	Right Hand	98881-104	6402220060	Seal & Guide Bolt Kit	S-35303-4	Includes Plug, Inner Seals, Outer Seals, Sliding Bolts, Metal Caps, Screws & Guide Pin Bushes
				Piston Seal Kit	D-32676-3	Includes Plug, Inner Seal & Outer Seal

WABCO HTD — 377mm

APP.	ASSEMBLY	PART NO.	REPLACES	SERVICE	PART NO.	REPLACES
Hendrickson	Left Hand	97097-007	6401950810	Brake Pad Kit	98881-021	Includes Pad Retaining Hardware
	Right Hand	97097-008	6401950820	Seal & Guide Bolt Kit	D-32676-15	Single Caliper Kit includes Caps
				Piston Seal Kit	D-32676-3	Single Caliper Kit
				Caliper Cap Kit	98881-040	Includes LH & RH side
				Guide Pin Cover Kit	97805-001	Includes LH & RH side

WABCO HTD — 430mm

APP.	ASSEMBLY	PART NO.	REPLACES	SERVICE	PART NO.	REPLACES
Hendrickson	Left Hand	D-31346-1L	6402250360	Brake Pad Kit	D-32676-1	Includes Pad Retaining Hardware
	Right Hand	D-31346-1R	6402250370	Seal & Guide Bolt Kit	D-32676-15	Single Caliper Kit includes Caps
				Piston Seal Kit	D-32676-3	Single Caliper Kit
				Caliper Cap Kit	98881-040	Includes LH & RH side
				Guide Pin Cover Kit	97802-001	Includes LH & RH side

KNORR BREMSE — SN7 — 430mm

APP.	ASSEMBLY	PART NO.	SERVICE	PART NO.	REPLACES
Hendrickson	Left Hand	97097-017	Brake Pad Kit	98881-005	Includes Adjuster Plug, Nut & Retainer Hardware
	Right Hand	97097-018	Slide Rebuild Kit	97097-013	SN7
			Tappet Kit	97097-009	SN7

APP - APPLICATION

BRAKE CALIPERS
ASSEMBLY & SERVICE PARTS

TRANSPEC

TSB 3709 — 377mm				
APP.	ASSEMBLY	PART NO.	SERVICE	PART NO.
BPW	Left Hand	0936272131TS	Brake Pad Kit	0980107940
	Right Hand	0936272141TS	Guide Pin Repair Kit	0980107611
			Seal & Guide Pin Kit	0980107620
			Tappet Repair Kit	0980107631

TSB 4309 — 430mm				
APP.	ASSEMBLY	PART NO.	SERVICE	PART NO.
BPW	Left Hand	0936272110TS	Brake Pad Kit	0980107960
	Right Hand	0936272120TS	Guide Pin Repair Kit	0980107611
			Seal & Guide Pin Kit	0980107620
			Tappet Repair Kit	0980107631

SB 3745 — 377mm							
APP.	ASSEMBLY	PART NO.	RATION-ALISED CALIPER	PART NO.	SERVICE	PART NO.	COMMENT
BPW (Knorr)	Left Hand	0536270375	Left Hand	0536270610RAT	Brake Pad Kit	0980108151	
	Right Hand	0536270365	Right Hand	0536270600RAT	Guide Pin & Seal Repair Kit	0980106240/310	Type A & B
						0980106330	Type C
					Thrust Pad & Boot Kit	0980102630	Type A & B
						0980106320	Type C

*Axial mounting - Carrier PN 0203131300

SB 3745T/SB4309T — 377mm/430mm							
APP.	ASSEMBLY	PART NO.	RATION-ALISED CALIPER	PART NO.	SERVICE	PART NO.	COMMENT
BPW (Knorr)	Left Hand - SB3745T	0536270615	Left Hand - SB3745T	0536270610RAT	Brake Pad Kit	0980108151	
	Right Hand - SB3745T	0536270605	Right Hand - SB3745T	0536270600RAT		0980108161	
	Left Hand - SB4309T	0536270635	Left Hand - SB4309T	0536270630RAT	Guide Pin & Seal Repair Kit	0980106330	
	Right Hand - SB4309T	0536270625	Right Hand - SB4309T	0536270620RAT		0980106330KB	Suits Ration-alised Caliper
					Thrust Pad & Boot Kit	0980106320	

*Tangential Mounting - Carrier PN 0330388550 or 0330388560

APP - APPLICATION

BRAKE CALIPERS
ASSEMBLY & SERVICE PARTS

MERITOR
RUN WITH THE BULL

DX195 — 378mm				
APP.	ASSEMBLY	PART NO.	SERVICE	PART NO.
Meritor	Left Hand	15224836SR	Brake Pad Kit	MDP5076
	Right Hand	15224837SR	Guide Pin Kit	MCK1171

ELSA195 — 378mm				
APP.	ASSEMBLY	PART NO.	SERVICE	PART NO.
Meritor	Left Hand	LRG702	Brake Pad Kit	MDP5093
	Right Hand	LRG703	Guide Pin Kit	MCK1298

KNORR-BREMSE

SB 3745 — 377mm					
PART NO.	DESCRIPTION	APP.	CARRIER NO.	KNORR TYPE NO.	SUITS ROTOR SIZE
K003783	Rationalised Caliper - LH	BPW, Hendrickson		(Original cal. = SB7) Rat = SN7	430mm
K003784	Rationalised Caliper - RH				
K013173	Rationalised Caliper	BPW	K001105	SN6539	370mm
K013174				SN6529	
K013173			K004679	SN6517	
K013174				SN6507	
K012634			K012619	SN7011	430mm
K012633				SN7001	

SB 3745 — 377mm						
PART NO.	MOUNTING TYPE	WHEEL SIZE	GUIDE & SEAL KIT	TAPPET & BOOT KIT	BRAKE PAD SET	ADJUSTER CAP KIT
K003783	Axially Mounted Caliper	22.5	K067417K50	K010603	K046771K50	K000029
K003784						
K013173		19.5			K078206K50	
K013174						
K013173	Tangentially Mounted Caliper					
K013174						
K012634		22.5	K108002K50		K046771K50	
K012633						

APP - APPLICATION

BRAKE CALIPERS
TOOL SET

TOOL SETS FOR MAXX, MAXXUS & PAN CALIPERS

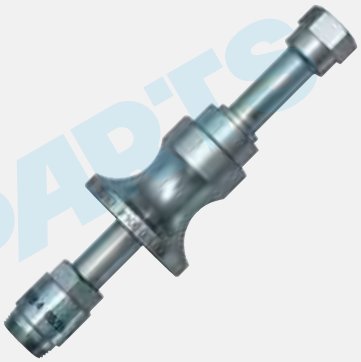
Full Tool Set
4006083750



Basic Tool Set
3001000102



Adjuster Change
3001000112



Ratchet for Return Unit
3001000122



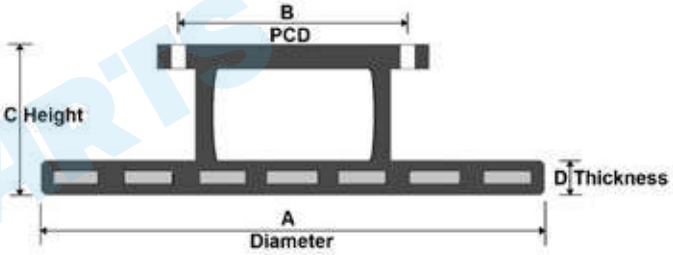
Extension Tool Set
3001000132



NOTES

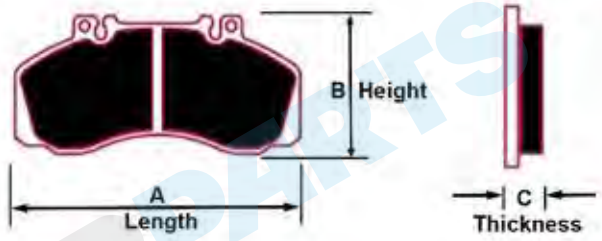
BRAKE ROTORS & PADS

TRANSPEC



ROTOR & AXLE MODEL

PART NO.	AXLE MODEL	A DIAMETER	B PCD	C HEIGHT	D THICKNESS	STUD HOLES
0308834070	Eco Hub Disc Brake SH/SKH 9 Tonne	377mm	285mm	165mm	45mm	10
0308834060		377mm	335mm	159.5mm		10
0308834150		374mm	275mm			8
0308835120	Eco Plus 3 Hub Disc Brake 10-12 Tonne	430mm	335mm			10
0308835140		430mm	285mm			10
0308834150		374mm	275mm			8
0308834160		374mm	275mm			8
0308835120	Eco Plus Hub Disc Brake 10-12 Tonne	430mm	335mm			10
0308835140		430mm	285mm			10
0308834150		374mm	275mm			8
0308834160		374mm	275mm			8

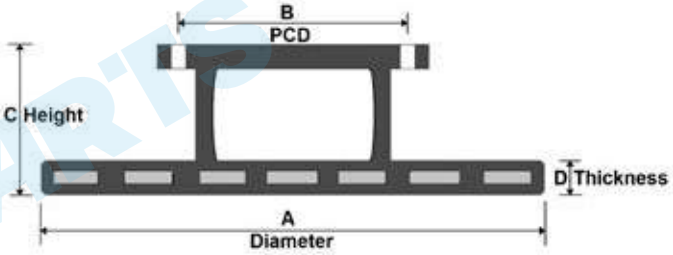


BRAKE PAD & CALIPER TYPE

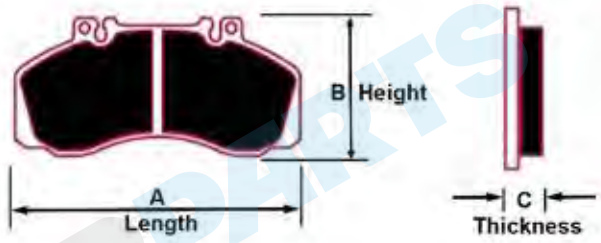
PART NO.	CALIPER	A LENGH	B HEIGHT	C THICKNESS
0980108151	SB3745	210.7mm	92.5mm	30mm
0980107960	SB4309T	211mm	108mm	30mm
0980108730				
0980107940	SB3709			
0980108720				
0980108161	SB4309T			

PCD - PITCH CIRCLE DIAMETER

BRAKE ROTORS & PADS



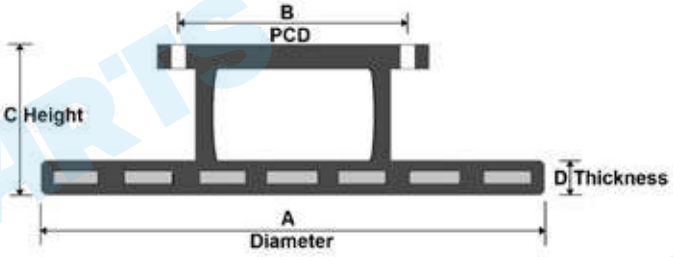
ROTOR & AXLE MODEL						
PART NO.	AXLE MODEL	A DIAMETER	B PCD	C HEIGHT	D THICKNESS	STUD HOLES
H32-D002	Rotor FB24 TN Hub 10 x 285 - PAN 22	430mm	250mm	150mm	45mm	10
CM10082074	Rotor Kit KF23 ConMet PreSet & PreSet Plus Hub - PAN 22	430mm	250mm	150mm		10
H32-D002	Rotor KF23 TP Hub 10 x 285 - PAN 22	430mm	250mm	150mm		10
H32-D101	Rotor KF36 10 x 285 & 335 Unitised Hub - PAN 19	377mm	250mm	150mm		10
H32-D102	Rotor KF36 TP Hub 10 x 285- PAN 19	375mm	260mm	157.5mm		10
BC8435	Rotor KF36 5 Spoke Unitised Hub - PAN 19	377mm	280mm	163mm		5
BC8435TP	Rotor KF36 5 Spoke TP Hub- PAN 19	377mm	279.4mm	163mm		5
BC8433	Rotor KF26 & KF36 10 x 285 & 335 - 8 x 275 - TN Hub - PAN 19	375 mm	196 mm	139 mm		8
BC8439	Rotor KF26 8 x 275 Unitised Hub - PAN 19	377 mm	250 mm	150 mm		8



BRAKE PAD & CALIPER TYPE						
PART NO.	CALIPER	OEM PART NO.	A LENGH	B HEIGHT	C THICKNESS	COMMENTS
12999796	PAN 22	12999796	210mm	109mm	31mm	Conmet Rotor Kit in Hardware
12999737	PAN 19	12999737	211mm	92mm	30mm	

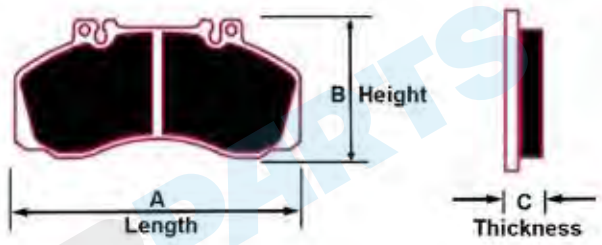
PCD - PITCH CIRCLE DIAMETER

BRAKE ROTORS & PADS



HENDRICKSON
The World Rides On Us

ROTOR & AXLE MODEL						
PART NO.	AXLE MODEL	A DIAMETER	B PCD	C HEIGHT	D THICKNESS	STUD HOLES
98815-032	Rotor Kit Conventional HN Iron Hub 8 x 275 Hub HXL2 & HXL5 Axle	377mm	196mm	140mm	45mm	8
98815-033	Rotor Kit Conventional HN Iron Hub 10 x 285 & 10 x 335 HXL2 & HXL5 Axle	430mm	250mm	150mm		10
98815-018	Rotor Kit HN ConMet Preset Hub 10 x 285 to July 2007	430mm	200mm	52mm		10
98815-019	Rotor Kit HN ConMet Preset Hub 10 x 285 Hub HXL2 & HXL5 Axle July 2007 to 2019	430mm	200mm	52mm		10
98815-031	Rotor Kit HN ConMet Preset Hub 10 x 285 Hub HXL2 & HXL5 Axle from 2019	430mm	200mm	52mm		10
98815-026	Rotor Kit HXL7 HP 10 x 285 & 10 x 335 KIC Rotor	430mm	250mm	150mm		10
98815-027	Rotor Kit HXL7 HP 10 x 285 & 10 x 335 MAXX22T HDT-415mm	415mm	250mm	150mm	43mm	10



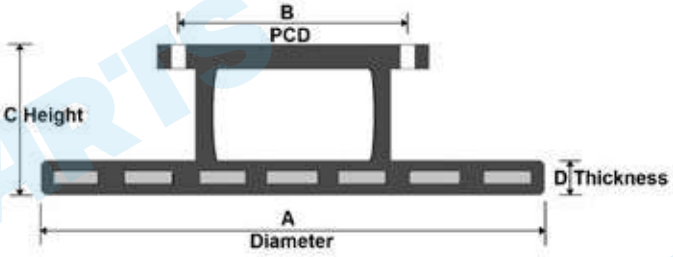
BRAKE PAD & CALIPER TYPE					
PART NO.	CALIPER	A LENGH	B HEIGHT	C THICKNESS	COMMENTS
98881-021	PAN 19	211mm	92mm	30mm	Includes Mounting Hardware
D-32676-1	PAN 22	210mm	109mm	31mm	
D-32676-1	PAN 22	210mm	109mm	31mm	Up to July 2007 will only available as Hub & Rotor (Old rotor stamped 10009970)
98881-005	Knorr SN7	247mm		30mm	
D-32676-1	PAN 22	210mm	109mm	31mm	Up to July 2007 will only available as Hub & Rotor (Old rotor stamped 10009970)
98881-005	Knorr SN7	247mm		30mm	
D-32676-1	PAN 22	210mm	109mm	31mm	From 2019 uses locking cirlcip for ABS ring Rotor stamped 10084701
98881-005	Knorr SN7	247mm		30mm	
D-32676-1	PAN 22	210mm	109mm	31mm	Includes Mounting Hardware
S-35303-1	MAXX22T				

* HXL2 & HXL5 are exactly the same except for the grease (lithium vs. semi-fluid) & most importantly the identifying label on the hubcap

Note: HXL2™ requires NLGI #2 wheel bearing grease
HXL5® requires Mobil Mobilith SHC®007 Synthetic Grease. Do not mix different types of lubricant

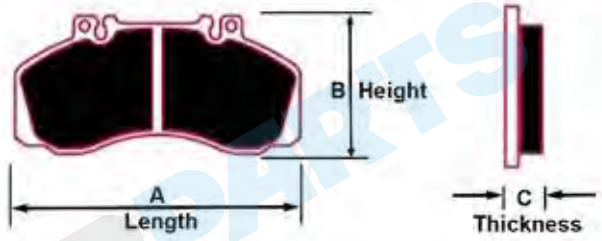
PCD - PITCH CIRCLE DIAMETER

BRAKE ROTORS & PADS



MERITOR
RUN WITH THE BULL

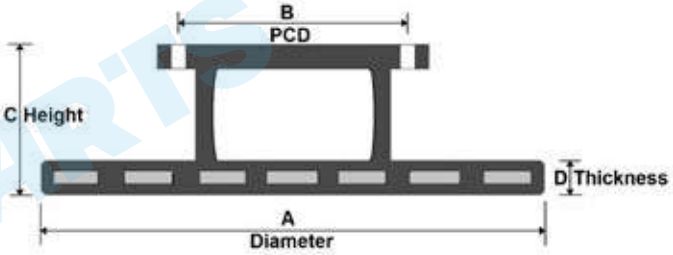
ROTOR & AXLE MODEL							
PART NO.	AXLE MODEL	A DIAMETER	B PCD	C HEIGHT	D THICKNESS	STUD HOLES	OEM ROTOR PART NO.
MBR5803	BPW	430mm	285mm	159.5mm	45mm	10	0308835140
MBR5125	SAF	430mm	190mm	48mm		10	4079001301
MBR5805	K Hitch	377mm	196mm	139mm		8	BC8433
MBR5072	SAF	377mm	285mm	159mm		10	4079000400
MBR5804	K Hitch	377mm	285mm	158mm		10	4079001201
MBR5802	Hendrickson	430mm	200mm	45mm		10	98815-018
MBR5074	SAF	430mm	335mm	160mm		10	4079000300
MBR5047	BPW	430mm	335mm	160mm		10	0308835120
MBR5079	Meritor / ROR	378mm	275mm	150mm		8	21224263
MBR5073	Meritor / ROR	378mm	250mm	150mm		10	21227349
MBR5079	Meritor / ROR	378mm	275mm	150mm		8	21224263



BRAKE PAD & CALIPER TYPE					
PART NO.	CALIPER	A LENGTH	B HEIGHT	C THICKNESS	PAD CROSS REFERENCE
MDP3228K	TSB4309	210.3mm	117.8mm	30mm	CVP503
MDP3171K	SK7000/SB4309	210.7mm	108.5mm	30mm	DCVP094 WDP094K
MDP3162K	Wabco PAN 22-1	210.2mm	109.3mm	31mm	12999796 DCVP096K WDP096K
MDP3126K	Wabco PAN 19-1	210.4mm	92.4mm	29.7mm	DCVP090K CVP090PT 12999737 WDP090K 3057008002 1436901
MDP3087K	Knorr SB7000	247.5mm	106mm	30mm	WDP020K DCVP020K
MDP3169K	Meritor Elsa 195	210.5mm	99.7mm	30mm	
MDP3124K	Meritor DX195	205.4mm	102mm	27mm	DCVP024 CVP024PT

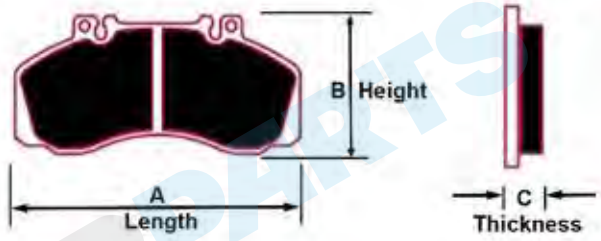
PCD - PITCH CIRCLE DIAMETER

BRAKE ROTORS & PADS



SAF Holland

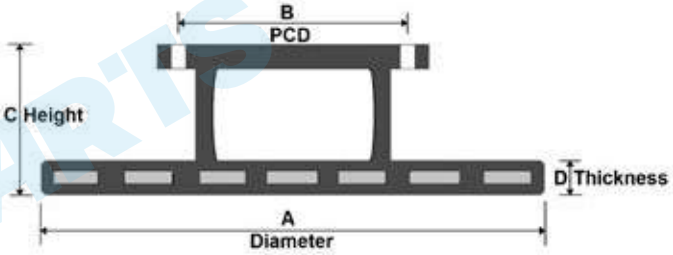
ROTOR & AXLE MODEL						
PART NO.	AXLE MODEL	A DIAMETER	B PCD	C HEIGHT	D THICKNESS	STUD HOLES
4079001501	Rotor ZI9-22K01 Axle - Integral Rotor Knorr Bremse SK7	430mm	193mm	135mm	45mm	10
3079001601	Rotor ZI9-19W Axle - Integral Rotor Wabco PAN 19.1	377mm	193mm	145mm	50mm	10
	Rotor ZIL9-19W - Steer Axle Overslung & Underslung Wabco PAN 19.1					



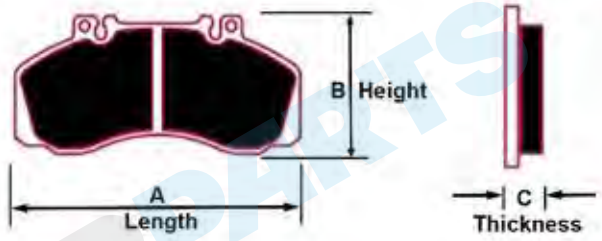
BRAKE PAD & CALIPER TYPE				
PART NO.	CALIPER	A LENGTH	B HEIGHT	C THICKNESS
3057008500	SK 7	247mm	109mm	30mm
3057008000	PAN 19	211mm	93mm	30mm

PCD - PITCH CIRCLE DIAMETER

BRAKE ROTORS & PADS



ROTOR & AXLE MODEL							
PART NO.	AXLE MODEL	A DIAMETER	B PCD	C HEIGHT	D THICKNESS	STUD HOLES	OEM ROTOR PART NO.
TRPDR004	Eco Hub Disc Brake - SH/SKH 9 Tonne	377mm	285mm	165mm	45mm	10	0308834070
TRPDR001	Eco Plus & Eco 3 Hub Disc Brake 10-12 Tonne	430mm	285mm	159.5mm		10	0308835140
TRPDR003	K Hitch KF26 & KF36 10 x 285 / 335 8 x 275 TN Hubs	377mm	196mm	139mm		8	BC8433
	York 2980 Axle						79787412
TRPDR005	SAF ZI9-19W Axle - Integral Rotor Wabco PAN 19.1	377mm	285mm	145mm		10	3079001601
TRPDR007	SAF RZ 9019W Intradisc Wabco PAN 19-1 Brakes	377mm	285mm	158mm		10	4079001201S
	SAF SK RZ 9019K SK Knorr Bremse SB6 Brakes						

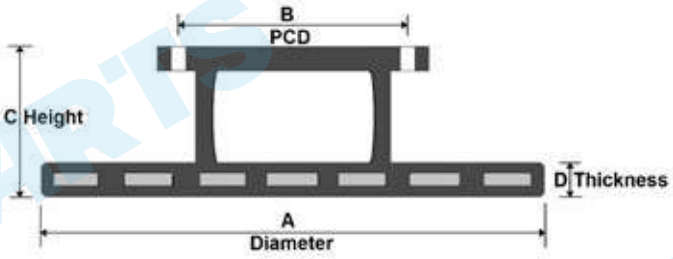


BRAKE PAD & CALIPER TYPE					
PART NO.	CALIPER	A LENGTH	B HEIGHT	C THICKNESS	PAD CROSS REFERENCE
1961734	Knorr SN / SB6	210.7mm	92.5mm	30mm	0980108150 CVP092PT WDP092K
1961736	Knorr SK7000/SB4309	210.7mm	108.5mm	30mm	2930801 CVP094 DCVP094 WDP094K
0908138	Wabco Pan 19-1	210.4mm	92.4mm	29.7mm	DCVP090K CVP090PT 12999737 WDP090K
1961734	Knorr SB6	210.7mm	92.5mm	30.0mm	0980108150 CVP092PT WDP092K

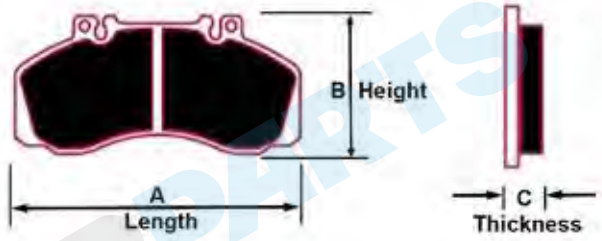
PCD - PITCH CIRCLE DIAMETER

BRAKE ROTORS & PADS

YORK



ROTOR & AXLE MODEL						
PART NO.	AXLE MODEL	A DIAMETER	B PCD	C HEIGHT	D THICKNESS	STUD HOLES
7910018609	Rotor Kit 2970 Axle Preset Hub PAN 22	430mm	200mm	52mm	45mm	10
79789121	Rotor 2570 Axle MFL & 2970 Steel Hub PAN 22	430mm	250mm	150mm		10
79787412	Rotor 2980 Axle PAN 19	377mm	196mm	139mm		8

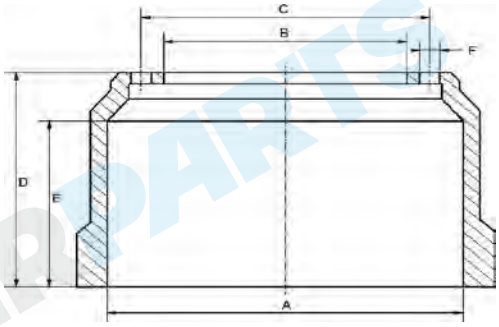


BRAKE PAD & CALIPER TYPE				
PART NO.	CALIPER	A LENGTH	B HEIGHT	C THICKNESS
79787420	PAN 22	210mm	109mm	31mm
79787420	PAN 22	210mm	109mm	31mm
79787364	PAN 19	211mm	92mm	30mm

PCD - PITCH CIRCLE DIAMETER

NOTES

BRAKE DRUM



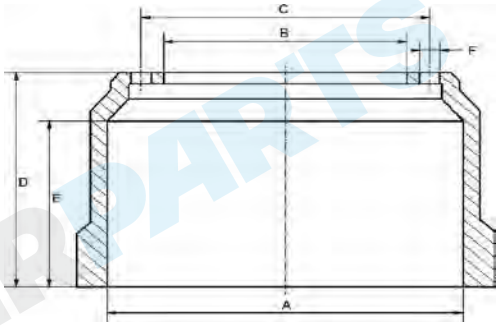
A = DRUM DIAMETER
B = SPIGOT
C = BOLT PCD
D = DRUM WEIGHT
E = BRAKE WIDTH
F = STUD / BOLT HOLE DIAMETER

TRP BRAKE DRUM

PART NO.	APPLICATION	A & E BRAKE SIZE	B SPIGOT	C BOLT PCD	D DRUM HEIGHT	F HOLES/ DIA	REPLACES
DB008TRP	Steer Axle	15" x 4"	9-¼"	11-¼"	5-⅞"	6 x 0.78" (20mm)	DF101 M906306 AP0880
DB016TRP	Steer Axle	16-½" x 5"	223mm	285mm	230mm	10x25mm	DF136 M906092 AP0844
DB003TRP	Steer Axle MFS	16-½" x 6"	223mm	285mm	250mm	10x25mm	DF244 M906371 AP0848
DB018TRP	Steer Axle Iveco/Euro	16-½" x 6"	285mm	335mm	248mm	10x25mm	DF177 BD37055.370
DB005TRP	Drive Axle	16-½" x 7"	11-¼"	12-¾"	8-½"	5 or 6 x 0.78" (20mm)	DT189 M906343 AP0856
DB011TRP	Drive & Trailer Axle	16-½" x 7"	285mm	335mm	267mm	10x25mm	DR192 M906631 AP0975
DB014TRP	GP Trailer & Drive	16-½" x 7"	9-7/16"	11"	8-3/16"	5+6 x 0.78" (20mm)	DM185 M906033 AP0855K
DB015TRP	Drive & Trailer Axle	16-½" x 7"	223mm	285mm	269mm	10x25mm	DR190 M906619 AP0875
DB017TRP	Drive Steel Jacket Drum	16-½" x 7"	223mm	285mm	264mm	10x25mm	53-123537-002 MW89996B AP0888
DB001TRP	BPW	420x180mm	240mm	285mm	253mm	10x23mm	0310967870 04683200A AP0893

DIA - DIAMETER

BRAKE DRUM



A = DRUM DIAMETER
B = SPIGOT
C = BOLT PCD
D = DRUM WEIGHT
E = BRAKE WIDTH
F = STUD / BOLT HOLE DIAMETER

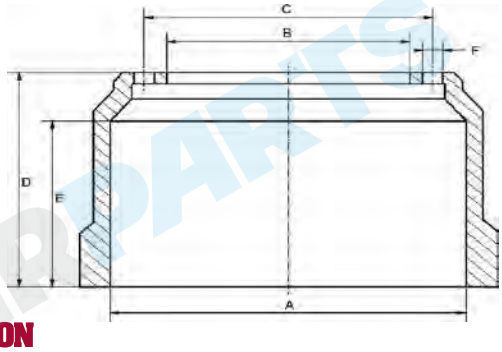
TRANSPEC

BPW BRAKE DRUM

PART NO.	APPLICATION	A & E BRAKE SIZE	B SPIGOT	C BOLT PCD	D DRUM HEIGHT	F HOLES/ DIA	COMMENTS
0310990220	Eco Hub KH/KR 3620 Axle 19.5	360x200 mm	230mm	275mm	263mm	8x23mm	
0310990240	Eco Hub KH/KR 3620 Axle 19.5	360x200 mm	190mm	225mm	263mm	10x23mm	
0310990030	Eco Hub KH/KR 3620 Axle 19.5	360x200 mm	230mm	275mm	260mm	8x23mm	
0310967810	Eco Plus Hub-H/R, KH / 9 & 10-12 Tonne	420x180mm	290mm	335mm	253mm	6x21mm	
0310967170	9000 Lightweight Axle	420x180mm	290mm	335mm	226mm	6x21mm	
0310667080 (NLA)	Old Generation Spider Hub 20"	420x180mm	290mm	335mm	246mm	6x21mm	Genuine BPW NLA
0310967810	New Generation Spider Hub H91, H10, R10	420x180mm	290mm	335mm	253mm	6x21mm	M906079
0310667620	BPW Eco Hub 9 Tonne 9010 HZA-ZM & HAS-SM Axle	420x180mm	290mm	335mm	229mm	10x23mm	
0310666100 (NLA)	BPW Eco Hub 9 Tonne 9010 HZA-ZM & HAS-SM Axle	420x180mm	240mm	285mm	226mm	10x23mm	Genuine BPW NLA
0310967130	Eco Plus 3 Hub-H/R, KH / 10-12 Tonne	420x180mm	290mm	335mm	226mm	10x23mm	
0310967740	BPW Eco Hub 10 Tonne 9110 HZA-ZM & HAS-SM Axle	420x180mm	290mm	335mm	253mm	10x23mm	
0310967780	Eco Plus 3 Hub-H/R, KH / 10-12 Tonne	420x180mm	290mm	335mm	249mm	10x23mm	
0310967080	BPW Eco Hub 10 Tonne 9110 HZA-ZM & HAS-SM Axle	420x180mm	240mm	285mm	253mm	10x23mm	
0310967870	Eco Plus 3 Hub-H/R, KH / 10-12 Tonne	420x180mm	240mm	285mm	253mm	10x23mm	DB001TRP PE Drum 04683200A
0310677620	MZM20010 20 Tonne Axle	420x200mm	290mm	335mm	307mm	10x23mm	Inboard Mount
0310977460	HZM14010 14 Tonne Eco Axle	420x200mm	290mm	335mm	297mm	10x23mm	Inboard Mount Ribbed Drum
0310977470	HZD/HZM18010 18 Tonne Eco Axle	420x200mm	290mm	335mm	287mm	10x23mm	Inboard Mount Ribbed Drum

DIA - DIAMETER | NLA - NO LONGER AVAILABLE

BRAKE DRUM



A = DRUM DIAMETER
B = SPIGOT
C = BOLT PCD
D = DRUM WEIGHT
E = BRAKE WIDTH
F = STUD / BOLT HOLE DIAMETER

HENDRICKSON
The World Rides On Us®

HENDRICKSON BRAKE DRUM

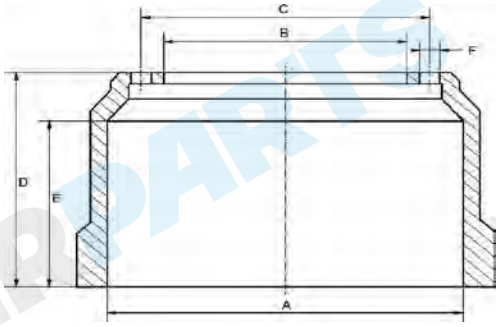
PART NO.	APPLICATION	A & E BRAKE SIZE	B SPIGOT	C BOLT PCD	D DRUM HEIGHT	F HOLES/ DIA	COMMENTS
S-27826	15" x 8-⅝" – 8 Stud 275 PCD (Centrifuse)	15" x 8-⅝"	229mm	275mm	295mm	8x25mm	
C-31699	16.5" x 7" – 10 Stud 335 PCD (Cast)	16.5" x 7"	285mm	335mm	273mm	10x25mm	
MW89996B	16.5" x 7" – 10 Stud 285 PCD (Centrifuse)	16.5" x 7"	223mm	285mm	264mm	10x25mm	
98815-028	16.5" x 7" – 5 Spoke	16.5" x 7"	240mm	280mm	210mm	6x20mm	NLA Use 98792-013 Hub & Drum
D-30114	16.5" x 7" – 10 Stud 285 PCD (Cast)	16.5" x 7"	223mm	285mm	269mm	10x25mm	
98815-012	16.5" x 8-⅝" – 10 Stud 335 PCD (Cast)	16.5" x 8-⅝"	285mm	335mm	291mm	10x25mm	C-30652
600026	16.5" x 8-⅝" – 10 Stud 285 PCD (Centrifuse)	16.5" x 8-⅝"	223mm	285mm	273mm	10x25mm	
98815-025	16.5" x 8-⅝" – 10 Stud 285 PCD (Cast)	16.5" x 8-⅝"	223mm	285mm	289mm	10x25mm	

FUWA K HITCH BRAKE DRUM

PART NO.	APPLICATION	A & E BRAKE SIZE	B SPIGOT	C BOLT PCD	D DRUM HEIGHT	F HOLES/ DIA
KH52743-11	KK44 Spider Hub (Low Loader)	12-¼" x 7-½"	8-½"	10"	9-5/32"	9 x 0.66" (17mm)
H32-9401	KK44 10 Stud Hub (Low Loader)	12-¼" x 7-½"	183mm	225mm	290mm	10x25mm
KH3602-0101	KF 21-22-29-61, 10 Stud Hub	16-½' x 7"	286mm	335mm	278mm	10x25mm
KH3602-0303	KF 12-21-22-29-61, 10 Stud Hub	16-½' x 7"	223mm	285mm	278mm	10x25mm
KH3602/GF	KF21-22-29-61 Spider Hub - TN	16-½" x 7"	9-7/16"	11"	8-7/16"	5 x ¾" (19mm)
KH3602/FF	KF21-22-29-61 Spider Hub - TP	16-½" x 7"	9-½"	11-¼"	9"	5 x ¾" (19mm)
H32-9901	KF37 8 Stud Hub (19.5") - TN	381x220mm	229mm	275mm	295mm	8x25mm
KH3602-2104	KF75 10 Stud Hub 150 HD Axle	420x220mm	282mm	335mm	289mm	10x24mm

DIA - DIAMETER | NLA - NO LONGER AVAILABLE

BRAKE DRUM



A = DRUM DIAMETER
B = SPIGOT
C = BOLT PCD
D = DRUM WEIGHT
E = BRAKE WIDTH
F = STUD / BOLT HOLE DIAMETER

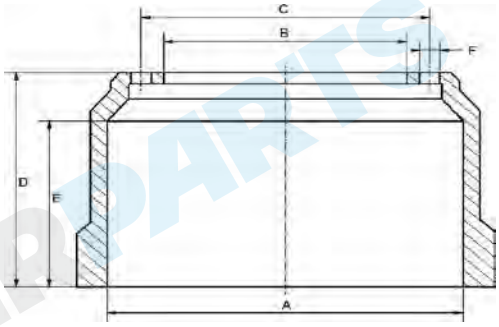
YORK

YORK BRAKE DRUM

PART NO.	APPLICATION	A & E BRAKE SIZE	B SPIGOT	C BOLT PCD	D DRUM HEIGHT	F HOLES/ DIA
79SB792164100	2783/10 Low Loader Drum Axles 100mm Studs	311x178mm	178mm	225mm	220.5mm	10x25mm
79SB792164117	2783/10 Low Loader Drum Axles 117mm Studs	311x178mm	178mm	225mm	220.5mm	10x25mm
79787598	2783 Low Loader Drum Axles	311x178mm	178mm	222mm	220.5mm	6x24mm
79792317	2783 Low Loader Spider Hub	311x178mm	178mm	TBA	220.5mm	6x24mm
79786856	2950 Drum Spider Axles	335x210mm	216mm	254mm	270mm	9x16.5mm
79787704	2950/7 & 8p 8x275mm Outboard Mount	335x210mm	229mm	275mm	298mm	8x25mm
79789234	2950/5 8x285mm Japanese Hub	335x210mm	228mm	285mm	278mm	8x24.5mm
79792162	2950 8x225mm Inboard Mount	335x210mm	178mm	225mm	270mm	8x25mm
79SB792163100	2950 Drum Axles 100mm Studs	335x210mm	178mm	225mm	270mm	10x25mm
79SB792163117	2950 Drum Axles 117mm Studs	335x210mm	178mm	225mm	270mm	10x25mm
79790204	Brake Drum 2782 / 2784 / RB / 2785 Japanese 8 Stud Hub	420x180mm	222mm	285mm	255mm	8x24mm
79788801	Brake Drum - 10 x 335PCD (M22 Studs)	420x220mm	281mm	335mm	276mm	10x25mm
79790354	Brake Drum - 10 x 335PCD (M24 Studs)	420x220mm	281mm	335mm	276mm	10x26mm
79786875	2682 / RB / 2685 Outback Cast Drum	16-½" x 7"	223mm	285mm	270mm	10x25mm
79787571	2782 / 2784 / RB / 2785 Stud Type Drum Axles	16-½" x 7"	281mm	335mm	273mm	10x25mm
79787580	2782 / 2784 RB Spider Drum Axles	16-½" x 7"	9-7/16"	11"	8-¼"	5 x ¾" (19mm)
79792328	2782 / 2784 / RB / 2785 Centrifuse Drum	16-½" x 7"	223mm	285mm	264mm	10x25mm

DIA - DIAMETER

BRAKE DRUM



A = DRUM DIAMETER
B = SPIGOT
C = BOLT PCD
D = DRUM WEIGHT
E = BRAKE WIDTH
F = STUD / BOLT HOLE DIAMETER

SAF HOLLAND BRAKE DRUM

PART NO.	APPLICATION	A & E BRAKE SIZE	B SPIGOT	C BOLT PCD	D DRUM HEIGHT	F HOLES/ DIA
1064027700S	SK RZ9037-3720 - (Brake SNK 367 x 200) Axle - Dual Wheels	367x200mm	234mm	275mm	260mm	8 x 23mm
1064026002	SK RZ9042 -4218 NG Axle (used on Intradrum) - Dual Wheels	420x180mm	300mm	335mm	227mm	10 x 23mm
1064029800	SK RZ9042 -4218 NG Axle (used on Intradrum) - Dual Wheels	420x180mm	250mm	285mm	227mm	10 x 23mm
1064030500S	J SAF RZ10242 /12242	420x180mm	250mm	285mm	262mm	10 x 23mm
1064030600	J SAF RZT10242 /12242 5 Spoke Hub	420x180mm	239.7mm	279.4mm	213mm	5 x 19.6mm
1064030400S	J SAF RZ10242 /12242	420x180mm	300mm	335mm	262mm	10 x 23mm
1064027000	SK RZ9042-4220 NG Axle (used on Intradrum) - Dual Wheels	420x200mm	300mm	335mm	256mm	10 x 23mm

EARLY TRAILER AXLE BRAKE DRUM

PART NO.	APPLICATION	A & E BRAKE SIZE	B SPIGOT	C BOLT PCD	D DRUM HEIGHT	F HOLES/ DIA	REPLACES
M906107	Brake Drum Low Loader Axle	12-¼" x 7-½"	8-½"	10"	9-5/32"	9 x 0.65" (17mm)	KH52743-11 AP0859 BD21055.108
NLA	Brake Drum Low Loader Axle	12-¼" x 7-½"	7"	8-¼"	9-5/32"	6 x 0.65" (17mm)	AP0885
DB014TRP	Brake Drum Most GP Axle	16-½" x 7"	9-7/16"	11"	8-3/16"	5+6 x 0.78" (20mm)	DM185 M906033 AP0855K
M906054	MKV Axle	16-½" x 7"	13-½"	14-¾"	8-⅞"	10 x 0.52" (14mm)	AP0852
M906105	McGrath Axles	16-½" x 7"	9"	11-½"	8-11/16"	5 x 0.52" (14mm) + 6 x 0.65" (17mm)	AP0854

DIA - DIAMETER

GLADHANDS


11452


11451

GLADHAND COUPLINGS					
PART NO.	BRAND	FUNCTION	COLOUR	PORT SIZE	FILTER
DA5401	ABC	Service	Blue	½" NPT	Yes
DA5402	ABC	Emergency	Red		
11452	Haldex	Service	Blue		
11451	Haldex	Emergency	Red		
278850	Knorr-Bremse	Service	Blue		
278851	Knorr-Bremse	Emergency	Red		


11402


11403

GLADHAND ACCESSORIES & PARTS			
PART NO.	BRAND	DESCRIPTION	ADDITIONAL INFORMATION
248579	ABC	Gladhand Seal	
10028	Haldex	Gladhand Seal	
GAFF17534	Stemco GAFF	Gladhand Seal Set	Set of 2 Polyurethane
TRP-ACH01	TRP	Gladhand Grip Handles	
11402	Midland	Dead End Coupling	With Chain
11403	Midland	Dead End Coupling	
K145-91	Dynacraft	Dual Gladhand Holder	
220636	Bendix (Knorr Bremse)	Dummy Coupling with Chain	
212227	Bendix (Knorr Bremse)	Dummy Coupling	

NOTES

SNAP ON COUPLINGS
TEMA HYDRAULIC COUPLINGS

Product Type	
5020TEMA ½" T-SRS Coupling Plug 	5010TEMA ½" T-SRS Coupling Body 
5011TEMA ½" T-SRS Coupling Body Pressure Eliminator 	7510TEMA ¾" T-SRS Coupling Body 
7511TEMA ¾" T-SRS Coupling Body Pressure Eliminator 	7526TEMA ¾" T-SRS Dust Cap Coupling 
10020TEMA 1" TEMA Plug Standard 	10010TEMA 1" TEMA Coupling 
10021TEMA 1" T-SRS Coupling Pressure Eliminator 	10011-QC 1" BSPP TEMA Coupling 

NOTES

AIR COUPLINGS
DUO-MATIC & TRI-MATIC COUPLINGS

PART NO.	DESCRIPTION	TYPE	APP.	PORT SIZE	REPLACES
T02-8000 	Duo-Matic Female Coupling Imperial Fittings	Drawbar	Truck	1: ¼" - 18NPSF 4: M22 x 1.5	4528020000
T02-8001 	Duo-Matic Male Coupling Imperial Fittings	Drawbar	Trailer	1 & 4: G ⅜"	4528040010
T02-8003 	Tri-Matic Female Coupling Imperial Fittings	Drawbar	Truck	¼" NPT	4528060000
T02-8004 	Tri-Matic Male Coupling Imperial Fittings	Drawbar	Trailer	¼" NPT	4528080020
T02-8002 KIT	Service Kit for T02-8000				4528020032 452-802-000-0

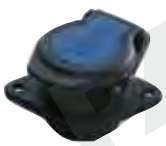
APP - APPLICATION

ELECTRICAL PLUGS & SOCKETS

ELECTRICAL PLUGS & SOCKETS			
PART NO.	**DESCRIPTION**	**NOTES**	**WIRING STANDARD**
4934NY 	7 Pole SAE Plug - Nylon	Heavy duty 7 pole plug manufactured in accordance with AS 4735-2003 (ISO1185 & SAE J560B) standards. The ultra-durable nylon housing is lightweight and resistant to degreasers, solvents and contact cleaners. Other features include high-conductivity 100% brass pins, exclusive cable guard and 360 degree compression clamp creating a rear moisture seal, whilst also preventing accidental cable pull out.	ISO 1185 SAE J560 AS 4735
4935NY 	7 Pole SAE Socket - Nylon	Heavy duty 7 pole socket made from composite glass-filled nylon and manufactured in accordance with AS 4735-2003 (ISO1185 & SAE J560B) standards. The ultra-durable nylon housing is lightweight and resistant to petrochemicals, solvents and contact cleaners. Raised internal ribs allow for drainage of moisture to prevent corrosion and short circuits. Other features include full opening lid and extended front barrel housing for additional support and protection. Supplied complete with protective rubber boot, part no. 4936.	ISO 1185 SAE J560 AS 4735
8JA227440121 	7P Trailer Adaptor 13P to 7P	Mini short adaptor from vehicle 13P/12V to trailer 7P/12V	N/A*
8JB227440011 	7P/12V ABS/EBS Socket with Screw Contacts	With cover, and rubber seals. Made of reinforced composite. High strength cable gland of the cable outlet.	ISO 7638-2
8JA227440031 	7P/12V ABS/EBS Socket with Screw Contacts	With rubber seals. Made of reinforced composite. Mechanical strain relief. Safe latching in place.	ISO 7638-2

N/A — NOT APPLICABLE

ELECTRICAL PLUGS & SOCKETS

ELECTRICAL PLUGS & SOCKETS			
PART NO.	**DESCRIPTION**	**NOTES**	**WIRING STANDARD**
8JB227440021 	7P/24V ABS/EBS Socket with Screw Contacts	With cover, and rubber seals. Made of reinforced composite. High strength cable gland at the cable outlet. Colour coding for easy installation.	ISO 7638-1
8JA227440041 	7P/24V ABS/EBS Plug with Screw Contacts	With rubber seals made of reinforced composite mechanical strain relief safe latching in place colour coding for easy installation	ISO 7638-1
8JA227440091 	7P/Multivolt ABS/EBS Plug	Made of reinforced composite, with cover and rubber seals. High strength cable gland at the cable outlet.	N/A*
8HG227440001 	Park Socket	Used when plug is not connected to actual socket to prevent the exposure to the environment.	N/A*

N/A — NOT APPLICABLE

SUZI COILS — ELECTRICAL

PART NO.	DESCRIPTION	NOTES	WIRING STANDARD	MAX WORKING LENGTH
8KA227440131 	Straight Cable with 7P ISO 1724 / AS 2513 Plugs	Ideal for dog trailers.	ISO 1724 AS 2513	3.0m
8KA905392041 	Suzi Coil with Heavy Duty 7P SAE J560 Plugs	These 7 pin spiral cable-plug assemblies are designed to provide a superior electrical connection between the prime mover and trailer. The uni-molded connector bodies are extremely robust providing best in class performance and are completely unique to the market.	SAE J560	4.0m
8KA227440051 	Suzi Coil with 7P/12V ABS/EBS Plug	Max 4.5m cable length with plug at both ends. Outer cable dia: 50mm. Bending protection grommet.	ISO7638-2	4.5m
8KA227440061 	Suzi Coil with 7P/24V ABS/EBS Plug	Max 4.5m cable length with plug at both ends. Outer cable dia: 50mm. Bending protection grommet.	ISO 7638-1	4.5m
8KA227440081 	Suzi Coil with 7P/Multivolt ABS/EBS Plug	Temperature range: -40°c to 100°c. Outer coil diameter: 50mm.	N/A*	4.5m

SUZI COILS — ELECTRICAL

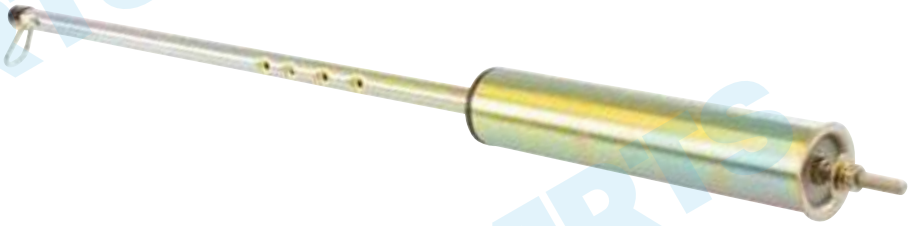
PART NO.	DESCRIPTION	NOTES	WIRING STANDARD	MAX WORKING LENGTH
8KA227440101 	Suzi Coil with 7P ISO 1724 Plugs	Cable outlet: PG gland. Outer coil diameter: 50mm.	ISO 1724	4.6m
8KA227440141 	Suzi Coil with 7P ISO 1724 & SAE J560	Outer coil diameter: 50mm. Maximum working length 4.6m.	ISO 1724 SAE J560	4.6m
8KA227440181 	Suzi Coil with 7P/Multivolt ABS/EBS Plug Long Tail	Temperature range: -40°c to 100°c. Outer coil diameter: 50mm.	N/A*	5.2m
8KA227440111 	Suzi Coil with 7P ISO 1724 Plugs	Cable outlet: PG gland. Outer coil diameter: 50mm.	ISO 1724	5.6m
8KA227440151 	Suzi Coil with 7P AS 2513 to SAE J560	Outer coil diameter: 50mm. Maximum working length 5.6m.	SAE J560	5.6m

SUZI COILS — AIR

PART NO.	DESCRIPTION
200-103 	Suzi Coil Air 3 m Short Tail
200-203 	Air Coil Pair Long Tail (4.6 m)
SC3MTLTSET 	Suzi Coil 3 m Long Tail
SC3MTSTSET 	Suzi Coil 3 m Short Tail

PART NO.	DESCRIPTION
SC5MTLTSET 	Suzi Coil 5 m Long Tail
SC5MTSTSET 	Suzi Coil 5 m Short Tail
TRP-A1R-3MLT 	Long Tail Coil 3 m
TRP-A1R-3MST 	Short Tail Coil 3 m

POGO STICKS

PART NO.	DESCRIPTION
11502 	Hosetenna
27200 	Hosetenna
MD1185 	Hosetenna – Chrome

SUZI COIL BARS, SPRINGS & CLAMPS

PART NO.	DESCRIPTION
K305-152 	Bar Trailer/Rear Cab
070R 	Ring-Spring, Trailer Air Hose
900-104 	4-Hole Cable Clamp

AIR LINE REPAIR

AIR LINE REPAIR KITS		
PART NO.	**DESCRIPTION**	**CONTENTS**
T13-ALR1 	Air Line Emergency Repair Kit	▌1 x 4 mm Straight HPB4 ▌2 x 1/8" Straight 2-2-HBPB ▌1 x 3/8" Straight 62PMT-6 ▌1 x 1/2" Straight 62PMT-8 ▌1 x 3/8" 90° 165PMT-6 ▌2 x 3/8" Plug 639PMT-6 ▌1 x 1/2" Plug 639PMT-8 ▌1 x Tube Cutter PTC-001
H33808.RP 	½" Repair Kit	▌Fittings and Hose for Repairing ½" Air Line
D0T-K1T-METR1C 	Metric DOT Fittings	▌2 x 6 mm Union HPMTB6 ▌2 x 8 mm Union HPMTB8 ▌2 x 10 mm Union HPMTB10 ▌2 x 12 mm Union HPMTB12 ▌1 x Tube Cutter PTC- 001
D0T-K1T-1MPER1AL 	Imperial DOT Fittings	▌2 x ¼" Union 62PMT-4 ▌2 x 3/8" Union 62PMT-6 ▌2 x ½" Union 62PMT-8 ▌2 x 5/8" mm Union 62PMT-10 ▌1 x Tube Cutter PTC- 001

NOTES

AIR LINE REPAIR

BULK AIR LINE		
PART NO.	**DESCRIPTION**	**CONTENTS**
271-6/10RL 	**Parker Hannifin** ▌10 mm (3/8") ID ▌19 mm (¾") OD ▌1.6 MPa (225PSI) Working Pressure ▌SAE J1402 A DOT ▌Synthetic Rubber Inner & Cover ▌Multi-fiber Braid Reinforcement ▌Temp. Range -46 C to 100 C ▌Use for Air Brake Hose Lines	10 m Roll
271-6/75RL 	**Parker Hannifin** ▌10 mm (3/8") ID ▌19 mm (¾") OD ▌1.6 MPa (225PSI) Working Pressure ▌SAE J1402 A DOT ▌Synthetic Rubber Inner & Cover ▌Multi-fiber Braid Reinforcement ▌Temp. Range -46 C to 100 C ▌Use for Air Brake Hose Lines	75 m Roll
ABH8R-15 	**Air Brake Corporation** ▌½" ID ▌1.6 MPa (225PSI) Working Pressure ▌SAE J1402 A DOT ▌EPDM Inner & Cover ▌Multi-fiber Braid Reinforcement ▌Temp. Range -40 C to 93 C ▌Use for Air Brake Hose Lines	15 m Roll

AIR TANKS

PART NO.	DESCRIPTION	DIMENSIONS	PORTS
ABR599 	Air Tank 24L Aluminium	9.5" x 24"	5 Ports 3 x ¾" NPTF 2 x ½" NPTF
TRPAT01 	Air Tank 24L (CA2518B Equivalent)	9.5" x 24"	6 Ports 3 x ¾" NPTF 2 x ½" NPTF 1 x ¼" NPTF
TRPAT02 	Air Tank 48L	13" x 24"	6 Ports 3 x ¾" NPTF 2 x ½" NPTF 1 x ¼" NPTF
ABR514 	Air Tank 49.3L	13" x 24"	6 Ports 3 x ¾" NPTF 2 x ½" NPTF 1 x ¼" NPTF
ABR925 	Air Tank 74L Aluminium	13" x 46"	7 Ports 4 x ¾" NPTF 2 x ½" NPTF 1 x ¼" NPTF

AIR VALVES
CHECK VALVE

CHECK VALVE

TRP5003980

Valve Type	SC3
Ports	3
Inlet	½" Female
Outlet	½" Male
Cross Reference	800372



TRP5003987

Valve Type	SC3
Ports	2
Inlet	⅜" Female
Outlet	13⁄8" Male
Cross Reference	5003987



TRP5003980

Valve Type	SC3
Ports	2
Inlet	¼" Female
Outlet	¼" Male
Cross Reference	800375



TRP280809

Valve Type	DC4
Ports	4
Supply	⅜"
Delivery	⅜"
Exhaust	⅜"
Cross Reference	280809 280809N



AIR VALVES
DASH CONTROL VALVE

DASH CONTROL VALVE

KN20033 (Bendix)

Ports	2
Inlet	¼"
Outlet	¼"



Push/Pull

KN20031 (Haldex)

Ports	4
Supply	¼"
Delivery	¼"
Exhaust	¼"



Push/Pull Panel Mount Valve

TRP228729 (TRP)

Valve Type	TW1
Ports	3
Supply	⅛"
Delivery	⅛"
Cross Reference	229635 229635N



Zinc Chrome Lever

TRP281946 (TRP)

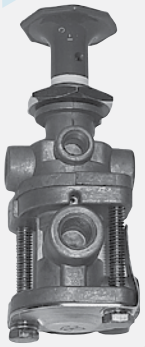
Valve Type	PP5
Ports	4
Supply	⅛"
Delivery	⅛"
PSI	40
Cross Reference	281946 281946N



Crack Pressure 4 PSI

TRP287280 (TRP)

Valve Type	PP7
Ports	4
Supply	⅛"
Delivery	¼"
Cross Reference	287280 287280N



Service Kit Part No. 287367

AIR VALVES
DASH CONTROL VALVE

DASH CONTROL VALVE

TRP275176

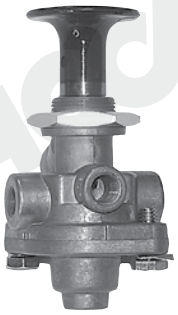
Valve Type	PP1
Ports	4
Supply	⅛"
Delivery	⅛"
Exhaust	⅛"
PSI	40
Cross Reference	245176



Service Kit Part No. 281126

TRP275796

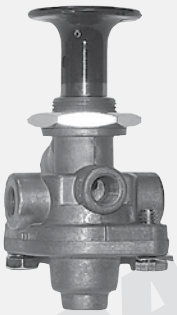
Valve Type	PP1
Ports	5
Supply	¾"
Delivery	½"
Control	⅛"
PSI	40
Cross Reference	103010



Service Kit Part No. 281126

TRP284726

Valve Type	PP1
Ports	4
Supply	⅛"
Delivery	⅛"
Exhaust	⅛"
PSI	40
Cross Reference	284726 284726N



Service Kit Part No. 281126

99600BL

Valve Type	PP1
Ports	3
Inlet	¼"
Outlet	¼"
Exhaust	¼"



AIR VALVES
TRAILER CONTROL VALVE

TRAILER CONTROL VALVE

973.002.051.0 WABCO		K112644 Bendix		TRP275107 TRP	
Ports	5	Valve Type	TC7	Valve Type	TC2
Supply	M22X1.5	Ports (Push to Connect Fittings)	3	Supply	¼"
Delivery	M22X1.5			Delivery	¼"
Service	M22X1.5	Cross Reference	K112644 060-K112644 5002409 K112599 K112644BXW 109389 410013	Exhaust	¼"
Control	M22X1.5			Cross Reference	275107 275107N
					
0.2 Bar Performance		**POP Pressure 7–17 PSI**			

AIR VALVES
PRESSURE PROTECTION VALVE

PRESSURE PROTECTION VALVE

TRP277147

Valve Type	PR2
Ports	2
Supply	¼"
Delivery	¼"
Cross Reference	277147 277147N



65 PSI

TRP286460

Valve Type	PR3
Ports	2
Supply	¼"
Delivery	¼"
Cross Reference	286460 286460N



60 PSI

TRPN15759BA

Valve Type	Midland
Ports	2
Supply	¼"
Delivery	¼"
Cross Reference	ABCN15759BA



70 PSI Open, 60 PSI Closed

ABC286500

Valve Type	PR4
Ports	2
Supply	¼"
Delivery	¼"
Cross Reference	286500 286903 287827



85 PSI Non Adjustable PR4

AIR VALVES
QUICK RELEASE VALVE

QUICK RELEASE VALVE

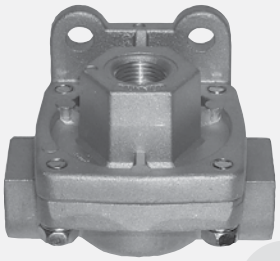
KN32005		KN32011		TRP288251	
Valve Type	QR1	Valve Type	QR1	Valve Type	QR1
Ports	3	Ports	3	Ports	3
Supply	⅜"	Supply	½"	Supply	⅜"
Delivery	⅜"	Delivery	⅜"	Delivery	⅜"
Exhaust	⅜"			Exhuast	⅜"
				Cross Reference	27499



Crack Pressure 1 PSI



Crack Pressure 1 PSI

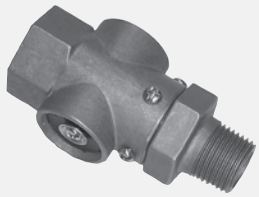


AIR VALVES
QUICK RELEASE VALVE

QUICK RELEASE VALVE

TRP5003395

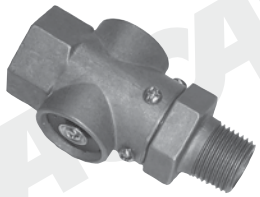
Valve Type	QRL
Ports	2
Supply	½"
Delivery	½"
Cross Reference	800333 800333N



Direct Mount

TRP5003393

Valve Type	QRL
Ports	2
Supply	⅜"
Delivery	½"
Cross Reference	800332 800332N



Frame Mount

289714

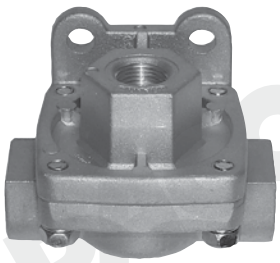
Valve Type	PP8
Ports	2
Supply	¼"
Delivery	⅜"
Cross Reference	ABC289714



¼" Balance

973.500.000.0

Ports	4
Supply	M22X1.5
Delivery	M22X1.5
Service	M22X1.5
Control	M22X1.5



AIR VALVES
RELAY VALVE

RELAY VALVE

110360

Ports	3
Reservoir	½"
Delivery	⅜"
Control	⅜"



Crack Pressure 1.5 PSI

KN28060

Ports	3
Supply	½"
Delivery	⅜"
Control	⅜"



Crack Pressure 4.6 PSI

KN28550

Valve Type	RG5
Ports	4
Supply	½" x ⅜"
Delivery	⅜"
Control	¼"



Crack Pressure 6 PSI

ABC288221

Valve Type	R8
Ports	6
Supply	¾" & ¼"
Delivery	½"
Control	¼"
Cross Reference	288221



Chassis Mount, 90° Rotation

ABC286370

Valve Type	R8
Ports	6
Supply	¾" & ¼"
Delivery	½"
Control	¼"
Cross Reference	286370 286371



Chassis Mount

ABC107455

Valve Type	R8P
Ports	5
Supply	⅜"
Delivery	½"
Control	¼"
Cross Reference	107455 287114



AIR VALVES
RELAY VALVE

RELAY VALVE

TRP102277

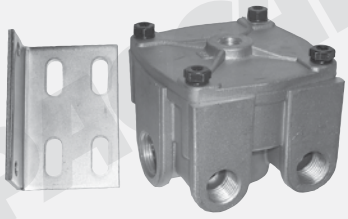
Valve Type	R12
Ports	6
Supply	½"
Delivery	½"
Service	¼"
Cross Reference	102626



Crack Pressure 4 PSI

TRP103009

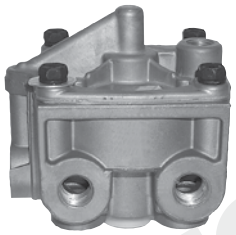
Valve Type	R12H
Ports	5
Supply	¾"
Delivery	½"
Service	¼"
Cross Reference	103009 103009N



Crack Pressure 4 PSI

TRP109001

Valve Type	R12P
Ports	7
Supply	½"
Delivery	⅜"
Control	¼"
Cross Reference	109001 109001N



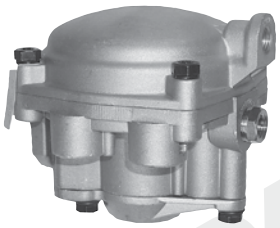
973.011.006.0

Ports	7
Supply	¾"
Delivery	⅜"
Exhaust	¼"
Control	¼"
Cross Reference	9730110060



TRP101197

Valve Type	RE6
Ports	6
Supply	⅜" & ¾"
Delivery	⅜"
Cross Reference	101197

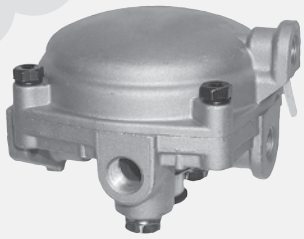


AIR VALVES
RELAY VALVE

RELAY VALVE

TRP279180

Valve Type	6R
Ports	5
Supply	⅜" & ¾"
Cross Reference	279180 279180N



Chassis Mount, 180° Rotation

CA400TRP*

Ports	4
Supply	¼"
Delivery	⅜"
Cross Reference	CA400



Spring Brake Valve (CA400) P.A.R.C - Red

CA700TRP**

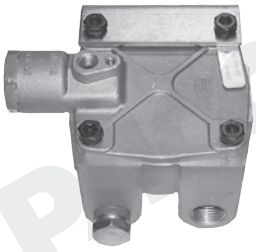
Valve Type	6R
Ports	4
Supply	¼"
Delivery	CA700



Service Relay Valve (CA700) - Blue

TRP103010

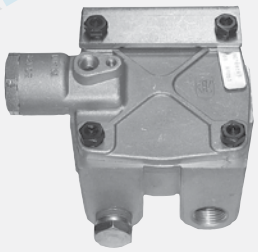
Valve Type	R14H
Ports	5
Supply	¾"
Delivery	½"
Control	¼"
Cross Reference	103010 103010N



Crack Pressure 4 PSI

TRP106165

Valve Type	R14H
Cross Reference	106165



***CA400TRP**
- Controls the flow of air to and from the spring brake chambers
- Ideally suited to multiple types of axle set-ups, from single axles to multi-axle configurations
- Easy to overhaul and replace for maintenance simplicity

**** CA700TRP**
- Provides virtually instantaneous "take-up" to achieve optimum braking times between the prime mover and trailer air systems
- Helps improve the life of your brake linings by providing brake balance between truck and trailer
- Easy to overhaul and replace for maintenance simplicity

AIR VALVES
SAFETY VALVE

SAFETY VALVE

KN31200		TRP109914		TRP800350	
Valve Type	ST1	Valve Type	ST4	Valve Type	ST4
Cross Reference	205105	Cross Reference	109914	Inlet	¼"
				Cross Reference	284142
					
¼" Adjustable 150 PSI				¼" 150 PSI	

AIR VALVES
SPRING BRAKE VALVE

SPRING BRAKE VALVE

TRP286364

Valve Type	SR1
Ports	4
Reservoir	¼"
Supply	¼"
Delivery	¼"
Control	¼"
Cross Reference	286364



TRP3802

Valve Type	SR3
Ports	7
Supply	¾"
Delivery	⅜"
Control	¼"
Cross Reference	ABC3802



ADR38/02

TRP106834

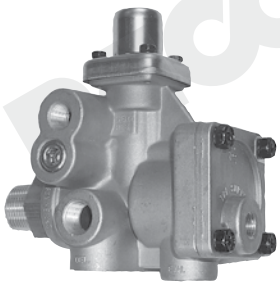
Valve Type	SR3
Ports	7
Delivery	⅜"
Service	¼"
Cross Reference	K033128



Activation 5 PSI

TRP106835

Valve Type	R2
Ports	7
Supply	½"
Delivery	⅜"
Control	¼"
Cross Reference	109001



110701

Ports	6
Reservoir	½"
Supply	⅜"
Delivery	⅜"
Control	⅜"



PPV Pressure: 65 PSI

AIR VALVES
OTHER VALVES

CHARGING VALVE

434.100.125.0 WABCO

Supply	M22X1.5
Delivery	M22X1.5



Charge Pressure 6 Bar / 13 Max

CONTROL VALVE

ABC282382

Valve Type	TC4
Ports	4
Supply	⅛"
Delivery	⅛"
Exhaust	⅛"
Cross Reference	282382 282368



DRAIN VALVE

TRP123

Ports	3
Cross Reference	12104



1,500mm Cable Length 1/4 NPT

FLIP VALVE

KN20001 Haldex

Valve Type	TR3
Ports	4
Supply	⅛"
Delivery	⅛"
Exhaust	⅛"



Panel Mount Flipper Style Valve

FOOT VALVE

ABC277863

Valve Type	E3
Ports	6
Supply	¼"
Cross Reference	277863 278654



ABC288383

Valve Type	E7
Ports	8
Supply	¼"
Delivery	¼"
Cross Reference	288383



With Mounting Studs
Threaded 287440 Mounting Ports

AIR VALVES
OTHER VALVES

FRONT AXLE RATIO VALVE

TRP289144

Valve Type	LQ4
Ports	2
Supply	⅜"
Delivery	⅜"
Cross Reference	TRP289144



FULL FUNCTION VALVE

KN28600

Valve Type	FF2
Ports	7
Reservoir	¾"
Supply	⅜"
Delivery	⅜"
Control	¼"



Crack Pressure 3 PSI

GOVERNOR VALVE

275491G0V

Ports	3
Reservoir	⅛"
Exhaust	⅛"
Pressure Range	275707



INVERSION VALVE

TRP289288

Valve Type	TR3
Ports	3
Supply	¼"
Delivery	¼"
Cross Reference	289288 289288N



42-52 PSI

LEVELING VALVE

TRP27000

Ports	2
Supply	¼"
Cross Reference	KN27000



Midland Style

MODULATING VALVE

ABC103081

Ports	5
Supply	¾"
Delivery	½"
Control	¼"
Cross Reference	103081



AIR VALVES
OTHER VALVES

MULTI FUNCTION VALVE

KN26020 Haldex

Ports	5
Reservoir	½" & ⅜"
Supply	⅜"
Delivery	⅜"
Control	⅜"



Closing Pressure 70 PSI

STOP LIGHT SWITCH

TRP274746 TRP

Valve Type	SL4
Inlet	¼"
Cross Reference	274746



Activation 5 PSI

SYNCHRO VALVE

TRP283700 TRP

Valve Type	SV1
Ports	4
Cross Reference	283700



62/50 PSI

TRACTOR PROTECTION VALVE

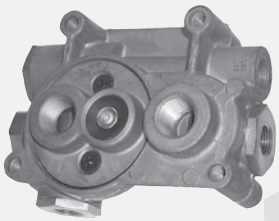
ABC279000 A·B·C

Valve Type	TP3
Ports	4
Service	Tractor ⅜" Trailer ½"
Exhaust	⅛"
Cross Reference	279000



TRP288605 TRP

Valve Type	TP5
Ports	7
Delivery	⅜"
Service	⅜" & ½"
Control	⅜"
Cross Reference	288605



TRACTION CONTROL SOLENOID VALVE

TRP472170 TRP

Valve Type	DC4
Ports	3
Supply	¼"
Delivery	¼"
Cross Reference	472.170.990.0



12V

DISC BRAKE CHAMBERS

Part No.	Chamber/s Size (in²)	Port Position	Additional Information	
1216HTLD64-4148	12/16	90°		 1216HTLD64_4148
1216HTLD64-4144	12/16	0°		
1416HTLD64-4155	12/16	0°		
1416HTLD64-4156	12/16	90°		
1424HTLD64-1814	14/24	0°	HOT*	
1424HTLD64-3858	14/24	90°	HOT*	
1616HTLD64-4149	16/16	90°		
1616HTLD64-4145	16/16	0°	HOT*	
1624HTLD64-3662	16/24	90°		
1624HTLD64-1815	16/24	0°	HOT*	
1824HTLD65-3961	18/24	0°	HOT*	
2016HTLD65-2522	20/16	0°	HOT*	
2024HTLD65-3962	20/24	90°		

ULTRALIFE FEATURES & BENEFITS

I New Urethane Coating
New urethane powder coating applied over our proven 8-step e-coat base provides industry leading long-term resistance to humidity and corrosion

I Proprietary TSE Seal
Proprietary TSE Sealed When It Counts™ utilizes air pressure in chamber to push the diaphragm against the housing drain holes to create a secure seal against moisture and contaminates while driving. When parked, drain holes open up to allow draining and ventilation

I TSE All-N-One™
Proprietary TSE All-N-One™ integrated pressure plate and diaphragm assembly eliminating plate shifting, increasing power spring and diaphragm life

I Patented bushing
Patented bushing, prepacked with low temperature synthetic grease, provides a seal that reduces center section leaks and brake drag

I Dust cap pressure relief valve
Dust cap has pressure relief feature to prevent back pressure or vacuum in spring compartment

I New Urethane Spring Coating
New urethane powder coating applied over our proven 8-step e-coat base for the ultimate spring corrosion protection

I TSE High Vibration mounting base
TSE designed High Vibration "HV" mounting base reduces vibration for longer life

I Optional fixed position clevis
Optional fixed-position clevis with stainless steel pins maximizes corrosion protection and helps reduce seized pins and bent push rods

*HOT - HIGH OUTPUT TECHNOLOGY
A MORE POWERFUL SPRING BRAKE IN A SMALLER PACKAGE

As the first double-diaphragm chamber used worldwide for disc brake applications, TSE's High Output Technology (HOT) chamber is a proven alternative to piston type disc brakes. HOT chambers offer higher output performance for your S-Cam drum brake and disc brake application when compared to standard double-diaphragm chambers, and at a lower cost than piston chambers. HOT brakes are ideal for replacing piston brakes that are typically used on buses and other severe-duty applications.

DISC BRAKE CHAMBERS

Part No.	Chamber/s Size (in²)	Port Position	Additional Information
12HSCLD64-1705	12	0°	Service Chamber
14HSCLD64-1813	14	0°	Service Chamber
16HSCLD64-1706	16	0°	Service Chamber
20HSCLD65-1463	20	0°	Service Chamber
22HSCLD65-2000	22	0°	Service Chamber
24HSCLD65-1465	24	0°	Service Chamber



12HSCLD64_1705

NOTES

DISC BRAKE CHAMBERS

TRANSPEC

Part No.	Chamber/s Size (in²)	Additional Information	
0544438010	14/24	LH	 0544440010
0544438020	14/24	RH	
0544439020	15/24	LH	
0544439010	15/24	RH	
0544440020	16/24	LH	
0544440010	16/24	RH	
0544442010	18/24	LH	
0544442020	18/24	RH	
0544444020	20/24	LH	
0544444010	20/24	RH	
0544445010	22/24	LH	
0544445020	22/24	RH	

TRANSPEC

Part No.	Chamber/s Size (in²)	Additional Information	
0544430010	14	LH	 0544436020
0544430020	14	RH	
0544431010	15	LH	
0544431020	15	RH	
0544432020	16	LH	
0544432010	16	RH	
0544433020	18	LH	
0544433010	18	RH	
0544434020	20	LH	
0544434010	20	RH	
0544435010	22	RH	
0544436020	24	LH	
0544436010	24	RH	

DISC BRAKE CHAMBERS

YORK

Part No.	Chamber/s Size (in²)	Additional Information	
7978735416	16		 7978735416
7978735420	20		
7978735422	22		
7978735424	24		
797874461216	12/16		
797874461416	14/16		
797873501424L	14/24	LH	
797873501424R	14/24	RH	
797874302024	20/24		

Bendix

Part No.	Chamber/s Size (in²)	Additional Information	
K132352	18/24		 K132352
K028022	18	Service Chamber	

DISC BRAKE CHAMBERS

HENDRICKSON
The World Rides On Us®

Part No.	Chamber/s Size (in²)	Port Position	Additional Information	
98832-022	12	0°		
98832-107	14	0°		
98832-021	16	0°		
S-40882-U	18	180°	C-38265-U	
98832-108	20	0°		
98832-109	22	0°	98832-033	
98832-110	24	0°	98832-055	
98832-115	12/24	0°	98832-020	
98832-122	14/24	0°		
98832-130	14/30	0°	98832-030, 98832-031	
98832-114	16/24	0°	98832-017	
98832-113	16/30	0°	S-26927-1	
S-38264-L	18/24	135°		
S-38264-R	18/24	45°		
S-40885-U	20/24	180°	C-38779-U	

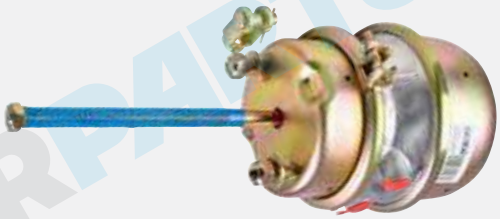


98832-113

NOTES

S-CAM BRAKE CHAMBERS

Part No.	Chamber/s Size (in²)	Additional Information
SB2424CCAUS	24/24	
SB2430CCAUS-1	24/30	
SB2430CCAUS-320-1	24/30	Extended Push Rod (320mm)
SB3030CCAUS	30/30	
SB3030CCAUS-320	30/30	Extended Push Rod (320mm)
SB3636CCAUS	36/36	RH



SB2430CCAUS

Part No.	Chamber/s Size (in²)	Additional Information
1427001	24	Service Chamber
1430001	30	Service Chamber
TYPE-20	20	Service Chamber
1436671	36	Service Chamber
3429050	24/30	
3430050	30/30	
3433051	30/36	
3436051	36/36	



1427001

Part No.	Chamber/s Size (in²)	Additional Information
SC12	12	Service Chamber
SC16M1D	16	Service Chamber
SC20	20	Service Chamber
SC24L	24	Service Chamber
T02-24-24SB	24/24	
T02-24-30ES	24/30	
T02-30-30ES	30/30	
GC3636	36/36	



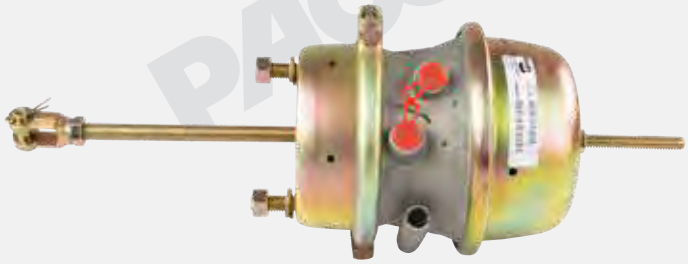
T02-30-30ES

S-CAM BRAKE CHAMBERS

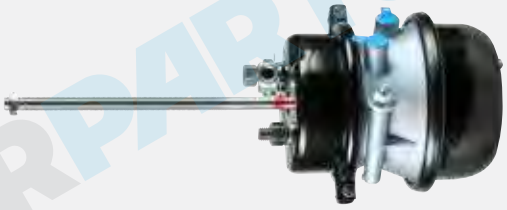
TSE BRAKES

Part No.	Chamber/s Size (in²)	Additional Information	
12SCN0-1490	12	Service Chamber	 2430TN2ULP_80000
16SCN1-1491	16		
20SCN1-1492	20		
24SCN2-1493	24		
30SCN2-1318	30		
30SCN2-1319	30		
30SCN2-1494	30		
36SCN3-1495	36		
2024HTLD65-3962	20/24		
2430TN2-2833	24/30	Standard - Double Diaphragm	
2430TL2-2826			
2430TL2-2827			
2430TN2-4140			
2430TN2-3105			
2430TN2ULP-80000		Ultralife Plus - Suits both LH/RH	
2430TN2ULP-90000		Ultralife Plus - Suits RH Orientation	
3030T-0MN1-466	30/30	Standard - Double Diaphragm	
3030T-0MN1-460		Severe Service (Boot & Breather Tube)	
3030TN2H-4379		HOT - Severe Service Boot & Breather	

Bendix

Part No.	Chamber/s Size (in²)	
5007131	24/30	 2007131
5007132	30/30	

S-CAM BRAKE CHAMBERS

Part No.	Chamber/s Size (in²)	Additional Information	
KHT16	16	Service Chamber	 KHT2430EBR
KHT20	20		
KHT24	24		
KHT30	30		
KHT2024EBR	20/24		
KHT2424EBR	24/24		
KHT2430EBR	24/30		
KHT3030EBR	30/30		

TRANSPEC

Part No.	Chamber/s Size (in²)	Additional Information	
T2430	24/30		 T3030
T3030	30/30		

S-CAM BRAKE CHAMBERS

HENDRICKSON
The World Rides On Us®

Part No.	Chamber/s Size (in²)	Slack Adjuster	Model	To Clevis	Rod (Approx.)	Additional Information
98832-138	24	6.5", 7"	AAT/AAL EDL/EDT	9.8", 249mm	8.6", 218mm	Replaces 98832-064
98832-137	30					Replaces 98832-063
98832-136	24/30					Replaces 98832-062
98832-135	30/30					Replaces 98832-061
98832-141	30					Replaces 98832-071
98832-140	24/30					Replaces 98832-070
98832-139	30/30					Replaces 98832-069
98832-102	30	6"	AAT	11", 279mm	9.75", 248mm	
98832-105	24/30					
98832-116	30/30					
98832-103	30		AAL	7", 178mm	5.75", 156mm	
98832-106	24/30			7", 178mm	5.75", 156mm	
98832-117	30/30			6.88", 175mm	5.63", 143mm	
98832-118	24	5.5", 6"	Connex™ ST	2.45", 62mm	-	Welded Clevis
C-38863	30				-	
98832-119	24/30				-	
98832-144	30/30				-	

BRAKE CHAMBER HARDWARE

DIAPHRAGM

TSE Part No.	MGM Part No.	Chamber Type	Additional Information
	8017109	9	
100120	8017112	12	
100160		16	
100200	8017120	20	Use with in-line port only
101240	8017141	24	
103240		24	3" Long Stroke
100300	8017730	30	
103300		30	3" Long Stroke
K112360	DP36	36	6mm Stroke



100120

YOKE & PIN ASSEMBLY

Part No.	Additional Information
8292001	Clevis Assembly
1203023	⅝" Pin x ⅝" Thread
1301223	½" Pin x ½" Thread
CP229496	¾" Clevis Pin x ⅝" Thread
CP282592	¾" Clevis Pin x ¾" Thread
1001064	⅝" Clevis Pin x ⅝" Thread - Extended
1003025	½" Clevis Pin
1013025	⅝" Clevis Pin
2103023	14mm Clevis Pin x ⅝" Thread
K1103023	½" Clevis Pin x ⅝" Thread
K1103023S	½" Clevis Pin x ⅝" Thread - Stainless Steal



1203023

Also see Slack Adjuster Service Parts Volume 1 Section 3.2"

PUSHROD

Part No.	Chamber Type	Additional Information
2-1022411-12.90	24	Length 12.90"
K2-1022411-11.10	24	Length 11.10"
K2-1003011-15.15	30	Length 15.5"
1003011	30	Length 11"
1003011-13.10	30	Length 13"
K1001012		Pushrod Guide - Plastic



1003011

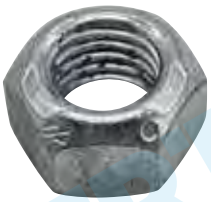
BRAKE CHAMBER HARDWARE

TSE BRAKES

PUSHROD			
Part No.	**Chamber Type**	**Description**	**Additional Information**
K1103007		Dust Cap - White	
1013007		Dust Plug - Black	
1003014-PL		Flat Washer - Hardened	
K1003024-PL		Jam Nut	5/8"
K1001054-PL		Nyloc Nut	Nut M16 x 1.50 Nyloc Nut
K1011051		Boot Assembly - Round	
9004001		Boot Kit	
9004003		Boot Kit	
1002013	20	Clamp Ring Assembly	
1002413	24	Clamp Ring Assembly	
K100010-2430	24/30	Breather Tube Assembly	
K100010-3030	30/30	Breather Tube Assembly	
K100010-3636	36/36	Breather Tube Assembly	
1003015	20 to 30	Release Bolt	
1001130		Rubber Grommet	
1001132		Stover Mounting Nut	5/8"



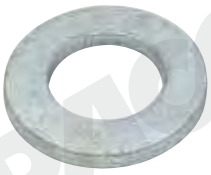
1001130



1001132



1002013



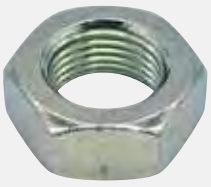
1003014-PL



1003015



K100010-2430



K1003024-PL



K1011051



K1103007

TEBS MODULE & PARTS
TEBS HARDWARE

EBS TRAILER MODULE MULTI VOLT

PART NO.	VOLTAGE	APPLICATION
480.102.080.0 	12/24V	Multivolt TEBS Module **TEBS MUST BE PROGRAMED & SIGNED OFF BY A QUALIFIED INSTALLER!**

EBS TRAILER SMART +1M MODULATOR

PART NO.	VOLTAGE	APPLICATION
480.207.001.0 	12/24V	▌Controls Trailers Front Axle Group ▌Connects to TEBS E ▌Suitable for Dog Trailers

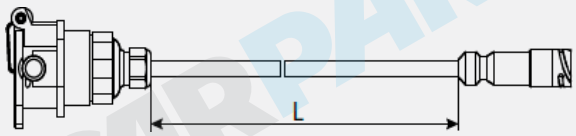
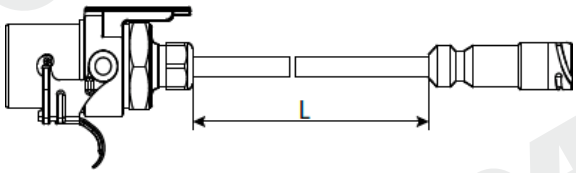
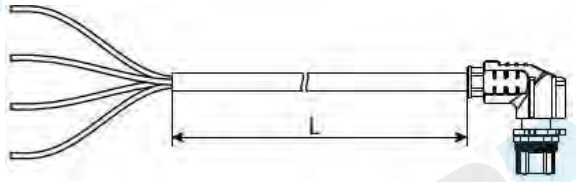
CAN REPEATER

PART NO.	APPLICATION
446.122.051.0 	▌Amplifies CAN signal ▌Use on Long Single Trailers ▌ISO 11992 limits CAN range to 18m ▌CAN Repeater extends range to 80m

CAN ROUTER

PART NO.	APPLICATION
446.122.050.0 	▌Distributes CAN signal to multiple TEBS units ▌Use on Road Trains & Muti-Trailer Combinations ▌Creates CAN signal to speed up brake application timing

TEBS MODULE & PARTS
TEBS CABLES

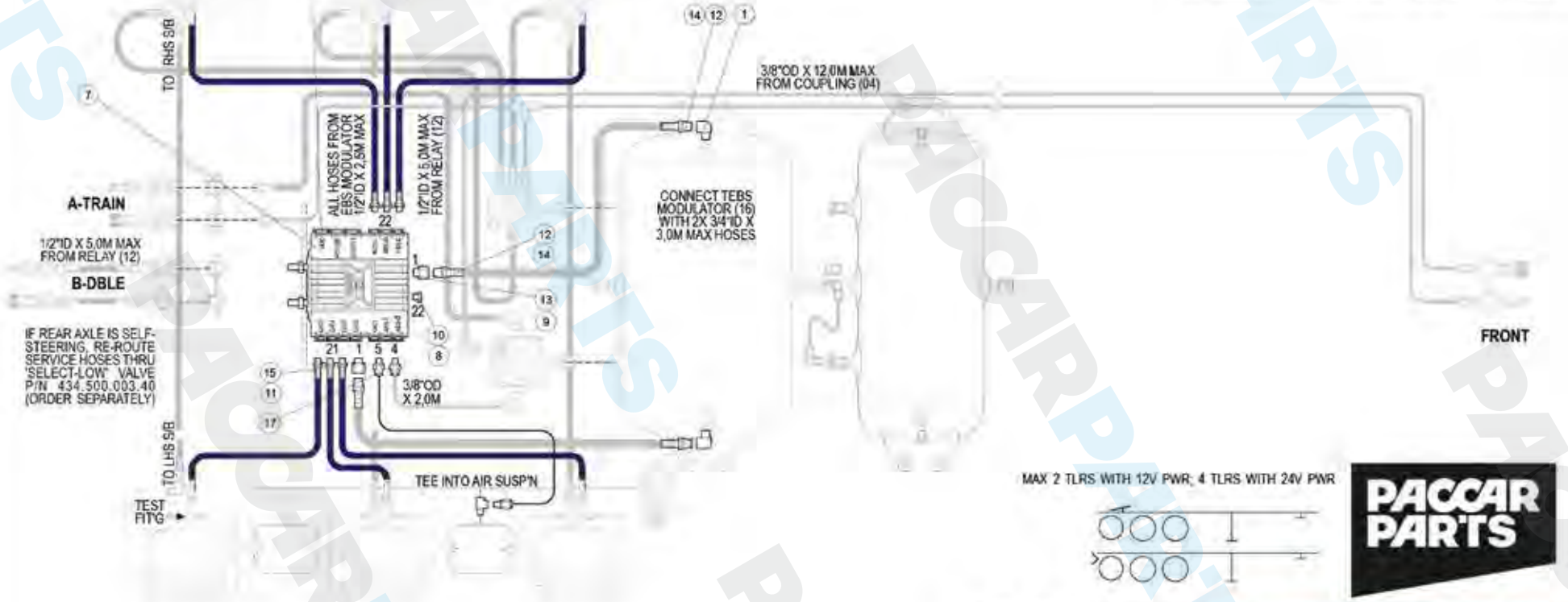
EBS TRAILER MODULE MULTI VOLT			
PART NO.		**L (m)**	**APPLICATION**
	449.133.120.0	12	For Semi Trailers with Separating Point 24V Socket (7 Pin)
	449.133.150.0	15	
	449.233.100.0	10	For Dog Trailers with Separating Point 24V Plug (7 Pin)
	449.233.140.0	14	
	449.911.060.0	6	For connection to Smart Board via GIO input (7 pin)
	449.535.060.0	6	Universal GIO Cable to connect Steer Axle / Lift Axle / Green Lights etc. (4 Pin)
	449.723.030.0	3	Wheel Speed Sensor Extension Cable for TEBS E (2 Pin)
	449.347.025.0	2.5	Power Separation Cable (7 Pin)

TEBS MODULE & PARTS
TEBS RETROFIT KITS

TEBS LEAD TRAILER RETRO FIT KIT				
PART NO.	**APPLICATION**	**WORKING VOLTAGE**	**WORKING PRESSURE**	**NOTES**
EBSE2S2MA-P1 	Semi Trailer Lead / A Trailer	12/24V	10 Bar	**TEBS MUST BE PROGRAMED & SIGNED OFF BY A QUALIFIED INSTALLER!**
EBSE2S2MB-P1 	Semi Trailer Tag / B Trailer	12/24V	10 Bar	**TEBS MUST BE PROGRAMED & SIGNED OFF BY A QUALIFIED INSTALLER!**
EBSE4S3MB-P1 	3 Axle Dog Trailer	12/24V	10 Bar	**TEBS MUST BE PROGRAMED & SIGNED OFF BY A QUALIFIED INSTALLER!**

Please see technical drawings in the following pages

ITEM	PART NUMBER	DESCRIPTION	QTY
1	233570	PIPE ELBOW 90 deg 1/2"F X 1/2" M	2
2	446.122.050.0	CAN ROUTER CLASSIC	1
3	449.133.120.0	CONECT CABLE, EBS SOCKET 12M	1
4	449.135.060.0	CABLE EBS REAR LEAD 6M	1
5	449.347.025.0	CONNECTING CABLE 2.5M	1
6	449.723.030.0	CABLE TEBS W/S SENSOR 3M	2
7	480.102.080.0	EBSE TRAILER MODULATOR M/VOLT	1
8	811.401.057.4	ALUMINIUM WASHER M16	2
9	811.401.060.4	ALUMINIUM WASHER M22	2
10	893.011.711.4	HEX HEAD PLUG M16	5
11	ABF110	HOSE CLAMP 1/2" NORMA STYLE	6
12	ABF148	HOSE BARB 3/4" X 1/2" NPT	4
13	ABF272	ADAPTOR 1/2" F X M22 MALE	2
14	ABF308	HOSE CLAMP 3/4" NORMA STYLE	8
15	ABF429	HOSE BARB 1/2" X M16	6
16	AQ64-DOT-6	PTC UNION TEE 3/8"	1
17	AQ68-DOT-6XM16	PTC CONNECTOR 3/8" X M16 MALE	2



*POSITION & ORIENTATION OF TEBS MODULATOR IS CRUCIAL TO CORRECT FUNCTION (SEE SCHEMATIC EBSE00A FOR DETAIL). MODULATOR HAS METRIC PORTS & SUITABLE ADAPTERS & SEALING WASHERS ARE SUPPLIED - DO NOT USE THREAD SEALANT! TEBS MUST BE PROGRAMMED FOR CORRECT FUNCTION BEFORE ENTERING SERVICE.

DATE	REVISION
17/02/20	1st RELEASE (MB)

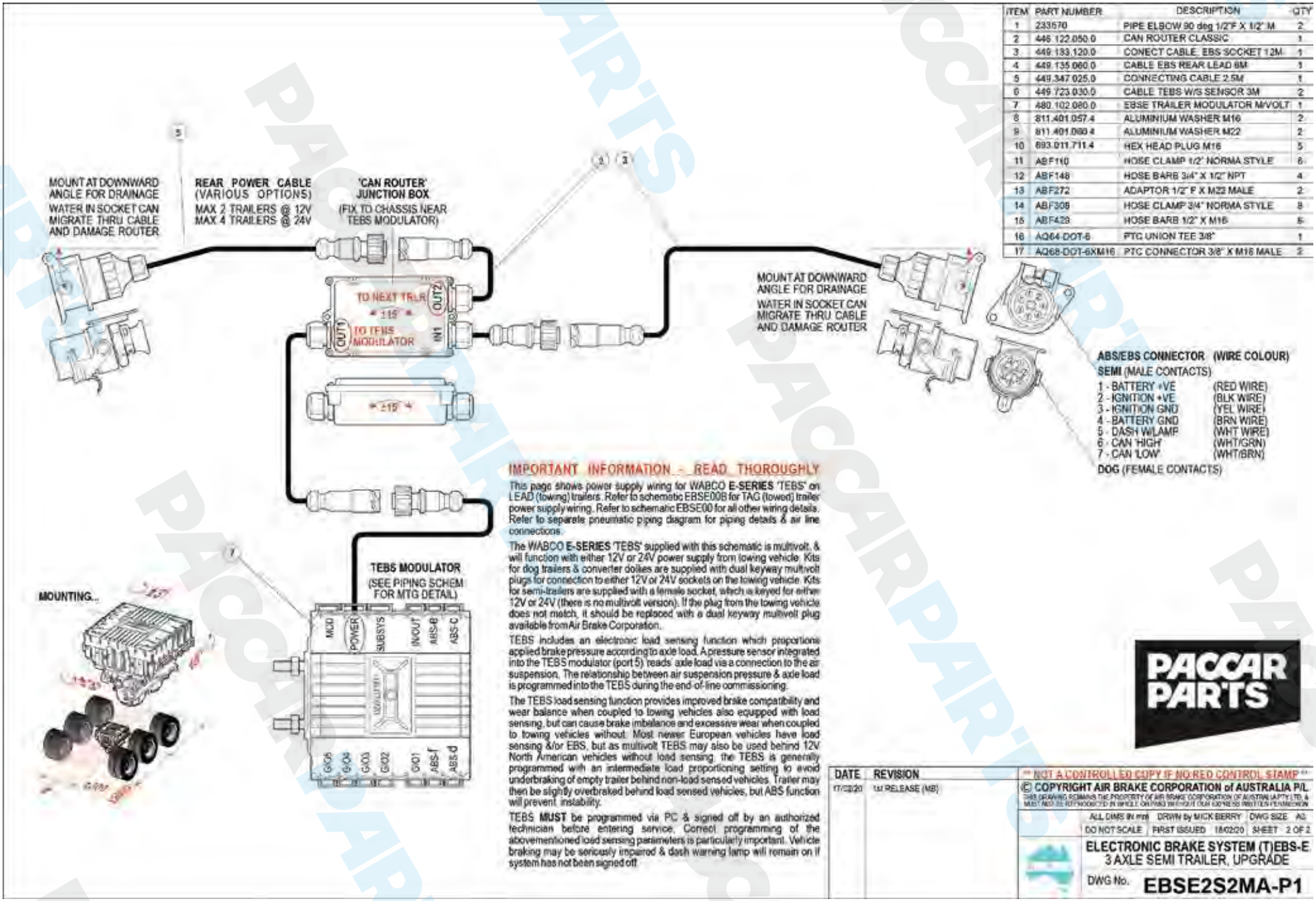
** NOT A CONTROLLED COPY IF NO RED CONTROL STAMP **

© COPYRIGHT AIR BRAKE CORPORATION of AUSTRALIA P/L
THIS DRAWING REMAINS THE PROPERTY OF AIR BRAKE CORPORATION OF AUSTRALIA PTY LTD, & MUST NOT BE REPRODUCED IN WHOLE OR PART WITHOUT OUR EXPRESS WRITTEN PERMISSION

ALL DIMS IN mm | DRWN by MICK BERRY | DWG SIZE A3
DO NOT SCALE | FIRST ISSUED 18/02/20 | SHEET 1 OF 1

ELECTRONIC BRAKE SYSTEM (T)EBS-E
3 AXLE SEMI TRAILER, UPGRADE

DWG No. **EBSE2S2MA-P1**



ITEM	PART NUMBER	DESCRIPTION	QTY
1	233570	PIPE ELBOW 90 deg 1/2"F X 1/2" M	2
2	446.122.050.0	CAN ROUTER CLASSIC	1
3	449.133.120.0	CONECT CABLE EBS SOCKET 1.2M	1
4	449.135.060.0	CABLE EBS REAR LEAD 6M	1
5	449.347.025.0	CONNECTING CABLE 2.5M	1
6	449.723.030.0	CABLE TEBS W/S SENSOR 3M	2
7	480.102.080.0	EBSE TRAILER MODULATOR M/VOLT	1
8	811.401.057.4	ALUMINIUM WASHER M16	2
9	811.401.069.4	ALUMINIUM WASHER M22	2
10	893.011.711.4	HEX HEAD PLUG M16	5
11	ABF110	HOSE CLAMP 1/2" NORMA STYLE	6
12	ABF148	HOSE BARB 3/4" X 1/2" NPT	4
13	ABF272	ADAPTOR 1/2" F X M22 MALE	2
14	ABF308	HOSE CLAMP 3/4" NORMA STYLE	8
15	ABF428	HOSE BARB 1/2" X M16	5
16	AQ64-DOT-6	PTC UNION TEE 3/8"	1
17	AQ68-DOT-6XM16	PTC CONNECTOR 3/8" X M16 MALE	2

ABS/EBS CONNECTOR (WIRE COLOUR)

SEMI (MALE CONTACTS)

1 - BATTERY +VE	(RED WIRE)
2 - IGNITION +VE	(BLK WIRE)
3 - IGNITION GND	(YEL WIRE)
4 - BATTERY GND	(BRN WIRE)
5 - DASH W/LAMP	(WHT WIRE)
6 - CAN 'HIGH'	(WHT/GRN)
7 - CAN 'LOW'	(WHT/BRN)

DOG (FEMALE CONTACTS)

IMPORTANT INFORMATION - READ THOROUGHLY

This page shows power supply wiring for WABCO **E-SERIES** 'TEBS' on LEAD (towing) trailers. Refer to schematic EBSE00B for TAG (towed) trailer power supply wiring. Refer to schematic EBSE00 for all other wiring details. Refer to separate pneumatic piping diagram for piping details & air line connections.

The WABCO **E-SERIES** 'TEBS' supplied with this schematic is multivolt, & will function with either 12V or 24V power supply from towing vehicle. Kits for dog trailers & converter dollies are supplied with dual keyway multivolt plugs for connection to either 12V or 24V sockets on the towing vehicle. Kits for semi-trailers are supplied with a female socket, which is keyed for either 12V or 24V (there is no multivolt version). If the plug from the towing vehicle does not match, it should be replaced with a dual keyway multivolt plug available from Air Brake Corporation.

TEBS includes an electronic load sensing function which proportions applied brake pressure according to axle load. A pressure sensor integrated into the TEBS modulator (port 5) 'reads' axle load via a connection to the air suspension. The relationship between air suspension pressure & axle load is programmed into the TEBS during the end-of-line commissioning.

The TEBS load sensing function provides improved brake compatibility and wear balance when coupled to towing vehicles also equipped with load sensing, but can cause brake imbalance and excessive wear when coupled to towing vehicles without. Most newer European vehicles have load sensing &/or EBS, but as multivolt TEBS may also be used behind 12V North American vehicles without load sensing, the TEBS is generally programmed with an intermediate load proportioning setting to avoid underbraking of empty trailer behind non-load sensed vehicles. Trailer may then be slightly overbraked behind load sensed vehicles, but ABS function will prevent instability.

TEBS **MUST** be programmed via PC & signed off by an authorized technician before entering service. Correct programming of the abovementioned load sensing parameters is particularly important. Vehicle braking may be seriously impaired & dash warning lamp will remain on if system has not been signed off.

DATE	REVISION
17/02/20	1st RELEASE (MB)

** NOT A CONTROLLED COPY IF NO RED CONTROL STAMP **

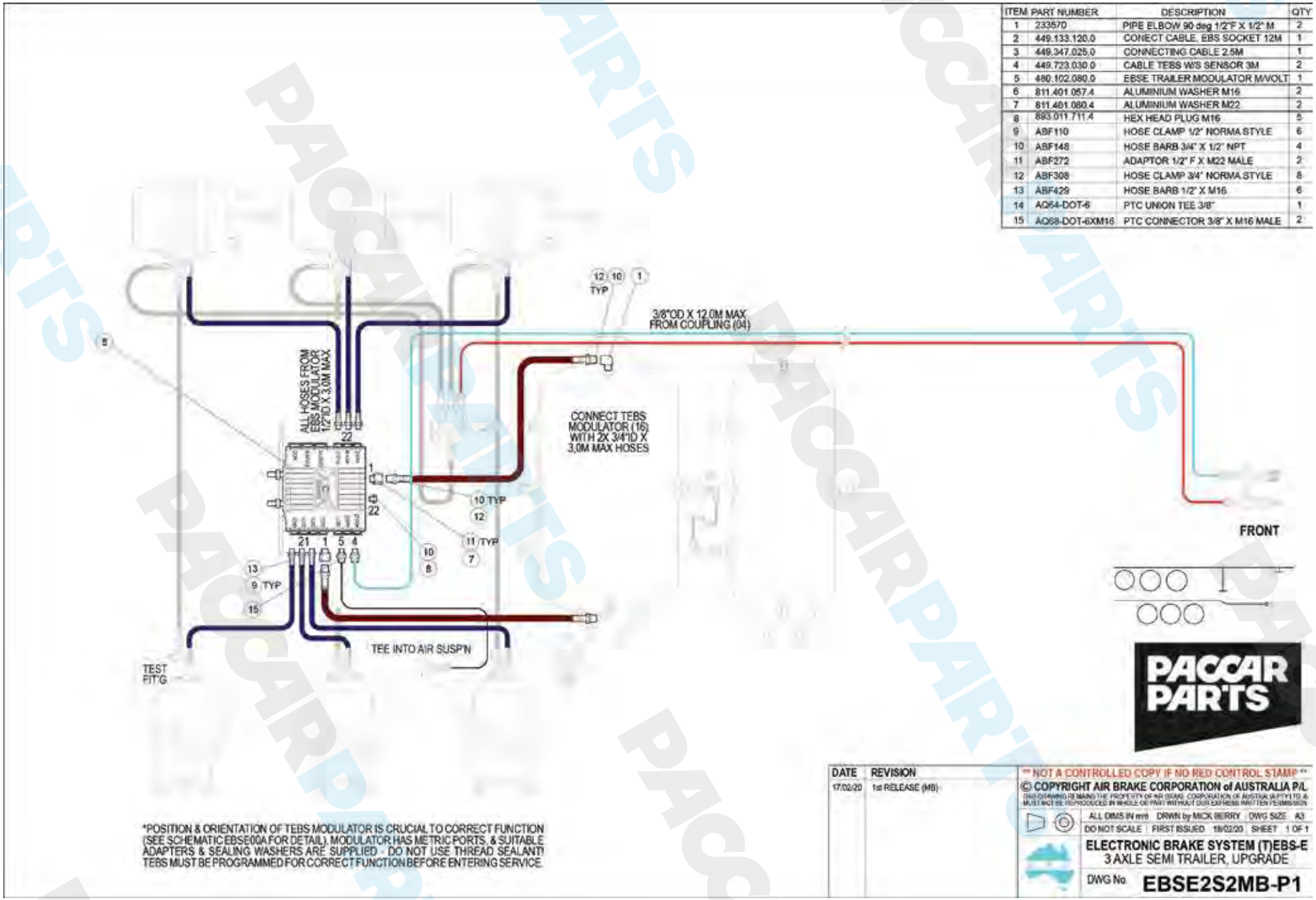
© COPYRIGHT AIR BRAKE CORPORATION of AUSTRALIA P/L
THIS DRAWING REMAINS THE PROPERTY OF AIR BRAKE CORPORATION OF AUSTRALIA PTY LTD, & MUST NOT BE REPRODUCED IN WHOLE OR PART WITHOUT OUR EXPRESS WRITTEN PERMISSION

ALL DIMS IN mm | DRWN by MICK BERRY | DWG SIZE A3
DO NOT SCALE | FIRST ISSUED 18/02/20 | SHEET 2 OF 2

ELECTRONIC BRAKE SYSTEM (T)EBS-E
3 AXLE SEMI TRAILER, UPGRADE

DWG No. **EBSE2S2MA-P1**

ITEM	PART NUMBER	DESCRIPTION	QTY
1	233570	PIPE ELBOW 90 deg 1/2"F X 1/2" M	2
2	449.133.120.0	CONECT CABLE, EBS SOCKET 12M	1
3	449.347.025.0	CONNECTING CABLE 2.5M	1
4	449.723.030.0	CABLE TEBS W/S SENSOR 3M	2
5	480.102.080.0	EBSE TRAILER MODULATOR M/VOLT	1
6	811.401.057.4	ALUMINIUM WASHER M16	2
7	811.401.060.4	ALUMINIUM WASHER M22	2
8	893.011.711.4	HEX HEAD PLUG M16	5
9	ABF110	HOSE CLAMP 1/2" NORMA STYLE	6
10	ABF148	HOSE BARB 3/4" X 1/2" NPT	4
11	ABF272	ADAPTOR 1/2" F X M22 MALE	2
12	ABF308	HOSE CLAMP 3/4" NORMA STYLE	8
13	ABF429	HOSE BARB 1/2" X M16	6
14	AQ64-DOT-6	PTC UNION TEE 3/8"	1
15	AQ68-DOT-6XM16	PTC CONNECTOR 3/8" X M16 MALE	2



*POSITION & ORIENTATION OF TEBS MODULATOR IS CRUCIAL TO CORRECT FUNCTION (SEE SCHEMATIC EBSE00A FOR DETAIL). MODULATOR HAS METRIC PORTS, & SUITABLE ADAPTERS & SEALING WASHERS ARE SUPPLIED - DO NOT USE THREAD SEALANT! TEBS MUST BE PROGRAMMED FOR CORRECT FUNCTION BEFORE ENTERING SERVICE.

DATE	REVISION
17/02/20	1st RELEASE (MB)

** NOT A CONTROLLED COPY IF NO RED CONTROL STAMP **

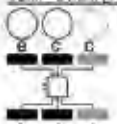
© COPYRIGHT AIR BRAKE CORPORATION of AUSTRALIA P/L
THIS DRAWING REMAINS THE PROPERTY OF AIR BRAKE CORPORATION OF AUSTRALIA (PTY) LTD. & MUST NOT BE REPRODUCED IN WHOLE OR PART WITHOUT OUR EXPRESS WRITTEN PERMISSION

ALL DIMS IN mm | DRWN by MICK BERRY | DWG SIZE A3
DO NOT SCALE | FIRST ISSUED 18/02/20 | SHEET 1 OF 1

ELECTRONIC BRAKE SYSTEM (T)EBS-E
3 AXLE SEMI TRAILER, UPGRADE

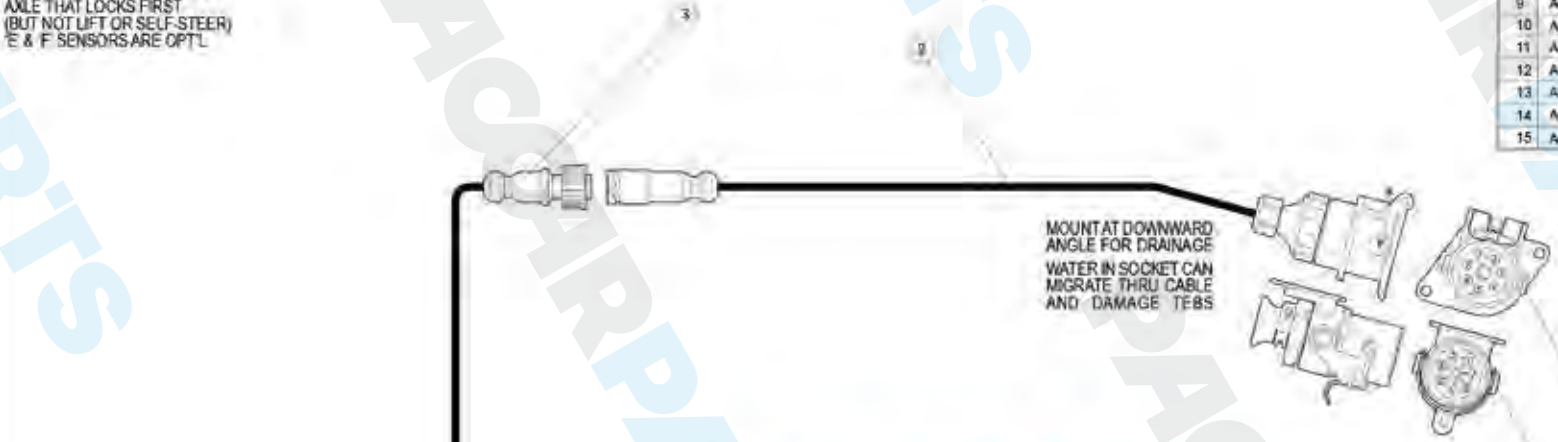
DWG No. **EBSE2S2MB-P1**

SEMI - 2S/2M (STD), 4S/2M (OPTL)



INSTALL 'C' & 'D' SENSORS ON AXLE THAT LOCKS FIRST (BUT NOT LIFT OR SELF-STEER) 'E' & 'F' SENSORS ARE OPT'L

ITEM	PART NUMBER	DESCRIPTION	QTY
1	233570	PIPE ELBOW 90 deg 1/2"F X 1/2" M	2
2	449.133.120.0	CONECT CABLE, EBS SOCKET 12M	1
3	449.347.025.0	CONNECTING CABLE 2.5M	1
4	449.723.030.0	CABLE TEBS W/S SENSOR 3M	2
5	480.102.080.0	EBSE TRAILER MODULATOR M/VOLT	1
6	811.401.057.4	ALUMINIUM WASHER M16	2
7	811.401.080.4	ALUMINIUM WASHER M22	2
8	893.011.711.4	HEX HEAD PLUG M16	5
9	ABF110	HOSE CLAMP 1/2" NORMA STYLE	6
10	ABF148	HOSE BARB 3/4" X 1/2" NPT	4
11	ABF272	ADAPTOR 1/2" F X M22 MALE	2
12	ABF388	HOSE CLAMP 3/4" NORMA STYLE	8
13	ABF429	HOSE BARB 1/2" X M16	6
14	AQ64-DOT-6	PTC UNION TEE 3/8"	1
15	AQ68-DOT-6XM16	PTC CONNECTOR 3/8" X M16 MALE	2



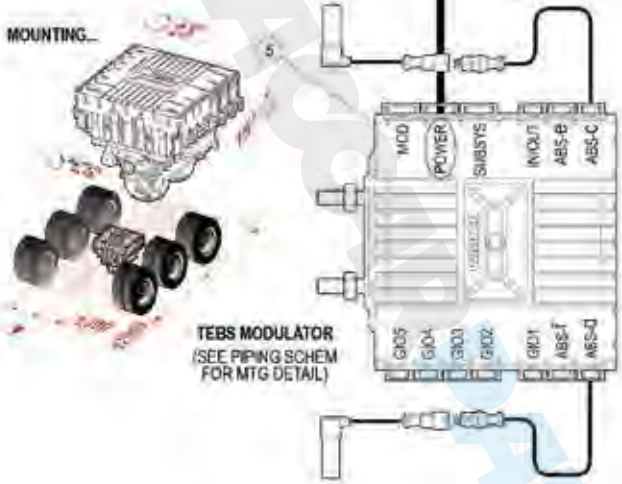
ABS/EBS CONNECTOR (WIRE COLOUR)

SEMI (MALE CONTACTS)

1 - BATTERY +VE	(RED WIRE)
2 - IGNITION +VE	(BLK WIRE)
3 - IGNITION GND	(YEL WIRE)
4 - BATTERY GND	(BRN WIRE)
5 - DASH W/LAMP	(WHT WIRE)
6 - CAN 'HIGH'	(WHT/GRN)
7 - CAN 'LOW'	(WHT/BRN)

DOG (FEMALE CONTACTS)

MOUNTING...



TEBS MODULATOR
(SEE PIPING SCHEM FOR MTG DETAIL)

IMPORTANT INFORMATION - READ THOROUGHLY

This page shows power supply wiring for WABCO **E-SERIES** 'TEBS' on TAG (towed) trailers. Refer to schematic EBSE00A for LEAD (towing) trailer power supply wiring. Refer to schematic EBSE00 for all other wiring details. Refer to separate pneumatic piping diagram for piping details & air line connections.

The WABCO **E-SERIES** 'TEBS' supplied with this schematic is multivolt, & will function with either 12V or 24V power supply from towing vehicle. Kits for dog trailers & converter dollies are supplied with dual keyway multivolt plugs for connection to either 12V or 24V sockets on the towing vehicle. Kits for semi-trailers are supplied with a female socket, which is keyed for either 12V or 24V (there is no multivolt version). If the plug from the towing vehicle does not match, it should be replaced with a dual keyway multivolt plug available from Air Brake Corporation.

TEBS includes an electronic load sensing function which proportions applied brake pressure according to axle load. A pressure sensor integrated into the TEBS modulator (port 5) 'reads' axle load via a connection to the air suspension. The relationship between air suspension pressure & axle load is programmed into the TEBS during the end-of-line commissioning.

The TEBS load sensing function provides improved brake compatibility and wear balance when coupled to towing vehicles also equipped with load sensing, but can cause brake imbalance and excessive wear when coupled to towing vehicles without. Most newer European vehicles have load sensing &/or EBS, but as multivolt TEBS may also be used behind 12V North American vehicles without load sensing, the TEBS is generally programmed with an intermediate load proportioning setting to invoid underbraking of empty trailer behind non-load sensed vehicles. Trailer may then be slightly overbraked behind load sensed vehicles, but ABS function will prevent instability.

TEBS MUST be programmed via PC & signed off by an authorized technician before entering service. Correct programming of the abovementioned load sensing parameters is particularly important. Vehicle braking may be seriously impaired & dash warning lamp will remain on if system has not been signed off.

DATE	REVISION

** NOT A CONTROLLED COPY IF NO RED CONTROL STAMP **

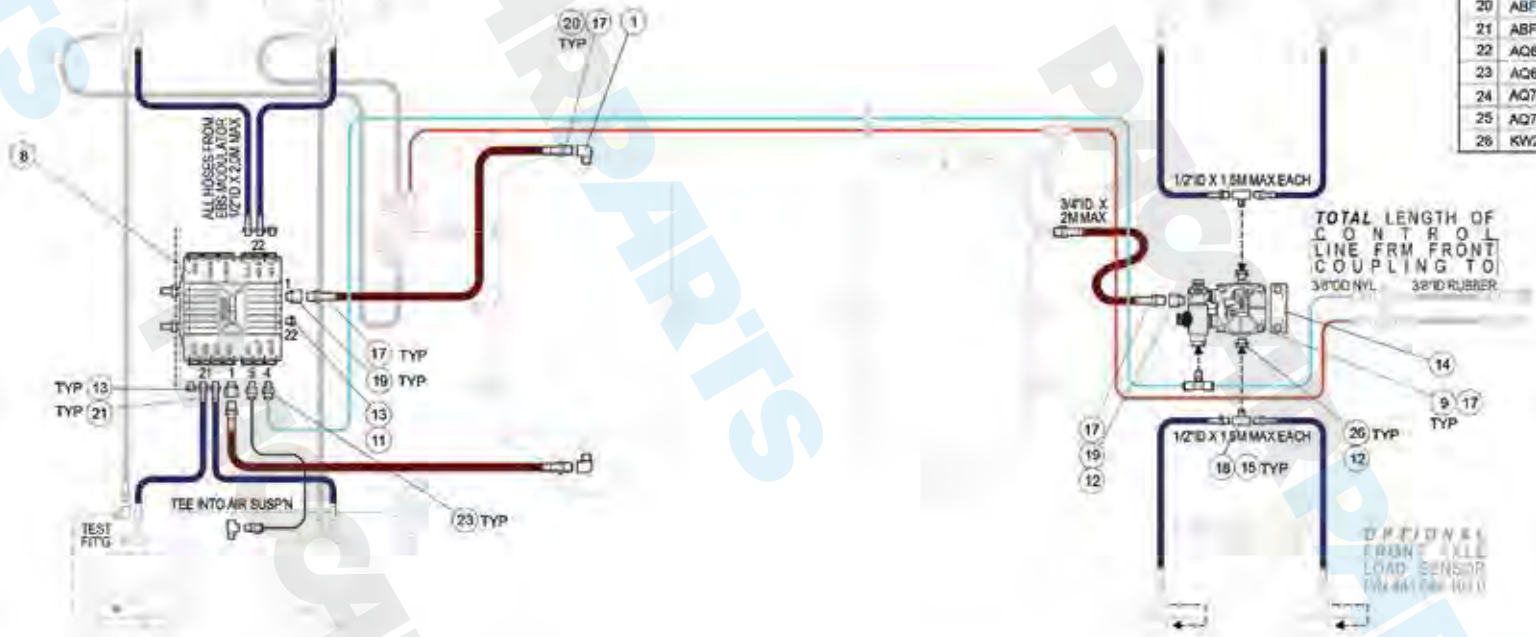
© COPYRIGHT AIR BRAKE CORPORATION of AUSTRALIA P/L
THIS DRAWING REMAINS THE PROPERTY OF AIR BRAKE CORPORATION OF AUSTRALIA PTY LTD. IT MUST NOT BE REPRODUCED IN WHOLE OR PART WITHOUT OUR EXPRESS WRITTEN PERMISSION

ALL DIMS IN mm DRWN by MICK BERRY DWG SIZE A3
DO NOT SCALE FIRST ISSUED 16/02/20 SHEET 1 OF 1

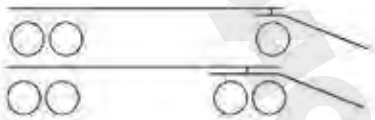
ELECTRONIC BRAKE SYSTEM (T)EBS-E
3 AXLE SEMI TRAILER, UPGRADE

DWG No. **EBSE2S2MB-P1**

ITEM	PART NUMBER	DESCRIPTION	QTY
1	233570	PIPE ELBOW 90 deg 1/2"F X 1/2" M	2
2	234584	PIPE NIPPLE 3/8" X 3/8"	2
3	449.233.140.0	CABLE, TEBS PWR 24V PLUG 14M	1
4	449.347.025.0	CONNECTING CABLE 2.5M	1
5	449.429.130.0	CABLE TO 3RD MODULATOR	1
6	449.723.030.0	CABLE TEBS W/S SENSOR 3M	2
7	449.723.080.0	CABLE TEBS W/S SENSOR 8M	2
8	450.102.080.0	EBSE TRAILER MODULATOR M/VOLT	1
9	480.207.202.0	MULTIVOLT 3RD MODULATOR VALVE	1
10	811.401.032.4	ALUMINIUM WASHER M16	1
11	811.401.057.4	ALUMINIUM WASHER M16	2
12	811.401.080.4	ALUMINIUM WASHER M22	8
13	893.011.711.4	HEX HEAD PLUG M16	5
14	ABC296010	BRACKET, SUIT RELAY VALVE	1
15	ABF103	HOSE BARB 1/2" X 3/8"	4
16	ABF110	HOSE CLAMP 1/2" NORMA STYLE	10
17	ABF148	HOSE BARB 3/4" X 1/2" NPT	6
18	ABF155	PIPE BRANCH TEE 3/8" X 3/8" M	4
19	ABF272	ADAPTOR 1/2" F X M22 MALE	4
20	ABF308	HOSE CLAMP 3/4" NORMA STYLE	12
21	ABF429	HOSE BARB 1/2" X M16	21
22	AQ64-DOT-6	PTC UNION TEE 3/8"	1
23	AQ68-DOT-6XM16	PTC CONNECTOR 3/8" X M16 MALE	2
24	AQ72-DOTS-6X4	PTC BRANCH TEE 3/8" X 1/4"	1
25	AQ72-DOT-6XM12	PTC BRANCH TEE 3/8" X M12 M	1
26	KW2783/1	BUSH 3/8F X M22 M	2



*POSITION & ORIENTATION OF TEBS MODULATOR IS CRUCIAL TO CORRECT FUNCTION (SEE SCHEMATIC EBSE00 FOR DETAILS). MODULATOR HAS METRIC PORTS, & SUITABLE ADAPTERS & SEALING WASHERS ARE SUPPLIED - DO NOT USE THREAD SEALANT! TEBS MUST BE PROGRAMMED FOR CORRECT FUNCTION BEFORE ENTERING SERVICE.



DATE	REVISION
17/02/20	1st RELEASE (MB)

** NOT A CONTROLLED COPY IF NO RED CONTROL STAMP **

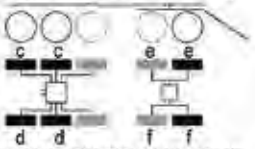
© COPYRIGHT AIR BRAKE CORPORATION of AUSTRALIA P/L
THIS DRAWING REMAINS THE PROPERTY OF AIR BRAKE CORPORATION OF AUSTRALIA PTY LTD & MUST NOT BE REPRODUCED IN WHOLE OR PART WITHOUT OUR EXPRESS WRITTEN PERMISSION

ALL DIMS IN mm | DRWN by MICK BERRY | DWG SIZE A3
DO NOT SCALE | FIRST ISSUED 2020/02/19 | SHEET 1 OF 2

ELECTRONIC BRAKE SYSTEM (T)EBS-E
3 / 4 AXLE TRAILER, UPGRADE

DWG No. **EBSE4S3MB-P1**

DOG - 4S/3M (3 AXLES OR MORE)

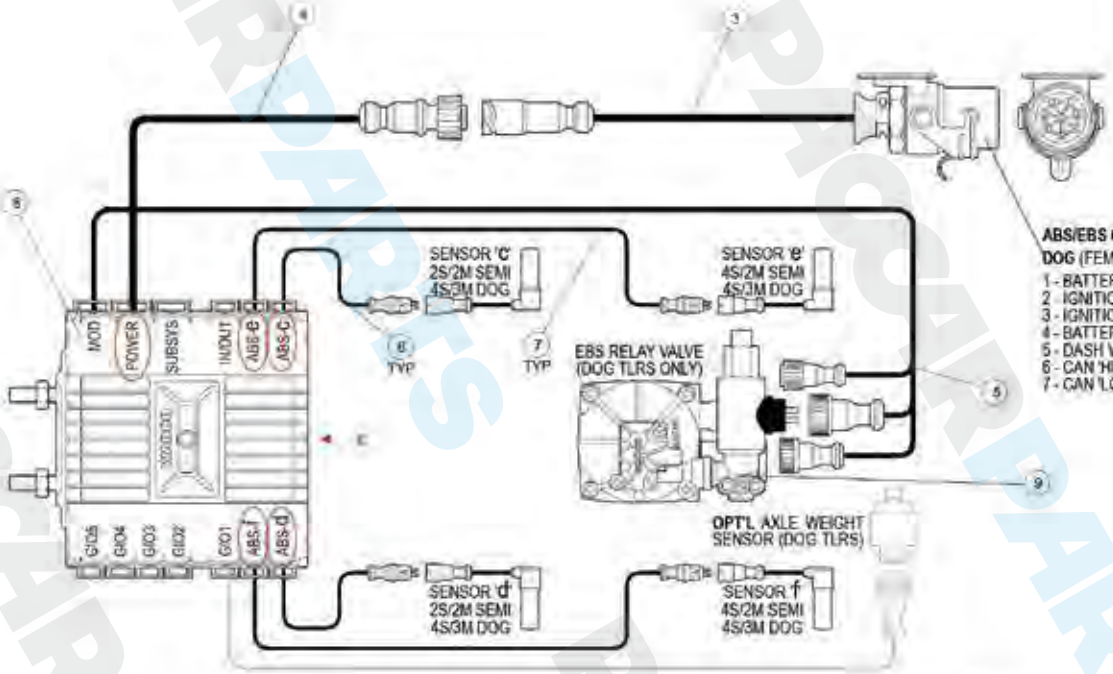


INSTALL SENSORS ON AXLE THAT LOCKS FIRST IN EACH GROUP (BUT NOT LIFT OR SELF-STEER)

ITEM	PART NUMBER	DESCRIPTION	QTY
1	233570	PIPE ELBOW 90 deg 1/2"F X 1/2" M	2
2	234594	PIPE NIPPLE 3/8" X 3/8"	2
3	449.233.140.0	CABLE, TEBS PWR 24V PLUG 14M	1
4	449.347.025.0	CONNECTING CABLE 2.5M	1
5	449.429.130.0	CABLE TO 3RD MODULATOR	1
6	449.723.030.0	CABLE TEBS W/S SENSOR 3M	2
7	449.723.080.0	CABLE TEBS W/S SENSOR 8M	2
8	480.102.080.0	EBSE TRAILER MODULATOR M/VOLT	1
9	480.207.202.0	MULTIVOLT 3RD MODULATOR VALVE	1
10	811.401.032.4	ALUMINIUM WASHER M16	1
11	811.401.057.4	ALUMINIUM WASHER M16	2
12	811.401.080.4	ALUMINIUM WASHER M22	6
13	893.011.711.4	HEX HEAD PLUG M16	5
14	ABC296010	BRACKET, SUIT RELAY VALVE	1
15	ABF103	HOSE BARB 1/2" X 3/8"	4
16	ABF110	HOSE CLAMP 1/2" NORMA STYLE	10
17	ABF148	HOSE BARB 3/4" X 1/2" NPT	6
18	ABF155	PIPE BRANCH TEE 3/8" X 3/8" M	4
19	ABF272	ADAPTOR 1/2" F X M22 MALE	4
20	ABF308	HOSE CLAMP 3/4" NORMA STYLE	12
21	ABF429	HOSE BARB 1/2" X M16	21
22	AQ64-DOT-6	PTC UNION TEE 3/8"	1
23	AQ68-DOT-6XM16	PTC CONNECTOR 3/8" X M16 MALE	2
24	AQ72-DOTS-6X4	PTC BRANCH TEE 3/8" X 1/4"	1
25	AQ72-DOT-6XM12	PTC BRANCH TEE 3/8" X M12 M	1
26	KW2783/1	BUSH 3/8F X M22 M	2

MOUNTING...





ABS/EBS CONNECTOR (WIRE COLOUR)
DOG (FEMALE CONTACTS)

1 - BATTERY +VE	(RED WIRE)
2 - IGNITION +VE	(BLK WIRE)
3 - IGNITION GND	(YEL WIRE)
4 - BATTERY GND	(BRN WIRE)
5 - DASH W/LAMP	(WHT WIRE)
6 - CAN 'HIGH'	(WHT/GRN)
7 - CAN 'LOW'	(WHT/BRN)

DATE	REVISION
17/02/20	1st RELEASE (MB)

** NOT A CONTROLLED COPY IF NO RED CONTROL STAMP **

© COPYRIGHT AIR BRAKE CORPORATION of AUSTRALIA P/L
THIS DRAWING REMAINS THE PROPERTY OF AIR BRAKE CORPORATION OF AUSTRALIA PTY LTD & MUST NOT BE REPRODUCED IN WHOLE OR PART WITHOUT OUR EXPRESS WRITTEN PERMISSION

ALL DIMS IN mm | DRWN by MICK BERRY | DWG SIZE A3
DO NOT SCALE | FIRST ISSUED 2020/02/19 | SHEET 1 OF 2

ELECTRONIC BRAKE SYSTEM (T)EBS-E
3 / 4 AXLE TRAILER, UPGRADE

DWG No. EBSE4S3MB-P1

TEBS MODULE & PARTS
TEBS RETROFIT KITS

TEBS TRAILER RETRO FIT KIT CONTENTS					
PART NO.	DESCRIPTION	EBSE2S2MA-P1 QTY:	EBSE2S2MB-P1 QTY:	EBSE4S3MB-P1 QTY:	AVAILABLE SEPARATELY
233570	Pipe Elbow 90° ½" F x ½" M	2	2	2	-
446.122.050.0	CAN Router Classic	1	-	-	Yes
449.133.120.0	Connect Cable, EBS Socket 12m	1	1	-	Yes
449.135.060.0	Cable EBS Rear Lead 6m	1	-	-	Yes
449.347.025.0	Connecting Cable 2.5m	1	1	1	Yes
449.723.030.0 / 4497230300	Cable TEBS Wheel Speed Sensor 3m	2	2	2	Yes
480.102.080.0	EBSE Trailer Modulator Multivolt	1	1	1	Yes
811.401.057.4	Aluminium Washer M16	2	2	2	-
811.401.080.4	Aluminium Washer M22	2	2	6	Yes
893.011.711.4	Hex Head Plug M16	5	5	5	-
ABF110	Hose Clamp ½" Normal Style	6	6	10	-
ABF148	Hose Barb ¾" x ½" NPT	4	4	6	-
ABF272	Adaptor ½" F x M22 Male	2	2	4	-
ABF308	Hose Clamp ¾" Normal Style	8	8	12	-
ABF429	Hose Barb ½" x M16	6	6	21	-
AQ64-DOT-6	PTC Union Tee ⅜"	1	1	1	-
AQ68-DOT-6XM16	PTC Connector ⅜" x M16 Male	2	2	2	-
234584	Pipe Nipple ⅜" x ⅜"	-	-	2	-
449.233.140.0	Cable, TEBS PWR 24V Plug 14m	-	-	1	-
449.429.130.0	Cable to 3rd Modulator	-	-	1	-
449.723.080.0	Cable TEBS Wheel Speed Sensor 8m	-	-	2	-
480.207.202.0	Multivolt 3rd Modulator Valve	-	-	1	-
811.401.032.4	Aluminium Washer M16	-	-	1	-
ABC296010	Bracket, Relay Valve	-	-	1	-
ABF103	Hose Barb ½" x ⅜"	-	-	4	Yes
ABF155	Pipe Branch Tee ⅜" x ⅜" M	-	-	4	-
AQ72-DOTS-6X4	PTC Branch Tee ⅜" x ¼"	-	-	1	-
AQ72-DOT-6XM12	PTC Branch Tee ⅜" x M12 M	-	-	1	-
KW2783/1	Bush ⅜" F x M22 M	-	-	2	Yes

TEBS MODULE & PARTS
TEBS DIAGNOSTIC KITS

TRAILER DIAGNOSTIC FULL CASE		
PART NO.	**APPLICATION**	**NOTES**
446301023MV 	Complete Kit Trailer Diagnostics	**TEBS MUST BE PROGRAMED & SIGNED OFF BY A QUALIFIED INSTALLER!**

TRAILER DIAGNOSTIC INTERFACE		
PART NO.	**APPLICATION**	**NOTES**
4463010300 	Diagnostic Interface with Cable	**TEBS MUST BE PROGRAMED & SIGNED OFF BY A QUALIFIED INSTALLER!**

ABS WHEEL SPEED SENSORS

WABCO

PART NO.	DESCRIPTION	APPLICATION
4410328790 	Sensor Speed Elbow 0.4m DIN Connector	Wabco
4410328130 	Sensor Speed Elbow 1.7m DIN Connector	Wabco
4410328140 	Sensor Speed Elbow 2.0m DIN Connector	Wabco
4410329050 	Sensor Speed STRT 0.3m DIN Connector	

ABS WHEEL SPEED SENSORS

WABCO

PART NO.		DESCRIPTION	APPLICATION
4410329212		Sensor Speed Elbow 0.4m DIN Kit	
4410329222		Sensor Speed Elbow 1.0m DIN Kit	
4410350010		ABS Sensor	
4410329000		Sensor & Cable ASSY	

ABS WHEEL SPEED SENSORS

TRANSPEC

PART NO.	DESCRIPTION	APPLICATION

0233170500 	ABS Sensor & Lead
	Angled Length = 350mm
		BPW
		- SB3745 & SB3745T ECOPlus Hub
		  - 10 Tonne
		  - Tangential Mount
		- Replaces T02-0233170500

0233170700 	ABS Sensor & Lead
	Straight Length = 350mm
		BPW
		- SB3745 & SB3745T ECO Hub
		  - 9 tonne
		  - Axial Mount
		- SB3745, SB3745T & SB4309T ECOPlus Hub
		  - 9 tonne
		  - Tangential Mount
		- SB4309T ECOPlus Hub
		  - 10 tonne
		  - Tangential Mount

ABS CABLES & ACCESSORIES

TRANSPEC

PART NO.	DESCRIPTION	APPLICATION
0203165900 	Bush Sensor ABS	▪ ECO Hub 9 Tonne Axial Brake ▪ ECOPlus Hub 9 tonne, 10 tonne Tangential ▪ Brake Type SB4309T, SN4218, SB3745 & SB3745T ▪ Replaces T02-0203165900
0318907580 	ABS Sensor Bracket Right	▪ To Suit Brake Type SN4218 ▪ H91/H101 120mm Square 9t/10t/12t Bearings ▪ H10 150mm Square 10t/12t Bearings ▪ Replaces T02-0318907580
0318907590 	ABS Sensor Bracket Left	▪ To Suit Brake Type SN4218 ▪ H91/H101 120mm Square 9t/10t/12t Bearings ▪ H10 150mm Square 10t/12t Bearings ▪ Replaces T02-0318907590

ABS CABLES & ACCESSORIES

TRANSPEC

PART NO.		DESCRIPTION	APPLICATION
0518915590		ABS Grommet with O' Ring	
0318914610		Sensor Bracket	▌To Suit Brake Type SN3620 ▌KH90 120mm Square 9t Bearings ECOPlus Hub

WABCO

PART NO.		DESCRIPTION	APPLICATION
EBS075.12		ABS Socket	12V EBS Female Socket

ABS KITS FOR 19.5" WHEELS*

TRANSPEC

Fig A

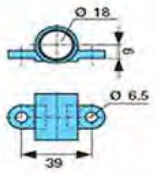


Fig B

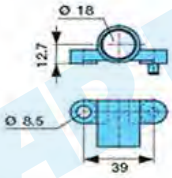


Fig C

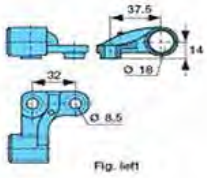
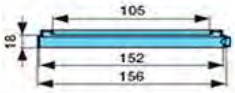


Fig D



PART NO.	APPLICATION	INCLUDED PARTS	INCLUDED PART NO.	QTY	NOTE
0580173860	SB3745 & SB3745T ECO Hub 9 tonne Axial Mount	Locking Bolt. M10 x 15	0250712200	2	
		Sensor Bracket	0318912020	2	A
		Cylinder Cap Bolt. M6 X 12 - 8.8	0250159480	4	
		Spring Washer A6	0256010690	4	
		Exciter Ring 80 Teeth (for 19.5" Wheels) Ø105/152/156 x 18	0531007291	2	D (Supercedes 0531007290)
		Sensor, Straight. L = 350	0233170700	2	
		Bush	203165900	2	NSS
		Support Short. L 35	318907350	2	
		Support	214211100	2	
		Serrated Lock Washer A 10.5	254141190	2	
		Heat Protection Plate	316524640	2	
		Special Silicone Grease 5g	210401700	1	
0580174090	Brake Type SB3745, SB3745T & SB4309T ECOPlus Hub 9 tonne Tangential Mount	Locking Bolt. M10 x 15	0250712200	2	
		Locking Bolt. M8 x 20	0250712300	2	
		Sensor Bracket	0318914610	2	B
		Locking Screw. M8 x 20	0250712300	2	
		Exciter Ring. 80 Teeth (for 19.5" Wheels) Ø125/156 x 8.5	0331008530	2	E
		Sensor, Straight. L = 350	0233170700	2	
		Bush	203165900	2	NSS
		Support Short. L 35	318907350	2	
		Support	214211100	2	
		Serrated Lock Washer A 10.5	254141190	2	
		Heat Protection Plate	316524640	2	
		Special Silicone Grease 5g	210401700	1	
0580173880	Brake Type SB3745 & SB3745T ECOPlus Hub 10 tonne Tangential Mount	Locking Bolt. M10 x 15	0250712200	2	
		Exciter Ring. 100 Teeth (for 20" Wheels) Ø177/215 x 22/5 x Ø6.5	0331009390	2	F
		Cylinder Cap Screw M6 x 30	0250154882	10	
		Spring Washer	0256010690	10	
		Sensor, Angled. L = 350	0233170500	2	
		Bush	203165900	2	NSS
		Support Short. L 35"	318907350	2	
		Support	214211100	2	
		Serrated Lock Washer A 10.5	254141190	2	
		Heat Protection Plate	316524640	2	
		Special Silicone Grease 5g	210401700	1	

* Please note: To determine which exciter ring is required you will need to know both the tyre size and the type of exciter ring. You can determine the type of exciter ring by referring to the figures above. The ABS Kits will only include the exciter ring that is relevant to the correct type and wheel size.

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION

ABS KITS FOR 20" WHEELS*

TRANSPEC

Fig E

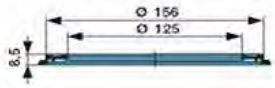


Fig F

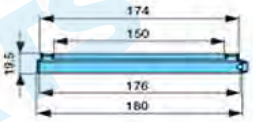
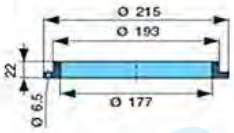


Fig G



PART NO.	APPLICATION	INCLUDED PARTS	INCLUDED PART NO.	QTY	NOTE
0580173870	SB3745 & SB3745T ECO Hub 9 tonne Axial Mount	Locking Bolt. M10 x 15	0250712200	2	
		Sensor Bracket	0318912020	2	A
		Cylinder Cap Bolt. M6 x 12 - 8.8	0250159480	4	
		Spring Washer A6	0256010690	4	
		Exciter Ring. 100 Teeth (for 20" Wheels) Ø105/152/156 x 18	0531007300	2	D
		Sensor, Straight. L = 350	0233170700	2	
		Bush	203165900	2	NSS
		Support Short. L 35	318907350	2	
		Support	214211100	2	
		Serrated Lock Washer A 10.5	254141190	2	
		Heat Protection Plate	316524640	2	
		Special Silicone Grease 5 gm	210401700	1	
0580174080	Brake Type SB3745, SB3745T & SB4309T ECOPlus Hub 9 tonne Tangential Mount	Locking Bolt. M10 x 15	0250712200	2	
		Locking Bolt. M8 x 20	0250712300	2	
		Sensor Bracket	0318914610	2	B
		Locking Screw. M8 x 20	0250712300	2	
		Exciter Ring. 100 Teeth (for 20" Wheels) Ø125/156 x 8.5"	0331008510	2	E
		Sensor, Straight. L = 350	0233170700	2	
		Bush	203165900	2	NSS
		Support Short. L 35	318907350	2	
		Support	214211100	2	
		Serrated Lock Washer A 10.5	254141190	2	
		Heat Protection Plate	316524640	2	
		Special Silicone Grease 5 gm	210401700	1	
0580173880	Brake Type SB3745 & SB3745T ECOPlus Hub 10 tonne Tangential Mount	Locking Bolt. M10 x 15	0250712200	2	
		Shaped plate	316323040	2	NSS
		Sensor Bracket. Left Hand	318907580	2	C, NSS
		Sensor Bracket. Right Hand	318907590	2	C, NSS
		Exciter Ring. 100 Teeth (for 20" Wheels) Ø150/176/180 x Ø19.5	0531008501	2	F
		Sensor, Straight. L = 350	0233170700	2	
		Bush	203165900	2	NSS
		Support Short. L 35	318907350	2	
		Support	214211100	2	
		Serrated Lock Washer A 10.5	254141190	2	
		Heat Protection Plate	316524640	2	
		Special Silicone Grease 5 gm	210401700	1	

* Please note: To determine which exciter ring is required you will need to know both the tyre size and the type of exciter ring. You can determine the type of exciter ring by referring to the figures above. The ABS Kits will only include the exciter ring that is relevant to the correct type and wheel size.

NA - NOT AVAILABLE - DISCONTINUED | NSS - NOT SOLD SEPARATELY | NS - NOT SHOWN IN DRAWING | RPS- REFER PRODUCT SECTION



Wheels, hubs, hubodometers, hub caps, bearings and even axle tools are covered in this section. Everything that you can see on a wheel end plus a host of parts that you can't see are the mainstay here. Supported by drawings and illustrations, you can select and shop with confidence.

WHEEL END

HUBS, DUST COVERS, BEARINGS, BEARING TOOLS & BEARING GREASE

HUBS & DRUMS 122

DUST COVERS 128

BEARING KITS & TOOLS 136

BEARING GREASE 148

WHEEL NUTS, STUDS & CLAMPS

WHEEL NUTS 151

WHEEL STUDS 152

WHEEL CLAMPS 162

WHEEL RIMS & SPACERS

WHEEL RIMS 164

WHEEL SPACER 169

HUB CAPS, INTEGRATED HUBODOMETERS, HUBODOMETERS & HUB SEALS

HUB CAPS 170

INTEGRATED HUBODOMETERS 186

HUBODOMETERS 188

HUB SEALS 192

AXLE NUTS, WASHERS, CIRCLIPS, SPLIT PINS, SPRING RINGS & AXLE TOOLS

AXLE NUTS 196

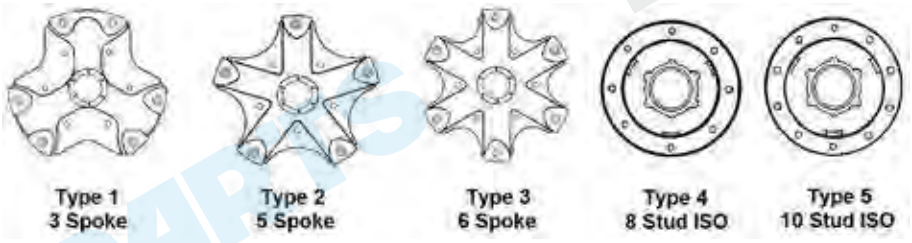
AXLE WASHERS 201

AXLES CIRCLIPS, SPLIT PINS & SPRING RINGS 202

AXLE TOOLS 204

TO VIEW THE DIGITAL VERSION OF THE PACCAR PARTS TRAILER CATALOGUE **SCAN HERE!**

DRUM BRAKE HUBS



Refer to the PACCAR Parts Trailer Parts Catalogue Volume 1 for Further Information on Hub, Drum or Disc Part Applications

TRANSPEC

PART NO.	DESCRIPTION	TYPE*	AXLE TYPE	VOLUME 1 PAGE
0327248880	Hub - 10/335 HZ91 D/ALU ECO Grease - 10 Stud, 335 mm PCD	5	BPW ECO Hub 10 Tonne 9110 HZA-ZM & HAS-SM Axle	53
0327247450	Hub - ECO P 10010 TK 285 Drum - 10 Stud, 285 mm PCD	5	BPW ECO Hub 10 Tonne 9110 HZA-ZM & HAS-SM Axle	53, 57, 63
0327243460	Hub - 10 Stud 335 PCD -D/AL Drum Push In - 10 Stud, 335 mm PCD	5	BPW ECO Plus Hub-H/R, KH 9 & 10-12 Tonne	57, 63
0327246282	Hub - 8 Stud 275 PCD - Dual Wheels - 8 Stud, 275 mm PCD	4	BPW ECO Plus Hub-H/R, KH 9 & 10-12 Tonne	57
0327246390	Hub - KH10 8 Stud 275 PCD -D/AL Drum - 8 Stud, 275 mm PCD	4	BPW ECO Plus Hub-H/R, KH 9 & 10-12 Tonne	57, 63
327227410	Hub - 10/225 D/ALU ECO NR/KH - 10 Stud, 225 mm PCD	5	BPW ECO Hub KH/KR Axle 19.5 360 x 200 mm Brakes	49

SAF Holland

PART NO.	DESCRIPTION	TYPE*	AXLE TYPE	VOLUME 1 PAGE
3307305200	Hub - INTRADRUM - 10 x 335 PCD - 10 Stud, 335 mm PCD	5	SAF Holland Z9-4218 NG Axle (Used on Intradrum) - Dual Wheels	181
3307305700	Hub - INTRADRUM - 10 x 285.75 PCD - 10 Stud, 285 mm PCD	5	SAF Holland Z9-4218 NG Axle (Used on Intradrum) - Dual Wheels	181
3307305001	Hub - 8 Stud 275 PCD - 8 Stud, 275 mm PCD	4	SAF Holland Z9-3720 - (Brake SNK 367 x 200) Axle - Dual Wheels	185
1398005600	Hub - 5 Spoke - 5 Stud	2	SAF Holland J-Series-K2 Spider Hub	189

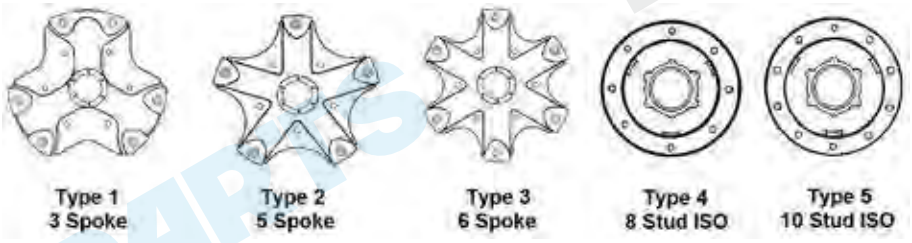
HENDRICKSON

The World Rides On Us®

PART NO.	DESCRIPTION	TYPE*	AXLE TYPE	VOLUME 1 PAGE
98818-057	Hub - Aluminium	5	Hendrickson 22.5 HP Drum PreSet 10 Stud 285 PCD	243
98818-055	Hub - Aluminium	4	Hendrickson 19.5 & 22.5 HN Drum PreSet 8 Stud 275 PCD	245
98818-056	Hub - Aluminium	5	Hendrickson 19.5 & 22.5 HN Drum PreSet 10 Stud 285 PCD	245
98818-058	Hub - Aluminium	5	Hendrickson 19.5 & 22.5 HN Drum PreSet 10 Stud 335 PCD	245
98818-059	Hub - ADI	5	Hendrickson 22.5 HP Drum PreSet 10 Stud 285 PCD	247
98818-060	Hub - Ductile Iron	5	Hendrickson 22.5 HP Drum PreSet 10 Stud 335 PCD	247
98818-064	Hub - ADI	5	Hendrickson 22.5 HXL2 & HXL5 Drum PreSet 10 Stud 285 PCD	249
98818-065	Hub - Ductile Iron	5	Hendrickson 22.5 HXL2 & HXL5 Drum PreSet 10 Stud 335 PCD	249
98818-049	Hub - ADI	5	Hendrickson 22.5 HXL7 Drum PreSet 10 Stud 285 PCD	251
98818-061	Hub - Ductile Iron	5	Hendrickson 22.5 HXL7 Drum PreSet 10 Stud 335 PCD	251

*** TYPE REFERS TO ABOVE ILLUSTRATION OF HUBS**

DRUM BRAKE HUBS



Refer to the PACCAR Parts Trailer Parts Catalogue Volume 1 for Further Information on Hub, Drum or Disc Part Applications

PART NO.	DESCRIPTION	TYPE*	AXLE TYPE	VOLUME 1 PAGE
KH3601/GF	Hub - 5 Spoke TN - 5 Stud	2	FUWA K Hitch KF22 & KF29 Drum Brake Axle	87, 277, 279, 287, 291, 295, 315, 325, 333, 337
KH3601/FF	Hub - 5 Spoke TP - 5 Stud	2	FUWA K Hitch KF22 & KF29 Drum Brake Axle	95, 103, 109, 339
KH3601-3011	Hub - 10 x 335 TN Short Stud - 10 Stud, 335 mm PCD	5	FUWA K Hitch KF22, KF29 & KF61 Drum Brake Axle	87
H31-0521	Hub - 10 x 285 Unitised Long Stud - 10 Stud, 285 mm PCD	5	FUWA K Hitch KF22 & KF29 Drum Brake Axle	99
KH3601-0101Z	Hub - 10 x 335 TP Long Stud - 10 Stud, 335 mm PCD	5	FUWA K Hitch KF21, KF22 & KF29 Drum Brake Axle	95, 103, 109
KH3601-0302	Hub - 10 x 285 TP Short Stud - 10 Stud, 285 mm PCD	5	FUWA K Hitch KF21, KF22 & KF29 Drum Brake Axle	95, 103, 109
KH3601-0302Z	Hub - 10 x 285 TP Long Stud - 10 Stud, 285 mm PCD	5	FUWA K Hitch KF21, KF22 & KF29 Drum Brake Axle	95, 103, 109
KH800229	Hub - 10 x 335 HD TN - 10 Stud, 335 mm PCD	5	FUWA K Hitch KF75 Drum Brake 150 Square HD Axle	111
KH3601/GF	Hub - 5 Spoke - 5 Stud	2	Dana Spicer D21, D22, K21 & K22 (420 x 180mm) Brakes Also suits Rockwell TN Axle 12-¼" x 7-½" & Fuwa K Hitch KF22 & KF29 Drum Brake Axle	87, 277, 279, 287, 291, 295, 315, 325, 333, 337
KH3601/FF	Hub - 5 Spoke - 5 Stud	2	Fruehauf Pro-Par Axle - 16-½" x 7" brakes	95, 103, 109, 339

YORK

PART NO.	DESCRIPTION	TYPE*	AXLE TYPE	VOLUME 1 PAGE
79787705	Hub - Steel 8 x 275 PCD (O/B) - 8 Stud, 275 mm PCD	4	York 2950 Drum Axles	165
79788805	Hub - Steel 10 x 335 PCD (M22) - 10 Stud, 335 mm PCD	5	York 2800 Heavy Duty Drum Axles	161
79787531	Hub - Steel 10 x 285 PCD - 10 Stud, 285 mm PCD	5	York 2782 / 2784 / RB / 2785 Stud Type Drum Axles	151
79792161	Hub - Steel 10 x 225 PCD (I/B) - 10 Stud, 225 mm PCD	5	York 2950 Drum Axles	165
7910008846	Hub - Alum 8 x 275 PCD (Preset) - 8 Stud, 275 mm PCD	4	York 2950 Drum Axles	165

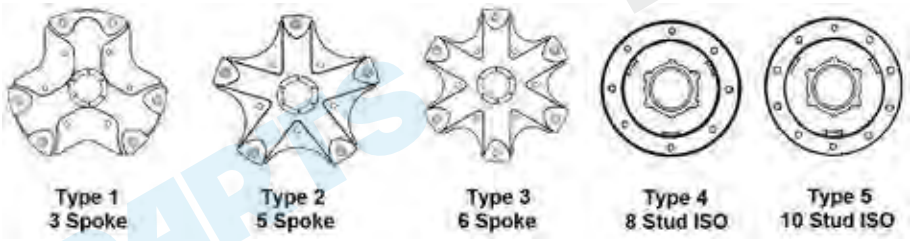
MERITOR

RUN WITH THE BULL

PART NO.	DESCRIPTION	TYPE*	AXLE TYPE	VOLUME 1 PAGE
T04-3361	Hub - 6 Spoke (No Longer Available) - 6 Stud	3	Rockwell TN Axle 12-¼" x 7-½"	181

*** TYPE REFERS TO ABOVE ILLUSTRATION OF HUBS**

DISC BRAKE HUBS



Refer to the PACCAR Parts Trailer Parts Catalogue Volume 1 for Further Information on Hub, Drum or Disc Part Applications

TRANSPEC

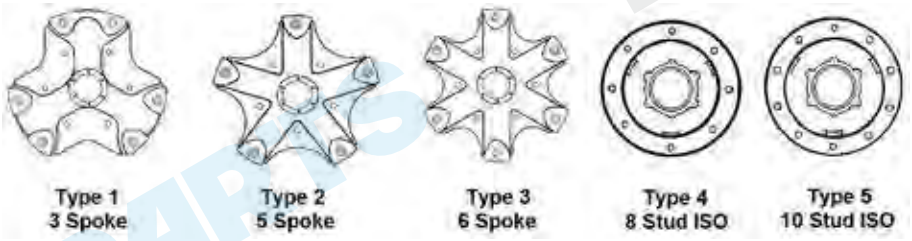
PART NO.	DESCRIPTION	TYPE*	AXLE TYPE	VOLUME 1 PAGE
0327246380	Hub - SKH10 8 Stud 275 PCD -D/AL Disc - 8 Stud, 275 mm PCD	4	BPW ECO Plus 3 Hub Disc Brake 10-12 Tonne	65
0327243470	Hub - SH101 10 Stud 335 PCD -D/AL Disc Push In - 10 Stud, 335 mm PCD	5	BPW ECO Plus 3 Hub Disc Brake 10-12 Tonne	59, 65
0327244510	Hub - NH101 10 Stud 225 PCD -D/AL - 10 Stud, 225 mm PCD	5	BPW ECO Plus 3 Hub Disc Brake 10-12 Tonne	65
0332876510	Hub - 3 Spoke Spider H/R10 - 6 Stud	1	BPW ECO Plus 3 Hub Disc Brake 10-12 Tonne	39, 63
0327232030	Hub - 10/335 Steel (Suits Press In Stud) - 10 Stud, 335 mm PCD	5	BPW ECO Hub Disc Brake -SH/SKH 9 Tonne	51, 55
0327232040	Hub - 10/335 Alloy (Suits Press In Stud) - 10 Stud, 335 mm PCD	5	BPW ECO Hub Disc Brake -SH/SKH 9 Tonne	55
0327228770	Hub - 10/285 Steel (Suits Back Nut Stud) - 10 Stud, 285 mm PCD	5	BPW ECO Hub Disc Brake -SH/SKH 9 Tonne	55
0327247440	Hub - 10 Stud 285 mm PCD	5	BPW ECO Plus 3 Hub Disc Brake 10-12 Tonne	59, 65

Fuwa
KHITCH

PART NO.	DESCRIPTION	TYPE*	AXLE TYPE	VOLUME 1 PAGE
H31-6101DB	Hub - 10 x 335 TN - 10 Stud, 335 mm PCD	5	FUWA K Hitch FB24 HD Disc Brake Axle Pan 22	131
H31-D201	Hub - 10 x 285 TP - 10 Stud, 285 mm PCD	5	FUWA K Hitch KF23 Disc Brake Axle Pan 22	127
FW336	Hub - 5 Spoke TP - 5 Stud	2	FUWA K Hitch KF26 & KF36 - Disc Brake Axle Pan 19	123
FW352	Hub - 5 Spoke Unitised - 5 Stud	2	FUWA K Hitch KF26 & KF36 - Disc Brake Axle Pan 19	
FW428	Hub - 8 x 275 TN - 8 Stud, 275 mm PCD	4	FUWA K Hitch KF26 & KF36 - Disc Brake Axle Pan 19	123
FW429	Hub - 10 x 285 TN - 10 Stud, 285 mm PCD	5	FUWA K Hitch KF26 & KF36 - Disc Brake Axle Pan 19	123
FW431	Hub - 10 x 285 TP - 10 Stud, 285 mm PCD	5	FUWA K Hitch KF26 & KF36 - Disc Brake Axle Pan 19	123
FW443	Hub - 10 x 335 TN - 10 Stud, 335 mm PCD	5	FUWA K Hitch KF26 & KF36 - Disc Brake Axle Pan 19	123
FW444	Hub - 10 x 335 Unitised - 10 Stud, 335 mm PCD	5	FUWA K Hitch KF26 & KF36 - Disc Brake Axle Pan 19	123
FW473	Hub - 10 x 285 Unitised - 10 Stud, 285 mm PCD	5	FUWA K Hitch KF26 & KF36 - Disc Brake Axle Pan 19	123
FW497	Hub - 8 x 275 Unitised - 8 Stud, 275 mm PCD	4	FUWA K Hitch KF26 & KF36 - Disc Brake Axle Pan 19	123

*** TYPE REFERS TO ABOVE ILLUSTRATION OF HUBS**

DISC BRAKE HUBS



Refer to the PACCAR Parts Trailer Parts Catalogue Volume 1 for Further Information on Hub, Drum or Disc Part Applications

SAF Holland

PART NO.	DESCRIPTION	TYPE*	AXLE TYPE	VOLUME 1 PAGE
3307304800	Hub - Integral - 8 x 275 PCD - 8 Stud, 275 mm PCD	4	SAF Holland ZI9-19W Axle - (Wabco Caliper Integral Rotor) - Dual Wheels	197
3307304900	Hub - Integral - 10 x 285 PCD - 10 Stud, 285 mm PCD	5	SAF Holland ZI9-19W Axle - (Wabco Caliper Integral Rotor) - Dual Wheels	197, 199, 203, 207
3307305500	Hub - Integral - 10 x 335 PCD - 10 Stud, 335 mm PCD	5	SAF Holland ZI9-19W Axle - (Wabco Caliper Integral Rotor) - Dual Wheels	197

YORK

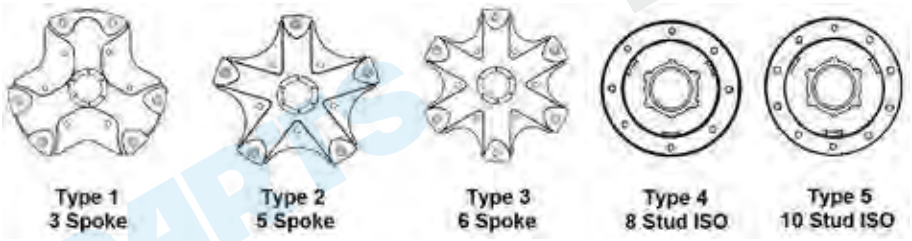
PART NO.	DESCRIPTION	TYPE*	AXLE TYPE	VOLUME 1 PAGE
79SB787348100	Hub - 10 x 335 TN - 10 Stud, 335 mm PCD	5	York 2980 P19 Disc Axles	173
79SB787326100	Hub - 8 x 275 TN - 8 Stud, 275 mm PCD	4	York 2980 P19 Disc Axles	173
79787328	Hub - 10 x 285 TN - 10 Stud, 285 mm PCD	5	York 2980 P19 Disc Axles	173

HENDRICKSON
The World Rides On Us®

PART NO.	DESCRIPTION	TYPE*	AXLE TYPE	VOLUME 1 PAGE
C-33874-4	Hub & Rotor Kit	4	Hendrickson 19.5 & 22.5 Conventional HN Disc Brake 8 Stud 275 PCD	261
C-34578-4	Hub & Rotor Kit	5	Hendrickson 19.5 & 22.5 Conventional HN Disc Brake 10 Stud 335 PCD	261
98801-076	Hub & Rotor Kit ComMet Aluminium Hub	5	Hendrickson 22.5 PreSet HN Disc Brake 10 Stud 285 PCD	263
98818-066	Hub & Rotor Kit ComMet Aluminium Hub	5	Hendrickson 19.5 & 22.5 HXL2 & HXL5 HN Disc Brake 10 Stud 285 PCD	265
98818-067	Hub & Rotor Kit Ductile Iron Aluminium Hub	5	Hendrickson 19.5 & 22.5 HXL2 & HXL5 HN Disc Brake 10 Stud 335 PCD	265
98818-068	Hub & Rotor Kit Ductile Iron Aluminium Hub	4	Hendrickson 19.5 & 22.5 HXL2 & HXL5 HN Disc Brake 8 Stud 275 PCD	265
98818-062	Hub & Rotor Kit	5	Hendrickson 19.5 & 22.5 HLX7 HP Disc Brake 10 Stud 285 PCD	267
98818-063	Hub & Rotor Kit	5	Hendrickson 19.5 & 22.5 HLX7 HP Disc Brake 10 Stud 335 PCD	267
98818-069	Hub & Rotor Kit	5	Hendrickson 19.5 & 22.5 HLX7 HP Disc Brake 10 Stud	267

*** TYPE REFERS TO ABOVE ILLUSTRATION OF HUBS**

HUB & DRUM ASSEMBLIES

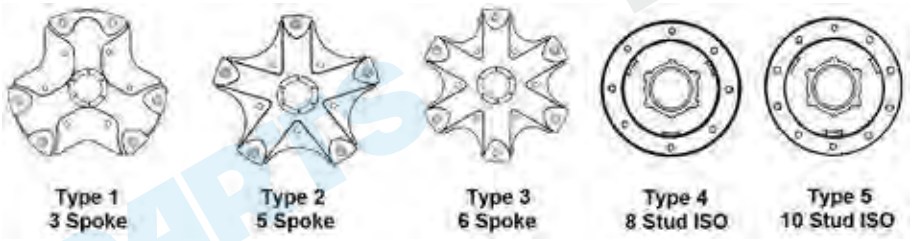


Refer to the PACCAR Parts Trailer Parts Catalogue Volume 1 for Further Information on Hub, Drum or Disc Part Applications

PART NO.	DESCRIPTION	TYPE*	AXLE TYPE	VOLUME 1 PAGE
KH3600-0103Z	Hub & Drum Assembly – Long Stud - 10 Stud	5	FUWA K Hitch KF21 HD Drum Brake Axle (22.5")	93, 103, 107
KH3600-0303Z	Hub & Drum Assembly – Long Stud - 10 Stud	5	FUWA K Hitch KF21 HD Drum Brake Axle (22.5")	93, 103, 107
KH3600-3008	Hub & Drum Assembly – Short Stud - 10 Stud	5	FUWA K Hitch KF22 & KF29 Drum Brake Axle (22.5") - TN	87
KH3601-3010	Hub & Drum Assembly – 10 x 285 TN – Short Stud - 10 Stud, 285 mm PCD	5	FUWA K Hitch KF22 & KF29 Drum Brake Axle (22.5") - TN	87, 119
KH3601-3010Z	Hub & Drum Assembly – 10 x 285 ISO Steel - 10 Stud, 285 mm PCD	5	FUWA K Hitch KF22 & KF29 Drum Brake Axle (22.5") - TN	87, 119
H30-9901	Hub & Drum Assembly - Short Stud - 8 Stud	4	FUWA K Hitch KF37 Drum Brake Axle (19.5") - TN	83
H31-9901Z	Hub & Drum Assembly – Long Stud - 8 Stud	4	FUWA K Hitch KF37 Drum Brake Axle (19.5") - TN	83
H30-9901Z	Hub & Drum Assembly - Long Stud - 8 Stud	4	FUWA K Hitch KF37 Drum Brake Axle (19.5") - TN	83
KH3600/GF	Hub & Drum Assembly - 5 Stud	2	Dana Spicer D21, D22, K21 & K22 (420 x 180 mm) Brakes	87, 277, 279, 287, 291, 295, 325, 315, 333, 337
001-70003	Hub & Drum Assembly - 3 Spoke - 6 Stud	1	Dana Spicer Late/Standard Forge - 12-¼" x 7-½" Brakes (Fabricated Shoes)	79
KH3600/FF	Hub & Drum Assembly - 5 Spoke - 5 Stud	2	Fruehauf Pro-Par Axle - 16-½" x 7" Brakes	93, 103, 107, 339
KH3601-0302Z	Hub & Drum Assembly – 10 x 285 ISO Steel - 10 Stud, 285 mm PCD	5	TMC Hub Drum Brake Axle TP Model 245-167 (16.5" x 7")	95, 103

*** TYPE REFERS TO ABOVE ILLUSTRATION OF HUBS**

HUB & DRUM ASSEMBLIES



Refer to the PACCAR Parts Trailer Parts Catalogue Volume 1 for Further Information on Hub, Drum or Disc Part Applications

HENDRICKSON
The World Rides On Us®

PART NO.	DESCRIPTION	TYPE*	AXLE TYPE	VOLUME 1 PAGE
98792-013	Hub & Drum Assembly - 5 Stud	2	Hendrickson 15 & 16.5 Drum Foundation Brake	233, 241

MERITOR
RUN WITH THE BULL

PART NO.	DESCRIPTION	TYPE*	AXLE TYPE
T04-3319M	Hub & Drum Assembly - GP - 5 Stud	2	Meritor TN/TQ Axle - Fabricated Brake Spider - 16-½" x 7" Brakes (98792-013 No Longer Available - Hub Only superseded by KH3601/GF)

SAF Holland

PART NO.	DESCRIPTION	TYPE*	AXLE TYPE	VOLUME 1 PAGE
79SB792313	Hub & Drum Assembly - Spider - 6 Stud	1	York 2783 Drum Axles (TMC Hub)	157

*** TYPE REFERS TO ABOVE ILLUSTRATION OF HUBS**

DUST COVERS



HENDRICKSON TYPE

HENDRICKSON
The World Rides On Us®

HENDRICKSON DRUM BRAKE DUST COVERS				
PART NO.	**DESCRIPTION**	**AXLE MODEL**	**QTY/AXLE**	**COMMENTS**
S-28500-1550	Brake Dust Shield Kit 15" x 5" Axle	Q-Brake - 15" & 16.5" Drum Brake	2	Includes dust shield, clamp, grommet & inspection plugs
S-28500-1650	Brake Dust Shield Kit 16.5" x 5" Axle	P-Brake - 16.5" Drum Brake	2	
S-28500-1657	Brake Dust Shield Kit 16.5" x 5.75" Axle	P-Brake - 16.5" Drum Brake	2	

HENDRICKSON DISC BRAKE DUST COVERS				
PART NO.	**DESCRIPTION**	**AXLE MODEL**	**QTY/AXLE**	**COMMENTS**
S-28570-3750	Kit, Clamp On Type Dust Shield – Disc Brake	Disc Brake Caliper & System Wabco HTD-377mm – 19.5	2	Suits 127 mm (5") Axle, includes Clamp
S-28570-4350	Kit, Dust Shield – Disc Brake	Disc Brake Caliper & System Knorr-Bremse – 22.5	2	Suits 127 mm (5") Axle, includes Clamp
S-28570-4357		Disc Brake Caliper & System Knorr-Bremse – 22.5	2	Suits 146 mm (5.75") Axle, includes Clamp
S-35720-4415		Disc Brake Caliper & System MAXX22T HDT-415mm – 22.5	2	Includes Bolts & Washers
S-36224-4375		Disc Brake Caliper & System Wabco HTD-377mm – 19.5	2	Bolt on type, includes Bolts & Washers
S-36224-4430	Kit, Dust Shield – Bolt-On Disc Brake	Disc Brake Caliper & System Wabco HTD-430mm – 22.5	2	Bolt on type, includes Bolts & Washers

YORK

YORK DRUM BRAKE DUST COVERS			
PART NO.	**DESCRIPTION**	**AXLE MODEL**	**QTY/AXLE**
79501576	Dust Cover - RH	2783 Drum Axles	2
79501577	Dust Cover - LH	2783 Drum Axles	2
79506414	Dust Cover - LH & RH	2950 Drum Axles	4
79786335	Dust Cover - Lower	2682 / RB / 2685 Outback Stud Type Drum Axles	2
79786336	Dust Cover - Upper	2682 / RB / 2685 Outback Stud Type Drum Axles	2
79790069	Dust Cover - LH (8021/8003)	2800 Heavy Duty Drum Axles	2
79790070	Dust Cover - RH (8021/8003)	2800 Heavy Duty Drum Axles	2
49FHM08125016	Screw Dust Cover M8x16	2783, 2950, 2682, 2685, 2800 Axles	12
79500848	Plug Dust Cover	2783, 2682, 2685, 2800 Axles	2

DUST COVERS



SAF HOLLAND TYPE

SAF HOLLAND DRUM BRAKE DUST COVERS

PART NO.	DESCRIPTION	AXLE MODEL	QTY/AXLE	COMMENTS
3005017300	Dust Cover Kit	Z9-4218 NG Axle (Used on Intradrum) - Dual Wheels	2	Inc Mounting Hardware
3005021900		J-Series-K2 Hub (10 x 285.75PCD)	2	
3005017100		Z9-3720 - (Brake SNK 367 x 200) Axle - Dual Wheels	2	

MERITOR DRUM BRAKE DUST COVERS

PART NO.	DESCRIPTION	AXLE MODEL	QTY/AXLE	COMMENTS
T02-5100	Dust Cover	ARN/ATN, 4000/6000, RN/TN,	2	Same as Early GP AXLE
21008062		TN/TM Axle with Cast Spiders to June 1991	2	
21008063		TN/TM Axle with Cast Spiders to June 1991	2	
21205639	Seal Dust Cover	TN/TM Axle with Cast Spiders to June 1991	2	
21220647	Dust Cover	TE/TN/TM Axle with Fabricated Spider from June 1991	2	
21220648		TE/TN/TM Axle with Fabricated Spider from June 1991	2	
21224522		TM Axle with Fabricated Brake Spider from Aug 1997	2	
15224518	Dust Cover Filler Plate	TM Axle with Fabricated Brake Spider from Aug 1997	2	Used with 21224522
E-9095A	Dust Cover Kit	TN/TQ Axle - Fabricated Brake Spider	2	Inc Hardware, Fits Most Meritor Axles with Fabricated Brake Spider

GERMAN ENGINEERING

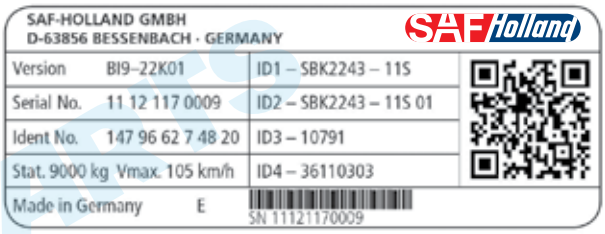
SAF-Holland Group

Tried, Tested and Proven in the Australian Market



Our suspension systems have leading-edge technology that greatly enhance product value and service life to the end-user. Backed with exemplary service support and the best warranty in the market, you can depend on SAF-HOLLAND to keep you on the road to success.

Type plate: Identifying the axle





Identification if the type plate is missing:
The Serial No. of the axle is embossed in the axle end on the right-hand side (as seen in the direction of travel).



INTRA
AIR SUSPENSION SYSTEM



MODUL
AIR SUSPENSION SYSTEM

Visit **www.safholland.com.au** and go to ***Aftermarket*** → ***Parts On Demand*** to view spare parts and part numbers online.

The SAF-HOLLAND Spare Parts Catalogue available online.



www.safholland.com.au

SAF-HOLLAND (Aust) Pty Ltd
Sales: 1300 131 613
Email: sales@safholland.com.au

SAF-HOLLAND is one of the leading global manufacturers and suppliers of high-quality axles and suspension systems, fifth wheels, kingpins, coupling products and landing gear to the commercial vehicles industry.

SAF Holland NEWAY KL V.ORLANDI YORK

DUST COVERS



EARLY GP AXLE TYPE

EARLY GP AXLE DUST COVERS			
PART NO.	**DESCRIPTION**	**AXLE MODEL**	**QTY/AXLE**
T02-5100	Dust Cover	Dana, Meritor, Fruehauf, McGrath, Freighter, KIC,Haulmark	2

FUWA K HITCH DRUM BRAKE DUST COVERS			
PART NO.	**DESCRIPTION**	**AXLE MODEL**	**QTY/AXLE**
H18-0101	Dust Cover	KF12, KF21, KF22, KF29, KF61 Drum Brake Axle	2
H18-0104		KF75, KF85 Drum Brake 150 HD Axle	2
H18-0204		KK44 Drum Brake Axle (Low Loader)	2
H18-0401		KF37 Drum Brake Axle (19.5")	2
M8X16X1.75	Bolt	All Axle Models	12
KH800055	Spring Washer	All Axle Models	12

DUST COVERS



TRANSPEC

SUITS 4218 BRAKES						
LEFT UPPER	LEFT LOWER	RIGHT UPPER	RIGHT LOWER	BRAKE TYPE	S CAM POSITION	AXLE TYPE
0301098451	0301098080	0301098461	0301098090	Pre BPW Brake 95	30°	Square Beam 120mm
0301099340	0301099330	0301099360	0301099350		16°	
0301098910	0301098120	0301098920	0301098130		25°	Square Beam 150mm
0301098690	0301098060	0301098700	0301098050		30°	Round Beam 127mm
0301081030	0301081040	0301081010	0301081020	BPW Brake 95	30°	Square Beam 120mm
0301081310	0301081320	0301081290	0301081300		16°	
0301081350	0301081360	0301081330	0301081340		25°	Square Beam 150mm
0301081070	0301081080	0301081050	0301081060		30°	Round Beam 127mm
0301081310 (1)	0301081320 (1)	0301081290 (1)	0301081300 (1)	BPW Eco Drum	16°	Square Beam 120mm
0301071930 (2)	0301071940 (2)	0301071910 (2)	0301071920 (2)		16°	
0301071970 (2)	0301071980 (2)	0301071950 (2)	0301071960 (2)		25°	Square Beam 150mm

SUITS 4218 BRAKE HARDWARE				
PART NO.	DESCRIPTION	QTY/AXLE	DIMENSIONS	COMMENTS
0339711020	Retaining Spring	2		ECO Drum / Beam
0250715580	Bolt Dust Cover Self Locking	2	M10 x 1.5 x 15	ECO Drum / Beam
0250712200	Bolt Dust Cover Self Locking	4	M10 x 18	NON ECO Drum Beam
0237043300	Plug, No ABS	2	10.7mm Diameter	Pre BPW Brake 95
0237045700	Plug, No ABS	2	22mm Diameter	Brake 95 & ECO Drum
0312023060	O'Ring Seal	2	68mm OD x 52mm ID	On S-Cam
0512130060	Seal - Dust cover to Axle	2	340mm long x 8mm	120mm SQ & 127mm Round for all brake types
0512130070	Seal - Dust cover to Axle	2	450mm long x 8mm	150mm SQ Axle
0337900230	Plug Rubber Backing Plate	4		Rectangular

DUST COVERS



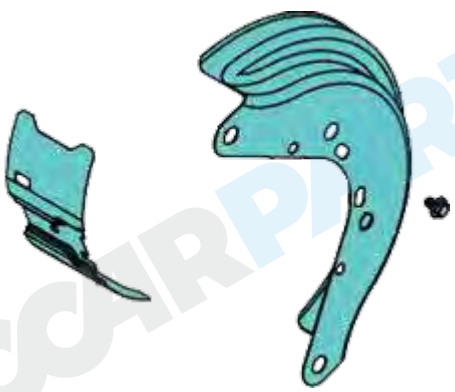
TRANSPEC

SUITS 3620 BRAKES							
LEFT UPPER	LEFT LOWER	RIGHT UPPER	RIGHT LOWER	BRAKE TYPE	S CAM POSITION	AXLE TYPE	QTY/AXLE
0301096670	0301096680	0301096700	0301096690	Pre BPW Brake 95	0°	Square Beam 120mm	1
0301099790	0301099800	0301099770	0301099780	BPW Brake 96	0°	Square Beam 120mm	1

SUITS 3020 BRAKES							
LEFT UPPER	LEFT LOWER	RIGHT UPPER	RIGHT LOWER	BRAKE TYPE	S CAM POSITION	AXLE TYPE	QTY/AXLE
0301096800	0301096790	0301096820	0301096810	Pre BPW Brake 95	0°	Round Beam 127mm	1

SUITS 3620 & 3020 BRAKE HARDWARE				
PART NO.	DESCRIPTION	QTY/AXLE	DIMENSIONS	COMMENTS
0250712200	Bolt dust cover self locking	8	M10 x 18	
0237043300	Plug no ABS	2	10.7mm Diameter	
0512130060	Seal - Dust cover to Axle	2	340mm long x 8mm	120mm SQ & 127mm Round for all brake types
0337900230	Plug rubber backing plate	4		Rectangular

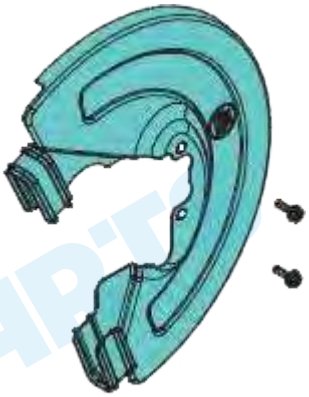
DUST COVERS



SB3745



SB3745T & SB4309T



TSB3709 & TSB4309

TRANSPEC

BPW DISC BRAKE AXLE DUST COVERS & HARDWARE				
PART NO.	**DESCRIPTION**	**QTY/AXLE**	**DIMENSIONS**	**COMMENTS**
0301091530	Dust Cover	2	SB3745 Axial	
0301091740		2	SB3745T Tangential	
0301091760		2	SB4309T Tangential	
0301071590	Dust Cover LH	1	TSB3709	
0301071600	Dust Cover RH	1	TSB3709	
0301071610	Dust Cover LH	1	TSB4309	
0301071620	Dust Cover RH	1	TSB4309	
0250712200	Retainer Bolt M10 x 15	2	All	2- Axial
0250712200	Retainer Bolt M10 x 15	4	All	4 -Tangential & TSB
0301095210	Pad Shield	2	3745	

BEARING SETS



CUP AND CONE				
SET NO.	APPLICATION	I.D.	O.D.	HIGH PERF. VERSION
32310	9T BPW Trailer Outer	50mm	110mm	
33116	9T BPW Trailer Inner	80mm	130mm	
33118	10T BPW Trailer Inner	90mm	150mm	SET 998
33213	10T BPW Trailer Outer	65mm	120mm	SET 997

BEARING CHOICES		
BRAND	PREFIX	SUFFIX
TRP*	TRP	
Timken		T1M
SKF		SKF
Meritor	MER	

CUP AND CONE						
SET NO.	APPLICATION	CONE	CONE I.D.	CUP	CUP O.D.	HIGH PERF. VERSION
SET413*	GP Trailer Inner	HM212049	66.675mm	HM212011	122.238mm	SET440
SET414*	GP Trailer Outer	HM218248	89.974mm	HM218210	146.975mm	SET441
SET415*	Propar Trailer Inner/Outer	HM518445	88.90mm	HM518410	152.40mm	SET444
SET427	GP Trailer Inner Set Right	NP899357	66.67mm	NP026773	122.23mm	SET603
SET431	GP Trailer Inner Set Right	NP965350	89.97mm	NP503727	146.97mm	SET602
SET432	Propar Trailer Inner/Outer Set Right Pre-Adjust	NP174964	88.90mm	NP593561	152.40mm	SET604



Fuwa
KHITCH

UNITISED BEARING CARTRIDGE				
SET NO.	AXLE TYPE	COMMENT	DIMENSIONS	BEARING TYPE
BTH-0055D	KF12	9T	Width: 115 mm, ID: 82 mm, OD: 140 mm	Unitised
BTH-0500	KF22-KF29	11T	Width: 125 mm, ID: 90 mm, OD: 160 mm	Unitised

I.D. - INSIDE DIAMETER O.D. - OUTSIDE DIAMETER PERF. - PERFORMANCE

BEARING KITS



TRANSPEC

BPW BEARINGS & SEAL KITS

Kit includes: All required bearings, hub seals, dust cover bearing shields, thrust washers, washers, dust seals, o'rings & seal carriers. Kits to repair one hub.

PART NO.	APPLICATION	SEAL CARRIER INCLUDED?
0980102180TSSCO	To Suit 10 Tonne Non ECO Oil Hub	Y
0980102180TSSC	To Suit 10 Tonne Non ECO Grease Hub	Y
0980102170TSCC	To Suit 9 Tonne Non ECO Grease Hub	Y
0980102720TS	To Suit 9 Tonne ECO Grease Hub	N
0980102720TSSC	To Suit 9 Tonne ECO Grease Hub	Y
0980106890TS	To Suit 10 Tonne ECO Grease Hub	N
0980106890TSSC	To Suit 10 Tonne ECO Grease Hub	Y
0980106360TS	To Suit 9 Tonne ECOPlus Grease Hub	N
0980107040TS	To Suit 10 Tonne ECOPlus Grease Hub	N
0980107040TSSC	To Suit 10 Tonne ECOPlus Grease Hub	Y
0980107050TS	To Suit 10 Tonne ECOPlus 3 Grease Hub	N
0980107050TSSC	To Suit 10 Tonne ECOPlus 3 Grease Hub	Y

Please note: These kits do not include hubcaps, axle nuts or circlips

BPW WHEEL END KITS

Kit includes: All required bearings, hub seals, dust cover bearing shields, thrust washers, washers, dust seals, o'rings, seal carriers, axle nut kit & BPW ECO-LiPlus grease 450g cartridge. Kit to repair one hub.

PART NO.	APPLICATION	SEAL CARRIER INCLUDED?
0980107040TSSCT	To Suit 10 Tonne ECOPlus Grease Hub	Y
0980107050TSSCT	To Suit 10 Tonne ECOPlus 3 Grease Hub	Y

BEARING KITS



HENDRICKSON
The World Rides On Us®

HENDRICKSON BEARINGS & SEAL KITS		
PART NO.	**APPLICATION**	**INCLUSIONS**
97098-002	Preset HN Drum & Disc Brake Wheel End – 19.5" & 22.5"	Bearings, Spacer, Gasket & Seal
97098-003	Preset HP Drum Brake Wheel End – 22.5"	Bearings, Spacer, Gasket & Seal
98800-010	Conventional HN Drum & Disc Brake Wheel End – 19.5" & 22.5"	Bearings, Gasket & Seal
98800-011	Conventional HP Drum Brake Wheel End – 22.5"	
98801-067	HXL2 & HXL5 HP Drum Brake Wheel End – 22.5"	
98801-074	HXL2 & HXL5 HN Drum & Disc Brake Wheel End – 19.5" & 22.5"	
98801-075	HXL7 HP Drum & Disc Brake Wheel End – 22.5"	



SAF Holland

SAF HOLLAND BEARINGS & SEAL KITS		
PART NO.	**APPLICATION**	**DESCRIPTION**
3434301600	J-Series-K2 Hub 10x285 & Spider Hub	Bearing & Seal Kit
3434301700	J-Series-K2 Hub 10x285 & Spider Hub	
3434301918	Z9-4218 NG Axle (used on Intradrum) – Dual Wheels	
3434302218	ZI9-19W Axle - (Wabco Caliper INTEGRAL rotor) – Dual Wheels	Intra Integral Bearing & Seal Kit
	ZI9-22K01 - (Brake SBK 2243-11S) – SK7 – Dual Wheels	Repair Kit Wheel Bearing
	ZIL9-19W - (Brake SBW PAN 19-1) Steer Axle – Dual Wheels	Repair Kit Wheel Bearing
4200006000	J-Series-K2 Hub 10x285 & Spider Hub	Outer Wheel Bearing 33213
4200100600	J-Series-K2 Hub 10x285 & Spider Hub	Inner Wheel Bearing 218248/210

BEARING KITS



TIMKEN
Stronger. By Design.

TIMKEN BEARING KITS					
KIT PART NO.	**APPLICATION**	**QTY/KIT**	**PART**	**DESCRIPTION**	**SET NO.**
WBK1TST0	G.P Trailer Axle Oil & Grease Hub	1	HM218248	Inner Cone	Set 414
		1	HM218210	Inner Cup	
		1	HM212049	Outer Cone	Set 413
		1	HM212011	Outer Cup	
		1	373-0143	Stemco Voyager Hub Seal	
WBK1TSTG	G.P Trailer Axle Grease Hub	1	HM218248	Inner Cone	Set 414
		1	HM218210	Inner Cup	
		1	HM212049	Outer Cone	Set 413
		1	HM212011	Outer Cup	
		1	STM-0743G	Stemco Grease Hub Seal	
WBK1TCR	G.P Trailer Axle Oil & Grease Hub	1	HM218248	Inner Cone	Set 414
		1	HM218210	Inner Cup	
		1	HM212049	Outer Cone	Set 413
		1	HM212011	Outer Cup	
		1	46305S	CR Hub seal	
WBK1TCRP	G.P Trailer Axle Oil & Grease Hub	1	HM218248	Inner Cone	Set 414
		1	HM218210	Inner Cup	
		1	HM212049	Outer Cone	Set 413
		1	HM212011	Outer Cup	
		1	46300	CR 'XL' Hub Seal	
WBK2PST	Propar Axle Oil & Grease Hub	2	HM518445	Inner & Outer Cone	Set 415
		2	HM528410	Inner & Outer Cup	
		1	373-0123	Stemco Voyager Hub Seal	
WBK2PSG	Propar Axle Grease Hub	2	HM518445	Inner & Outer Cone	Set 415
		2	HM528410	Inner & Outer Cup	
		1	307-0723	Stemco Guardian Hub Seal	
WBK2PSTG	Propar Axle Grease Hub	2	HM518445	Inner & Outer Cone	Set 415
		2	HM528410	Inner & Outer Cup	
		1	STM-0723TGS	Stemco Grease Hub Seal	
WBK2PCR	Propar Axle Oil & Grease Hub	2	HM518445	Inner & Outer Cone	Set 415
		2	HM528410	Inner & Outer Cup	
		1	42623S	CR Hub seal	
WBK2PCRP	Propar Axle Oil & Grease Hub	2	HM518445	Inner & Outer Cone	Set 415
		2	HM528410	Inner & Outer Cup	
		1	42627	CR 'XL' hub seal	

BEARING KITS



TIMKEN
Stronger. By Design.

TIMKEN SET RIGHT PRE-ADJUSTED BEARING KITS

KIT PART NO.	APPLICATION	QTY/KIT	PART	DESCRIPTION	SET NO.	SPACER INCLUDED?
WBK6TST	G.P Trailer Axle Oil & Grease Hub	1	NP965350	Inner Cone	Set 431	Yes
		1	NP503727	Inner Cup		
		1	NP899357	Outer Cone	Set 427	
		1	NP026773	Outer Cup		
		1	373-0143	Stemco Grease Hub Seal		
WBK6TSG	G.P Trailer Axle Grease Hub	1	NP965350	Inner Cone	Set 431	Yes
		1	NP503727	Inner Cup		
		1	NP899357	Outer Cone	Set 427	
		1	NP026773	Outer Cup		
		1	STM-0743G	Stemco Grease Hub Seal		
WBK6TCRP	G.P Trailer Axle Oil & Grease Hub	1	NP965350	Inner Cone	Set 431	Yes
		1	NP503727	Inner Cup		
		1	NP899357	Outer Cone	Set 427	
		1	NP026773	Outer Cup		
		1	46305S	CR Hub Seal		
WBK9PST	Propar Axle Oil & Grease Hub	2	NP174964	Inner Cone	Set 432	Yes
		2	NP593561	Inner Cup		
		1	373-0123	CR 'XL' Hub Seal		
WBK9PSG	Propar Axle Grease Hub	2	NP174964	Inner & Outer Cone	Set 432	Yes
		2	NP593561	Inner & Outer Cup		
		1	307-0723	Stemco Guardian Hub Seal		
WBK9PSTG	Propar Axle Grease Hub	2	NP174964	Inner & Outer Cone	Set 432	Yes
		2	NP593561	Inner & Outer Cup		
		1	STM-0723TGS	Stemco Grease Hub Seal		
WBK9PCR	Propar Axle Oil & Grease Hub	2	NP174964	Inner & Outer Cone	Set 432	Yes
		2	NP593561	Inner & Outer Cup		
		1	42623S	CR Hub Seal		
WBK9PSRP	Propar Axle Oil & Grease Hub	2	NP174964	Inner & Outer Cone	Set 432	Yes
		2	NP593561	Inner & Outer Cup		
		1	42627	CR 'XL' Hub Seal		

BEARING KITS



TRP BEARINGS & SEAL KITS					
TRP PART NO.	**DESCRIPTION**	**SKF PART NO.**	**COMPONENT**	**QTY**	**KIT INCLUSIONS**
TRP5821	GP Trailer Axle BRGS/Std Seal/HCAP Kit	VKBA 5762 PC	Bearing	1	BT1-0826
			Bearing	1	BT1-0827
			Seal	1	531922-98
			Hub Cap	1	1643
TRP5822	GP Trailer Axle BRGS/Std Seal/HCAP Kit	VKBA 5763 PC	Bearing	1	VKHB 2702
			Bearing	1	VKHB 2720
			Seal	1	46303
			Hub Cap	1	1343
MORE TRP KITS TO SUIT STEER & DRIVE AXLES					
TRP5807	Drive Axle BRGS/Hi Temp Seal Kit	VKBA 5757PC	Bearing	1	594 A/592 A
			Bearing	1	580/572/Q
			Seal	1	47693
TRP5806	Drive Axle BRGS/Std Seal Kit	VKBA 5758 PC	Bearing	1	594 A/592 A
			Bearing	1	580/572/Q
			Seal	1	47697
TRP5802	Steer Axle BRGS/Std Seal/HCAP Kit	VKBA 5759 PC	Bearing	1	BT1-0827
			Bearing	1	45280/45220/VA6482
			Seal	1	35066
			Hub Cap	1	1613CR
TRP5820	Steer Axle BRGS/Std Seal/HCAP Kit	VKBA 5760 PC	Bearing	1	BT1-0827
			Bearing	1	3782/3720/Q
			Seal	1	35066
			Hub Cap	1	1644
TRP5805	Steer Axle BRG/Std Seal/HCAP Kit	VKBA 5761 PC	Bearing	1	6461A/6420
			Bearing	1	555S/552A
			Seal	1	43764
			Hub Cap	1	1613CR

All TRP bearings and bearing kits are proudly sourced and contain quality SKF components. SKF are the world's largest bearing manufacturer.

BEARING KITS



SKF BEARING KITS							
PART NO.	APP.	INCLUDED SCOTSEAL		ALT PART	LUBRICATION	INNER BEARING	OUTER BEARING
VKBA5809	Trailer	46305	Classic	WBK1TCR	Oil/Grease	HM218248/ W/2A/210/2A/Q	HM212049/011
VKBA5810		46300	Plus XIL	WBK1TCRP	Oil/Grease	HM218248/ W/2A/210/2A/Q	HM212049/011
VKBA5811		46303	Pro	MACK 12	Oil/Grease	HM218248/ W/2A/210/2A/Q	HM212049/011
VKBA5812	Propar	42623	Classic	WBK2PCR	Oil/Grease	HM518445/410	HM518445/410
VKBA5813	Propar	42627	Plus XL	WBK2PCRP	Oil/Grease	HM518445/410	HM518445/410



CONMET PRESET KITS		
AXLE TYPE		DESCRIPTION
TN	TP	
CM10081521	CM10081522	Hub Seal & Spacer Kit
CM10081730	CM10081731	Hub Rebuild Kit (Includes Wheel Seal, Bearing Set & Spacer)

REMOVAL/INSTALLATION TOOLS

BEARING CUP REMOVER KIT

PART NO.	SUITABLE FOR BEARING CUPS
 GP-TBS-200	HM218210
	HM212011
	33118
	33213
	592
	572

BEARING CUP INSTALLATION KIT

PART NO.	SUITABLE FOR BEARING CUPS
 GP-TBS-100	HM218210
	HM212011
	33118
	33213
	592
	572

INDIVIDUAL REMOVER HEADS

PART NO.	SUITABLE FOR BEARING CUPS	
GP-3720-2	3720	Remover Head Only
GP-45220-2	45220	
GP-552A-2	552A	
GP-6420-2	6420	
GP-32310-2	32310	
GP-2011-2	HM212011	
GP-572-2	572	
GP-592-2	592	
GP-8210-2	HM218210	

INDIVIDUAL INSTALLATION HEADS

PART NO.	SUITABLE FOR BEARING CUPS	
GP-3720-1	3720	Installation Head Only
GP-45220-1	45220	
GP-552A-1	552A	
GP-6420-1	6420	
GP-32310-1	32310	
GP-2011-1	HM212011	
GP-572-1	572	
GP-592-1	592	
GP-8210-1	HM218210	
GP-33116-1	33116	

BEARING CUP REMOVER KIT	BEARING GREASE PACKER	END PLAY GAUGE
 321095	 T13-BP1	 BK211
Universal Bearing Cup Installer	Universal grease packer will suit most industry roller bearings	

BEARING GREASE

Castrol

PART NO.		DESCRIPTION	COMMENTS
CAS3364327		Spheerol EPL 2 450g	Suitable for general chassis greasing
CAS3364325		Spheerol EPL 2 2.5kg	
CAS3364326		Spheerol EPL 2 20kg	
CAS3377124		Premium Heavy Duty 450g	Suitable for general purpose chassis, universal joints, wheel bearings, shackles, pins & turntables
CAS3377122		Premium Heavy Duty 2.5kg	
CAS3377123		Premium Heavy Duty 20kg	
CAS3377125		Premium Heavy Duty 55kg	
CAS3377121		Premium Heavy Duty 180kg	
CAS3410566		Spheerol SY 2202 20kg	Synthetic Base Fluid Top end performance for bearings with high & low temperature fluctuations High load capability & corrosion protection Outstanding performance where disc brakes are in use
CAS3424677		Spheerol SY 2202 165kg	

BEARING GREASE

TRANSPEC

PART NO.		DESCRIPTION	COMMENTS
0210404500-450		BPW ECO-Li-Plus 450g	▌Semi Sythentic grease with low friction & long life with excellent resistance to water ingress
0210404700		BPW ECO-Li-Plus 5kg	
0210404900-20		BPW ECO-Li-Plus 20kg	
0210404400		BPW ECO-Li-Plus 180kg	

TIMKEN

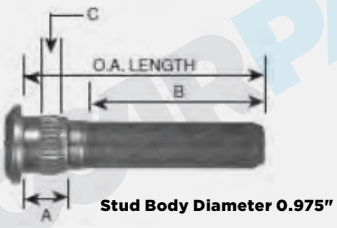
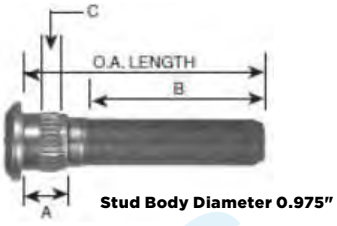
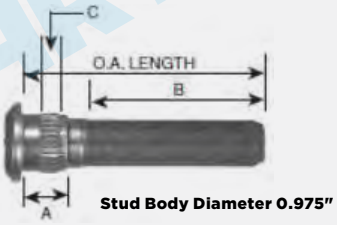
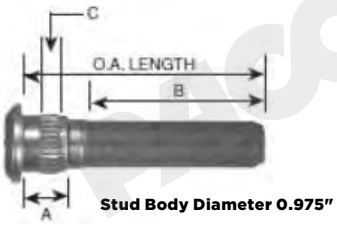
Stronger. By Design.

PART NO.		DESCRIPTION	COMMENTS
GR217C		Bearing Grease 400g	▌NLGI No. 2 lithium-complex thickener that resists softening & provides mechanical stability required for demanding applications
GR217P		Bearing Grease 16kg	
GR217K		Bearing Grease 55kg	
GR217D		Bearing Grease 180kg	

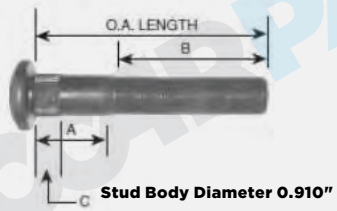
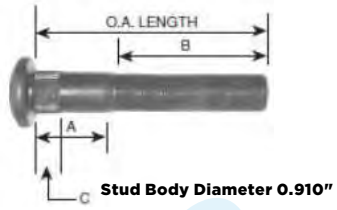
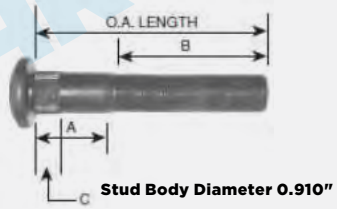
WHEEL NUTS

PART NO.		THREAD	NUT A/F	NUT	OVERALL LENGTH	APPLICATION
	T04-6002	¾" - 10 TPI	1-¼"	32mm	¾" 19mm	Suits Stud T04-6001
	T04-6005	¾" - 12 TPI	1-⅛"	29mm	1" 25mm	Suits Stud T04-6004
	T04-6007AU	⅝" - 11 TPI	1-3⁄16"	30mm	¾" 19mm	Suits Stud T04-6003
	T04-6008AU	⅝" - 11 TPI	1-1⁄16"	27mm	⅝" 16mm	Suits Stud T04-6006
	K169-187	M22 x 1.5	1-5⁄16"	33mm	1-3⁄16" 30mm	Suits ISO Wheel Studs
	KH800096	M22	1-¼"	32mm	1-3⁄16" 30mm	K-Hitch 10 Stud Suits 285 & 335 PCD
	KH800238	M22	1-5⁄16"	33mm	1-3⁄16" 30mm	Optional for K-Hitch 10 Stud Suits 285 & 335 PCD
	H34-0901	M22 x 1.5	1-¼"	32mm	50mm	Optional for K-Hitch 10 Stud Suits 285 & 335 PCD can be used on Long Studs with Steel Wheels
	0326004060	M22 x2.0	1-¼"	32mm	11⁄16" 17mm	BPW Stud Retaining Nut
	0526054100	M22 x 1.5	1-¼"	32mm	1-1⁄16" 27mm	BPW Wheel Retaining Nut
	0526054141	M22 x 1.5	1-¼	32mm	62mm	BPW ECO Hub Disc Brake - SH/SKH 9 Tonne Sleeve Type Nut
	4247301201S	M22 x 1.5	1-¼	32mm	27mm	SAF-Holland ZI9-19W Axle - (Wabco Caliper INTEGRAL rotor) - Dual Wheels
	687732	M22 x 1.5	1-¼	32mm	45mm	Alcoa Nut Dual Wheel
	A-24695	M22 x 1.5	1-¼	32mm	30mm	Hendrickson Axles Standard Nut
	98817-005	M22 x 1.5	1-¼	32mm	50mm	Hendrickson Axles Long Nut

WHEEL STUDS

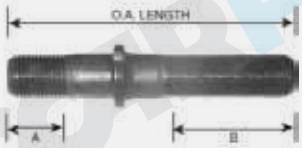
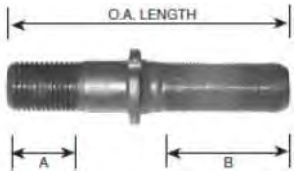
ISO WHEEL STUDS — BODY DIAMETER 0.975"						
PART NO.	A	B	C	THREAD	O.A. LENGTH	APPLICATION
E-6035 	23/32" 18mm	2-11/16" 45mm	3/8" 10mm	M22 x 1.5	3-15/16" 100mm	Drive & Trailer Hubs Webb with Steel Wheels
E-6034 	23/32" 18mm	3-17/32" 90mm	3/8" 10mm	M22 x 1.5	4-25/32" 121mm	Drive & Trailer Hubs Webb with Alloy Wheels
WE8981 	7/8" 22mm	2-29/32" 74mm	1/2" 13mm	M22 x 1.5	4" 102mm	Drive & Trailer Hubs Gunite with Steel Wheels
W1160 (Can use T04-6090) 	7/8" 22mm	3-3/4" 95mm	1/2" 13mm	M22 x 1.5	5-3/32" 130mm	Drive & Trailer Hubs Gunite with Alloy Wheels

WHEEL STUDS

ISO WHEEL STUDS — BODY DIAMETER 0.910"						
PART NO.	**A**	**B**	**C**	**THREAD**	**O.A. LENGTH**	**APPLICATION**
102290  **Stud Body Diameter 0.910"**	1-9/16" 40mm	65mm	13mm	M22 x 1.5	114mm	Drive & Trailer Axle ConMetCo Stud Steel Wheels
102291  **Stud Body Diameter 0.910"**	1-9/16" 40mm	78mm	13mm	M22 x 1.5	126mm	Drive & Trailer Axle ConMetCo Stud Alloy Wheels Centrifuse Brake Drum
102188  **Stud Body Diameter 0.910"**	1-3/4"			M22 x 1.5	100mm	

WHEEL STUDS

BPW WHEEL STUDS

PART NO.	A	THREAD	B	THREAD	O.A. LENGTH	APPLICATION
0329623170 	30mm	M22 x 2.0	50mm	M22 x 1.5	113mm	BPW Trailer Axle Hubs Steel Wheels to Dec 1999
0329623240 	28mm	M22 x 2.0	62mm	M22 x 1.5	136mm	BPW Trailer Axle Hubs Alloy Wheels to Dec 1999
0329633090 	58mm		64mm	M22 x 1.5	122mm	BPW Trailer Axle Hubs Alloy Wheels from Dec 1999
0329633121 				M22 x 1.5	97mm	Steel Wheels
0329633171 				M22 x 1.5	117mm	Aluminium Wheels

WHEEL STUDS

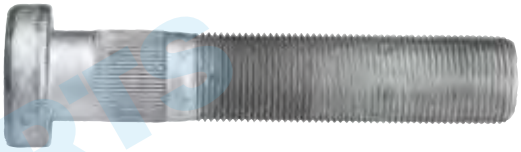
FUWA K HITCH WHEEL STUDS			
PART NO.	**THREAD**	**O.A. LENGTH**	**APPLICATION**
KH800104 	M22	94mm	Stud ISO Steel Wheel
KH800239 	M22	122mm	Stud ISO Wheel
H33-2301 	M22 x 1.5	125mm	Axle BOM until June 2019
H33-2302 	M22 x 1.5	152mm	Option for K Hitch Axles
H33-2401 	M24 x 1.5	140mm	Axle BOM after June 2019

WHEEL STUDS

HENDRICKSON WHEEL STUDS

PART NO.	THREAD	O.A. LENGTH	APPLICATION
98900-002 	M22 x 1.5	103mm	Stud Long Alloy Wheels R01
98900-005 	M22 x 1.5	126mm	Stud Long Alloy Wheels R1
98900-024 	M22 x 1.5	105mm	Stud Wheel
98900-022 	M22 x 1.5	126mm	Stud Wheel
98900-019 	M22 x 1.5	122mm	Wheel Stud

WHEEL STUDS

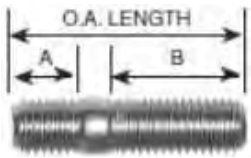
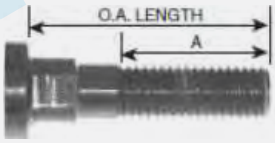
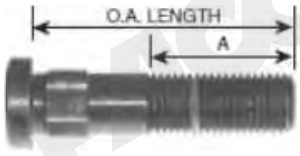
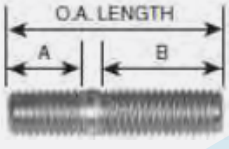


SAF HOLLAND & YORK WHEEL STUDS

PART NO.	THREAD	O.A. LENGTH	APPLICATION
3341292419	M22 x 1.5	112mm	Bolt & Nut Kit
3302114500S	M22 x 1.5	112mm	Suit 10 Stud 'J' SAF
3302114500	M22 x 1.5	112mm	Bolt & Nut Kit
1303111210	M22 x 1.5	112mm	A/Wheel Straight Body
1303111210S	M22 x 1.5	112mm	Wheel stud and nut
1303112810	M22 x 1.5	103mm	Suit integral disc
1303112510	M22X1.5	112	Long Stepped Body suit SKRZ disc
1303107512	M22 x 1.5	104mm	Dual Steel Wheels
79787581	¾" UNC		York *NLA
79786111	M22 x 1.5	100mm	
79786511	M22 x 1.5	124mm	
79786506	M20		JAP RH
79786507	M20		JAP LH
79102190	M22	126mm	Alloy Hub, Long
79792155	M22	100mm	SAE
7979215601	M22	117mm	SAE

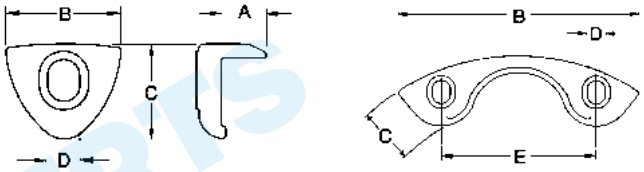
*NLA — NO LONGER AVAILABLE

WHEEL STUDS

VARIOUS WHEEL STUDS						
PART NO.	A	THREAD	B	THREAD	O.A. LENGTH	APPLICATION
T04-6001 	7/8" 22mm	3/4" 10 TPI	1-3/4" 45mm	3/4" 10 TPI	3" 76mm	Most Drive & Trailer Hubs
W855 	7/8" 22mm	3/4" 10 TPI	1-3/4" 45mm	3/4" 10 TPI	3" 76mm	Most Drive & Trailer Hubs
T04-6003 	1-5/8" 41mm	5/8" 11 TPI			3" 76mm	Early McGrath Axles
T04-6004 	1-5/8" 41mm	3/4" 12 TPI			3-1/4" 82mm	Freighter MK V Axles
T04-6006 	7/8" 22mm	5/8" 11 TPI	1-1/2" 38mm	5/8" 11 TPI	2-3/4" 70mm	Drive Axle Stud

NOTES

WHEEL CLAMPS



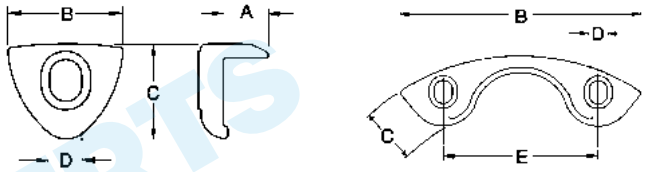
Wheel Clamp part identification is done through dimensional checks as shown in the diagram, and cross referencing to those dimensions noted alongside the part number.

PART NO.	DIMENSIONS					APPLICATION
	A	B	C	D	E	
610 	1-5⁄16″ 33mm	4-1⁄8″ 105mm	1-3⁄4″ 45mm	13⁄16″ 21mm		Malco Drive Axle Hubs
610-1 	15⁄16″ 24mm	4-1⁄8″ 105mm	1-3⁄4″ 45mm	13⁄16″ 21mm		GP Trailer Malco Style
T04-6048 *NA 	1-3⁄16″ 30mm	7-5⁄8″ 198mm	1-3⁄4″ 45mm	13⁄16″ 21mm	4-1⁄2″ 114mm	Webb 15″ 3 Spoke
T04-6051 	1-1⁄8″ 28mm	2-7⁄8″ 73mm	2-3⁄8″ 63mm	13⁄16″ 21mm		GP Trailer Webb Style

PART NO.	DIMENSIONS					APPLICATION
	A	B	C	D	E	
T04-6056 *NA 	1″ 25mm	2-5⁄8″ 67mm	3-1⁄8″ 80mm	11⁄16″ 17mm		Early Freighter
R005885 	1-1⁄4″ 31mm	2-3⁄4″ 70mm	2-3⁄8″ 62mm	13⁄16″ 21mm		Various Truck & Trailer Hubs

NA - NOT AVAILABLE - DISCONTINUED

WHEEL CLAMPS



Wheel Clamp part identification is done through dimensional checks as shown in the diagram, and cross referencing to those dimensions noted alongside the part number.

PART NO.	DIMENSIONS					APPLICATION
	A	B	C	D	E	
T04-6051L 	1-½″ 38mm	2-⅞″ 73mm	2-⅜″ 63mm	13⁄16″ 21mm		GP Trailer Webb Style Longreach version hub
T04-6052 	⅛″ 28mm	9-⅛″ 241mm	2-½″ 63mm	13⁄16″ 21mm	6-⅛″ 155mm	Dayton 20″ Double
T04-6054 	⅛″ 28mm	3″ 76mm	2-½″ 63mm	11⁄16″ 17mm		Early McGrath Hub
T04-6055 *NA 	¾″ 20mm	3-⅓″ 85mm	2-4⁄9″ 62mm	⅞″ 22mm		Freighter MK V

PART NO.	DIMENSIONS					APPLICATION
	A	B	C	D	E	
W866 	1-⅝″ 41mm	2-¼″ 57mm	2-¼″ 57mm	¾″ 19mm		Gunite Drive Hub
WP722 	1-½″ 13mm	2-½″ 63.5mm	3-⅝″ 92mm	¾″ 19mm		Gunite Steer Hub

NA - NOT AVAILABLE - DISCONTINUED

WHEEL RIMS

ALCOA ALUMINIUM WHEELS				
PART NO.	**SIZE**	**FINISH**	**FURTHER DETAIL**	**APPLICATION**
776472DB	19.5" x 7.5"	Polished Inside	Dura-Bright, 24mm Stud Holes	Truck Drive Position & Trailer
812520	22.5" x 11.75"	Machine Finish	'0' offset Trailer Axle	Trailer
818531	22.5" x 11.75"	Polished Outside	Volvo Fitment Only	Volvo Fitment Only – Truck Offset
818551	22.5" x 11.75"	Polished Outside	Retrofit Steer Axle	Truck Steer Position
818561DB	22.5" x 11.75"	Polished Outside	Dura-Bright Steer Axle	Truck Steer Position
822627	22.5" x 11.75"	LvL ONE® Finish	'0' offset Trailer Axle	Trailer
823627	22.5" x 12.25"	LvL ONE® Finish	Steer Axle, 98mm Offset	Truck Steer Position & Trailer
824621	22.5" x 12.25"	Steer Axle	Steer Axle	Truck Steer Position
824621DB	22.5" x 12.25"	Polished Outside	Dura-Bright	Truck Steer Position
882513DB	22.5" x 8.25"	Polished Both Sides	Dura-Bright, Retrofit 22mm Stud, 32mm Hole	Steer, Drive, Trailer
882517	22.5" x 8.25"	LvL ONE® Finish	Retrofit 22mm Stud, 32mm Hole	Steer, Drive, Trailer
882520DB	22.5" x 8.25"	Machine Finish	Dura-Bright	Steer, Drive, Trailer
882523	22.5" x 8.25"	26mm Stud Hole	26mm Stud Hole	Steer, Drive, Trailer
882523DB	22.5" x 8.25"	Polished Both Sides	Dura-Bright, 26mm Stud Hole	Truck Drive Position & Trailer
882533	22.5" x 8.25"	Polished Both Sides	Volvo Fitment Only	Volvo Fitment Only – Truck Drive Position & Trailer
882533DB	22.5" x 8.25"	Polished Both Sides	Dura-Bright Volvo Fitment Only	Volvo Fitment Only – Truck Drive Position & Trailer
892523DB	22.5" x 9"	Polished Both Sides	Dura-Bright, 26 mm Stud Holes	Steer, Drive, Trailer
892513DB	22.5" x 9"	Polished Both Sides	Dura-Bright, Retrofit 22 mm Stud, 32 mm Hole	Steer, Drive, Trailer
89U631	22.5" x 9"	Polished Outside	PCD285	Truck Steer Position
89U631DB	22.5" x 9"	Polished Outside	Dura-Bright PCD285	Truck Steer Position
89U641	22.5" x 9"	Polished Outside	PCD285	Truck Steer Position
89U641DB	22.5" x 9"	Polished Outside	Dura-Bright PCD285	Truck Steer Position
ULT391	22.5" x 8.25"	Polished Outside	18kg 10/285, American Fitment	Truck Steer Position
ULT391DB	22.5" x 8.25"	Polished Outside	18kg Dura-Bright 10/285, American Fitment	Truck Steer Position
ULT392	22.5" x 8.25"	Polished Inside	18kg 10/285, American Fitment	Truck Drive Position & Trailer
ULT392DB	22.5" x 8.25"	Polished Inside	18kg Dura-Bright 10/285, American Fitment	Truck Drive Position & Trailer
ULT397	22.5" x 8.25"	Polished Both Sides	18kg 10/285, American Fitment	Steer, Drive, Trailer
ULTRABLK-2B	22.5" x 8.25"	Dura Black Finish	Drive Hub Cover included	Truck Drive Position & Trailer

WHEEL RIMS

MULLINS ROADKING WHEELS / STEEL TUBELESS DISC WHEELS				
PART NO.	**SIZE**	**FINISH**	**PCD**	**STEEL**
710-202	17.5" x 6.00"	Silver	6 - 222.25 J	
710-210	17.5" x 6.00"	Silver	10 - 225 ISO	
710-215	17.5" x 6.75"	Silver	6 - 222.25 J	
710-220	17.5" x 6.75"	Silver	10 - 225 ISO	
710-240	19.5" x 7.50"	Silver	8 - 275 ISO	
710-445	22.5" x 8.25"	Silver	8 - 285 J	
710-447	22.5" x 8.25"	Silver	10 - 285.75 ISO	
710-460	22.5" x 8.25"	Silver	10 - 335 ISO	
710-502XHD	22.5" x 9.00"	Silver	10 - 335 ISO - XHD	
710-560	22.5" x 11.75"	Silver	10 - 335 ISO	

DEMOUNTABLE TUBELESS RIMS				
PART NO.	**SIZE**	**FINISH**	**PCD**	**DEMOUNTABLE TUBELESS**
700-305	17.5" x 6.75"	Silver	100 mm	
700-420	22.5" x 8.25"	Silver	118 mm	
700-465	22.5" x 9.00"	Silver	102 mm	
700-745	22.5" x 11.75"	Silver	110 mm	

WHEEL RIMS

TRP WHEELS						
PART NO.	**SIZE**	**FINISH**	**BOLT HOLE**	**PCD**	**WEIGHT**	**CROSS REFERENCE**
8-22-285B3	22.5" x 8.25"	Buffed	26mm	285.75mm x 10	21.8kg	ULT397 RS7128AM 710.0030' JW 82528526M OE
8-22-285P3	22.5" x 8.25"	Polished Both Side	26mm	285.75mm x 10	21.8kg	ULT391 ULT392 710.0031' JW 82528526P OE
8-22-335P-32MM1	22.5" x 8.25"	Polished Both Sides	32mm	335.75mm x 10	22.7kg	882517 JW 82533532P OE
8-22-335P1	22.5" x 8.25"	Polished Both Sides	26mm	335.75mm x 10	22.9kg	882523 JW 82533526P OE

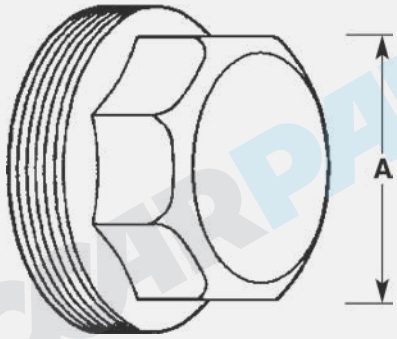
NOTES

WHEEL SPACERS

CHANNEL STYLE	CORRUGATED STYLE
	
4220KSB	TRPWS002

PART NO.	DESCRIPTION	DIMENSIONS	STYLE	CROSS REFERENCE
TRPWS002	TRP® Spacer	20"x 4"	Corrugated	720-2040CC
TRPWS003	TRP® Spacer	20" x 4.25"	Corrugated	720-2042CC, SB14F148
4220KSB	Spacer	20" x 4.25"	Channel	
720-2045CH		20" x 4.5"		SB4420K
T04-2050		15" x 4"		720-1540CH
SB14F144		20" x 3.625"	Corrugated	720-2035CC

HUB CAP GUIDE

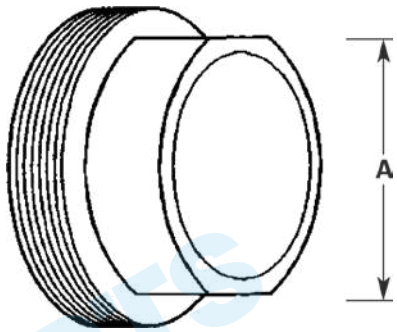


BPW OLD GENERATION
GREASE HUB

Steel Hexagonal Cap with External Thread

125mm O/D x 3mm Pitch Thread
A = 110mm 20" Axle

115mm O/D x 3mm Pitch Thread
A = 95mm 15" Axle



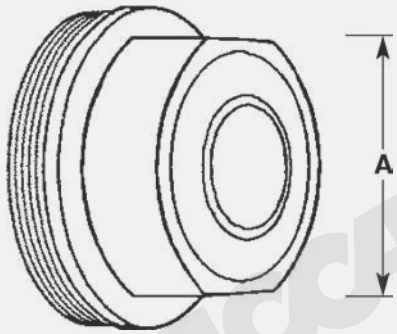
BPW NEW GENERATION
GREASE HUB

Steel Oval Type Cap with External Thread

125mm O/D x 2mm Pitch Thread
A = 110mm 20" H&R 9100 & H&R 10000 Axle

115mm O/D x 2mm Pitch Thread
A = 95mm 20" H9000 Lightweight Axle

15" NR9000 Axle



BPW NEW GENERATION
OIL HUB

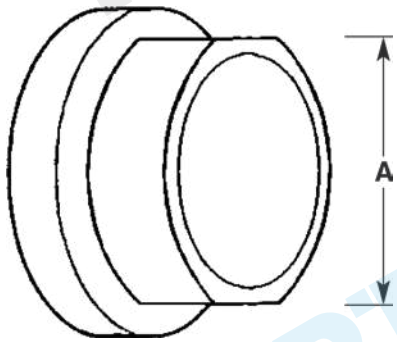
Alloy Oval Type Cap with Window & External Thread

125mm O/D x 2mm Pitch Thread
A = 110mm 20" H&R 9100 & H&R 10000 Axle

115mm O/D x 2mm Pitch Thread
A = 95mm 20" H9000 Lightweight Axle

15" NR9000 Axle

**NOTE: Early Oil Hubs had a Red Plastic Hexagonal Cap.*



BPW ECO & ECO PLUS HUB
ECO Introduced 1997
ECO PLUS Introduced 2009

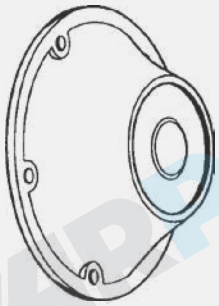
Steel Oval Type Cap with Internal Thread

135mm I/D x 2mm Pitch Thread
A = 110mm 20" H&R 9100 & H&R 10000 Axle

125mm I/D x 2mm Pitch Thread
A = 110mm 20" H9000 Lightweight Axle

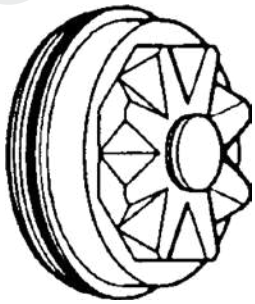
15" NR9000 Axle

HUB CAP GUIDE



FREIGHTER MK-V

Alloy Hub Cap 5-Hole
7-½" O/D – 6-⅜" PCD



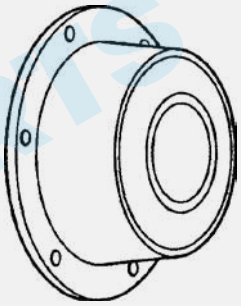
PROPAR STYLE

This axle uses Parallel Bearing Combination.
Hard Wearing Plastic Cap with External Thread

or

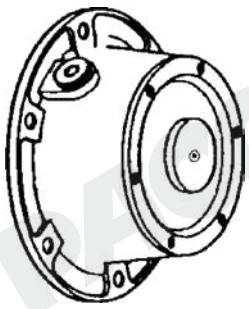
Pressed Metal Cap with External Thread
6-1/4" – 8 Thread

USED ON FRUEHAUF, Holland PROPAR, Fuwa K Hitch, York Outback Axles



GENERAL PURPOSE
GREASE HUB

Pressed Metal or Alloy 5 or 6 Hole Hub Cap
6-1/4" O/D – 5-1/2" PCD



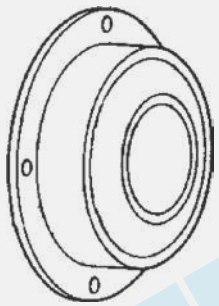
GENERAL PURPOSE
OIL HUB

Alloy 3, 5 or 6 Hole Hub Cap with Window

6" O/D – 5-1/4" PCD - 3 Hole
To suit early Freuhauf Round & I Beam Axles NLA

6-1/4" O/D – 5-1/2" PCD - 5 & 6 Hole GP Hubs

7-1/2" O/D – 6-3/4" PCD - 6 Hole Conmet Alloy Hub
used on some PROPAR Axles

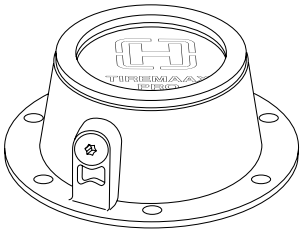
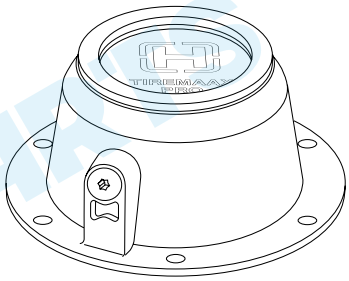


McGRATH

Alloy or Steel 4 Hole Hub Cap
6-7/8" O/D – 6-1/8" PCD

HENDRICKSON HUB CAP GUIDE

TIREMAAX HUBCAPS

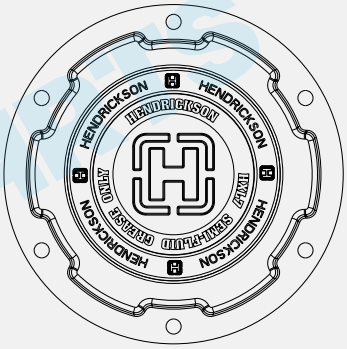
ITEM NO.		PART NO.	SPINDLE	BEARING	DESCRIPTION	NOTES
	1	97453-008		Conventional	TIREMAAX Hubcap Decal	
		97453-009		PreSet		
		97453-015		HXL2		
		97453-011		HXL5		
		97453-010		HXL7		
	2	C-32055-4	HN		TIREMAAX Hubcap	Single Wheel, without Decal
		VS-32055-3			Kit, TIREMAAX Hubcap	Dual Wheel without Decal Includes Gasket & Bolts
		C-32055-3			TIREMAAX Hubcap	Dual Wheel, without Decal
		C-32056-4	HP			Single Wheel, without Decal
		C-32056-3				Dual Wheel, without Decal

HUBCAPS DECALS

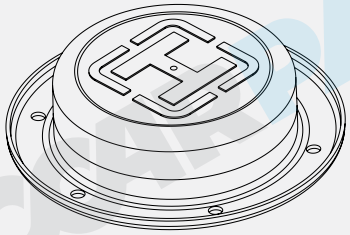
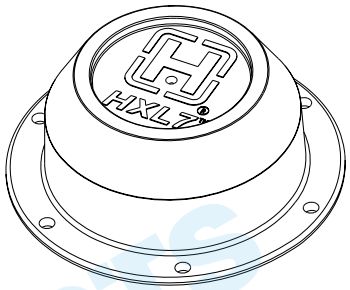
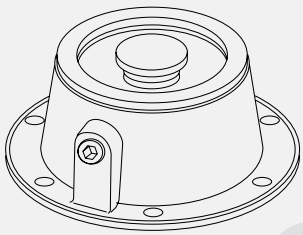
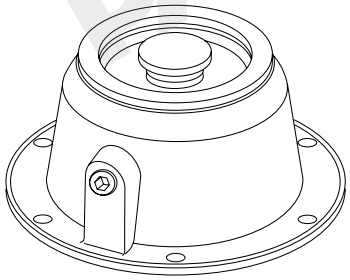
ITEM NO.		PART NO.	BEARING	DESCRIPTION	NOTES
	3	97453-004	HXL7	Hubcap Decal	Without TIREMAAX
		97453-012	HXL5		
		97453-014	HXL2		
		97453-006	PreSet		
		97453-007	Conventional		

HENDRICKSON HUB CAP GUIDE

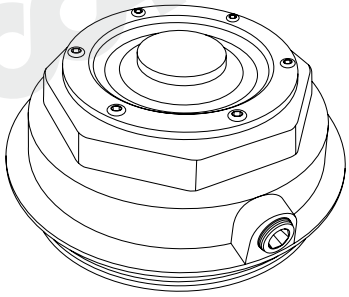
HUBCAPS

ITEM NO.		PART NO.	SPINDLE	BEARING	CHROME	DESCRIPTION
 	4	98846-036P	HP	HXL7		HXL7 Standard Hubcap
		98846-037P			X	HXL7 Chrome Hubcap
		98846-061P		HXL5		HXL5 HP Standard Hubcap
		98846-062P			X	HXL5 HP Chrome Hubcap
		98846-063P	HN			HXL5 HN Standard Hubcap
		98846-064P			X	HXL5 HN Chrome Hubcap
		98846-059P	HP	HXL2		HXL2 HP Standard Hubcap
		98846-060P			X	HXL2 HP Chrome Hubcap
		98846-057P	HN			HXL2 HN Standard Hubcap
		98846-058P			X	HXL2 HN Chrome Hubcap
		98846-038P	HP	PreSet		PreSet HP Standard Hubcap
		98846-039P			X	PreSet HP Chrome Hubcap
		98846-044P	HN			PreSet HN Standard Hubcap
		98846-040P	HP	Conventional		Conventional HP Standard Hubcap
		98846-041P			X	Conventional HP Chrome Hubcap
		98846-046P	HN			Conventional HN Standard Hubcap
		98846-047P			X	Conventional HN Chrome Hubcap

HENDRICKSON HUB CAP GUIDE

HUBCAPS						
ITEM NO.	PART NO.	SPINDLE	BEARING	CHROME	DESCRIPTION	NOTES
 5	S-32629-1	HP	Any		Pressed Steel HP Hubcap	Global Product
 6	C-34434	HP	HXL7		Cast Aluminium HP Hubcap	Global Product
 7	98796-002	HN	Oil		Stemco Oil Fill HN Hubcap	
 8	98920-002	HP	Oil		Stemco Oil Fill HP Hubcap	

HENDRICKSON HUB CAP GUIDE

TOOWOOMBA SCREW-ON HUBCAPS				
ITEM NO.		PART NO.	DESCRIPTION	NOTES
	9	98846-005	Screw-on Hubcap to Suit Toowoomba Hub	Includes Window & O-Ring Seal, Item 10
	10	98920-001	Window to Suit Toowoomba Screw-on Hubcap	With O-Ring Seal & Gasket, Part of Item 9

HUB CAPS

TRANSPEC

BPW TRANSPEC		
PART NUMBER	**DESCRIPTION**	**NOTES**
0321223090	Hub Cap - M115 X 2, H90, NR9 Suits 9000 Lightweight Axle 420 x 180, KH/KR Axle	
0321224020	Hub Cap - M125 X 3, ZR10, EH9 & 10 - Suits Old Generation 20" Axle	
0321224070	Hub Cap - M125 X 2, NR, R, H9 & 10 - Suits New Generation H91, H10, R10	
0321224250	Hub Cap - Grease L/Wt ECO Suits ECO HUB KH/KR Axle 19.5", ECO HUB 9 Tonne, ECO HUB Disc Brake Axle	Threaded Steel Black Finish For Grease
0321225080	Hub Cap - M135 X 2, Grease ECO 10/12T - Suits ECO HUB 10 Tonne 9110	
0321229060	Hub Cap - M135 X 2, 70 (H) X 110 (W) - Suits ECO PLUS 3 HUB	
0321229060TS	Hub Cap - With O-Ring - Suits ECO PLUS 3 HUB Disc Brake 10-12 Tonne	
HU203	Hub Cap - M125 X 2, Suits Hubodometer, NR, R, H9 & 10 Suits Hubodometer M125 X 2 NR, R, H9 & 10	
0321225310	Hub Cap - BPW ECO PLUS - Suits ECO PLUS HUB - H/R, KH	
0321225310C	Hub Cap - Chrome - BPW ECO PLUS Suits ECO HUB Disc Brake Axle 10-12 Tonne	Threaded Steel Chrome Finish For Grease
0321229088CTS	Hub Cap - ECO PLUS 3 - Chrome Suits ECO PLUS 3 HUB - H/R, KH, ECO PLUS 3 HUB Disc Brake 10-12 Tonne	
0337900130	Plug - Rubber Hub Cap Oil - Suits 9000 Lightweight Axle	Push In Rubber Black Finish For Oil

FUWA K HITCH		
PART NUMBER	**DESCRIPTION**	**NOTES**
10018621/10086311	Hub Cap - ConMet TP Preset PLUS Hub - ConMet Pre Set PLUS Bolt On Hub Cap Suit TP (pre set bearing axle) KF22CBF Series, Hub Cap Dual Dynamics 7.5-Gi, NLA*	6 Holes Steel
KH800110	Hub Cap - 139.7 PCD Suits All FKH TN (Tapered Bearing Hub Axles) KF22AG, KF37AG, KK44AG Series	6 Holes Steel Chrome Finish
KH800110B	Hub Cap - Fuwa K-Hitch, Black - 139.7 PCD Suits All FKH TN (Tapered Bearing Hub Axles) KF22AG, KF37AG, KK44AG Series	6 Holes Steel Black Finish
KH800205B	Hub Cap - Black - Suits FKH TP Bearing (Parallel Bearing Axles) KF22BG Series	Threaded Steel Black Finish
KHALU01	Hub Cap - Grease, Tapered Bearing - TN Bearing 139.7mm PCD Can Also Use KH800110 KF22AG, KF37AG, KK44AG Series	6 Holes Aluminium For Grease
KH800205	Hub Cap - Fuwa K-Hitch Propar Screw In Suit FKH TP Bearing (Parallel Bearing Axles) KF22BG Series	Threaded Steel Chrome Finish
N300016-002	Hub Cap - Unitised - Hub Cap Bolt On 179 mm PCD Suits 11 Tonne Unitised Bearing Axle KF22UG Series, Replaces KH1897	Bolted Aluminium
KH1897	NLA* Obsolete See Part Number N300016-002	

NLA - NO LONGER AVAILABLE

HUB CAPS

SAF Holland

SAF HOLLAND		
PART NUMBER	**DESCRIPTION**	**NOTES**
79501715	Hub Cap - York, 2782, 2950, 2970, 2783 Dana, Freighter MKV, McGrath	6 Holes Aluminium Cast For Grease
79501887	NLA* Obsolete See Part Number 79788901/Y0RK	
79789287	Hub Cap - York 20TE Axle - 2682/2685 Outback RB	Threaded Steel For Grease
79788901/Y0RK	Hub Cap - York 2800 Series Axle - 2800 Series, 2682/2685 Outback RB	6 Holes For Grease
79786215	Hub Cap-Suits York 19.5" 3 Hole - NLA* Obsolete	3 Holes Steel For Grease
3304010201	Hub Cap - Suits SAF Holland Z9, ZI9, SKRL9019 Intra, Slim Line	Plastic For Grease
3304010901	Hub Cap - Tyre Pilot	Plastic
4304010200	NLA* See Part Number 3304010201	

HENDRICKSON
The World Rides On Us®

HENDRICKSON		
PART NUMBER	**DESCRIPTION**	**NOTES**
98796-002	Hub Cap - Oil R02 HN Oil Stemco Oil Fill, HN Hubcap	6 Holes Aluminium Matt Finish For Oil Includes Gasket
98846-005	Hub Cap - Intraax, Screw In Cap Screw-On Hubcap, Includes Window & O-Ring Seal	6 Holes Aluminium Matt Finish For Grease Includes Gasket
98846-064P	Hub Cap HN, HXL5, HXL5, HN, Chrome Hub Cap	6 Holes Aluminium Matt Finish For Grease
98920-002	Hub Cap - Bolt On, 6.75" PCD, HP R1 HP Oil Stemco Oil Fill HP Hub Cap	6 Holes Aluminium Matt Finish For Oil
C-32055-3	Hub Cap - HN TIREMAAX PRO HN TIREMAAX Hub Cap Dual Wheel, Without Decal	6 Holes Aluminium Matt Finish For Grease
C-32055-4	Hub Cap - TIREMAAX PRO, Dual Wheels & Super Singles HN TIREMAAX Hub Cap Dual Wheel, Without Decal	
C-32056-3	Hub Cap - HN TIREMAAX PRO HP TIREMAAX Hub Cap Dual Wheel, Without Decal	
C-32056-4	Hub Cap - TIREMAAX PRO, Dual Wheels & Super Singles HP TIREMAAX Hub Cap Dual Wheel, Without Decal	

NLA - NO LONGER AVAILABLE

HUB CAPS

MERITOR
RUN WITH THE BULL

MERITOR		
PART NUMBER	**DESCRIPTION**	**NOTES**
3262W75	NLA* See Part Number 3262W1245	
A3262A27A	NLA* See Part Number A3262X1506	
A3262B28A	NLA* See Part Number A3262Y1507	
A3262G215	Hub Cap - 6 Hole - Designed For Use With Tire Inflation Systems. It Is Suitable For Use With Most Models Of Heavy Trucks & Trailers	▌6 Holes ▌Aluminium ▌Natural Finish ▌For Oil
A3262H1178	Hub Cap With Window	
A3262P16A	NLA* See Part Number A3262Z1456	
A3262R1370	Hub Cap	
A3262X1506	Hub Cap - 6 Hole	
A3262Y1507	Hub Cap - 6 Hole	
A3262Z26A	NLA* See Part Number A3262Z1456	
A7-333L4848	Hub Cap & Stud Assy - 285 mm	
A8-333L4848	Hub Cap Stud & PR Assy - 285 mm	
A8-333V4728	Hub Cap & Stud Assy - 285 mm	
E-04975	Hub Cap - Suits Fruehauf	
E-4975H	NLA* - Suits Fruehauf, Use With Hubodometer, See Part Number E-04975H	
E-04975	Hub Cap Lexan - Suits Fruehauf, Equivalent to Stemco 340-4975	
T04-4024H	Hub Cap Lexan - Suits Fruehauf, Use With Hubodometer, S/S to E-04975H	
3262W1245	Hub Cap	
A3262X1506	Hub Cap - 6 Hole, 4P5, CR1612 - 6 Hole 4P5 CR1612	
A3262Y1507	Hub Cap - 6 Hole, 5P5, CR1644 - 6 Hole 5P5 CR1644	
A3262Z1456	Hub Cap - 6 Hole, 5P5, CR1613 - 6 Hole 5P5 CR1613	

NLA - NO LONGER AVAILABLE

HUB CAPS

STEMCO

STEMCO		
PART NUMBER	**DESCRIPTION**	**NOTES**
340-4119	Hub Cap - 8 Bolt Suits Drive / Tag / Push Axles, 7" Bolt Circle, Lazy Axle	8 Holes Aluminium Natural Finish For Oil
340-4270	Hub Cap - 6 Bolt Suits ISUZU Steer Application	6 Holes Aluminium Natural Finish For Oil
340-4975	Hub Cap - Suits Fruehauf Propar Axle 6 1/4" x 8 UN, Suits Trailer Parallel Spindle	Threaded Polycarbonate For Oil & Grease
340-5097	Hub Cap - 6 Bolt 5 1/2" / 140 mm Bolt Circle, Trailer Tapered Spindle	6 Holes Steel, Painted (Black) Finish For Grease
342-4009	Hub Cap - 6 Bolt - 5 1/2" / 140 mm Bolt Circle, Suits Grease Lubrication, Use 343-4009 and 359-6095	6 Holes Aluminium Natural Finish For Grease
343-4009	Hub Cap - 6 Bolt 5 1/2" / 140 mm Bolt Circle, Suits Oil Lubrication	6 Holes Aluminium Natural Finish For Oil
343-4024	Hub Cap - 6 Bolt 4 1/2" 114 mm Bolt Circle, Suits Oil Lubrication	6 Holes Aluminium Natural Finish For Oil
343-4025	Hub Cap - 6 Bolt 5 7/8" / 149 mm Bolt Circle, Suits Oil Lubrication, Inside Depth 16 mm	6 Holes Aluminium Natural Finish For Oil
343-4028	Hub Cap - 4 Bolt 5" / 127 mm Bolt Circle, Suits Oil Lubrication, Inside Depth 60 mm	4 Holes Aluminium Natural Finish For Oil
343-4042	Hub Cap - 6 Bolt 5 1/8" / 130 mm Bolt Circle, Suits Oil Lubrication	6 Holes Aluminium Natural Finish For Oil
343-4046	Hub Cap - 6 Bolt - 5 1/2" / 140 mm Bolt Circle Suit Oil Lubrication, Inside Depth 40 mm, KW Steer Application	6 Holes Aluminium Natural Finish For Oil
343-4075	Hub Cap - Suits Fruehauf Propar Axle 6 1/4" x 8 UN, Suits Trailer Parallel Spindle	Threaded Aluminium Natural Finish For Oil & Grease

NLA - NO LONGER AVAILABLE

HUB CAPS

STEMCO

STEMCO		
PART NUMBER	**DESCRIPTION**	**NOTES**
343-4092	Hub Cap - 6 Bolt 5 7/8" / 149 mm Bolt Circle, Suits Oil Lubrication, Inside Depth 36 mm	6 Holes Aluminium Natural Finish For Oil
343-4095	Hub Cap - 6 Bolt - 5 1/2" / 140 mm Bolt Circle, Suits Oil Lubrication, Inside Depth 27 mm, Steer Application	6 Holes Aluminium Natural Finish For Oil
343-4186	Hub Cap - 4 Bolt 5" / 127 mm Bolt Circle, Suits Oil Lubrication, Inside Depth 35 mm	4 Holes Aluminium Natural Finish For Oil
343-4195	Hub Cap - 6 Bolt 6 3/4" / 172 mm Bolt Circle, Suits Oil Lubrication, Suits Parallel Trailer TP / Pro Par	6 Holes Aluminium Natural Finish For Oil
343-4249	Hub Cap - 6 Bolt 5 1/2" / 140 mm Bolt Circle, Suits Oil Lubrication, Inside Depth 42 mm	6 Holes Aluminium Natural Finish For Oil
343-4281	Hub Cap - 6 Bolt 5 17/32" / 140.5 mm Bolt Circle, Suits Oil Lubrication, Bolt Hole Dia. 9.5 mm, Can Use 343-4046	6 Holes Aluminium Natural Finish For Oil
356-4009	Hub Cap - 6 Bolt 5 1/2" / 140 mm Bolt Circle, Suits Oil Lubrication, Sentinel Window	6 Holes Aluminium Natural Finish For Oil Gasket Included
356-4046	Hub Cap - 6 Bolt 5 1/2" / 140 mm Bolt Circle, Suits Oil Lubrication, Inside Depth 40 mm, Kenworth Steer Application, Sentinel Window	6 Holes Aluminium Natural Finish For Oil Gasket Included
356-4095	Hub Cap - 6 Bolt 5 1/2" / 140 mm Bolt Circle, Suits Oil Lubrication, Inside Depth 27 mm, Steer Application, Sentinel Window	6 Holes Aluminium Natural Finish For Oil Gasket Included
640-0003	Hub Cap - Screw In, 6 1/4" x 8 UN, Suits Trailer Parallel Spindle To Fit Hubodometer, Suits SAF Holland Z9, ZI9, SKRL9019 Intra, Slim Line	
T04-4023	Hub Cap - Early Fruehauf 3 Hole, Part NLA* Early Fruehauf 3 Hole NLA*	
T04-4029ST	Hub Cap - Stemco 5 Hole Trailer Stemco 5 Hole Trailer	
T04-4065	Hub Cap - Stemco 'Special' To Suit ConMet Hub On Fruehauf Axles Suits ConMet Hub On Fruehauf Axles	

NLA - NO LONGER AVAILABLE

HUB CAPS

SKF

SKF		
PART NUMBER	**DESCRIPTION**	**NOTES**
1282	Hub Cap Suits Trouble Free TF4, Pro Par Trailer	Threaded For Oil
1669CR	Hub Cap Suits Trouble Free TF6, Steer, TF6	6 holes Black Finish For Oil
1743	Hub Cap	For Oil
1790	Hub Cap	6 holes For Oil
CR1711	Hub Cap	6 holes For Oil
T04-4024CR	Hub Cap - To Suit Fruehauf	Threaded
T04-4029CR	Hub Cap - 1642 5 Hole Trailer - Also Use 1642	5 holes For Oil
T04-4031CR	Hub Cap - 1643 6 Hole Trailer - Also Use 1643	6 holes For Oil
T04-4038	Hub Cap - To Suit Hubodometer Also use 160, Trailer / Hubodometer, TF3	6 holes For Oil
1612CR	Hub Cap - Suits Steer, TF6	6 holes Dupont Zytel Black Finish For Oil
1613CR	Hub Cap - Front - Suits Steer, TF1	6 holes Dupont Zytel Black Finish For Oil
1644CR	Hub Cap - Suits Trailer / Steer, TF6	6 holes Dupont Zytel Black Finish For Oil
1691CR	Hub Cap - Suits Steer, TF1	6 holes Dupont Zytel Black Finish For Oil

TRP

TRP		
PART NUMBER	**DESCRIPTION**	**NOTES**
HA4009	Hub Cap - Oil, TN, 4009, 5.5 Trailer Hub Cap TN Application - 5.5” Bolt Hole Diameter	6 Holes For Oil
HA4024	Hub Cap - Oil, Steer, 4024, 4.5 Front Steer Hub Cap - 4.5” Bolt Hole Diameter	6 Holes For Oil

NLA - NO LONGER AVAILABLE

HUB CAP PARTS

SAF HOLLAND	
HUB CAP GASKET	**DESCRIPTION**
79787719	Suits Part Number 79501715 Hub Cap For York, 2782, 2950, 2970, 2783 Dana, Freighter MKV, McGrath Axles
79502472	Suits Part Number 79788901/Y0RK, Hub Cap - York 2800 Series Axle
79787719	Suits Part Number 79786215 3 Hole Hub Cap - York 19.5" Axles

HENDRICKSON	
HUB CAP GASKET	**DESCRIPTION**
A-32098	Suits Part Number 98796-002 Hub Cap - Oil R02
A-32098	Suits Part Number 98846-064P Hub Cap
A-32097	Suits Part Number 98920-002 Hub Cap - Bolt On, 6.75" PCD, HP R1
A-32098	Suits Part Number C-32055-3 Hub Cap - HN TIREMAAX PRO
A-32098	Suits Part Number C-32055-4 Hub Cap - TIREMAAX PRO, Dual Wheels & Super Singles
A-32097	Suits Part Number C-32056-3 Hub Cap - HN TIREMAAX PRO
A-32097	Suits Part Number C-32056-4 Hub Cap - TIREMAAX PRO, Dual Wheels & Super Singles
WINDOW KIT	**DESCRIPTION**
98920-001	Suits Part Number 98846-005 Hub Cap - Intraax, Screw In Cap, Includes

SKF		
HUB CAP GASKET	**HUB CAP PLUG**	**DESCRIPTION**
453906-8	450439-4	Suits Part Number 1282 Hub Cap For Pro Par Trailers
453918-8	N/A	Suits Part Number 1669CR Hub Cap For TF6 Steer Axle
453869-8	454301-4	Suits Part Number 1612 CR Hub Cap For TF6 Steer Axle
453795-8	453879-4	Suits Part Number 1613CR Hub Cap - Front For TF1 Steer Axle
453795-8	454301-4	Suits Part Number 1644CR Hub Cap For Trailer / Steer, TF6 Axles
453795-8	453879-4	Suits Part Number 1691CR Hub Cap For TF1 Steer Axle

HUB CAP PARTS

STEMCO

STEMCO		
WINDOW KIT TO SUIT	**HUB CAP GASKET / O-RING**	**DESCRIPTION**
359-5912	330-3025	Suits Part Number 343-4092 Hub Cap - 6 Bolt
	330-3122	
359-5995	330-3111	Suits Part Number 340-4119 Hub Cap - 8 Bolt
	330-3009	Suits Part Number 343-4009 Hub Cap - 6 Bolt
	330-3009	Suits Part Number 343-4046 Hub Cap - 6 Bolt
	330-3077 (O-Ring)	Suits Part Number 343-4075 Hub Cap - Suits Fruehauf Propar Axle
	N/A	Suits Part Number , 6-¼" x 8 UN, Suits Trailer Parallel Spindle
	330-3009	Suits Part Number 343-4095 Hub Cap - 6 Bolt
	330-3122	Suits Part Number 343-4281 Hub Cap - 6 Bolt
	N/A	Suits STEMCO Hub Cap, Suits Dia. 3-½" or 88.9 mm with Large Red Plug, Includes O-Ring and Gasket
	330-3118	Suits Part Number 343-4195 Hub Cap - 6 Bolt
359-5999	330-3024	Suits Part Number 343-4024 Hub Cap - 6 Bolt
	330-3025	Suits Part Number 343-4025 Hub Cap - 6 Bolt
	330-3028	Suits Part Number 343-4028 Hub Cap - 4 Bolt
	330-3041	Suits Part Number 343-4042 Hub Cap - 6 Bolt
	N/A	Suits Part Number 343-4186 Hub Cap - 4 Bolt
	N/A	Suits STEMCO Hub Cap, Dia. 2-¾" or 69.85 mm, with Large Red Plug, Includes O-Ring and Gasket
359-6095	330-3009	Suits Part Number 342-4009 Hub Cap - 6 Bolt
359-6100	N/A	Suits STEMCO Hub Cap, Dia. 3-½" or 88.9 mm, with Small Red Plug, Includes O-Ring and Gasket
359-6112	330-3128	Suits Part Number 340-4270 Hub Cap - 6 Bolt
359-6145	330-3009	Suits Part Number 356-4009 Hub Cap - 6 Bolt
	330-3009	Suits Part Number 356-4046 Hub Cap - 6 Bolt
	330-3009	Suits Part Number 356-4095 Hub Cap - 6 Bolt
N/A	T04-4042	Suits 5 & 6 Hole Hub Caps

TRP

TRP	
HUB CAP PLUG	**DESCRIPTION**
HP4009	Suits Hub Cap Part Number 4009, 1.125"

INTEGRATED HUBODOMETERS



BPW HUBCAPS WITH INTEGRATED MECHANICAL HUBODOMETER					
PART NO.	**AXLE LOAD**	**HUB TYPE**	**HUBCAP THREAD**	**TYRE SIZE**	**TYRE ROLLING CIRCUMFERENCE ±2 %**
0521224330	9 Tonne	Conventional ECO	M 125 x 2	315/70 R22.5	3015 mm - 3134 mm
0521224520				275/70 R22.5	2915 mm
0521224520C *See note below					
0521225420		ECOPlus	M 136 x 2.5	275/70 R22.5	2915 mm
0521225460				385/65 R22.5	3240 mm - 3260 mm
0521223290		Conventional	M 115 x 2	265/70 R19.5	2620 mm - 2650 mm
0521224340		ECO	M 125 x 2	265/70 R19.5	2620 mm - 2650 mm
0521224440				245/70 R19.5	2560 mm
0521224360		ECO	M 125 x 2	245/70 R17.5	2425 mm
0521224480				205/65 R 7.5	2170 mm
0521224370	10-12 Tonne	Conventional	M 125 x 2	445/65 R22.5	3505 mm
0521224380				275/70 R22.5	2915 mm
0521225110		ECO	M 135 x 2	425/65 R22.5	3410 mm - 3470 mm
0521225250			M 135 x 2	315/70 R22.5	3015 mm - 3134 mm
0521225410		ECOPlus	M 136 x 2.5	255/70 R22.5	2830 mm - 2860 mm
0521225420				275/70 R22.5	2915 mm
0521225440				315/70 R22.5	3015 mm - 3134 mm
0521225450				11 R22.5	3175 mm - 3220 mm
0521225460				385/65 R22.5	3240 mm - 3260 mm
0521225470				12.00 R22.5	3280 mm - 3310 mm
0521225200		ECO	M135 x 2	265/70R 19.5	2620 mm - 2650 mm
0521225380		ECOPlus	M 136 x 2.5	265/70R 19.5	2620 mm - 2650 mm

* Hubcap is Chrome

INTEGRATED HUBODOMETERS



HUBCAP WITH INTEGRATED DIGITAL HUBODOMETER		
AVAILABLE FOR ECOPLUS AXLES ONLY		
PART NO.	**DESCRIPTION**	**HUBCAP THREAD**
0521275060	Hub Cap Black with Integrated Hubodometer	M 136 x 2.5
0521275030	Hub Cap Chrome with Integrated Hubodometer	M 136 x 2.5
0201309700	Hub Cap Battery to suit Integrated Hubodometer	N/A

GENERIC INFORMATION

The BPW hubcap with its integrated digital odometer is an important instrument for checking the mileage of your trailer.

A built in, watertight mini computer counts the wheel revolutions by means of a magnet and a reed contact.

The tyre rolling circumference is set initially, before fitting the hubo to the axle and cannot be changed subsequently.

Read out takes place when two silver contacts on the older style ECOMETER or the two BPW logos on the face of the newer style ECOMETER are connected with a metallic object e.g. a spanner.

Battery information:
A row of flashing dots appears on the display when the battery voltage has fallen below the necessary value, which is a warning that the battery should be changed. After the battery has been changed, the program and display are resumed (the distance value in kilometres continues to be stored in a permanent memory).

IMPORTANT

Please refer to the BPW Operator's Manual (valid for operational use in Australia) for instructions on the fitting and setting of Digital Hubodometers.

The reed contact in the cap should always be protected against damage. For this reason, caps should not be stacked one inside the other.

Always remove and install correctly.

For information regarding the fitting and setting of the digital hubodometers, please refer to the BPW Operator's Manual.

TYRE ROLLING CIRCUMFERENCE

The tyre rolling circumferences in the table above are based according to standard ETRTO (European Tyre and Rim Technical Organisation). Data of various tyre manufacturers can vary slightly.

HUBODOMETERS



600-4311



600-9999

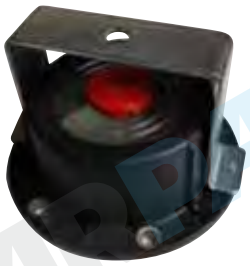


650 Series

STEMCO

STEMCO HUBODOMETERS			
PART NO.	**DESCRIPTION**	**TYRE SIZE**	**REVOLUTIONS**
600-4311	DataTrac Pre-Programmed Electronic	11 R 22.5	311
600-4342		275/70 R22.5	342
600-4357		255/70 R22.5	357
600-9999	DataTrac Programable Electronic, suits any tyre size	All Tyre Sizes	-
801-1000	DataTrac Programmer	-	-
600-9999P	DataTrac Pre-Programmed Electronic	All Tyre Sizes	-
604-9999	TracBat RF - Field Programmable	All Tyre Sizes	-
650-0536	Mechanical	11 R 22.5	311
650-0540		275/80 R22.5	320
650-0546		265/75 R22.5	336
650-0550		255/70 R22.5	357
650-0556		265/70 R19.5	380
650-0572		215/75 R17.5	432
650-0664		295/75 R22.5	330
650-0724		275/70 R22.5	342
650-0725		315/75 R22.5	315

HUBODOMETERS



610-0065

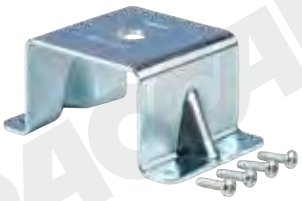


610-0090



610-0084







STEMCO

STEMCO HUBODOMETER ACCESSORIES		
PART NO.	**DESCRIPTION**	**APPLICATION**
359-6117	Window Kit, Suit Hubometer G.P. (88.9mm)	General Purpose Axle
610-0065	Bracket Hubodometer - Two Leg	5-½" Bolt Circle Hub Caps
610-0084	Bracket Hubodometer - Four Leg	6-¾" Bolt Circle Dia (Stemco Cap Only)
610-0090	Bracket Hubodometer - Square Bolt on Bracket to H/C Window	H/C Window

HENDRICKSON
The World Rides On Us®

HENDRICKSON HUBODOMETER ACCESSORIES		
PART NO.	**DESCRIPTION**	**APPLICATION**
98870-127	Bracket-Mounting, Hubodometer (Suits HN Trailer Axle)	HN Trailer Axle
98870-182	Bracket 3 Prong, Hubodometer (Suits HP Trailer Axle)	HP Trailer Axle

HUBODOMETERS



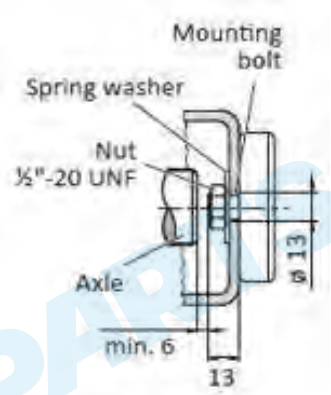
JOST

JOST HUBODOMETERS			
PART NO.	**DESCRIPTION**	**TYRE SIZE**	**SUITS**
JK3175-3220	Mechanical - 10 x 20/11R x 22.5	3,175 - 3,220mm	▪ 10 x 20 ▪ 11 x 22.5 ▪ 14.8 x 22.5 ▪ 295.8 x 22.5 ▪ 315.75 x 22.5 ▪ 375.7 x 20 ▪ 405.7 x 20

Fitting Instructions for Jost Hubodometer

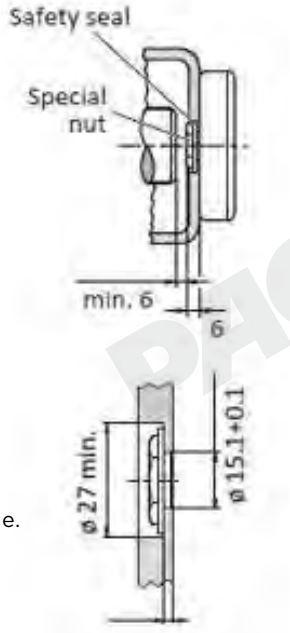
Hubometer – Normal Version (J...)
When mounting the Hubometer to your existing hub-cap proceed as follows:

- Check whether there is enough clearance to the end of the axle, at least 6mm clearance is required after mounting.
- The contact surface of the hub-cap must be flat, if necessary, by machining.
- Drill the concentric 13mm mounting hole.
- Install the Hubometer with the spring washer & nut supplied.
- Torque the nut to 12Nm (1.5mkp) maximum, just sufficient to flatten the spring washer.



Hubometer – Short Version (JK...)
Where fitting has to take place in a restricted space this type of Hubometer is used.
It has a shortened clamping bolt.

- Fitting is effected using a special plain nut & a combined sealing/retaining ring.
- Tightening torque max. 15Nm (1.5mkp).
- Fixing & centring in the axle cap requires a concentric hole of 15.1mm diameter with axle caps of more than 2mm wall thickness, the nut should be counterbored.



Important!
The Hubometer must always be fitted concentrically. Oscillations due to unbalanced running impair the service life & the counting accuracy. It is advisable to fit the Hubometer on the right-hand side of the vehicle. With three-axle assemblies, the Hubometer should be fitted on the middle axle. Check that the fitted Hubometer does not cause the vehicle to exceed its maximum admissible width.

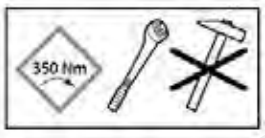
Special Axle Caps

- When installing axle caps with a clip function (e.g. JAS, DC, Schmitz, SAF) you must take care that they are pressed in position without using impacts, as far as possible. Otherwise the counter may suffer damage.
- When installing axle caps with threaded connections (e.g. BPW) you must make sure they are fitted free from vibration.
- The installation guidelines provided by the axle manufacturer must be observed. A hammer is not a suitable tool.
- JOST axle caps with threads (JHU...) must be tightened after driving the first 500 kilometres.

Cleaning
Chemical agents must not be used for cleaning of the Hubometer.

To avoid damage to the counter, ensure jolt-free installation!





NOTES

HUB SEALS



46300

STEMCO

CR SCOTSEAL			STEMCO		DIMENSIONS		
STANDARD	PLUS "XL"	PRO	GREASE	OIL	I.D	O.D	SUITS AXLE TYPES
T04-42623S	42627		T04-STM-0723TGS (Replaces STM-0723G)	T04-307-0723 (Replaces 307-0723)	107 mm	152 mm	Early Fruehauf Axles
				T04-371-0023 (Replaces 371-0023)			Fruehauf Propar Axles
				T04-372-7099 (Replaces 372-7099)			SAF Holland P Series Axles
				T04-373-0123 (Replaces 373-0123)			Eaton JE 501 -L 16-½" x 7" Brakes
T04-40136S	40129		T04-STM-0713G (Replaces STM-0713G0)	T04-307-0713 (Replaces 307-0713)	102 mm	127 mm	Dana D21, K21 Axles Early G.P. Axles Freighter A19 H Axles
T04-43752S	43754		T04-STM-0744G (Replaces STM-0744G)	T04-373-0144 (Replaces 373-0144)	102 mm	127 mm	Early G.P. Axles Eaton E34 Axles
46305s	46300	46303	T04-STM-0743G (Replaces STM-0743G)	T04-307-0743 (Replaces 307-0743)	117 mm	152 mm	Most Late G.P. Axles
				T04-371-0043 (Replaces 371-0043)			
				T04-372-7097 (Replaces 373-7097)			
				T04-373-0143 (Replaces 373-0143)			
NA			NA	T04-4524	143 mm	167 mm	BPW New Gen
				373-0243	117 mm	152 mm	Meritor, Standard Forge, Dana, Eaton
				373-0113	102 mm	146 mm	

I.D – INSIDE DIAMETER O.D – OUTSIDE DIAMETER

HUB SEALS



0256647400

TRANSPEC

PART NOs.		DIMENSIONS		
GREASE	OIL	I.D	O.D	SUITS AXLE TYPES
NA	0256644657	143 mm	167 mm	New Generation H91, H10, R10 420x180 mm Brakes
0331097300	NA	120 mm	157 mm	New Generation H91, H10, R10 420x180 mm Brakes
0331098210	NA	120 mm	157 mm	New Generation H91, H10, R10 420x180 mm Brakes
NA	0256645700	115 mm	138 mm	ECO H9000
NA	0256645800	115 mm	138 mm	ECO H91/10/R10
0256647400	NA	117 mm	158 mm	ECO PLUS
0256647700	NA	128 mm	165 mm	ECO PLUS 3



393-0273

Fuwa KHITCH

PART NOs.		DIMENSIONS		
FUWA K-HITCH	STEMCO	I.D	O.D	SUITS AXLE TYPES
NA	373-0223	107 mm	152 mm	KF21, KF22, KF23, KF61, KF67 & KF26/KK36
NA	393-0273	121 mm	160 mm	KF22, KF37, KF26/KK36
KH46305	373-0243	117 mm	152 mm	KF22, KF37 & KK44
	373-0223	107 mm	152 mm	KF26/KK36
KH47690	NA	107 mm	152 mm	KF12

I.D – INSIDE DIAMETER O.D – OUTSIDE DIAMETER

HUB SEALS



4373003501

SAF Holland

PART NOs.			DIMENSIONS		
GREASE	OIL	NOTES	I.D	O.D	SUITS AXLE TYPES
NA	4373003501		117 mm	152 mm	J-Series-K2 Hub (10 X 285.75 mm PCD) J-Series-K2 Spider Hub
4373004700	NA		111 mm	138 mm	Z9-4218 NG Axle (used on Intradrum) - Dual Wheels
NA	1092200100	Outer Hub Seal	86 mm	127 mm	J-SERIES, RZ 12242 / 18C, RZ 10242 / 18C
NA	3434301700	Hub Seal Kit	117 mm	152 mm	



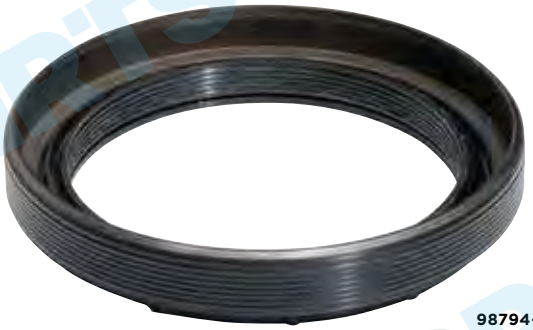
79786114

YORK

PART NOs.		DIMENSIONS		
GREASE	OIL	I.D	O.D	SUITS AXLE TYPES
NA	79786114	117 mm	152 mm	2782 / 2784 / RB / 2785 Stud Type Drum Axles 2782 / 2784 RB Spider Drum Axles 2783 Drum Axles 2950 Drum Axles 2970 P22 Drum Axles
	79786918	117 mm	152 mm	2980 P19 Drum Axles 2682 / RB / 2685 Outback Stud Type Drum Axles
	79991067	117 mm	152 mm	2682 / RB Outback Spider Drum Axles 2782 / 2784 / RB / 2785 Stud Type Drum Axles
	79A789008	117 mm	152 mm	2682 / RB / 2685 Outback Stud Type Drum Axles 2682 / RB Outback Spider Drum Axles
	79502776	125 mm	160 mm	2980 Drum Axles

I.D – INSIDE DIAMETER O.D – OUTSIDE DIAMETER

HUB SEALS



98794-002

HENDRICKSON
The World Rides On Us®

PART NOs.			DIMENSIONS		
GREASE	OIL	NOTES	I.D	O.D	SUITS AXLE TYPES
NA	98794-006	Hub Mounted	117 mm	152mm	▪ Conventional HN 5 Spoke Spider Wheel End - 22.5″ ▪ Conventional HN Disc Brake Wheel End - 19.5″ & 22.5″ ▪ Conventional HN Drum Brake Wheel End - 22.5″
	98794-012	Spindle Mounted	107 mm		
	S-27267	Hub Mounted	117 mm		
NA	98794-002	Spindle Mounted	107 mm	152mm	▪ Conventional HP Drum Brake Wheel End - 22.5″
	A-27268	Hub Mounted			
NA	S-27267	Hub Mounted	107 mm	152mm	▪ HXL2 & HXL5 HN Disc Brake Wheel End - 19.5″ & 22.5″ ▪ HXL2 & HXL5 HN Drum Brake Wheel End - 22.5″
NA	A-27268	Hub Mounted	107 mm	152mm	▪ HXL2 & HXL5 HP Drum Brake Wheel End - 22.5″ ▪ HXL7 HP Disc Brake Wheel End - 22.5″ ▪ HXL7 HP Drum Brake Wheel End - 22.5″
97097-030		Spacer & Seal Kit - Hub Mounted	117 mm	152mm	▪ Preset HN Disc Brake Wheel End - 22.5″ ▪ Preset HN Drum Brake Wheel End - 19.5″ & 22.5″
NA	98794-006	Hub Mounted	107 mm		
	S-27267				
97097-031	NA	Spacer & Seal Kit - Hub Mounted	107 mm	152mm	▪ Preset HP Drum Brake Wheel End - 22.5″
NA	A-27268	Hub Mounted			

I.D – INSIDE DIAMETER O.D – OUTSIDE DIAMETER

AXLE NUTS

PART NO.	NUT SIZE A/F (MM)	THREAD SIZE	HEIGHT INCH (MM)	APPLICATION
T04-4001 	2-3⁄16″ (56mm)	1-½″ - 12	1-½″ (38mm)	▪ Fruehauf (Early) Axles ▪ Use with washer T04-4010
0326216080 	2-½″ (65mm)	M42 x 2	1-9⁄16″ (40mm)	▪ BPW 9000 Lightweight Axles
0326646020 	2-½″ (65mm)	M52 x 2	1-⅝″ (42mm)	▪ BPW 9000 Lightweight Axles Eco Hubs ▪ Use with washer 0332064010
T04-4006 	2-⅝″ (67mm)	2-⅝″ - 16	11⁄32″ (9mm)	▪ GP Trailer Axles Outer Lock Nut ▪ Use with washers T04-4007, T04-8680 ▪ Included in Kit T04-4011AU
0326217080 	3-⅛″ (80mm)	M52 x 2	2-1⁄16″ (52mm)	▪ BPW Old Generation Axles
0326217120 	3-⅛″ (80mm)	M52 x 2	1-9⁄16″ (40mm)	▪ BPW New Generation Axles
0326217160M  	3-⅛″ (80mm)	M52 x 2	1-9⁄16 (40mm)	▪ BPW ECO Axles with New Generation wheel ends ▪ Same Nut as 0326217120 with additional machined surface as pictured

AXLE NUTS

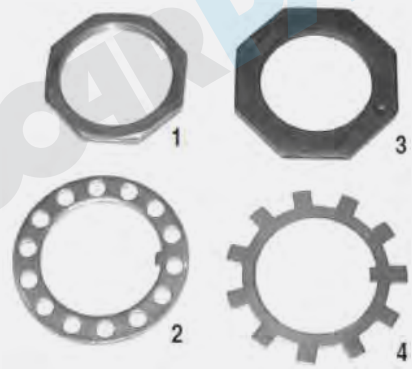
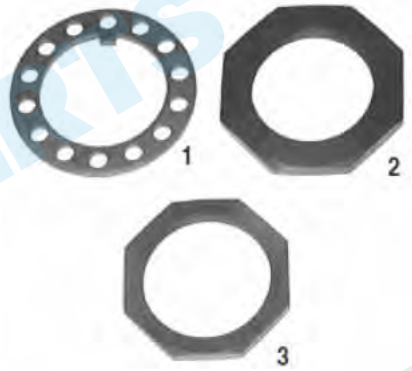
PART NO.	NUT SIZE A/F (MM)	THREAD SIZE	HEIGHT INCH (MM)	APPLICATION
0326647030 	3-⅛" (80mm)	M52 x 2	1-⅝" (42mm)	▪ BPW New Generation Axles Eco Hubs ▪ Use with washer 0332064010
T04-4014 	3-³⁄₁₆" (81mm)	2-⅜"	½" (13mm)	▪ NLA* PART OBSOLETE ▪ Rockwell RN Axles Inner Lock Nut ▪ Use with washer T04-4013
T04-4016 	3-¼" (83mm)	2-½" - 12	1-⅜" (35mm)	▪ NLA* PART OBSOLETE ▪ Freighter MK V Axles
T04-4012 	3-¼" (83mm)	3-¼" - 16	¹¹⁄₃₂" (9mm)	▪ Rockwell RN Axles Outer Lock Nut ▪ Use with washer T04-4013
T04-4093 	3-¼" (83mm)	-	-	▪ NLA* PART OBSOLETE ▪ Use Kit T04-4094 Instead ▪ ROR TN Axles Outer Lock Nut ▪ Use with washer T04-4097
T04-4096 	3-¹¹⁄₁₆" (94mm)	2-½" - 16	⅜" (10mm)	▪ York 2000 Series Axles Inner Nut ▪ Use with washer T04-4097 ▪ Included in Kit 74502466
T04-4098 	3-¹¹⁄₁₆" (94mm)	2-½" - 16	⅜" (10mm)	▪ York 2000 Series Axles Outer Nut ▪ Use with washer T04-4097 ▪ Included in Kit 74502466
0580700440 	3-¹¹⁄₁₆" (94mm)	M52 x 2	1-⅝" (41mm)	▪ BPW Eco Plus 3 Nut & Washer

*NLA - NO LONGER AVAILABLE

AXLE NUTS

PART NO.	NUT SIZE A/F (MM)	THREAD SIZE	HEIGHT INCH (MM)	APPLICATION
0326647030 	3-1 1/16" (94mm)	M52 x2 / 120 SW80	1-5/8" (41mm)	BPW Eco Plus 3
0326217120 	3-1 1/16" (94mm)	M52 x2 / 106 SW80	1-5/8" (41mm)	BPW Eco Plus 3
T04-4092 	3-3/4" (95mm)	M65 x 1.5	3/8" (10mm)	ROR TN Axles Inner Lock Nut Use with washer T04-4091 Included in Kit T04-4094
T04-4008 	3-3/4" (95mm)	2-5/8" - 16	11/32" (9mm)	GP Trailer Axles Inner Lock Nut Use with washers T04-4007, T04-8680 Included in Kit T04-4011AU
T04-447-4743 	3-3/4" (95mm)	2-5/8" - 16	1-3/8" (35mm)	PRO-TORQ Axle Nut GP Trailer Axles
A12-0101 	4-13/16" (122mm)	3.48" x 12	1-3/8" (35mm)	Fruehauf Propar Axles Holland P Series Axles Use with washer T04-4009
T04-4004 	4-13/16" (122mm)	3.48" - 12	7/16" (11mm)	Fruehauf Propar Axles Holland P Series Axles Alternative to A12-0101 Use 2 x Nuts 1 x Washer T04-4005
T04-447-4723 	4-13/16" (122mm)	3.48" x 12	1-3/8" (35mm)	PRO-TORQ Axle Nut Fruehauf Propar Axles Holland P Series Axles

AXLE NUT KITS

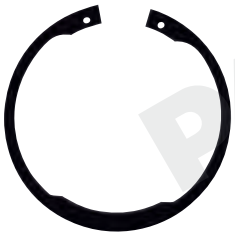
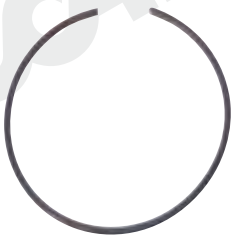
PART NO.	ITEM NO.	PART NO.	DESCRIPTION	QTY	APPLICATION
T04-4011AU 	1	T04-4006	Outer Axle Nut	1	▌GP Trailer Axles ▌Kit Services 1 Wheel
	2	T04-4007	Lock Washer	1	
	3	T04-4008	Inner Axle Nut	1	
	4	T04-8680	Lock Tab Washer	1	
T04-4094 	1	T04-4091	Lock Washer	1	▌ROR TN Axle Metric ▌Kit Services 1 Wheel
	2	T04-4092	Inner Axle Nut	1	
	3	T04-4093	Outer Axle Nut	1	
79502466 	1	T04-4096	Inner Axle Nut	1	▌York 2000 Series ▌Kit Services 1 Wheel
	2	T04-4097	Lock Washer	1	
	3	T04-4098	Outer Axle Nut	1	
	4	T04-8681	Tab Washer	1	

REFER TO INDIVIDUAL PARTS FOR DETAILS & DIMENSIONS

AXLE LOCK SPACER WASHERS

PART NO.	O.D.	I.D.	APPLICATION	APPROPRIATE NUT
T04-4005 	5″ 127mm	3-½″ 89mm	Fruehauf Propar Axles Holland P Series Axles	T04-4004
T04-4007 	3-⅞″ 98mm	2-⅝″ 67mm	GP Trailer Axles	T04-4006 T04-4008
T04-4009 	5″ 127mm	3-½″ 89mm	Fruehauf Propar Axles Holland P Series Axles	A12-0101
T04-4013 	3-13⁄16″ 97mm	2-13⁄16″ 71mm	Rockwell RN Axles	T04-4012 T04-4014
0332073130 	2-⅜″ 61mm	1-11⁄16″ 43mm	BPW 9000 Lightweight Axles ECO Hubs	0326646020
0332064010 	3″ 76mm	2-1⁄16″ 53mm	BPW New Generation Axles ECO Hubs	0326647030
T04-4091 	3-5⁄16″ 100mm	2-⅝″ 67mm	ROR TN Axles	T04-4092 T04-4093
T04-4097 	4″ 102mm	2-½″ 64mm	York 2000 Series Axles	T04-4096 T04-4098
T04-8680 	4″ 102mm	2-⅝″ 67mm	General Purpose Axles	T04-4006 T04-4008
T04-8681 	3-¾″ 94mm (excl. tabs)	2-½″ 64mm	York 2000 Series Axles	T04-4096 T04-4098

AXLE CIRCLIPS, SPLIT PINS & SPRING RINGS

CIRCLIPS			
PART NO.		**I. D.**	**APPLICATION**
0256061290		4-⅜″ 112 x 4mm	▪ BPW 9000 Lightweight Eco Hubs Outer
0256062290		4-¹⁹⁄₃₂″ 122 x 4mm	▪ BPW New Generation Axles Eco Hubs Outer
0256064090		5-⅛″ 140 x 4mm	▪ BPW 9000 Lightweight Eco Hubs Inner
0256066090		6″ 160 x 4mm	▪ BPW New Generation Axles Eco Hubs Inner
0256065890		6-¼″ 158 x 4mm	▪ BPW New Generation Axles Eco 3 Hubs Inner
CRS.S		11-¼″ 285 x 10mm	▪ Fuwa K Hitch KF22 & KF29 Drum Brake 420 x 180mm Unatised Axles ▪ Fuwa K Hitch KF26 & KF36 Disc Brake PAN 19 - TN, TP & Unatised Axles ▪ Also included in kit AXKIT-04 Wheel Bearing & Seal Kit

AXLE CIRCLIPS, SPLIT PINS & SPRING RINGS

SPLIT PINS

PART NO.		DIMENSIONS	APPLICATION
T04-7501		1" Long x ¼" Dia. 25 x 6mm	▪ Fruehauf Propar Axle ▪ Holland P Series Axle
0262018201		2" Long x 5⁄16" Dia. 50 x 8mm	▪ BPW 9000 Lightweight Axle
0262018401		2-½" Long x 5⁄16 Dia. 63 x 8mm	▪ BPW Old Gen ▪ BPW New Gen ▪ Early Fruehauf Axles
0308471170		Solid Pin 1-¾" Long x 5⁄16" Dia. 45 x 8mm	▪ BPW New Generation ECO Hubs ▪ BPW 9000 Lightweight ECO Hubs
0327700070		Locking Wedge 11.5 x 19mm	▪ BPW New Generation ECO Plus Hubs ▪ BPW 9000 Lightweight ECO Plus Hubs

SPLIT RINGS

PART NO.		DIMENSIONS	APPLICATION
0318804080		2-½" 66 x 2mm	▪ BPW New Generation ECO Hubs
0318803060		2-⅛" 54 x 2mm	▪ BPW 9000 Lightweight ECO Hubs
0318804100		2-7⁄16" 62 x 1.8mm	▪ BPW 9000 Lightweight ECO Hubs

NOTES

AXLE TOOL INFORMATION

The wide range of PACCAR Parts of axle tools helps you find the right tool for the job.

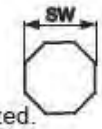
To assist identifying which tool suits your needs, the following information displays the many different styles of tool for the various shapes of axle nuts and hub caps found on trucks and trailers.

RING SPANNER FOR HUB CAP

Designed for emergency use, this ring spanner can be carried in the vehicle tool kit for use anywhere at any time. Caution - repeated use of this spanner may lead to damage to the hub caps.



Steel Plate (ST 52), galvanized.



SW Octagonal

Part no. 03.339.04.01.0 = 95mm
Part no. 03.339.05.01.0 = 110mm
Part no. 03.339.05.02.0 = 120mm
Part no. 03.339.05.03.0 = 130mm

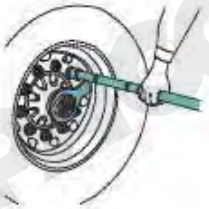






SW BPW Shape

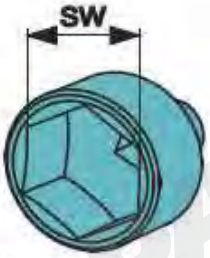
Part no. 03.339.04.03.0 = 95mm
Part no. 03.339.05.04.0 = 110mm



Note: Always check the setting with a torque wrench as soon as possible afterwards.

SOCKET SPANNER

To correctly set the bearing play in the hub and to tighten hubcaps utilizing a torque wrench. These spanners are for workshop use.



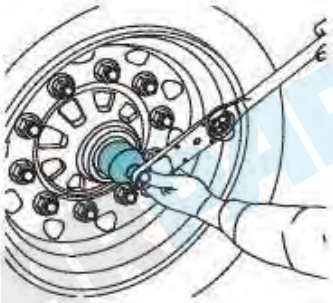
Chromium-steel box spanner (31 CR V3)

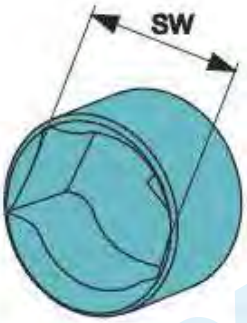


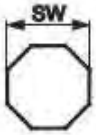
For axle nuts

SW BPW Shape - ½" drive
Part no. 03.364.20.03.0 = 65mm
Part no. 03.364.24.03.0 = 80mm

ECO Plus socket = 29mm
does all ECO Plus 05.364.26.05.0





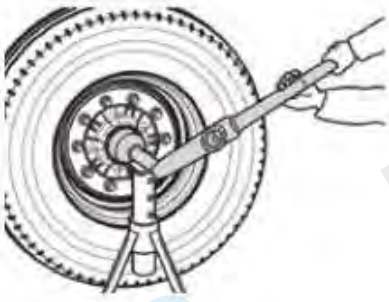




For hub caps

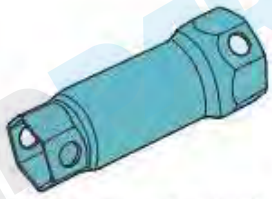
SW Octagonal - 1" drive
Part no. 03.364.27.04.0 = 110mm

SW BPW Shape
Part no. 03.364.29.02.0 = 95mm
Part no. 03.364.29.03.0 = 110mm
1" drive torque wrench required



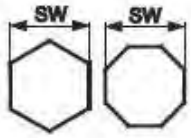
AXLE TOOL INFORMATION

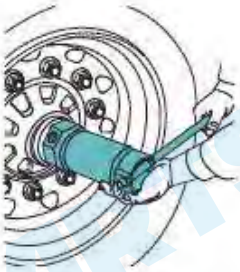
BOX SPANNER FOR HUB CAP AND AXLE NUT



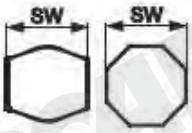
Steel tube, lond design, galvanized

SW Hexagonal - 80mm
SW Octagonal - 110mm
Part no. 03.364.27.01.0









SW BPW shape - 80mm
SW Octagonal - 110mm
Part no. 03.364.27.03.0



COMBINATION SPANNER



Galvanized

BPW Transpec also offers a combination spanner where the Ring Spanner for the Hubcap is welded to the Box Spanner for the Axle Nut.

Part no. - 0336427010M = 80mm hex / 110 mm Octagonal
Part no. - 0336426030M = 65mm BPW Shape / 95mm Octagonal
Part no. - 0336427030M = 80mm BPW Shape / 110mm Octagonal

BOX SPANNER

For setting of BPW Hub Unit Axle Nuts



Steel tube, galvanized.

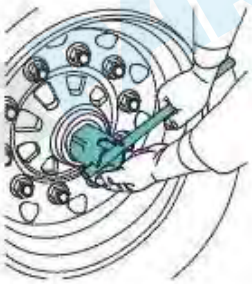






SW Hexagonal

Part no. 03.364.20.01.0 = 65mm
Part no. 03.364.24.01.0 = 80mm
Part no. 03.364.25.01.0 = 85mm
Part no. 05.364.26.05.0 = 95mm
Part no. 03.364.26.02.0 = 100mm



SW BPW Shape

Part no. 03.364.20.02.0 = 65mm
Part no. 03.364.24.02.0 = 80mm



Note: Always check the setting with a torque wrench as soon as possible afterwards.

AXLE TOOLS
HUB CAP & AXLE NUT SOCKETS

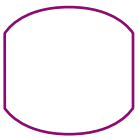
There are 3 common types of Hub Cap & Axle nut sockets; identified as Type 1, Type 2 & Type 3 in the table below



8 POINT
TYPE 1



6 POINT
TYPE 2



BPW SHAPE
TYPE 3

PART NO.	DESCRIPTION	DIMENSIONS	APPLICATION
309001	Type 2, Hexagon (6 Point) ¾" Square Drive Socket	2-3/32"	
309014		2-¼"	
309006		2-⅜"	
309007		2-⅜"	
309015		2-½"	
309002		2-9/16"	
309021	Hexagon (6 Point) Rounded ¾" Square Drive Socket	2-9/16"	
309016	Type 2, Hexagon (6 Point) ¾" Square Drive Socket	2-⅝"	
309017		2-¾"	
309025		2-⅞"	
309024		3"	
309003		3-¼"	
309004		3-½"	
309020		3-⅞"	
309008		4"	Suit Rockwell Drive
309009		4-⅛"	Suits Rockwell / Eaton Drive
309010		4-⅜"	
309012		4-⅞"	
309023	Type 1, Octagon (8 Point), ¾" Square Drive Socket	2-⅜"	
309018	Type 1, Octagon (8 Point) Rounded, ¾" Square Drive Socket	2-¾"	
309022	Type 1, Octagon (8 Point), ¾" Square Drive Socket	3-⅞"	Suits most G.P. Trailer Axles Suits GP Inner Axle Nuts
309026	Type 1, Octagon (8 Point), ¾" Square Drive	3-¼"	Suits GP Outer Axle Nuts
309005		3-½"	
309019		3-¾"	Suits York 2000 Trailer Axle
309027		3-13/16"	
309011		4-⅜"	
T04-7021		4-13/16"	Suits Fruehauf/Holland Propar Type Cap & Spindle Nut
309013		4-⅞"	

AXLE TOOLS
HUB CAP & AXLE NUT SOCKETS

There are 3 common types of Hub Cap & Axle nut sockets; identified as Type 1, Type 2 & Type 3 in the table below



8 POINT
TYPE 1

6 POINT
TYPE 2

BPW SHAPE
TYPE 3

PART NO.	DESCRIPTION	DIMENSIONS	APPLICATION	CROSS REF.
4434382800L	Axle Nut Socket	SW 85mm	Suits Z9-4218 NG Axle (used on Intradrum) - Dual Wheels / ZI9-19W Axle - (Wabco Caliper INTEGRAL rotor) - Dual Wheels	
0336427010	Type 1 / Type 2 Box Spanner	SW Octagonal 110mm SW Hexagonal 80mm Length 265mm	Use with Hub Caps & Axle Nuts, Steel Tube, Galvanised Suits BPW EH 6.5 - 9T	03.364.27.01.0
0336427010M	Type 1 / Type 2 Combination Spanner	110mm Octagonal 80mm Hexagonal Galvanised	Hub Cap Ring Spanner Welded to Axle Nut Box Spanner Suits BPW Old Generation	03.364.27.01.0
0336426030M	Type 1 / Type 3 Combination Spanner	95mm Octagonal 65mm BPW Shape Galvanised	Hub Cap Ring Spanner Welded to Axle Nut Box Spanner Suit BPW Lightweight 9000	03.364.26.03.0
0336427030M	Type 1 / Type 3 Combination Spanner	110mm Octagonal 80mm BPW Shape Galvanised	Hub Cap Ring Spanner Welded to Axle Nut Box Spanner Suits BPW New Generation & ECO Hub	03.364.27.03.0
0336424010	Type 2 Axle Nut Socket / Box Spanner	SW Hexagonal 80mm	Suit BPW Old and New Generation	03.364.24.01.0
0536426050	Type 2 Box Spanner	SW Hexagonal 95mm Length 85mm	Use with Axle Nuts, Chromium-Steel Suits BPW H/K ECO Plus	05.364.26.05.0
E-1914	Type 2, Hexagon (6 Point) ¾" Square Drive	Hexagonal, 4"		
0336420020	Type 3 Axle Nut Socket / Box Spanner	65mm Oblong 80mm Length	Suits BPW Lightweight 9000, including ECO Hub	03.364.20.02.0
0336424020	Type 3 Axle Cap Socket / Box Spanner	80mm, Steel Tube Galvanised	SW BPW Shape (Oblong) Suits BPW New Generation & ECO Hub	03.364.24.02.0
0333904030	Type 3 Axle Hub Cap Ring Spanner	95mm Oblong 233mm Length	Suits BPW Lightweight 9000, including ECO Hub for Axle Types H 6.5 - 9T, K 8 - 9T, N 6 - 9T	03.339.04.03.0
0333905040	Type 3 Axle Hub Cap Ring Spanner	110mm Oblong 240mm Length	Suits BPW New Generation & ECO Hub for Axle Types H/K/N: 10 - 12T	03.339.05.04.0
0336429030	Type 3 Box Spanner	SW Shape Hexagonal Socket 110mm	Use with Hub Caps, Chromium - Steel Suits BPW H/K/N ECO 6.5 - 12T & H/K ECO Plus	03.364.29.03.0
0336420030	Type 3 Box Spanner ½" Square Drive	SW BPW Shape 65mm	Use with Axle Nuts, Chromium - Steel Suits BPW H/K/N 6 - 9T Conv. & H/K/N 6 - 9T ECO	03.364.20.03.0
0336424030	Type 3 Box Spanner ½" Square Drive	SW BPW Shape 80mm	Use with Axle Nuts, Chromium - Steel Suits BPW H/K/N 10 - 12T Conv. & H/K/N 10 - 12T ECO	03.364.24.03.0
0336429020	Type 3 Box Spanner 1" Square Drive	SW BPW Shape 95mm	Use with Hub Caps, Chromium - Steel Suits BPW H/K/N 6.5 - 9T Conv.	03.364.29.02.0

AXLE TOOLS
WHEEL NUT WRENCHES



WHEEL NUT WRENCHES		
PART NO.	**DESCRIPTION**	**DIMENSIONS**
TWB032	Double end Wheel Nut Wrench	27mm x 24mm x 300mm
TWB036		32mm x 17mm x 300mm
TWB038		36mm x 27mm x 300mm
TWB041		38mm x 21mm x 395mm
TWB041A		41mm x 21mm x 395mm
TWB118		41mm x 19mm x 395mm
TWB516		1-⅛"x 1-⁵⁄₁₆" x 395mm
TWB516A		1-⁵⁄₁₆" x 1-¼" x 395mm

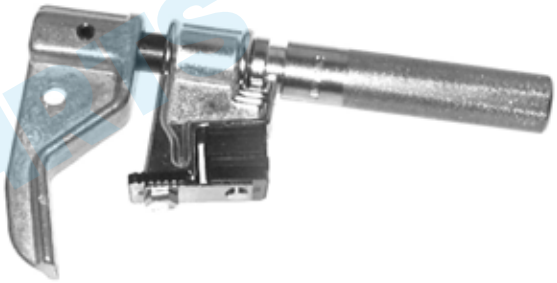


WHEEL NUT WRENCH HANDLES				
PART NO.	**DESCRIPTION**	**DIMENSIONS**	**APPLICATION**	**CROSS REF.**
T04-7016	Hex Handle for Wrench	¾" Hex Bar x 560mm Long	To suit TWB Axle Nut Wrench below	E-5854
BARTWW050		¾" Hex Bar x 500mm Long		



TORQUE MULTIPLIER KIT	
PART NO.	**DESCRIPTION**
309055	▌Torque Multiplier Kit 1:56 3,200Nm ▌Socket Sizes Included 24, 27, 30, 32, 33, 36 & 38mm ▌Gear Ratio 1:56 ▌Max Output 3,200Nm (2,360lb/ft)

AXLE TOOLS
THREAD REPAIR



THREAD REPAIR		
PART NO.	**DESCRIPTION**	**CROSS REF.**
T04-7015	Axle Spindle Thread Restorer Application Axle Spindle Restorer - 1-¼" to 5" Supplied with Imperial Dies TPI Range - 4, 5, 6, 7, 7-½, 8, 9, 10, 11, 11-½, 12, 14, 16, 18, 20, 24	Bosch 7402
T04-7013	Replacement Imperial Die Set for T04-7015	Bosch E-2644
T04-7014	Replacement Metric Die Set for T04-7015	

MISCELLANEOUS TOOLS — BRAKE			
PART NO.	**DESCRIPTION**	**APPLICATION**	**CROSS REF.**
0500104040	Driving Mandrel - Complete, use for S-Cam Bushes on BPW Drum Brake Axles	Suits BPW Drum Brake Axles	05.001.04.04.0
4434382200	Universal Hub Puller	Suits Z9-4218 NG Axle (used on Intradrum) - Dual Wheels & ZI9-19W Axle - (Wabco Caliper INTEGRAL rotor) - Dual Wheels	
5387004203	LiLube Fitting Paste	Suits Z9-4218 NG Axle (used on Intradrum) - Dual Wheels	
3434366000	Caliper Bolt Kit Suits One Caliper (4 bolts)	Suits ZI9-19W Axle - (Wabco Caliper INTEGRAL rotor) - Dual Wheels	
3434332700	Ratchet Wrench	Suits ZI9-19W Axle - (Wabco Caliper INTEGRAL rotor) - Dual Wheels	
3434332800S	Universal Toolbox	Suits ZI9-19W Axle - (Wabco Caliper INTEGRAL rotor) - Dual Wheels	
309039	Wheel Pan		
309035	Tyre Lever 600mm		

AXLE TOOLS
BPW TOOL KIT

PART NO.	DESCRIPTION	APPLICATION
99.00.000.9.72	Tool Case - BPW ECO Disc TS2 / TSB, contains all tools that may be required to hand. Additionally offers special measuring devices for checking dimensions on axles & suspensions	Suits BPW ECO Disc TS2 / TSB

KIT DETAILS

PART NO.	DESCRIPTION	TSB	TS2	BPW NO.	DIMENSIONS
T1	Threaded spindle	•	•	02.0130.39.10	Tr 20 x 2 / SW 22
T2	Ball bearing	•	•	02.0130.40.10	Ø 20.5/40 x 14.5
T3	Sleeve	•	•	02.1410.26.00	Ø 20.2/42 x 75.5
T4	Extractor tool for moveable & fixed bearings	•	•	02.0130.41.10	Ø 20.5/40.1 x 71
T5	Pressing tool for moveable bearing	•		02.0130.42.10	Ø 20.5/45.8 x 48
T6	Nut	•	•	02.5270.37.00	Tr 20 x 2 / SW 32
T7/T20	Retractable plate	•	•	02.1421.25.00	Ø 20.2/53 x 13
T8	Pressing tool for fixed bearing	•	•	02.0130.43.10	Ø 20.5/45.8 x 90
T9	Press tool (plastic bellows)	•		02.0130.45.10	Ø 26.1/50 x 60
T10	Torx spanner reset	•	•	02.0130.44.10	TX 25
T11	Two-hole spanner for coarse dirt seal	•	•	02.3516.20.00	
T12	Adapter for moveable bearing bolt	•	•	02.0130.46.10	SW 14 / SW 24
T13	Adapter for sealing plug	•	•	02.0130.47.10	SW 14 / SW 12
T14	Adapter for torque wrench (moveable bearing)	•	•	02.0130.48.10	SW 14
T15	Adapter for torque wrench (sealing cap)	•	•	02.0130.49.10	SW 14
T16	Ring for inserting wheel studs	•	•	02.5683.92.00	Ø 23/46 x 15
T17	Tool for fixed bearing bolt	•	•	02.0130.64.10	SW 14 / SW 14
T18	Tool for moveable bearing bolt	•	•	02.0130.65.10	SW 14 / SW 14
T19	Assembly tool for bellows	•		02.0130.80.10	Ø 27.6/62 x 32
T21	Pressing tool for moveable bearing		•	02.0130.72.20	Ø 20.5/45.8 x 50
T22	Piston for bellow pressing tool		•	02.0130.74.20	Ø 83 / M 20 x 2
T23	Screw for bellow pressing tool		•	02.0130.73.20	M 14 x 2
T24	Spacer for bellow pressing tool		•	02.4319.42.00	SW 24 / M 20 x 2 / M 14 x 2

* TSB Indicates tools used to perform BPW TSB 3709/4309/4312
* TS2 Indicates tools used to perform BPW TS2 3709/4309

PART NUMBERS INDEX

PART NO.	CH	PAGE
001-70003	11.1	
0203165900	10.2	
0210404400	11.4	
0210404500-450	11.4	
0210404700	11.4	
0210404900-20	11.4	
0233170500	10.2	
0233170700	10.2	
0250154882	10.2	
0250159480	10.2	
0250712200	10.2	
0250712300	10.2	
0256010690	10.2	
0256061290	15.3	
0256062290	15.3	
0256064090	15.3	
0256065890	15.3	
0256066090	15.3	
0256644657	14.4	
0256645700	14.4	
0256645800	14.4	
0256647400	14.4	
0256647700	14.4	
0262018201	15.3	
0262018401	15.3	
0301071910	11.2	
0301071920	11.2	
0301071930	11.2	
0301071940	11.2	
0301071950	11.2	
0301071960	11.2	
0301071970	11.2	
0301071980	11.2	
0301081290	11.2	
0301081300	11.2	
0301081310	11.2	
0301081320	11.2	
0308471170	15.3	
0308834060	6.4	
0308834070	6.4	
0308834150	6.4	
0308834160	6.4	
0308835120	6.4	
0308835140	6.4	
0310666100 (NLA)	6.5	
0310667080 (NLA)	6.5	
0310667620	6.5	
0310677620	6.5	
0310967080	6.5	
0310967130	6.5	
0310967170	6.5	
0310967740	6.5	
0310967780	6.5	
0310967810	6.5	
0310967870	6.5	
0310977460	6.5	
0310977470	6.5	
0310990030	6.5	
0310990220	6.5	
0310990240	6.5	
0318803060	15.3	
0318804080	15.3	
0318804100	15.3	
0318907590	10.2	
0318912020	10.2	
0318914610	10.2	
0321223090	14.1	
0321224020	14.1	
0321224070	14.1	
0321224250	14.1	
0321225080	14.1	
0321225310	14.1	
0321225310C	14.1	
0321229060	14.1	
0321229060TS	14.1	
0321229088CTS	14.1	
0326004060	12.1	
0326216080	15.1	
0326217080	15.1	
0326217120	15.1	
0326217160M	15.1	
0326646020	15.1	
0326647030	15.1	
0327228770	11.1	
0327232030	11.1	
0327232040	11.1	
0327243460	11.1	
0327243470	11.1	
0327244510	11.1	
0327246282	11.1	
0327246380	11.1	
0327246390	11.1	
0327247440	11.1	
0327247450	11.1	
0327248880	11.1	
0327700070	15.3	
0329623170	12.2	
0329623240	12.2	
0329633090	12.2	
0329633121	12.2	
0329633171	12.2	
0331008510	10.2	
0331008530	10.2	
0331009390	10.2	
0331097300	14.4	
0331098210	14.4	
0332876510	11.1	
0333904030	15.4	
0333905040	15.4	
0336420020	15.4	
0336420030	15.4	
0336424010	15.4	
0336424020	15.4	
0336424030	15.4	
0336426030M	15.4	
0336427010	15.4	
0336427010M	15.4	
0336427030M	15.4	
0336429020	15.4	
0336429030	15.4	
0337900130	14.1	
0500104040	15.4	
0518915590	10.2	
0521224520C	14.3	
0526054100	12.1	
0526054141	12.1	

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
0531007291	10.2	
0531007300	10.2	
0531008501	10.2	
0536270365	6.2	
0536270375	6.2	
053627060ORAT	6.2	
0536270605	6.2	
053627061ORAT	6.2	
0536270615	6.2	
053627062ORAT	6.2	
0536270625	6.2	
053627063ORAT	6.2	
0536270635	6.2	
0536426050	15.4	
0544430010	9.1	
0544430020	9.1	
0544431010	9.1	
0544431020	9.1	
0544432010	9.1	
0544432020	9.1	
0544433010	9.1	
0544433020	9.1	
0544434010	9.1	
0544434020	9.1	
0544435010	9.1	
0544436010	9.1	
0544436020	9.1	
0544438010	9.1	
0544438020	9.1	
0544439010	9.1	
0544439020	9.1	
0544440010	9.1	
0544440020	9.1	
0544442010	9.1	
0544442020	9.1	
0544444010	9.1	
0544444020	9.1	
0544445010	9.1	
0544445020	9.1	
0580173840	10.2	
0580173860	10.2	
0580173870	10.2	
0580174080	10.2	
0580174090	10.2	
0580700440	15.1	
070R	7.4	

PART NO.	CH	PAGE
0936272110TS	6.2	
0936272120TS	6.2	
0936272131TS	6.2	
0936272141TS	6.2	
0980102170TSCC	11.3	
0980102180TSSC	11.3	
0980102180TSSCO	11.3	
0980102630	6.2	
0980102720TS	11.3	
0980102720TSSC	11.3	
0980106240/310	6.2	
0980106320	6.2	
0980106330	6.2	
0980106330KB	6.2	
0980106360TS	11.3	
0980106890TS	11.3	
0980106890TSSC	11.3	
0980107040TS	11.3	
0980107040TSSC	11.3	
0980107040TSSCT	11.3	
0980107050TS	11.3	
0980107050TSSC	11.3	
0980107050TSSCT	11.3	
0980107611	6.2	
0980107620	6.2	
0980107631	6.2	
0980107940	6.2	
0980107940	6.4	
0980107960	6.2	
0980107960	6.4	
0980108151	6.2	
0980108151	6.4	
0980108161	6.2	
0980108161	6.4	
0980108720	6.4	
0980108730	6.4	
1001064	9.2	
10010TEMA	7.2	
10011-QC	7.2	
1001130	9.2	
1001132	9.2	
100120	9.2	
100160	9.2	
10016TEMA	7.2	
10018621 / 10086311	14.1	
100200	9.2	

PART NO.	CH	PAGE
1002013	9.2	
10020TEMA	7.2	
10021TEMA	7.2	
1002413	9.2	
10028	7.1	
100300	9.2	
1003011	9.2	
1003011-13.10	9.2	
1003014-PL	9.2	
1003015	9.2	
1003025	9.2	
101240	9.2	
1013007	9.2	
1013025	9.2	
102188	12.2	
102290	12.2	
102291	12.2	
103240	9.2	
103300	9.2	
1064026002	6.5	
1064027000	6.5	
1064027700S	6.5	
1064029800	6.5	
1064030400S	6.5	
1064030500S	6.5	
1064030600	6.5	
1092200100	14.4	
110360	8.2	
110701	8.2	
11402	7.1	
11403	7.1	
11451	7.1	
11452	7.1	
11502	7.4	
1203023	9.2	
1216HTLD64-4144	9.1	
1216HTLD64-4148	9.1	
1282	14.1	
12999737	6.2	
12999737	6.4	
12999796	6.2	
12999796	6.4	
12HSCLD64-1705	9.1	
12SCN0-1490	9.1	
1301223	9.2	
1303107512	12.2	

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
1303111210	12.2	
1303111210S	12.2	
1303112510	12.2	
1303112810	12.2	
1303112810LH	12.2	
1343	11.3	
1398005600	11.1	
1416HTLD64-4155	9.1	
1416HTLD64-4156	9.1	
1424HTLD64-1814	9.1	
1424HTLD64-3858	9.1	
1427001	9.1	
1430001	9.1	
14HSCLD64-1813	9.1	
15224518	11.2	
15224836SR	6.2	
15224837SR	6.2	
1612CR	14.1	
1613CR	11.3	
1613CR	14.1	
1616HTLD64-4145	9.1	
1616HTLD64-4149	9.1	
1624HTLD64-1815	9.1	
1624HTLD64-3662	9.1	
1643	11.3	
1644	11.3	
1644CR	14.1	
1669CR	14.1	
1691CR	14.1	
16HSCLD64-1706	9.1	
16SCN1-1491	9.1	
1743	14.1	
1790	14.1	
1824HTLD65-3961	9.1	
1961734	6.4	
1961736	6.4	
2-1022411-12.90	9.2	
200-103	7.4	
200-203	7.4	
201309700	14.2	
2016HTLD65-2522	9.1	
2024HTLD65-3962	9.1	
203165900	10.2	
20HSCLD65-1463	9.1	
20SCN1-1492	9.1	
21008062	11.2	
21008063	11.2	
2103023	9.2	
210401700	10.2	
21205639	11.2	
21220647	11.2	
21220648	11.2	
212227	7.1	
21224522	11.2	
214211100	10.2	
220636	7.1	
22HSCLD65-2000	9.1	
233570	10.1	
234584	10.1	
2430TL2-2826	9.1	
2430TL2-2827	9.1	
2430TN2-2833	9.1	
2430TN2-3105	9.1	
2430TN2-4140	9.1	
2430TN2ULP-80000	9.1	
2430TN2ULP-90000	9.1	
248579	7.1	
24HSCLD65-1465	9.1	
24SCN2-1493	9.1	
254141190	10.2	
271-6/10RL	7.5	
271-6/75RL	7.5	
27200	7.4	
275491G0V	8.2	
278850	7.1	
278851	7.1	
289714	8.2	
3001000102	6.3	
3001000112	6.3	
3001000122	6.3	
3001000132	6.3	
3005017100	11.2	
3005017300	11.2	
3005021900	11.2	
301081010	11.2	
301081020	11.2	
301081030	11.2	
301081040	11.2	
301081050	11.2	
301081060	11.2	
301081070	11.2	
301081080	11.2	
301081290	11.2	
301081300	11.2	
301081310	11.2	
301081320	11.2	
301081330	11.2	
301081340	11.2	
301081350	11.2	
301081360	11.2	
301098050	11.2	
301098060	11.2	
301098080	11.2	
301098090	11.2	
301098120	11.2	
301098130	11.2	
301098451	11.2	
301098461	11.2	
301098690	11.2	
301098700	11.2	
301098910	11.2	
301098920	11.2	
301099330	11.2	
301099340	11.2	
301099350	11.2	
301099360	11.2	
3030T-0MN1-460	9.1	
3030T-0MN1-466	9.1	
3030TN2H-4379	9.1	
3057008000	6.4	
3057008500	6.4	
307-0723	11.3	
3079001601	6.4	
309035	15.4	
309039	15.4	
309055	15.4	
30SCN2-1318	9.1	
30SCN2-1319	9.1	
30SCN2-1494	9.1	
316323040	10.2	
316524640	10.2	
318907350	10.2	
318907580	10.2	
318907590	10.2	
321095	11.3	
32310	11.3	
3262W1245	14.1	
3262W75	14.1	

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
327227410	11.1	
330-3009	14.1	
330-3024	14.1	
330-3025	14.1	
330-3028	14.1	
330-3041	14.1	
330-3077	14.1	
330-3111	14.1	
330-3118	14.1	
330-3122	14.1	
330-3128	14.1	
3302114500	12.2	
3302114500S	12.2	
3304010201	14.1	
3304010901	14.1	
3307304800	11.1	
3307304900	11.1	
3307305001	11.1	
3307305200	11.1	
3307305500	11.1	
3307305700	11.1	
33116	11.3	
33118	11.3	
332064010	15.2	
332073130	15.2	
33213	11.3	
3341292419	12.2	
340-4119	14.1	
340-4270	14.1	
340-4975	14.1	
340-5097	14.1	
342-4009	14.1	
3429050	9.1	
343-4009	14.1	
343-4024	14.1	
343-4025	14.1	
343-4028	14.1	
343-4042	14.1	
343-4046	14.1	
343-4075	14.1	
343-4092	14.1	
343-4095	14.1	
343-4186	14.1	
343-4195	14.1	
343-4249	14.1	
343-4281	14.1	

PART NO.	CH	PAGE
3430050	9.1	
3434301600	11.3	
3434301700	14.4	
3434332700	15.4	
3434332800S	15.4	
3434366000	15.4	
3434401918	11.3	
3434402218	11.3	
35066	11.3	
356-4009	14.1	
356-4046	14.1	
356-4095	14.1	
359-5912	14.1	
359-5995	14.1	
359-5999	14.1	
359-6095	14.1	
359-6100	14.1	
359-6112	14.1	
359-6117	14.3	
359-6145	14.1	
36SCN3-1495	9.1	
373-0113	14.4	
373-0123	11.3	
373-0143	11.3	
373-0223	14.4	
373-0243	14.4	
3782/3720/Q	11.3	
393-0273	14.4	
4006083750	6.3	
40129	14.4	
4079001501	6.4	
4200006000	11.3	
4200100600	11.3	
4220KSB	13.2	
4247301201S	12.1	
42623	11.3	
42623S	11.3	
42627	11.3	
42627	14.4	
4304010200	14.1	
434.100.125.0	8.2	
4373003501	14.4	
4373004700	14.4	
43754	14.4	
43764	11.3	
4410328080	10.2	

PART NO.	CH	PAGE
4410328130	10.2	
4410328140	10.2	
4410329050	10.2	
4410329212	10.2	
4410329222	10.2	
4434382200	15.4	
4434382800L	15.4	
446.122.050.0	10.1	
446.122.051.0	10.1	
446301023MV	10.1	
4463010300	10.1	
449.133.120.0	10.1	
449.133.150.0	10.1	
449.135.060.0	10.1	
449.233.100.0	10.1	
449.233.140.0	10.1	
449.347.025.0	10.1	
449.429.130.0	10.1	
449.535.060.0	10.1	
449.723.030.0	10.1	
449.723.080.0	10.1	
449.911.060.0	10.1	
4497230300	10.1	
450439-4	14.1	
45280/45220/VA6482	11.3	
453795-8	14.1	
453869-8	14.1	
453879-4	14.1	
453906-8	14.1	
453918-8	14.1	
454301-4	14.1	
46300	11.3	
46300	14.4	
46303	11.3	
46303	14.4	
46305	11.3	
46305S	11.3	
46305s	14.4	
47693	11.3	
47697	11.3	
480.102.080.0	10.1	
480.207.001.0	10.1	
480.207.202.0	10.1	
4934NY	7.4	
4935NY	7.4	
49FHM08125016	11.2	

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
5007131	9.1	
5007132	9.1	
5010TEMA	7.2	
5011TEMA	7.2	
5020TEMA	7.2	
521223290	14.2	
521224330	14.2	
521224340	14.2	
521224360	14.2	
521224370	14.2	
521224380	14.2	
521224440	14.2	
521224480	14.2	
521224520	14.2	
521225110	14.2	
521225200	14.2	
521225250	14.2	
521225380	14.2	
521225410	14.2	
521225420	14.2	
521225440	14.2	
521225450	14.2	
521225460	14.2	
521225470	14.2	
521275030	14.2	
521275060	14.2	
531922-98	11.3	
5387004203	15.4	
555S/552A	11.3	
580/572/Q	11.3	
580173880	10.2	
594 A/592 A	11.3	
600-4311	14.3	
600-4342	14.3	
600-4357	14.3	
600-9999	14.3	
600-9999P	14.3	
600026	6.5	
604-9999	14.3	
610	12.3	
610-0065	14.3	
610-0084	14.3	
610-0090	14.3	
610-1	12.3	
640-0003	14.1	
6401951310	6.2	

PART NO.	CH	PAGE
6401951320	6.2	
6402251200	6.2	
6402251210	6.2	
6402259212	6.2	
6461A/6420	11.3	
650-0536	14.3	
650-0540	14.3	
650-0546	14.3	
650-0550	14.3	
650-0556	14.3	
650-0572	14.3	
650-0664	14.3	
650-0724	14.3	
650-0725	14.3	
687732	12.1	
700-305	13.1	
700-420	13.1	
700-465	13.1	
700-745	13.1	
710-202	13.1	
710-210	13.1	
710-215	13.1	
710-220	13.1	
710-240	13.1	
710-445	13.1	
710-447	13.1	
710-460	13.1	
710-502XHD	13.1	
710-560	13.1	
720-2045CH	13.2	
7510TEMA	7.2	
7511TEMA	7.2	
7526TEMA	7.2	
776472DB	13.1	
7910008846	11.1	
7910018609	6.4	
79102190	12.2	
79500848	11.2	
79501576	11.2	
79501577	11.2	
79501715	14.1	
79501887	14.1	
79502472	14.1	
79502776	14.4	
79506414	11.2	
79786111	12.2	

PART NO.	CH	PAGE
79786114	14.4	
79786215	14.1	
79786335	11.2	
79786336	11.2	
79786506	12.2	
79786507	12.2	
79786511	12.2	
79786856	6.5	
79786875	6.5	
79786918	14.4	
79787328	11.1	
79787350/1424R	9.1	
797873501424L	9.1	
7978735416	9.1	
7978735420	9.1	
7978735422	9.1	
7978735424	9.1	
7978735424L	9.1	
7978735424R	9.1	
79787364	6.4	
79787412	6.4	
79787420	6.4	
797874302024	9.1	
797874461216	9.1	
797874461416	9.1	
79787531	11.1	
79787571	6.5	
79787580	6.5	
79787581	12.2	
79787598	6.5	
79787704	6.5	
79787705	11.1	
79787719	14.1	
79788801	6.5	
79788805	11.1	
79788901/YORK	14.1	
79789121	6.4	
79789234	6.5	
79789287	14.1	
79790069	11.2	
79790070	11.2	
79790204	6.5	
79790354	6.5	
79792155	12.2	
7979215601	12.2	
79792161	11.1	

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
79792162	6.5	
79792317	6.5	
79792328	6.5	
79991067	14.4	
79A789008	14.4	
79SB787326100	11.1	
79SB787348100	11.1	
79SB792163100	6.5	
79SB792163117	6.5	
79SB792164100	6.5	
79SB792164117	6.5	
79SB792313	11.1	
8-22-285B3	13.1	
8-22-285P3	13.1	
8-22-335P-32MM1	13.1	
8-22-335P1	13.1	
801-1000	14.3	
8017109	9.2	
8017112	9.2	
8017120	9.2	
8017141	9.2	
8017730	9.2	
811.401.032.4	10.1	
811.401.057.4	10.1	
811.401.080.4	10.1	
812520	13.1	
818531	13.1	
818551	13.1	
818561DB	13.1	
822627	13.1	
823627	13.1	
824621	13.1	
824621DB	13.1	
8292001	9.2	
882513DB	13.1	
882517	13.1	
882520DB	13.1	
882523	13.1	
882523DB	13.1	
882533	13.1	
882533DB	13.1	
892513DB	13.1	
892523DB	13.1	
893.011.711.4	10.1	
89U631	13.1	
89U631DB	13.1	

PART NO.	CH	PAGE
89U641	13.1	
89U641DB	13.1	
8HG227440001	7.4	
8JA227440031	7.4	
8JA227440041	7.4	
8JA227440091	7.4	
8JA227440121	7.4	
8JB227440011	7.4	
8JB227440021	7.4	
8KA227440051	7.4	
8KA227440061	7.4	
8KA227440081	7.4	
8KA227440101	7.4	
8KA227440111	7.4	
8KA227440131	7.4	
8KA227440141	7.4	
8KA227440151	7.4	
8KA227440181	7.4	
8KA905392041	7.4	
900-104	7.4	
9004001	9.2	
9004003	9.2	
97097-007	6.2	
97097-008	6.2	
97097-009	6.2	
97097-013	6.2	
97097-017	6.2	
97097-018	6.2	
97097-030	14.4	
97097-031	14.4	
97098-002	11.3	
97098-003	11.3	
973.002.051.0	8.2	
973.011.006.0	8.2	
973.500.000.0	8.2	
97802-001	6.2	
97805-001	6.2	
98792-013	11.1	
98794-002	14.4	
98794-006	14.4	
98794-012	14.4	
98796-002	14.1	
98800-010	11.3	
98800-011	11.3	
98801-067	11.3	
98801-074	11.3	

PART NO.	CH	PAGE
98801-075	11.3	
98801-076	11.1	
98815-012	6.5	
98815-018	6.4	
98815-019	6.4	
98815-025	6.5	
98815-026	6.4	
98815-027	6.4	
98815-028	6.5	
98815-031	6.4	
98815-032	6.4	
98815-033	6.4	
98817-005	12.1	
98818-049	11.1	
98818-055	11.1	
98818-056	11.1	
98818-057	11.1	
98818-058	11.1	
98818-059	11.1	
98818-060	11.1	
98818-061	11.1	
98818-062	11.1	
98818-063	11.1	
98818-064	11.1	
98818-065	11.1	
98818-066	11.1	
98818-067	11.1	
98818-068	11.1	
98818-069	11.1	
98832-021	9.1	
98832-022	9.1	
98832-102	9.1	
98832-103	9.1	
98832-105	9.1	
98832-106	9.1	
98832-107	9.1	
98832-108	9.1	
98832-109	9.1	
98832-110	9.1	
98832-113	9.1	
98832-114	9.1	
98832-115	9.1	
98832-116	9.1	
98832-117	9.1	
98832-118	9.1	
98832-119	9.1	

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
98832-122	9.1	
98832-130	9.1	
98832-135	9.1	
98832-136	9.1	
98832-137	9.1	
98832-138	9.1	
98832-139	9.1	
98832-140	9.1	
98832-141	9.1	
98832-144	9.1	
98846-005	14.1	
98846-064P	14.1	
98870-127	14.3	
98870-182	14.3	
98881-005	6.2	
98881-005	6.4	
98881-021	6.2	
98881-021	6.4	
98881-040	6.2	
98881-103	6.2	
98881-104	6.2	
98900-002	12.2	
98900-005	12.2	
98900-019	12.2	
98900-022	12.2	
98900-024	12.2	
98920-001	14.1	
98920-002	14.1	
99.00.000.9.72	15.4	
99600BL	8.2	
A-24695	12.1	
A-27268	14.4	
A-32097	14.1	
A-32098	14.1	
A12-0101	15.1	
A3262A27A	14.1	
A3262B28A	14.1	
A3262G215	14.1	
A3262H1178	14.1	
A3262P16A	14.1	
A3262R1370	14.1	
A3262X1506	14.1	
A3262Y1507	14.1	
A3262Z1456	14.1	
A3262Z26A	14.1	
A7-333L4848	14.1	

PART NO.	CH	PAGE
A8-333L4848	14.1	
A8-333V4728	14.1	
ABC103081	8.2	
ABC107455	8.2	
ABC277863	8.2	
ABC279000	8.2	
ABC282382	8.2	
ABC286370	8.2	
ABC286500	8.2	
ABC288221	8.2	
ABC288383	8.2	
ABC296010	10.1	
ABF103	10.1	
ABF110	10.1	
ABF148	10.1	
ABF155	10.1	
ABF272	10.1	
ABF308	10.1	
ABF429	10.1	
ABH8R-15	7.5	
ABR514	8.1	
ABR599	8.1	
ABR925	8.1	
AQ64-DOT-6	10.1	
AQ68-DOT-6XM16	10.1	
AQ72-DOT-6XM12	10.1	
AQ72-DOTS-6X4	10.1	
BARTWW050	15.4	
BC8433	6.4	
BC8435	6.4	
BC8435TP	6.4	
BC8439	6.4	
BK211	11.3	
BT1-0826	11.3	
BT1-0827	11.3	
BTH-0055D	11.3	
BTH-0500	11.3	
C-31699	6.5	
C-32055-3	14.1	
C-32055-4	14.1	
C-32056-3	14.1	
C-32056-4	14.1	
C-33874-4	11.1	
C-34578-4	11.1	
C-38863	9.1	
CA400TRP	8.2	

PART NO.	CH	PAGE
CA700TRP	8.2	
CAS3364325	11.4	
CAS3364326	11.4	
CAS3364327	11.4	
CAS3377121	11.4	
CAS3377122	11.4	
CAS3377123	11.4	
CAS3377124	11.4	
CAS3377125	11.4	
CAS3410566	11.4	
CAS3424677	11.4	
CM10081521	11.3	
CM10081522	11.3	
CM10081730	11.3	
CM10081731	11.3	
CM10082074	6.4	
CP229496	9.2	
CP282592	9.2	
CR1711	14.1	
CRS.S	15.3	
D-30114	6.5	
D-31346-1L	6.2	
D-31346-1R	6.2	
D-32676-1	6.2	
D-32676-1	6.4	
D-32676-15	6.2	
D-32676-3	6.2	
D0T-K1T-1MPER1AL	7.5	
D0T-K1T-METR1C	7.5	
DA5401	7.1	
DA5402	7.1	
DB001TRP	6.5	
DB003TRP	6.5	
DB005TRP	6.5	
DB008TRP	6.5	
DB011TRP	6.5	
DB014TRP	6.5	
DB015TRP	6.5	
DB016TRP	6.5	
DB017TRP	6.5	
DB018TRP	6.5	
DP36	9.2	
E-04975	14.1	
E-1914	15.4	
E-4975H	14.1	
E-6034	12.2	

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
E-6035	12.2	
E-9095A	11.2	
EBS074.00	10.2	
EBS075.12	10.2	
EBSE2S2MA-P1	10.1	
EBSE2S2MB-P1	10.1	
EBSE4S3MB-P1	10.1	
FW336	11.1	
FW352	11.1	
FW428	11.1	
FW429	11.1	
FW431	11.1	
FW443	11.1	
FW444	11.1	
FW473	11.1	
FW497	11.1	
GAFF17534	7.1	
GP-2011-1	11.3	
GP-2011-2	11.3	
GP-32310-1	11.3	
GP-32310-2	11.3	
GP-33116-1	11.3	
GP-3720-1	11.3	
GP-3720-2	11.3	
GP-45220-1	11.3	
GP-45220-2	11.3	
GP-552A-1	11.3	
GP-552A-2	11.3	
GP-572-1	11.3	
GP-572-2	11.3	
GP-592-1	11.3	
GP-592-2	11.3	
GP-6420-1	11.3	
GP-6420-2	11.3	
GP-8210-1	11.3	
GP-8210-2	11.3	
GP-TBS-100	11.3	
GR217C	11.4	
GR217D	11.4	
GR217K	11.4	
GR217P	12.1	
H18-0101	11.2	
H18-0104	11.2	
H18-0204	11.2	
H18-0401	11.2	
H30-9901	11.1	
H30-9901Z	11.1	
H31-0521	11.1	
H31-6101DB	11.1	
H31-9901Z	11.1	
H31-D201	11.1	
H32-9401	6.5	
H32-9901	6.5	
H32-D002	6.4	
H32-D101	6.4	
H32-D102	6.4	
H33-2301	12.2	
H33-2302	12.2	
H33-2401	12.2	
H33808.RP	7.5	
H34-0901	12.1	
HA4009	14.1	
HA4024	14.1	
HM212011	11.3	
HM212049	11.3	
HM212049/011	11.3	
HM212049/011	11.3	
HM218210	11.3	
HM218248	11.3	
HM518410	11.3	
HM518445	11.3	
HM518445/410	11.3	
HP4009	14.1	
HU203	14.1	
JK3175-3220	14.4	
K000029	6.2	
K003783	6.2	
K003784	6.2	
K010603	6.2	
K012633	6.2	
K012634	6.2	
K013173	6.2	
K013174	6.2	
K025670	9.1	
K028022	9.1	
K046771K50	6.2	
K067417K50	6.2	
K078206K50	6.2	
K100010-2430	9.2	
K100010-3030	9.2	
K100010-3636	9.2	
K1001012	9.2	
K1001054-PL	9.2	
K1003024-PL	9.2	
K1011051	9.2	
K108002K50	6.2	
K1103007	9.2	
K1103023	9.2	
K1103023S	9.2	
K112360	9.2	
K112644	8.2	
K144128K50	11.1	
K145-91	7.1	
K169-187	12.1	
K2-1003011-15.15	9.2	
K2-1022411-11.10	9.2	
K305-152	7.4	
KH1897	14.1	
KH3600-0103Z	11.1	
KH3600-0303Z	11.1	
KH3600-3008	11.1	
KH3600/FF	11.1	
KH3600/GF	11.1	
KH3601-0101Z	11.1	
KH3601-0302	11.1	
KH3601-0302Z	11.1	
KH3601-0302Z	11.1	
KH3601-3010	11.1	
KH3601-3010Z	11.1	
KH3601-3011	11.1	
KH3601/FF	11.1	
KH3601/GF	11.1	
KH3602-0101	6.5	
KH3602-0303	6.5	
KH3602-2104	6.5	
KH3602/FF	6.5	
KH3602/GF	6.5	
KH46305	14.4	
KH47690	14.4	
KH52743-11	6.5	
KH800055	11.2	
KH800096	12.1	
KH800104	12.2	
KH800110	14.1	
KH800110B	14.1	
KH800205	14.1	
KH800205B	14.1	
KH800229	11.1	

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
KH800238	12.1	
KH800239	12.2	
KHALU01	14.1	
KHT16	9.1	
KHT20	9.1	
KHT2024EBR	9.1	
KHT24	9.1	
KHT2424EBR	9.1	
KHT2430EBR	9.1	
KHT30	9.1	
KHT3030EBR	9.1	
KN20001	8.2	
KN20031	8.2	
KN20033	8.2	
KN26020	8.2	
KN28060	8.2	
KN28550	8.2	
KN28600	8.2	
KN31200	8.2	
KN32005	8.2	
KN32011	8.2	
KW2783/1	10.2	
LRG702	6.2	
LRG703	6.2	
M8X16X1.75	11.2	
M906054	6.5	
M906105	6.5	
M906107	6.5	
MBR5047	6.4	
MBR5072	6.4	
MBR5073	6.4	
MBR5074	6.4	
MBR5079	6.4	
MBR5125	6.4	
MBR5802	6.4	
MBR5803	6.4	
MBR5804	6.4	
MBR5805	6.4	
MCK1171	6.2	
MCK1298	6.2	
MD1185	7.4	
MDP3087K	6.4	
MDP3124K	6.4	
MDP3126K	6.4	
MDP3162K	6.4	
MDP3169K	6.4	

PART NO.	CH	PAGE
MDP3171K	6.4	
MDP3228K	6.4	
MDP5076	6.2	
MDP5093	6.2	
MW89996B	6.5	
N300016-002	14.1	
NP026773	11.3	
NP026773	11.3	
NP174964	11.3	
NP174964	11.3	
NP503727	11.3	
NP503727	11.3	
NP593561	11.3	
NP593561	11.3	
NP899357	11.3	
NP899357	11.3	
NP965350	11.3	
NP965350	11.3	
R005885	12.3	
S-27267	14.4	
S-27826	6.5	
S-28500-1550	11.2	
S-28500-1650	11.2	
S-28500-1657	11.2	
S-28570-3750	11.2	
S-28570-4350	11.2	
S-28570-4357	11.2	
S-35303-1	6.2	
S-35303-1	6.4	
S-35303-4	6.2	
S-35720-4415	11.2	
S-36224-4375	11.2	
S-36224-4430	11.2	
S-38264-L	9.1	
S-38264-R	9.1	
S-40882-U	9.1	
S-40885-U	9.1	
SB14F144	13.2	
SB2424CCAUS	9.1	
SB2430CCAUS-1	9.1	
SB2430CCAUS-320-1	9.1	
SB3030CCAUS	9.1	
SB3030CCAUS-320	9.1	
SB3636CCAUS	9.1	
SC3MTLTSET	7.4	
SC3MTSTSET	7.4	

PART NO.	CH	PAGE
SC5MTLTSET	7.4	
SC5MTSTSET	7.4	
SET413	11.3	
SET414	11.3	
SET415	11.3	
SET427	11.3	
SET431	11.3	
SET432	11.3	
STM-0723TGS	11.3	
STM-0743G	11.3	
T02-24-24SB	9.1	
T02-24-30ES	9.1	
T02-30-30ES	9.1	
T02-5100	11.3	
T02-8000	7.3	
T02-8001	7.3	
T02-8002	7.3	
T02-8003	7.3	
T02-8004	7.3	
T04-2050	13.2	
T04-307-0713	14.4	
T04-307-0723	14.4	
T04-307-0743	14.4	
T04-3319M	11.1	
T04-3361	11.2	
T04-371-0023	14.4	
T04-371-0043	14.4	
T04-372-7097	14.4	
T04-372-7099	14.4	
T04-373-0123	14.4	
T04-373-0143	14.4	
T04-373-0144	14.4	
T04-4001	15.1	
T04-4004	15.1	
T04-4005	15.2	
T04-4006	15.1	
T04-4007	15.2	
T04-4008	15.1	
T04-4009	15.2	
T04-4010	15.2	
T04-4012	15.1	
T04-4013	15.2	
T04-40136S	14.4	
T04-4014	15.1	
T04-4016	15.1	
T04-4023	14.1	

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
T04-4024CR	14.1	
T04-4024H	14.1	
T04-4029CR	14.1	
T04-4029ST	14.1	
T04-4031CR	14.1	
T04-4038	14.1	
T04-4042	14.1	
T04-4065	14.2	
T04-4091	15.2	
T04-4092	15.1	
T04-4093	15.1	
T04-4096	15.1	
T04-4097	15.2	
T04-4098	15.1	
T04-42623S	14.4	
T04-43752S	14.4	
T04-447-4723	15.1	
T04-447-4743	15.2	
T04-4524	14.4	
T04-6001	12.2	
T04-6002	12.1	
T04-6003	12.2	
T04-6004	12.2	
T04-6005	12.1	
T04-6006	12.2	
T04-6007AU	12.1	
T04-6008AU	12.2	
T04-6048	12.3	
T04-6051	12.3	
T04-6051L	12.3	
T04-6052	12.3	
T04-6054	12.3	
T04-6055	12.3	
T04-6056	12.3	
T04-6090	12.2	
T04-7013	15.4	
T04-7015	15.4	
T04-7016	15.4	
T04-7501	15.4	
T04-8680	15.2	
T04-8681	15.3	
T04-STM-0713G	14.4	
T04-STM-0723TGS	14.4	
T04-STM-0743G	14.4	
T04-STM-0744G	15.1	
T1	15.4	

PART NO.	CH	PAGE
T10	15.4	
T11	15.4	
T12	15.4	
T13	15.4	
T13-ALR1	7.5	
T13-BP1	11.3	
T14	15.4	
T15	15.4	
T16	15.4	
T17	15.4	
T18	15.4	
T19	15.4	
T2	15.4	
T21	15.4	
T22	15.4	
T23	15.4	
T24	15.4	
T2430	9.1	
T3	15.4	
T3030	9.1	
T4	15.4	
T5	15.4	
T6	15.4	
T7/T20	15.4	
T8	15.4	
T9	15.4	
TBS200	11.3	
TO4-7014	15.4	
TRP-A1R-3MLT	7.4	
TRP-A1R-3MST	7.4	
TRP-ACH01	7.1	
TRP101197	8.2	
TRP102277	8.2	
TRP103009	8.2	
TRP103010	8.2	
TRP106165	8.2	
TRP106834	8.2	
TRP106835	8.2	
TRP109001	8.2	
TRP109914	8.2	
TRP123	8.2	
TRP228729	8.2	
TRP27000	8.2	
TRP274746	8.2	
TRP275107	8.2	
TRP275176	8.2	

PART NO.	CH	PAGE
TRP275796	8.2	
TRP277147	8.2	
TRP279180	8.2	
TRP280809	8.2	
TRP281946	8.2	
TRP283700	8.2	
TRP284726	8.2	
TRP286364	8.2	
TRP286460	8.2	
TRP287280	8.2	
TRP288251	8.2	
TRP288605	8.2	
TRP289144	8.2	
TRP289288	8.2	
TRP3802	8.2	
TRP472170	8.2	
TRP5003393	8.2	
TRP5003395	8.2	
TRP5003980	8.2	
TRP5003987	8.2	
TRP5802	11.3	
TRP5805	11.3	
TRP5806	11.3	
TRP5807	11.3	
TRP5820	11.3	
TRP5821	11.3	
TRP5822	11.3	
TRP800350	8.2	
TRPAT01	8.1	
TRPAT02	8.1	
TRPDR001	6.4	
TRPDR003	6.4	
TRPDR004	6.4	
TRPDR005	6.4	
TRPDR007	6.4	
TRPN15759BA	8.2	
TRPWS002	13.2	
TRPWS003	14.1	
TWB032	15.4	
TWB036	15.4	
TWB038	15.4	
TWB041	15.4	
TWB041A	15.4	
TWB118	15.4	
TWB516	15.4	
TWB516A	15.4	

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
ULT391	13.1	
ULT391DB	13.1	
ULT392	13.1	
ULT392DB	13.1	
ULT397	13.1	
ULTRABLK-2B	13.2	
VKBA5809	11.3	
VKBA5810	11.3	
VKBA5811	11.3	
VKBA5812	11.3	
VKBA5813	11.3	
VKHB 2702	11.3	

PART NO.	CH	PAGE
VKHB 2720	11.3	
W1160	12.2	
W855	12.2	
W866	12.3	
WBK1TCR	11.3	
WBK1TCRP	11.3	
WBK1TST0	11.3	
WBK1TSTG	11.3	
WBK2PCR	11.3	
WBK2PCRP	11.3	
WBK2PSG	11.3	
WBK2PST	11.3	

PART NO.	CH	PAGE
WBK2PSTG	11.3	
WBK6TCRP	11.3	
WBK6TSG	11.3	
WBK6TST	11.3	
WBK9PCR	11.3	
WBK9PSG	11.3	
WBK9PSRP	11.3	
WBK9PST	11.3	
WBK9PSTG	11.4	
WE8981	12.3	
WP722	13.1	

NOTES

OUR COMMITMENT TO YOU



AVAILABILITY

With more than 250,000 available truck & trailer parts and accessories, if there's a part you need, chances are we have it. Highly efficient inventory management, investment in innovative warehousing technologies and our extensive dealer network ensure we can deliver on our commitment to having parts available to you throughout Australia.



QUALITY PARTS

You can count on us to deliver the highest quality truck & trailer parts and accessories for all models of Kenworth, DAF and most European and US drivelines. The brands we partner with support this commitment.



TECHNICAL EXPERTISE

Our people know parts, like you know trucks. We're not just a market-leading truck & trailer parts distributor, we're also an industry leader in technical expertise.

PACCAR PARTS PROUD HISTORY EXCITING FUTURE

PACCAR is well known for its long history of manufacturing heavy duty trucks in Australia, Europe, and the United States.

In fact, in 2023, PACCAR Parts celebrated its 50th anniversary globally and in 2024 PACCAR's aftermarket brand TRP celebrated its 30th Anniversary.

Here at PACCAR Parts Australia, we're proud to continue this tradition as a leading, well established, distributor of truck and trailer components, stocking original equipment parts as well as aftermarket lines from a global network of trusted suppliers.

However, its not just our history we're excited about. PACCAR is an industry leader in innovation and new technology. PACCAR is at the forefront of the emerging alternative power system solutions, that are an integral part of the future of road transport. Just as fast as trucks are evolving to meet today's challenges, trailers are changing too. Whether it's road friendly suspensions, integration with truck electronics or axle generators, trailer technology isn't being left behind.

Looking to the future but not losing sight of the important things that make us your trusted Trailer Parts partner.

At PACCAR Parts, our staff's comprehensive knowledge of the technology and parts required to maintain today's sophisticated trailers ensures that your investments stay on the road, not in the workshop.

The wide network of PACCAR Dealers across Australia and New Zealand go the extra mile to ensure you find the right part, at the right time to keep your trailer well maintained, thus maximising uptime.



www.PACCARparts.com.au

PACCAR PARTS TRAILER CATALOGUE

Volume 3 — Suspension



SUSPENSION
Mechanical, Air Bag & Components

INTRODUCTION

With a continued focus on supporting our customers' needs, we are proud to release Volume 3 of our PACCAR Parts Trailer Catalogue. This edition features a comprehensive range of trailer suspension products to suit a variety of applications.

Thanks to the support of leading manufacturers, PACCAR Parts offers you the most current information in the pages to follow. This catalogue includes colour-coded chapters, part numbers, descriptions and dimensions. Additionally, you will find clearly articulated drawings, tables, notes and a cross reference aligning parts with page numbers, enabling technicians to quickly locate the right information.

Our dealer network also continues to expand, with additional TRP stores opening each year, allowing for more convenient access to parts needed to maintain your equipment, whether in Australia, New Zealand or Papua New Guinea.

On behalf of PACCAR Parts Australia, we trust you find Trailer Catalogue Volume 3 as valuable as Volumes 1 and 2.

Best regards,

Mark Santschi
General Manager
PACCAR Parts Australia



TRUCK & TRAILER CONFIGURATION GUIDE

		Description	Max Length (m)	MRM under GML (t)	MRM under CML (t)	MRM under HML (t)
1. COMMON RIGID TRUCKS - GENERAL ACCESS						
(A)	 6.0t 9.0t	**2 Axle Rigid Truck**	≤ 12.5	15.0	CML does not apply	-
(B)	 6.0t 16.5t	**3 Axle Rigid Truck**	≤ 12.5	22.5	23.0	-
(C)	 6.0t 20.0t	**4 Axle Rigid Truck**	≤ 12.5	26.0	27.0	-
(D)	 10.0t* 16.5t	**4 Axle Twinsteer Rigid Truck**	≤ 12.5	26.5	27.0	-
(E)	 10.0t* 20.0t	**5 Axle Twinsteer Rigid Truck**	≤ 12.5	30.0	31.0	-
2. COMMON SEMITRAILER COMBINATIONS - GENERAL ACCESS						
(A)	 6.0t 9.0t 9.0t	**3 Axle Semitrailer**	≤ 19.0	24.0	-	-
(B)	 6.0t 9.0t 16.5t	**4 Axle Semitrailer**	≤ 19.0	31.5	32.0	32.0
(C)	 6.0t 9.0t 20t	**5 Axle Semitrailer**	≤ 19.0	35.0	36.0	37.5
(D)	 6.0t 16.5t 16.5t	**5 Axle Semitrailer**	≤ 19.0	39.0	40.0	40.0
(E)	 6.0t 16.5t 20.0t	**6 Axle Semitrailer**	≤ 19.0	42.5	43.5	45.5

MRM = Maximum Regulatory Mass m = metres t = tonnes

* Add one tonne if twinsteer axle group is load sharing.''The mass of a dog trailer shall not exceed the mass of the towing vehicle under Schedule 1, Part 1, section 2(4) of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.

Please note, additional limits are allowed for steer axles under Schedule 1, Part 2 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation. Table published with kind permission from National Heavy Vehicle Regulator.

©Copyright National Heavy Vehicle Regulator 2019, creativecommons.org/licenses/by-sa/3.0/au

		Description	Max Length (m)	MRM under GML (t)	MRM under CML (t)	MRM under HML (t)
3. COMMON RIGID TRUCK AND TRAILER COMBINATIONS (General access when complying with prescribed mass & dimension requirements)						
(A)	 6.0t 9.0t 9.0t** 9.0t**	**2 Axle Truck & 2 Axle Dog Trailer**	≤ 19.0	30.0	-	-
(B)	 6.0t 9.0t 15.0t	**2 Axle Truck & 2 Axle Pig Trailer**	≤ 19.0	30.0	CML does not apply	-
(C)	 6.0t 16.5t 9.0t 9.0t	**3 Axle Truck & 2 Axle Dog Trailer**	≤ 19.0	40.5	41.0	-
(D)	 6.0t 16.5t 15.0t	**3 Axle Truck & 2 Axle Pig Trailer**	≤ 19.0	37.5	CML does not apply	-
(E)	 6.0t 16.5t 9.0t** 16.5t**	**3 Axle Truck & 3 Axle Dog Trailer**	≤ 19.0	42.5	43.5	-
(F)	 6.0t 16.5t 18.0t	**3 Axle Truck & 3 Axle Pig Trailer**	≤ 19.0	40.5	CML does not apply	-
(G)	 6.0t 16.5t 16.5t** 16.5t**	**3 Axle Truck & 4 Axle Dog Trailer**	≤ 19.0	42.5	43.5	-
(H)	 10.0t* 16.5t 9.0t 16.5t	**4 Axle Truck & 3 Axle Dog Trailer**	≤ 19.0	42.5	43.5	-
(I)	 10.0t* 16.5t 16.5t** 16.5t**	**4 Axle Truck & 4 Axle Dog Trailer**	≤ 19.0	42.5	43.5	-
4. COMMON B-DOUBLE COMBINATIONS - CLASS 2						
(A)	 6.0t 16.5t 16.5t 16.5t	**7 Axle B-double**	≤ 19.0	55.5	57.0	57.0
(B)	 6.0t 16.5t 20.0t 16.5t	**8 Axle B-double**	≤ 26.0	59.0	61.0	62.5
(C)	 6.0t 16.5t 16.5t 20.0t	**8 Axle B-double**	≤ 26.0	59.0	61.0	62.5
(D)	 6.0t 16.5t 20.0t 20.0t	**9 Axle B-double**	≤ 26.0	62.5	64.5	68.0

MRM = Maximum Regulatory Mass m = metres t = tonnes

* Add one tonne if twinsteer axle group is load sharing.**The mass of a dog trailer shall not exceed the mass of the towing vehicle under Schedule 1, Part 1, section 2(4) of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.

Please note, additional limits are allowed for steer axles under Schedule 1, Part 2 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.
Table published with kind permission from National Heavy Vehicle Regulator.
©Copyright National Heavy Vehicle Regulator 2019, creativecommons.org/licenses/by-sa/3.0/au

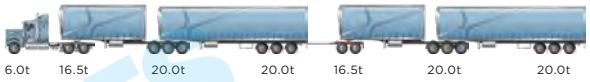
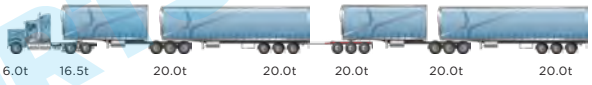
TRUCK & TRAILER CONFIGURATION GUIDE

		Description	Max Length (m)	MRM under GML (t)	MRM under CML (t)	MRM under HML (t)
5. COMMON TYPE 1 ROAD TRAINS - CLASS 2						
(A)		**9 Axle A-Double**	≤ 36.5	72.0	74.0	74.0
(B)		**11 Axle A-Double**	≤ 36.5	79.0	81.0	85.0
(C)		**12 Axle A-Double**	≤ 36.5	82.5	84.5	90.5
(D)		**12 Axle Modular B-Triple**	≤ 35.0	82.5	84.5	90.5
(E)		**12 Axle B-Triple**	≤ 36.5	82.5	84.5	90.5
(F)		**14 Axle AB-Triple**	≤ 36.5	99.0	101.0	107.5
(G)		**15 Axle AB-Triple**	≤ 36.5	102.5	104.5	113.0
(H)		**11 Axle Rigid Truck & 2 Dog Trailers**	≤ 36.5	88.5	90.5	91.0

MRM = Maximum Regulatory Mass m = metres t = tonnes

* Add one tonne if twinsteer axle group is load sharing.**The mass of a dog trailer shall not exceed the mass of the towing vehicle under Schedule 1, Part 1, section 2(4) of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.

Please note, additional limits are allowed for steer axles under Schedule 1, Part 2 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.
Table published with kind permission from National Heavy Vehicle Regulator.
©Copyright National Heavy Vehicle Regulator 2019, creativecommons.org/licenses/by-sa/3.0/au

		Description	Max Length (m)	MRM under GML (t)	MRM under CML (t)	MRM under HML (t)
6. COMMON TYPE 2 ROAD TRAINS - CLASS 2						
(A)	 6.0t 16.5t 20.0t 16.5t 20.0t 16.5t 20.0t	**16 Axle A-Triple**	≤ 53.5	115.5	117.5	124.5
(B)	 6.0t 16.5t 20.0t 20.0t 20.0t 20.0t 20.0t	**18 Axle A-Triple**	≤ 53.5	122.5	124.5	135.5
(C)	 6.0t 16.5t 20.0t 20.0t 20.0t 20.0t	**15 Axle AB-Triple**	≤ 47.5 – Classified by the NHVR as Type 1 when L ≤ 36.5m	102.5	104.5	113.0
(D)	 6.0t 16.5t 16.5t 20.0t 16.5t 20.0t	**13 Axle Rigid Truck & 2 Dog Trailers**	≤ 47.5 – Classified by the NHVR as Type 1 when L ≤ 36.5m	95.5	97.5	102.0
(E)	 6.0t 16.5t 20.0t 20.0t 16.5t 20.0t 20.0t	**17 Axle BAB-Quad**	≤ 53.5	119.0	121.0	130.0
(F)	 6.0t 16.5t 20.0t 20.0t 20.0t 20.0t 20.0t	**18 Axle BAB-Quad**	≤ 53.5	122.5	124.5	135.5
(G)	 6.0t 16.5t 20.0t 16.5t 20.0t 20.0t 20.0t	**17 Axle ABB-Quad**	≤ 53.5	119.0	121.0	130.0
(H)	 6.0t 16.5t 20.0t 20.0t 20.0t 20.0t 20.0t	**18 Axle ABB-Quad**	≤ 53.5	122.5	124.5	135.5

MRM = Maximum Regulatory Mass m = metres t = tonnes

* Add one tonne if twinsteer axle group is load sharing.**The mass of a dog trailer shall not exceed the mass of the towing vehicle under Schedule 1, Part 1, section 2(4) of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.

Please note, additional limits are allowed for steer axles under Schedule 1, Part 2 of the Heavy Vehicle (Mass, Dimension and Loading) National Regulation.
Table published with kind permission from National Heavy Vehicle Regulator.
©Copyright National Heavy Vehicle Regulator 2019, creativecommons.org/licenses/by-sa/3.0/au

NOTES

TABLE OF CONTENTS

	TRAILER SUSPENSION SYSTEMS INFO	19
	MECHANICAL SUSPENSIONS	29
	AIR BAG SUSPENSIONS	79
	SUSPENSION COMPONENTS	329

TO VIEW THE DIGITAL VERSION
OF THE PACCAR PARTS
TRAILER CATALOGUE
SCAN HERE!

PACCARPARTS

VOLUME 3
INDEX

SUSPENSION		PAGE
TRAILER SUSPENSION SYSTEMS INFO		**19**
16.1	Part Identification	21
16.2	Overslung vs Underslung Suspensions	22
16.3	Axle Spread	23
16.4	Ride Height	24
16.5	Mechanical Suspension	25
16.6	Air Bag Suspension	26
16.7	Bolt Grades	27
MECHANICAL SUSPENSIONS		**29**
17.1	Mechanical Suspension Detailed List	31
17.2.1	General Purpose	32
17.2.2	General Purpose	36
17.2.3	Fruehauf 'F' Type	42
17.2.4	Freighter TAA49	46
17.2.5	Freighter VA35	50
17.2.6	Freighter VE50	54
17.2.7	Reyco 21B Overslung	58
17.2.8	Reyco 21B Underslung	62
17.2.9	Reyco-Transpro Model 88 & 89	66
17.2.10	ROR	70
17.2.11	Hutch H900	74

AIR BAG SUSPENSIONS		79
18.1	Air Bag Suspension Detailed List	81
18.2.1	BPW AL	84
18.2.2	BPW SL	88
18.2.3	BPW SL	92
18.2.4	BPW HD	96
18.2.5	BPW AL2	100
18.2.6	BPW AL2	102
18.2.7	BPW AL2	104
18.2.8	BPW AL2	106
18.2.9	BPW AL2	108
18.3.1	Hendrickson HT	112
18.3.2	Hendrickson HT	114
18.3.3	Hendrickson HT	116
18.3.4	Hendrickson Intraax	120
18.3.5	Hendrickson Intraax	124
18.3.6	Hendrickson MAXITRAAX	126
18.3.7	Hendrickson T9-106	128
18.3.8	Hendrickson T15 / T17	130
18.3.9	Hendrickson	132
18.4.1	Holland Euro	134
18.4.2	Holland Euro	136
18.4.3	Holland Euro	138
18.4.4	Holland HD	140
18.4.5	Holland HD	142
18.4.6	Holland HD	144
18.4.7	Holland Ultra Lite	146
18.4.8	Holland Ultra Lite	148
18.4.9	Holland Ultra Lite	150
18.5.1	Fuwa K-Hitch	154
18.5.2	Fuwa K-Hitch	158
18.6.1	Meritor/ROR	164
18.6.2	Meritor/ROR	168
18.6.3	Meritor/ROR	172
18.6.4	Meritor/ROR	176
18.6.5	Meritor/ROR Flexair	180

AIR BAG SUSPENSIONS		
18.7.1	Neway	184
18.7.2	Neway	186
18.7.3	Neway	188
18.7.4	Neway	190
18.7.5	Neway	192
18.8.1	Reyco	196
18.8.2	Reyco	198
18.9.1	RFS Series 2000	200
18.9.2	RFS Series 2000	204
18.9.3	RFS Series 2000	208
18.9.4	RFS Series 2000	212
18.9.5	RFS Series 2000	216
18.9.6	RFS Series 2000	220
18.9.7	RFS Series 2000	224
18.9.8	RFS Series 2000	228
18.9.9	RFS Series 2000	232
18.9.10	RFS Series 2000	236
18.10.1	Ridewell Monopivot	242
18.10.2	Ridewell Monopivot	244
18.11.1	SAF-Holland	246
18.11.2	SAF-Holland	248
18.11.3	SAF-Holland	250
18.11.4	SAF-Holland	252
18.11.5	SAF-Holland	260
18.11.6	SAF-Holland	268
18.12.1	Weweler	274
18.12.2	Weweler	276
18.12.3	Weweler	280
18.12.4	Weweler	282
18.13.1	York	286
18.13.2	York	292
18.13.3	York	296
18.13.4	York	300
18.13.5	York	306

AIR BAG INFORMATION		314
19.2	Air Bag Dimensions	314
19.3	Air Bag Cross Reference	320
SHOCK ABSORBERS		**329**
20.1	Shock Absorber Quick Reference	330
20.2	Shock Absorber Bush and Sleeve Quick Reference	334
SPRINGS AND COMPONENTS		**339**
21.1	Springs	339
21.2	Spring Leaves	341
21.3	Centre Bolts	343
22.1	Paccar U-Bolt Part Numbers	344
22.2	U-Bolts	345
23.1.1	Torque Rods and Components	349
23.1.2	Torque Rods and Components	349
23.1.3	Torque Rods and Components	349
23.1.4	Torque Rods and Components	350
24.1	Equalisers Bushes	352
24.3	Equaliser and Torque Rod Bolts and Nuts	354
24.4	Suspension Equalisers	357
PART NUMBER CROSS REFERENCE		**358**
25.1	Cross Reference Index	358
25.2	BPW Transpec	358
25.3	Colrain	359
25.4	Freighter	362
25.5	Iveco	362
25.6	Krueger	363
25.7	Reyco	364
25.8	SAF Holland and York	364
25.9	Sinclair	366
25.10	SX Trailers	368
25.11	Wabco	368
25.12	Watts	369
PART NUMBERS INDEX		**371**

NOTES

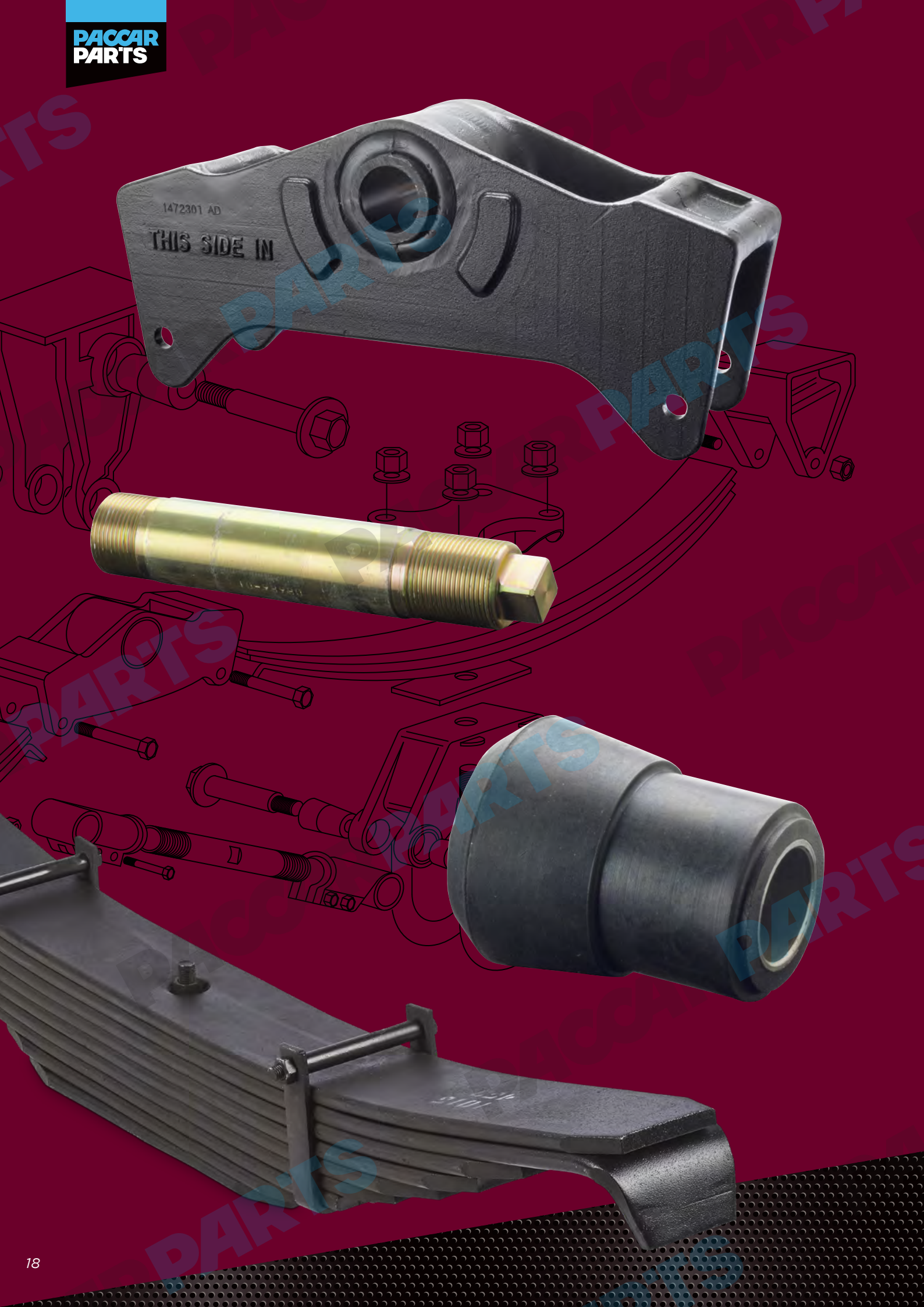
METRIC CONVERSION

Inch (Fraction)	Inch (Decimal)	mm
1/64	0.0156	0.397
1/32	0.0313	0.794
3/64	0.0469	1.191
1/16	0.0625	1.587
5/64	0.0781	1.984
3/32	0.0938	2.381
7/64	0.1094	2.778
1/8	**0.125**	**3.175**
9/64	0.1406	3.572
5/32	0.1563	3.969
11/64	0.1719	4.366
3/16	0.1875	4.762
13/64	0.2031	5.159
7/32	0.2188	5.556
15/64	0.2344	5.953
1/4	**0.25**	**6.35**
17/64	0.2656	6.747
9/32	0.2813	7.144
19/64	0.2969	7.541
5/16	0.3125	7.937
21/64	0.3281	8.334
11/32	0.3438	8.731
23/64	0.3594	9.128
3/8	**0.375**	**9.525**
25/64	0.3906	9.922
13/32	0.4063	10.319
27/64	0.4219	10.716
7/16	0.4375	11.113
29/64	0.4531	11.509
15/32	0.4688	11.906
31/64	0.4844	12.303
1/2	**0.5**	**12.7**

Inch (Fraction)	Inch (Decimal)	mm
33/64	0.5156	13.097
17/32	0.5313	13.494
35/64	0.5469	13.890
9/16	0.5625	14.287
37/64	0.5781	14.684
19/32	0.5938	15.081
39/64	0.6094	15.478
5/8	**0.625**	**15.875**
41/64	0.6406	16.272
21/32	0.6563	16.669
43/64	0.6719	17.065
11/16	0.6875	17.462
45/64	0.7031	17.859
23/32	0.7188	18.265
47/64	0.7344	18.653
3/4	**0.75**	**19.05**
49/64	0.7656	19.447
25/32	0.7813	19.884
51/64	0.7969	20.240
13/16	0.8125	20.637
53/64	0.8281	21.034
27/32	0.8438	21.431
55/64	0.8594	21.828
7/8	**0.875**	**22.225**
57/64	0.8906	22.622
29/32	0.9063	23.019
59/64	0.9219	23.415
15/16	0.9375	23.812
61/64	0.9531	24.209
31/32	0.9688	24.606
63/64	0.9844	25.003
1	**1**	**25.4**

NOTES

NOTES


1472301 AD
THIS SIDE IN

TRAILER SUSPENSION

TRAILER SUSPENSION SYSTEMS INFO

PART IDENTIFICATION 21

OVERSLUNG VS UNDERSLUNG SUSPENSIONS 22

AXLE SPREAD 23

RIDE HEIGHT 24

MECHANICAL SUSPENSION 25

AIR BAG SUSPENSION 26

BOLT GRADES 27

TO VIEW THE DIGITAL VERSION OF THE PACCAR PARTS TRAILER CATALOGUE **SCAN HERE!**

NOTES

PART IDENTIFICATION

The make and model of major suspension parts can be identified by looking for manufacture's brand name or logo on the part, or by finding identification or serial numbers stamped or attached to the part.

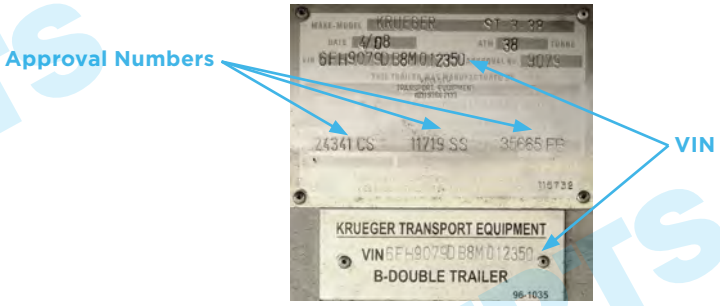
Sometimes however, these identifiers are damaged, missing or too hard to see to read accurately.

A useful alternative source of this information is available through the Australian Government "ROVER" Road Vehicle Regulator and "RVCS" Road Vehicle Certification System databases that are available online.

ROVER: http://rover.infrastructure.gov.au

RVCS: http://rvcs-prodweb.dot.gov.au/pls/wwws/pubrvcs.Notify_Search

A Trailer's identification plate will list information such as its VIN and any approval numbers for originally fitted major components.



The approval numbers can be used to search ROVER or RVCS. These approval details will identify the manufacturer of the approved components/systems fitted to that trailer.

- To search RVCS, only use the numbers from the approval number, not the letters
  - For example use "24341" NOT "24341 CS"
  - For ROVER, you can use the full approval number
- RVCS is being replaced by ROVER, but is still active at time of publication
- RVCS and ROVER are owned and maintained by The Department of Infrastructure, Transport, Regional Development, Communications and the Arts © Commonwealth of Australia
- Any questions regarding ROVER and RVCS should be directed to the department rover.infrastructure.gov.au

Modification or addition of components to your heavy vehicle or trailer may require certification and approval by an Approved Vehicle Examiner. Refer to the state or territory registration authority where your vehicle is registered.

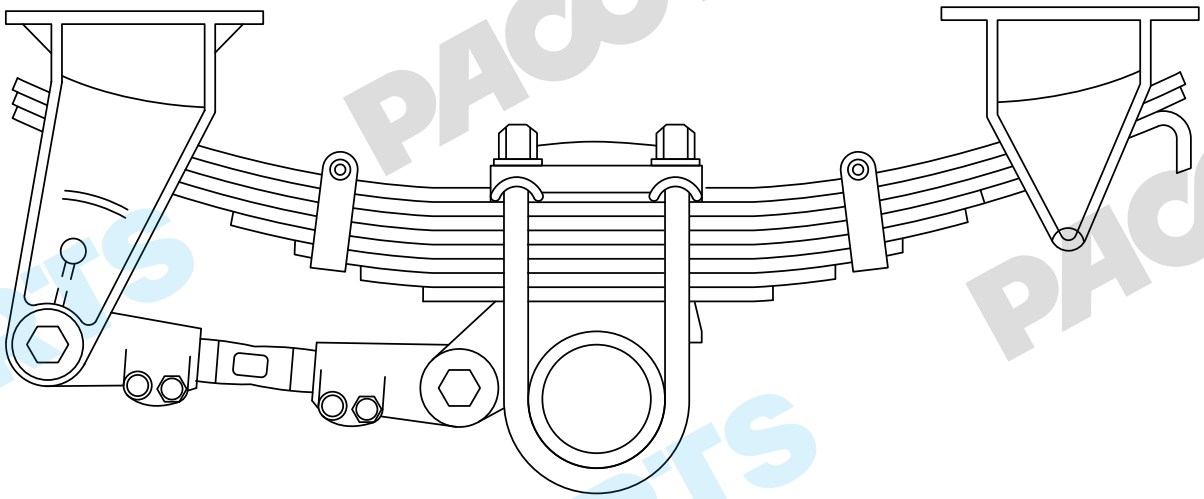
For further trailer parts information, contact your nearest authorised PACCAR Parts dealer.

OVERSLUNG VS UNDERSLUNG SUSPENSIONS

Overslung/Underslung is used to describe the two variations of trailer suspensions available. (This applies to both mechanical and air bag suspensions).

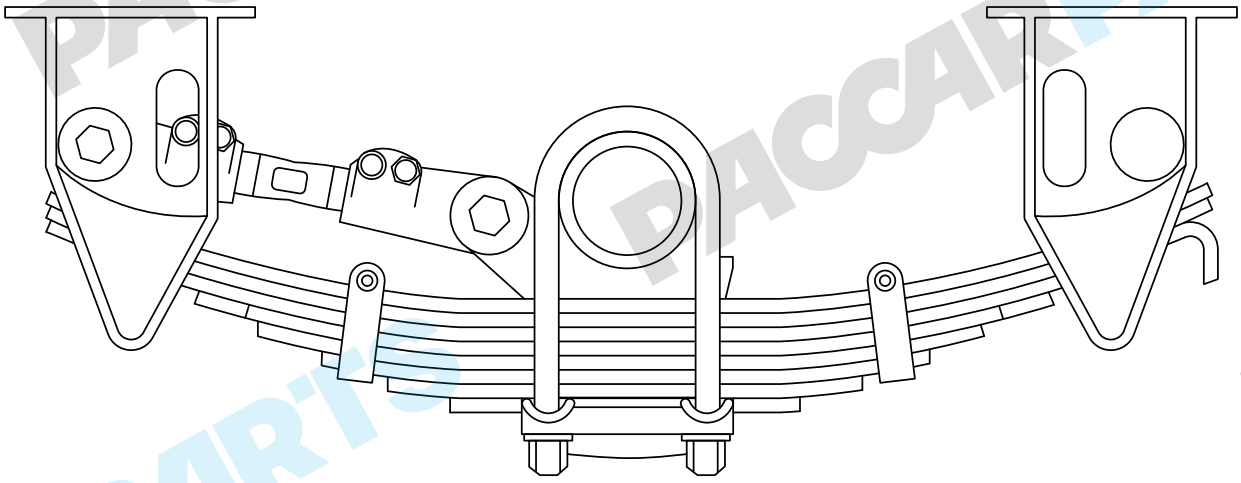
OVERSLUNG

In this configuration the suspension spring/spring beam is located over the axle as shown below.



UNDERSLUNG

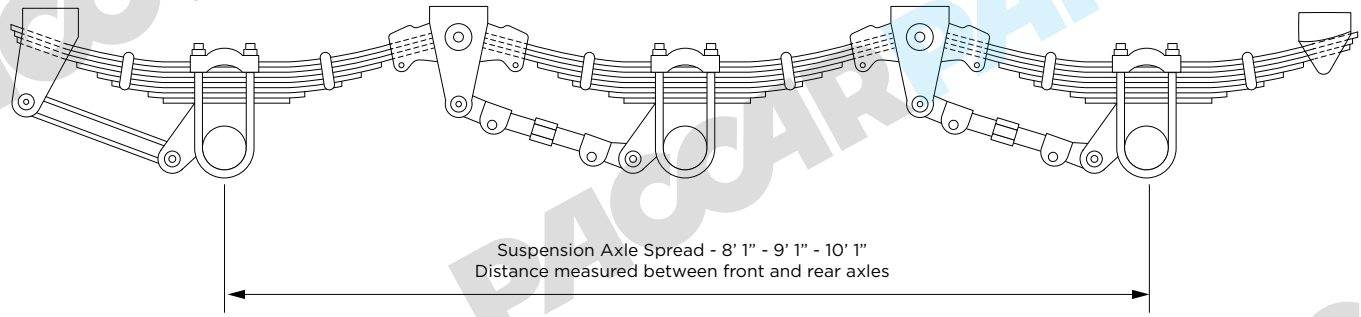
In this configuration the suspension spring/spring beam is located under the axle as shown below.



AXLE SPREAD

Axle spread is:

"The distance between the centres of the front and rear axles"

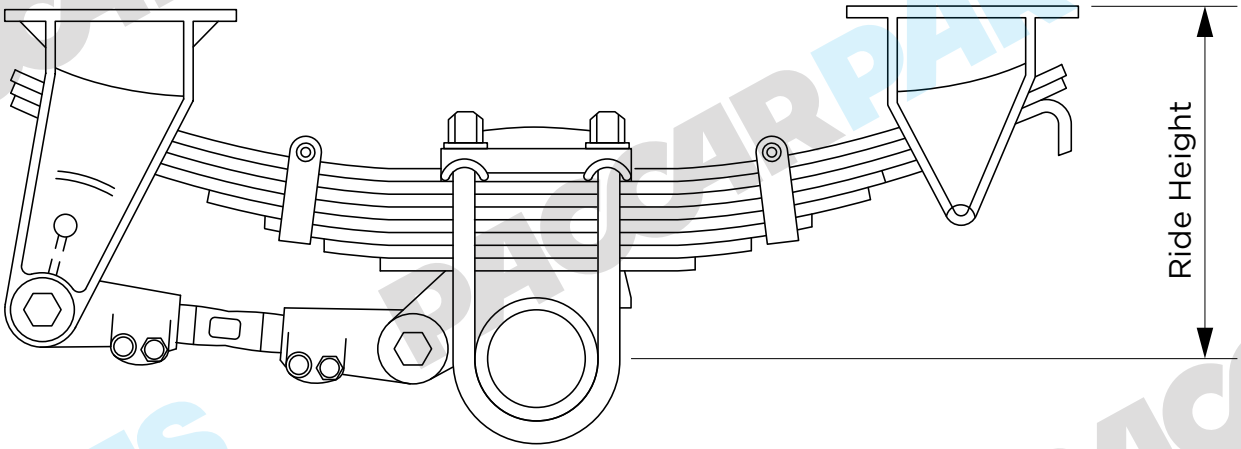


In Australia, the most common axle spreads are as follows:

Tandem axle		Tri axle	
49"	1,245mm	8'1"	2,465mm
54"	1,370mm	9'-1"	2,770mm
60"	1,525mm	10'-1"	3,075mm

RIDE HEIGHT

The ride height of a given suspension, is measured from the centre of the axle to the bottom of the chassis (top of the hangers) as shown below.



Some important considerations when measuring ride height are as follows:

On Mechanical Suspensions

1. Ride heights quoted by the manufacturer are unladen figures.
2. Ride height is dependent on the height of the axle seats installed.
3. Top of hangers should be checked for any packers that may have been installed during manufacture.

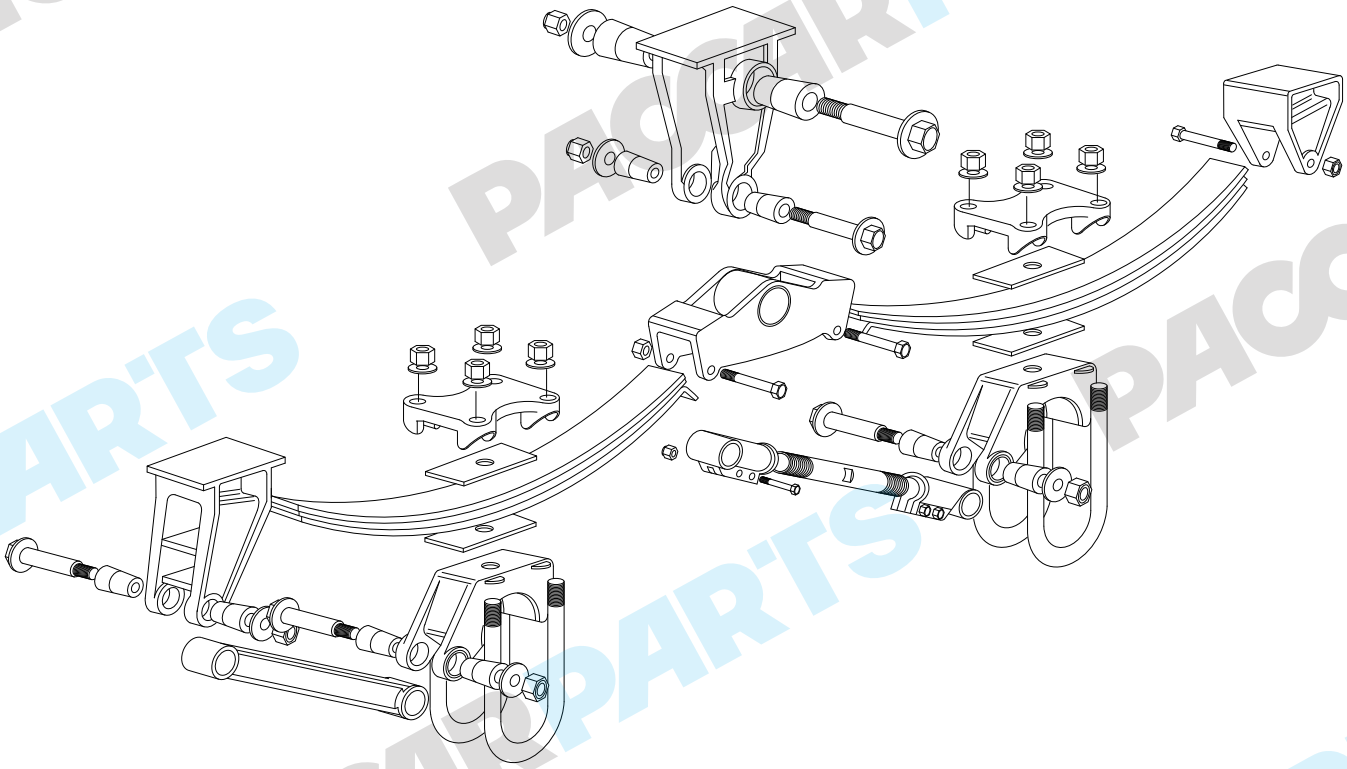
On Air Bag Suspensions

1. Ride height is measured with the suspension system fully charged and the height control valve operating correctly.
2. All axles in the group should be measured separately for ride height to establish a maximum and minimum figure.
3. Ride heights should be measured with the trailer brakes off.

MECHANICAL SUSPENSION

The basic mechanical trailer suspension is shown below; it consists of a series of hangers, springs, torque rods and equalisers.

On mechanical suspensions, it is important to note the number of leaves and width of the spring pack.



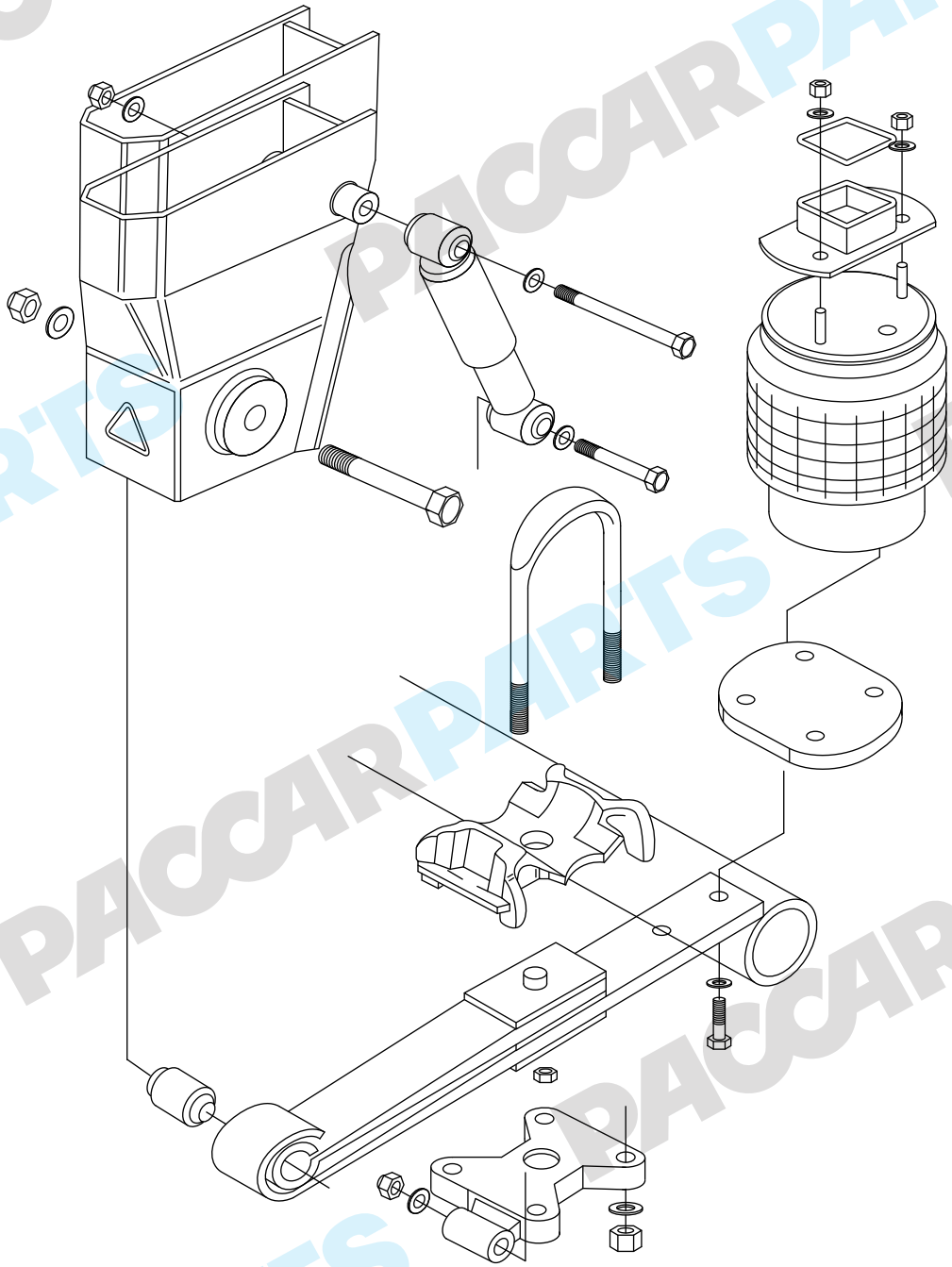
AIR BAG SUSPENSION

The basic air bag trailer suspension shown below consists of front hanger, trailing arm (beam), air bag and shock absorber. The trailing arm may be either a fabricated unit or a spring type beam.

On air bag suspensions fitted with spring type trailing arms, it is important to note the number of leaves. Options are as follows;

1. Single leaf with a safety wrap band.

2. Twin leaf. (As shown below)



BOLT GRADES

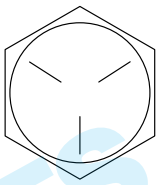
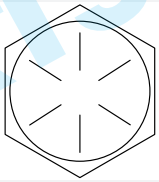
All quality bolts are made to specific standards that control both the strength of the finished product, as well as the physical size. The actual grade of bolt, is identified by individual markings formed into the bolt head and the following information, will assist in identifying the most common grades of bolts and nuts currently in use for the transport industry.

It is essential when replacing bolts, to ensure the new bolts are of the same strength grade or higher, and that the replacement nuts are the same strength grade or higher as the bolt.

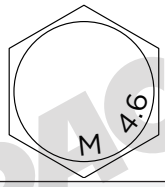
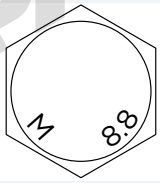
Bolts that are not marked with one of the following identifications, should be treated as being commercial grade mild steel and should not be used.

NOTE: Some specialised OEM suspensions bolts may only be marked with the manufacturers name, rather than with the identification shown below.

UNC/UNF HIGH TENSILE BOLTS

Head Marking	SAE Grade	Minimum Tensile Strength PSI
	5	105,000 (min)
	8	150,000 (min)

METRIC HIGH TENSILE BOLTS

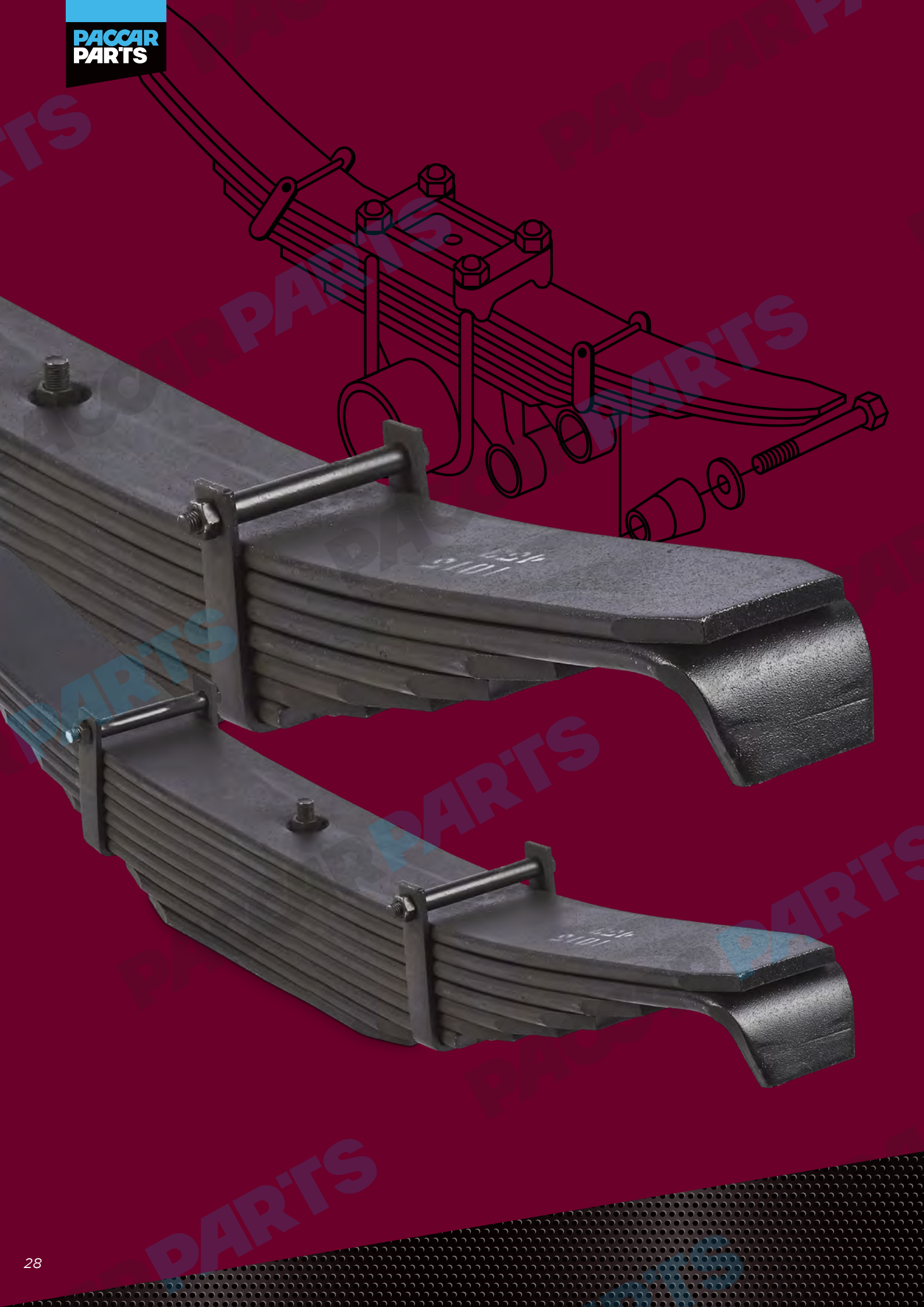
Head Marking	SAE Grade	Minimum Tensile Strength MPa (Approximate PSI)
	4.6	400 (58,000)
	8.8	800 (116,000)

TRAILER/TRUCK U-BOLTS

All trailer U-bolts are grade 5 material while truck U-bolts are grade 8 material.

Because of this material difference, truck U-bolts can safely be used on trailers, at no time should trailer U-bolts be used on truck applications.

U-bolts should always be torqued up to manufacturer's recommendations.



MECHANICAL SUSPENSIONS

MECHANICAL SUSPENSION DETAILED LIST	31	REYCO	58
GENERAL PURPOSE	32	ROR	70
FRUEHAUF	42	HUTCH	74
FREIGHTER	46		

TO VIEW THE DIGITAL VERSION
OF THE PACCAR PARTS
TRAILER CATALOGUE
SCAN HERE!

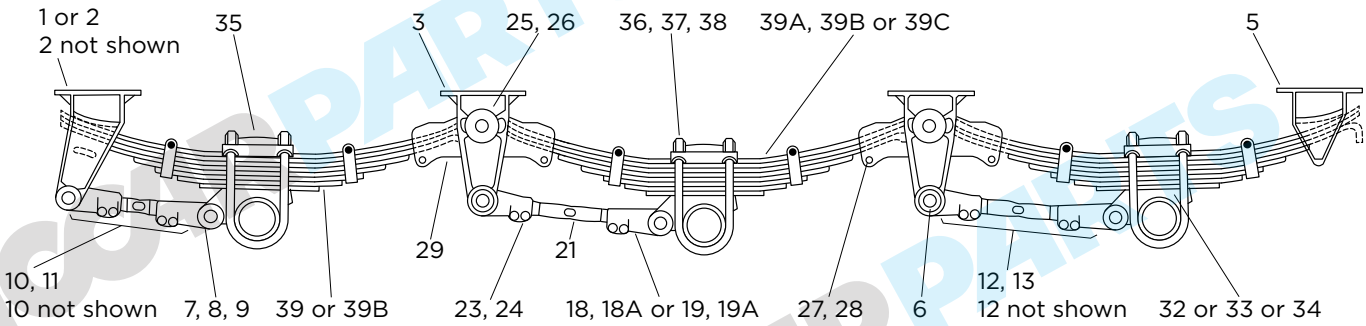
NOTES

MECHANICAL SUSPENSIONS
MECHANICAL SUSPENSION DETAILED LIST

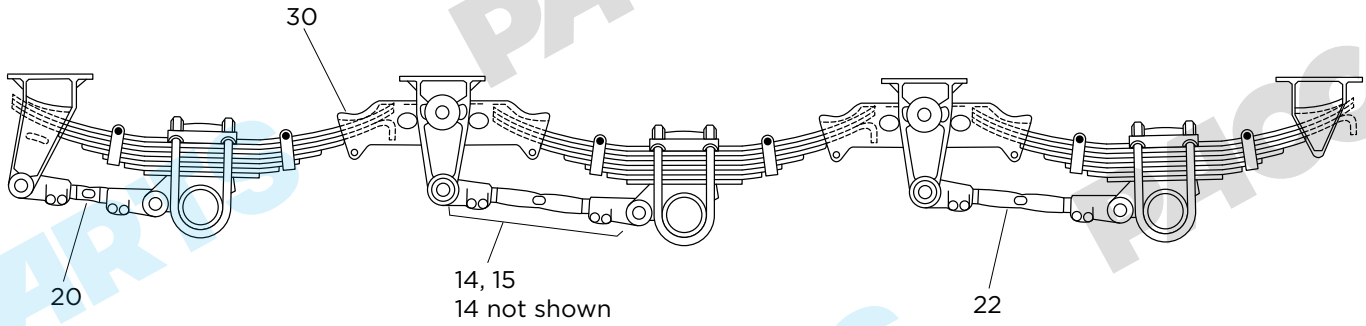
BRAND	SERIES	MODEL	NOTES	PAGE
GENERAL PURPOSE (GP) SUSPENSIONS			Overslung	27
			Underslung	31
FRUEHAUF	FABRICATED SUSPENSION	'F' Type	Overslung	37
FREIGHTER	FABRICATED SUSPENSION	TAA49	Overslung	39
		VA35		45
	CAST SUSPENSION	VE50	Overslung	49
REYCO	CAST SUSPENSION	21B	Overslung	53
		21B	Underslung	57
	REYCO-TRANSPRO FABRICATED SUSPENSION	88	Underslung/Overslung	61
		89	Underslung/Overslung	
ROR	CAST SUSPENSION		Overslung	65
HUTCH	SINGLE POINT TANDEM SUSPENSION		Overslung	69

MECHANICAL SUSPENSIONS
GENERAL PURPOSE SUSPENSIONS

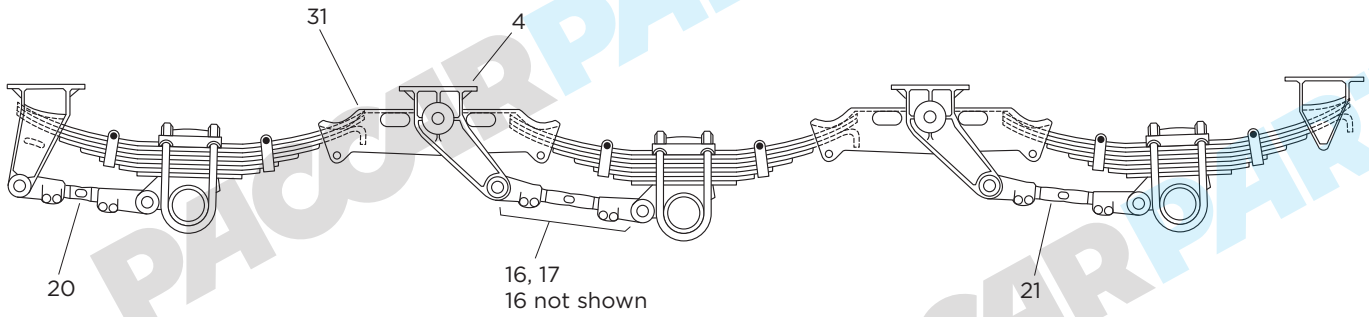
TRI-AXLE 8' 1" AXLE SPREAD



TRI-AXLE 9' 1" AXLE SPREAD



TRI-AXLE 10' 1" AXLE SPREAD



Notes

1. Centre equaliser hangers (Item 3) on 8′ 1″ and 9′ 1″ are the same.
2. Configurations also available in single axle and tandem 4′ ½″, 4′ 6-½″, and 5′ ½″ axle spacing.
3. Various spring leaf combinations are available - 3, 8, 9, 10 leaf.
4. Ride heights available are approximately 380 mm and 430 mm.
5. This suspension may be seen occasionally in the underslung format with packers installed on the top of all hangers. Nominal ride height in the underslung format would be 200 mm.
6. Cast seat (Item 34) not available. Can use fabricated Transpro seat P/N T03-7334.
7. A Lusty Allison suspension similar to the above may also be encountered. These suspensions are easily identified by the 100 mm wide spring packs.

For further information contact your nearest authorised PACCAR Parts dealer.

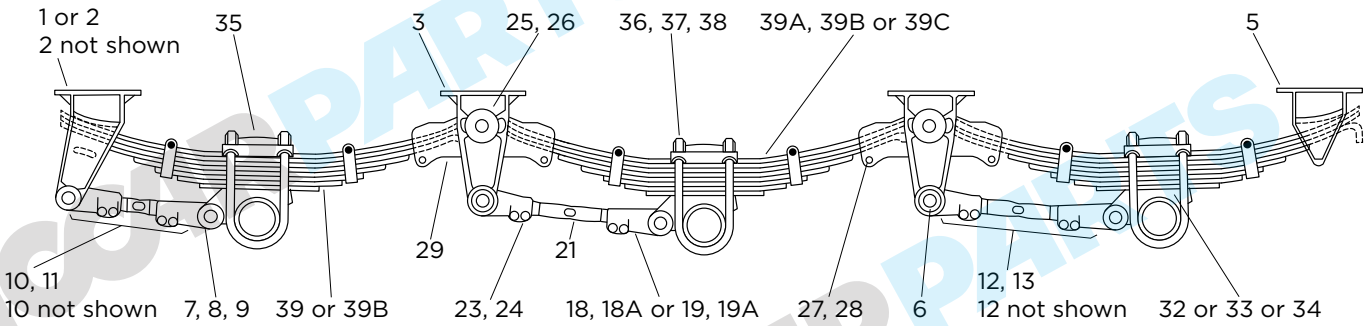
MECHANICAL SUSPENSIONS
GENERAL PURPOSE SUSPENSIONS

GENERAL PURPOSE (GP) SUSPENSIONS OVERSLUNG					
ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	PART NO. STRAIGHT TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
1	KH600013	NLA	Front Hanger	T03-3330 For Straight Bush Applications NLA	
2	KH600066	N/A	Front Hanger - Draw Bar	T03-3332DB For Tapered Bush Applications Is An Optional Alternative To KH900066	
3	KH900026	NLA	Equaliser Hanger	8′ 1″ and 9′ 1″ Spread T03-1184 For Straight Bush Applications NLA	
4	KH900032	NLA	Equaliser Hanger	10′ 1″ Spread T03-1188 For Tapered Bush Applications Superseded By KH900032 T03-1185 For Straight Bush Applications NLA	
5	KH600012	KH600012	Rear Hanger		
6	T03-1301-M	T03-1308-M	Torque Rod Bush	"M" Indicates USA Mullins Bush	See Section 23 For Torque Rods and Components
	T03-1301-P	T03-1308-P		"P" Indicates Red Polypropylene Bush	
	T03-1301SP	T03-1308-PST		"SP" Indicates Split Red Polypropylene Bush "PST" Indicates Polypropylene Bush With Steel Sleeve	
7	T03-1401HD	K041-701-550	Torque Rod Bolt - Heavy Duty	T03-1401HD For Tapered Bush Applications Is Supplied Complete With T03-5505 Nut And T03-1452 Washer T03-1401HD 6½″ Long x 1¼″ Diameter K041-701-550 5½″ Long x ⅞″ Diameter	See Section 24 For Equalisers and Components
8	T03-1452	T03-8052	Torque Rod Bolt Washer	T03-1452 1¼″ Diameter T03-8052 ⅞″ Diameter	
9	T03-5505	K169-143-144CA	Torque Rod Bolt Nyloc Nut	T03-5505 1″ UNF K169-143-144CA ⅞″ UNF	
10	KH600003/395	NLA	Torque Rod - Front - Rigid	KH600003/395 Is An Optional Alternative 395 mm Centre To Centre	See Section 23 For Torque Rods and Components
11	See Items 18, 19 & 20	See Item 20	Torque Rod - Front - Adjustable	395 mm Centre To Centre	
12	KH600003/495	NLA	Torque Rod - Rear - Rigid	8′ 1″ Spread - 495 mm Centre To Centre	
13	See Items 18, 19 & 21	See Item 21	Torque Rod - Rear - Adjustable	8′ 1″ Spread - 495 mm Centre To Centre	
14	KH600003/565	See Item 22	Torque Rod - Rear - Rigid	9′ 1″ Spread - 565 mm Centre To Centre	
15	See Items 18, 19 & 22	See Item 22	Torque Rod - Rear - Adjustable	9′ 1″ Spread - 565 mm Centre To Centre	
16	KH600003/470	See Item 21	Torque Rod - Rear - Rigid	10′ 1″ Spread - 470 mm Centre To Centre	
17	See Items 18, 19 & 21	See Item 21	Torque Rod - Rear - Adjustable	10′ 1″ Spread - 470 mm Centre To Centre	
18	FW68-0502L	N/A	Torque Rod End	Left Hand	
18A	N/A	NLA	Torque Rod End	Left Hand	
19	FW68-0502R	N/A	Torque Rod End	Right Hand	
19A	N/A	NLA	Torque Rod End	T03-1354 For Straight Bush Applications NLA Right Hand	

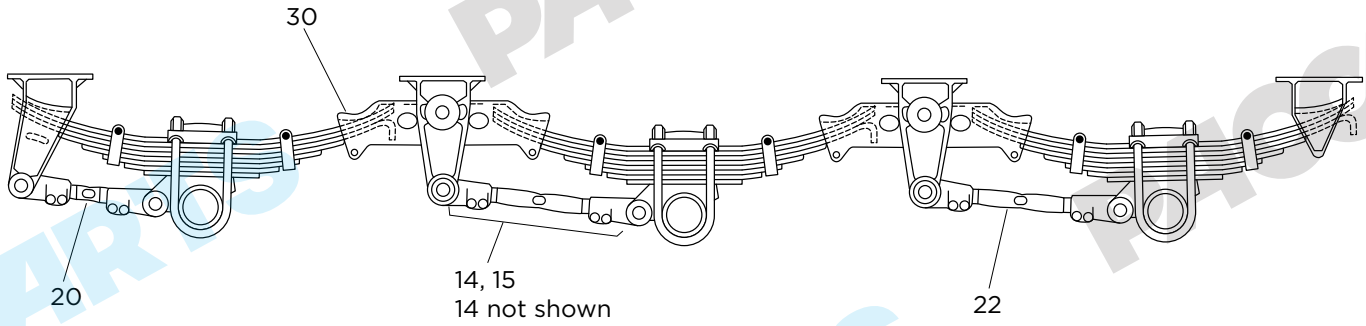
NLA - NO LONGER AVAILABLE | N/A NOT APPLICABLE

MECHANICAL SUSPENSIONS
GENERAL PURPOSE SUSPENSIONS

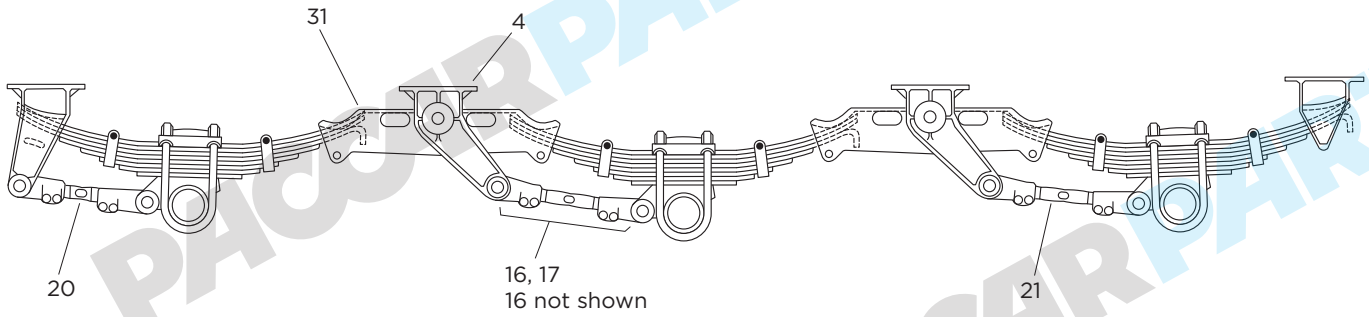
TRI-AXLE 8' 1" AXLE SPREAD



TRI-AXLE 9' 1" AXLE SPREAD



TRI-AXLE 10' 1" AXLE SPREAD



Notes

1. Centre equaliser hangers (Item 3) on 8' 1" and 9' 1" are the same.
2. Configurations also available in single axle and tandem 4' ½", 4' 6-½", and 5' ½" axle spacing.
3. Various spring leaf combinations are available - 3, 8, 9, 10 leaf.
4. Ride heights available are approximately 380 mm and 430 mm.
5. This suspension may be seen occasionally in the underslung format with packers installed on the top of all hangers. Nominal ride height in the underslung format would be 200 mm.
6. Cast seat (Item 34) not available. Can use fabricated Transpro seat P/N T03-7334.
7. A Lusty Allison suspension similar to the above may also be encountered. These suspensions are easily identified by the 100 mm wide spring packs.

For further information contact your nearest authorised PACCAR Parts dealer.

MECHANICAL SUSPENSIONS
GENERAL PURPOSE SUSPENSIONS

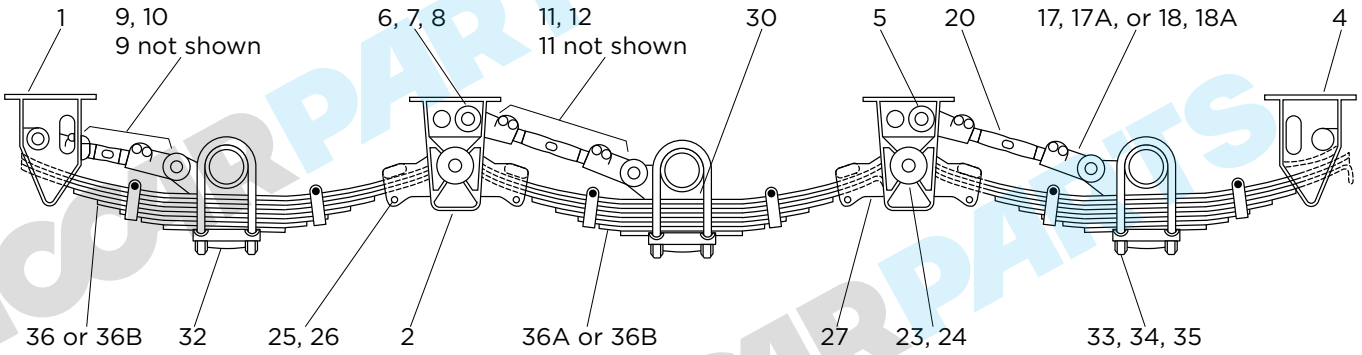
GENERAL PURPOSE (GP) SUSPENSIONS OVERSLUNG

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	PART NO. STRAIGHT TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
20	1925	1925	Torque Rod Screw	10¼" Long x 1½" Diameter	
21	1927	1927	Torque Rod Screw	13¾" Long x 1½" Diameter	
22	KH600006/415	KH600006/415	Torque Rod Screw	16½" Long x 1½" Diameter	See Section 23 For Torque Rods and Components
23	T03-0506	T03-0506	Torque Rod End Clamp Bolt	1¾" Long x ½" Diameter	
24	K169-143080CA	K169-143080CA	Torque Rod End Clamp Bolt Lock Nut	Also Used For Item 28 Equaliser Roller Bolt Lock Nut ½" UNF	
25	T03-1101	T03-1101	Equaliser Bush		See Section 24 For Equalisers and Components
	T03-1101-M	T03-1101-M		"M" Indicates USA Mullins Bush	
	T03-1101-P	T03-1101-P		"P" Indicates Red Polypropylene Bush	
	T03-1101SP	T03-1101SP		"SP" Indicates Split Red Polypropylene Bush	
26	T03-1201AU	T03-1201AU	Equaliser Pin		
	T03-1201HD	T03-1201HD	Equaliser Pin	T03-1201HD For Both Applications Is Supplied Complete With T03-5505 Nut And T03-1223 Washer "HD" Indicates Heavy Duty Option	
	T03-1223	T03-1223	Equaliser Pin Washer		
	T03-5505	T03-5505	Equaliser Pin Nyloc Nut	1" UNF	
27	T03-0505	T03-0505	Equaliser Roller Bolt	5½" Long x ½" Diameter	
28	K169-143-080CA	K169-143-080CA	Equaliser Roller Bolt Lock Nut	Also Used For Item 24 Torque Rod End Clamp Bolt Lock Nut ½" UNF	
29	KH690007	KH690007	Equaliser	8' 1" Spread	
30	KH690020	KH690020	Equaliser	9' 1" Spread	
31	KH690010	KH690010	Equaliser	10' 1" Spread	
32	KH690027	NLA	Axle Seat	25 mm High - 5" Round Axle	
33	KH690025	NLA	Axle Seat	75 mm High - 5" Round Axle	
34	T03-7338	Note 6	Axle Seat	25 mm High - 120 mm Square Axle	
35	KH600014	KH600014	Spring Top Plate		
36	T03-UBB-125AU	T03-UBB-125AU	U-Bolt	T03-UBB-125AU Suitable For 8 Leaf Springs And Low Axle Seat 12½" Long x 5" Wide x ⅞" UNF	See Section 22 For U-Bolts
37	T03-8052	T03-8052	U-Bolt Washer	⅞" Diameter	
38	T03-8051	T03-8051	U-Bolt Deep Nut	⅞" UNF	
39	T03-7410AU	T03-7410AU	8 Leaf Spring - End Pack		See Section 21 For Springs and Components
39A	T03-7411AU	T03-7411AU	8 Leaf Spring - Centre Pack		
39B	T03-7415AU	T03-7415AU	9 Leaf Spring - End Pack	Heavy Duty Option	
39C	T03-7418AU	T03-7418AU	9 Leaf Spring - Centre Pack	Heavy Duty Option	

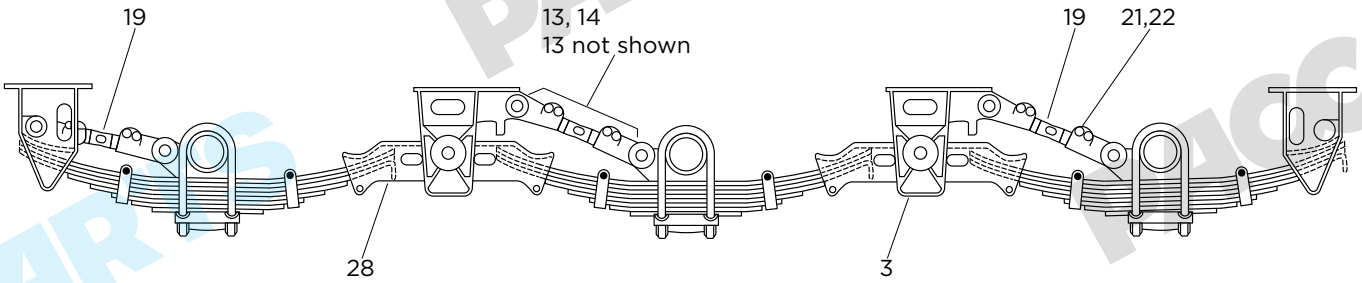
NLA - NO LONGER AVAILABLE | N/A NOT APPLICABLE

MECHANICAL SUSPENSIONS
GENERAL PURPOSE SUSPENSIONS

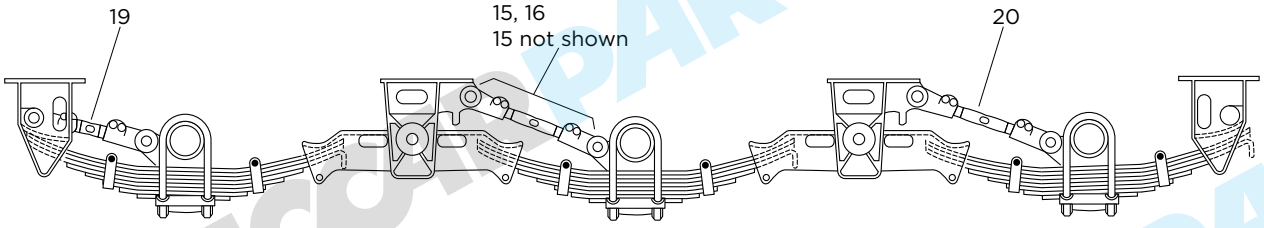
TRI-AXLE 8' 1" AXLE SPREAD

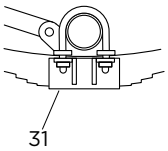


TRI-AXLE 9' 1" AXLE SPREAD



TRI-AXLE 10' 1" AXLE SPREAD





Notes

1. Centre equaliser hangers on 9' 1" and 10' 1" are the same.
2. Configurations also available in single axle and tandem 4' ½", 4' 6½", and 5' ½" axle spacing.
3. Various spring leaf combinations are available - 3, 8, 9, 10 leaf.
4. Standard ride height would be 200 mm.

For further information contact your nearest authorised PACCAR Parts dealer.

MECHANICAL SUSPENSIONS
GENERAL PURPOSE SUSPENSIONS

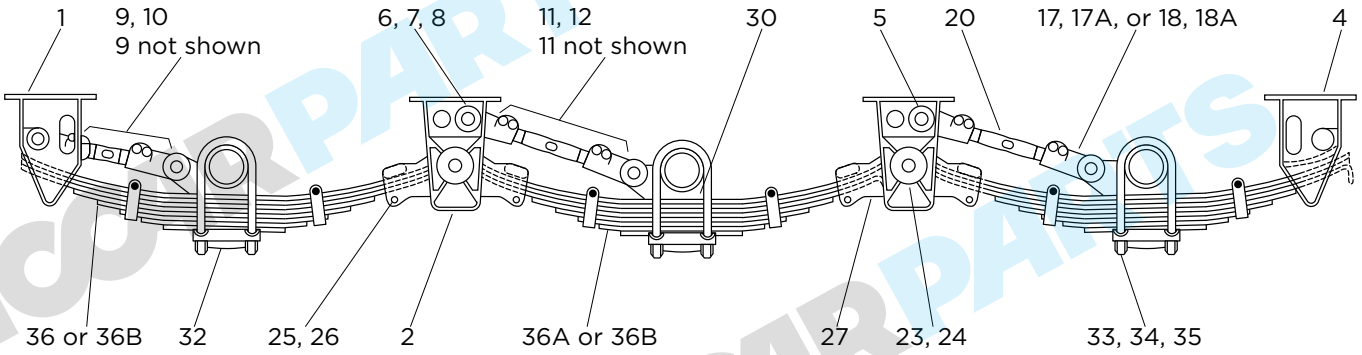
GENERAL PURPOSE (GP) SUSPENSIONS UNDERSLUNG

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	PART NO. STRAIGHT TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
1	KH690037	N/A	Front Hanger		
2	KH690036	N/A	Equaliser Hanger 2.4 m	T03-1189 For Tapered Bush Applications NLA	
3	KH690089	N/A	Equaliser Hanger 2.7 m - 3.1 m	T03-1186 For Tapered Bush Applications NLA	
4	KH690037	KH690037	Rear Hanger		
5	T03-1301-M	T03-1308-M	Torque Rod Bush	T03-1301 For Tapered Bush Applications Superseded By T03-1301-M T03-1308 For Straight Bush Applications Superseded By T03-1308-M "M" Indicates USA Mullins Bush	See Section 23 For Torque Rods and Components
	T03-1301-P	T03-1308-P		"P" Indicates Red Polypropylene Bush	
	T03-1301SP	T03-1308-PST		"SP" Indicates Split Red Polypropylene Bush "PST" Indicates Polypropylene Bush With Steel Sleeve	
6	T03-1401HD	K041-701-550	Torque Rod Bolt - Heavy Duty	T03-1401HD For Tapered Bush Applications Is Supplied Complete With T03-5505 Nut And T03-1452 Washer T03-1401HD 6½" Long x 1¼" Diameter K041-701-550 5½" Long x ⅞" Diameter	See Section 24 For Equalisers and Components
7	T03-1452	T03-8052	Torque Rod Bolt Washer	T03-1452 1¼" Diameter T03-8052 ⅞" Diameter	
8	T03-5505	K169-143-144CA	Torque Rod Bolt Nyloc Nut	T03-5505 1¼" Diameter K169-143-144CA ⅞" Diameter	
9	KH600003/380	See Item 10	Torque Rod - Front -Rigid	380 mm Centre To Centre	See Section 23 For Torque Rods and Components
10	See Items 17, 18 & 19	See Item 19	Torque Rod - Front - Adjustable	T03-1353 Left Hand Torque Rod End For Straight Bush Applications NLA T03-1354 Right Hand Torque Rod End For Straight Bush Applications NLA 380 mm Centre To Centre	
11	KH600003/470	See Item 20	Torque Rod - Rear - Rigid	T03-1353 Left Hand Torque Rod End For Straight Bush Applications NLA T03-1354 Right Hand Torque Rod End For Straight Bush Applications NLA 8' 1" Spread - 470 mm Centre To Centre	
12	See Items 17, 18 & 20	See Item 20	Torque Rod - Rear - Adjustable	T03-1353 Left Hand Torque Rod End For Straight Bush Applications NLA T03-1354 Right Hand Torque Rod End For Straight Bush Applications NLA 8' 1" Spread - 470 mm Centre To Centre	
13	See Item 14	See Item 19	Torque Rod - Rear - Rigid	T03-1371 For Tapered Bush Applications NLA T03-1352 For Straight Bush Applications NLA 9' 1" Spread - 395 mm Centre To Centre	
14	See Items 17, 18 & 19	See Item 19	Torque Rod - Rear - Adjustable	T03-1353 Left Hand Torque Rod End For Straight Bush Applications NLA T03-1354 Right Hand Torque Rod End For Straight Bush Applications NLA 9' 1" spread - 395 mm Centre To Centre	

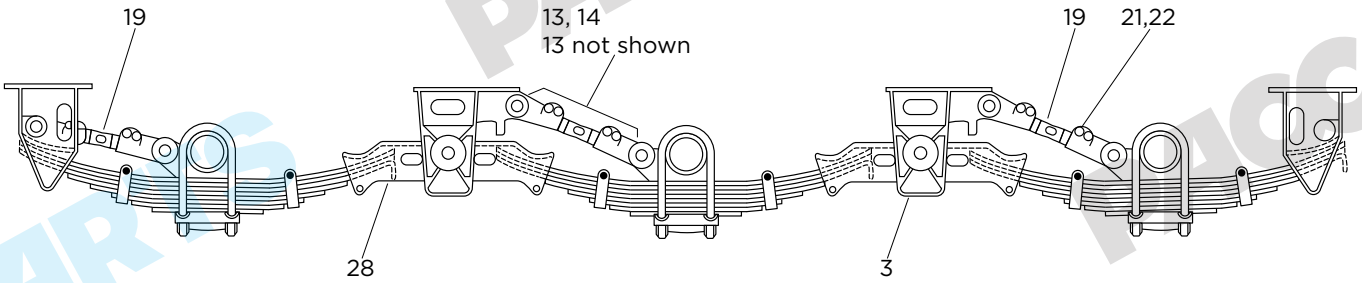
NLA - NO LONGER AVAILABLE | N/A NOT APPLICABLE

MECHANICAL SUSPENSIONS
GENERAL PURPOSE SUSPENSIONS

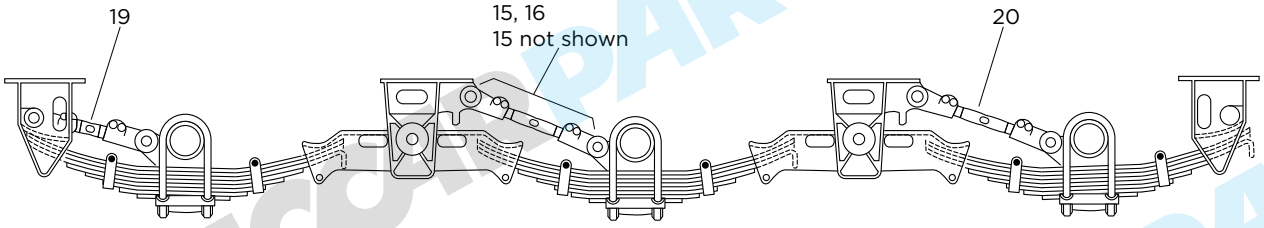
TRI-AXLE 8' 1" AXLE SPREAD

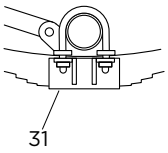


TRI-AXLE 9' 1" AXLE SPREAD



TRI-AXLE 10' 1" AXLE SPREAD





Notes

1. Centre equaliser hangers on 9′ 1″ and 10′ 1″ are the same.
2. Configurations also available in single axle and tandem 4′ ½″, 4′ 6½″, and 5′ ½″ axle spacing.
3. Various spring leaf combinations are available - 3, 8, 9, 10 leaf.
4. Standard ride height would be 200 mm.

For further information contact your nearest authorised PACCAR Parts dealer.

MECHANICAL SUSPENSIONS
GENERAL PURPOSE SUSPENSIONS

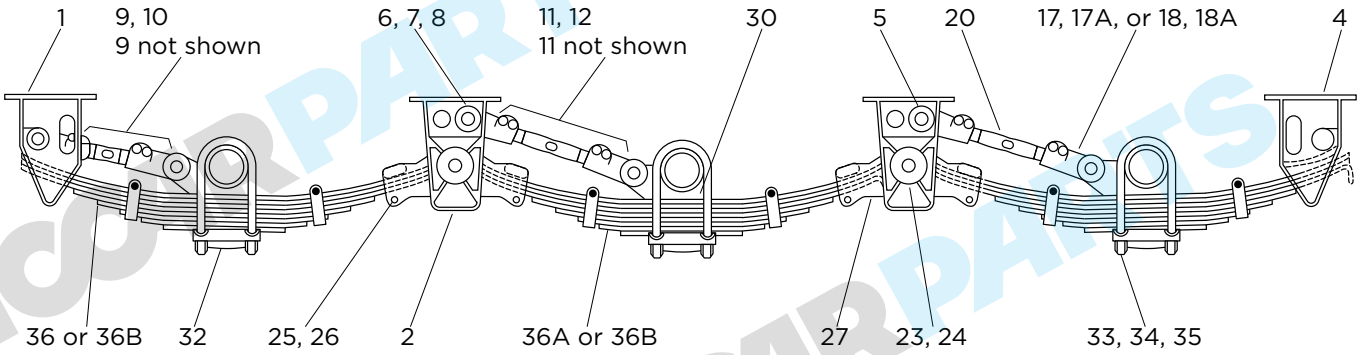
GENERAL PURPOSE (GP) SUSPENSIONS UNDERSLUNG

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	PART NO. STRAIGHT TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
15	KH600003/470	See Item 20	Torque Rod - Rear - Rigid	T03-1353 Left Hand Torque Rod End For Straight Bush Applications NLA T03-1354 Right Hand Torque Rod End For Straight Bush Applications NLA 10′ 1″ Spread - 470 mm Centre To Centre	
16	See Items 17, 18 & 20	See Item 20	Torque Rod - Rear - Adjustable	T03-1353 Left Hand Torque Rod End For Straight Bush Applications NLA T03-1354 Right Hand Torque Rod End For Straight Bush Applications NLA 10′ 1″ Spread - 470 mm Centre To Centre	
17	FW68-0502L	N/A	Torque Rod End	Left Hand	
17A	N/A	NLA	Torque Rod End	T03-1353 For Straight Bush Applications NLA Left Hand	See Section 23 For Torque Rods and Components
18	FW68-0502R	N/A	Torque Rod End	Right Hand	
18A	N/A	NLA	Torque Rod End	T03-1354 For Straight Bush Applications NLA Right Hand	
19	1925	1925	Torque Rod Screw	10¼″ Long x 1½″ Diameter	
20	1927	1927	Torque Rod Screw	13¾″ Long x 1½″ Diameter	
21	T03-0506	T03-0506	Torque Rod End Clamp Bolt	1¾″ Long x ½″ Diameter	
22	K169-143-080CA	K169-143-080CA	Torque Rod End Clamp Bolt Lock Nut	Also Used For Item 26 Equaliser Roller Bolt Lock Nut ½″ UNF	
23	T03-1101	T03-1101	Equaliser Bush		
	T03-1101-M	T03-1101-M		"M" Indicates USA Mullins Bush	
	T03-1101-P	T03-1101-P		"P" Indicates Red Polypropylene Bush	
	T03-1101SP	T03-1101SP		"SP" Indicates Split Red Polypropylene Bush	
24	T03-1201HD	T03-1201HD	Equaliser Pin - Heavy Duty	T03-1201HD For Both Applications Is Supplied Complete With T03-5505 Nut And T03-1223 Washer″	See Section 24 For Equalisers and Components
	T03-1223	T03-1223	Equaliser Pin Washer		
	T03-5505	T03-5505	Equaliser Pin UNF Nyloc Nut	1″ UNF	
25	T03-0505	T03-0505	Equaliser Roller Bolt	5½″ Long x ½″ Diameter	
26	K169-143-080CA	K169-143-080CA	Equaliser Roller Bolt Lock Nut	Also Used For Item 22 Torque Rod End Clamp Bolt Lock Nut ½″ UNF	
27	KH690007	KH690007	Equaliser	8′ 1″ Spread	
28	KH690020	KH690020	Equaliser	9′ 1″ Spread	
29	KH690010	KH690010	Equaliser	10′ 1″ Spread	
30	KH690027	NLA	Axle Seat	T03-7301 For Straight Bush Applications Is NLA KH690027 Also Used On K-Hitch Underslung Suspensions 25 mm High - 5″ Round Axle	

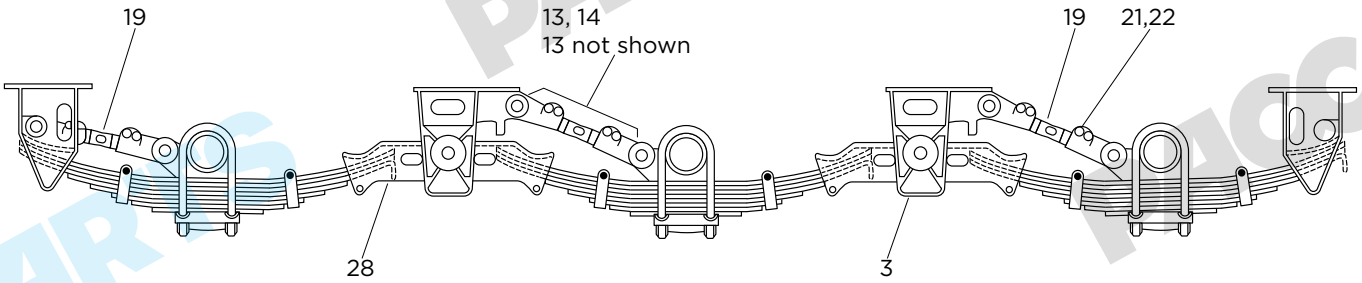
NLA - NO LONGER AVAILABLE | N/A NOT APPLICABLE

MECHANICAL SUSPENSIONS
GENERAL PURPOSE SUSPENSIONS

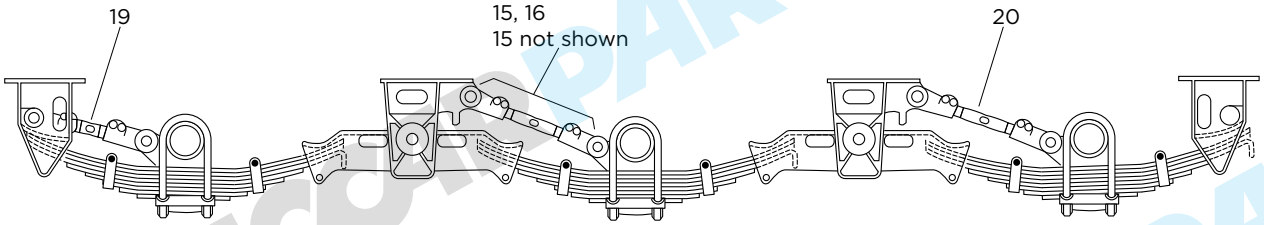
TRI-AXLE 8' 1" AXLE SPREAD



TRI-AXLE 9' 1" AXLE SPREAD



TRI-AXLE 10' 1" AXLE SPREAD



Notes

1. Centre equaliser hangers on 9′ 1″ and 10′ 1″ are the same.
2. Configurations also available in single axle and tandem 4′ ½″, 4′ 6½″, and 5′ ½″ axle spacing.
3. Various spring leaf combinations are available - 3, 8, 9, 10 leaf.
4. Standard ride height would be 200 mm.

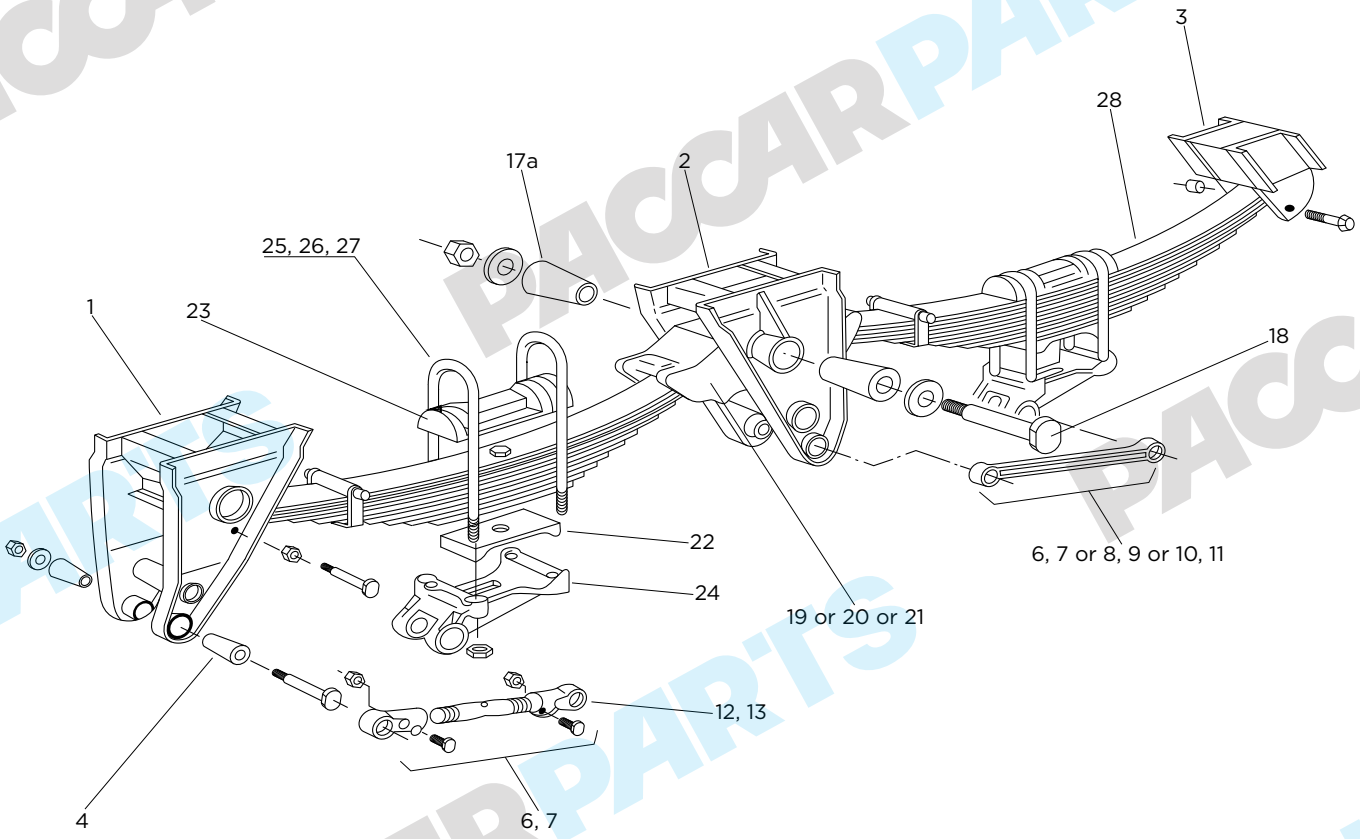
For further information contact your nearest authorised PACCAR Parts dealer.

MECHANICAL SUSPENSIONS
GENERAL PURPOSE SUSPENSIONS

GENERAL PURPOSE (GP) SUSPENSIONS UNDERSLUNG					
ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	PART NO. STRAIGHT TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
31	KH690038	KH690038	Spring Bottom Plate - Saddle Type		
32	KH600014	KH600014	Spring Bottom/ Top Plate		
33	T03-UBB-125AU	T03-UBB-125AU	U-Bolt	T03-UBB-125AU Suitable For 8 Leaf Springs And Low Axle Seat 12½" Long x 5" Wide x ⅞" UNF	See Section 22 For U-Bolts
34	T03-8052	T03-8052	U-Bolt Washer	⅞" Diameter	
35	T03-8051	T03-8051	U-Bolt Deep Nut	⅞" UNF	
36	T03-7410AU	T03-7410AU	8 Leaf Spring - End Pack		See Section 21 For Springs and Components
36A	T03-7411AU	T03-7411AU	8 Leaf Spring - Centre Pack		
36B	T03-7415AU	T03-7415AU	9 Leaf Spring - End Pack		
36C	T03-7418AU	T03-7418AU	9 Leaf Spring - Centre Pack		

NLA - NO LONGER AVAILABLE | N/A NOT APPLICABLE

MECHANICAL SUSPENSIONS
FRUEHAUF 'F' TYPE SUSPENSIONS



Notes

1. Genuine Fruehauf U-Bolts are coarse thread. The replacement U-Bolts listed are fine thread (UNF).
2. General purpose cast suspension torque rods, using tapered bushes, may be adapted for use in this application. (Part Number 1925 - 10⅝"; Part Number 1927 - 13½")

For further information contact your nearest authorised PACCAR Parts dealer.

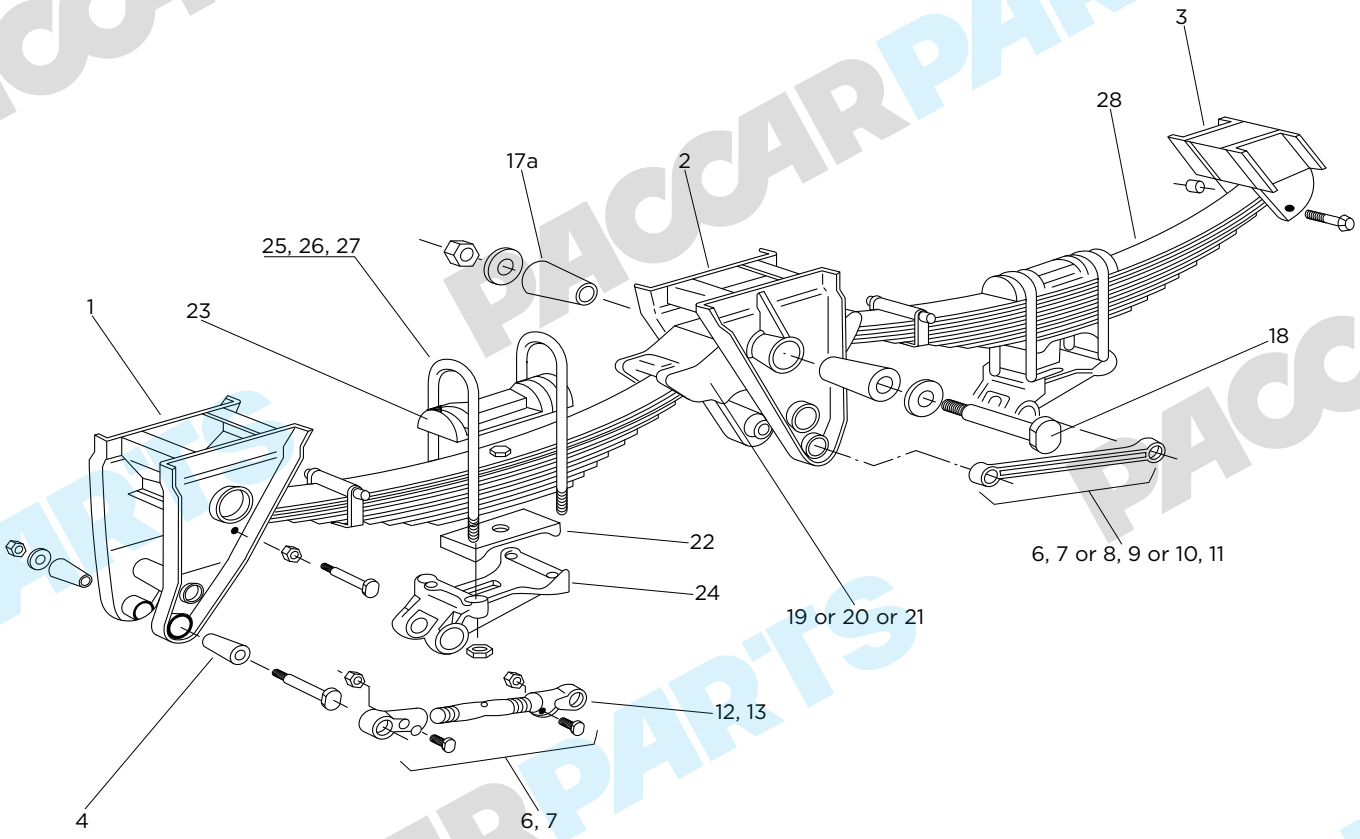
MECHANICAL SUSPENSIONS
FRUEHAUF 'F' TYPE SUSPENSIONS

OVERSLUNG FABRICATED SUSPENSION

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
1	NLA	Front Hanger - Fabricated	T03 3340 NLA	
2	NLA	Equaliser Hanger - Fabricated	T03-3341 NLA	
3	NLA	Rear Hanger - Fabricated	T03-3342 NLA	
4	T03-1301-M	Torque Rod Bush	T03-1301 Superseded By T03-1301-M "M" Indicates USA Mullins Bush	See Section 23 For Torque Rods and Components
	T03-1301-P		"P" Indicates Red Polypropylene Bush	
	T03-1301SP		"SP" Indicates Split Red Polypropylene Bush	
5	T03-1401HD	Torque Rod Bolt - Heavy Duty	T03-1401HD Is Supplied Complete With T03-5505 Nut And T03-1452 Washer T03-1401HD 6½" Long x 1¼" Diameter	See Section 24 For Equalisers and Components
	T03-1452	Torque Rod Bolt Washer	T03-1452 1¼" Diameter	
	T03-5505	Torque Rod Bolt Nyloc Nut	T03-5505 1¼" Diameter	
6	NLA	Torque Rod - Front/Rear - Rigid	T03-1321 NLA 8' 1" Spread - 395 mm Centre To Centre	See Section 23 For Torque Rods and Components
7	NLA	Torque Rod - Front/Rear - Adjustable	Left Hand Torque Rod End T03-1361 NLA Right Hand Torque Rod End T03-1362 NLA Torque Rod Screw T03-1363 NLA 8' 1" Spread - 395 mm Centre To Centre	
8	NLA	Torque Rod - Rear - Rigid	T03-1322 NLA 9' 1" Spread - 470 mm Centre To Centre	
9	NLA	Torque Rod - Rear - Adjustable	Left Hand Torque Rod End T03-1361 NLA Right Hand Torque Rod End T03-1362 NLA Torque Rod Screw T03-1364 NLA9' 1" Spread - 470 mm Centre To Centre	
10	NLA	Torque Rod - Rear - Rigid	T03-1323 NLA 10' 1" Spread - 545 mm Centre To Centre	
11	NLA	Torque Rod - Rear - Adjustable	Left Hand Torque Rod End T03-1361 NLA Right Hand Torque Rod End T03-1362 NLA Torque Rod Screw T03-1365 NLA 10' 1" Spread - 545 mm Centre To Centre	
12	NLA	Torque Rod End	T03-1361 NLA Left Hand	
13	NLA	Torque Rod End	T03-1362 NLA Right Hand	
14	NLA	Torque Rod Screw	Adapt From General Purpose Cast Suspension Torque Rod 1925 10⅝" Long x 1⅜" Diameter See Note 2	
15	NLA	Torque Rod Screw	Adapt From General Purpose Cast Suspension Torque Rod 1927 13½" Long x 1⅜" Diameter See Note 2"	
16	NLA	Torque Rod Screw	T03-1365 NLA 6⅜" Long x 1⅜" Diameter	

NLA - NO LONGER AVAILABLE

MECHANICAL SUSPENSIONS
FRUEHAUF 'F' TYPE SUSPENSIONS



Notes

1. Genuine Fruehauf U-Bolts are coarse thread. The replacement U-Bolts listed are fine thread (UNF).
2. General purpose cast suspension torque rods, using tapered bushes, may be adapted for use in this application. (Part Number 1925 - 10⅝"; Part Number 1927 - 13½")

For further information contact your nearest authorised PACCAR Parts dealer.

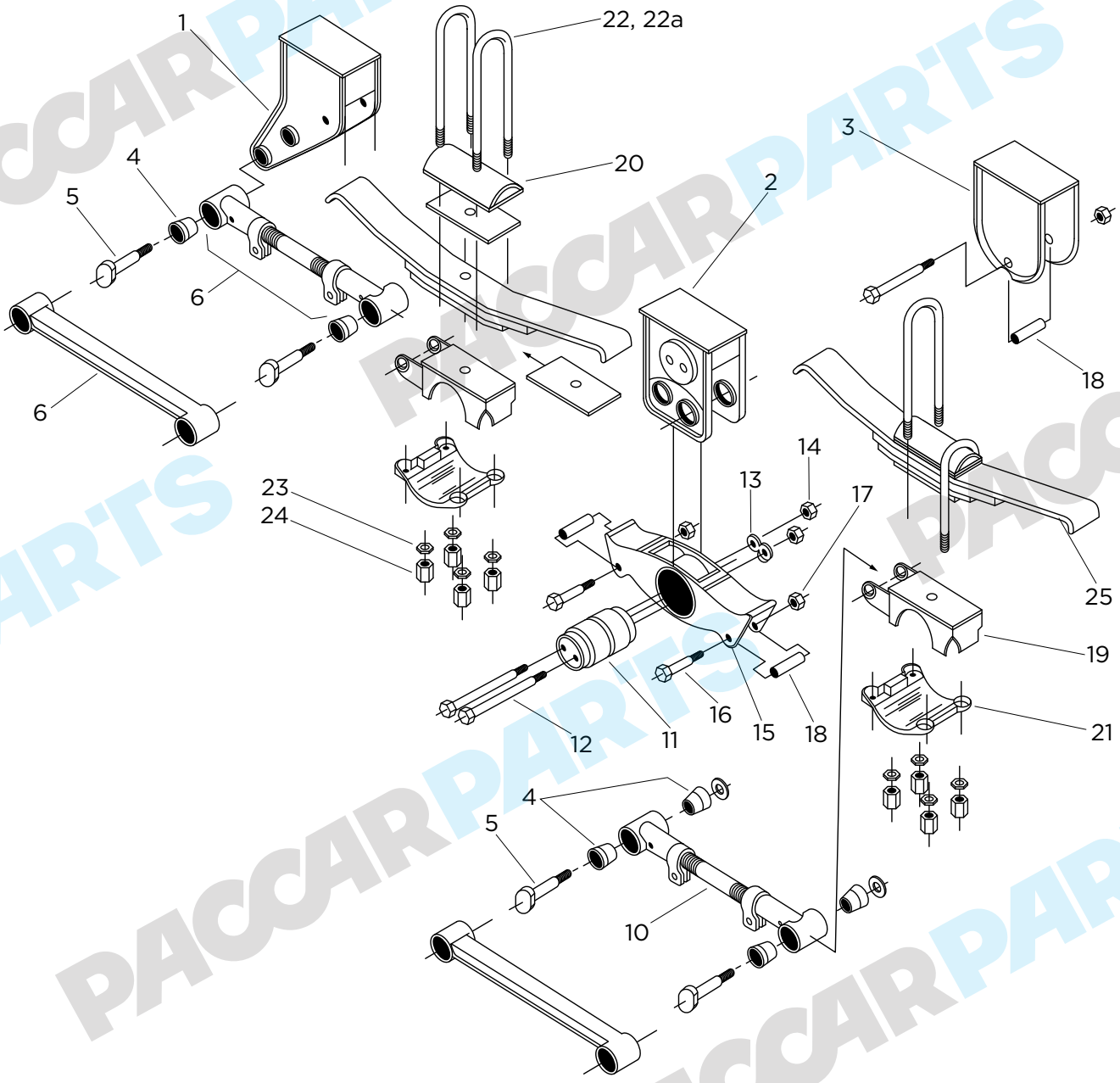
MECHANICAL SUSPENSIONS
FRUEHAUF 'F' TYPE SUSPENSIONS

OVERSLUNG FABRICATED SUSPENSION

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
17	T03-1101	Equaliser Bush	T03-1101-M Is An Optional Alternative To T03-1101, T03-1101-P And T03-1101SP "M" Indicates USA Mullins Bush	See Section 24 For Equalisers and Components
	T03-1101-P		"P" Indicates Red Polypropylene Bush	
	T03-1101SP		"SP" Indicates Split Red Polypropylene Bush	
18	T03-1201AU	Equaliser Pin	T03-1201AU Is Supplied Complete With T03-5505 Nut And T03-1223 Washer	
	T03-1201HD	Equaliser Pin - Heavy Duty	T03-1201HD Is Supplied Complete With T03-5505 Nut And T03-1223 Washer	
	T03-1223	Equaliser Pin Washer		
	T03-5505	Equaliser Pin UNF Nyloc Nut	1" UNF	
19	NLA	Equaliser - Cast	T03-1165 NLA 8' 1" Spread	
19A	NLA	Equaliser - Cast	T03-1165A NLA 8' 1" Spread - Aftermarket	
20	NLA	Equaliser - Cast	T03-1192 NLA 9' 1" Spread	
21	NLA	Equaliser - Cast	T03-1167 NLA 10' 1" Spread	
22	NLA	Spring Seat - Round Axle	T03-7336 NLA	
23	NLA	Spring Top Plate	T03-8015 NLA	
24	NLA	Torque Rod Mount - Round Axle	T03-7337 NLA	
24A	T03-7338	Torque Rod Mount - Square Axle		
25	T03-UBB-125AU	U-Bolt	T03-UBB-125 Superseded By T03-UBB-125AU T03-UBB-125AU (Note 1) 12½" Long x 5" Wide x ⅞" UNF	See Section 22 For U-Bolts
26	T03-8052	U-Bolt Washer	⅞" Diameter	
27	T03-8051	U-Bolt Deep Nut	⅞" UNF	
28	T03-7401AU	13 Leaf Springs	T03-7401 Superseded By T03-7401AU	See Section 21 For Springs and Components

NLA - NO LONGER AVAILABLE

MECHANICAL SUSPENSIONS
FREIGHTER TAA49 SUSPENSIONS



Notes

1. Item 18, Tube Spacers, may be cut from suitable pipe.
2. Suspension may also be found as a variation model TAA39. TAA39 suspension uses straight bushes, part number SP1302AU, in the torque rod ends.

For further information contact your nearest authorised PACCAR Parts dealer.

Cummins Meritor

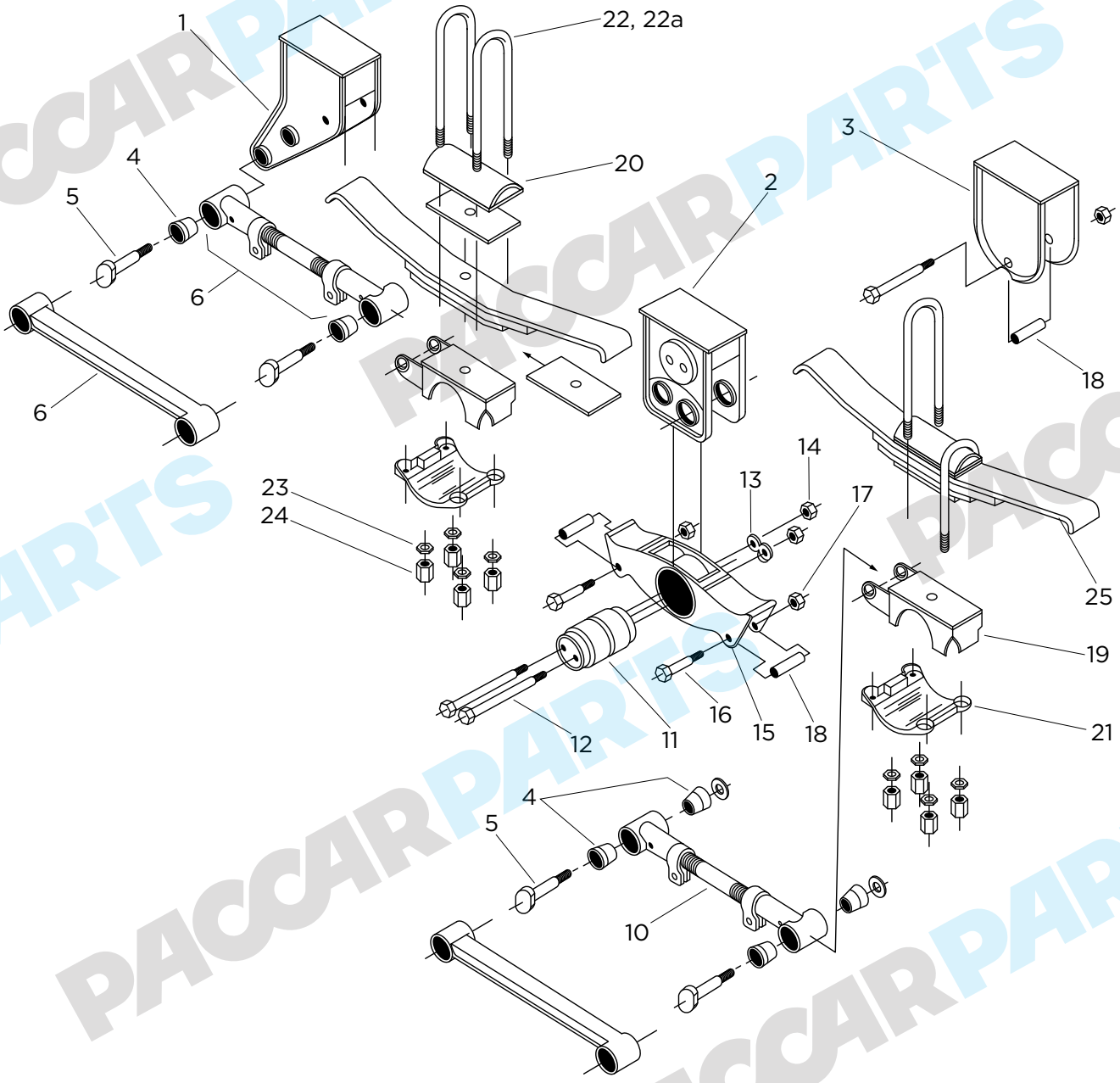
MECHANICAL SUSPENSIONS
FREIGHTER TAA49 SUSPENSIONS

OVERSLUNG FABRICATED SUSPENSION

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
1	NLA	Front Hanger	T03-3301 NLA	
2	NLA	Equaliser Hanger	TAA49 Equaliser Hanger Is NLA	
3	NLA	Rear Hanger	T03-3303 NLA	
4	T03-1301-M	Torque Rod Bush	"M" Indicates USA Mullins Bush	See Section 23 For Torque Rods and Components
	T03-1301-P		"P" Indicates Red Polypropylene Bush	
	T03-1301SP		"SP" Indicates Split Red Polypropylene Bush	
5	T03-1401AU	Torque Rod Bolt	T03-1401AU Is Supplied Complete With T03-5505 Nut And T03-1452 Washer T03-1401HD 6½" Long x 1¼" Diameter	See Section 24 For Equalisers and Components
	T03-1401HD	Torque Rod Bolt - Heavy Duty	T03-1401HD Is Supplied Complete With T03-5505 Nut And T03-1452 Washer T03-1401HD 6½" Long x 1¼" Diameter	
	T03-1452	Torque Rod Bolt Washer	T03-1452 1¼" Diameter T03-8052 ⅞" Diameter	
	T03-5505	Torque Rod Bolt UNF Nyloc Nut	T03-5505 1" UNF K169-143-144CA ⅞" UNF	
6	NLA	Torque Rod - Rigid	T03-1341 NLA 432 mm Centre To Centre	See Section 23 For Torque Rods and Components
7	NLA	Torque Rod - Front - Adjustable	T03-1415 Left Hand Torque Rod End NLA T03-1416 Right Hand Torque Rod End NLA T03-1346 Torque Rod Screw NLA 432 mm Centre To Centre	
8	NLA	Torque Rod End	T03-1415 NLA Left Hand	
9	NLA	Torque Rod End	T03-11416 NLA Right Hand	
10	NLA	Torque Rod Screw	T03-1346 NLA	
11	WT1103	Equaliser Bush		See Section 24 For Equalisers and Components
12	T03-1206	Equaliser Pin		
13	NLA	Equaliser Pin Washer	T03-1228 Is NLA	
14	T03-1205	Equaliser Pin Nut	⅝"-18 Thread	
15	T03-1152	Equaliser		
16	K041-578-550	Equaliser Roller Bolt	⅝" UNF	
17	K169-143-108CA	Equaliser Roller Bolt Nut	NYLOC Nut, Grade 8, ⅝" UNF	
18	N/A	Tube Spacer	Tube Spacers may be cut from suitable pipe. (Note 1)	
19	T03-7307	Axle Seat	50 mm High - 5" Round Axle	
20	NLA	Spring Top Plate	T03-8005 NLA	
21	NLA	Axle Bottom Plate	T03-7314 NLA	

NLA - NO LONGER AVAILABLE | N/A NOT APPLICABLE

MECHANICAL SUSPENSIONS
FREIGHTER TAA49 SUSPENSIONS



Notes

1. Item 18, Tube Spacers, may be cut from suitable pipe.
2. Suspension may also be found as a variation model TAA39. TAA39 suspension uses straight bushes, part number SP1302AU, in the torque rod ends.

For further information contact your nearest authorised PACCAR Parts dealer.

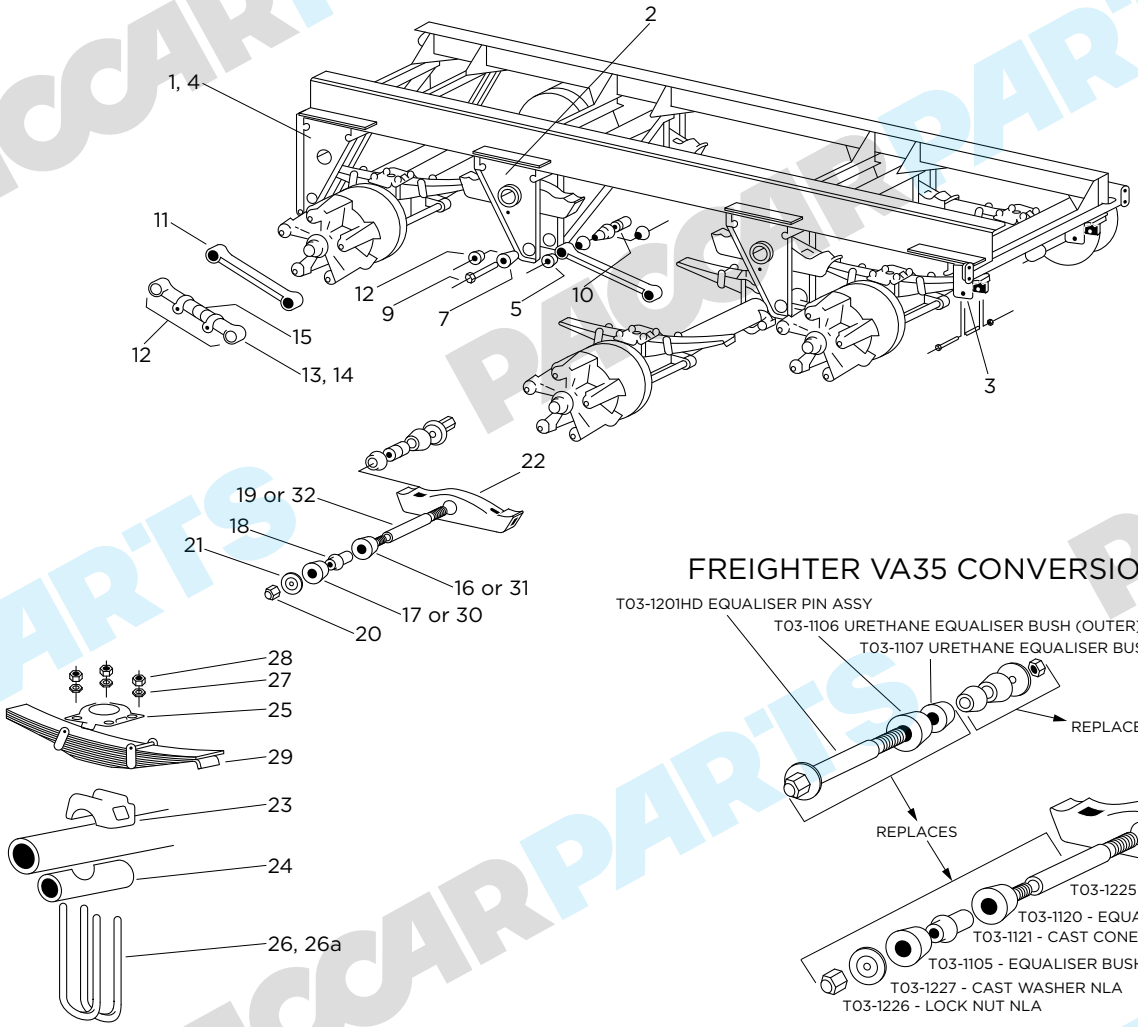
Cummins Meritor

MECHANICAL SUSPENSIONS
FREIGHTER TAA49 SUSPENSIONS

OVERSLUNG FABRICATED SUSPENSION

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
22	NLA	U-Bolt	T03-UBD-135 NLA 13½" Long x 3½" Wide x ⅞" UNF	See Section 22 For U-Bolts
22A	T03-UBD-145AU	U-Bolt	14½" Long x 3½" Wide x ⅞" UNF	
23	T03-8052	U-Bolt Washer		
24	T03-8051	U-Bolt Deep Nut	⅞" UNF	
25	T03-7438AU	9 Leaf Spring		See Section 21 For Springs and Components
	T03-7438HDAU	10 Leaf Spring		

MECHANICAL SUSPENSIONS
FREIGHTER VA35 SUSPENSIONS



FREIGHTER VA35 CONVERSION PARTS LIST

Notes

1. Hangers listed (Front, centre and rear) are total assemblies comprising both left and right units.

For further information contact your nearest authorised PACCAR Parts dealer.

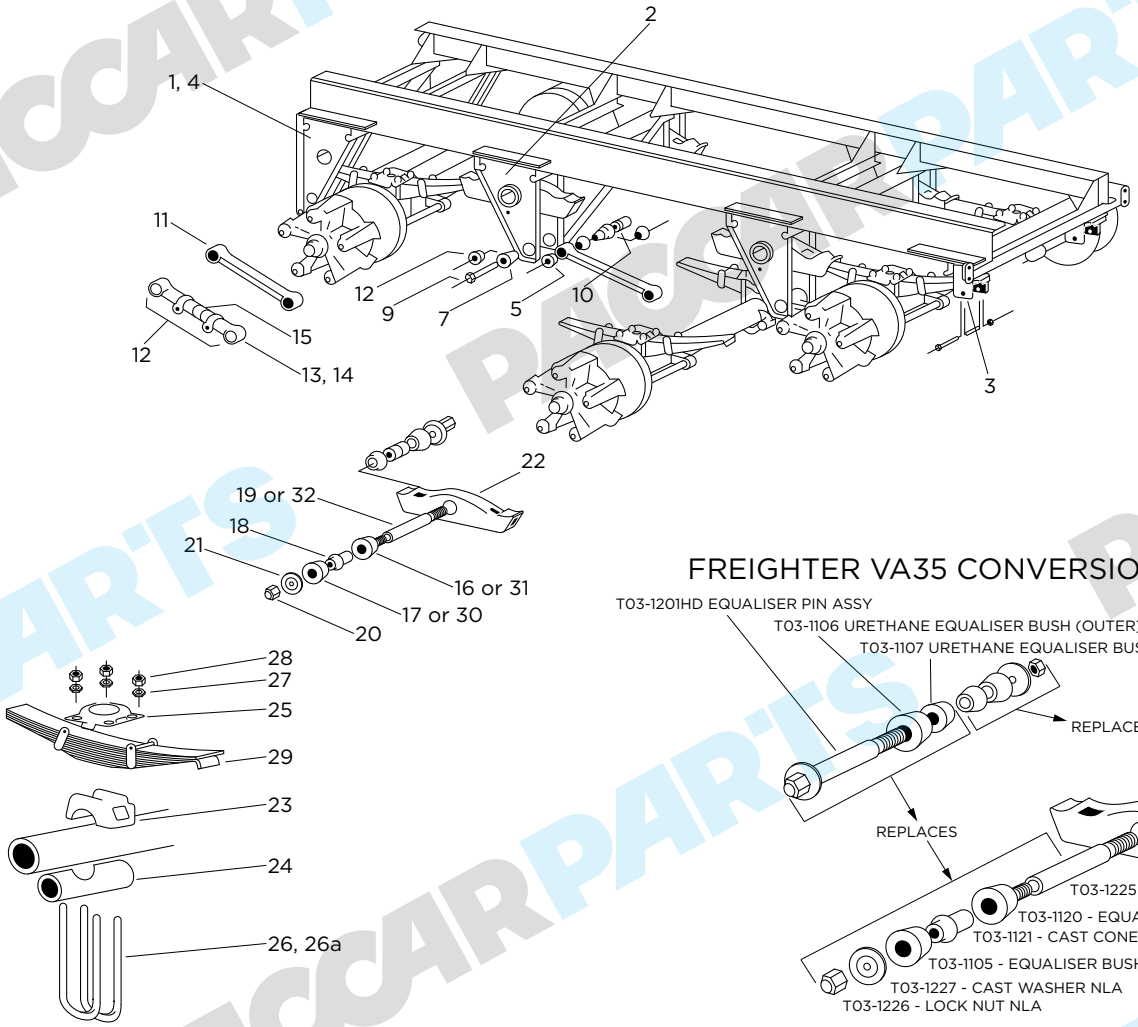
MECHANICAL SUSPENSIONS
FREIGHTER VA35 SUSPENSIONS

OVERSLUNG FABRICATED SUSPENSION

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
1	NLA	Front Hanger	T03-3337 NLA	
2	T03-3338	Equaliser Hanger	See Note 1	
3	NLA	Rear Hanger	T03-3339 NLA	
4	NLA	Spring Slipper	T03-1471 NLA	
5	NLA	Torque Rod Inner Bush	T03-1304 NLA	See Section 23 For Torque Rods and Components
6	NLA	Torque Rod Outer Bush	T03-1305 NLA	
7	T03-1306	Torque Rod Bush Flanged Spacer		
8	T03-1313	Torque Rod Bush		
9	NLA	Torque Rod Bolt	T03-1402 NLA	See Section 24 For Equalisers and Components
9A	K169-143-164CA	Nut - Torque Rod Bolt		
10	T03-1452	Washer - Torque Rod Bolt		
11	NLA	Torque Rod - Rigid	T03-1390 NLA 492 mm Centre To Centre	See Section 23 For Torque Rods and Components
12	NLA	Torque Rod - Adjustable	Left Hand Torque Rod End T03-1368 NLA, Right Hand Torque Rod End T03-1383 NLA Torque Rod Screw T03-1358 NLA 492 mm Centre To Centre	
13	NLA	Torque Rod End	T03-1368 NLA Left Hand	
14	NLA	Torque Rod End	T03-1383 NLA Right Hand	
15	NLA	Torque Rod Screw	T03-1358 NLA Torque Rod Screw	
16	T03-1120	Equaliser Inner Bush	Inner ½	**For Conversion To Polyurethane Bushes Use:** T03-1107 In Place Of T03-1120
17	T03-1105	Equaliser Outer Bush	Outer ½	T03-1106 In Place Of T03-1105 and T03-1121
18	NLA	Equaliser Bush Flanged Spacer	T03-1121 NLA	
19	T03-1225	Equaliser Pin		T03-1201HD In Place Of T03-1225, T03-1226 & T03-1227 T03-1401HD Is Supplied Complete With T03-5505 Nut And T03-1452 Washer T03-1401HD 6½" Long x 1¼" Diameter
20	NLA	Equaliser Pin Nut	T03-1226 NLA	
21	NLA	Equaliser Pin Washer - Cast	T03-1227 NLA	
22	NLA	Equaliser - Cast - 9' 1"	T03-1153 NLA	
22A	NLA	Equaliser - Fabricated - 10' 1"	T03-1154 NLA	
23	NLA	Spring Saddle - Round Axle	T03-7313 NLA	
24	NLA	Torque Rod Bracket - Round Axle	T03-7312 NLA	
25	NLA	Spring Top Plate	T03-8002 NLA	

NLA - NO LONGER AVAILABLE

MECHANICAL SUSPENSIONS
FREIGHTER VA35 SUSPENSIONS



FREIGHTER VA35 CONVERSION PARTS LIST

Notes

1. Hangers listed (Front, centre and rear) are total assemblies comprising both left and right units.

For further information contact your nearest authorised PACCAR Parts dealer.

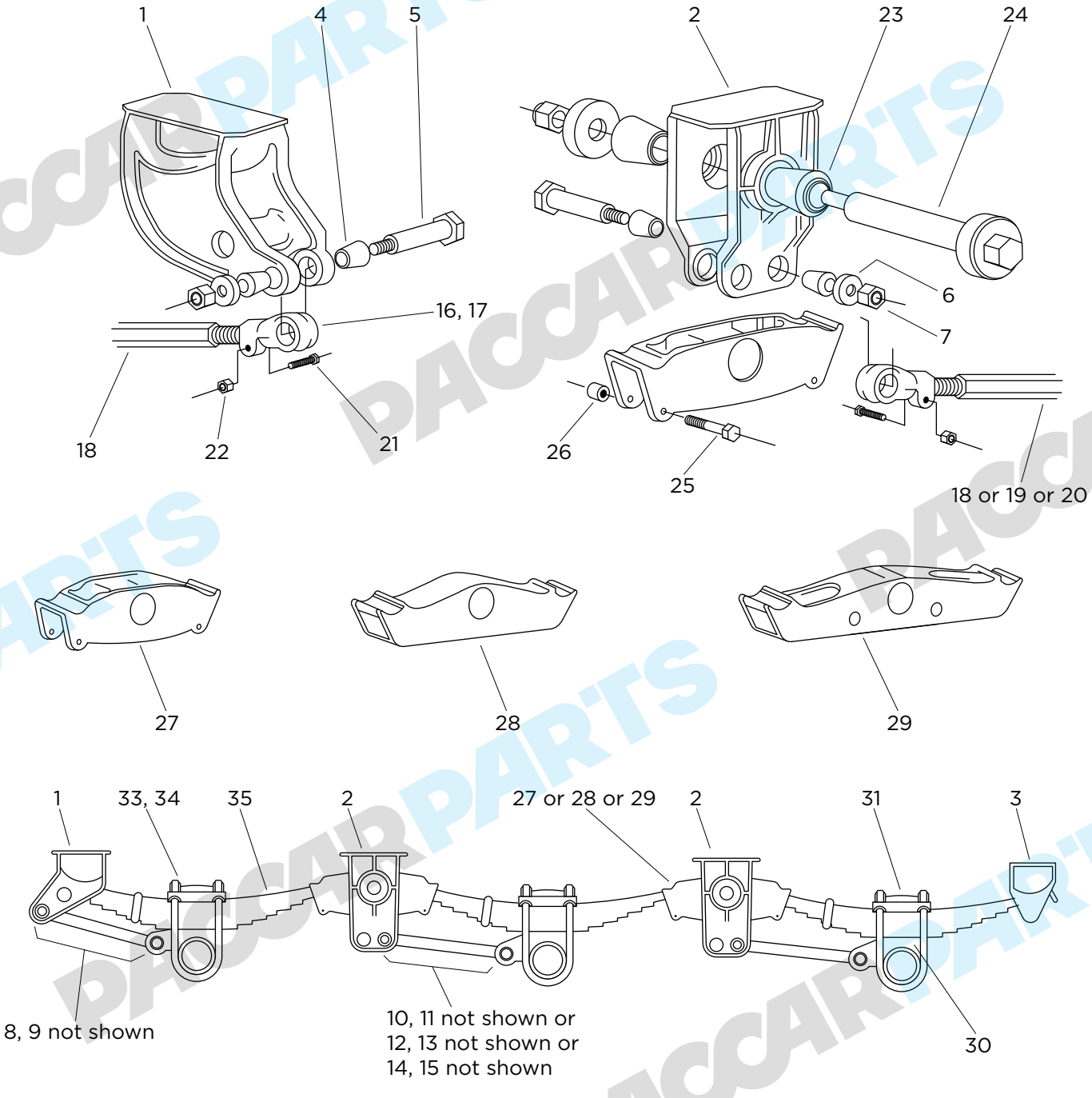
MECHANICAL SUSPENSIONS
FREIGHTER VA35 SUSPENSIONS

OVERSLUNG FABRICATED SUSPENSION

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
26	NLA	U-Bolt	T03-UBF-125 NLA 12½" Long x 5" Wide x ¾" UNF	See Section 22 For U-Bolts
24A	NLA	U-Bolt	T03-UBF-135 NLA 13½" Long x 5" Wide x ¾" UNF	
27	48248	U-Bolt Washer	HW48248AUS Superseded By 48248 ¼" Diameter	
28	T03-8020	U-Bolt Deep Nut	¾" UNF	
29	T03-7438AU	9 Leaf Spring		See Section 21 For Springs and Components
	T03-7438HDAU	10 Leaf Spring		
30	T03-1106	Outer Bush	Polyurethane	See Section 24 For Equalisers and Components
31	T03-1107	Inner Bush	Polyurethane	
32	T03-1201AU	Equaliser Pin	T03-1201AU Is Supplied Complete With T03-5505 Nut And T03-1452 Washer T03-1401HD 6½" Long x 1¼" Diameter	
	T03-1201HD	Equaliser Pin	T03-1201HD Is Supplied Complete With T03-5505 Nut And T03-1452 Washer T03-1401HD 6½" Long x 1¼" Diameter	

NLA - NO LONGER AVAILABLE

MECHANICAL SUSPENSIONS
FREIGHTER VE50 SUSPENSIONS



Notes

1. Configurations also available in single axle and tandem 4′ ½″, 4′ 6½″ and 5′ ½″ axle spacing.
2. Various spring leaf combinations are available - 3, 9 and 10 leaf.
3. This suspension may be seen in the underslung format with packers installed on the top of all hangers.

For further information contact your nearest authorised PACCAR Parts dealer.

Cummins Meritor

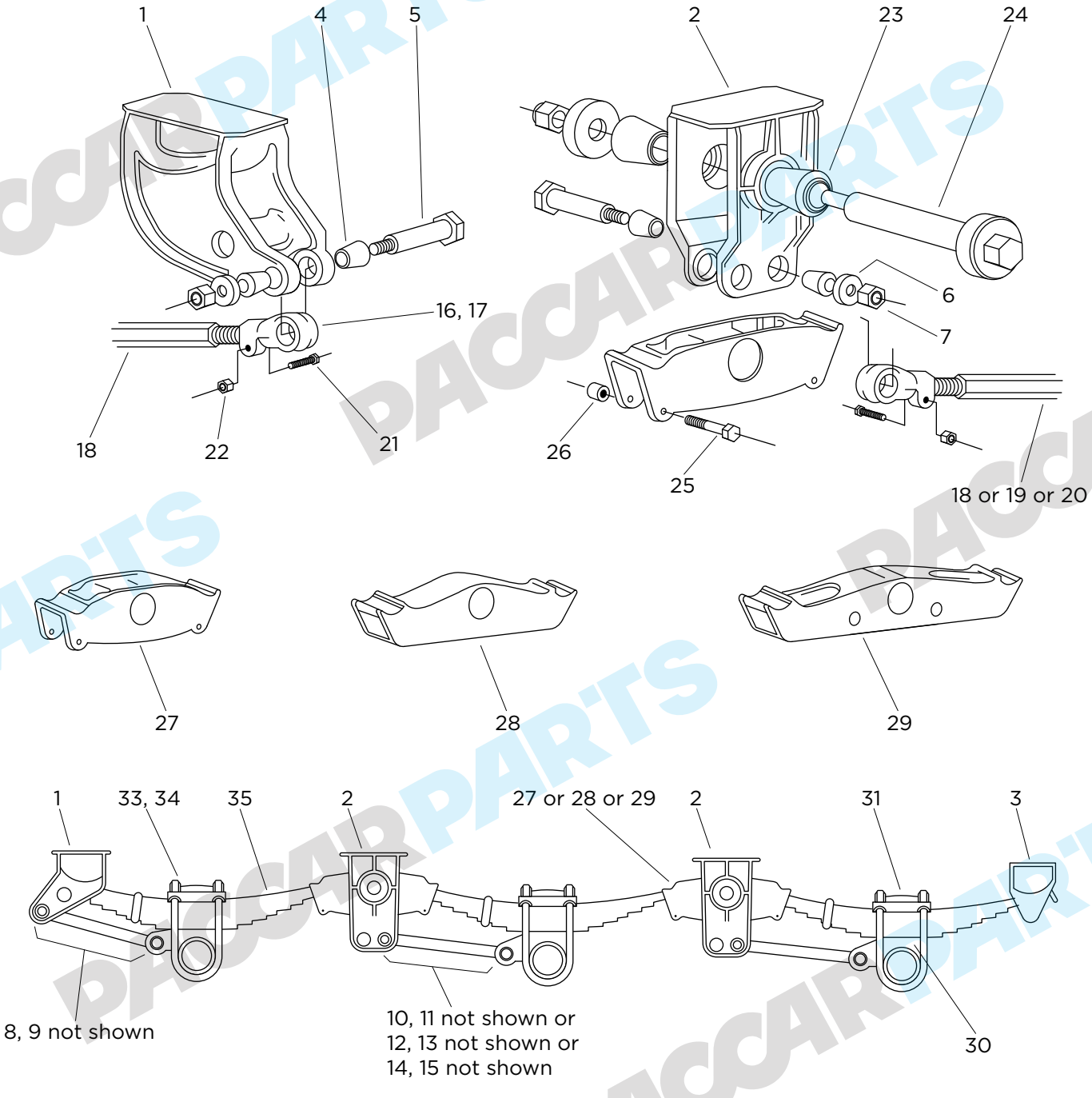
MECHANICAL SUSPENSIONS
FREIGHTER VE50 SUSPENSIONS

OVERSLUNG CAST SUSPENSION

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
1	NLA	Front Hanger	T03-3301 NLA	
2	NLA	Equaliser Hanger	T03-3302 NLA	
3	NLA	Rear Hanger	T03-3303 NLA	
4	T03-1301-M	Equaliser Bush	T03-1301 Superseded By T03-1301-M "M" Indicates USA Mullins Bush	
	T03-1301-P		"P" Indicates Red Polypropylene Bush	
	T03-1301SP		"SP" Indicates Split Red Polypropylene Bush	
5	T03-1401AU	Torque Rod Bolt	T03-1401AU Is Supplied Complete With T03-5505 Nut And T03-1452 Washer T03-1401HD 6½" Long x 1¼" Diameter	See Section 24 For Equalisers and Components
	T03-1401HD	Torque Rod Bolt - Heavy Duty	T03-1401HD Is Supplied Complete With T03-5505 Nut And T03-1452 Washer T03-1401HD 6½" Long x 1¼" Diameter	
6	T03-1452	Torque Rod Bolt Washer	1¼" Diameter	
7	T03-5505	Torque Rod Bolt Nyloc Nut	1¼" Diameter	
8	NLA	Torque Rod - Rigid	432 mm Centre To Centre T03-1341 NLA	
9	NLA	Torque Rod - Front - Adjustable	Left Hand Torque Rod End T03-1415 NLA, Right Hand Torque Rod End T03-1416 NLA Torque Rod Screw T03-1346 NLA 432 mm Centre To Centre	
10	NLA	Torque Rod - Rear - Rigid	T03-1341 NLA 8' 1" Spread - 432 mm Centre To Centre	
11	NLA	Torque Rod - Rear - Adjustable	Left Hand Torque Rod End T03-1415 NLA, Right Hand Torque Rod End T03-1416 NLA Torque Rod Screw T03-1346 NLA 8' 1" Spread - 432 mm Centre To Centre	
12	NLA	Torque Rod - Rear - Rigid	T03-1342 NLA 9' 1" Spread - 505 mm Centre To Centre	
13	NLA	Torque Rod - Rear - Adjustable	Left Hand Torque Rod End T03-1415 NLA, Right Hand Torque Rod End T03-1416 NLA Torque Rod Screw T03-1347 NLA 9' 1" Spread - 505 mm Centre To Centre	See Section 23 For Torque Rods and Components
14	NLA	Torque Rod - Rear - Rigid	T03-1343 NLA 10' 1" Spread - 600 mm Centre To Centre	
15	NLA	Torque Rod - Rear - Adjustable	Left Hand Torque Rod End T03-1415 NLA, Right Hand Torque Rod End T03-1416 NLA Torque Rod Screw T03-1348 NLA 10' 1" Spread - 600 mm Centre To Centre	
16	NLA	Torque Rod End	T03-1415 NLA Left Hand	
17	NLA	Torque Rod End	T03-1416 NLA Right Hand	
18	NLA	Torque Rod Screw	T03-1346 NLA 12" Long x 1⅜" Diameter	
19	NLA	Torque Rod Screw	T03-1347 NLA 14¾" Long x 1⅜" Diameter	
20	NLA	Torque Rod Screw	T03-1348 NLA 18½" Long x 1⅜" Diameter	

NLA - NO LONGER AVAILABLE

MECHANICAL SUSPENSIONS
FREIGHTER VE50 SUSPENSIONS



Notes

1. Configurations also available in single axle and tandem 4′ ½″, 4′ 6½″ and 5′ ½″ axle spacing.
2. Various spring leaf combinations are available - 3, 9 and 10 leaf.
3. This suspension may be seen in the underslung format with packers installed on the top of all hangers.

For further information contact your nearest authorised PACCAR Parts dealer.

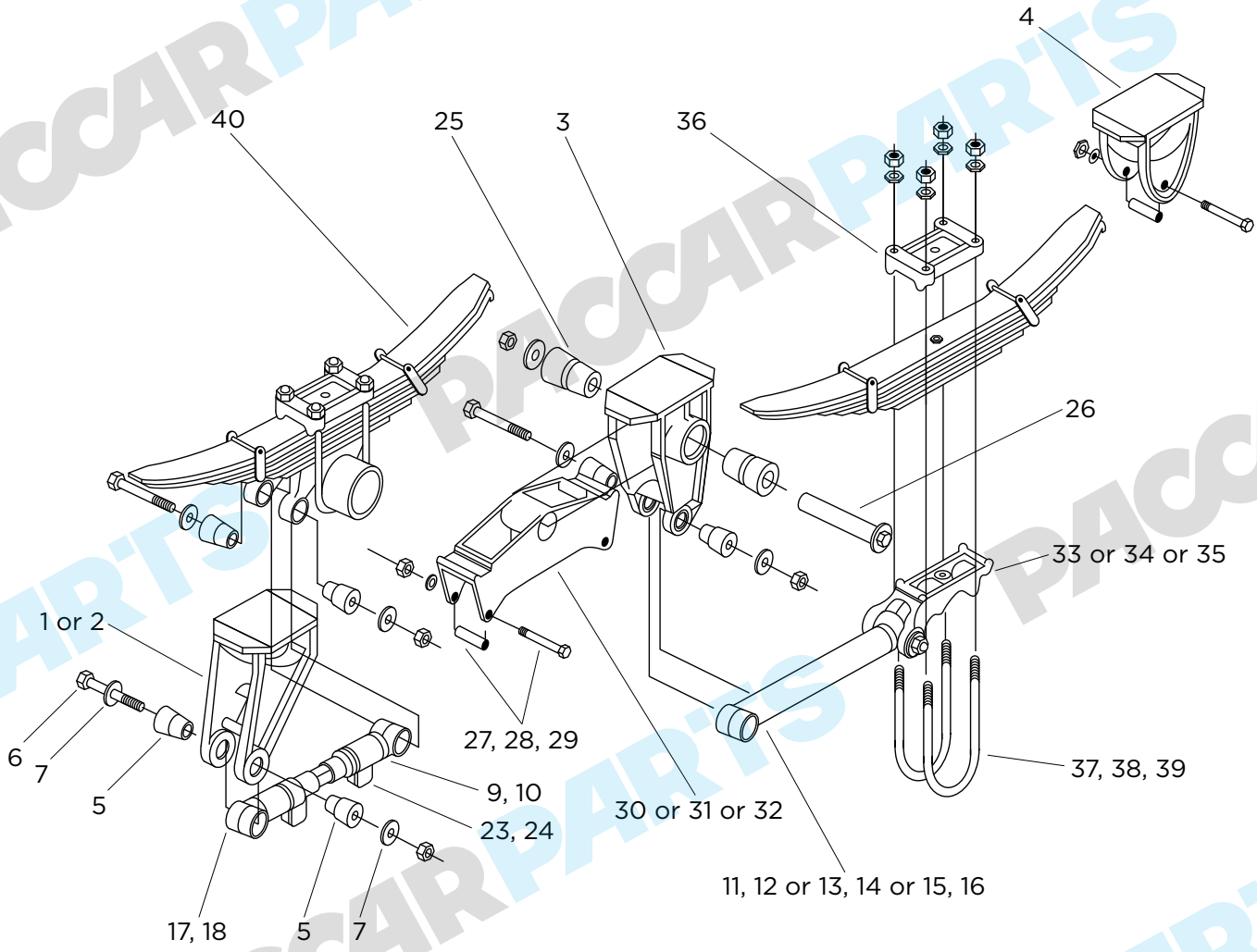
MECHANICAL SUSPENSIONS
FREIGHTER VE50 SUSPENSIONS

OVERSLUNG CAST SUSPENSION

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
21	K041-578-300	Torque Rod End Clamp Bolt	⅝" UNF	See Section 23 For Torque Rods and Components
22	K169-143-108CA	Torque Rod End Clamp Bolt Nut	52N1610-1018 Superseded By K169-143-108CA NYLOC Nut, Grade 8, ⅝" UNF Also Used For Item 26 Equaliser Roller Bolt Nut	
23	T03-1101	Equaliser Bush		See Section 24 For Equalisers and Components
	T03-1101-M		"M" Indicates USA Mullins Bush	
	T03-1101-P		"P" Indicates Red Polypropylene Bush	
	T03-1101SP		"SP" Indicates Split Red Polypropylene Bush	
24	T03-1201AU	Equaliser Pin	T03-1201AU Is Supplied Complete With T03-5505 Nut And T03-1223 Washer T03-1201HD 11½" Long x 2" Diameter 1" UNF Thread	
	T03-1201HD	Equaliser Pin	T03-1201HD Is Supplied Complete With T03-5505 Nut And T03-1223 Washer T03-1201HD 11½" Long x 2" Diameter 1" UNF Thread	
	T03-1223	Equaliser Pin Washer	Internal Diameter 1 1/32"	
	T03-5505	Equaliser Pin Nut	1" UNF	
25	K041-578-550	Equaliser Roller Bolt	⅝" UNF	
26	K169-143-108CA	Equaliser Roller Bolt Nut	52N1610-1018 Superseded By K169-143-108CA NYLOC Nut, Grade 8, ⅝" UNF Also Used For Item 22 Torque Rod End Clamp Bolt Nut	
27	NLA	Equaliser - Cast	T03-1150 NLA 8' 1" Spread (Freighter Part Number 237-00446)	
28	NLA	Equaliser - Cast	T03-1156 NLA 9' 1" Spread (Freighter Part Number 237-00437)	
29	NLA	Equaliser - Cast	T03-1157 NLA 10' 1" Spread (Freighter Part Number 237-00453)	
30	T03-7307	Axle Seat		
31	NLA	Spring Top Plate	T03-8002 NLA	
32	T03-UBF-135AU	U-Bolt	13½" Long x 5" Wide x ¾" UNF	See Section 22 For U-Bolts
32A	T03-UBF-145AU	U-Bolt	14½" Long x 5" Wide x ¾" UNF	
33	HW48248AUS	U-Bolt Washer	Flat Washer ¾" x 1 1 5/32" x ⅛"	
34	T03-8020	U-Bolt Deep Nut	¾" UNF	
35	T03-7438AU	9 Leaf Spring		See Section 21 For Springs and Components
	T03-7438HDAU	10 Leaf Spring		

NLA - NO LONGER AVAILABLE

MECHANICAL SUSPENSIONS
REYCO 21B OVERSLUNG SUSPENSIONS



Notes

1. All centre hangers are the same.
2. Configurations available in single axle, tandem and tri axle in all axle spreads.
3. Various spring leaf combinations are available - 3, 8, 9 and 10 leaf.
4. Ride heights available are approximately 370 mm, 400 mm and 425 mm
5. Early 21B front and rear hanger were left and right handed.

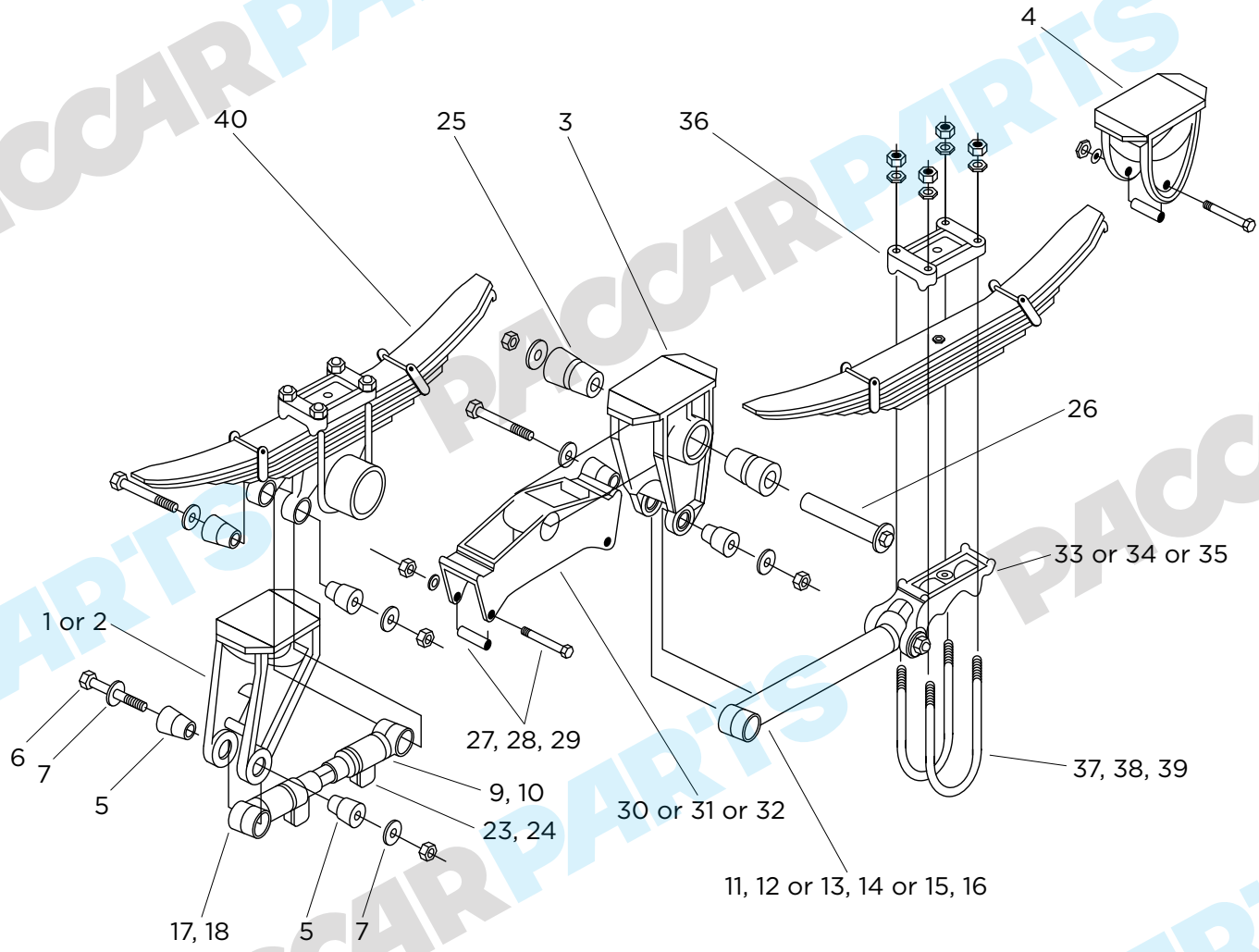
For further information contact your nearest authorised PACCAR Parts dealer.

MECHANICAL SUSPENSIONS
REYCO 21B OVERSLUNG SUSPENSIONS

OVERSLUNG CAST SUSPENSION				
ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
1	NLA	Front Hanger	T03-3306 NLA	
2	T03-3307	Front Hanger - Draw Bar		
3	T03-3308	Equaliser Hanger	8′ 1″, 9′ 1″ And 10′ 1″ Spread See Note 1	
4	T03-3309	Rear Hanger	See Note 5	
5	T03-1315	Torque Rod Bush		See Section 23 For Torque Rods and Components
6	E-1166	Torque Rod Bolt	T03-1404 Superseded By E-1166 7″ Long x 1″ Diameter	See Section 24 For Equalisers and Components
7	T03-1329	Torque Rod Bolt Washer	2¾″ X 11/16″ X 3/16″	
8	T03-1405	Torque Rod Bolt Nut		
9	T03-1366	Torque Rod - Front -Rigid	413 mm Centre To Centre	See Section 23 For Torque Rods and Components
10	ITEMS 17, 18, 19	Torque Rod - Front - Adjustable	413 mm Centre To Centre	
11	T03-1331	Torque Rod - Rear - Rigid	8′ 1″ Spread - 479 mm Centre To Centre	
12	ITEMS 17, 18, 20	Torque Rod - Rear - Adjustable	8′ 1″ Spread - 479 mm Centre To Centre	
13	T03-1332	Torque Rod - Rear - Rigid	9′ 1″ Spread - 548 mm Centre To Centre	
14	ITEMS 17, 18, 21	Torque Rod - Rear - Adjustable	9′ 1″ Spread - 548 mm Centre To Centre	
15	T03-1333	Torque Rod - Rear - Rigid	10′ 1″ Spread - 635 mm Centre To Centre	
16	ITEMS 17, 18, 22	Torque Rod - Rear - Adjustable	10′ 1″ Spread - 635 mm Centre To Centre	
17	T03-1334	Torque Rod End	Left Hand	
18	T03-1335	Torque Rod End	Right Hand	
19	T03-1336	Torque Rod Screw	Length 11¾″ x 1½″ Diameter	
20	T03-1337	Torque Rod Screw	Length 13¾″ x 1½″ Diameter	
21	T03-1338	Torque Rod Screw	Length 18½″ x 1½″ Diameter	
22	T03-1339	Torque Rod Screw	Length 20½″ x 1½″ Diameter	
23	K041-578-300	Torque Rod End Clamp Bolt	Length 3″ Grade 8, ⅝″ UNF	
24	K169-143-108CA	Torque Rod End Clamp Bolt Nut	NYLOC Nut, Grade 8, ⅝″ UNF	

NLA - NO LONGER AVAILABLE

MECHANICAL SUSPENSIONS
REYCO 21B OVERSLUNG SUSPENSIONS



Notes

1. All centre hangers are the same.
2. Configurations available in single axle, tandem and tri axle in all axle spreads.
3. Various spring leaf combinations are available - 3, 8, 9 and 10 leaf.
4. Ride heights available are approximately 370 mm, 400 mm and 425 mm
5. Early 21B front and rear hanger were left and right handed.

For further information contact your nearest authorised PACCAR Parts dealer.

MECHANICAL SUSPENSIONS
REYCO 21B OVERSLUNG SUSPENSIONS

OVERSLUNG CAST SUSPENSION				
ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
25	NLA	Equaliser Bush	T03-1130 NLA	See Section 24 For Equalisers and Components
26	NLA	Equaliser Pin Equaliser Pin Washer Equaliser Pin Nut	T03-1130 NLA	
27	T03-1203	Equaliser Roller		
28	T03-0505	Equaliser Roller Bolt	1¼" Diameter	
29	K169-143-080CA	Equaliser Roller Bolt Lock Nut	Lock Nut ½" UNF	
30	T03-1196	Equaliser	8' 1" Spread	
31	NLA	Equaliser	9' 1"" Spread T03-1197 NLA	
32	T03-1198	Equaliser	10' 1" Spread	
33	T03-7315	Axle Seat	20 mm High - 5" Round axle	
34	T03-7316	Axle Seat	50 mm High - 5" Round axle	
35	T03-7317	Axle Seat	75 mm High - 5" Round axle	
36	T03-8003	Spring Top Plate		
37	T03-UBB-125AU	U-Bolt	T03-UBB-125AU Suitable For 8 Leaf Springs And Low Axle Seat 12½" Long x 5" Wide x ⅞" UNF	See Section 22 For U-Bolts
38	T03-8052	U-Bolt Washer	⅞" Diameter	
39	T03-8051	U-Bolt Deep Nut	⅞" UNF	
40	T03-7458	8 Leaf Spring	See Note 3	See Section 21 For Springs and Components

Notes

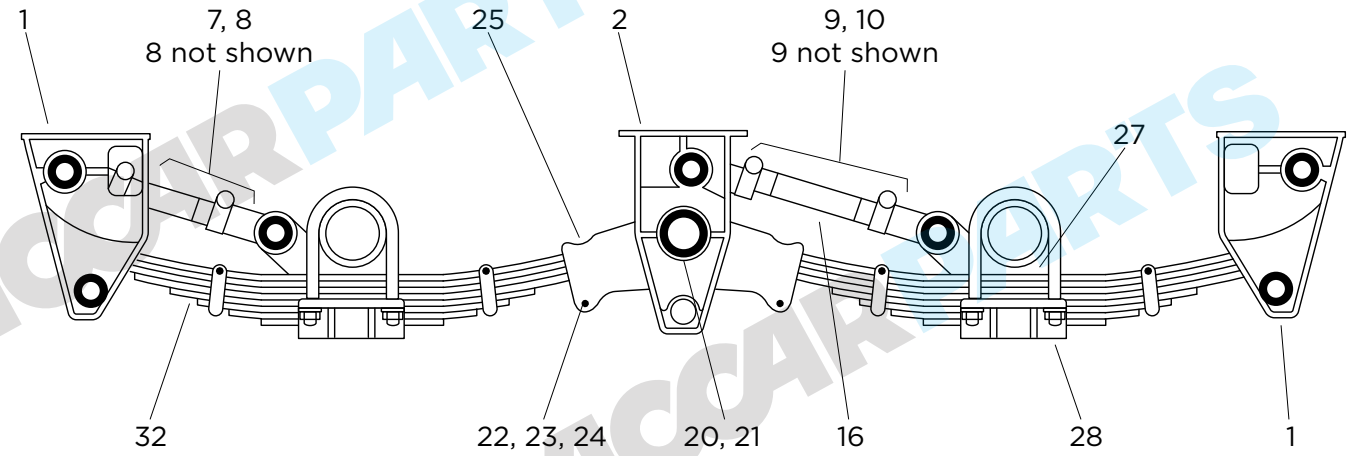
1. All centre hangers are the same.
2. Configurations available in single axle, tandem and tri axle in all axle spreads.
3. Various spring leaf combinations are available - 3, 8, 9 and 10 leaf.
4. Ride heights available are approximately 370 mm, 400 mm and 425 mm
5. Early 21B front and rear hanger were left and right handed.

For further information contact your nearest authorised PACCAR Parts dealer.

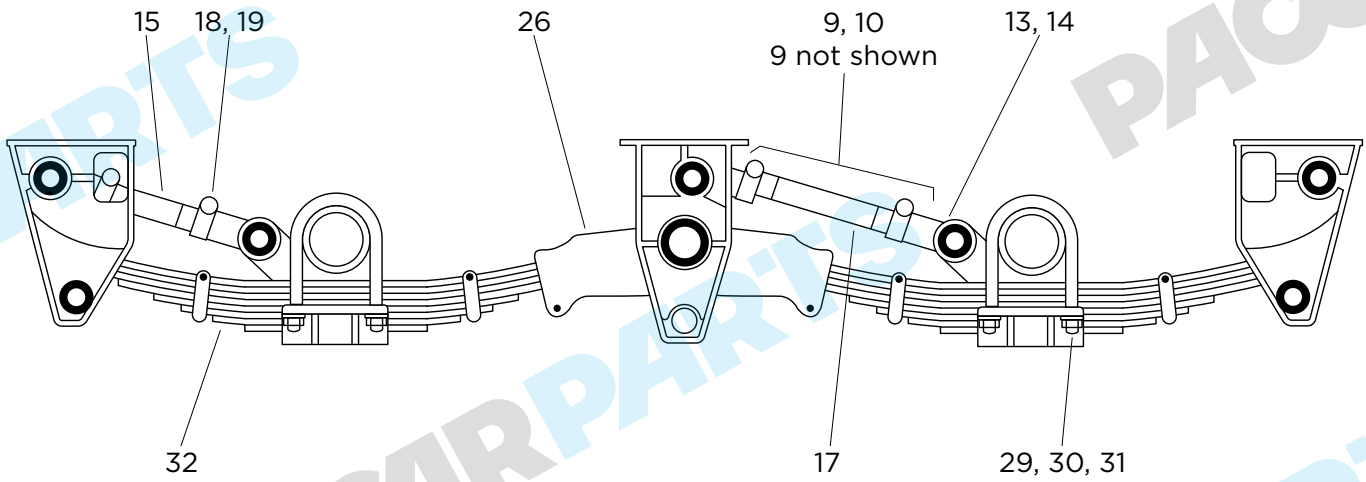
NLA - NO LONGER AVAILABLE

MECHANICAL SUSPENSIONS
REYCO 21B UNDERSLUNG SUSPENSIONS

TANDEM AXLE 4' 6" AXLE SPREAD



TANDEM AXLE 5' 1" AXLE SPREAD



Notes

1. 4′ 6″ and 5′ 1″ tandem suspensions shown. Also available in single and tri axle configurations.
2. A small number of tandem 5′ 0″ and tri-axle 10′ 1″ spread may be encountered.
3. Various spring leaf combinations are available - 3, 8, 9 and 10 leaf.
4. Standard ride height is 200 mm.
5. Early 21B underslung suspensions used the overslung hangers with the torque rods under the springs.

For further information contact your nearest authorised PACCAR Parts dealer.

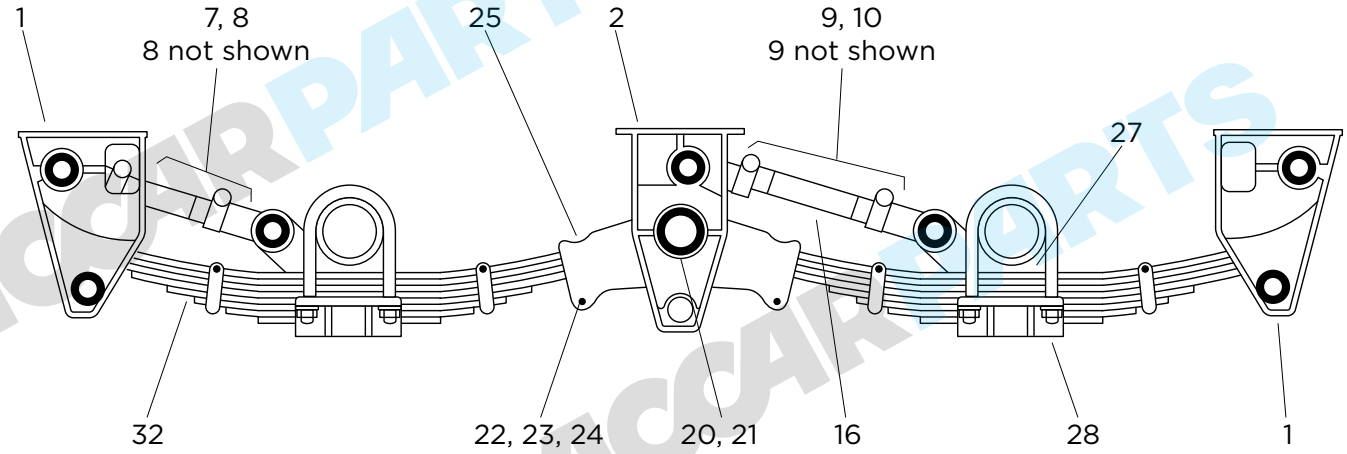
MECHANICAL SUSPENSIONS
REYCO 21B UNDERSLUNG SUSPENSIONS

UNDERSLUNG CAST SUSPENSION				
ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
1	T03-3310	Front / Rear Hanger		
2	T03-3311	Equaliser Hanger		
3	T03-1315	Torque Rod Bush		See Section 23 For Torque Rods and Components
4	E-1166	Torque Rod Bolt	7″ Long x 1″ Diameter	See Section 24 For Equalisers and Components
5	T03-1329	Torque Rod Bolt Washer	2¾″ X 11/16″ X 3/16″	
6	T03-1405	Torque Rod Bolt Nut		
7	T03-1366	Torque Rod - Front -Rigid	413 mm Centre To Centre	See Section 23 For Torque Rods and Components
8	ITEMS 13, 14, 15	Torque Rod - Front - Adjustable	413 mm Centre To Centre	
9	T03-1331	Torque Rod - Rear - Rigid	8′ 1″ Spread - 479 mm Centre To Centre	
10	ITEMS 13, 14, 16	Torque Rod - Rear - Adjustable	8′ 1″ Spread - 479 mm Centre To Centre	
11	T03-1332	Torque Rod - Rear - Rigid	9′ 1″ Spread - 548 mm Centre To Centre	
12	ITEMS 13, 14, 17	Torque Rod - Rear - Adjustable	9′ 1″ Spread - 548 mm Centre To Centre	
13	T03-1334	Torque Rod End	Left Hand	
14	T03-1335	Torque Rod End	Right Hand	
15	T03-1336	Torque Rod Screw	Length 11¾″ x 1½″ Diameter	
16	T03-1337	Torque Rod Screw	Length 13¾″ x 1½″ Diameter	
17	T03-1338	Torque Rod Screw	Length 18½″ x 1½″ Diameter	
18	K041-578-300	Torque Rod End Clamp Bolt	Length 3″ Grade 8, ⅝″ UNF	
19	K169-143-108CA	Torque Rod End Clamp Bolt Nut	NYLOC Nut, Grade 8, ⅝″ UNF	
20	NLA	Equaliser Bush	T03-1130 NLA	See Section 24 For Equalisers and Components
21	NLA	Equaliser Pin	T03-1202 NLA	
		Equaliser Pin Washer		
		Equaliser Pin Nut		
22	T03-1203	Equaliser Roller		
23	T03-0505	Equaliser Roller Bolt	1¼″ Diameter	
24	K169-143-080CA	Equaliser Roller Bolt Lock Nut	Lock Nut ½″ UNF	
25	T03-1196	Equaliser	8′ 1″ Spread	See Section 24 For Equalisers and Components
26	NLA	Equaliser	T03-1197 NLA 9′ 1″ Spread	
27	T03-7315	Axle Seat	20 mm High - 5″ Round axle	

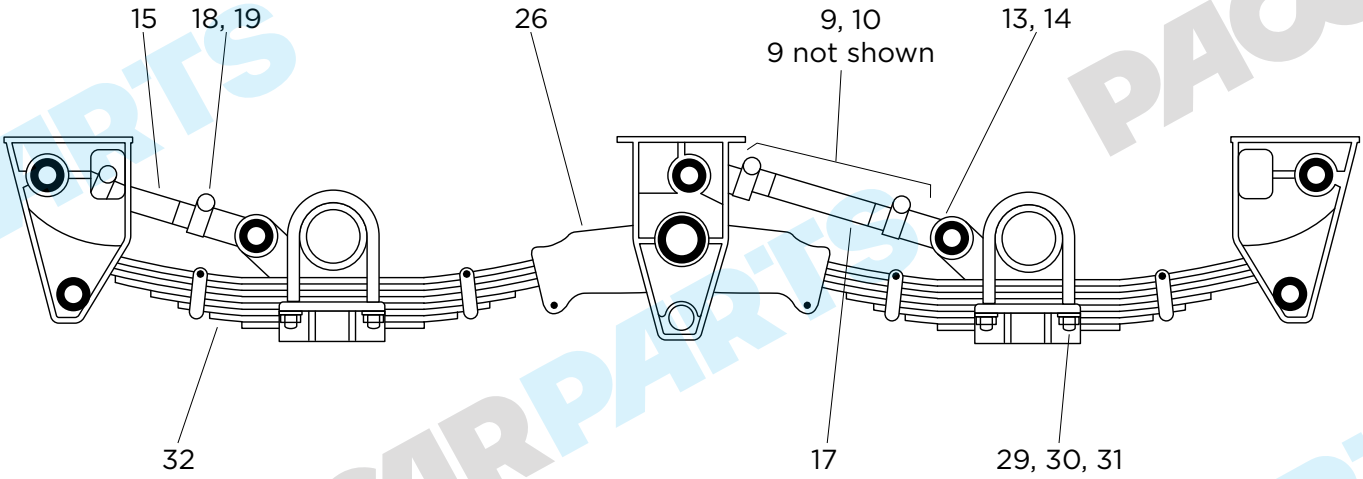
NLA - NO LONGER AVAILABLE

MECHANICAL SUSPENSIONS
REYCO 21B UNDERSLUNG SUSPENSIONS

TANDEM AXLE 4' 6" AXLE SPREAD



TANDEM AXLE 5' 1" AXLE SPREAD



Notes

1. 4' 6" and 5' 1" tandem suspensions shown. Also available in single and tri axle configurations.
2. A small number of tandem 5' 0" and tri-axle 10' 1" spread may be encountered.
3. Various spring leaf combinations are available - 3, 8, 9 and 10 leaf.
4. Standard ride height is 200 mm.
5. Early 21B underslung suspensions used the overslung hangers with the torque rods under the springs.

For further information contact your nearest authorised PACCAR Parts dealer.

MECHANICAL SUSPENSIONS
REYCO 21B UNDERSLUNG SUSPENSIONS

UNDERSLUNG CAST SUSPENSION				
ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
28	T03-7318	Spring Bottom Plate		
29	T03-UBB-10AU	U-Bolt	T03-UBB-10AU Suitable For 8 Leaf Springs 10″ Long x 5″ Wide x ⅞″ UNF″	See Section 22 For U-Bolts
30	T03-8052	U-Bolt Washer	⅞″ Diameter	
31	T03-8051	U-Bolt Deep Nut	⅞″ UNF	
32	T03-7458	8 Leaf Spring	See Note 3	See Section 21 For Springs and Components

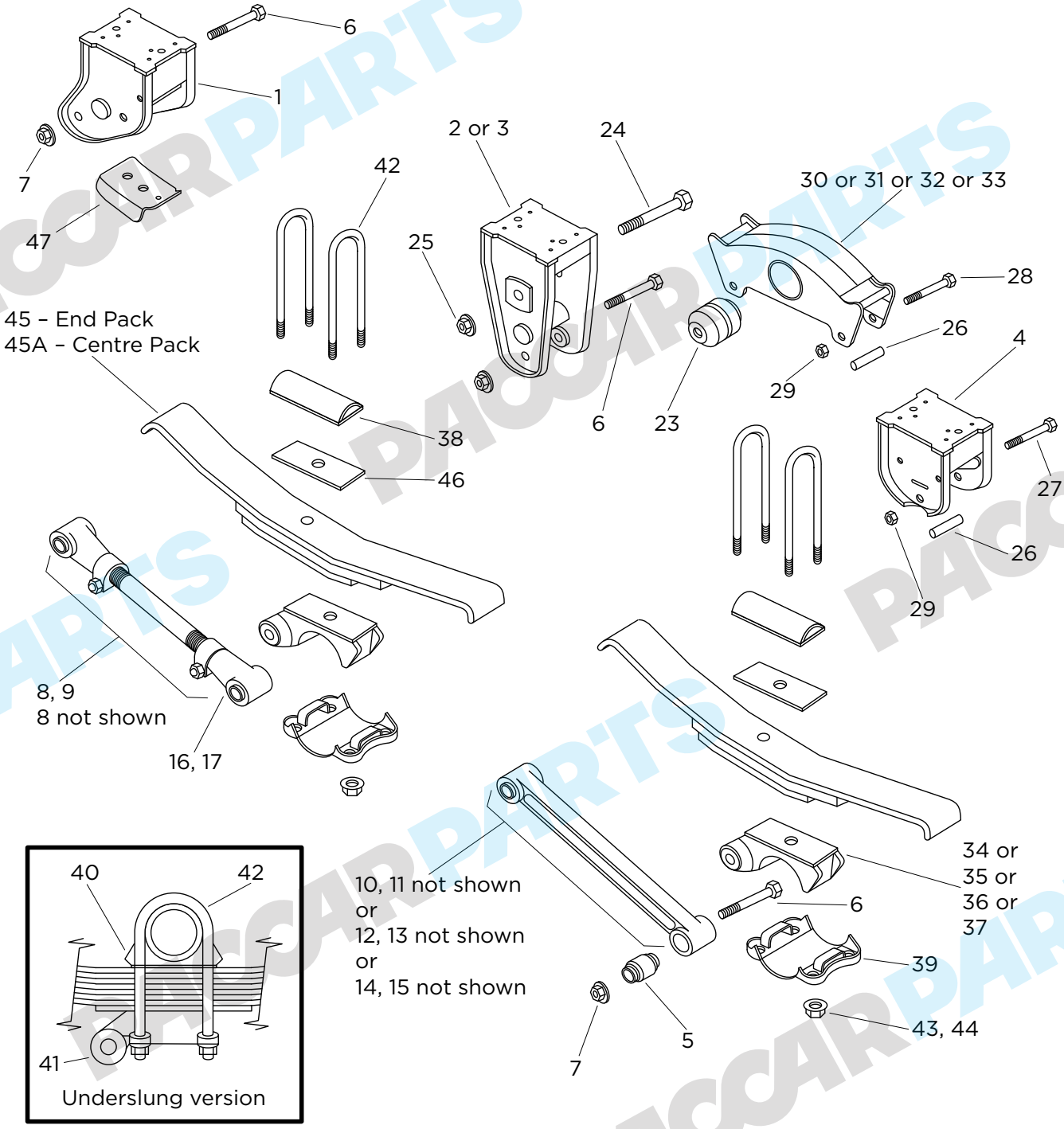
Notes

1. 4′ 6″ and 5′ 1″ tandem suspensions shown. Also available in single and tri axle configurations.
2. A small number of tandem 5′ 0″ and tri-axle 10′ 1″ spread may be encountered.
3. Various spring leaf combinations are available - 3, 8, 9 and 10 leaf.
4. Standard ride height is 200 mm.
5. Early 21B underslung suspensions used the overslung hangers with the torque rods under the springs.

For further information contact your nearest authorised PACCAR Parts dealer.

NLA - NO LONGER AVAILABLE

MECHANICAL SUSPENSIONS
REYCO-TRANSPRO MODEL 88 & 89 SUSPENSIONS



Notes

1. A small number of Transpro Model 89 suspensions will be found. These suspensions use the taper bush and pin (T03-1301, T03-1401HD) instead of the parallel bush in the torque rods.
2. Configurations available in single axle, tandem and tri axle in all axle spreads.
3. Various spring leaf combinations are available - 2, 3, 8 and 9 leaf.
4. Ride heights available range from 340mm to 465mm depending on spring packs and axle seats used.

For further information contact your nearest authorised PACCAR Parts dealer.

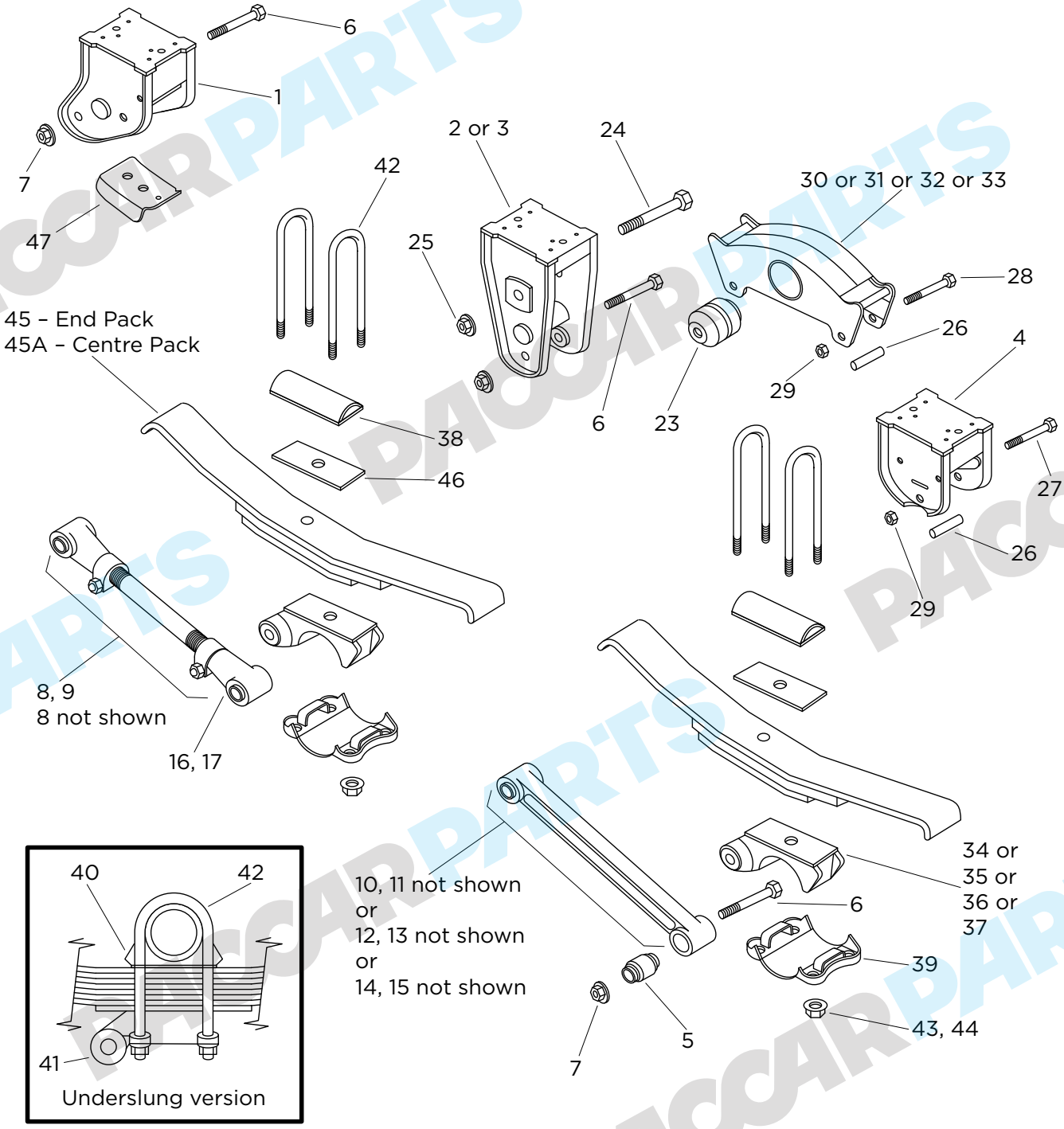
MECHANICAL SUSPENSIONS
REYCO-TRANSPRO MODEL 88 & 89 SUSPENSIONS

UNDERSLUNG/OVERSLUNG FABRICATED SUSPENSION

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS		
1	T03-3312	Front Hanger			
2	T03-3313	Equaliser Hanger	8′ 1″ and 9′ 1″ Spread		
3	NLA	Equaliser Hanger	T03-3314 NLA 10′ 1″ Spread		
4	T03-3315	Rear Hanger			
5	T03-1308-M	Torque Rod Bush	"M" Indicates USA Mullins Bush		See Section 23 For Torque Rods and Components
	T03-1308-P		"P" Indicates Red Polypropylene Bush		
	T03-1308-PST		"PST" Indicates Polypropylene Bush With Steel Sleeve		
6	K041-701-550	Torque Rod Bolt	5½″ Long x ⅞″ Diameter		See Section 24 For Equalisers and Components
7	K169-143-144CA	Torque Rod Bolt Nyloc Nut	⅞″ Diameter		
8	T03-1316	Torque Rod - Front -Rigid	508 mm Centre To Centre		See Section 23 For Torque Rods and Components
9	See Items 16 & 17	Torque Rod - Front - Adjustable	T03-1337 Torque Rod Screw NLA 508 mm Centre To Centre		
10	T03-1316	Torque Rod - Rear - Rigid	8′ 1″ Spread - 508 mm Centre To Centre		
11	See Items 16 & 17	Torque Rod - Rear - Adjustable	T03-133 Torque Rod Screw NLA 8′ 1″ Spread - 508 mm Centre To Centre		
12	T03-1317	Torque Rod - Rear - Rigid	9′ 1″ Spread - 578 mm Centre To Centre		
13	ITEMS 16, 17,19	Torque Rod - Rear - Adjustable	9′ 1″ Spread - 578 mm Centre To Centre		
14	NLA	Torque Rod - Rear - Rigid	T03-1318 NLA 10′ 1″ Spread - 648 mm Centre To Centre		
15	ITEMS 16, 17, 20	Torque Rod - Rear - Adjustable	10′ 1″ Spread - 648 mm Centre To Centre		
16	T03-1319	Torque Rod End	Left Hand		
17	T03-1320	Torque Rod End	Right Hand		
18	NLA	Torque Rod Screw	T03-1337 NLA Length - 13¾″ x 1½″ Diameter		
19	T03-1338	Torque Rod Screw	Length - 18½″ x 1½″ Diameter		
20	NLA	Torque Rod Screw	T03-1339 NLA Length - 20½″ x 1½″ Diameter		
21	K041-578-300	Torque Rod End Clamp Bolt	Length 3″ Grade 8, ⅝″ UNF		See Section 24 For Equalisers and Components
22	K169-143-108CA	Torque Rod End Clamp Bolt Nut	NYLOC Nut, Grade 8, ⅝″ UNF		
23	T03-1134	Equaliser Bush	3 5/16″ OD	See Equaliser Bush Tool T03-1139	
	T03-1134HD		3 29/64″ OD		

NLA - NO LONGER AVAILABLE | OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER

MECHANICAL SUSPENSIONS
REYCO-TRANSPRO MODEL 88 & 89 SUSPENSIONS



Notes

1. A small number of Transpro Model 89 suspensions will be found. These suspensions use the taper bush and pin (T03-1301, T03-1401HD) instead of the parallel bush in the torque rods.
2. Configurations available in single axle, tandem and tri axle in all axle spreads.
3. Various spring leaf combinations are available - 2, 3, 8 and 9 leaf.
4. Ride heights available range from 340mm to 465mm depending on spring packs and axle seats used.

For further information contact your nearest authorised PACCAR Parts dealer.

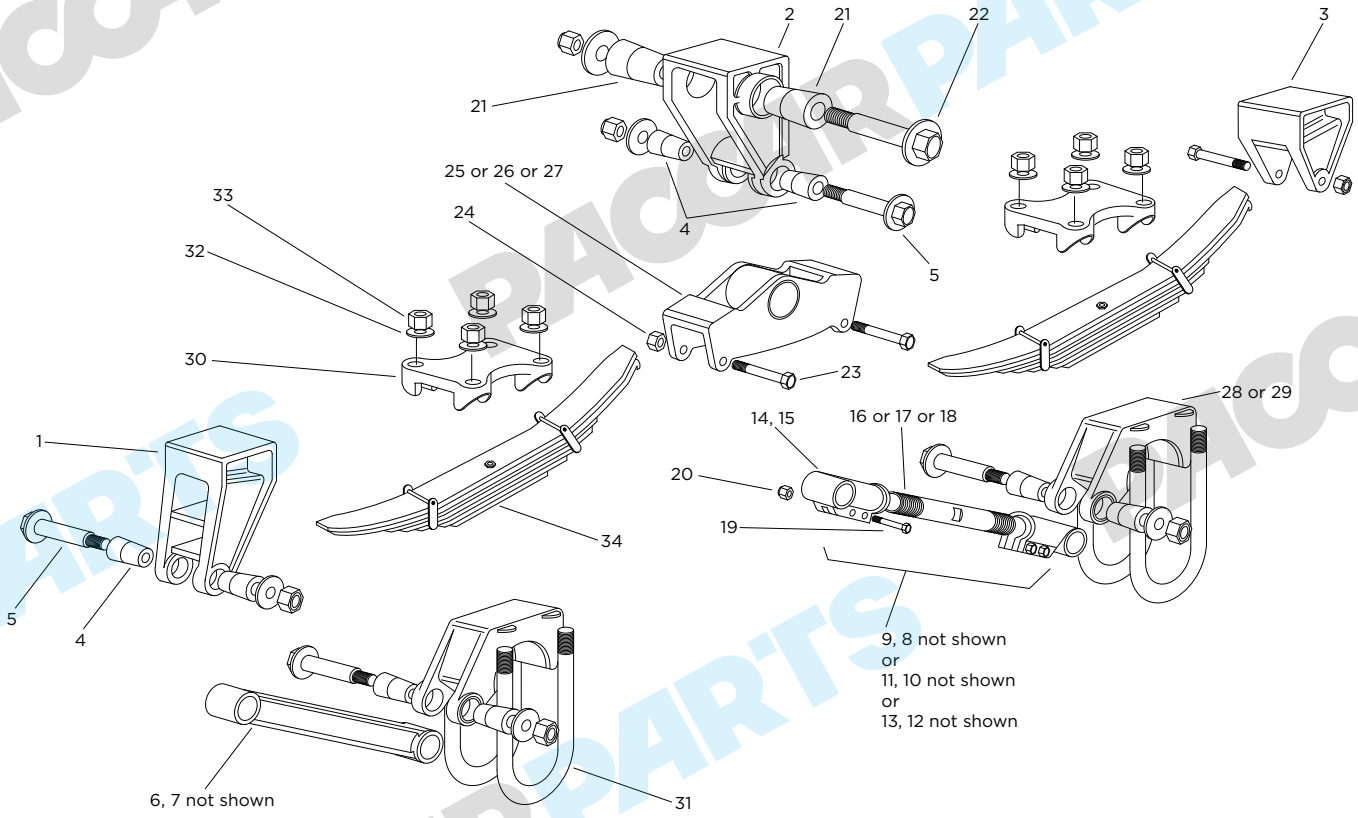
MECHANICAL SUSPENSIONS
REYCO-TRANSPRO MODEL 88 & 89 SUSPENSIONS

UNDERSLUNG/OVERSLUNG FABRICATED SUSPENSION

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS		
24	T03-1209	Equaliser Bolt			
25	T03-1210	Equaliser Bolt Nut			
26	T03-1211	Equaliser Roller			
27	K041-578-500	Rear Hanger Roller Bolt	Length 5" Grade 8, ⅝" UNF		
28	K041-578-450	Equaliser Roller Bolt	Length 4½" Grade 8, ⅝" UNF		See Section 24 For Equalisers and Components
29	K169-143-108CA	Equaliser Roller Bolt Nut	NYLOC Nut, Grade 8, ⅝" UNF		
30	T03-1195-C	Equaliser	Cast		
31	0650-00	Equaliser	Fabricated		
32	NLA	Equaliser	T03-1193 NLA Cast		
33	NLA	Equaliser	T03-1194 NLA Fabricated		
34	NLA	Axle Seat	T03-7319 NLA Overslung 25 mm High - 5" Round Axle		
35	NLA	Axle Seat	T03-7320 NLA Overslung 50 mm High - 5" Round Axle		
36	NLA	Axle Seat	T03-7321 NLA Overslung 75 mm High - 5" Round Axle		
37	NLA	Axle Seat	T03-7334 NLA Overslung 25 mm High - 120mm Square Axle		
38	NLA	Spring Top Plate	T03-8006 NLA Overslung		
39	T03-7322	Axle Bottom Plate	Overslung		
40	NLA	Axle Seat	T03-7323 NLA Underslung		
41	NLA	Bottom Plate	T03-7324 NLA Underslung		
42	T03-UBA-135	U-Bolt	Overslung 13½" Long X 3" Wide X ⅞" UNF	Part Numbers Shown Are Suitable For 8 Leaf Springs and Low Axle Seats	See Section 22 For U-Bolts
	T03-UBB-135AU	U-Bolt	Underslung 13½" Long X 5" Wide X ⅞" UNF		
43	T03-8052	U-Bolt Washer	⅞" ID		
44	T03-8051	U-Bolt Deep Nut	⅞" UNF		
45	NLA	8 Leaf Spring - End Pack	T03-7462 NLA		See Section 21 For Springs and Components
45A	NLA	8 Leaf Spring - Centre Pack	T03-7463 NLA		
46	T03-7481	Delrin Spring Liner			
47	NLA	Wear Pad	T03-1472 NLA		

NLA - NO LONGER AVAILABLE | OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER

MECHANICAL SUSPENSIONS
ROR SUSPENSIONS



Notes

1. All centre hangers are the same.
2. Configurations also available in single axle and tandem 4′ ½″, 4′ 6½″, and 5′ ½″ axle spacing.
3. Various spring leaf combinations are available - 3, 8, 9 & 10 leaf.
4. Ride heights for overslung will range from 350 mm to 400 mm depending on axle seats and springs fitted.

For further information contact your nearest authorised PACCAR Parts dealer.

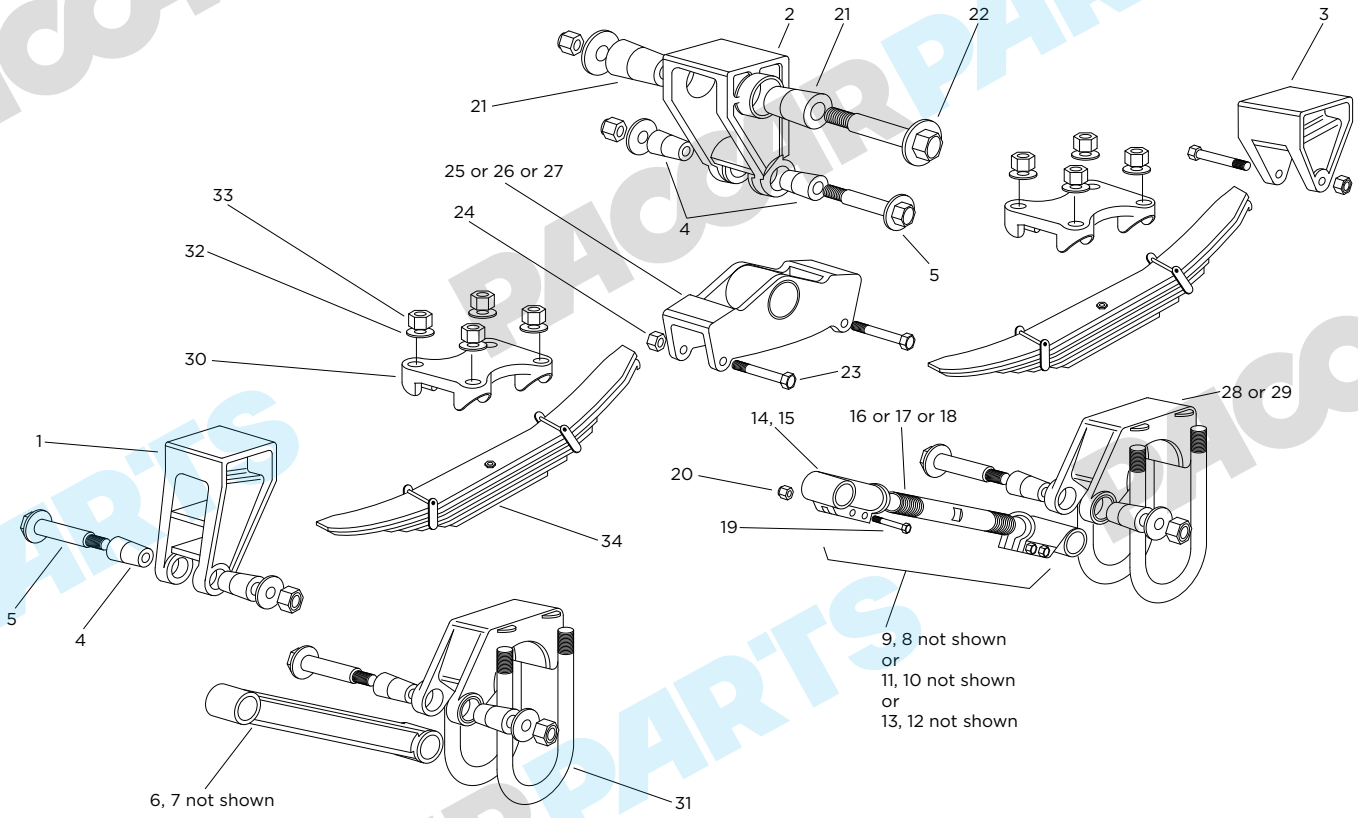
Cummins Meritor

MECHANICAL SUSPENSIONS
ROR SUSPENSIONS

OVERSLUNG CAST SUSPENSION				
ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
1	NLA	Front Hanger	T03-3322 NLA	
2	NLA	Equaliser Hanger	T03-1199 NLA	
3	NLA	Rear Hanger	T03-3321 NLA	
4	T03-1301-M	Torque Rod Bush	"M" Indicates USA Mullins Bush	See Section 23 For Torque Rods and Components
	T03-1301-P		"P" Indicates Red Polypropylene Bush	
	T03-1301SP		"SP" Indicates Split Red Polypropylene Bush	
5	T03-1401AU	Torque Rod Bolt - Heavy Duty	T03-1401AU Is Supplied Complete With T03-5505 Nut And T03-1452 Washer T03-1401HD 6½" Long x 1¼" Diameter	See Section 24 For Equalisers and Components
	T03-1401HD	Torque Rod Bolt - Heavy Duty	T03-1401HD Is Supplied Complete With T03-5505 Nut And T03-1452 Washer T03-1401HD 6½" Long x 1¼" Diameter	
	T03-1452	Torque Rod Bolt Washer	T03-1452 1¼" Diameter	
	T03-5505	Torque Rod Bolt Nyloc Nut	1" UNF	
6	NLA	Torque Rod - Front -Rigid	T03-1371 NLA 395 mm Centre To Centre	See Section 23 For Torque Rods and Components
7	ITEMS 16, 17, 18	Torque Rod - Front - Adjustable	395 mm Centre To Centre	
8	NLA	Torque Rod - Rear - Rigid	T03-1357 NLA 8' 1" Spread - 422 mm Centre To Centre	
9	ITEMS 16, 17, 18	Torque Rod - Rear - Adjustable	8' 1" Spread - 422 mm Centre To Centre	
10	KH600003/495	Torque Rod - Rear - Rigid	9' 1" Spread - 495 mm Centre To Centre	
11	ITEMS 16, 17, 19	Torque Rod - Rear - Adjustable	9' 1" Spread - 495 mm Centre To Centre	
12	KH600003/565	Torque Rod - Rear - Rigid	10' 1" Spread - 565 mm Centre To Centre	
13	ITEMS 16,17, 20	Torque Rod - Rear - Adjustable	10' 1" Spread - 565 mm Centre To Centre	
14	FW68-0502L	Torque Rod End	Left Hand	
15	FW68-0502R	Torque Rod End	Right Hand	
16	1925	Torque Rod Screw	10¼" Long x 1½" Diameter	
17	1927	Torque Rod Screw	13¾" Long x 1½" Diameter	
18	KH600006/415	Torque Rod Screw	T03-1420 Superseded by KH600006/415 16½" Long x 1½" Diameter	
19	T03-0506	Torque Rod End Clamp Bolt	1¾" Long x ½" Diameter	
20	K169-143-080CA	Torque Rod End Clamp Bolt Lock Nut	Also Used For Item 24 Equaliser Roller Bolt Lock Nut ½" UNF	

NLA - NO LONGER AVAILABLE

MECHANICAL SUSPENSIONS
ROR SUSPENSIONS



Notes

1. All centre hangers are the same.
2. Configurations also available in single axle and tandem 4′ ½″, 4′ 6½″, and 5′ ½″ axle spacing.
3. Various spring leaf combinations are available - 3, 8, 9 & 10 leaf.
4. Ride heights for overslung will range from 350 mm to 400 mm depending on axle seats and springs fitted.

For further information contact your nearest authorised PACCAR Parts dealer.

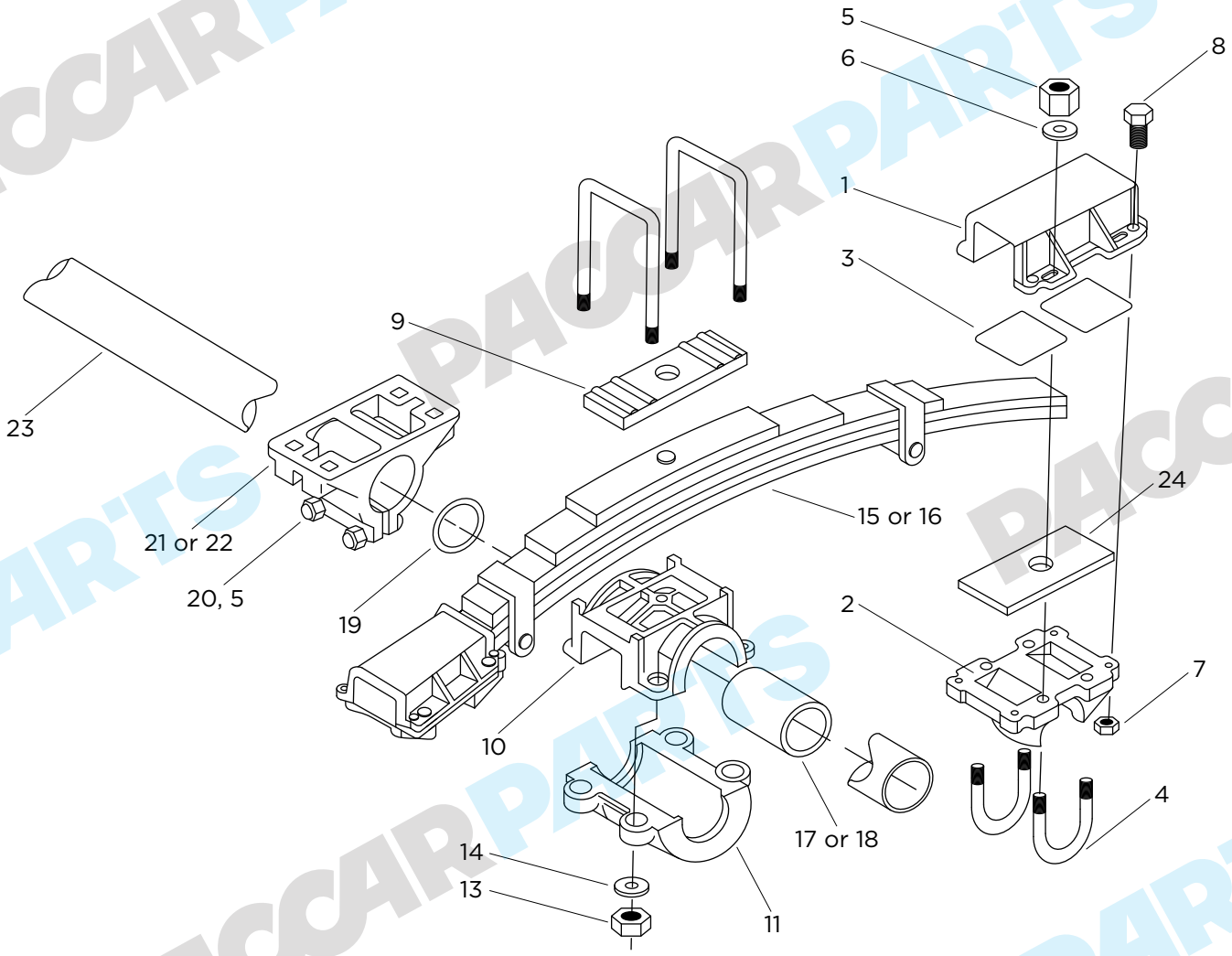
MECHANICAL SUSPENSIONS
ROR SUSPENSIONS

OVERSLUNG CAST SUSPENSION

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
21	T03-1101	Equaliser Bush	T03-1101-M Is An Optional Alternative To T03-1101, T03-1101-P And T03-1101SP "M" Indicates USA Mullins Bush	See Section 24 For Equalisers and Components
	T03-1101-P		"P" Indicates Red Polypropylene Bush	
	T03-1101SP		"SP" Indicates Split Red Polypropylene Bush	
22	T03-1201HD	Equaliser Pin	T03-1201HD Is Supplied Complete With T03-5505 Nut And T03-1223 Washer	
	T03-1223	Equaliser Pin Washer		
	T03-5505	Equaliser Pin Nut	1" UNF	
23	T03-0505	Equaliser Roller Bolt	5½" Long x ½" Diameter	
24	K169-143-080CA	Equaliser Roller Bolt Lock Nut	Also Used For Item 20 Torque Rod End Clamp Bolt Lock Nut ½" UNF	
25	KH690007	Equaliser	8' 1" Spread	
26	KH690020	Equaliser	9' 1" Spread	
27	KH690010	Equaliser	10' 1" Spread	
28	KH690027	Axle Seat	T03-7330 NLA	
29	T03-7338	Axle Seat		
30	T03-8001	Spring Top Plate		
31	T03-UBB-125AU	U-Bolt	T03-UBB-125AU Suitable For 8 Leaf Springs And Low Axle Seat 12½" Long x 5" Wide x ⅞" UNF	See Section 22 For U-Bolts
32	T03-8052	U-Bolt Washer	⅞" Diameter	
33	T03-8051	U-Bolt Deep Nut	⅞" UNF	
34	T03-7410AU	8 Leaf Spring		See Section 21 For Springs and Components

NLA - NO LONGER AVAILABLE

MECHANICAL SUSPENSIONS
HUTCH H900 SUSPENSIONS



Notes

1. Check spring pack length before ordering. Shorter springs may be found on Hamelex-White trailers.

For further information contact your nearest authorised PACCAR Parts dealer.

MECHANICAL SUSPENSIONS
HUTCH H900 SUSPENSIONS

SINGLE POINT TANDEM SUSPENSION

ITEM NO.	PART NO. TAPERED TORQUE ROD BUSH APPLICATIONS	DESCRIPTION	COMMENTS	
1	NLA	Cap - Spring End	T03-7326 NLA	
2	NLA	Seat - Spring - Adjustable	T03-7327 NLA	
3	NLA	Rubber Pad	T03-7328 NLA	
4	NLA	U-Bolt - (axle)	T03-7329 NLA	See Section 22 For U-Bolts
5	N/A	Nut	Self Locking, ¾" - 16 UNF	
6	48248	Washer		
7	N/A	Nut	Self Locking, ⅝" - 18 UNF	
8	N/A	Bolt	Hex Bolt, ⅝" - 18 UNF x 1¾" Long, GR5	
9	NLA	Top Plate	T03-8008 NLA	
10	NLA	Hub - Trunnion - Upper Half	T03-8009 NLA	
11	NLA	Hub - Trunnion - Lower Half	T03-8010 NLA	
12	NLA	U-Bolt - Trunnion	T03-8011 NLA	See Section 22 For U-Bolts
13	NLA	Nut	T03-8012 NLA 1⅛" UNF - 1½" High	
14	NLA	Washer	T03-8013 NLA	
15	NLA	Spring - 50 000lb. (short)	T03-7417 NLA 1588 mm (62.½") Long	See Section 21 For Springs and Components
16	NLA	Spring - 50 000lb. (Long)	T03-7419 NLA 1645 mm (64.¾") Long	
17	T03-1115	Bush - Trunnion - Rubber		See Section 24 For Equalisers and Components
18	T03-1115P	Bush - Trunnion - Polyurethane		
19	NLA	Washer	T03-8014 NLA	
20	N/A	Bolt	¾" - 16 UNF X 4½" Long	
21	NLA	Hanger - Trunnion - 64mm High	T03-3323 NLA	
22	NLA	Hanger - Trunnion - Optional 216mm High	T03-3324 NLA	
23	NLA	Tube - Trunnion	T03-3325 NLA	
24	NLA	Plate - Adjustment	T03-3326 NLA	

NLA - NO LONGER AVAILABLE | N/A NOT APPLICABLE


PACCAR PARTS

AIR BAG SUSPENSIONS

AIR BAG SUSPENSION DETAILED LIST	81
BPW	84
HENDRICKSON	112
HOLLAND	134
FUWA K-HITCH	154
MERITOR	164
NEWAY	184
REYCO	196
RFS SERIES 2000	200
RIDEWELL MONOPIVOT	242
SAF-HOLLAND	246
WEWELER	276
YORK	286
DIMENSIONAL COMPARISON	313
AIR BAG INFORMATION	
AIR BAG DIMENSIONS	314
AIR BAG CROSS REFERENCE	320

TO VIEW THE DIGITAL VERSION OF THE PACCAR PARTS TRAILER CATALOGUE **SCAN HERE!**

NOTES

AIR BAG SUSPENSIONS
AIR BAG SUSPENSION DETAILED LIST

BRAND	SERIES	MODEL	NOTES	PAGE
BPW	AL	ALU-D30K	Underslung	62
		ALO-D30K	Overslung	
		ALO-D30	Overslung	
	SL	SLU-D30K	Overslung	64
		SLM-D30	Overslung	
		SLO-D30K	Overslung	
		SLU-D36	Underslung	68
		SLM-D36	Overslung	
		SLO-D36	Overslung	
	HD	OT D36	Underslung	72
		OM D36	Overslung	
	AL2	AL2	Both	76
HENDRICKSON	HT	HT250U	Underslung	86
		HT300U	Underslung	
		HT250US	Underslung	88
		HT250	Overslung	90
		HT300	Overslung	
	INTRAAX	AA250	Overslung	94
		AA250	Underslung	98
	MAXITRAAX		Overslung	100
	T9-106		Underslung	102
	Quick Align Identification & Conversion Kit			106
HOLLAND	EURO	E510	Underslung	108
		E520	Overslung	110
		AC5209T	Overslung	
		E530	Underslung	112
	HD	H041	Underslung	114
		H042	Underslung	116
		H134	Underslung	118
	ULTRA LITE	U514	Underslung	120
		U524	Underslung	122
		U534	Underslung	124
FUWA K-HITCH	K RIDE		Underslung	126
	K RIDE		Overslung	130
MERITOR / ROR	FLEXAIR	FL11000	Underslung	134
		FL11000L	Underslung	
		FL11000-150	Underslung	
		FL9000	Overslung	138
		FL9000H	Overslung	142
		FL9000L	Underslung	146
		FL9000M	Underslung	150

NLA - NO LONGER AVAILABLE | NA - Not Available | OEM - ORIGINAL EQUIPMENT MANUFACTURER | OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER

AIR BAG SUSPENSIONS
AIR BAG SUSPENSION DETAILED LIST

BRAND	SERIES	MODEL	NOTES	PAGE
NEWAY	AR	AR75-6	Underslung	154
		AR75-9	Underslung	
		AR90-14	Overslung	156
		AR-92-12	Overslung	
		AR-92-14	Overslung	
		AR-92-15	Overslung	
		AR-93-16	Overslung	
	ARU	ARU-92-8	Underslung	158
		ARU-93-8	Underslung	
	RL	RL228-14	Overslung	160
		RL228-15	Overslung	
		RL228-16	Overslung	
		RL250-12	Overslung	
		RL250-14	Overslung	
		RL250-15	Overslung	
		RL250-16	Overslung	
		RL250-17	Overslung	
		RLU228-8	Underslung	162
		RLU250-9	Underslung	
REYCO	25ARUU		Underslung	164
	30ARUU		Underslung	
	23ARTU		Overslung	166
	25ARTU		Overslung	
	30ARTU		Overslung	
RFS	2000	Mark I Heavy Duty	Underslung	168
		Mark II Heavy Duty	Underslung	
		Mono Lite	Underslung	
		Mark III HD300-OS	Overslung	176
		Mark III ML300-OS	Overslung	180
		Mark III HD300-US	Underslung	184
		Mono Lite ML300-US	Underslung	188
		Mark IV	Overslung	192
		Mark IV Mono Lite Single Leaf	Underslung	196
		Mark IV	Underslung	200
		Mark IV Mono Lite Double Leaf	Underslung	204
RIDEWELL	MONOPIVOT	Early Version	Both	208
		Late Version	Both	210

AIR BAG SUSPENSIONS
AIR BAG SUSPENSION DETAILED LIST

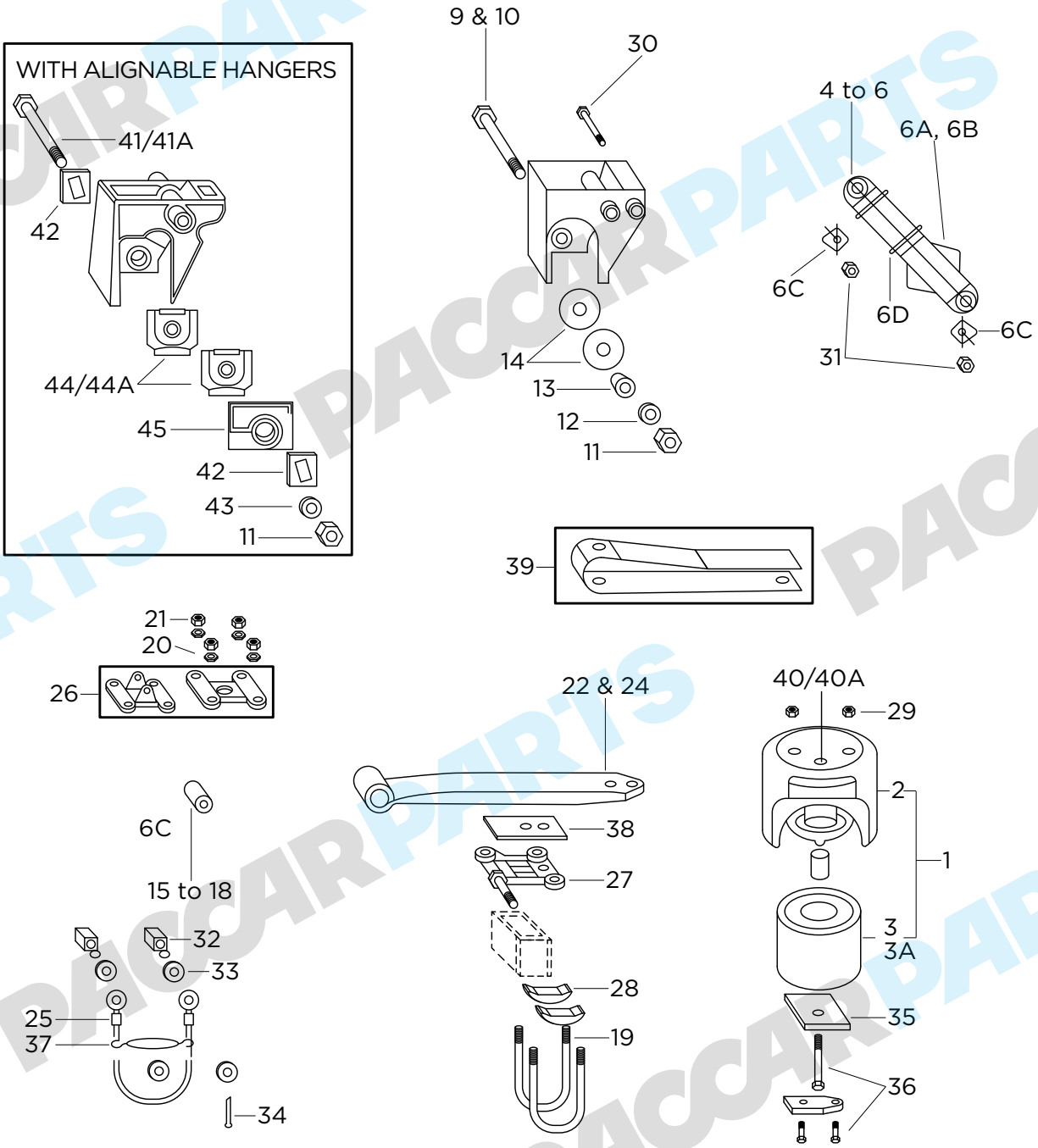
BRAND	SERIES	MODEL	NOTES	PAGE
SAF-HOLLAND	U20		Underslung	212
	2500E3		Underslung	
	MODUL		Underslung	
	M42		Overslung	214
	2907E3		Overslung	
	2907N2		Overslung	
	2907E3		Overslung	
	EO50		Overslung	216
	3510E3		Overslung	
	EO50		Overslung	
	3504N2		Overslung	
	MODULE M		Overslung	218
	MODULE M		Underslung	226
	INTRADISC		Both	234
	INTRADRUM		Both	
WEWELER	ULTRA LITE 230	9 TON MONO LEAF	Both	238
	ULTRA LITE 325	9 TON MONO LEAF	Both	
	ULTRA LITE 375	9 TON	Overslung	240
	ULTRA LITE 475	9 TON	Overslung	
	EURO 230	9 TON TWIN LEAF	Underslung	244
	EURO 315	9 TON TWIN LEAF	Underslung	
	ULTRA LITE 375	9 TON TWIN LEAF	Overslung	248
	ULTRA LITE 475	9 TON TWIN LEAF	Overslung	
YORK	TECAIR	TECAIR 1	Underslung	252
		TECAIR 2	Underslung	258
		FB	Both	262
		FB - VRH	Both	266
		DURATRAC	Overslung	272

AIR BAG SUSPENSIONS
BPW AL SERIES SUSPENSIONS

Underslung ALU D30K
215 mm - 245 mm Ride Height

Overslung ALO D30K
380 mm - 455 mm Ride Height

Overslung ALO D30
470 mm - 500 mm Ride Height



Notes

1. BPW does build to customer requirements and variations to the above may be experienced.
2. Spring beam wrapper not supplied with Spring Beams Part Number 0508213180 or 0508213190.
3. Piston conversion converts steel to composite piston which is now the BPW standard.
4. Options available – Part number / Casting number from part required or contact BPW Transpec or PACCAR Parts.
5. Options available – Bolt size required.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
BPW AL SERIES SUSPENSIONS

UNDERSLUNG ALU D30K / OVERSLUNG ALO D30K / OVERSLUNG ALO D30				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	0542943650	Air Spring Assembly	D30K Air Bag And Piston	See Section 19 For Air Bags
1A	0542943660	Air Spring Assembly	D30 Air Bag And Piston	
2	0542942560	Air Spring Bellows	D30K Air Bag Only	
2A	0542942570	Air Spring Bellows	D30 Air Bag Only	
3	0513939590	Air Spring Piston	D30K Piston Only	
3A	0513939580	Air Spring Piston	D30 Piston Only	
3B	0580109740	Composite Piston Conversion Kit	D30K See Note 3	
3C	0580109730	Composite Piston Conversion Kit	D30 See Note 3	
4	0237228302	Shock Absorber	OEM Part	See Section 20 For Shock Absorbers
5	NLA	Shock Absorber Bush	0228050100 NLA OEM Bush	
6	NLA	Sleeve	0203162100 NLA To Suit 0203162100	
6A	AS0025/4310	Shock Absorber Restraint Strap	Suits Shock Absorber 0237228302 431 mm	
6B	AS0025/4540	Shock Absorber Restraint Strap	Suits Shock Absorber 0237228302 454 mm	
6C	AS0001	Retainer - Restraint Strap	Suits Shock Absorber 0237228302	See Section 20 For Shock Absorbers
6D	AS0002	Rubber Ring Retainer	Suits Shock Absorber 0237228302	
7	91-2207	Shock Absorber	Optional KONI Shock Absorber	
8	SA014TRP	Shock Absorber	Optional TRP Shock Absorber	
9	0334015270	Pivot Bolt	Standard M30 x 190 mm	See Section 24 For Equalisers and Components
10	NLA	Pivot Bolt	0334015370 NLA Axle Lift M30 x 265 mm	
11	0326015010	Pivot Bolt Nut	M30 / SW46 (46 mm Across Flats)	
12	0332031270	Pivot Bolt Washer	OD 45.5 mm, ID 31 mm, 5 mm Thick	
13	0311302060TS	Pivot Bolt Boss	For M30 Eye Bolts On Non-Adjustable Suspension	
14	AS-0191	Wear Disc		
15	0203160600	Pivot Bush	OD 60 mm, ID 30 mm, Height 102 mm Rubber	See Section 24 For Equalisers and Components
16	T03-1112	Kit	Rubber Bush And Bolt Parts For 1 Side	
17	0203169000	Pivot Bush	Steel Case Heavy Duty	
18	0203169K1T	Bush Kit	M30 Spring Eye Bolts, Steel/Rubber/Steel Bushes, 100 mm Wide Springs, Non Alignable/Parallel Sided Hanger	
19	0313841174	U-Bolt	280 mm X M24 X 125 mm	See Section 22 For U-Bolts
20	0254012507	Washer	OD 44 mm, ID 25 mm, 4 mm Thick	
21	0252207412	Nut - U-Bolt	M24 Lock Nut	
22	0508213590	Spring Beam	Straight	See Section 21 For Springs And Components
24	'0334102180	Centre Bolt	M16 X 110 mm Grade 8.8	

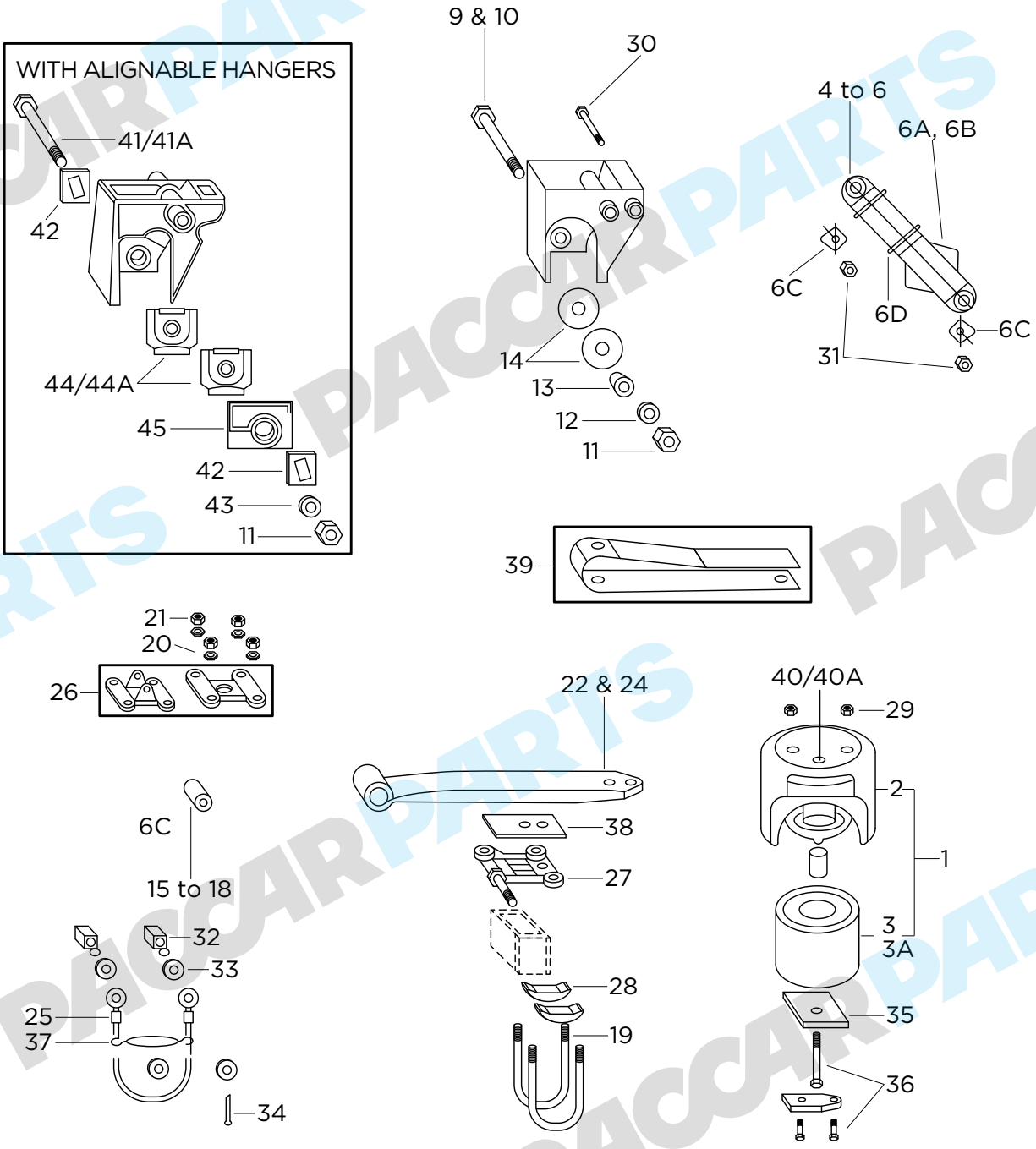
NLA - NO LONGER AVAILABLE | NA - Not Available | OEM - ORIGINAL EQUIPMENT MANUFACTURER | OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER

AIR BAG SUSPENSIONS
BPW AL SERIES SUSPENSIONS

Underslung ALU D30K
215 mm - 245 mm Ride Height

Overslung ALO D30K
380 mm - 455 mm Ride Height

Overslung ALO D30
470 mm - 500 mm Ride Height



Notes

1. BPW does build to customer requirements and variations to the above may be experienced.
2. Spring beam wrapper not supplied with Spring Beams Part Number 0508213180 or 0508213190.
3. Piston conversion converts steel to composite piston which is now the BPW standard.
4. Options available – Part number / Casting number from part required or contact BPW Transpec or PACCAR Parts.
5. Options available – Bolt size required.
6. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
BPW AL SERIES SUSPENSIONS

UNDERSLUNG ALU D30K / OVERSLUNG ALO D30K / OVERSLUNG ALO D30			
ITEM NO.	**PART NO.**	**DESCRIPTION**	**COMMENTS**
25	0532714050	Restraint Cable	Length Eye to Eye 1010 mm
	0532714060		1060 mm
	0532714030		1120 mm
	0532714020		1160 mm
	0532714010		1220 mm
	0532714090		1270 mm
	0532714080		1330 mm
	0532714190		1350 mm
	0532714140		1390 mm
	0532714100		1415 mm
	0532714070		1455 mm
	0532714110		1500 mm
	0532714120		1550 mm
	0532714180		1570 mm
	0532714200		1685 mm
	0532714210		1775 mm
26	See Note 4	Spring Top Plate	
27	See Note 4	Spring Bottom Plate	
28	See Note 4	Segment	
29	0252733380	Nut	Air Bag Top - M12
30	See note 5	Bolts - Shock Absorber	M24 - Bolt Lengths Vary With Application
31	0252207412	Nut	M24 Lock Nut
32	See Note 5	Pin - Restraint Cable	
33	0254013101	Washer	OD 56 mm, ID 31 mm, 4 mm Thick
34	0262016101	Split Pin	OD 6.3 mm, Length 43 mm, DIN 94
35	See Note 4	Plate - Airbag	
36	See note 5	Bolt - Airbag	
37	0539726030	Spring - Return	OD 26 mm X 2 mm Thick X 148 mm Nominal Length Do Not Use With Part Number 0532714030, 1120 mm Restraint Strap
38	See Note 4	Plate - Tracking	
39	0534830050	Wrapper - Spring	See Note 2
40	0243131100	Elbow	M22 X 8 mm
40A	0243122500	Elbow	M22 X 12 mm
41	NLA	Bolt	0334105040 NLA M30 x 200 mm Suits ALO & SLO Suspensions
41A	0334105050	Bolt	M30 x 170 mm Suits Early AL2 Suspensions
42	0328154180	Plate-Slotted	Suits AL/SL/AL2 Suspensions
43	0332034530	Washer	31 mm ID X 76 mm OD X 6 mm Thick
44	0316435010	Wear Plate	Suits ALO & SLO Suspensions
44A	0316435020	Wear Plate	Suits Early AL2 Suspensions
45	0311323010	Boss - Hanger	Suits Alignable Suspension Hangers

NLA - NO LONGER AVAILABLE | NA - Not Available | OEM - ORIGINAL EQUIPMENT MANUFACTURER | OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER

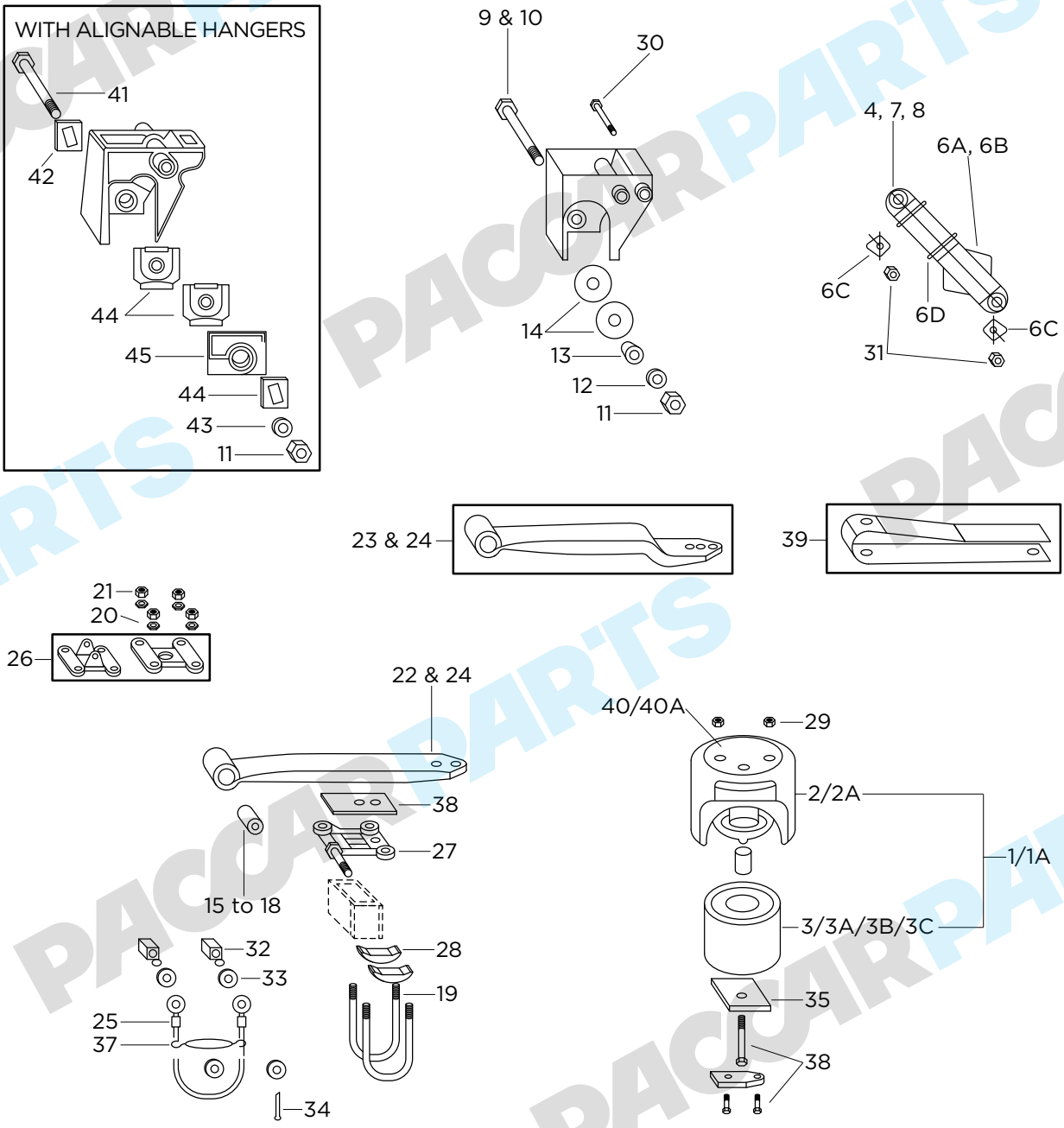
AIR BAG SUSPENSIONS
BPW SL SERIES SUSPENSIONS

Underslung SLU D30K
235 mm - 260 mm Ride Height

Overslung SLM D30
370 mm - 400 mm Ride Height

Overslung SLO D30K
450 mm - 470 mm Ride Height

Overslung SLO D30K
500 mm - 510 mm Ride Height



Notes

1. BPW does build to customer requirements and variations to the above may be experienced.
2. Spring beam wrapper not supplied with Spring Beams Part Number 0508213180 or 0508213190.
3. Piston conversion converts steel to composite piston which is now the BPW standard.
4. Options available – Part number / Casting number from part required or contact BPW Transpec or PACCAR Parts.
5. Options available – Bolt size required.

For further information contact your nearest authorised PACCAR Parts dealer.

TRANSPEC

AIR BAG SUSPENSIONS
BPW SL SERIES SUSPENSIONS

UNDERSLUNG SLU D30K / OVERSLUNG SLM D30 / OVERSLUNG SLO D30K SUSPENSION				
ITEM NO.	**PART NO.**	**DESCRIPTION**	**COMMENTS**	
1	0542943650	Air Spring Assembly	D30K Air Bag And Piston	See Section 19 For Air Bags
1A	0542943660	Air Spring Assembly	D30 Air Bag And Piston	
2	0542943660	Air Spring Bellows	D30K Air Bag Only	
2A	0542942560	Air Spring Bellows	D30 Air Bag Only	
3	0542942570	Air Spring Piston	D30K Piston Only	
3A	0513939580	Air Spring Piston	D30 Piston Only	
3B	0580109740	Composite Piston Conversion Kit	D30k See Note 3	
3C	0580109730	Composite Piston Conversion Kit	D30 See Note 3	
4	0237228302	Shock Absorber	OEM Part See Items 7 & 8 For Alternatives	See Section 20 For Shock Absorbers
5	NLA	Shock Absorber Bush	0228050100 NLA OEM Bush	
6	NLA	Sleeve	0203162100 NLA To Suit 0203162100	
6A	AS0025/4310	Shock Absorber Restraint Strap	Suits Shock Absorber 0237228302 431 mm	
6B	AS0025/4540	Shock Absorber Restraint Strap	Suits Shock Absorber 0237228302 454 mm	
6C	AS0001	Retainer - Restraint Strap	Suits Shock Absorber 0237228302	
6D	AS0002	Rubber Ring Retainer	Suits Shock Absorber 0237228302	
7	91-2207	Shock Absorber	Optional KONI Shock Absorber	See Section 20 For Shock Absorbers
8	SA014TRP	Shock Absorber	Optional TRP Shock Absorber	
9	0334015270	Pivot Bolt	Standard M30 x 190 mm	See Section 24 For Equalisers and Components
10	NLA	Pivot Bolt	0334015370 NLA Axle Lift M30 x 265 mm	
11	0326015010	Pivot Bolt Nut	M30 / SW46 (46 mm Across Flats)	
12	0332031270	Pivot Bolt Washer	OD 45.5 mm, ID 31 mm, 5 mm Thick	
13	0311302060TS	Pivot Bolt Boss	For M30 Eye Bolts On Non-Alignable Hangers	
14	AS-0191	Wear Disc		
15	0203160600	Pivot Bush - Rubber	OD 60 mm, ID 30 mm, Height 102 mm Rubber	See Section 24 For Equalisers and Components
16	T03-1112	Kit	Rubber Bush And Bolt Parts For 1 Side	
17	0203169000	Pivot Bush	Steel Case Heavy Duty	
18	0203169K1T	Kit - Bush Heavy Duty and Bolt	M30 Spring Eye Bolts, Steel/Rubber/Steel Bushes, 100 mm Wide Springs, Non Alignable/Parallel Sided Hanger	
19	0313841174	U-Bolt	280 mm X M24 X 125 mm	See Section 22 For U-Bolts
20	0254012507	Washer	OD 44 mm, ID 25 mm, 4 mm Thick	
21	0252207412	Nut - U-Bolt	M24 Lock Nut	
22	0508213590	Spring Beam - Straight	Spring Pack - 500 310/310 1 X 51 AL SRS	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
23	0508213190	Spring Beam - Cranked	Spring Pack - 500 380/380 1 X 51 SLM SR	
24	0334102180	Centre Bolt	43 mm	

NLA - NO LONGER AVAILABLE | OEM - ORIGINAL EQUIPMENT MANUFACTURER | OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER

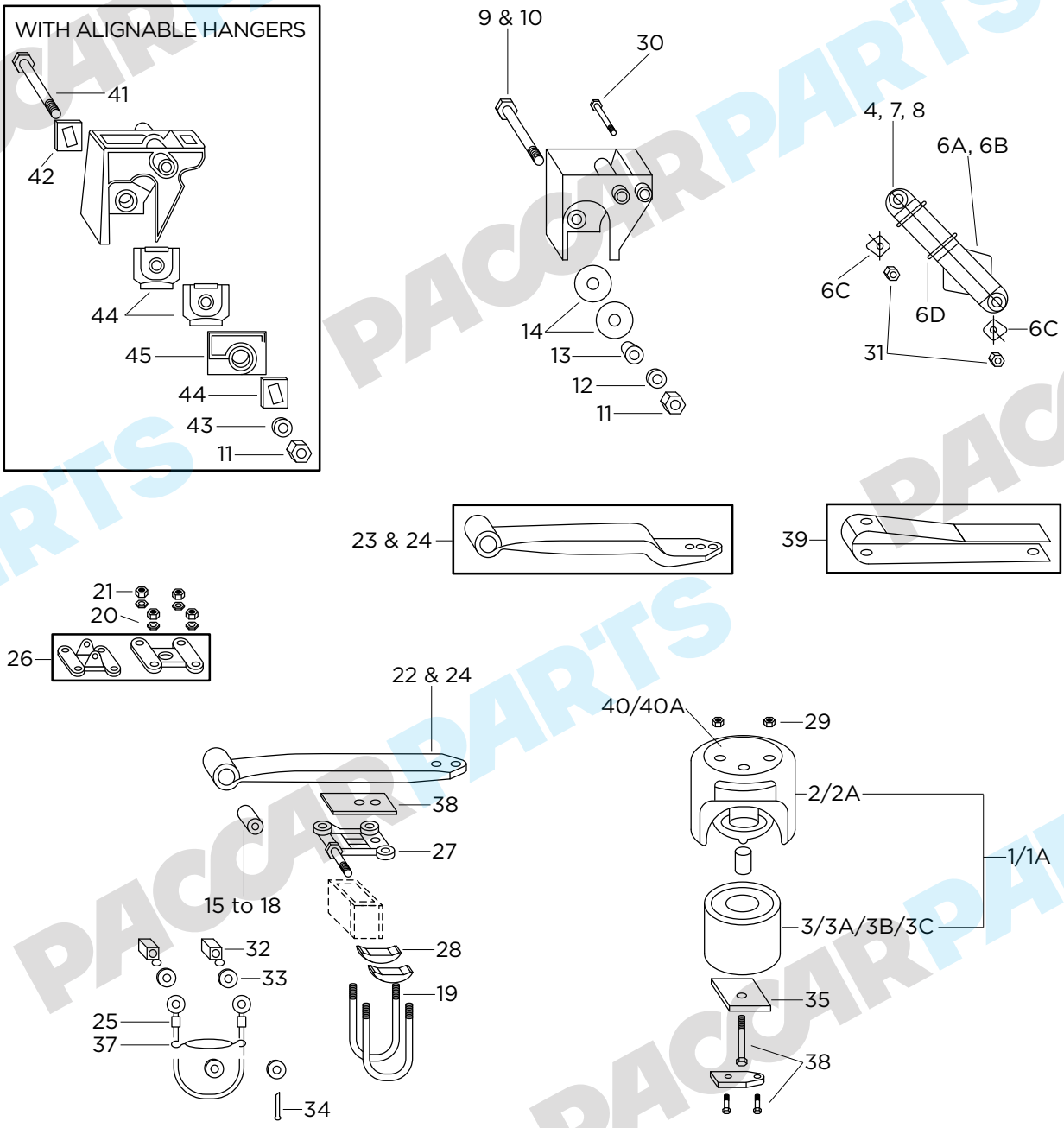
AIR BAG SUSPENSIONS
BPW SL SERIES SUSPENSIONS

Underslung SLU D30K
235 mm - 260 mm Ride Height

Overslung SLM D30
370 mm - 400 mm Ride Height

Overslung SLO D30K
450 mm - 470 mm Ride Height

Overslung SLO D30K
500 mm - 510 mm Ride Height



Notes

1. BPW does build to customer requirements and variations to the above may be experienced.
2. Spring beam wrapper not supplied with Spring Beams Part Number 0508213180 or 0508213190.
3. Piston conversion converts steel to composite piston which is now the BPW standard.
4. Options available – Part number / Casting number from part required or contact BPW Transpec or PACCAR Parts.
5. Options available – Bolt size required.

For further information contact your nearest authorised PACCAR Parts dealer.

TRANSPEC

AIR BAG SUSPENSIONS
BPW SL SERIES SUSPENSIONS

UNDERSLUNG SLU D30K / OVERSLUNG SLM D30 / OVERSLUNG SLO D30K SUSPENSION			
ITEM NO.	**PART NO.**	**DESCRIPTION**	**COMMENTS**
25	0532714050	Restraint Cable	Length Eye to Eye 1010 mm
	0532714060		1060 mm
	0532714030		1120 mm
	0532714020		1160 mm
	0532714010		1220 mm
	0532714090		1270 mm
	0532714080		1330 mm
	0532714190		1350 mm
	0532714140		1390 mm
	0532714100		1415 mm
	0532714070		1455 mm
	0532714110		1500 mm
	0532714120		1550 mm
	0532714180		1570 mm
	0532714200		1685 mm
	0532714210		1775 mm
26	See Note 4	Spring Top Plate	
27	See Note 4	Spring Bottom Plate	
28	See Note 4	Segment	
29	0252733380	Nut	Air Bag Top - M12
30	See note 5	Bolts - Shock Absorber	
31	0252207412	Nut	M24 Lock Nut
32	See Note 5	Bolt - Restraint Cable	
33	0254013101	Washer	M31 X 4 mm
34	0262016101	Split Pin	OD 6.3 mm, Length 43 mm, DIN 94
35	See Note 4	Plate - Airbag	
36	See note 5	Bolt - Airbag	
37	0539726030	Spring - Return	Not For 1120 mm Strap Can use T02-7379
38	See Note 4	Plate - Tracking	
39	0534830050	Wrapper - Spring	See Note 2
40	0243120400	Elbow	M12 x 8 mm
40A	0243122500	Elbow	M22 x 8 mm
41	NLA	Bolt	0334105040 NLA M30 x 200 mm Suits ALO & SLO Suspensions
42	0328154180	Plate-Slotted	Suits AL/SL/AL2 Suspensions
43	0332034530	Washer	31 mm ID X 76 mm OD X 6 mm Thick
44	0316435010	Wear Plate	Suits ALO & SLO Suspensions
45	0311323010	Boss - Hanger	Suits Alignable Suspension Hangers

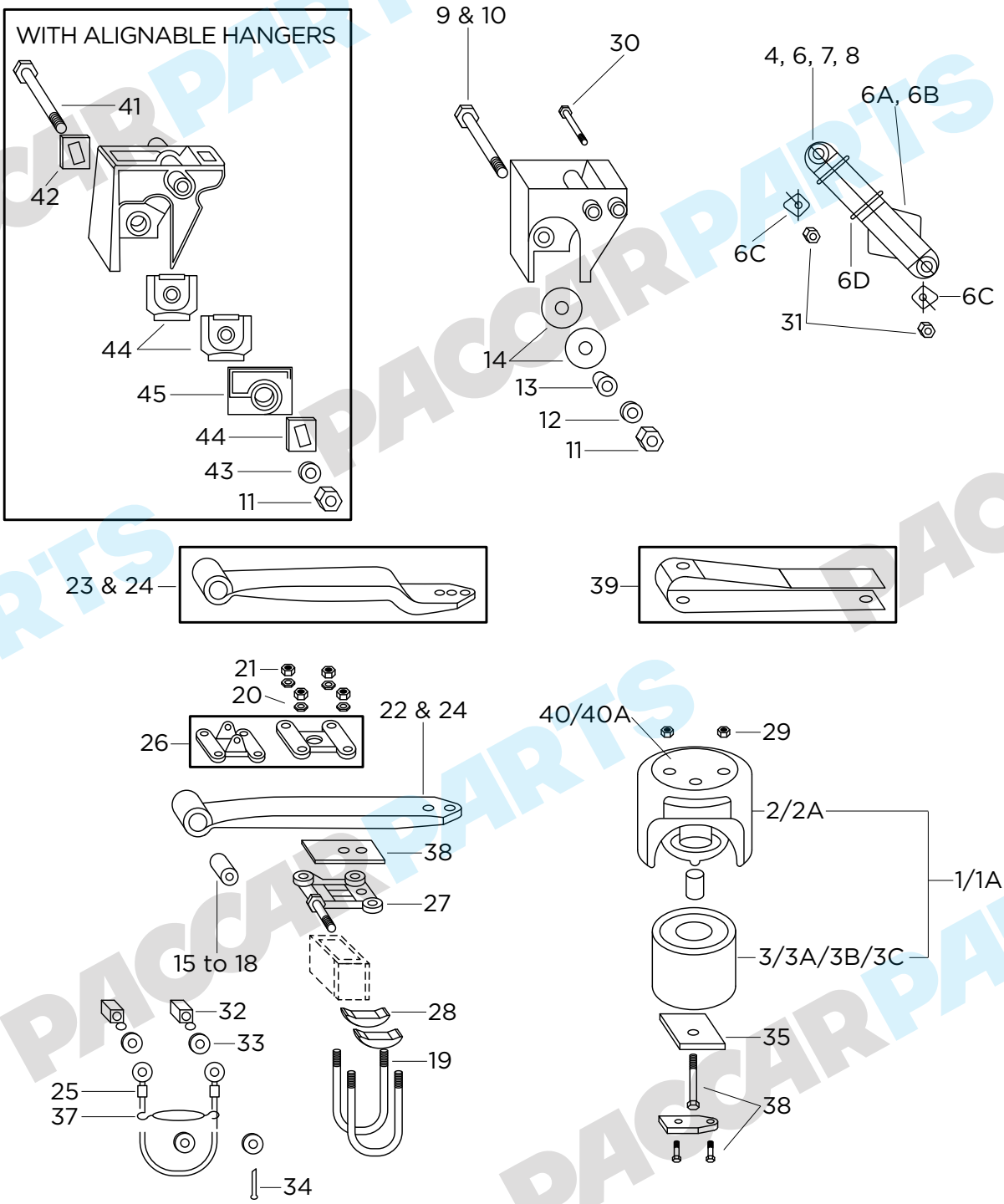
NLA - NO LONGER AVAILABLE | OEM - ORIGINAL EQUIPMENT MANUFACTURER | OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER

AIR BAG SUSPENSIONS
BPW SL SERIES SUSPENSIONS

Underslung SLU D36
260 mm Ride Height

Overslung SLM D36
370 - 400 mm Ride Height

Overslung SLO D36
500 - 510 mm Ride Height



Notes

1. BPW does build to customer requirements and variations to the above may be experienced.
2. Spring beam wrapper not supplied with Spring Beams Part Number 0508213180 or 0508213190.
3. Piston conversion converts steel to composite piston which is now the BPW standard.
4. Options available – Part number / Casting number from part required or contact BPW Transpec or PACCAR Parts.
5. Options available – Bolt size required.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
BPW SL SERIES SUSPENSIONS

UNDERSLUNG SLU D36 / OVERSLUNG SLM D36 / OVERSLUNG SLO D36 SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	0542943690	Air Spring Assembly	D36 Air Bag And Piston	See Section 19 For Air Bags
2	0542942580	Air Spring Bellows	D36 Air Bag Only	
3	0513939520	Air Spring Piston	D36 Piston Only	
3A	0580121320	Air Spring Piston Conversion	D36 See Note 3	
4	0237228302	Shock Absorber	OEM Part	See Section 20 For Shock Absorbers
5	NLA	Shock Absorber Bush	OEM Bush	
6	NLA	Sleeve	T03-4018 NLA	
6A	AS0025/4310	Shock Absorber Restraint Strap	Suits Shock Absorber 0237228302 431 mm	
6B	AS0025/4540	Shock Absorber Restraint Strap	Suits Shock Absorber 0237228302 454 mm	
6C	AS0001	Retainer - Restraint Strap	Suits Shock Absorber 0237228302	
6D	AS0002	Rubber Ring Retainer	Suits Shock Absorber 0237228302	
7	91-2207	Shock Absorber	Optional KONI Shock Absorber	
8	SA014TRP	Shock Absorber	Optional TRP Shock Absorber	
9	0334015270	Pivot Bolt	Standard M30 x 190 mm	See Section 24 For Equalisers and Components
10	NLA	Pivot Bolt - Axle Lift M30 x 265	T03-1243L NLA	
11	0326015010	Pivot Bolt Nut	M30 / SW46 (46 mm Across Flats)	
12	0332031270	Pivot Bolt Washer	OD 45.5 mm, ID 31 mm, 5 mm Thick	
14	AS-0191	Wear Disc		
15	0203160600	Pivot Bush - Rubber	OD 60 mm, ID 30 mm, Height 102 mm	
16	T03-1112	Kit	Rubber Bush And Bolt Parts For 1 Side	
17	0203169000	Pivot Bush	Steel Case Heavy Duty	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
18	0203169K1T	Kit - Bush Heavy Duty and Bolt	M30 Spring Eye Bolts, Steel/Rubber/Steel Bushes, 100 mm Wide Springs, Non Alignable/Parallel Sided Hanger	
19	0313844084	U-Bolt	280 mm X 24 mm X 125 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
20	0254012507	Washer	OD 44 mm, ID 25 mm, 4 mm Thick	
21	0252207412	Nut - U-Bolt	M24 Lock Nut	
22	0508213180	Spring Beam - Straight	Spring Pack - 500 355/380 1X51 SL SRS	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
23	0508213190	Spring Beam - Cranked	Spring Pack - 500 380/380 1 X 51 SLM SR	
24	0334102180	Centre Bolt	43 mm	

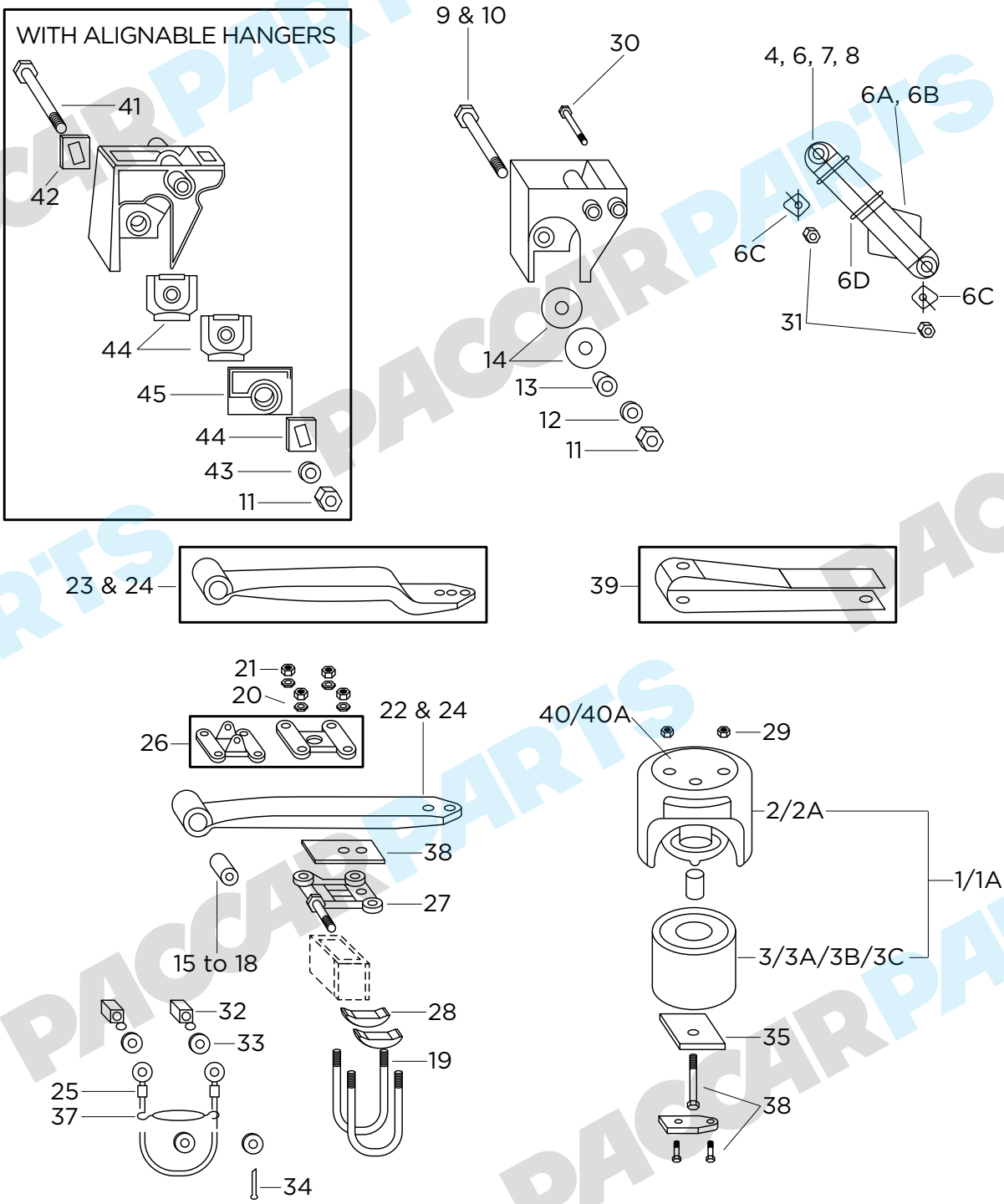
NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
BPW SL SERIES SUSPENSIONS

Underslung SLU D36
260 mm Ride Height

Overslung SLM D36
370 - 400 mm Ride Height

Overslung SLO D36
500 - 510 mm Ride Height



Notes

1. BPW does build to customer requirements and variations to the above may be experienced.
2. Spring beam wrapper not supplied with Spring Beams Part Number 0508213180 or 0508213190.
3. Piston conversion converts steel to composite piston which is now the BPW standard.
4. Options available – Part number / Casting number from part required or contact BPW Transpec or PACCAR Parts.
5. Options available – Bolt size required.

For further information contact your nearest authorised PACCAR Parts dealer.

TRANSPEC

AIR BAG SUSPENSIONS
BPW SL SERIES SUSPENSIONS

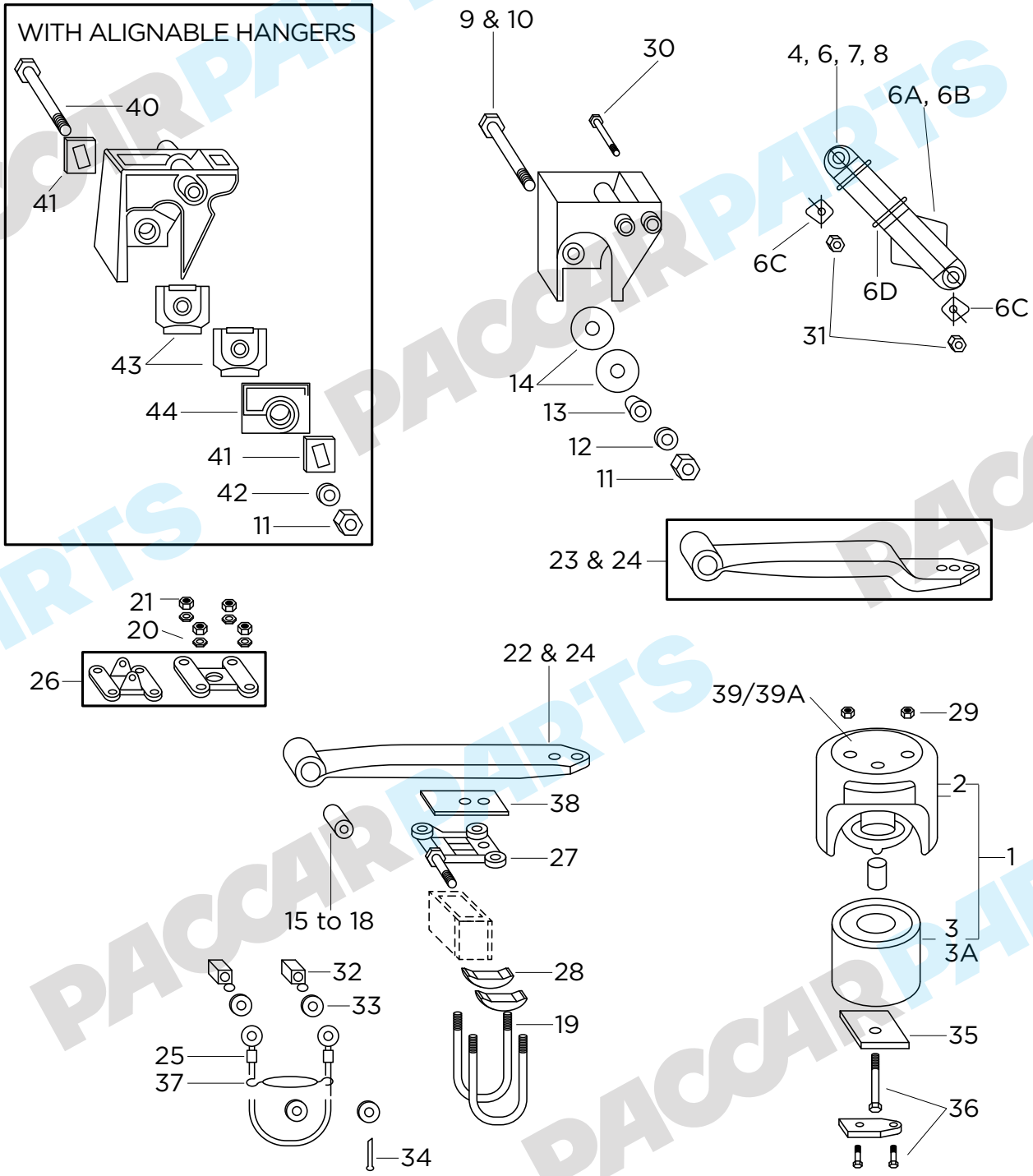
UNDERSLUNG SLU D36 / OVERSLUNG SLM D36 / OVERSLUNG SLO D36 SUSPENSION			
ITEM NO.	**PART NO.**	**DESCRIPTION**	**COMMENTS**
25	0532714050	Restraint Cable	Length Eye to Eye 1010 mm
	0532714060		1060 mm
	0532714030		1120 mm
	0532714020		1160 mm
	0532714010		1220 mm
	0532714090		1270 mm
	0532714080		1330 mm
	0532714190		1350 mm
	0532714140		1390 mm
	0532714100		1415 mm
	0532714070		1455 mm
	0532714110		1500 mm
	0532714120		1550 mm
	0532714180		1570 mm
	0532714200		1685 mm
	0532714210		1775 mm
26	See Note 4	Spring Top Plate	
27	See Note 4	Spring Bottom Plate	
28	See Note 4	Segment	
29	0252733380	Nut	Air Bag Top - M12
30	See note 5	Bolts - Shock Absorber	
31	0252207412	Nut	M24 Lock Nut
32	See Note 5	Bolt	Restraint Cable
33	0254013101	Washer	M31 X 4 mm
34	0262016101	Split Pin	OD 6.3 mm, Length 43 mm, DIN 94
35	See Note 4	Plate - Airbag	
36	See note 5	Bolt- Airbag	
37	0539726030	Spring - Return	Not For 1120 mm Strap Can use T02-7379
38	See Note 4	Plate - Tracking	
39	0534830050	Wrapper - Spring	See Note 2
40	0243131100	Elbow	M22 X 8 mm
40A	0243122500	Elbow	M22 X 12 mm
41	NLA	Bolt-M30 x 200 AL /SL /O	0334105040 NLA Suits AL/SL/O Suspensions
42	0328154180	Plate-Slotted	Suits AL/SL/AL2 Suspensions
43	0332034530	Washer	31 mm ID X 76 mm OD X 6 mm Thick
44	0316435010	Wear Plate	Suits ALO & SLO Suspensions
45	0311323010	Boss - Hanger	Suits Alignable Suspension Hangers

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
BPW HD SERIES SUSPENSIONS

Underslung OT D36
215 - 245 mm Ride Height

Overslung OM D36
370 - 465 mm Ride Height



Notes

1. For all axle spreads, the centre hangers are the same.
2. Configurations also available in single axle and tandem 4′ ½″, 4′ 6½″, and 5′ ½″ axle spacing.
3. Various spring leaf combinations are available - 3, 8, 9 and 10 leaf.
4. Standard ride height would be 200 mm.
5. Options available - Bolt size required.

For further information contact your nearest authorised PACCAR Parts dealer.

TRANSPEC

AIR BAG SUSPENSIONS
BPW HD SERIES SUSPENSIONS

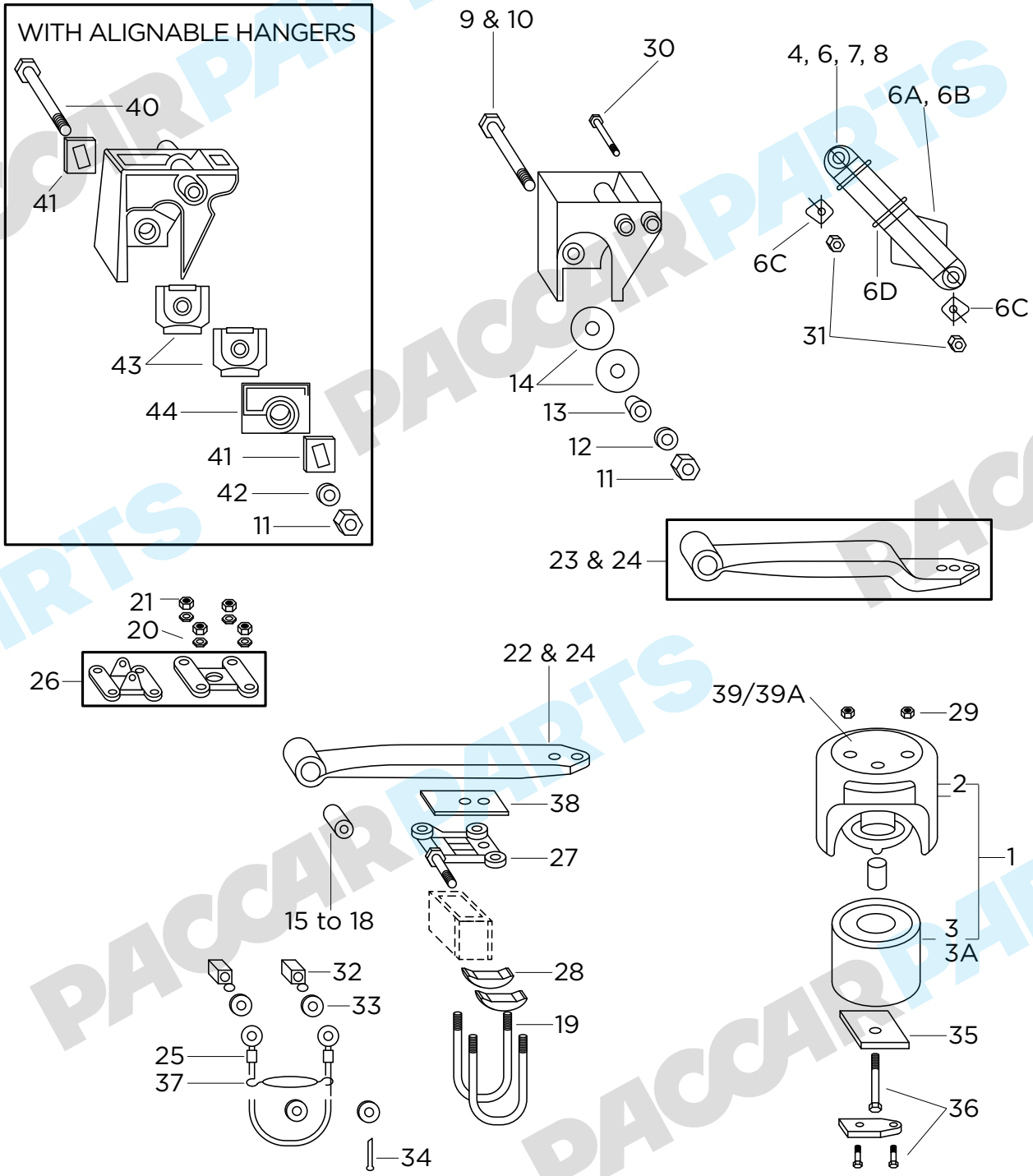
UNDERSLUNG OT D36 / OVERSLUNG OM D36				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	0542943690	Air Spring Assembly	D36 Air Bag And Piston	See Section 25 For Air Bag Information & Images
2	0542942580	Air Spring Bellows	D36 Air Bag Only	
3	0513939520	Air Spring Piston	D36 Piston Only	
3A	0580121320	Air Spring Piston Conversion	D36 See Note 3	
4	0237021802	Shock Absorber		
5	NLA	Shock Absorber Bush	T03-4017 NLA OEM Part	
6	NLA	Sleeve	T03-4018 NLA Suits 0228050100	
7	90-2024SP1	Shock Absorber	Optional KONI Shock Absorber	See Section 20 For Shock Absorbers
8	SA013TRP	Shock Absorber	Optional TRP Shock Absorber	
9	0334015270	Pivot Bolt	Standard M30 x 190 mm	
10	NLA	Pivot Bolt	0334015370 NLA Axle Lift M30 x 265 mm	
11	0326015010	Pivot Bolt Nut	M30 / SW46 (46 mm Across Flats)	
12	0332031270	Pivot Bolt Washer	OD 45.5 mm, ID 31 mm, 5 mm Thick	
13	0311302060TS	Pivot Bolt Boss	For M30 Eye Bolts On Non-Alignable Hangers	
14	AS-0191	Wear Disc		
15	0203160600	Pivot Bush	OD 60 mm, ID 30 mm, Height 102 mm Rubber	
16	T03-1112	Kit	Rubber Bush And Bolt Parts For 1 Side	
17	0203169000	Pivot Bush	Steel Case Heavy Duty	
18	0203169K1T	Kit - Bush Heavy Duty and Bolt	M30 Spring Eye Bolts, Steel/Rubber/Steel Bushes, 100 mm Wide Springs, Non Alignable/Parallel Sided Hanger	
19	0313844084	U-Bolt	280 mm X 24 mm X 125 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
20	0254012507	Washer	OD 44 mm, ID 25 mm, 4 mm Thick	
21	0252207412	Nut - U-Bolt	M24 Lock Nut	
22	0508212830	Spring Beam - Straight	Spring Pack - 550 380/405 2 X 43 OT SRS	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
23	0508213240	Spring Beam - Cranked	Spring Pack - 550 380/405 2 X 43 OM SRS	
24	0334102180	Centre Bolt	43 mm	

NLA - NO LONGER AVAILABLE | OEM - ORIGINAL EQUIPMENT MANUFACTURER | OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER

AIR BAG SUSPENSIONS
BPW HD SERIES SUSPENSIONS

Underslung OT D36
215 - 245 mm Ride Height

Overslung OM D36
370 - 465 mm Ride Height



Notes

1. For all axle spreads, the centre hangers are the same.
2. Configurations also available in single axle and tandem 4′ ½″, 4′ 6½″, and 5′ ½″ axle spacing.
3. Various spring leaf combinations are available - 3, 8, 9 and 10 leaf.
4. Standard ride height would be 200 mm.
5. Options available - Bolt size required.

For further information contact your nearest authorised PACCAR Parts dealer.

TRANSPEC

AIR BAG SUSPENSIONS
BPW HD SERIES SUSPENSIONS

UNDERSLUNG OT D36 / OVERSLUNG OM D36			
ITEM NO.	**PART NO.**	**DESCRIPTION**	**COMMENTS**
25	0532714050	Restraint Cable	Length Eye to Eye 1010 mm
	0532714060		1060 mm
	0532714030		1120 mm
	0532714020		1160 mm
	0532714010		1220 mm
	0532714090		1270 mm
	0532714080		1330 mm
	0532714190		1350 mm
	0532714140		1390 mm
	0532714100		1415 mm
	0532714070		1455 mm
	0532714110		1500 mm
	0532714120		1550 mm
	0532714180		1570 mm
	0532714200		1685 mm
	0532714210		1775 mm
26	See Note 4	Spring Top Plate	
27	See Note 4	Spring Bottom Plate	
28	See Note 4	Segment	
29	0252733380	Nut	Air Bag Top - M12
30	See note 5	Bolts - Shock Absorber	
31	0252207412	Nut	M24 Lock Nut
32	See Note 5	Bolt – Restraint Cable	
33	0254013101	Washer	M31 X 4 mm
34	0262016101	Split Pin	OD 6.3 mm, Length 43 mm, DIN 94
35	See Note 4	Plate - Airbag	
36	See note 5	Bolt- Airbag	
37	0539726030	Spring - Return	Not For 1120 mm Strap Can use T02-7379
38	See Note 4	Plate - Tracking	
39	0243131100	Elbow	M22 X 8 mm
39A	0243122500	Elbow	M22 X 12 mm
40	NLA	Bolt	0334105040 NLA M30 x 200 mm Suits ALO & SLO Suspensions
41	0328154180	Plate-Slotted	Suits AL/SL/AL2 Suspensions
42	0332034530	Washer	31 mm ID X 76 mm OD X 6 mm Thick
43	0316435010	Wear Plate	Suits ALO & SLO Suspensions
44	0311323010	Boss - Hanger	Suits Alignable Suspension Hangers

NLA - NO LONGER AVAILABLE | OEM - ORIGINAL EQUIPMENT MANUFACTURER | OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER

AIR BAG SUSPENSIONS
BPW AL2 SERIES SUSPENSIONS

FIG A

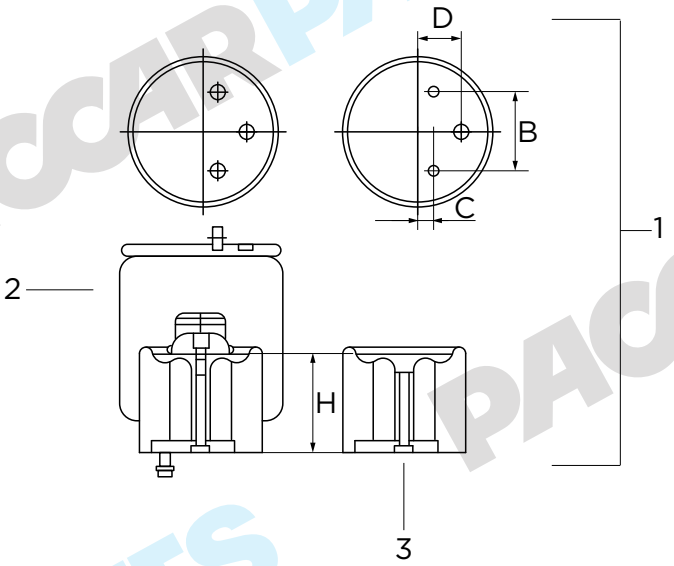


FIG B

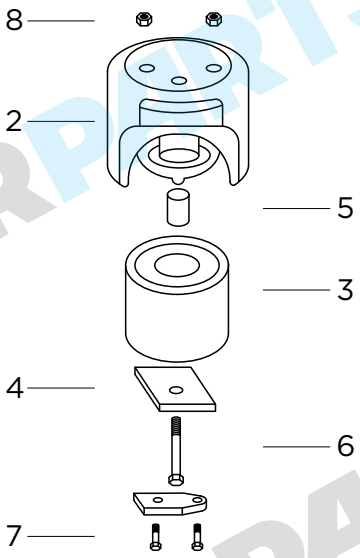


FIG C

Base plates D30/D30K

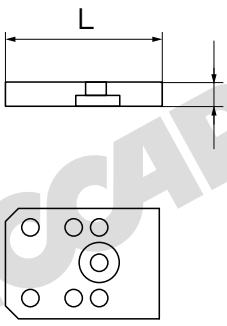
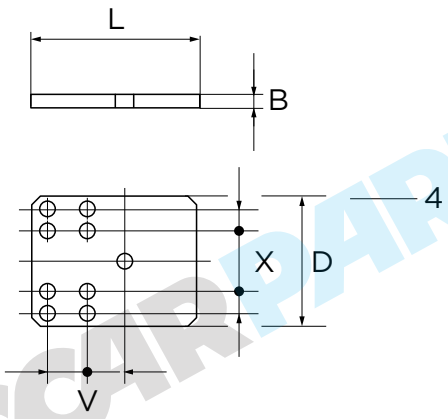


FIG D

Base plates D36



Notes

1. To suit AL2 Suspensions with M24 spring eye bolts ONLY.
2. For part numbers for AL2 Suspensions using hangers with M30 spring eye bolts, contact PACCAR Parts.

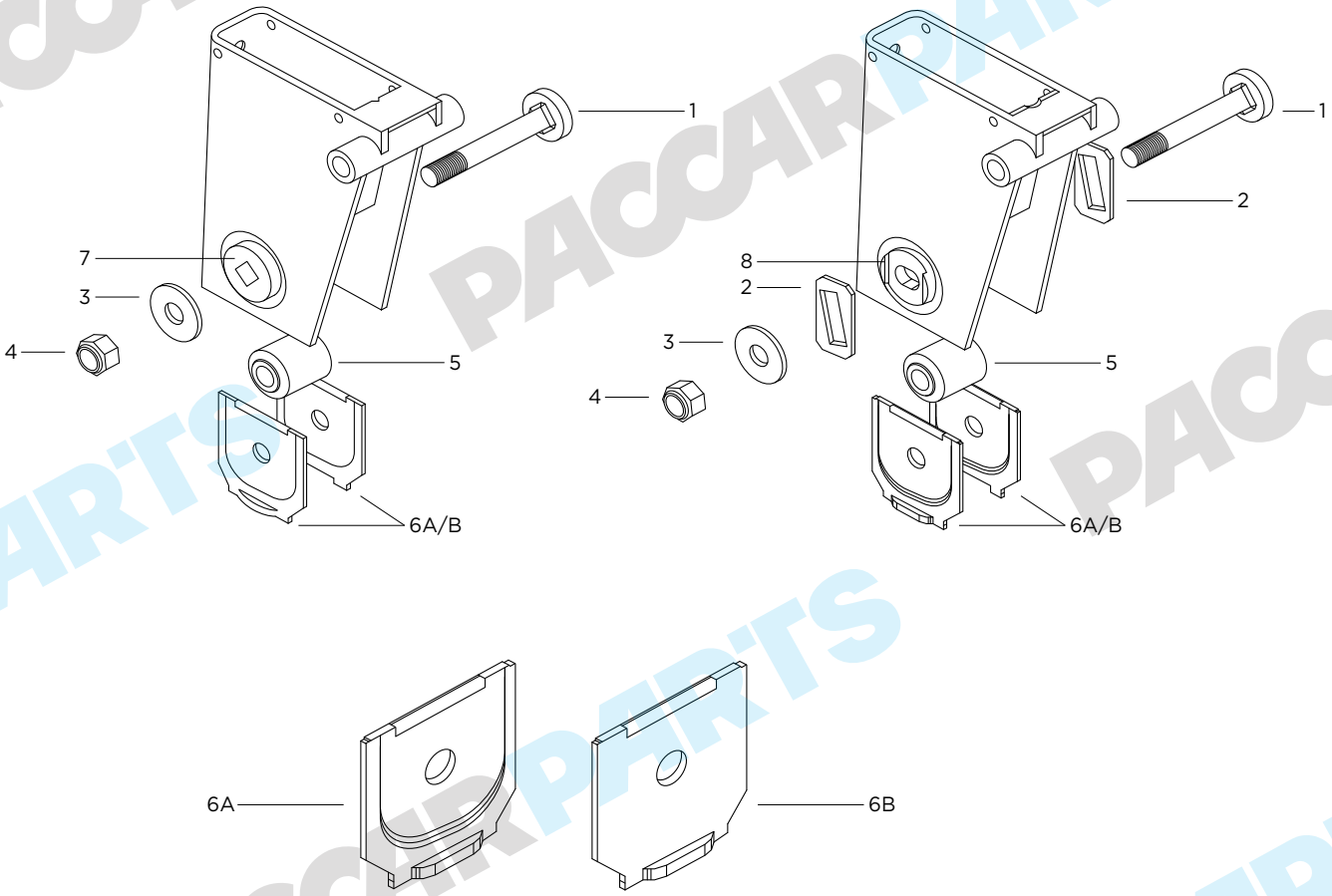
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
BPW AL2 SERIES SUSPENSIONS

UNDERSLUNG / OVERSLUNG AL2 AIR BAGS & AIR BAG PARTS

ITEM NO.	FIG	PART NO.	DESC	COMMENTS	ALL DIMENSIONS IN MM						
					V	X	H	B	C	D	
1	A	0542943660	Air Bag Assembly	D30 Air Bag And Piston	0/20/60	70	180	150	25	70	See Section 19 For Air Bags
		0542943650		D30K Air Bag And Piston							
		0542943690		D36 Air Bag And Piston	45/80	70/120	180	150	25	95	
2	A, B	0542942570	Air Bag Bellows	D30 Air Bag Only	BPW 941MB Design						
		0542942560		D30K Air Bag Only	BPW 940MB Design						
		0542942580		D36 Air Bag Only	BPW 881MB Design						
3		0513939580	Air Bag Piston	D30 Piston Only							
		0513939510		D30K Piston Only							
		0513939520		D36 Piston Only							
					V	X	B	D	L		
4	C	0328095020	Base Plate	D30 / D30K	0/20/60	70	20	110	135		
	D	0328095030		D36	45/80	70/120	20	150	170		
5	B	0317903080	Threaded Sleeve	M16 X 51 mm							
6		0334012230	Centre Bolt	D30 Piston							
		0334012240		D30K Piston							
7		0250709500	Bolt Airbag	M16 X 65 mm							
		0250709600		M16 X 75 mm							
8		0252733380	Nut	Air Bag Top - M12							

AIR BAG SUSPENSIONS
BPW AL2 SERIES SUSPENSIONS



Notes

1. For part numbers for Hangers with M30 Spring Eye Bolts contact PACCAR Parts.
2. Some part numbers may not be on file due to the unavailability of prices at time of printing.
3. For Early AL1 / 2 with 30mm diameter bolts see BPW AL Series Suspensions (ALU-DD30K ALO-D30K ALO-D30)

For further information contact your nearest authorised PACCAR Parts dealer.

TRANSPEC

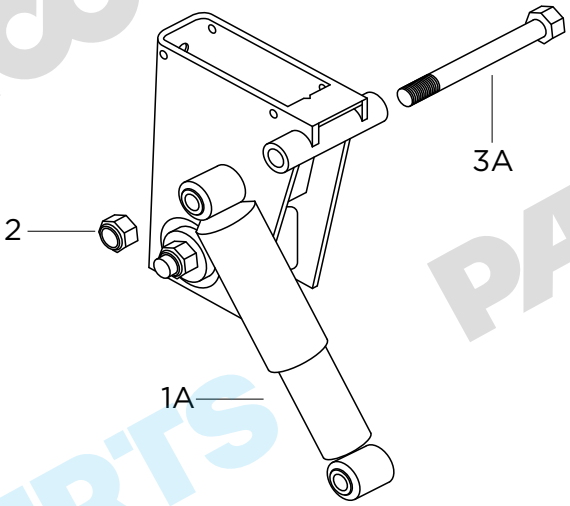
AIR BAG SUSPENSIONS
BPW AL2 SERIES SUSPENSIONS

UNDERSLUNG / OVERSLUNG AL2 SPRING EYE BOLT ASSEMBLY			
ITEM NO.	**PART NO.**	**DESCRIPTION**	**COMMENTS**
1	0334014200	Spring Eye Bolt	M24 X 166 mm
2	0328144250	Alignment Plate	Alignable Suspension Only
3	0332033280	Spring Eye Washer	0332034550 Superseded By 0332033280 M24
4	0326014130	Spring Eye Nut	M24
5	0203142400	Bush	Steel/Rubber/Steel Bush
---	0203142K1T-P	Spring Eye Bolt Kit	Parallel Hanger Non Alignable Suspension 1 Kit Per Axle
---	0203142K1T-T		Tapered Hanger Non Alignable Suspension 1 Kit Per Axle
---	0203142K1T 1ALP		Parallel Hanger Alignable Suspension 1 Kit Per Axle
---	0203142K1T-1ALT		Tapered Hanger Alignable Suspension 1 Kit Per Axle
6a	0316435030	Wear Plate	Tapered Hanger
6b	0316435040		Parallel Hanger
7	0311300560	Hanger Boss	Non Alignable Suspension
8	0311303100		Alignable Suspension

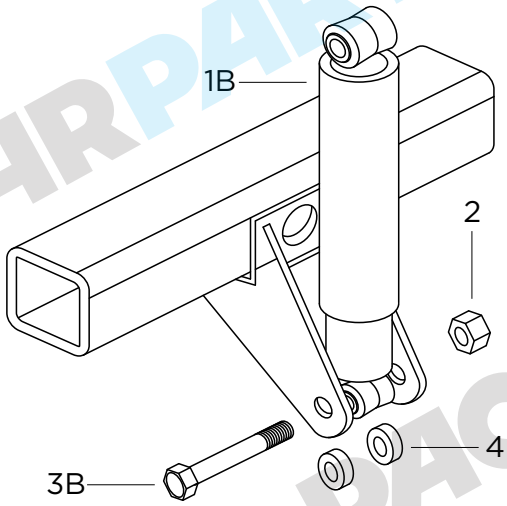
NLA - NO LONGER AVAILABLE

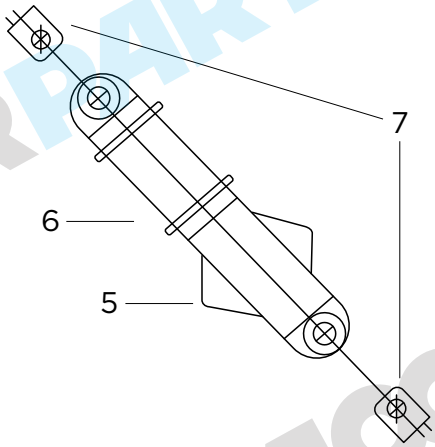
AIR BAG SUSPENSIONS
BPW AL2 SERIES SUSPENSIONS

FRONT MOUNT



REAR MOUNT





Notes

1. The part number for the sling will depend on the suspension.
2. To obtain the correct part number (e.g. AS0025/....) please refer to the tag on the sling.

For further information contact your nearest authorised PACCAR Parts dealer.

TRANSPEC

AIR BAG SUSPENSIONS
BPW AL2 SERIES SUSPENSIONS

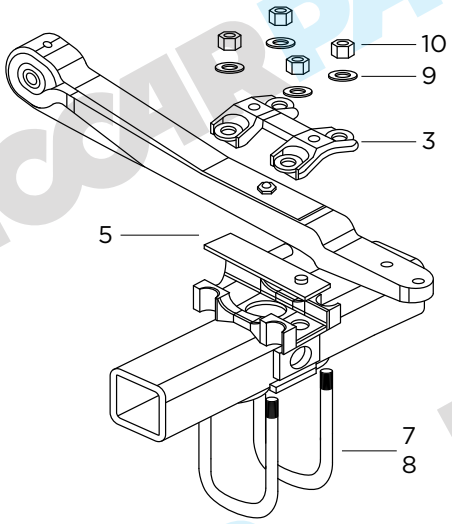
UNDERSLUNG / OVERSLUNG AL2 SHOCK ABSORBERS & ATTACHMENTS					
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	QTY PER AXLE	
1a	0237228302	Shock Absorber 326 mm - 496 mm	Front Mount	2	See Section 20 For Shock Absorbers
1b	0237021802	Shock Absorber 475 mm - 800 mm	Rear Mount	2	
2	0252207412	Nut	M24 Lock Nut	4	
3a	0334014190	Bolt	Front Mount Shock Absorber M24 x 240 mm	2	
3b	0250234980	Bolt	Rear Mount Shock Absorber M24 x 140 mm	2	
4	0331031380	Spacer – Lower Mount	Rear Mount Shock Absorber	4	
5	See Note 2	Sling		2	
6	AS0002	Rubber Ring Retainer		4	
7	AS001	Plate Webbing Sling		4	

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
BPW AL2 SERIES SUSPENSIONS

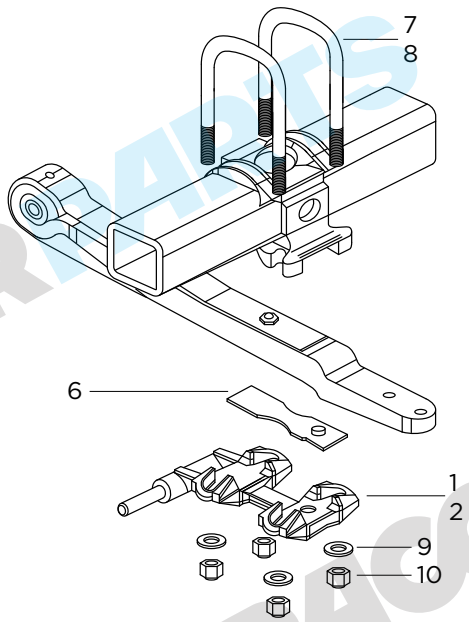
A

OVERSLUNG
Non-Alignable Hangers



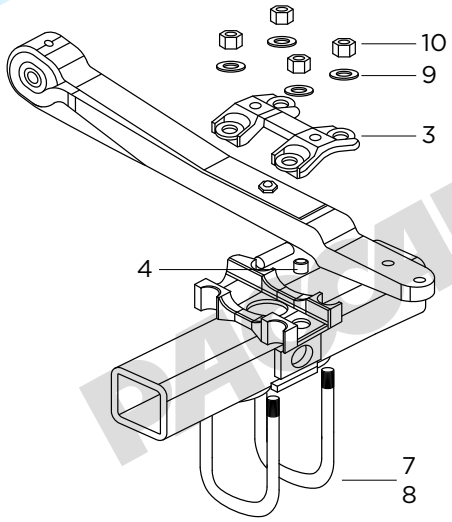
B

UNDERSLUNG
Non-Alignable Hangers



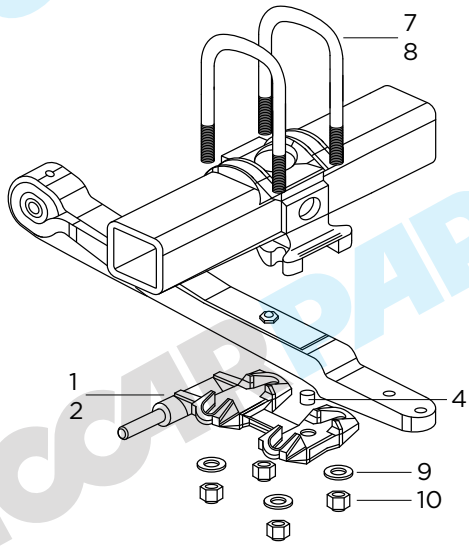
C

OVERSLUNG
Alignable Hangers



D

UNDERSLUNG
Alignable Hangers



Notes

1. For suspensions fitted to BPW disc brake axles with 377mm rotor diameter (predominantly for disc brake axles to suit 19.5" tyres) flat U Bolts part number 0313841134 are used. These should only be used in conjunction with axle seats that are made to suit flat U Bolts.
2. For Part Numbers for Hangers with M30 Spring Eye Bolts, contact PACCAR PARTS.

For further information contact your nearest authorised PACCAR Parts dealer.

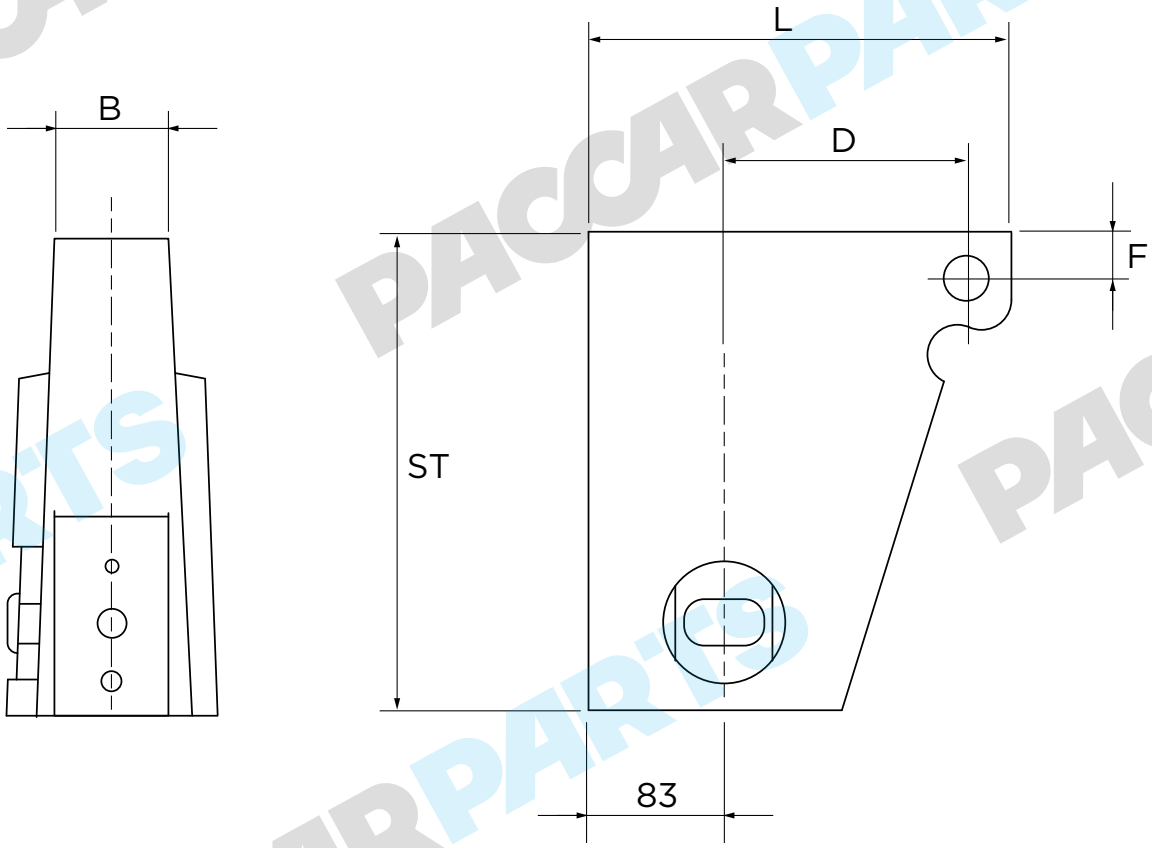
TRANSPEC

AIR BAG SUSPENSIONS
BPW AL2 SERIES SUSPENSIONS

UNDERSLUNG / OVERSLUNG AL2 AXLE CLAMPING

ITEM NO.	FIG	PART NO.	DESC	QTY PER AXLE	OVERSLUNG		UNDERSLUNG					COMMENTS
					DISC & DRUM BRAKE		DISC BRAKE	DRUM BRAKE				
								Non Alignable Hangers		Alignable Hangers		
					Non Alignable Hanger	Alignable Hanger	All Hangers	Front Mount Shock Absorber	Rear Mount Shock Absorber	Front Mount Shock Absorber	Rear Mount Shock Absorber	
1	B, D	0514525460	Spring Plate Right Hand	1				✓		✓		
2	B, D	0514525070	Spring Plate Left Hand	1				✓		✓		
3	A, C	0314525380	Spring Plate	2	✓	✓			✓		✓	
4	C, D	0308474430	Dowel	2		✓				✓		
5	A	0328136140AL2	Alignment plate with dowel	2	✓							
6	B	0328136140AL2US	Alignment plate	2			✓	✓	✓		✓	
7	All	0313841014	U Bolt	4								Round M24 X 152 mm X 268 mm — See Sections 22.1 & 22.2
8		0313841194	U Bolt	4				✓				Round M24 X 152 mm X 280 mm — For U-Bolt Information & Images
9		0254012507	Washer	8								M24
10		0252207412	Nut	8								M24

AIR BAG SUSPENSIONS
BPW AL2 SERIES SUSPENSIONS



Notes

1. For all Hangers with M30 Eye Bolts, please contact PACCAR Parts.
2. Check if the hanger is parallel or tapered by looking at the hanger in the direction of travel.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

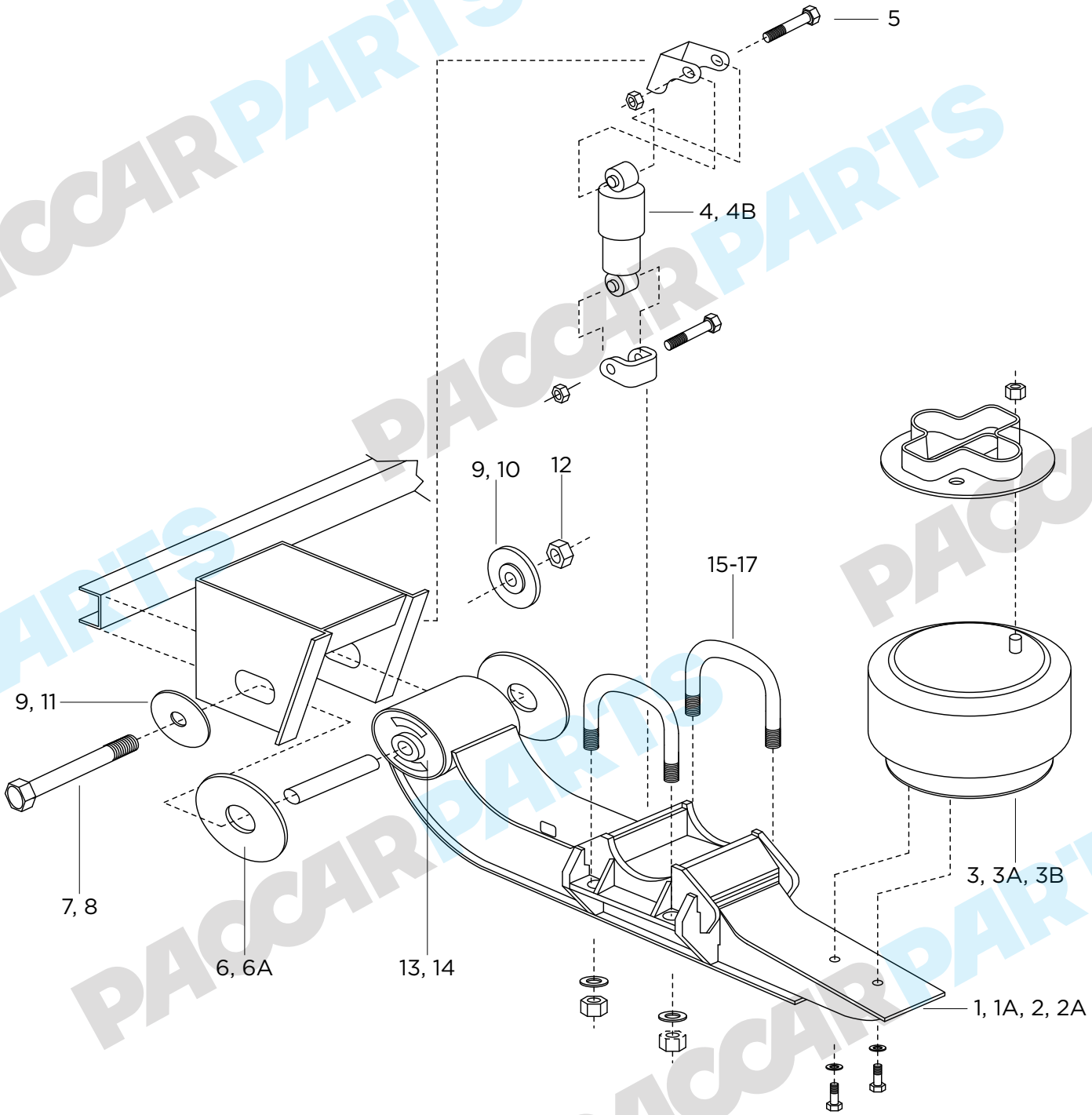
TRANSPEC

AIR BAG SUSPENSIONS
BPW AL2 SERIES SUSPENSIONS

UNDERSLUNG / OVERSLUNG AL2 SUSPENSION HANGERS (M24 EYE BOLTS ONLY)					
ITEM NO.	ALL DIMENSIONS IN MM				COMMENTS
	ST	B	D	F	
NON ALIGNABLE HANGERS					
0537544458	268	84	150	41	Tapered Hanger
0537544468	268	84	90	35	
0537544478	350	105	100	150	Parallel Hanger
ALIGNABLE HANGERS					
0537544308	184	91	70	35	Tapered Hanger
0537544318	268	84	150	41	
0537544328	268	84	90	35	
0537544698	350	105	100	150	Parallel Hanger 0537544698 NA See Note 3

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
HENDRICKSON HT SERIES SUSPENSIONS



Notes

1. HT250U 165 mm, 190 mm, 228 mm Ride Height / HT300U 190 mm Ride Height.
2. Quick Align suspensions allow easy alignment from the outside of the hangers. (See Section 18.4.9 Hendrickson Quick Align Suspensions)
3. To convert a Non Quick Align system to a Quick Align one, use Quick Align Retrofit Kit Part Number 98690-001.
4. Use Bushing Replacement Tool Part Number S-21307A when replacing the Tri-Functional Bushes. (Items 13, 14 & 14A)

For further information contact your nearest authorised PACCAR Parts dealer.

HENDRICKSON
The World Rides On Us®

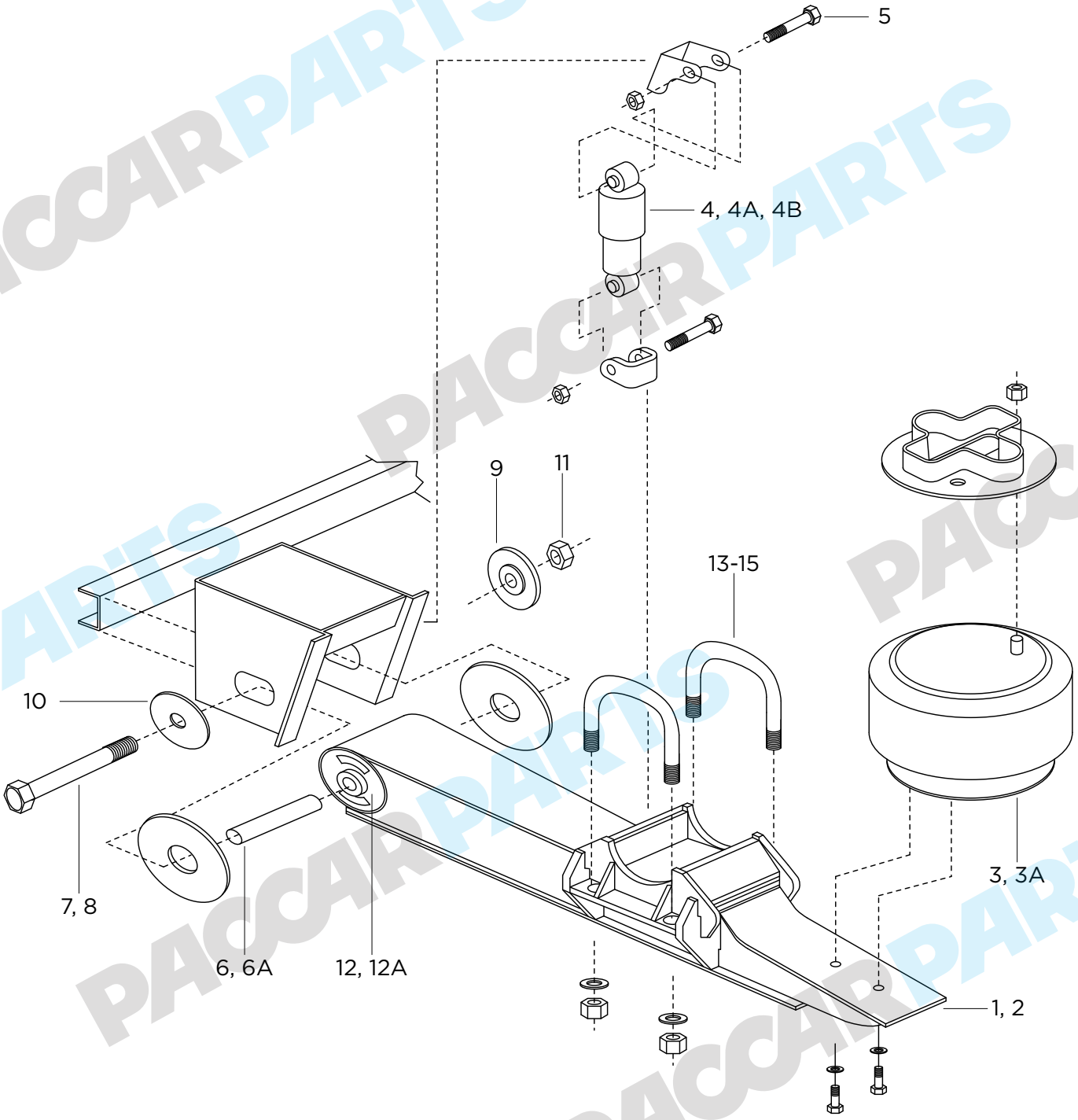
AIR BAG SUSPENSIONS
HENDRICKSON HT SERIES SUSPENSIONS

HT250U / HT 300U UNDERSLUNG SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS		
1	C-20335-1	Trailing Arm	Left Hand Side	HT250U	
1A	C-20335-2	Trailing Arm	Right Hand Side		
2	NLA	Trailing Arm	Left Hand Side S-20252-1 NLA	HT300U	
2A	NLA	Trailing Arm	Right Hand Side S-20252-2 NLA		
3	C-20124	Air Spring		HT250U	See Section 19 For Air Bags
3A	B-3830	Air Spring		HT300U	
3B	A-20033P	Air Spring Bolt Kit	Axle Set Includes 2 Nuts, 2 Washers & 4 Bolts		
4	S-24023	Shock Absorber		HT250U	See Section 20 For Shock Absorbers
4A	S-21699	Shock Absorber		HT300U	
4B	98941-006-8P	Shock Absorber Bush Kit			
4C	90-2396SP1	Shock Absorber	KONI	HT250U	See Section 20 For Shock Absorbers
4D	90-2319SP1	Shock Absorber	KONI	HT300U	
5	A-20031	Shock Absorber Bolt Kit	Axle Set		
6	B-11613-2P	Wear Pad	5 mm Thick		
6A	S-21099-4P	Wear Pad	10 mm Thick Recessed		
7	S-3646	Pivot Bolt/Nut	1-⅛"	Non Quick Align	
7A	S-31623	Pivot Bolt/Nut Kit	⅞" Supplied As A Kit Includes Shear Bolt, Nut And Two Hardened Washers	Quick Align	
8	S-31625	Pivot Bolt/Nut/ Collars		Quick Align	
9	B-2770-2P	Alignment Collar		Non Quick Align	
10	C-20924	Alignment Collar	Inner	Quick Align	
11	C-20925	Alignment Collar	Outer		
12	NLA	Torque Rite Nut	Use Pivot Bolt/Nut Kit S-31623 S-20930P NLA"		
13	C-21824	TRI-FUNCTIONAL™ Bush			
14	A-6914	TRI-FUNCTIONAL™ Bush Kit	Includes Items 6, 7, 13	Non Quick Align	
14A	A-31624	TRI-FUNCTIONAL™ Bush Kit	Includes Items 6, 7A, 13	Quick Align	
15	S-21140	U-Bolt Kit			See Section 22 For U-Bolts
16	S-21140	U-Bolt Spacer Kit			
17	B-20701	Spacer			
18	98918-001	Shock Absorber Strap Kit	For Strap Only Use C-14587-8L		

NLA — NO LONGER AVAILABLE | NI — NOT ILLUSTRATED

AIR BAG SUSPENSIONS
HENDRICKSON HT SERIES SUSPENSIONS



Notes

1. HT250US 165 mm, 190 mm, 228 mm Ride Height.
2. Quick Align suspensions allow easy alignment from the outside of the hangers. (See Section 18.4.9 Hendrickson Quick Align Suspensions)
3. To convert a Non Quick Align system to a Quick Align one, use Quick Align Retrofit Kit Part Number 98690-001.
4. Use Bushing Replacement Tool Part Number S-21307A when replacing the Tri-Functional Bushes. (Items 11, 12 & 12A)

For further information contact your nearest authorised PACCAR Parts dealer.

HENDRICKSON
The World Rides On Us®

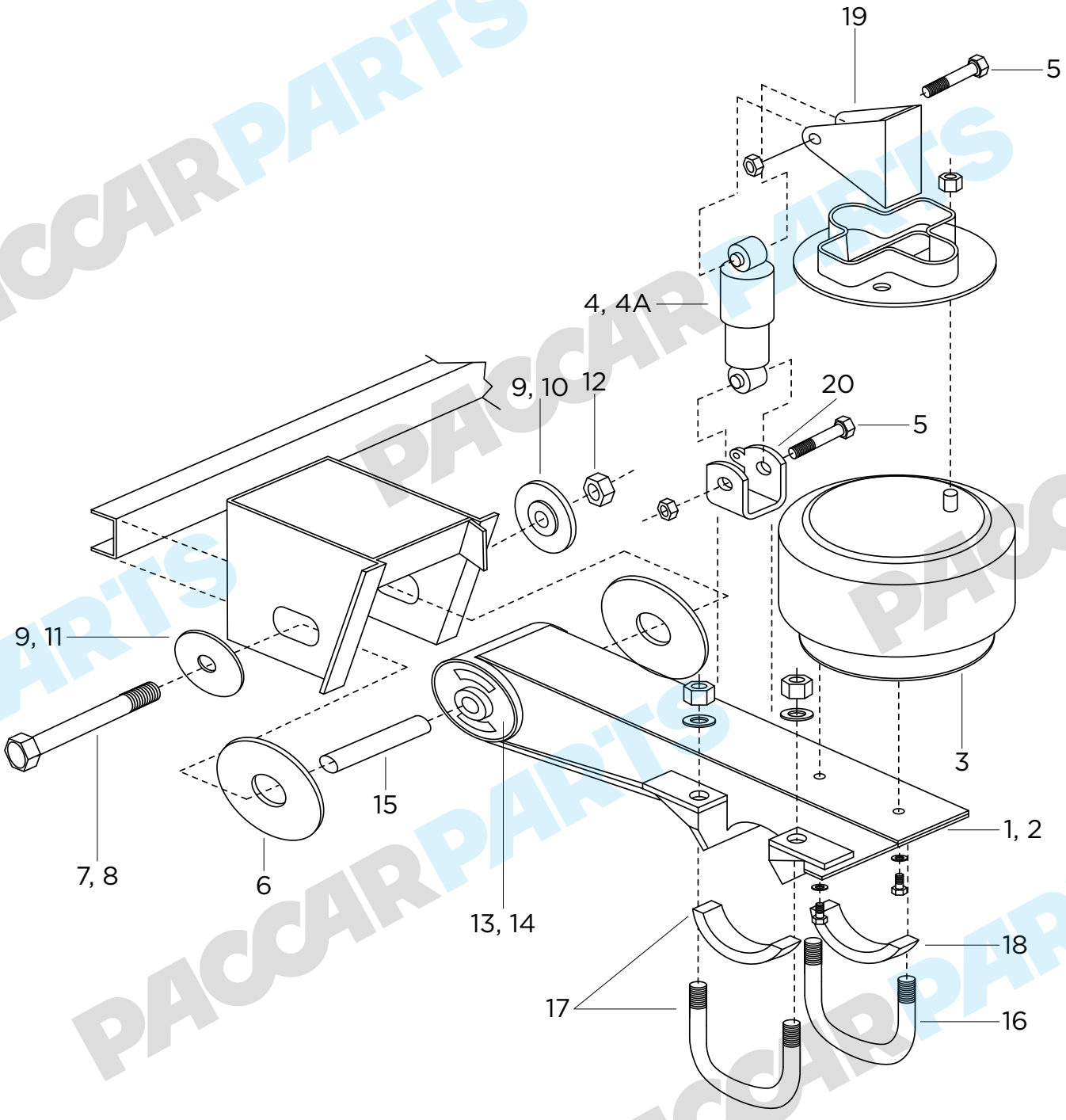
AIR BAG SUSPENSIONS
HENDRICKSON HT SERIES SUSPENSIONS

HT250US UNDERSLUNG SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	S-24186-1	Trailing Arm	Left Hand Side	
2	S-24186-2	Trailing Arm	Right Hand Side	
3	C-20127	Air spring		See Section 19 For Air Bags
3A	A-20033P	Air Spring Bolt Kit	Axle Set	
4	S-23744	Shock Absorber	6½" Ride Height	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
4A	S-23743	Shock Absorber	7½", 8½" - 14" Ride Height	
4B	98941-006-8P	Shock Absorber Bush Kit		
5	S-24024	Shock Absorber Bolt Kit	Axle Set	
6	B-11613-2P	Wear Pad	5 mm Thick	
6A	S-21099-4P	Wear Pad	10 mm Recessed	
7	S-31623	Pivot Bolt/Nut	Quick Adjust ⅞"	
8	S-31625	Pivot Bolt/Nut/ Collars		
9	C-20924	Alignment Collar Inner	Quick Adjust	
10	C-20925	Alignment Collar Outer	Quick Adjust	
11	NLA	Torque Rite Nut	S-20930P is NLA	
12	C-21824	TRI-FUNCTIONAL™ Bush		
12A	A-31624	TRI-FUNCTIONAL™ Bush Kit	Quick Adjust Includes items 6, 7, 12	
13	S-21140	U-Bolt Kit		See Sections 22.1 & 22.2 For U-Bolt Information & Images
14	S-21140	U-bolt Spacer Kit		
15	B-20701	Spacer		
NI	S-23086-10	Restraint Strap Kit	6½" Ride Height	
NI	S-23086-5	Restraint Strap Kit	7½" Ride Height	

NLA — NO LONGER AVAILABLE | NI — NOT ILLUSTRATED

AIR BAG SUSPENSIONS
HENDRICKSON HT SERIES SUSPENSIONS



Notes

1. HT230 / HT 300 380 mm, 430 mm Ride Height.
2. Quick Align suspensions allow easy alignment from the outside of the hangers. (See Section 18.4.9 Hendrickson Quick Align Suspensions)
3. To convert a Non Quick Align system to a Quick Align one, use Quick Align Retrofit Kit Part Number 98690-001.
4. Use Bushing Replacement Tool Part Number S-21307A when replacing the TRI-FUNCTIONAL™ Bushes. (Items 14, 14A & 15)
5. Early HT230 suspension Air Springs, Part Number C-20010, were fitted with a single stud mount. These are superseded by Part Number S-21208, fitted with a dual stud mount.

TRI-FUNCTIONAL™ is a trade mark of Hendrickson USA, L.L.C

For further information contact your nearest authorised PACCAR Parts dealer.

HENDRICKSON
The World Rides On Us®

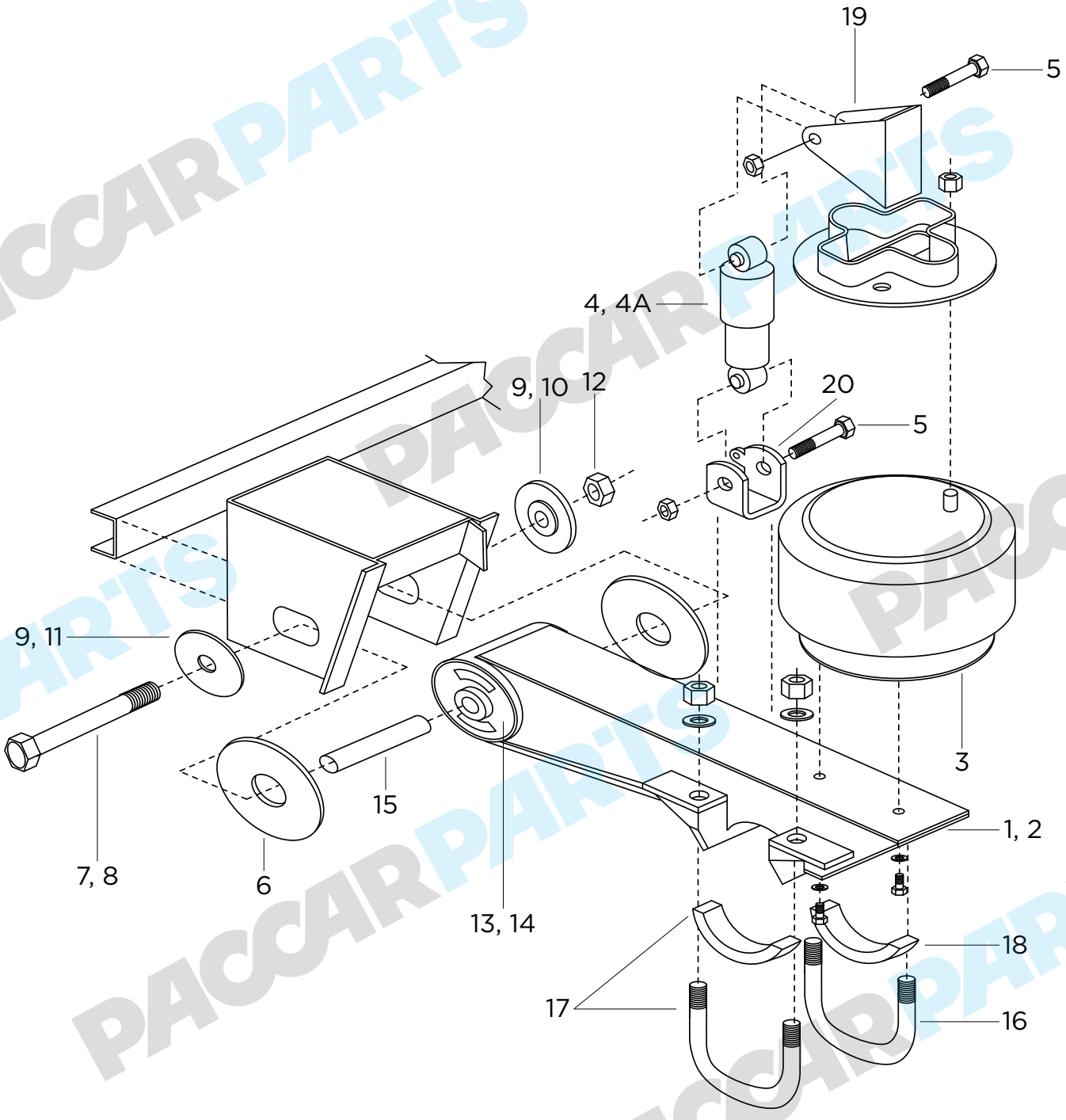
AIR BAG SUSPENSIONS
HENDRICKSON HT SERIES SUSPENSIONS

HT230 / HT300 OVERSLUNG SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS		
1	S-27614-1	Trailing Arm	Left Hand Side	HT230	
1A	S-27614-2	Trailing Arm	Right Hand Side		
2	D-20186-1	Trailing Arm	Left Hand Side	HT300	
2A	D-20186-2	Trailing Arm	Right Hand Side		
3	S-21208	Air Spring	Dual Stud	HT230	See Section 19 For Air Bags
3A	98734-101	Air Spring		HT300	
3B	A-20033P	Air Spring Bolt Kit	Axle Set Includes 2 Nuts, 2 Washers & 4 Bolts		
4	S-20889	Shock Absorber			See Sections 20.1 & 20.2 For Shock Absorber Information & Images
4A	98941-006-8P	Shock Absorber Bush Kit	Includes items 6, 7A, 13		
NI	90-2396SP1	Shock Absorber Strap Kit	KONI		See Sections 20.1 & 20.2 For Shock Absorber Information & Images
NI	98918-001	Shock Absorber Strap Kit	Strap only - C-14587-8L		
5	A-20031	Shock Absorber Bolt Kit	Axle Set		
6	B-11613-2P	Wear Pad	5 mm Thick		
NI	S-21099-4P	Wear Pad	10 mm Thick-Recessed		
NI	NLA	Wear Pad	Heavy Duty Glove S-26551 NLA Use S-26551-4P (4 Pack)	HT230	
NI	S-26824	Wear Pad	Heavy Duty Glove	HT300	
7	S-3646	Pivot Bolt and Nut	1⅛" Non Quick Align		
7A	S-31623	Pivot Bolt and Nut	⅞" UNC Quick Align		
8	S-31625	Pivot Bolt, Nut and Collars	Quick Align		
9	B-2770-2P	Alignment Collar	Non Quick Align		
10	C-20924	Alignment Collar	Inner Quick Align		
11	C-20925	Alignment Collar	Outer Quick Align		
12	NLA	Torque Rite Nut	S-20930P NLA		
13	C-21824	TRI-FUNCTIONAL™ Bush			
14	A-6914	TRI-FUNCTIONAL™ Bush Kit	Includes Pivot Bolt, Inner and Outer Quick Align Alignment Collars, Nut - Prevailing Torque ⅞" UNC	Non Quick Align	
14A	A-31624	TRI-FUNCTIONAL™ Bush Kit	Includes Pivot Bolt, Hardened Washer ⅞", Nut - Prevailing Torque ⅞"" UNC, Wear Bush - Flat Style, TRI-FUNCTIONAL™ Bush, TRI-FUNCTIONAL™ Bush Lube Pack	Quick Align	
15	N/A	TRI-FUNCTIONAL™ Bush	Order Items 7 And 14		
16	N/A	U Bolt	Order Item 17		

NLA - NO LONGER AVAILABLE | N/A - NOT APPLICABLE | NI — NOT ILLUSTRATED

AIR BAG SUSPENSIONS
HENDRICKSON HT SERIES SUSPENSIONS



Notes

1. HT230 / HT 300 380 mm, 430 mm Ride Height.
2. Quick Align suspensions allow easy alignment from the outside of the hangers. (See Section 18.4.9 Hendrickson QUICK ALIGN Suspensions)
3. To convert a Non Quick Align system to a Quick Align one, use Quick Align Retrofit Kit Part Number 98690-001.
4. Use Bushing Replacement Tool Part Number S-21307A when replacing the Tri-Functional Bushes. (Items 14, 14A & 15)
5. Early HT230 suspension Air Springs, Part Number C-20010, were fitted with a single stud mount. These are superseded by Part Number S-21208, fitted with a dual stud mount.

TRI-FUNCTIONAL™ is a trade mark of Hendrickson USA, L.L.C

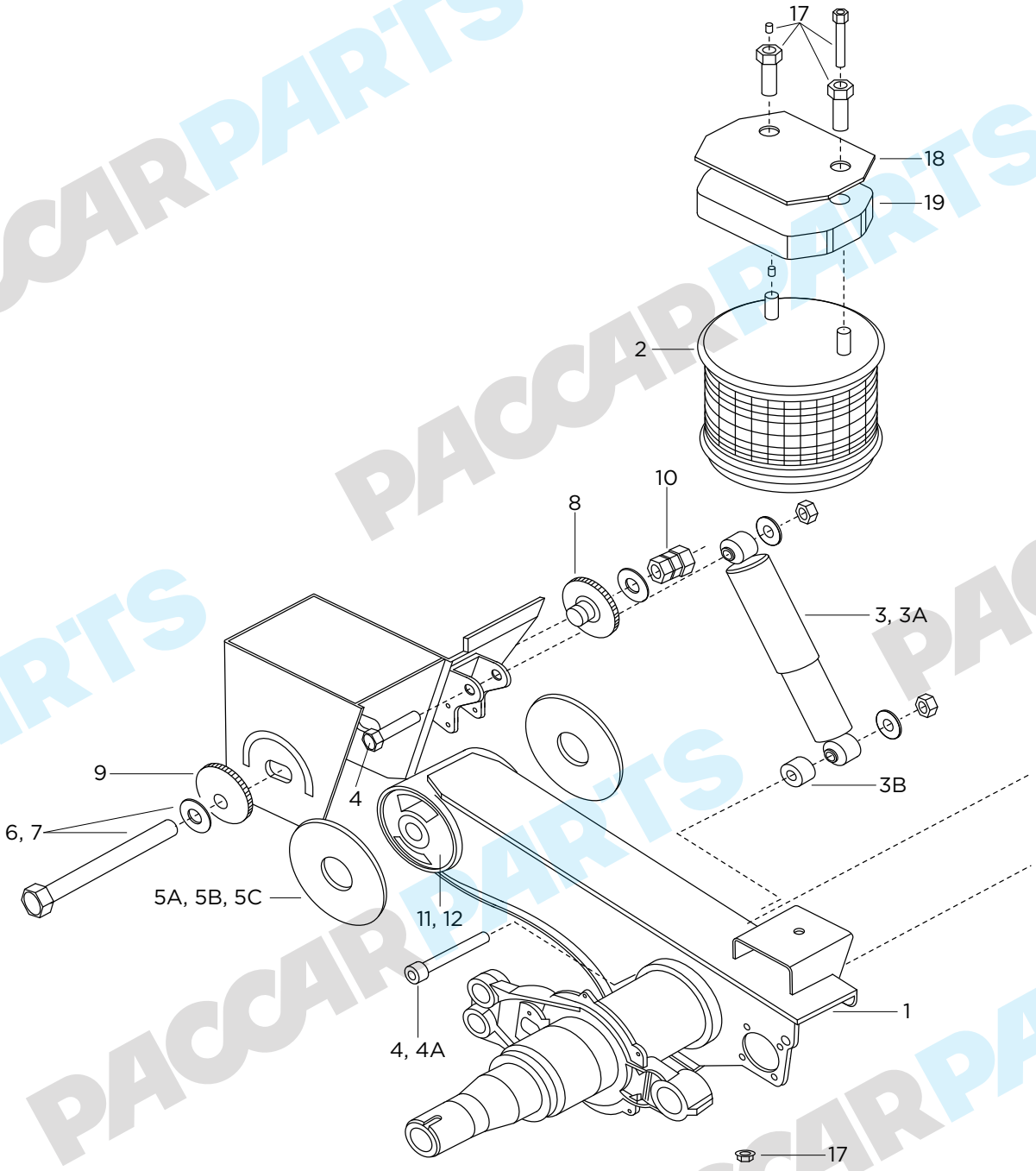
For further information contact your nearest authorised PACCAR Parts dealer.

HENDRICKSON
The World Rides On Us®

AIR BAG SUSPENSIONS
HENDRICKSON HT SERIES SUSPENSIONS

HT230 / HT300 OVERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
17	S-21140	U Bolt and Spacer Kit	For 15" & 16½" Brakes (19.5" Or Larger Tyres). Replaces Early Design With Spacers, As They Are Not Used With New Stepped Design U-Bolts. Includes U-Bolts, Nuts & Washers.	Updated "Stepped" Type
18	B-20701	Spacer		
19	N/A	Shock Absorber Upper Mount	Requires Suspension Numbers To Identify Correct Part Number Refer To The Identification Plates (Attached To The Suspension Beams) For Further Information Contact PACCAR Parts	
20	C-20069	Shock Clevis		
NI	NLA	Axle Strap	1200 mm Eye to Eye 98915-004 NLA	

AIR BAG SUSPENSIONS
HENDRICKSON INTRAAX SERIES SUSPENSION



Notes

1. INTRAAX AA250 340 mm, 380 mm, 405 mm, 430 mm, 480 mm Ride Height.
2. Quick Align suspensions allow easy alignment from the outside of the hangers. (See Section 18.4.9 Hendrickson QUICK ALIGN Suspensions)
3. Heavy duty wear pads are not suitable for MAXITRAAX and other Hendrickson suspensions.
4. Use Bushing Replacement Tool Part Number S-21307A when replacing the Tri-Functional Bushes. (Items 11 & 12)
5. Other variations are available; configuration and part number must be confirmed with Hendrickson prior to placing order.

TRI-FUNCTIONAL™ is a trade mark of Hendrickson USA, L.L.C

For further information contact your nearest authorised PACCAR Parts dealer.

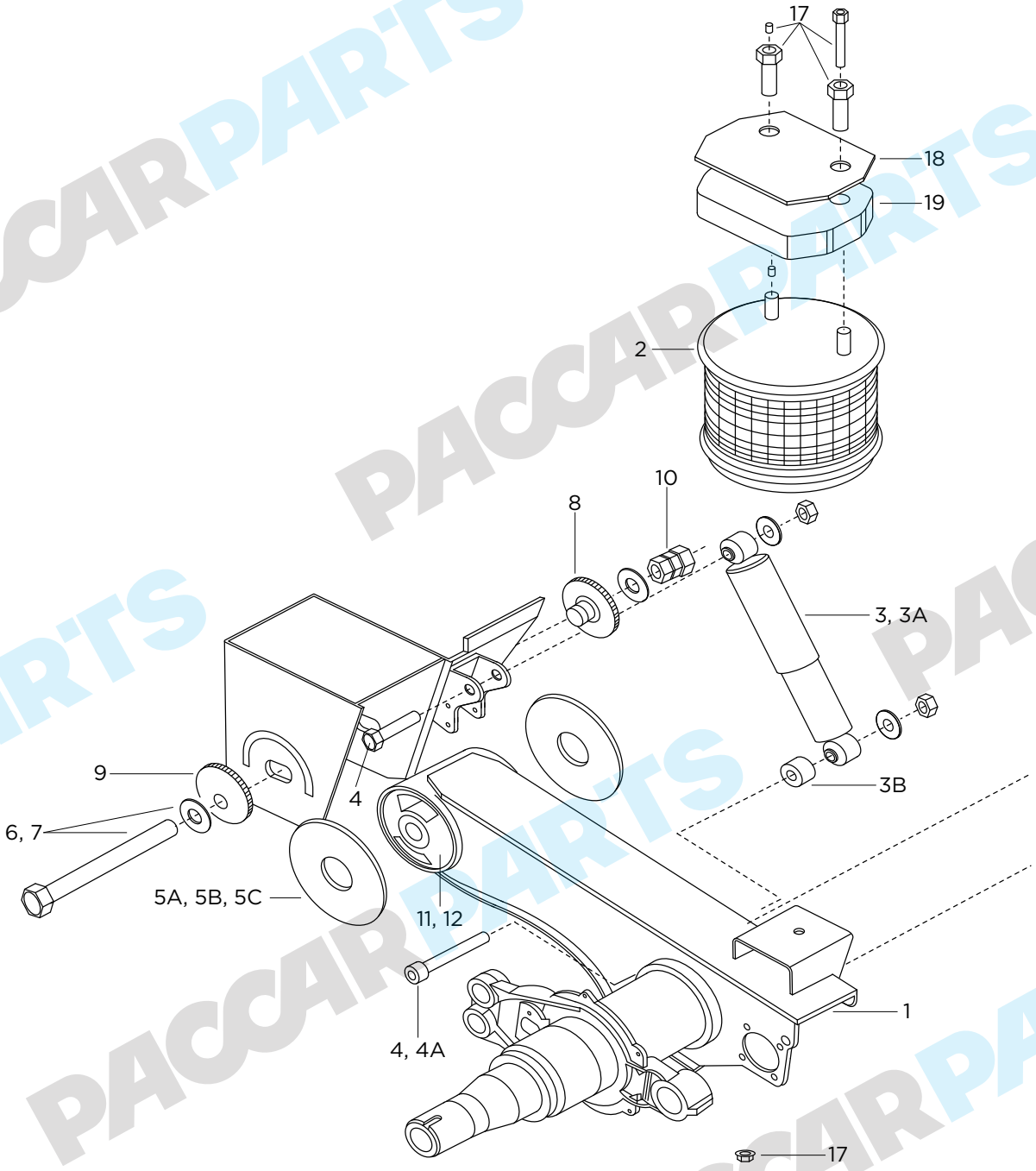
HENDRICKSON
The World Rides On Us®

AIR BAG SUSPENSIONS
HENDRICKSON INTRAAX SERIES SUSPENSION

INTRAAX AA250 SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1A	X1-250AXLE.1	71.5" Track – Note 5		
1B	X1-250AXLE.1	73" Track – Note 5		
2	C-21784	Air Spring	With Top Ring	
2A	C-20901	Air Spring		
3	S-21699	Shock Absorber	Genuine	
3A	91-2641SP1	Shock Absorber	KONI	
3B	98941-006-8P	Shock Absorber Bush Kit		
4	98111-103	Shock Absorber Bolt Kit	Axle Set	
4A	S-24021	Lower Shock Absorber Bolt	Kit Only	
5A	B-11613-2P	Wear Pad	5 mm Thick	
5B	S-21099-4P	Wear Pad	10 mm Thick-Recessed	
5C	NLA	Wear Pad	Heavy Duty Glove S-26551 NLA Use S-26551-4P (4 Pack)	
6	S-31623	Pivot Bolt/Nut Kit	7/8" Supplied As A Kit Includes Shear Bolt, Nut And Two Hardened Washers	Quick Align
7	S-31625	Pivot Bolt/Nut/ Collars		Quick Align
8	C-20924	Alignment Collar Inner		
9	C-20925	Alignment Collar Outer		
10	NLA	Torque Rite Nut	S-20930P NLA	
11	C-21824	TRI-FUNCTIONAL™ Bush		Quick Align
12	A-31624	TRI-FUNCTIONAL™ Bush Kit	Includes items 5 ,6, 11	Quick Align
13	98918-001	Shock Absorber Strap Kit	Straps only - C-14587-8L	
14	98918-002	Axle Restraint Kit	Strap only - 98915-004 Alignment Collar Outer (Q/A)	Quick Align
15	60502-000-P	Height Control Valve		
NI	57977-103	Height Control Valve Kit		
17	S-22619	Air Bag Mount Kit		Non Spacer Type
	S-22630	Air Bag Mount Kit	1 1/8" 15" Right Hand	Spacer Type
	S-22631	Air Bag Mount Kit	1 7/8" 16" Right Hand	
	S-22632	Air Bag Mount Kit	3 1/8" 17" Right Hand	

NLA - NO LONGER AVAILABLE | NI - NOT ILLUSTRATED

AIR BAG SUSPENSIONS
HENDRICKSON INTRAAX SERIES SUSPENSION



Notes

1. INTRAAX AA250 340 mm, 380 mm, 405 mm, 430 mm, 480 mm Ride Height.
2. Quick Align suspensions allow easy alignment from the outside of the hangers. (See Section 18.4.9 Hendrickson QUICK ALIGN Suspensions)
3. Heavy duty wear pads are not suitable for MAXITRAAX and other Hendrickson suspensions.
4. Use Bushing Replacement Tool Part Number S-21307A when replacing the Tri-Functional Bushes. (Items 11 & 12)
5. Other variations are available; configuration and part number must be confirmed with Hendrickson prior to placing order.

TRI-FUNCTIONAL™ is a trade mark of Hendrickson USA, L.L.C

For further information contact your nearest authorised PACCAR Parts dealer.

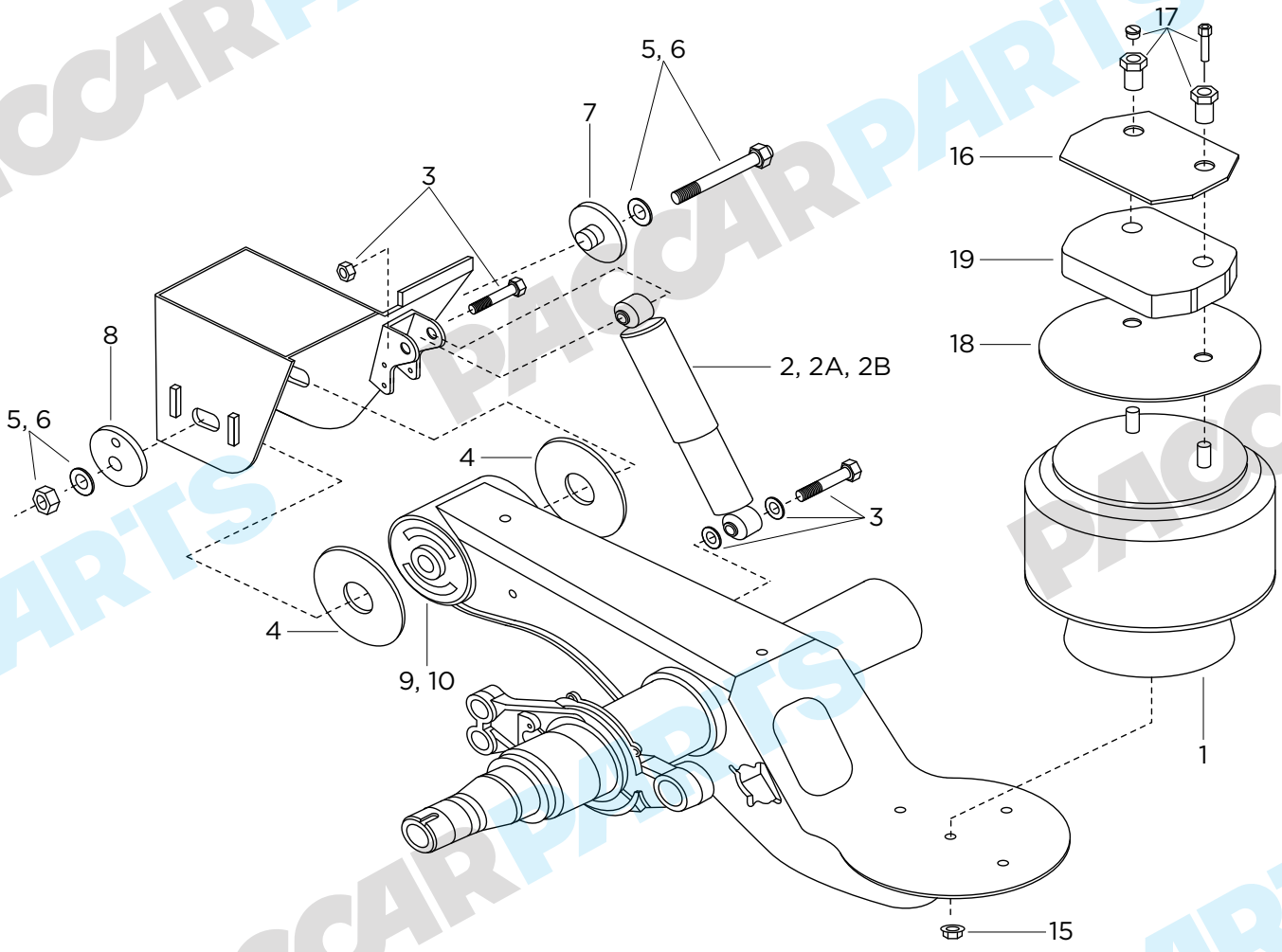
HENDRICKSON
The World Rides On Us®

AIR BAG SUSPENSIONS
HENDRICKSON INTRAAX SERIES SUSPENSION

INTRAAX AA250 SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
18	B-20905	Plate	Top 13.5" to 17" Right Hand	
19	S-22510-1	Spacer	Plastic 1⅛" 15" Right Hand	Spacer Type
	S-22510-2	Spacer	Plastic 1⅞" 16" Right Hand	
	S-22510-3	Spacer	Plastic 3⅛" 17" Right Hand	
	S-22302-6	Spacer	Steel 55/16" 19" Right Hand	

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
HENDRICKSON INTRAAX SERIES SUSPENSION



Notes

1. INTRAAX AA250 165 mm, 190 mm, 305 mm Ride Height.
2. Quick Align suspensions allow easy alignment from the outside of the hangers. (See Section 18.4.9 Hendrickson QUICK ALIGN Suspensions)
3. Heavy duty wear pads are not suitable for MAXITRAAX and other Hendrickson suspensions.
4. Use Bushing Replacement Tool Part Number S-21307A when replacing the TRI-FUNCTIONAL™ Bushes. (Items 9 & 10)
5. Other variations are available; configuration and part number must be confirmed with Hendrickson prior to placing order.

TRI-FUNCTIONAL™ is a trade mark of Hendrickson USA, L.L.C

For further information contact your nearest authorised PACCAR Parts dealer.

HENDRICKSON
The World Rides On Us®

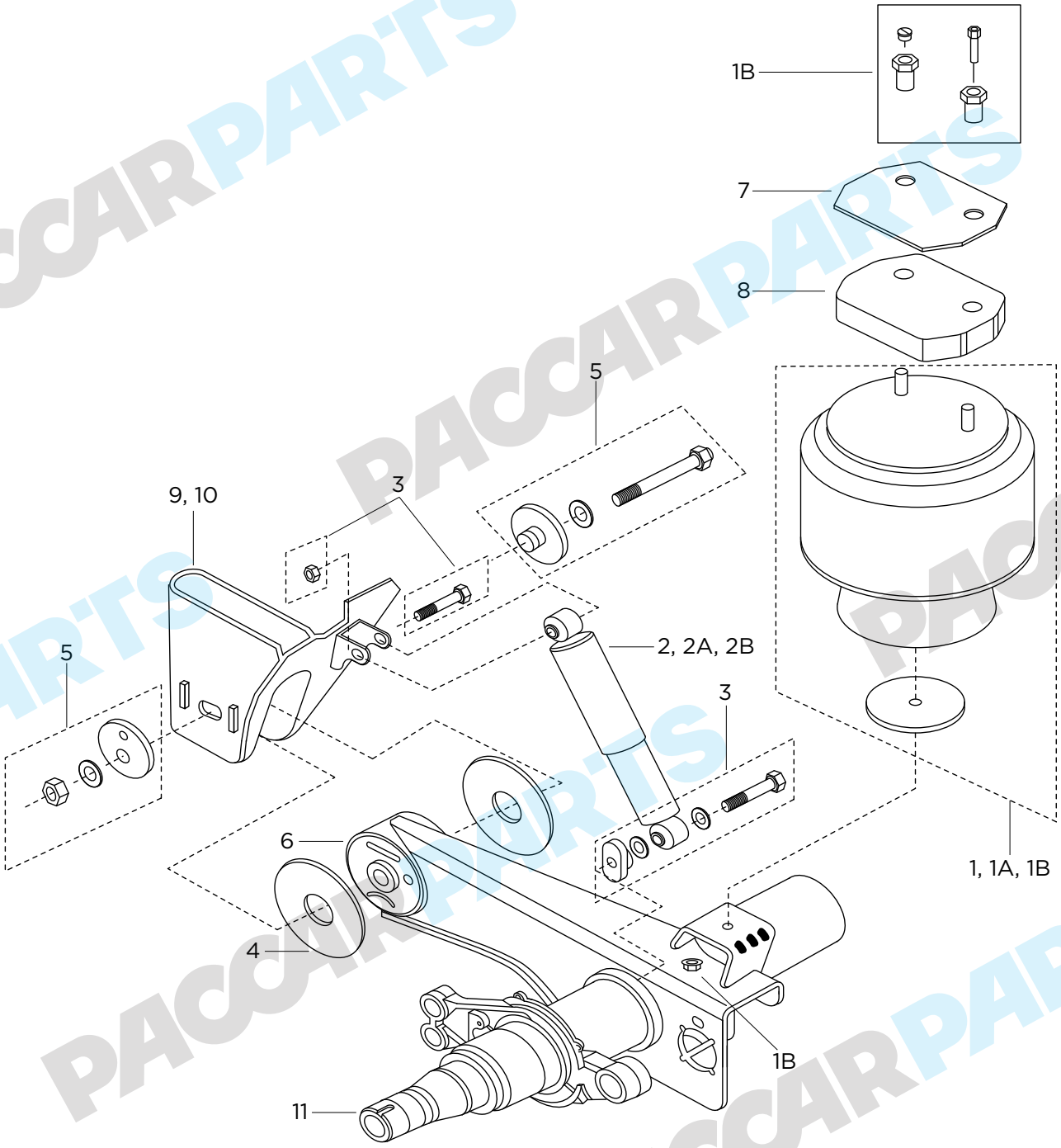
AIR BAG SUSPENSIONS
HENDRICKSON INTRAAX SERIES SUSPENSION

LOW RIDE INTRAAX AA250 SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	S-23721	Air Spring	165 mm / 190 mm Ride Height	See Section 19 For Air Bags
1A	S-23611	Air Spring	230 mm Ride Height	
1B	S-23612	Air Spring	305 mm Ride Height	
2	S-24579	Shock Absorber	165 mm / 230 mm Ride Height	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	S-24023	Shock Absorber	305 mm Ride Height	
2B	98941-006-8P	Shock Absorber Bush Kit		
3	S-24757	Shock Absorber Bolt Kit	Axle Set	
4A	B-11613-2P	Wear Pad	Standard 5 mm Thick	
4B	S-21099-4P	Wear Pad	10 mm Thick	
4C	NLA	Wear Pad	Tube Style – Heavy Duty S-26551 NLA Can use S-26551-4P (4PK)	
5	S-31623	Pivot Bolt/Nut	⅞" UNC Quick Align Suspensions	
6	S-31625	Pivot Bolt/Nut/ Collars	Quick Align Suspensions	
7	C-20924	Alignment Collar	Inner Quick Align Suspensions	
8	C-20925	Alignment Collar	Outer Quick Align Suspensions	
9	C-21824	TRI-FUNCTIONAL™ Bush		
10	A-31624	TRI-FUNCTIONAL™ Bush Kit	Quick Align Suspensions	
NI	98918-001	Shock Absorber Strap Kit	Straps only - C-14587-8L	
NI	98918-002	Axle Restraint Kit	Strap only - 98915-004	
NI	60502-000-P	Height Control Valve		See Section 26 For Suspension Height Control Systems and Component Information & Images
NI	57977-103	Height Control Valve Kit		
15	S-22619	Air Bag Mount Kit	No Spacer	
16	Refer Item 18	Plate	Top	
17	Refer Note 3	Spacer	Air Bag	
18	S-23294	Plate	Top Air Bag 18" - 19" Ride Height	

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
HENDRICKSON MAXITRAAX SUSPENSIONS



Notes

1. These suspensions should not be confused with INTRAAX suspensions.
2. Mostly found on Freighter Trailers.
3. Quick Align suspensions allow easy alignment from the outside of the hangers. (See Section 18.4.9 Hendrickson QUICK ALIGN Suspensions)
4. Use Bushing Replacement Tool Part Number S-21307A when replacing the Tri-Functional Bushes. (Items 6)
5. Other variations are available; configuration and part number must be confirmed via the Axle Tag with Hendrickson prior to placing order.

TRI-FUNCTIONAL™ is a trade mark of Hendrickson USA, L.L.C

For further information contact your nearest authorised PACCAR Parts dealer.

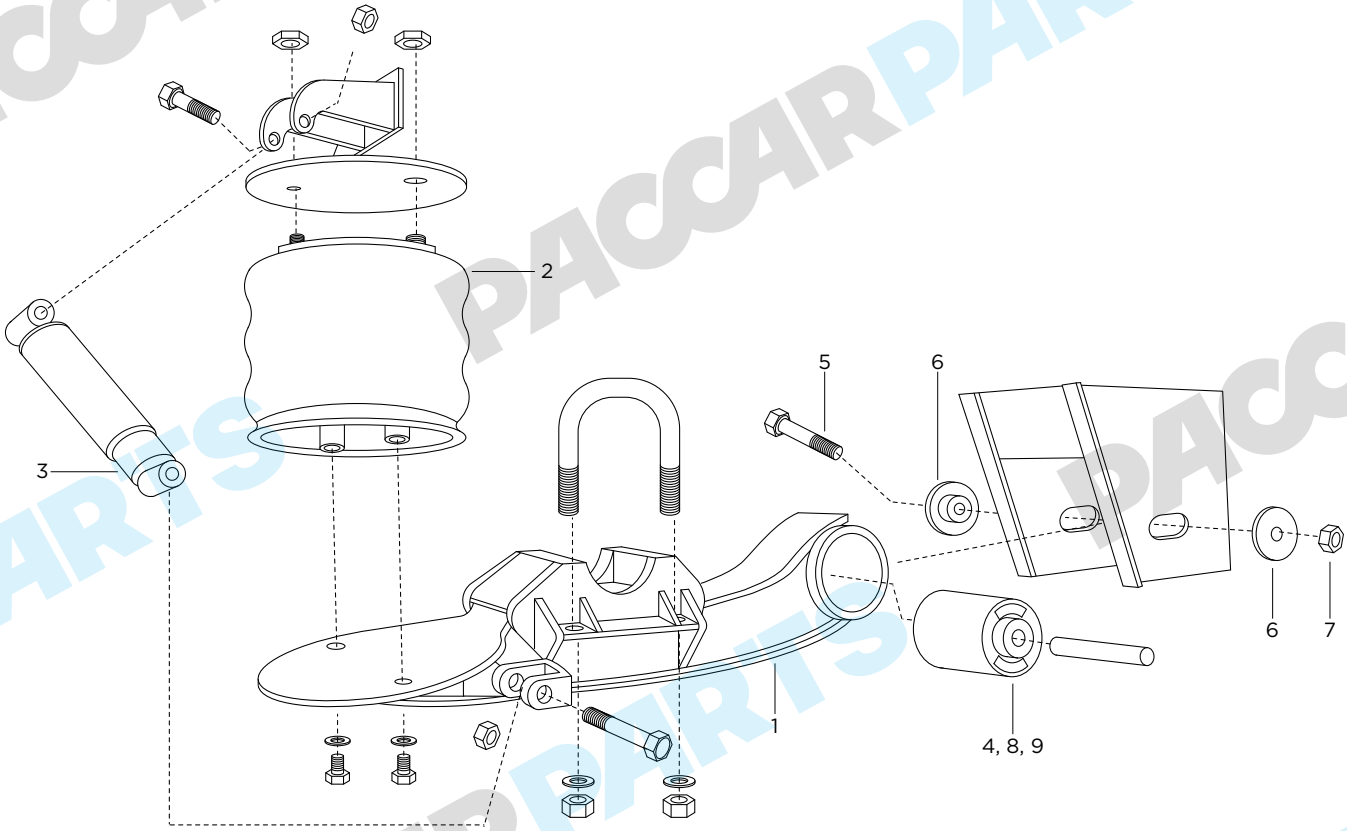
HENDRICKSON
The World Rides On Us®

AIR BAG SUSPENSIONS
HENDRICKSON MAXITRAAX SUSPENSIONS

MAXITRAAX SERIES SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	S-21800	Air Spring		See Section 19 For Air Bags
1A	S-23721	Air Spring	OEM Cross Reference P/N 1T15MBTW6	
1B	S-22630	Air Spring Fittings		
2	S-21699	Shock Absorber	See 2A Also	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	S-20889	Shock Absorber	Heavy Duty	
2B	98941-006-8P	Shock Absorber Bush Kit		
3	98111-103	Shock Absorber Bolt Kit		
4	B-11613-2P	Wear Pad		
5	S-31628	Pivot Bolt/Nut/ Collars	Quick Align	
6	S-31622	TRI-FUNCTIONAL™ Bush Kit	Quick Align	
7	B-20905	Plate	Air Bag	
8	S-22510-1	Spacer	Air Bag	
9	S-28400-1L	Hanger	Left Hand	
10	S-28400-1R	Hanger	Right Hand	
11	Axle Housing		See Note 2	

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
HENDRICKSON T9-106 SUSPENSIONS



Notes

1. These suspensions are no longer in common use.
2. 228 mm Ride Height.
3. To convert a Non Quick Align system to a Quick Align one, use Quick Align Retrofit Kit Part Number 98690-001.
4. Use Bushing Replacement Tool Part Number S-21307A when replacing the TRI-FUNCTIONAL™ Bushes. (Items 8, & 9)

TRI-FUNCTIONAL™ is a trade mark of Hendrickson USA, L.L.C

For further information contact your nearest authorised PACCAR Parts dealer.

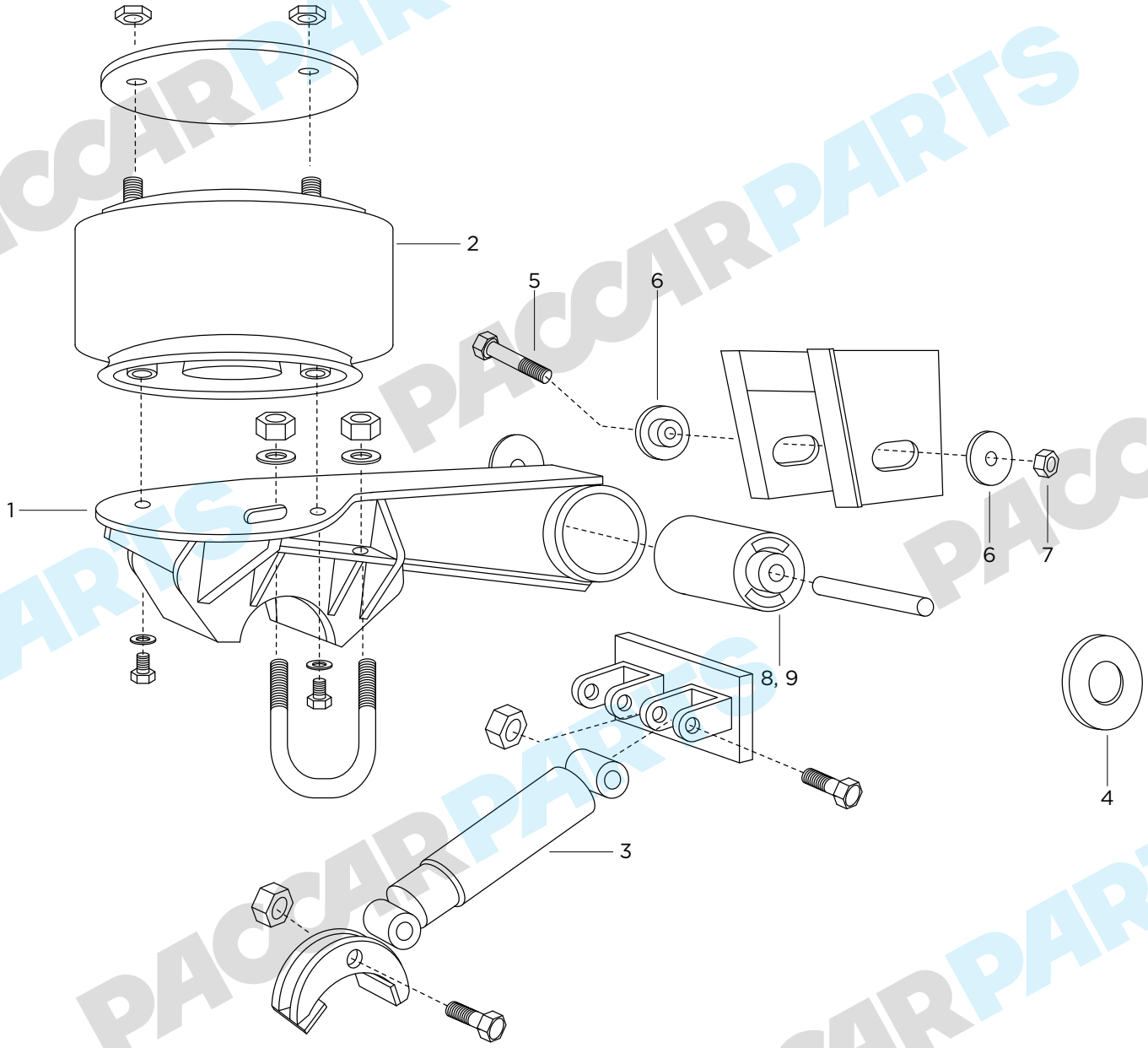
HENDRICKSON
The World Rides On Us®

AIR BAG SUSPENSIONS
HENDRICKSON T9-106 SUSPENSIONS

T9-106 UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	NLA	Trailing Arm - LHS	Left Hand Side C-3691-1 NLA	
1A	NLA	Trailing Arm - RHS	Right Hand Side C-3691-2 NLA	
2	B-2066	Air spring		See Section 19 For Air Bags
3	A-4084	Shock Absorber		See Sections 20.1 & 20.2 For Shock Absorber Information & Images
NI	98941-006-8P	Shock Absorber Bush Kit		
4	B-11613-2P	Wear Pad		
5	S-3646	Pivot Bolt/Nut	1⅛”	
6	B-2770-2P	Alignment Collar	Non Quick Align Suspensions	
7	NLA	Torque Rite Nut	Use S-15122P S-20930P NLA	
8	C-21824	TRI-FUNCTIONAL™ Bush		
9	A-6914	TRI-FUNCTIONAL™ Bush Kit	Non Quick Align Suspensions	

NLA - NO LONGER AVAILABLE | NI - NOT ILLUSTRATED

AIR BAG SUSPENSIONS
HENDRICKSON T15 / T17 SUSPENSIONS



Notes

1. T15 / T17 380 mm, 430 mm Ride Height.
2. Quick Align suspensions allow easy alignment from the outside of the hangers.
   (See Section 18.4.9 Hendrickson QUICK ALIGN Suspensions)
3. Use Bushing Replacement Tool Part Number S-21307A when replacing the Tri-Functional Bushes. (Items 11 & 12)

TRI-FUNCTIONAL™ is a trade mark of Hendrickson USA, L.L.C

For further information contact your nearest authorised PACCAR Parts dealer.

HENDRICKSON
The World Rides On Us®

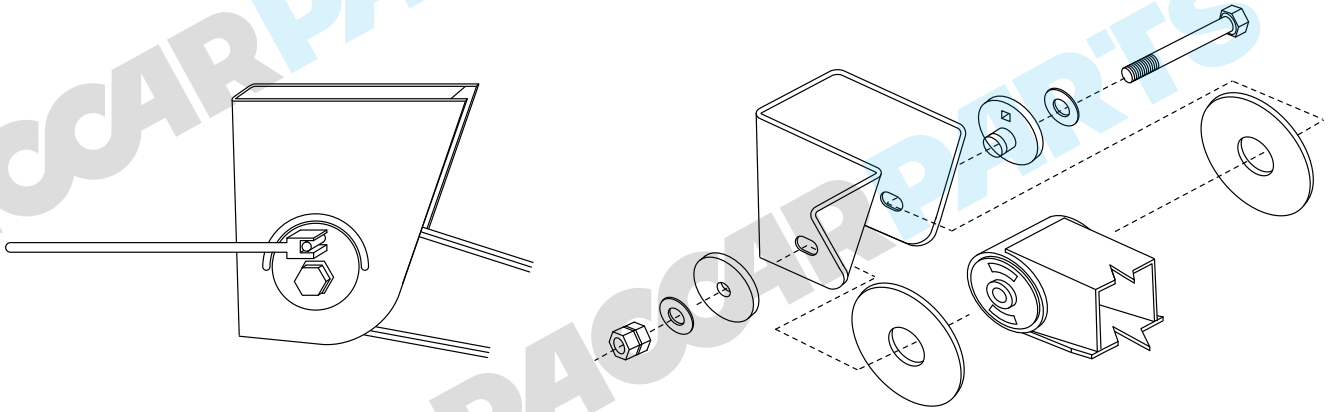
AIR BAG SUSPENSIONS
HENDRICKSON T15 / T17 SUSPENSIONS

T15 / T17 OVERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	B-3647-1	Trailing Arm - LHS	Left Hand Side	
1A	B-3647-2	Trailing Arm - RHS	Right Hand Side	
2	98734-101	Air spring		See Section 25 For Air Bag Information & Images
3	S-20886	Shock Absorber		See Sections 20.1 & 20.2 For Shock Absorber Information & Images
NI	A-13123L-8P	Shock Absorber Bush Kit		
4	B-11613-2P	Wear Pad		
5	S-3646	Pivot Bolt/Nut	1⅛"	
6	B-2770-2P	Alignment Collar	Non Quick Align Suspensions	
7	NLA	Torque Rite Nut	S-20930P is NLA	
8	C-21824	TRI-FUNCTIONAL™ Bush		
9	A-6914	TRI-FUNCTIONAL™ Bush Kit		

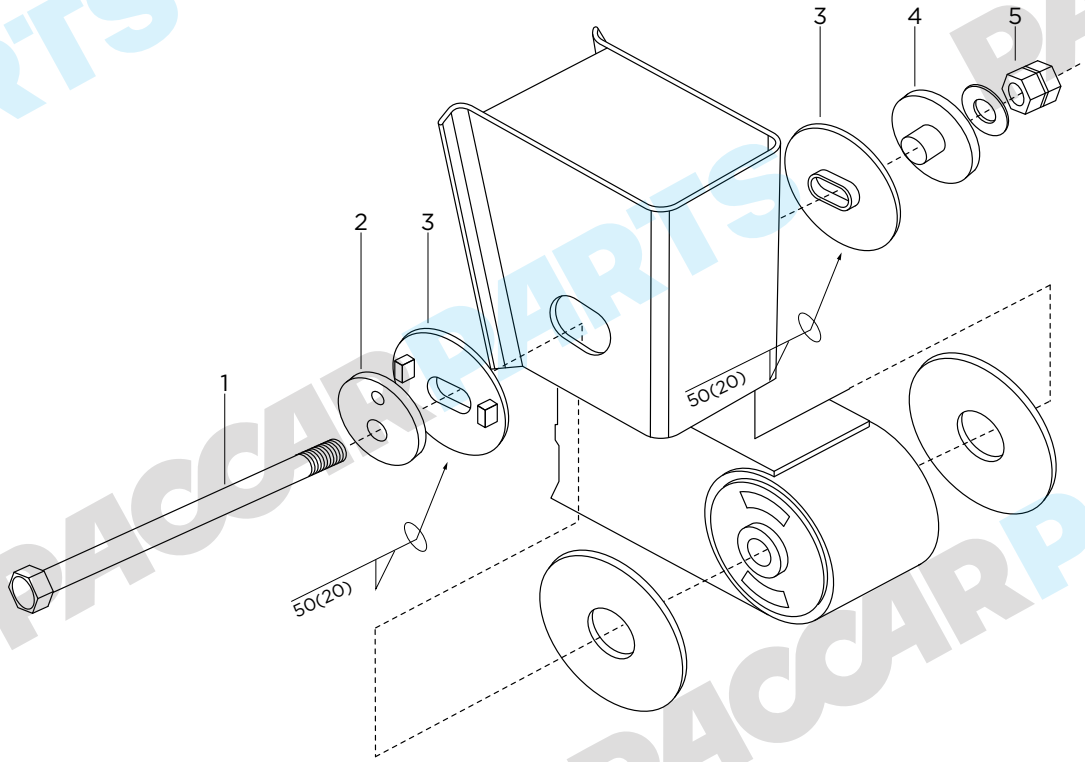
NLA - NO LONGER AVAILABLE | NI - NOT ILLUSTRATED

AIR BAG SUSPENSIONS
HENDRICKSON SUSPENSIONS

STANDARD QUICK ALIGN IDENTIFICATION



RETROFIT – QUICK ALIGN
COMPLETE ASSEMBLY AS SHOWN - PART NUMBER 98690-001



Notes

For further information contact your nearest authorised PACCAR Parts dealer.

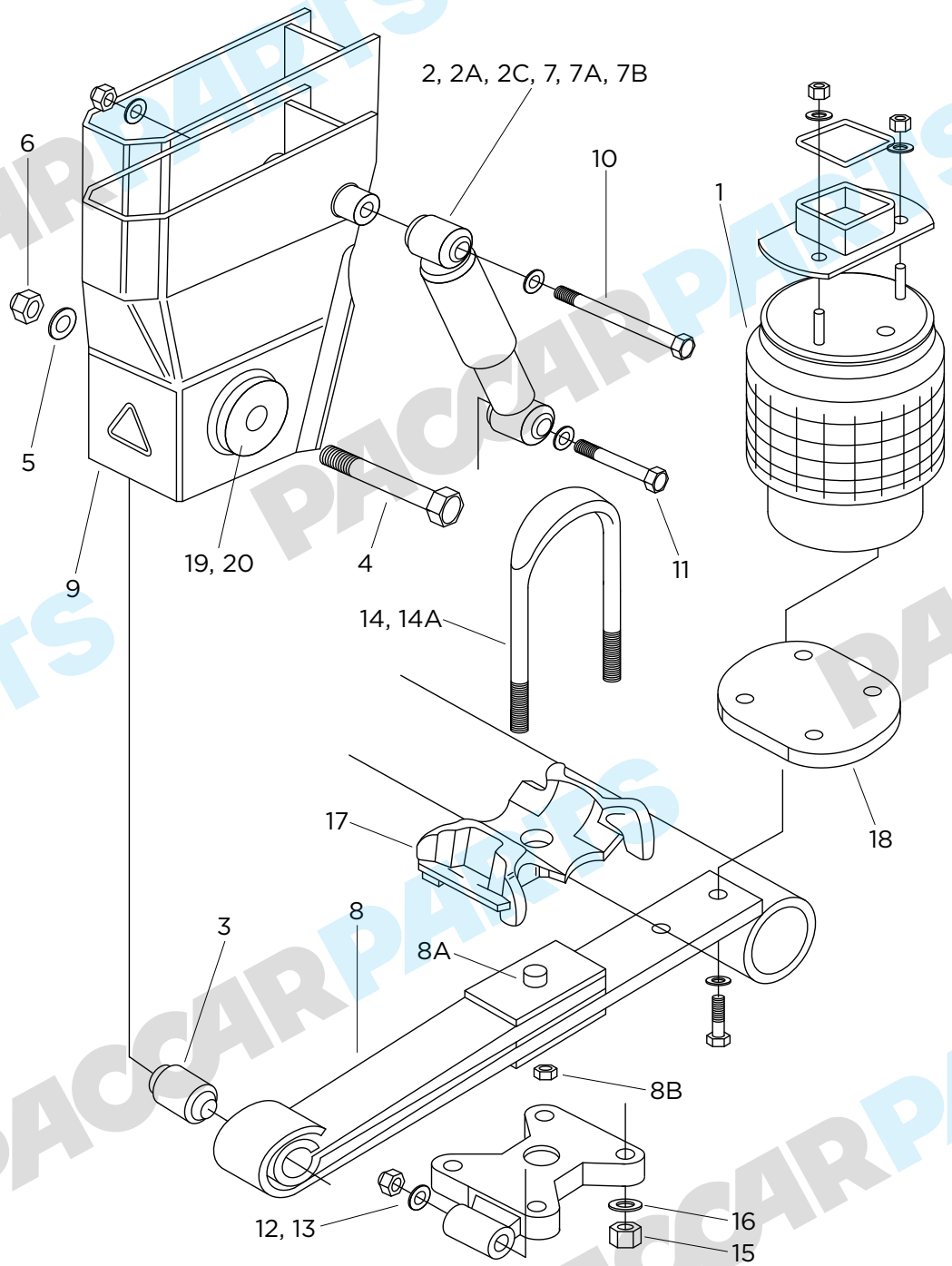
HENDRICKSON
The World Rides On Us®

AIR BAG SUSPENSIONS
HENDRICKSON SUSPENSIONS

QUICK ALIGN IDENTIFICATION & CONVERSION KIT			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
1	S-31623	Pivot Bolt/Nut	⅞" UNC
2	C-20925	Alignment Collar	Outer
3	NLA	Adaptor 98726-001 is NLA	USE Kit 98690-001
4	C-20924	Alignment Collar	Inner
5	NLA	Torque Rite Nut S-20930P is NLA	⅞" UNC USE Kit 98690-001
6	98690-001	Complete Assembly	

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
HOLLAND EURO SERIES SUSPENSIONS



Notes

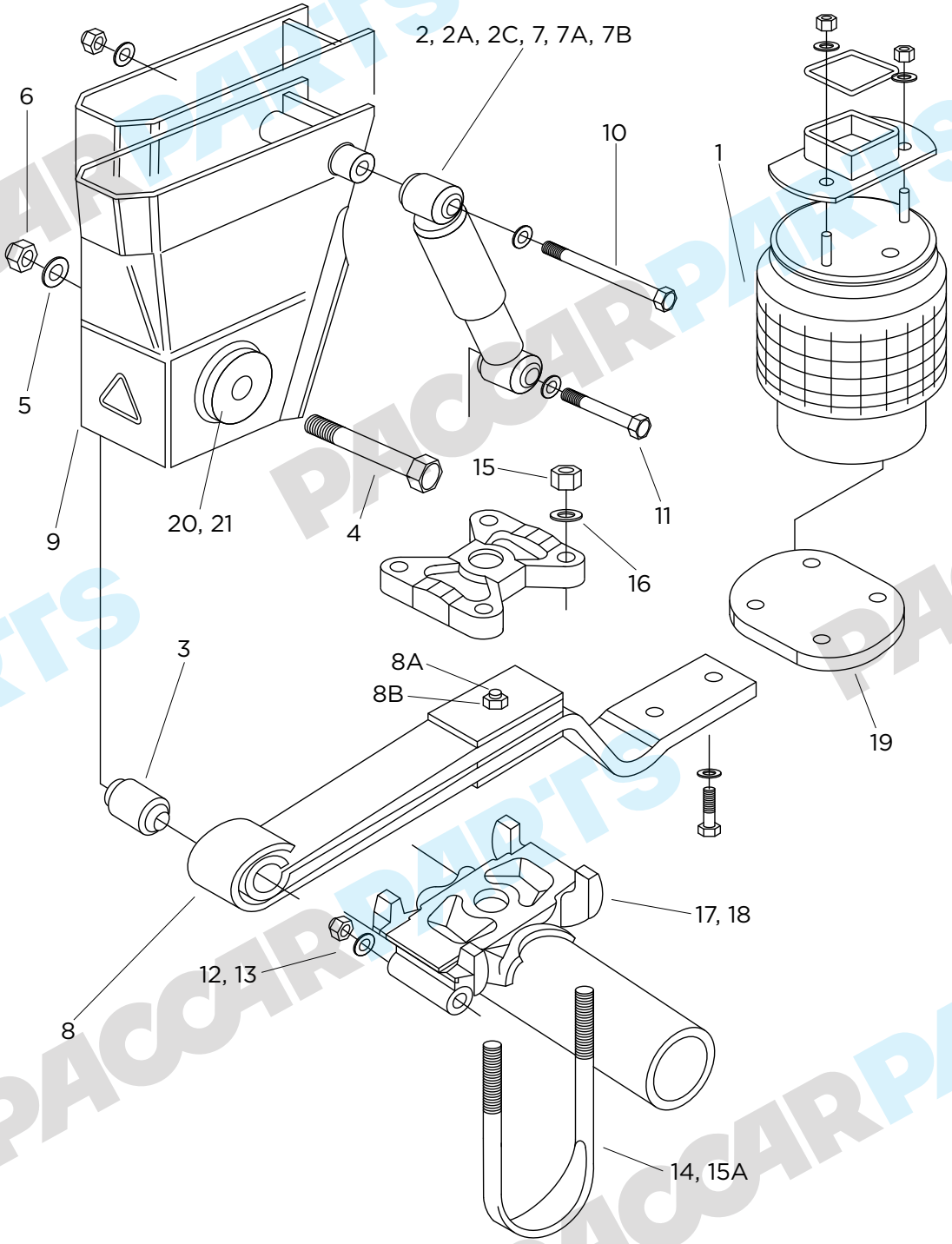
1. E510 210 mm - 360 mm Ride Height
2. Originally known as WEWELER Suspensions.
3. If hangers are required, the suspension ride height and actual overall hanger height must be specified. Holland will cut the hangers to suit.
4. BPW 0203169000 Steel Cased Pivot Bush can be used as a heavy duty alternative.
5. Spring Beams are supplied complete with Bush WC234264

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
HOLLAND EURO SERIES SUSPENSIONS

E510 UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	TRP21221307	Air Spring	1R11-111	See Section 19 For Air Bags
2	T03-2501192	Shock Absorber	OEM 20 mm	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	91-2227	Shock Absorber	KONI 20 mm	
2B	123840	Shock Absorber	Sachs 20 mm	
2C	912400	Shock Absorber	KONI 24 mm	
3	WC234264	Pivot Bush	See Note 4	
4	T03-2501226	Pivot Bolt	M27 Thread X 218 mm	
5	T03-2501227	Pivot Bolt Washer		
6	T03-2501228	Pivot Bolt Nut		
7	T03-2501193	Shock Absorber Bush	OEM 20 mm	
7A	T03-4004	Shock Absorber Bush	KONI 20 mm	
7B	7052-25-2671	Shock Absorber Bush	KONI 24 mm	
8	T03-2501188	Spring Beam	Straight See Note 5	
8A	T03-2501190	Centre Bolt		
8B	T03-2501238	Nut-Centre Bolt		
9	T03-2501196	Hanger	See Note 3	
10	T03-2501250	Shock Absorber Bolt	20 mm X 2.0 X 240 mm	
11	T03-2501249	Shock Absorber Bolt	20 mm X 2.0 X 170 mm	
12	T03-2501234	Shock Absorber Bolt - Nut		
13	T03-2501233	Shock Absorber Bolt - Washer		
14	T03-2501236	U-Bolt	295 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
14A	T03-2501235	U-Bolt	343 mm	
15	T03-2501213	U-Bolt Nut		
16	0254012507	U-Bolt Washer		
17	T03-2501215	Axle Seat		
18	T03-2501047	Air Spring Pedestal		
19	T03-2501316	Outer Boss		
20	T03-2501318	Inner Boss		

AIR BAG SUSPENSIONS
HOLLAND EURO SERIES SUSPENSIONS



Notes

1. E520 or AC5209T 370 mm - 445 mm Ride Height
2. Originally known as WEWELER Suspensions.
3. If hangers are required, the suspension ride height and actual overall hanger height must be specified. Holland will cut the hangers to suit.
4. BPW 0203169000 Steel Cased Pivot Bush can be used as a heavy duty alternative.
5. Spring Beams are supplied complete with Bush WC234264

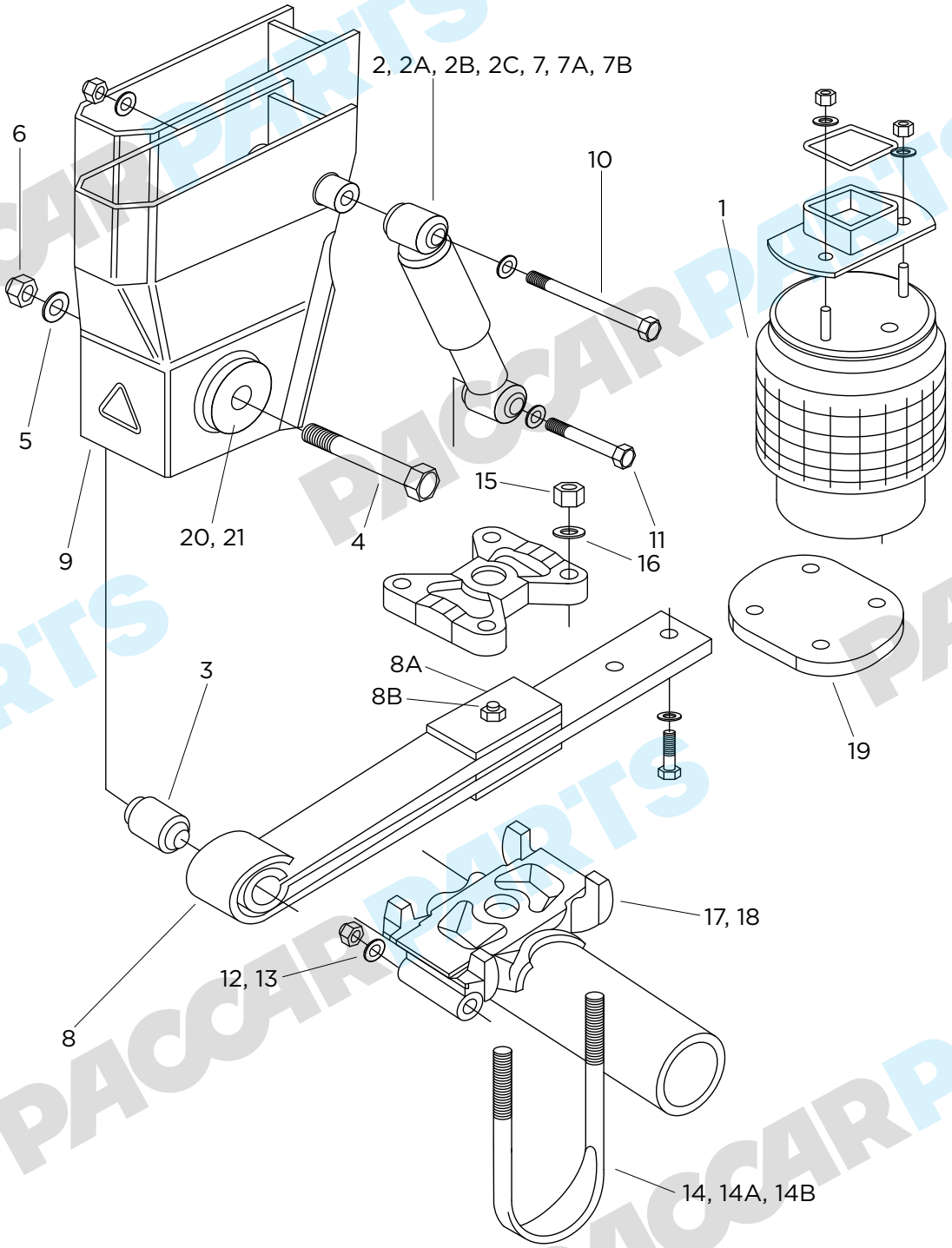
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
HOLLAND EURO SERIES SUSPENSIONS

E520 / AC5209T OVERSLUNG SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	TRP21221307	Air Spring	1R11-111	See Section 19 For Air Bags
2	T03-2501192	Shock Absorber	OEM 20 mm	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	91-2227	Shock Absorber	KONI 20 mm	
2B	123840	Shock Absorber	Sachs 20 mm	
2C	912400	Shock Absorber	KONI 24 mm	
3	WC234264	Pivot Bush	See Note 4	
4	T03-2501226	Pivot Bolt	M27 Thread X 218 mm	
5	T03-2501227	Pivot Bolt Washer		
6	T03-2501228	Pivot Bolt Nut		
7	T03-2501193	Shock Absorber Bush	OEM 20 mm	
7A	T03-4004	Shock Absorber Bush	KONI 20 mm	
7B	7052-25-2671	Shock Absorber Bush	KONI 24 mm	
8	T03-2501187	Spring Beam	Cranked See Note 5	
	WF001A037GE75	Spring Beam	Cranked Alternative Option See Note 5	
8A	T03-2501190	Centre Bolt		
8B	T03-2501238	Nut-Centre Bolt		
9	T03-2501195	Hanger	See Note 1	
10	T03-2501250	Shock Absorber Bolt	20 mm X 2.0 X 240 mm	
11	T03-2501249	Shock Absorber Bolt	20 mm X 2.0 X 170 mm	
12	T03-2501234	Shock Absorber Bolt - Nut		
13	T03-2501233	Shock Absorber Bolt - Washer		
14	T03-2501236	U-Bolt	295 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
15	T03-2501213	U-Bolt Nut		
15A	T03-2501235	U-Bolt	343 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
16	0254012507	U-Bolt Washer		
17	T03-2501216	Axle Seat	Right Hand	
18	T03-2501217	Axle Seat	Left Hand	
19	T03-2501047	Air Spring Pedestal		
20	T03-2501316	Outer Boss		
21	T03-2501318	Inner Boss		

AIR BAG SUSPENSIONS
HOLLAND EURO SERIES SUSPENSIONS



Notes

1. E530 470 mm - 570 mm Ride Height
2. Originally known as WEWELER Suspensions.
3. If hangers are required, the suspension ride height and actual overall hanger height must be specified. Holland will cut the hangers to suit.
4. BPW 0203169000 Steel Cased Pivot Bush can be used as a heavy duty alternative.
5. Spring Beams are supplied complete with Bush WC234264

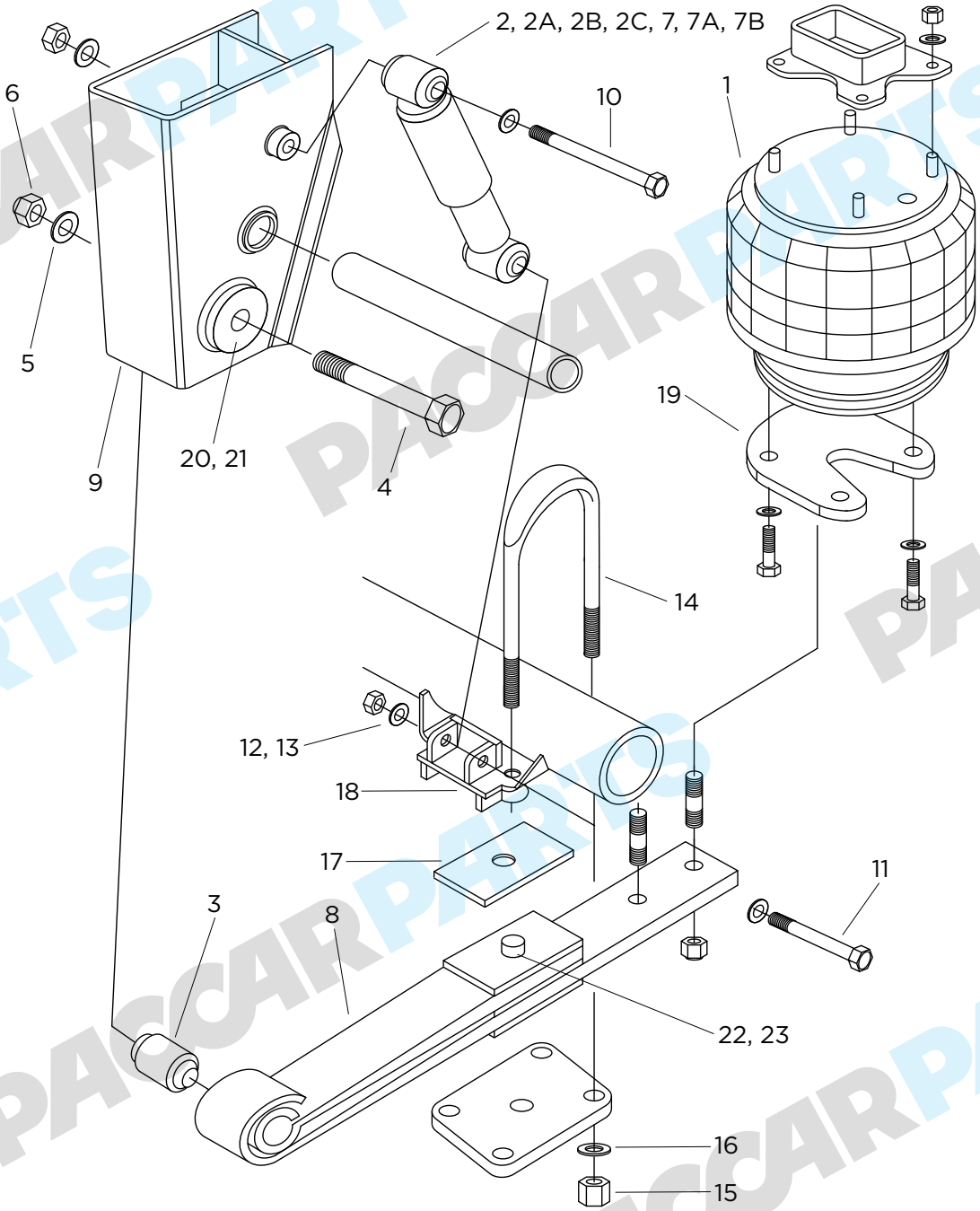
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
HOLLAND EURO SERIES SUSPENSIONS

E530 UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	TRP21221307	Air Spring	1R11-111	See Section 19 For Air Bags
2	T03-2501192	Shock Absorber	OEM 20 mm	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	91-2227	Shock Absorber	KONI 20 mm	
2B	123840	Shock Absorber	Sachs 20 mm	
2C	912400	Shock Absorber	KONI 24 mm	
3	WC234264	Pivot Bush	See Note 4	
4	T03-2501226	Pivot Bolt	M27 Thread X 218 mm	
5	T03-2501227	Pivot Bolt Washer		
6	T03-2501228	Pivot Bolt Nut		
7	T03-2501193	Shock Absorber Bush	OEM 20 mm	
7A	T03-4004	Shock Absorber Bush	KONI 20 mm	
7B	7052-25-2671	Shock Absorber Bush	KONI 24 mm	
8	T03-2501188	Spring Beam	Straight See Note 5	
8A	T03-2501190	Centre Bolt		
8B	T03-2501238	Nut-Centre Bolt		
9	T03-2501196	Hanger	See Note 3	
10	T03-2501250	Shock Absorber Bolt	20 mm X 2.0 X 240 mm	
11	T03-2501249	Shock Absorber Bolt	20 mm X 2.0 X 170 mm	
12	T03-2501234	Shock Absorber Bolt - Nut		
13	T03-2501133	Shock Absorber Bolt - Washer		
14	T03-2501213	U-Bolt Nut	M24	
14B	T03-2501235	U-Bolt	343 mm	
15	T03-2501213	U-Bolt Nut	M24	See Sections 22.1 & 22.2 For U-Bolt Information & Images
16	0254012507	U-Bolt Washer		
17	T03-2501216	Axle Seat	Right Hand	
18	T03-2501217	Axle Seat	Left Hand	
19	T03-2501047	Air Spring Pedestal		
20	T03-2501316	Outer Boss		
21	T03-2501318	Inner Boss		

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
HOLLAND HD SERIES SUSPENSIONS



Notes

1. H041 250 mm - 465 mm Ride Height
2. Originally known as WEWELER Suspensions.
3. If hangers are required, the suspension ride height and actual overall hanger height must be specified. Holland will cut the hangers to suit.
4. BPW 0203169000 Steel Cased Pivot Bush can be used as a heavy duty alternative.
5. Spring Beams are supplied complete with Bush WC234264

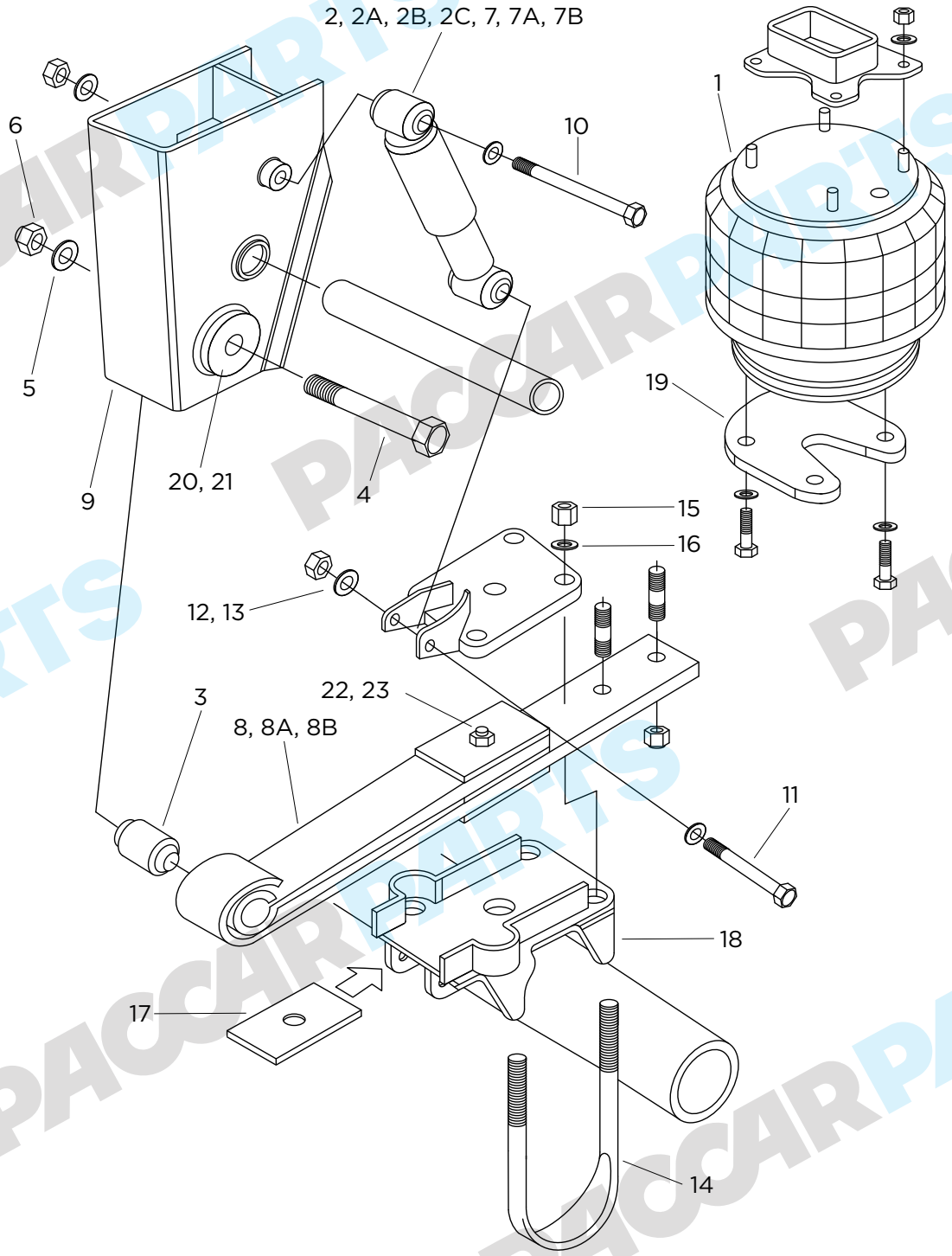
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
HOLLAND HD SERIES SUSPENSIONS

H041 UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	TRP8027	Air Spring		See Section 19 For Air Bags
2	T03-2501192	Shock Absorber	OEM 20 mm	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	91-2227	Shock Absorber	KONI 20 mm	
2B	123840	Shock Absorber	Sachs 20 mm	
2C	91-2400	Shock Absorber	KONI 24 mm	
3	WC234264	Pivot Bush	See Note 4	
4	T03-2501226	Pivot Bolt	M27 Thread X 218 mm	
5	T03-2501227	Pivot Bolt Washer		
6	T03-2501228	Pivot Bolt Nut		
7	T03-2501193	Shock Absorber Bush	OEM 20 mm	
7A	T03-4004	Shock Absorber Bush	KONI 20 mm	
7B	7052-25-2671	Shock Absorber Bush	KONI 24 mm	
8	T03-2501186	Spring Beam	See Note 5	
8A	T03-2501186M	Top Leaf	Small See Note 5	
8B	T03-2501186S	Lower Leaf	Large	
9	T03-2501194	Hanger	See Note 3	
10	T03-2501249	Shock Absorber Bolt	20 mm X 2.0 X 170 mm	
11	T03-2501231	Shock Absorber Bolt	20 mm X 2.0 X 115 mm	
12	T03-2501234	Shock Absorber Bolt - Nut		
13	T03-2501133	Shock Absorber Bolt - Washer		
14	T03-2501211	U-Bolt	310 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
15	T03-2501213	U-Bolt Nut		
16	0254012507	U-Bolt Washer		
17	T03-2501225	Spacer		
18	2501258	Axle Seat		
19	T03-2501205	Air Spring Support		
20	T03-2501316	Outer Boss		
21	T03-2501318	Inner Boss		
22	T03-2501190	Centre Bolt		
23	T03-2501238	Centre Bolt Nut		

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
HOLLAND HD SERIES SUSPENSIONS



Notes

1. H042 495 mm - 620 mm Ride Height
2. Originally known as WEWELER Suspensions.
3. If hangers are required, the suspension ride height and actual overall hanger height must be specified. Holland will cut the hangers to suit.
4. BPW 0203169000 Steel Cased Pivot Bush can be used as a heavy duty alternative.
5. Spring Beams are supplied complete with Bush WC234264

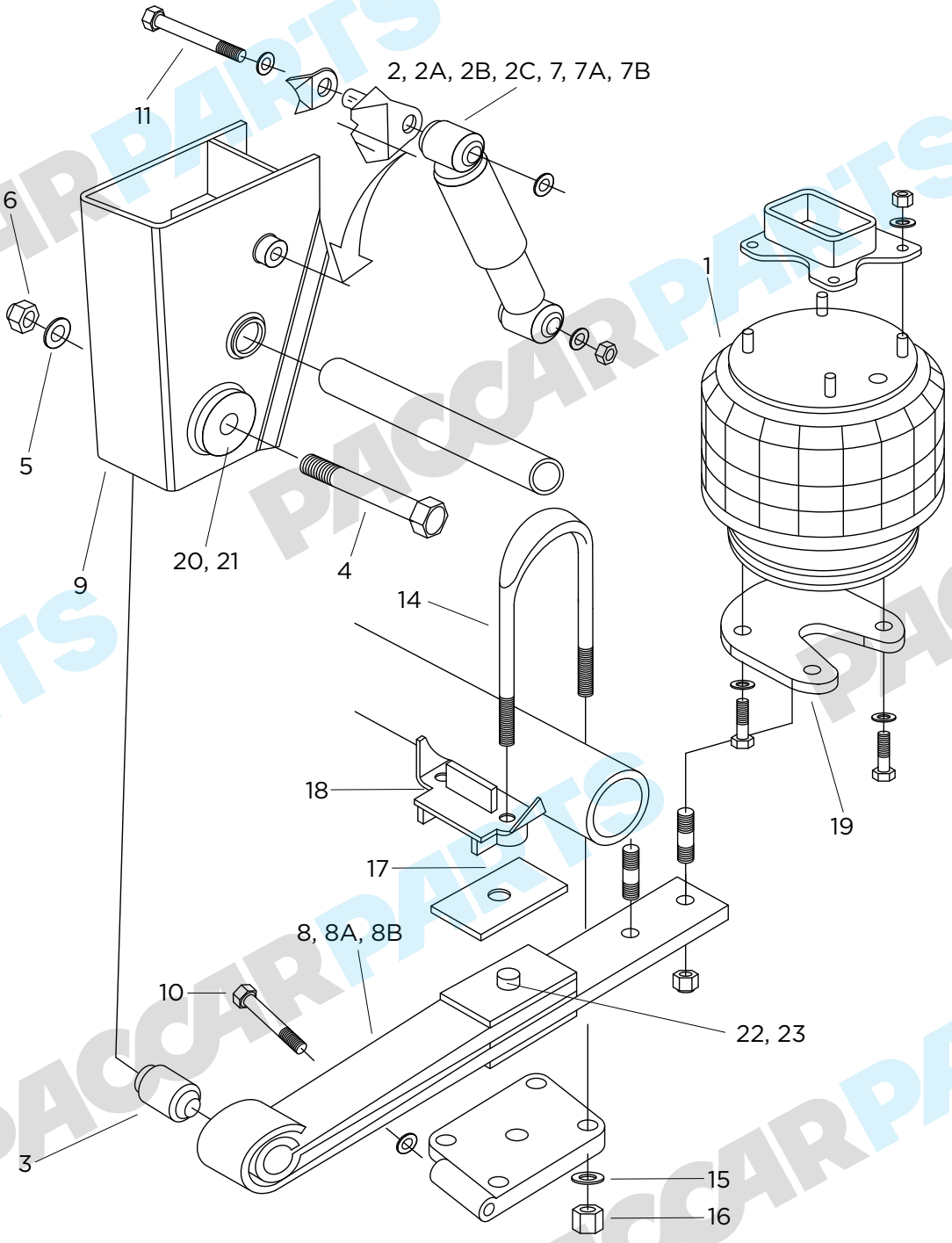
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
HOLLAND HD SERIES SUSPENSIONS

H042 UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	TRP8027	Air Spring		See Section 19 For Air Bags
2	T03-2501192	Shock Absorber	OEM 20 mm	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	91-2227	Shock Absorber	KONI 20 mm	
2B	123840	Shock Absorber	Sachs 20 mm	
2C	912400	Shock Absorber	KONI 24 mm	
3	WC234264	Pivot Bush	See Note 4	
4	T03-2501226	Pivot Bolt	M27 Thread X 218 mm	
5	T03-2501227	Pivot Bolt Washer		
6	T03-2501228	Pivot Bolt Nut		
7	T03-2501193	Shock Absorber Bush	OEM 20 mm	
7A	T03-4004	Shock Absorber Bush	KONI 20 mm	
7B	7052-25-2671	Shock Absorber Bush	KONI 24 mm	
8	T03-2501186	Spring Beam	See Note 5	
8A	T03-2501186M	Top Leaf	Small See Note 5	
8B	T03-2501186S	Lower Leaf	Large	
9	T03-2501194	Hanger	See Note 3	
10	T03-2501249	Shock Absorber Bolt	20 mm X 2.0 X 170 mm	
11	T03-2501231	Shock Absorber Bolt	20 mm X 2.0 X 115 mm	
12	T03-2501234	Shock Absorber Bolt - Nut		
13	T03-2501133	Shock Absorber Bolt - Washer		
14	T03-2501211	U-Bolt	310 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
15	T03-2501213	U-Bolt Nut		
16	0254012507	U-Bolt Washer		
17	T03-2501225	Spacer		
18	T03-2501215	Axle Seat		
19	T03-2501205	Air Spring Support		
20	T03-2501316	Outer Boss		
21	T03-2501318	Inner Boss		
22	T03-2501190	Centre Bolt		
23	T03-2501238	Centre Bolt Nut		

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
HOLLAND HD SERIES SUSPENSIONS



Notes

1. H134 250 mm - 465 mm Ride Height
2. Originally known as WEWELER Suspensions.
3. If hangers are required, the suspension ride height and actual overall hanger height must be specified. Holland will cut the hangers to suit.
4. BPW 0203169000 Steel Cased Pivot Bush can be used as a heavy duty alternative.
5. Spring Beams are supplied complete with Bush WC234264

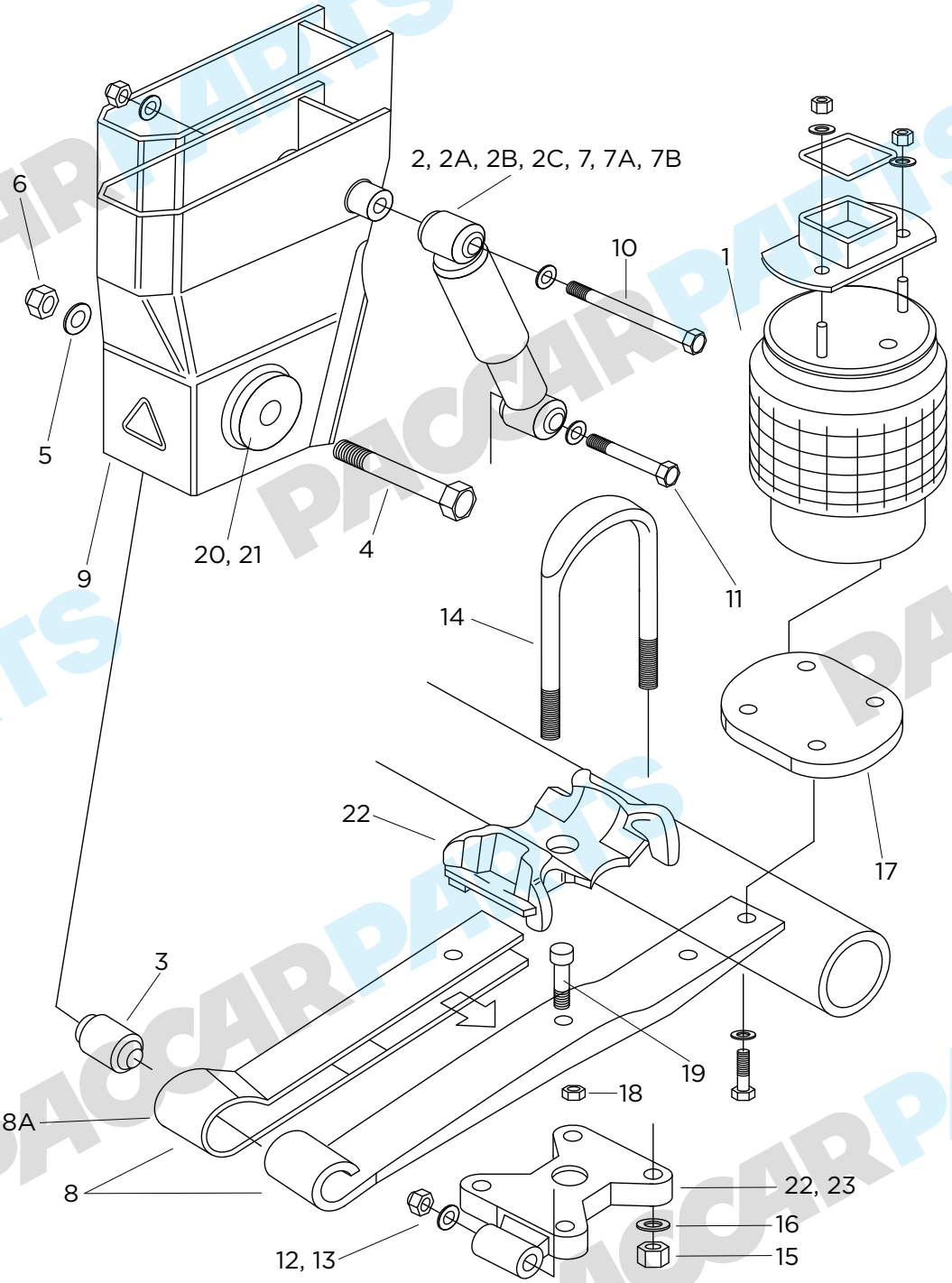
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
HOLLAND HD SERIES SUSPENSIONS

H134 UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	TRP8027	Air Spring		See Section 19 For Air Bags
2	T03-2501192	Shock Absorber	OEM 20 mm	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	91-2227	Shock Absorber	KONI 20 mm	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2B	123840	Shock Absorber	Sachs 20 mm	
2C	912400	Shock Absorber	KONI 24 mm	
3	WC234264	Pivot Bush	See Note 4	
4	T03-2501226	Pivot Bolt	M27 Thread X 218 mm	
5	T03-2501227	Pivot Bolt Washer		
6	T03-2501228	Pivot Bolt Nut		
7	T03-2501193	Shock Absorber Bush	OEM 20 mm	
7A	T03-4004	Shock Absorber Bush	KONI 20 mm	
7B	7052-25-2671	Shock Absorber Bush	KONI 24 mm	
8	T03-2501186	Spring Beam	See Note 5	
8A	T03-2501186M	Top Leaf	Small See Note 5	
8B	T03-2501186S	Lower Leaf	Large	
9	T03-2501194	Hanger	See Note 3	
10	T03-2501249	Shock Absorber Bolt	20 mm X 2.0 X 170 mm	
11	T03-2501232	Shock Absorber Bolt	20 mm X 2.0 X 220 mm	
12	T03-2501234	Shock Absorber Bolt - Nut		
13	T03-2501133	Shock Absorber Bolt - Washer		
14	T03-2501211	U-Bolt	310 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
15	T03-2501213	U-Bolt Nut		
16	0254012507	U-Bolt Washer		
17	T03-2501225	Spacer		
18	T03-2501215	Axle Seat		
19	T03-2501205	Air Spring Support		
20	T03-2501316	Outer Boss		
21	T03-2501318	Inner Boss		
22	T03-2501190	Centre Bolt		
23	T03-2501238	Centre Bolt Nut		

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
HOLLAND ULTRA LITE SERIES SUSPENSIONS



Notes

1. U514 235 mm - 360 mm Ride Height
2. Originally known as WEWELER Suspensions.
3. If hangers are required, the suspension ride height and actual overall hanger height must be specified. Holland will cut the hangers to suit.
4. BPW 0203169000 Steel Cased Pivot Bush can be used as a heavy duty alternative.
5. Spring Beams are supplied complete with Bush WC234264

For further information contact your nearest authorised PACCAR Parts dealer.

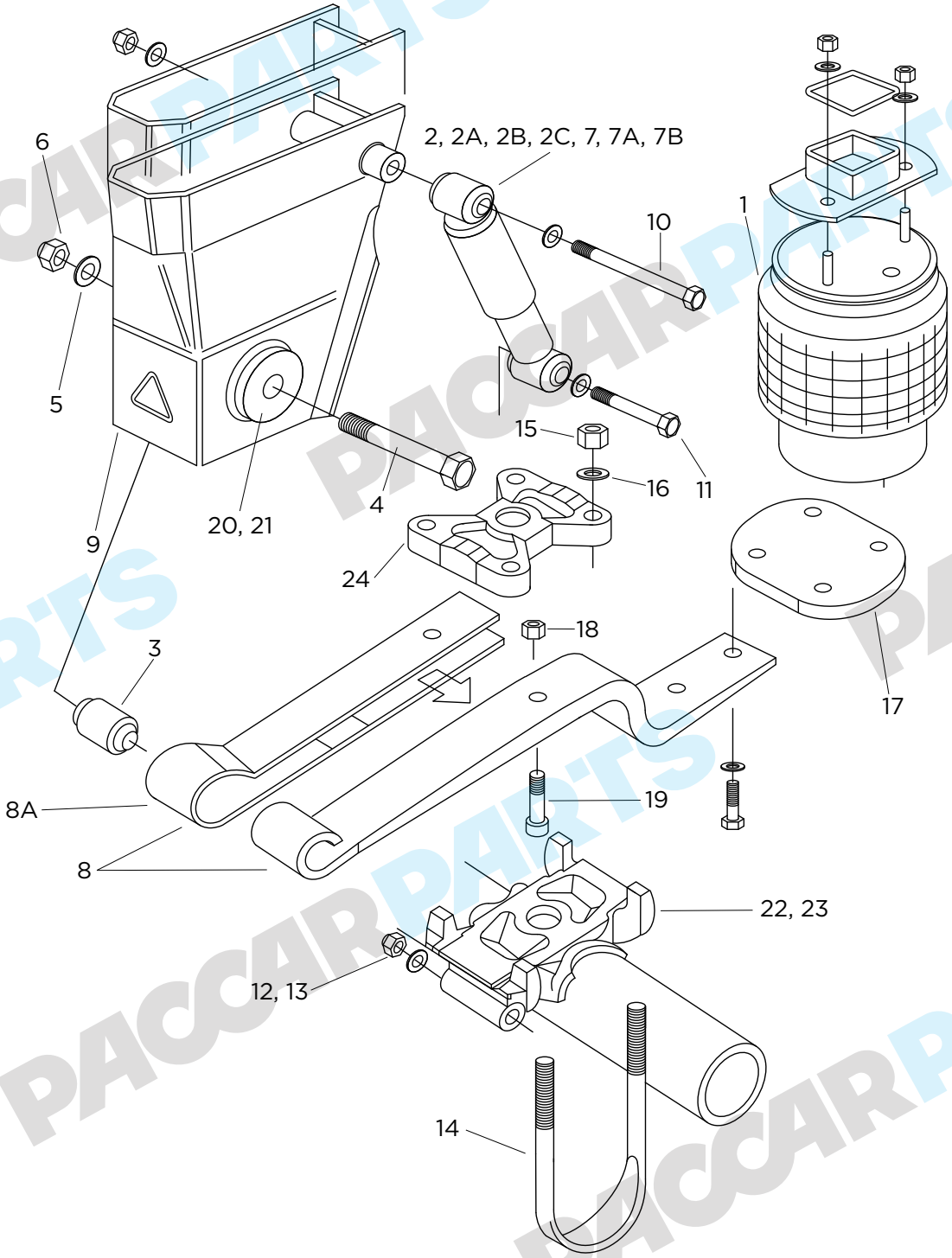
AIR BAG SUSPENSIONS
HOLLAND ULTRA LITE SERIES SUSPENSIONS

U514 UNDERSLUNG SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	TRP21221307	Air Spring	1R11-111	See Section 19 For Air Bags
2	T03-2501192	Shock Absorber	OEM 20 mm	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	91-2227	Shock Absorber	KONI 20 mm	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2B	123840	Shock Absorber	Sachs 20 mm	
2C	912400	Shock Absorber	KONI 24 mm	
3	WC234264	Pivot Bush	See Note 4	
4	T03-2501226	Pivot Bolt	M27 Thread X 218 mm	
5	T03-2501227	Pivot Bolt Washer		
6	T03-2501228	Pivot Bolt Nut		
7	T03-2501193	Shock Absorber Bush	OEM 20 mm	
7A	T03-4004	Shock Absorber Bush	KONI 20 mm	
7B	7052-25-2671	Shock Absorber Bush	KONI 24 mm	
8	WF001A437HG75	Spring Beam	Straight See Note 4, 5	
8A	T03-2501107	Safety Wrap - Spring Beam		
9	T03-2501196	Hanger	See Note 3	
10	T03-2501250	Shock Absorber Bolt	20 mm X 2.0 X 240 mm	
11	T03-2501249	Shock Absorber Bolt	20 mm X 2.0 X 170 mm	
12	T03-2501234	Shock Absorber Bolt - Nut		
13	T03-2501233	Shock Absorber Bolt - Washer		
14	T03-2501236	U-Bolt	295 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
15	T03-2501213	U-Bolt Nut		
16	0254012507	U-Bolt Washer		
17	T03-2501047	Air Spring Pedestal	Lower Plate 65 mm Offset	
18	T03-2501238	Centre Bolt Nut	Suits T03-2501190	
19	T03-2501471	Spring Centre Pin		
20	T03-2501316	Outer Boss		
21	T03-2501318	Inner Boss		
22	T03-2501215	Axle Seat		
23	2501237	Plate- U-Bolt	Left	
24	2501224	Plate- U-Bolt	Right	

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
HOLLAND ULTRA LITE SERIES SUSPENSIONS



Notes

1. U524 370 mm - 445 mm Ride Height
2. Originally known as WEWELER Suspensions.
3. If hangers are required, the suspension ride height and actual overall hanger height must be specified. Holland will cut the hangers to suit.
4. BPW 0203169000 Steel Cased Pivot Bush can be used as a heavy duty alternative.
5. Spring Beams are supplied complete with Bush WC234264

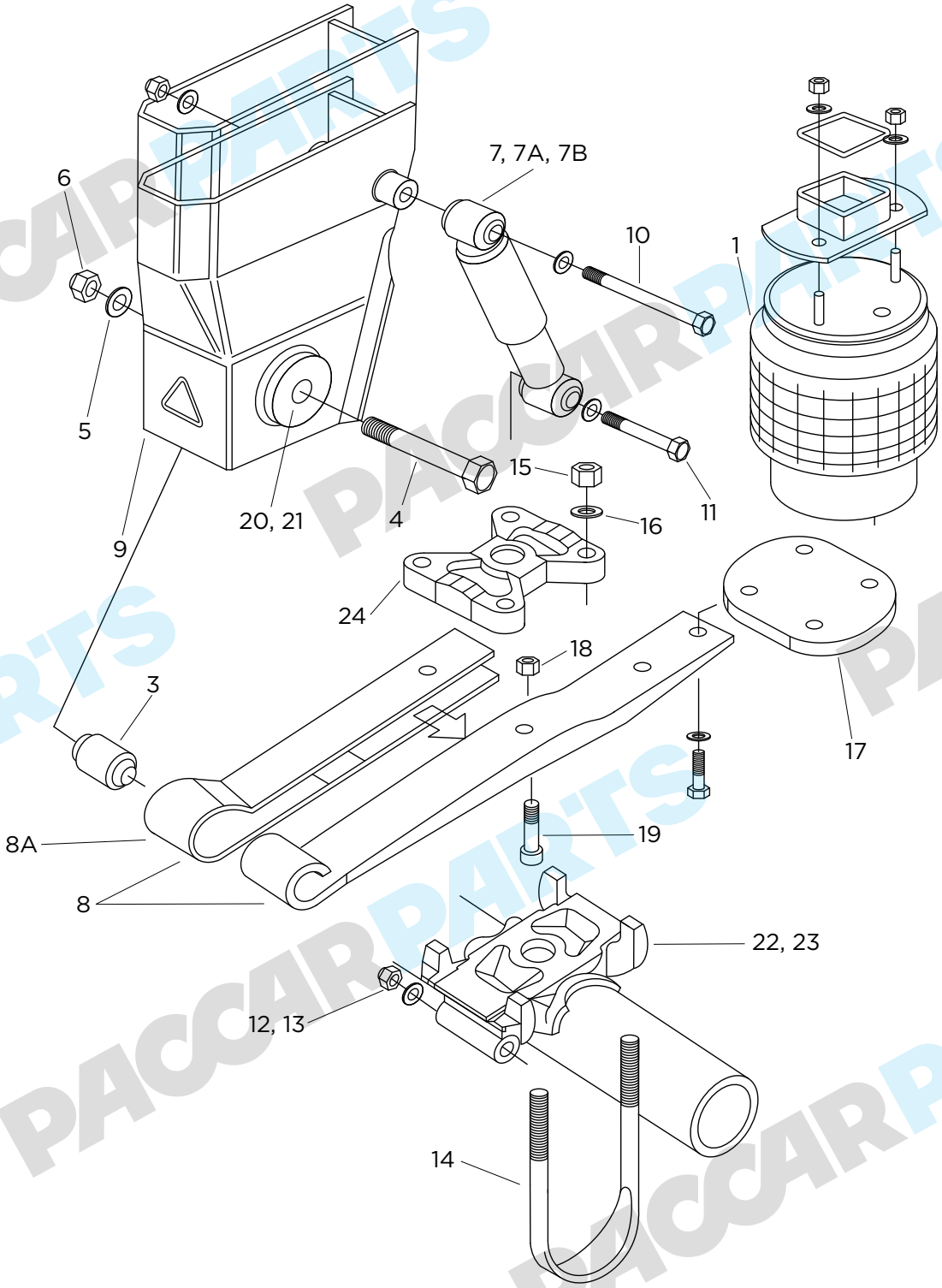
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
HOLLAND ULTRA LITE SERIES SUSPENSIONS

U524 UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	TRP21221307	Air Spring	1R11-111	See Section 19 For Air Bags
2	T03-2501192	Shock Absorber	OEM 20 mm	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	91-2227	Shock Absorber	KONI 20 mm	
2B	123840	Shock Absorber	Sachs 20 mm	
2C	912400	Shock Absorber	KONI 24 mm	
3	WC234264	Pivot Bush	See Note 4	
4	T03-2501226	Pivot Bolt	M27 Thread X 218 mm	
5	T03-2501227	Pivot Bolt Washer		
6	T03-2501228	Pivot Bolt Nut		
7	T03-2501193	Shock Absorber Bush	OEM 20 mm	
7A	T03-4004	Shock Absorber Bush	KONI 20 mm	
7B	7052-25-2671	Shock Absorber Bush	KONI 24 mm	
8	T03-2501177	Spring Beam	Cranked See Note 5	
8A	T03-2501107	Safety Wrap - Spring Beam		
9	T03-2501195	Hanger	See Note 3	
10	T03-2501250	Shock Absorber Bolt	20 mm X 2.0 X 240 mm	
11	T03-2501249	Shock Absorber Bolt	20 mm X 2.0 X 170 mm	
12	T03-2501234	Shock Absorber Bolt - Nut		
13	T03-2501233	Shock Absorber Bolt - Washer		
14	T03-2501236	U-Bolt	295 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
15	T03-2501213	U-Bolt Nut		
16	0254012507	U-Bolt Washer		
17	T03-2501047	Air Spring Pedestal	Lower Plate 65 mm Offset	
18	T03-2501238	Spring Centre Bolt Nut	Also Suits Centre Bolt T03-2501190	
19	T03-2501471	Spring Centre Bolt		
20	T03-2501316	Outer Boss		
21	T03-2501318	Inner Boss		
22	T03-2501216	Axle Seat	Right Hand	
23	T03-2501217	Axle Seat	Left Hand	
24	NLA	Plate U-Bolt	2501223 NLA	

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
HOLLAND ULTRA LITE SERIES SUSPENSIONS



Notes

1. U534 470 mm ULTRA - 570 mm Ride Height
2. Originally known as WEWELER Suspensions.
3. If hangers are required, the suspension ride height and actual overall hanger height must be specified. Holland will cut the hangers to suit.
4. BPW 0203169000 Steel Cased Pivot Bush can be used as a heavy duty alternative.
5. Spring Beams are supplied complete with bush WC234264

For further information contact your nearest authorised PACCAR Parts dealer.

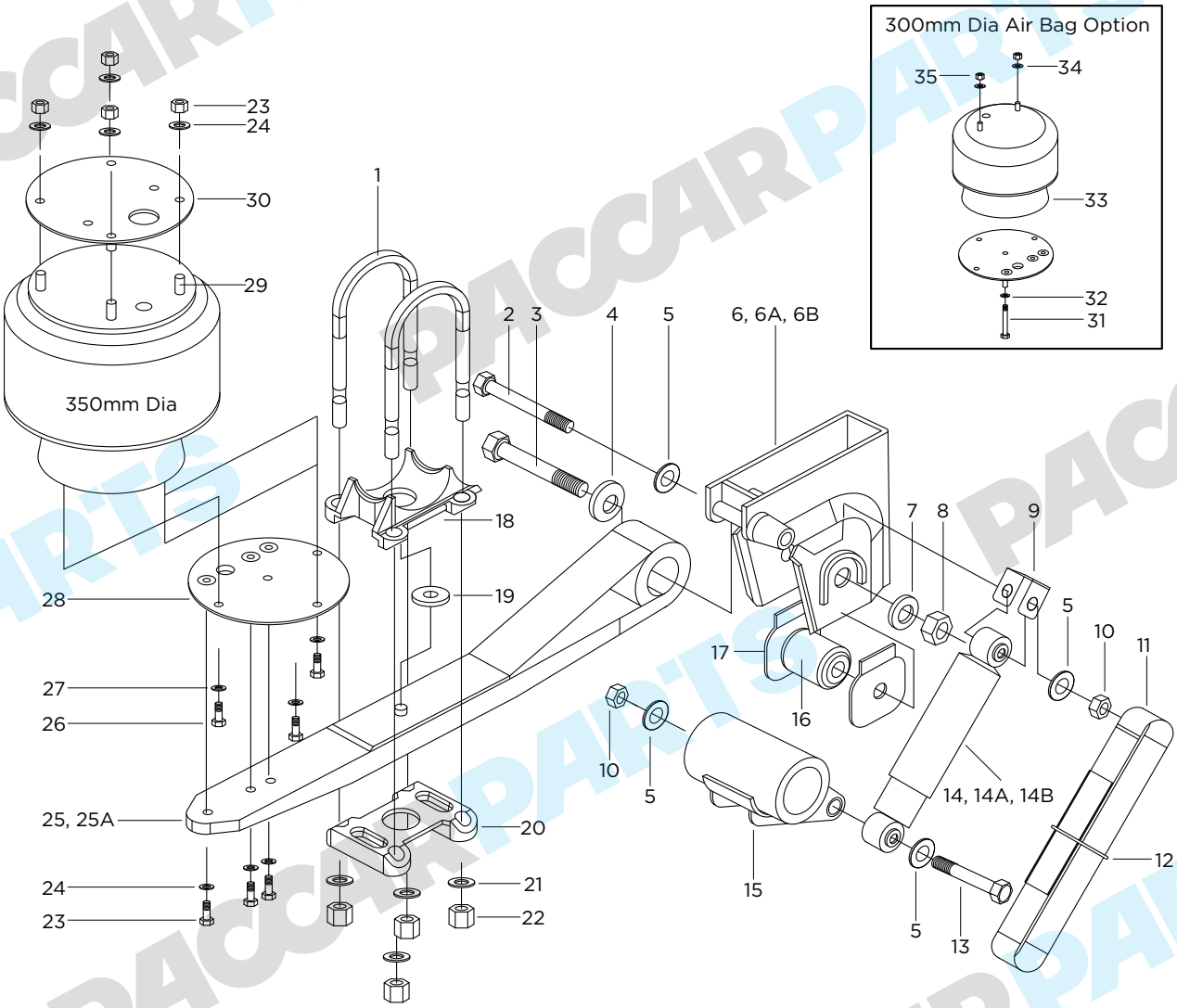
AIR BAG SUSPENSIONS
HOLLAND ULTRA LITE SERIES SUSPENSIONS

U534 UNDERSLUNG SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	TRP21221307	Air Spring		See Section 19 For Air Bags
2	T03-2501192	Shock Absorber	OEM 20 mm	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	91-2227	Shock Absorber	KONI 20 mm	
2B	123840	Shock Absorber	Sachs 20 mm	
2C	912400	Shock Absorber	KONI 24 mm	
3	WC234264	Pivot Bush	See Note 4	
4	T03-2501226	Pivot Bolt	M27 Thread X 218 mm	
5	T03-2501227	Pivot Bolt Washer		
6	T03-2501228	Pivot Bolt Nut		
7	T03-2501193	Shock Absorber Bush	OEM 20 mm	
7A	T03-4004	Shock Absorber Bush	KONI 20 mm	
7B	7052-25-2671	Shock Absorber Bush	KONI 24 mm	
8	WF001A437HG75		See Note 5	
8A	T03-2501107	Safety Strap - Spring Beam		
9	T03-2501196	Hanger	See Note 3	
10	T03-2501250	Shock Absorber Bolt	20 mm X 2.0 X 240 mm	
11	T03-2501249	Shock Absorber Bolt	20 mm X 2.0 X 170 mm	
12	T03-2501234	Shock Absorber Bolt - Nut		
13	T03-2501233	Shock Absorber Bolt - Washer		
14	T03-2501236	U-Bolt	295 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
15	T03-2501213	U-Bolt Nut		
16	0254012507	U-Bolt Washer		
17	T03-2501047	Air Spring Pedestal	Lower Plate 65 mm Offset	
18	T03-2501238	Spring Centre Bolt Nut		
19	T03-2501471	Spring Centre Bolt		
20	T03-2501316	Outer Boss		
21	T03-2501318	Inner Boss		
22	T03-2501216	Axle Seat	Right Hand	
23	T03-2501217	Axle Seat	Left Hand	
24	NLA	Plate U-Bolt	2501223 NLA	

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
FUWA K-HITCH SUSPENSIONS



Notes

1. 210, 250 mm Ride Height
2. Part Number shown for reference only. Refer to PACCAR Parts or Fuwa K-Hitch for further options.

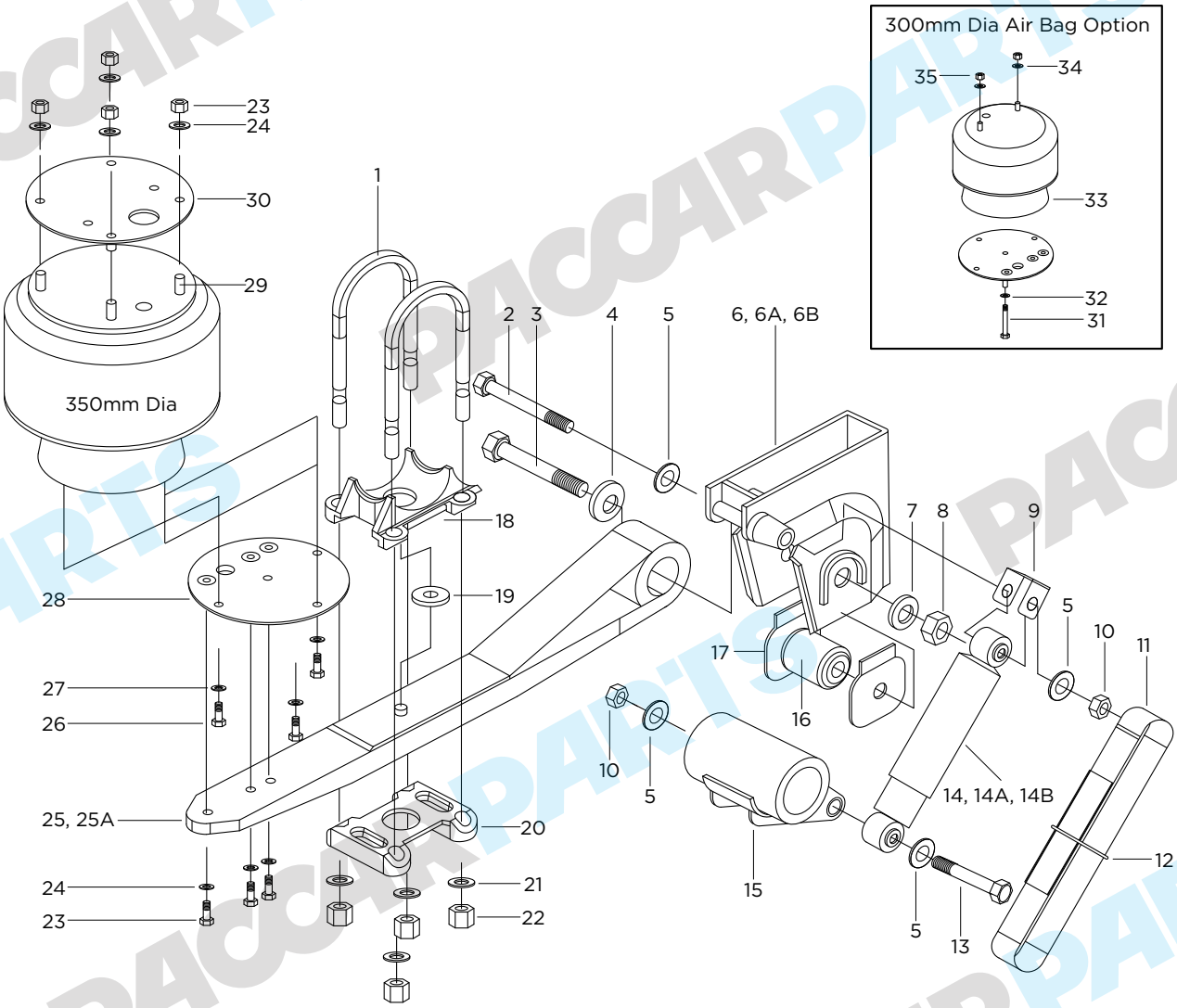
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
FUWA K-HITCH SUSPENSIONS

K RIDE UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	NLA	U-Bolt	M24 KHAS029 NLA	See Sections 22.1 & 22.2 For U-Bolt Information & Images
2	NLA	Bolt	M24 x 250 mm Long T03-0535 NLA	
3	NLA	Bolt	M30 X 190 mm Grade 10.9 KHAS017 NLA	
4	KHAS047-1	Eccentric Washer		
5	NLA	Washer	M24 High Tensile KHAS010 NLA	
6	KHAS033405F	Hanger Assembly	C/S 210 mm Ride Height KHAS033405F NA See Note 2	
6A	KHAS033405FDS	Hanger Assembly	D/S 210 mm Ride Height KHAS033405FDS NA See Note 2	
6B	KHAS050250F	Hanger Assembly	240 mm Ride Height KHAS050250F NA See Note 2"	
7	KHAS057	Washer - Alignment		
8	KHAS015	Cone Nut	M30 x 3.5	
9	KHAS058BKT	Bracket – Catch Strap		
10	NLA	Nut	Nyloc M24 T03-5522 NLA	
11	NLA	Shock Absorber Limiting Strap	KHAS058-520 NLA	
12	KH337	O-Ring – Catch Strap	KH337 NA See Note 2	
13	KHAS009	Bolt	M24 x 140 mm Long Bolt KHAS009 NA See Note 2	
14	KHAS075	Shock Absorber		See Sections 20.1 & 20.2 For Shock Absorber Information & Images
14A	912400	Shock Absorber	KONI Alternative	
14B	7052-25-2671	Shock Absorber Bush	2 per Shock Absorber	
15	KHAS041	Lower Shock Absorber Mount		
16	NLA	Bush – Spring Eye	KHAS020 NLA	
17	KHAS054-1	Washer - Wear	KHAS054-1 NA See Note 2	
18	KHAS034	Pad – Axle		
19	KHAS043	Washer – Location		
20	KHAS036-2	Plate – Clamp		
21	KHAS011-W	Washer	7/8" Flat Washer KHAS011-W NA See Note 2	
22	NLA	Nut	7/8" UNF Nyloc KHAS011-1 NLA	

NLA — NO LONGER AVAILABLE | NA — NOT AVAILABLE

AIR BAG SUSPENSIONS
FUWA K-HITCH SUSPENSIONS



Notes

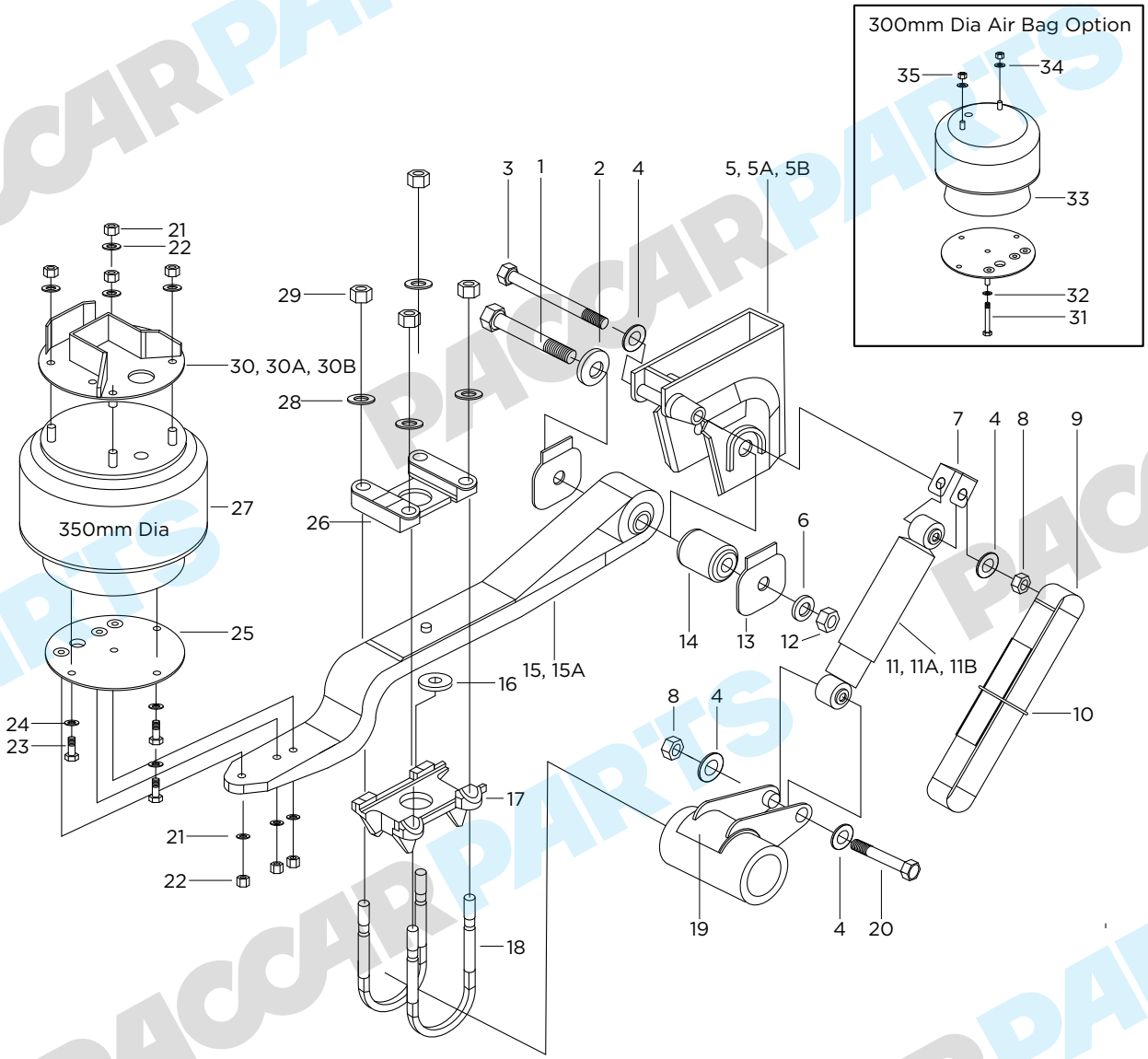
1. 210, 250 mm Ride Height
2. Part Number shown for reference only. Refer to PACCAR Parts or Fuwa K-Hitch for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
FUWA K-HITCH SUSPENSIONS

K RIDE UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
23	KHAS018	Nut	M12 Nyloc KHAS018 NA See Note 2	
24	NA	Washer	M12 Flat Washer M12 X 28 mm Diameter X 3 mm Thick See Note 2	
25	KHAS025	Spring Assembly	KHAS025 NA See Note 2	
25A	KHAS028	Wrapper Spring		
26	NA	Bolt	M12 X 30 mm Long X 1.75 See Note 2	
27	NA	Washer	M12 Spring Washer M12 X 4 mm X 2.5 mm See Note 2	
28	KHAS039AL	Plate	Mount Air Bag left Hand KHAS039AL NA See Note 2	
28	KHAS039AR	Plate	Mount Air Bag Right Hand KHAS039AR NA See Note 2	
29	KHAS-11-070	Air Bag	350 mm Diameter	See Section 19 For Air Bags
30	KHAS046	Plate	Top Airbag KHAS046 NA See Note 2	
31	M12X110X1.75	Bolt - M12 X 110 mm Long	See Note 2	
32	M12X4X2.5	Washer – Spring M12	See Note 2	
33	KHAS-9-080	Air Bag	300 mm Diameter	See Section 19 For Air Bags
34	NA	Washer	M12 Flat Washer M12 X 28 mm Diameter X 3 mm Thick See Note 2	
35	KHAS018	Nut	M12 Nyloc KHAS018 NA See Note 2	

AIR BAG SUSPENSIONS
FUWA K-HITCH SUSPENSIONS



Notes

1. 380 mm, 400 mm, 430 mm Ride Height
2. Part Number shown for reference only. Refer to PACCAR Parts or Fuwa K-Hitch for further options.

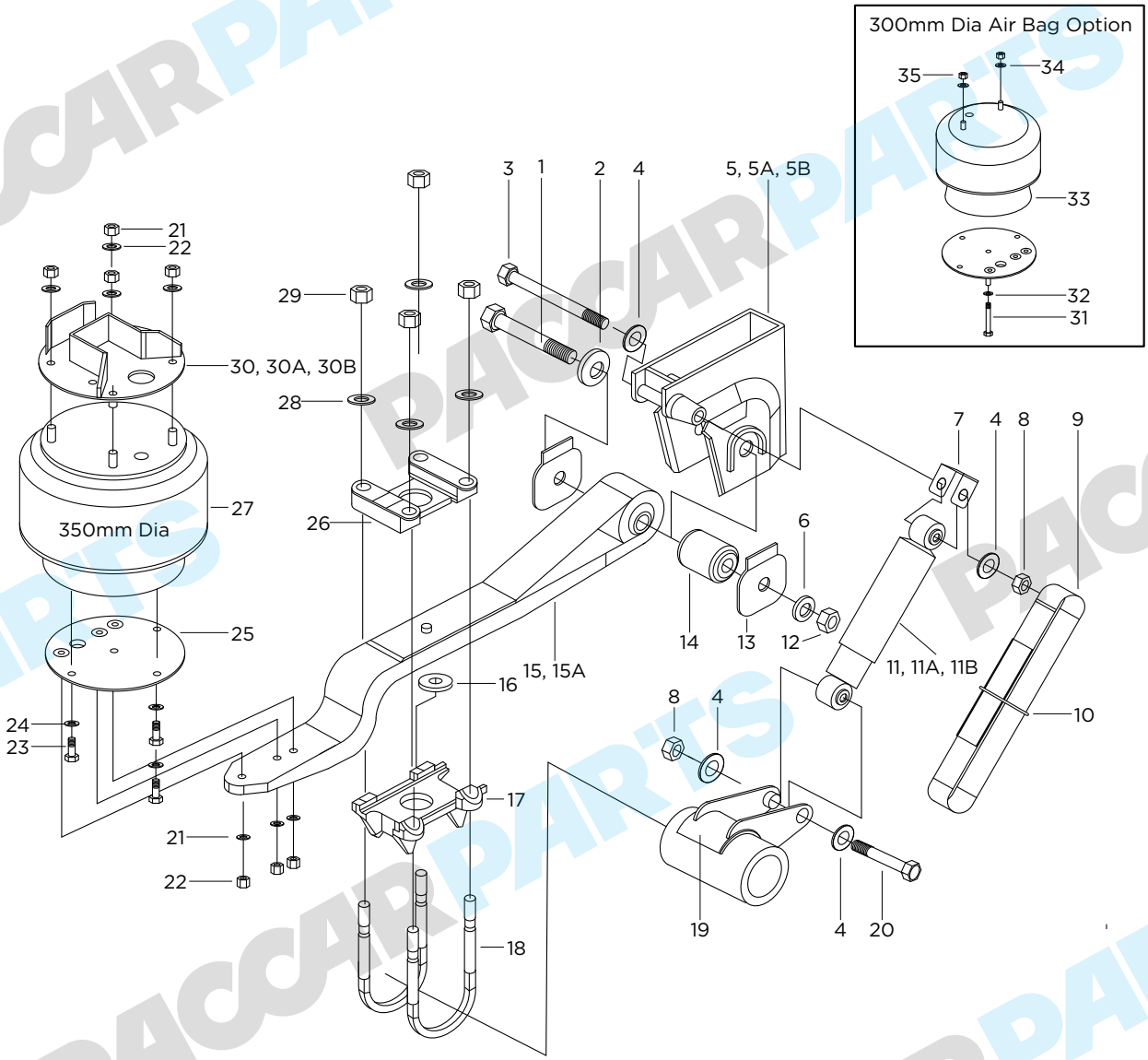
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
FUWA K-HITCH SUSPENSIONS

K RIDE OVERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	NLA	Bolt	M30 X 190 mm Grade 10.9 KHAS017 NLA	
2	KHAS047-1	Eccentric Washer		
3	NLA	Bolt	M24 X 250 mm Long KHAS003 NLA	
4	NLA	Washer	M24 High Tensile KHAS010 NLA	
5	KHAS033-380F	Hanger Assembly	C/S - 380 mm Ride Height KHAS033-380F NA See Note 2	
5	KHAS033-380FDS	Hanger Assembly	D/S - 380 mm Ride Height KHAS033-380FDS NA See Note 2	
5A	KHAS033405F	Hanger Assembly	C/S - 400 mm Ride Height KHAS033405F NA See Note 2	
5A	KHAS033405FDS	Hanger Assembly	D/S - 400 mm Ride Height KHAS033405FDS NA See Note 2	
5B	KHAS033-430F	Hanger Assembly	430 mm Ride Height KHAS033-430F NA See Note 2	
6	KHAS057	Washer - Alignment		
7	KHAS058BKT	Bracket – Catch Strap		
8	KHAS012	Nut	Nyloc M24 KHAS012 NA See Note 2	
9	NLA	Shock Limiting Strap	KHAS058-520 NLA	
10	KH337	O-Ring – Catch Strap	KH337 NA See Note 2	
11	KHAS075	Shock Absorber		See Sections 20.1 & 20.2 For Shock Absorber Information & Images
11A	912400	Shock Absorber	KONI Alternative	
11B	7052-25-2671	Shock Absorber Bush	2 per Shock Absorber	
12	KHAS015	Nut – Cone	M30 X 3.5	
13	KHAS054-1	Washer - Wear	KHAS054-1 NA See Note 2	
14	NLA	Bush – Spring Eye	KHAS020 NLA	
15	KHAS024	Spring Assembly	Overslung KHAS024 NA See Note 2	
15A	KHAS028	Wrapper Spring		
16	KHAS043	Washer – Location		
17	KHAS034	Pad – Axle		
18	NLA	U-Bolt	M24 KHAS029 NLA	See Sections 22.1 & 22.2For U-Bolt Information & Images
19	KHAS041	Lower Shock Absorber Mount		

NLA — NO LONGER AVAILABLE | NA — NOT AVAILABLE

AIR BAG SUSPENSIONS
FUWA K-HITCH SUSPENSIONS



Notes

1. 380 mm, 400 mm, 430 mm Ride Height
2. Part Number shown for reference only. Refer to PACCAR Parts or Fuwa K-Hitch for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

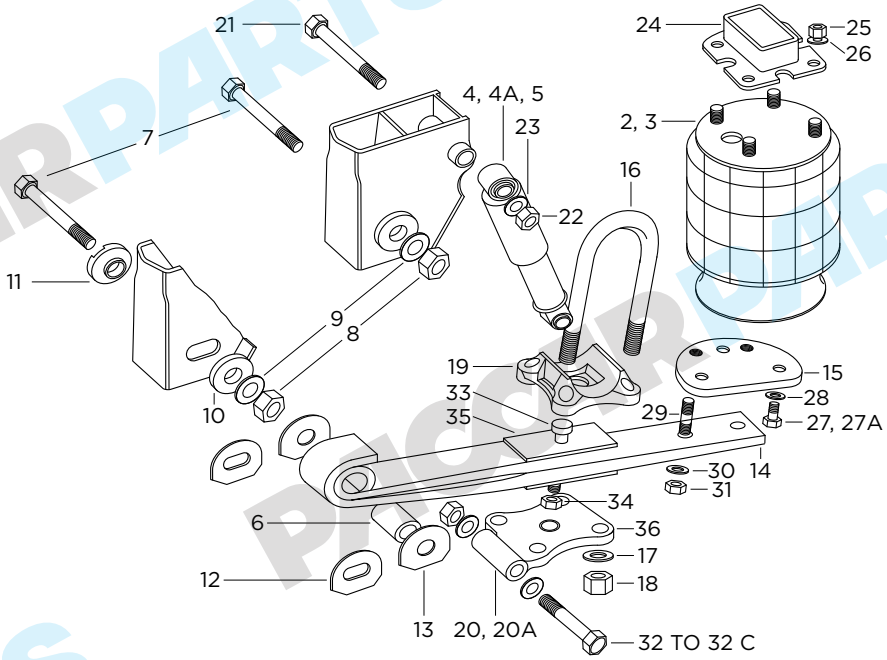
AIR BAG SUSPENSIONS
FUWA K-HITCH SUSPENSIONS

K RIDE OVERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
20	KHAS009	Bolt	M24 X 140 mm KHAS009 NA See Note 2	
21	KHAS018	Nut	Nyloc M12 KHAS018 NA See Note 2	
22	NA	Washer	M12 Flat Washer M12 X 28 mm Diameter X 3 mm Thick See Note 2	
23	NA	Bolt	M12 X 30 mm Long X 1.75 See Note 2	
24	NA	Washer	M12 Spring Washer M12 X 4 mm X 2.5 mm See Note 2	
25	KHAS039AR	Plate	Mount Air Bag Right Hand KHAS039AR NA See Note 2	
25	KHAS039AL	Plate	Mount Air Bag left Hand KHAS039AL NA See Note 2	
26	KHAS036-2	Plate – Clamp		
27	KHAS-11-070	Air Bag	350 mm Diameter	See Section 19 For Air Bags
28	KHAS011-W	Washer	7/8" Flat Washer KHAS011-W NA See Note 2	
29	NLA	Nut	7/8" UNF Nyloc KHAS011-1 NLA	
30	KHAS046-2	Plate	Top Air Bag (65) 350 mm Diameter KHAS046-2 NA See Note 2	
30A	KHAS046-5	Plate	Top Air Bag (89) 400 mm Right Hand KHAS046-5 NA See Note 2	
30B	KHAS046-6	Plate	Top Air Bag (110) 430 Right Hand KHAS046-6 NA See Note 2	
31	NA	Bolt	M12 X 110 mm X 1.75 See Note 2	
32	NA	Washer	M12 Spring Washer M12 X4 mm X 2.5 mm See Note 2	
33	KHAS-9-080	Air Bag	300 mm Diameter	See Section 19 For Air Bags
34	NA	Washer	M12 Flat Washer M12 X 28 mm Diameter X 3 mm Thick See Note 2	
35	KHAS018	Nut	M12 Nyloc KHAS018 NA See Note 2	

NLA — NO LONGER AVAILABLE | NA — NOT AVAILABLE

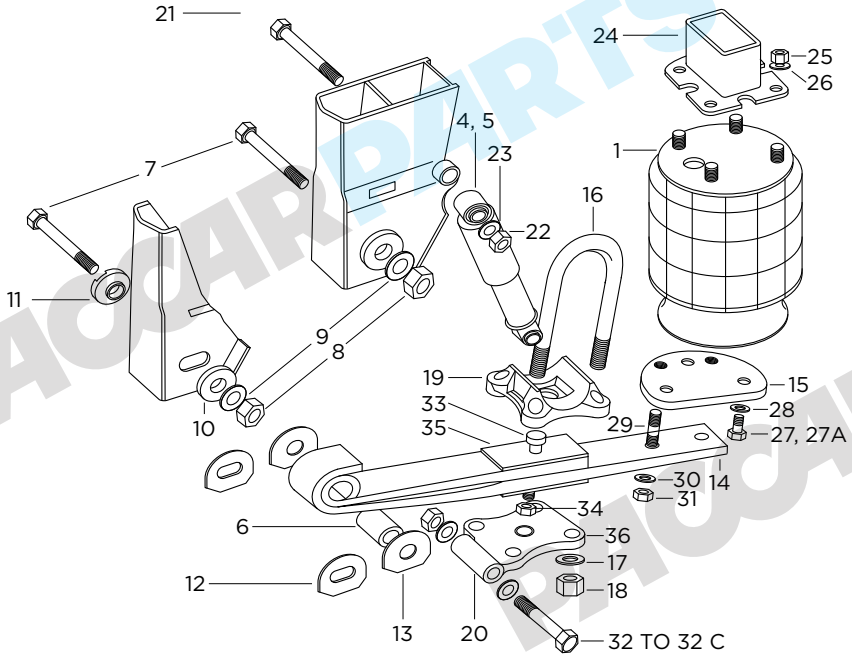
AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS

UNDERSLUNG FLT1000
250 mm - 475 mm Ride Height



UNDERSLUNG FLT1000L
200 mm, 224 mm, 250 mm Ride Height

UNDERSLUNG FLT1000L/150
150 mm Ride Height



Notes

1. Items 12 and 13 are fixed permanently to inside face of hangers. Only replace if damaged.
2. Refer PACCAR Parts. Ride Height required.
3. Refer PACCAR Parts. Different offsets available.

For further information contact your nearest authorised PACCAR Parts dealer.

Cummins Meritor

AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS

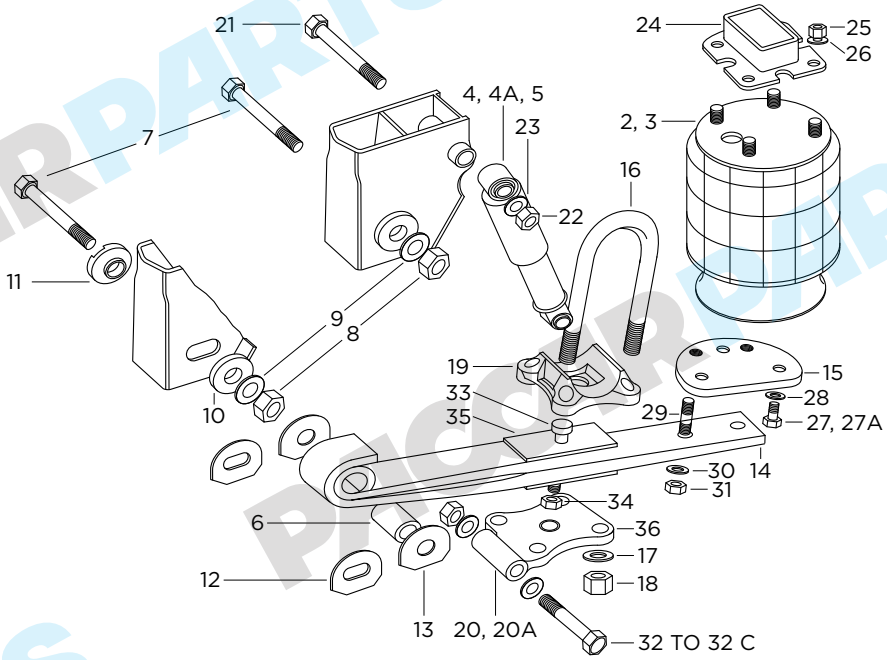
FLEXAIR UNDERSLUNG FL11000, FL11000L, FL11000-150

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	T03-AS3233-A	Air Spring	21222239FS – FL11000	See Section 19 For Air Bags
2	NLA	Air Spring	T03-AS0029 NLA 21208082 – FL11000L	
3	T03-AS3125-A	Air Spring	FL11000/150	
4	21224745	Shock Absorber		See Sections 20.1 & 20.2 For Shock Absorber Information & Images
4A	912400	Shock Absorber	KONI Option	
5	NLA	Shock Absorber Bush	T03-4022 NLA To Suit T03-4019	
6	21222609	Pivot Bush		
7	21222234	Pivot Bolt		
8	NLA	Pivot Bolt Nut	T03-1266 NLA	
9	99513008	Pivot Bolt Washer		
10	21222287	Tracking Bush	Concentric	
11	21222221	Tracking Bush	Eccentric	
12	NLA	Thrust Plate	T03-1270 NLA Tracked Hanger	
13	NLA	Thrust Plate	Untracked Hanger	
14	NLA	Spring Beam	FL11000 Series	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
	21225499	Spring Beam		
15	See Note 3	Support Plate		
16	21222326	U-Bolt - FL1100 & L Series		See Sections 22.1 & 22.2 For U-Bolt Information & Images
17	21222923PK50	Washer U-Bolt	M24 50 Per Packet	
18	21222243	Nut U-Bolt	M24	
19	21222262	Spring Seat		
20	21224436	Plate U-Bolt	Right Hand	
20A	21224437	Plate U-Bolt	Left Hand	
21	NLA	Shock Absorber Bolt	21222231 NLA M24 x 250 mm	
22	99527004	Shock Absorber Bolt Nut	M24	
23	99513007	Washer-Shock Absorber Bolt	M24	
24	See Note 2	Pedestal -Air Bag		
25	0252733380	Nut	M12, Nyloc, Zinc Plated	
26	0251907	Washer	M12, 24 mm Diameter, 2.5 mm Thick, Zinc Plated	
27	NLA	Bolt	99526000 NLA M12 x 35 mm	
27A	NLA	Bolt	99526001 NLA M12 x 35 mm FL11000/150	
28	99510003	Spring Washer	M12	
29	21222255	Stud	M16	

NLA — NO LONGER AVAILABLE | NA — NOT AVAILABLE

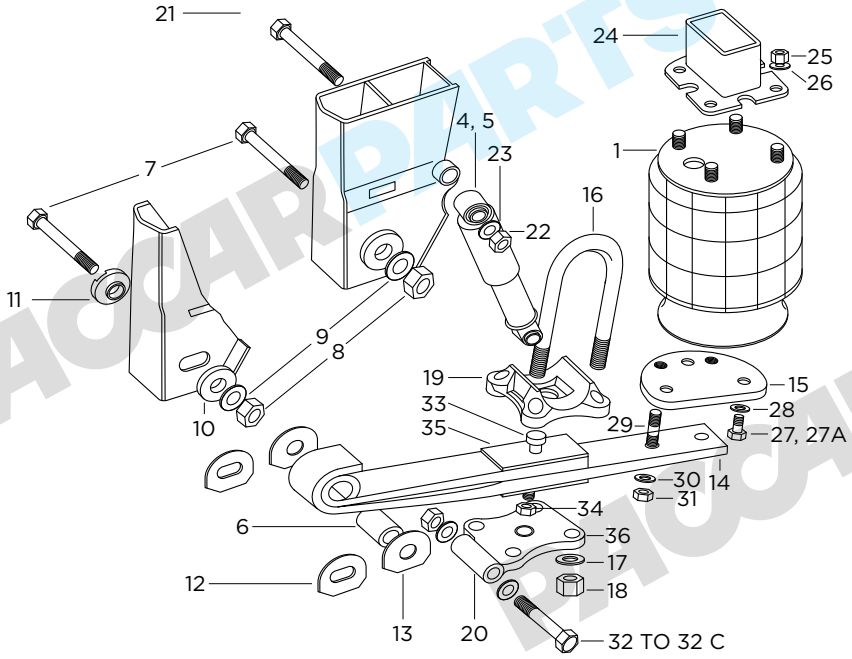
AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS

UNDERSLUNG FLT1000
250 mm - 475 mm Ride Height



UNDERSLUNG FLT1000L
200 mm, 224 mm, 250 mm Ride Height

UNDERSLUNG FLT1000L/150
150 mm Ride Height



Notes

1. Items 12 and 13 are fixed permanently to inside face of hangers. Only replace if damaged.
2. Refer PACCAR Parts. Ride Height required.
3. Refer PACCAR Parts. Different offsets available.

For further information contact your nearest authorised PACCAR Parts dealer.

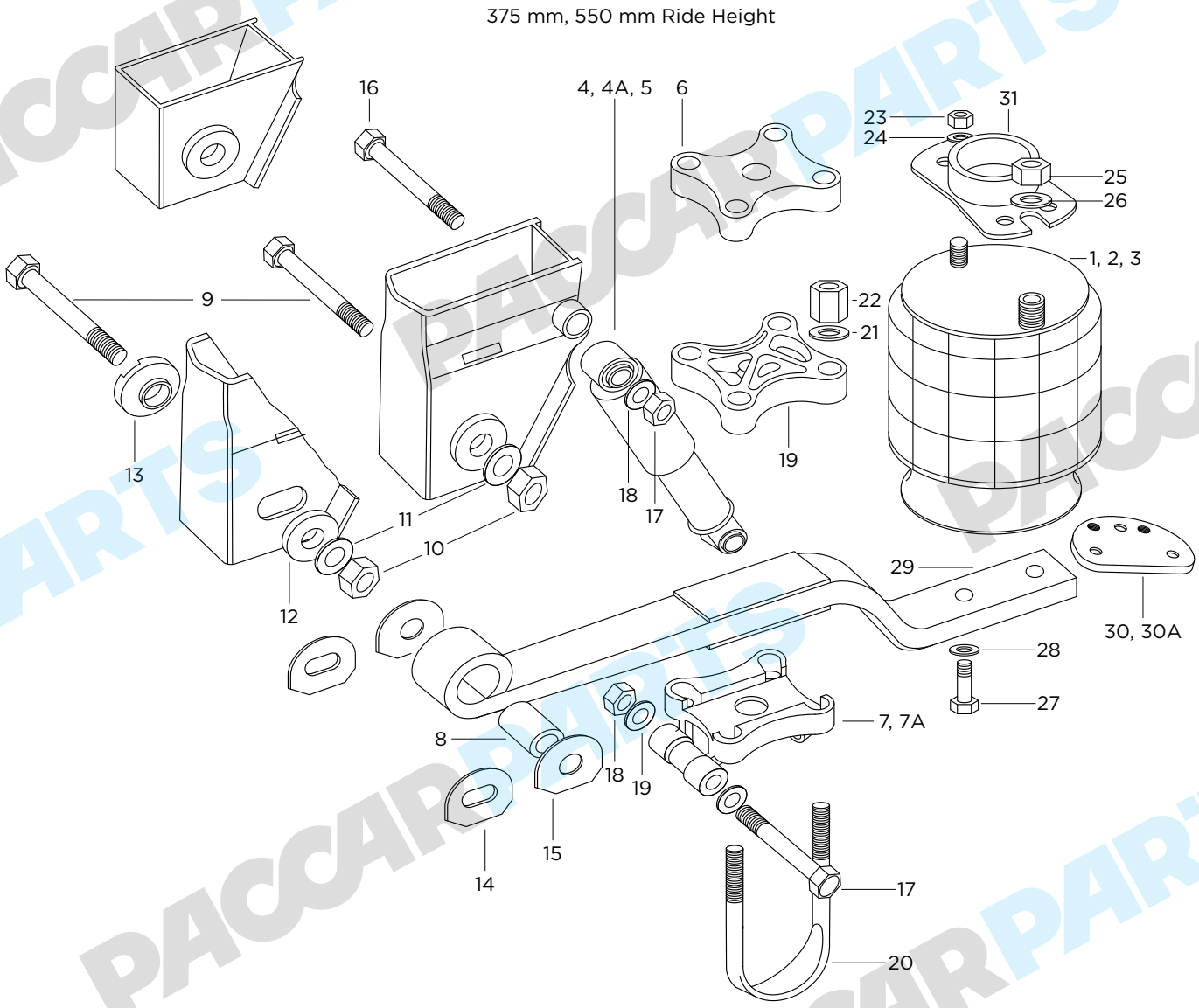
Cummins Meritor

AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS

FLEXAIR UNDERSLUNG FL11000, FL11000L, FL11000-150			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
30	NLA	Washer	99513009 NLA M16
31	NLA	Nut	99527002 NLA M16
32	21222230PK10	Bolt Shock Absorber	M24 X 195 mm Packet Of 10
32A	NLA	Bolt Shock Absorber	21222231 NLA M24x250 FL11000/150
32B	99527004	Shock Absorber Bolt Nut	M24, Nyloc
32C	99513007	Shock Absorber Bolt Washer	M24
33	NLA	Bolt	21222196 NLA M16 x 121 mm
34	NLA	Nut	99527002 NLA M16
35	NLA	Shim	21222198 NLA
36	NLA	Shim	21222436 NLA

NLA — NO LONGER AVAILABLE | NA — NOT AVAILABLE

AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS



Notes

1. Item 1 used up till April 1999 then replaced by item 3.
2. Items 14 and 15 are fixed permanently to inside face of hangers. Only replace if damaged.
3. Refer PACCAR Parts. Ride Height required.

For further information contact your nearest authorised PACCAR Parts dealer.

Cummins Meritor

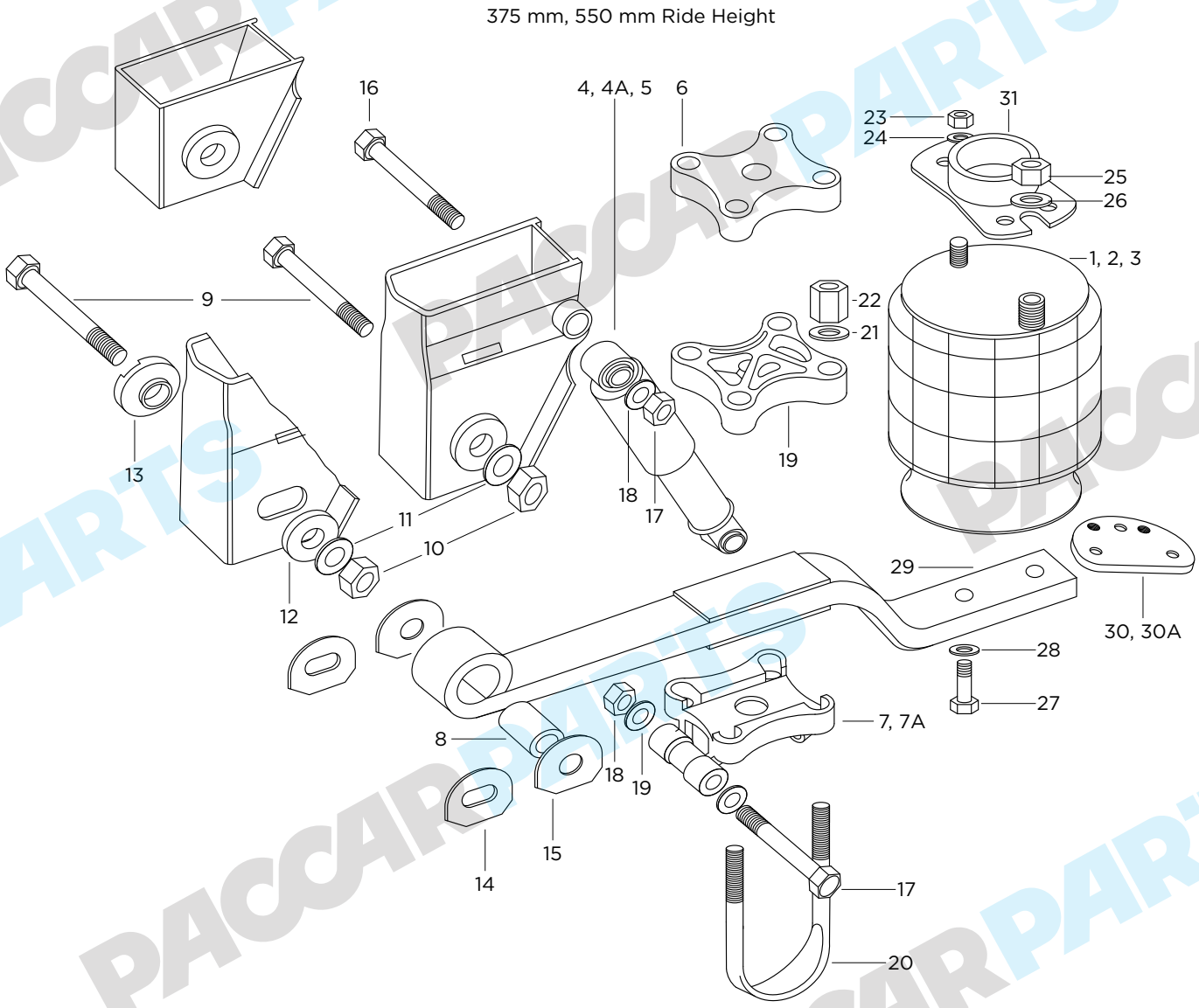
AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS

FLEXAIR OVERSLUNG FL9000

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	21222442	Air Spring		See Section 19 For Air Bags
2	T03-AS0032	Air Spring		
3	NLA	Air Spring	T03-AS3052-A NLA See Note 1	
4	21224745	Shock Absorber		See Sections 20.1 & 20.2 For Shock Absorber Information & Images
4A	912400	Shock Absorber	KONI Option	
5	NLA	Shock Absorber Bush	T03-4022 NLA Suits T03-4019	
6	21222262	Spring Seat		
7	21227883L	Spring Seat	Left Hand	
7A	21227883R	Spring Seat	Right Hand	
8	T03-1122	Pivot Bush		
9	21222234	Pivot Bolt	M30 x 200 mm	
10	NLA	Pivot Bolt Nut	M30 T03-1266 NLA	
11	99513008	Pivot Bolt Washer	M30	
12	21222287	Tracking Bush	Concentric	
13	21222221	Tracking Bush	Eccentric	
14	NLA	Thrust Plate	T03-1270 NLA Tracked Hanger	
15	T03-1271	Thrust Plate	T03-1271 NLA Untracked Hanger	
16	21222231	Bolt Shock Absorber	M24 x 250 mm Long	
17	99527004	Nut Shock Absorber Bolt	M24	
18	99513007	Washer Shock Absorber Bolt	M24	
19	21222395	Plate U-Bolt		
20	21223928	U-Bolt	270 mm X 24 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
21	21222923	Washer U-Bolt	24 mm	
22	21222243	Nut U-Bolt	24 mm	
23	0252733380	Nut	M12 Nyloc	
24	0251907	Washer	M12	
25	99528001	Nut	M22	
26	NLA	Washer	99510004 NLA M22	
27	99526002	Bolt	M12 x 55 mm Long	
28	99510003	Spring Washer	M12	
29	T03-7372	Spring Beam	FL9000 – M30 - (21222247)	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images

NLA — NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS



Notes

1. Item 1 used up till April 1999 then replaced by item 3.
2. Items 14 and 15 are fixed permanently to inside face of hangers. Only replace if damaged.
3. Refer PACCAR Parts. Ride Height required.

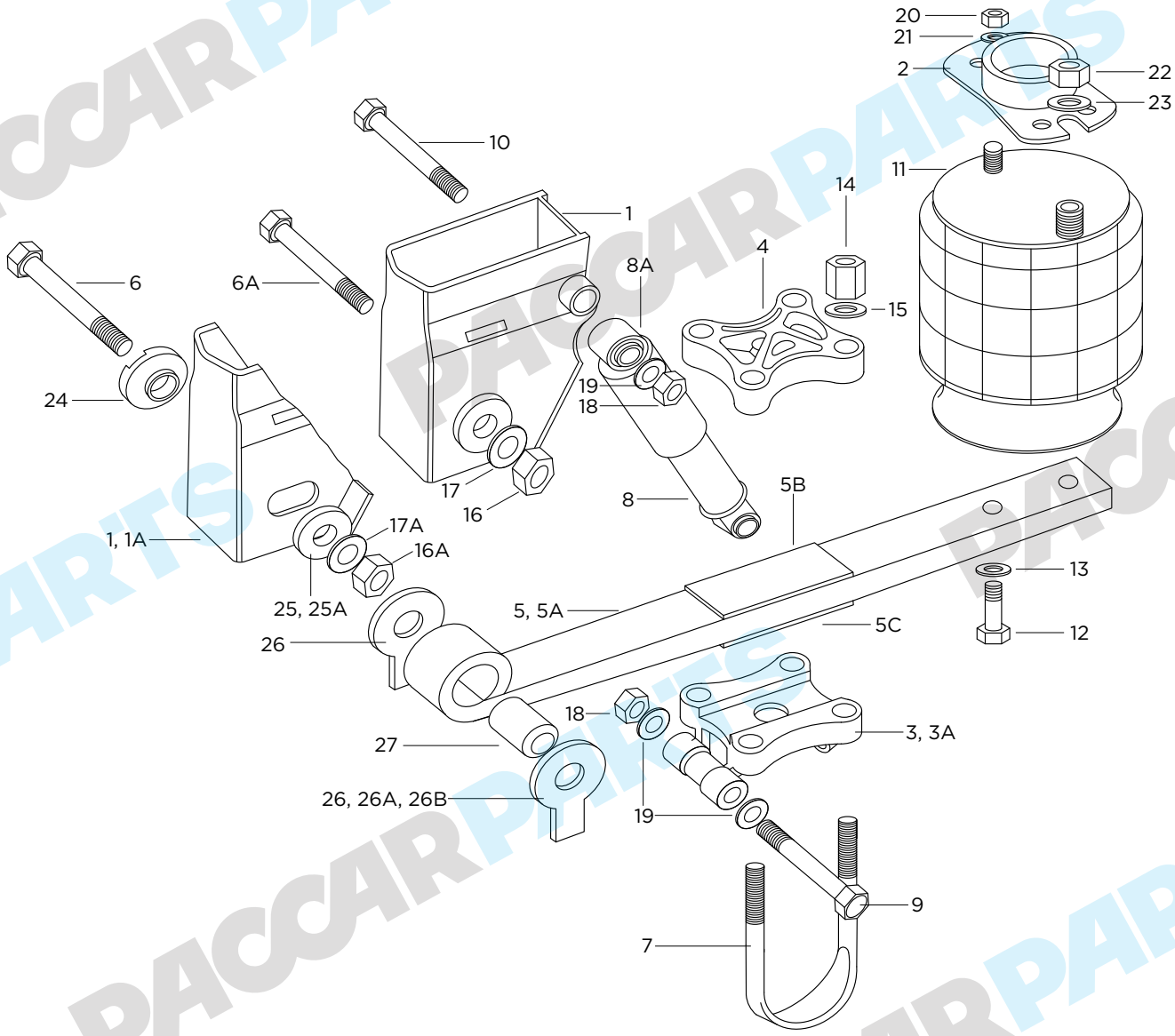
For further information contact your nearest authorised PACCAR Parts dealer.

Cummins Meritor

AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS

FLEXAIR OVERSLUNG FL9000			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
30	21222330	Shim	Spring Beam
30A	21222329	Shim	Spring Beam
31	See Note 3	Pedestal Assembly Air Spring	

AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS



Notes

1. Refer PACCAR Parts. Tracked and Untracked Hanger information required.
2. Refer PACCAR Parts. Ride Height required.
3. Refer to PACCAR Parts for a suitable alternative.

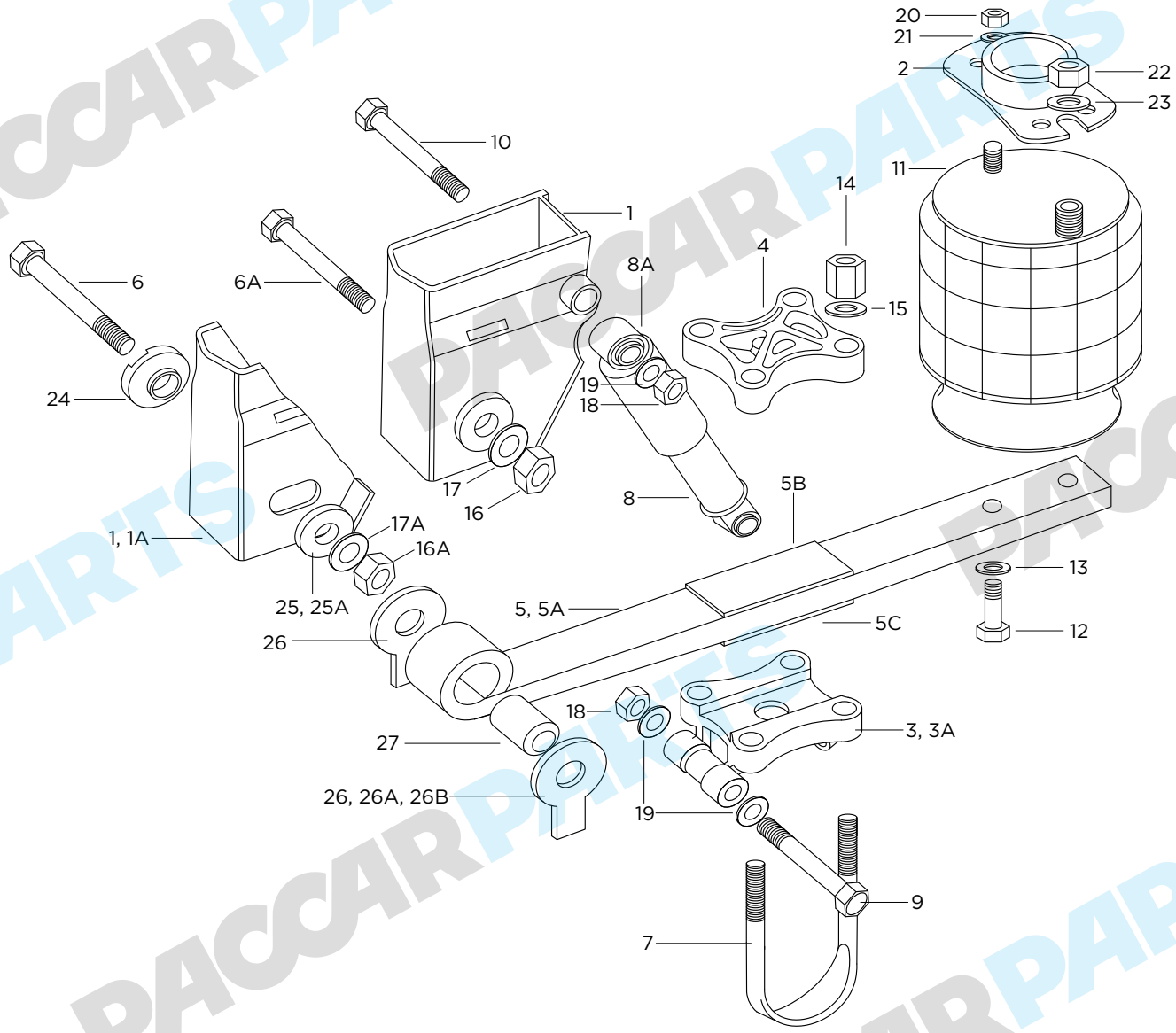
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS

FLEXAIR OVERSLUNG FL9000H				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1,1A,1B	Refer Note 1	Hanger Untracked		
2	Refer Note 2	Pedestal Assembly		
3	21227883L	Spring Seat	Left Hand	
3A	21227883R	Spring Seat	Right Hand	
4	21222395	U-Bolt Plate		
5	21224376	Trailing Arm	With M30 Bush	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
5A	NLA	Trailing Arm	With M24 Bush 21227324 NLA	
5B	21222330	Shim	Spring Beam	
5C	NLA	Shim	Spring Beam 21222906 NLA	
6	21222234	Pivot Bolt	M30 x 200 mm	
6A	21222230PK10	Pivot Bolt	M24 X 195 mm (Pack Of 10)	
7	21223928	U-Bolt	M24 280 mm Long X 132 mm Internal Width	See Sections 22.1 & 22.2 For U-Bolt Information & Images
8	21224745	Shock Absorber		See Sections 20.1 & 20.2 For Shock Absorber Information & Images
NI	912400	Shock Absorber	KONI Option	
8A	NLA	Shock Absorber Bush	T03-4022 NLA	
9	NLA	Bolt Shock Absorber	M24 X 250 mm Long 21222231 NLA	
10	NLA	Bolt Shock Absorber	M24 X 250 mm Long 21222231 NLA	
11	21222442	Air Spring		See Section 19 For Air Bags
12	99526002	Bolt	M12 X 55 mm	
13	99510003	Spring Washer	M12	
14	21222243	Nut U-Bolt	M24	
15	21222923PK50	Washer U-Bolt	M24 (Pack Of 50)	
16A	NLA	Pivot Bolt Nut	M30 T03-1266 NLA	
16	99527004	Pivot Bolt Nut	M24	
17A	99513008	Washer Pivot Bolt	M30	
17	99513007	Washer Pivot Bolt	M24	
18	99527004	Nut Shock Absorber Bolt	M24	
19	99513007	Washer Shock Absorber Bolt	M24	
20	49LNM12	Nut	M12	
21	49FWM12	Washer	M12	
22	99528001	Nut	M22	
23	NLA	Washer	M22 99510004 NLA	
NI	21222221	Tracking Bush	Eccentric M30	

NLA — NO LONGER AVAILABLE | NI - NOT ILLUSTRATED

AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS



Notes

1. Refer PACCAR Parts. Tracked and Untracked Hanger information required.
2. Refer PACCAR Parts. Ride Height required.
3. Refer to PACCAR Parts for a suitable alternative.

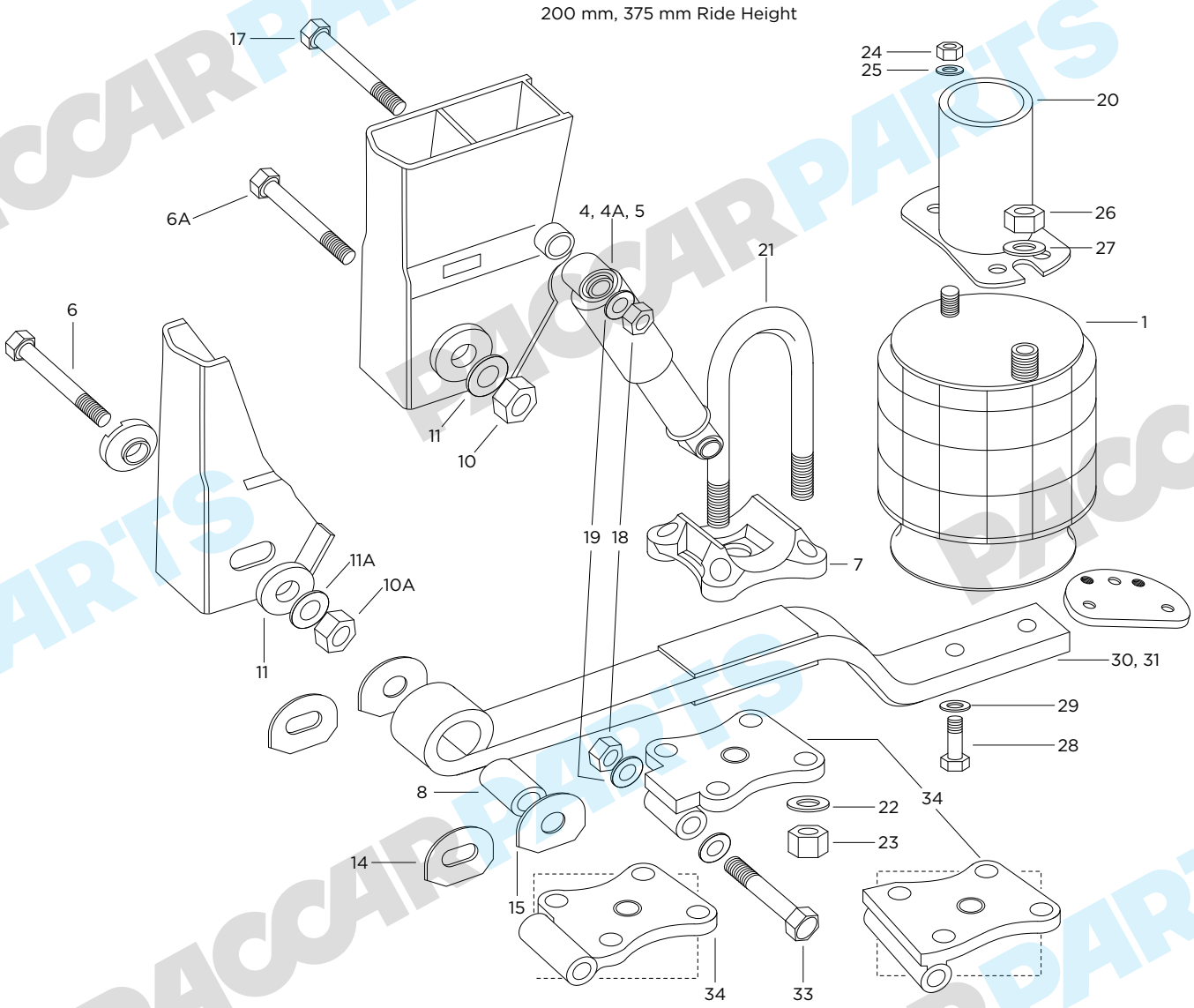
For further information contact your nearest authorised PACCAR Parts dealer.

Cummins Meritor

AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS

FLEXAIR OVERSLUNG FL9000H			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
24	21228663	Tracking Bush	Eccentric M24
NI	21222287	Tracking Bush	Eccentric M30
25	21228664	Tracking Bush	Eccentric M24
NI	NLA	Thrust Plate	Tracked Hanger, M30 T03-1270 NLA
NI	NLA	Thrust Plate	Untracked Hanger, M30 T03-1271 NLA
26	21224386	Thrust Plate	Tracked Hanger, M24
27	21222609	Pivot Bush	

AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS



Notes

1. Item 1 used up till April 1999 then replaced by item 3.
2. Part Number shown for reference only. Refer to PACCAR Parts or Meritor for further options.
3. Items 14 and 15 are fixed permanently to inside face of hangers. Only replace if damaged.

For further information contact your nearest authorised PACCAR Parts dealer.

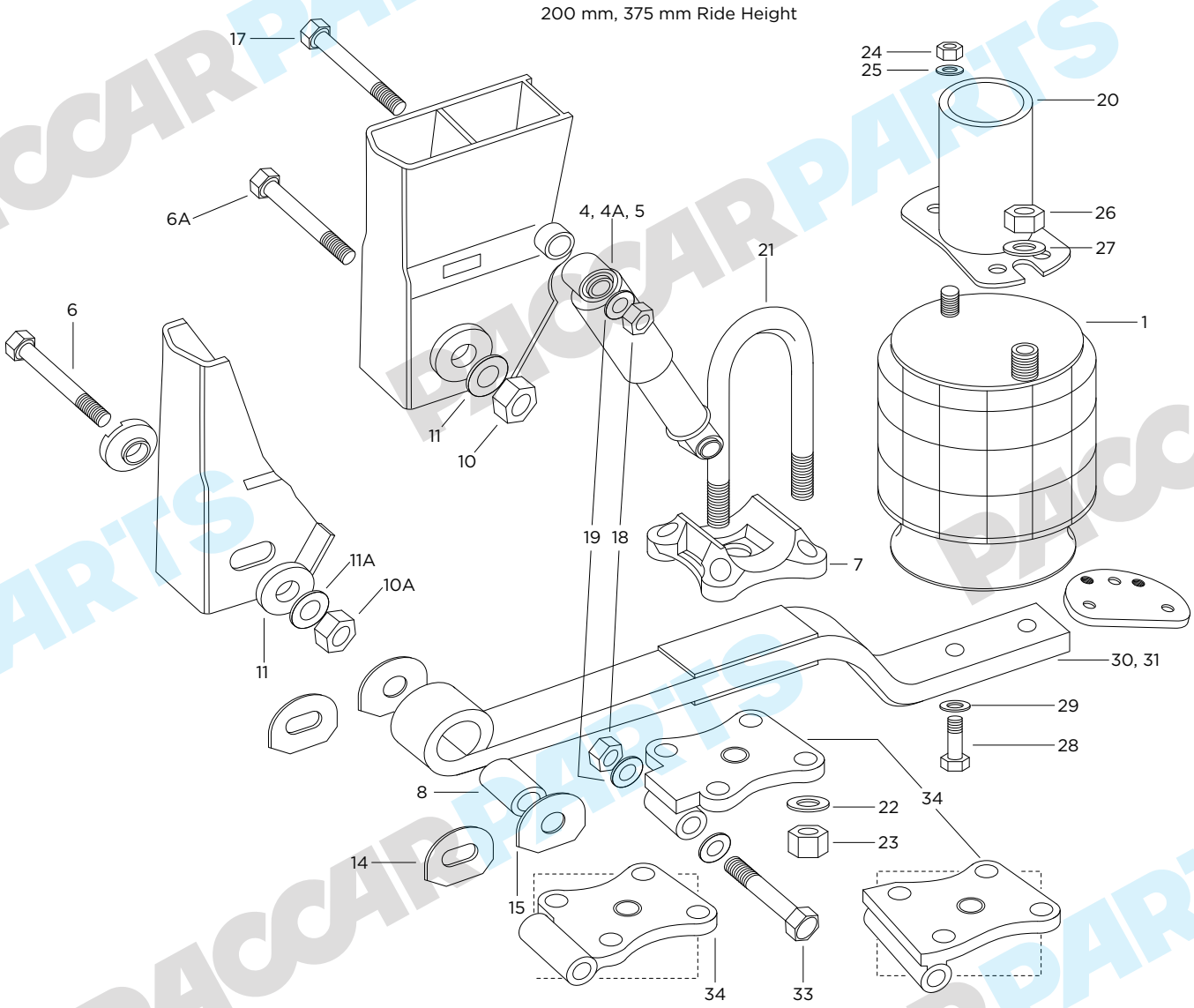
AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS

FL9000L UNDERSLUNG SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	21222442	Air Spring		See Section 19 For Air Bags
2	NLA	Air Spring	T03-AS0032 NLA	
3	TRP21221307	Air Spring	See Note 1	
4	21224745	Shock Absorber		See Sections 20.1 & 20.2 For Shock Absorber Information & Images
4A	912400	Shock Absorber	KONI Option	
5	NLA	Shock Absorber Bush	T03-4022 NLA	
6	21222395	Plate U-Bolt		
7	21222262	Seat - Spring		
8	21222609	Pivot Bush		
9	21222234	Pivot Bolt	M30 x 200 mm Long	
9A	21222230PK10	Pivot Bolt	M24 x 195 mm Long Pack Of 10	
10	NLA	Pivot Bolt Nut	M30 T03-1266 NLA	
10A	99527004	Pivot Bolt Nut	M24	
11	99513008	Pivot Bolt Washer	M30	
11A	99513007	Pivot Bolt Washer	M24	
12	21222287	Tracking Bush	Concentric	
13	21222221	Tracking Bush	Eccentric	
14	NLA	Thrust Plate	Tracked Hanger T03-1270 NLA See Note 3	
15	NLA	Thrust Plate	Untracked Hanger T03-1271 NLA See Note 3	
17	21222231	Bolt Shock Absorber	M24 x 250 mm Long 21222231 NA See Note 2	
18	99527004	Nut Shock Absorber Bolt	M24 Nyloc Zinc Plated	
19	99513007	Washer Shock Absorber Bolt	M24	
20	NA	Pedestal Assembly - Air Spring	Contact PACCAR Parts	
21	21223928	U-Bolt		See Sections 22.1 & 22.2 For U-Bolt Information & Images
22	21222923PK50	Washer U-Bolt	24 mm Packet Of 50	
23	21222243	Nut U-Bolt	24 mm	
24	NA	Nut	M12 See Note 2	
25	NA	Washer	M12 See Note 2	
26	99528001	Nut	M22	

NLA — NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS



Notes

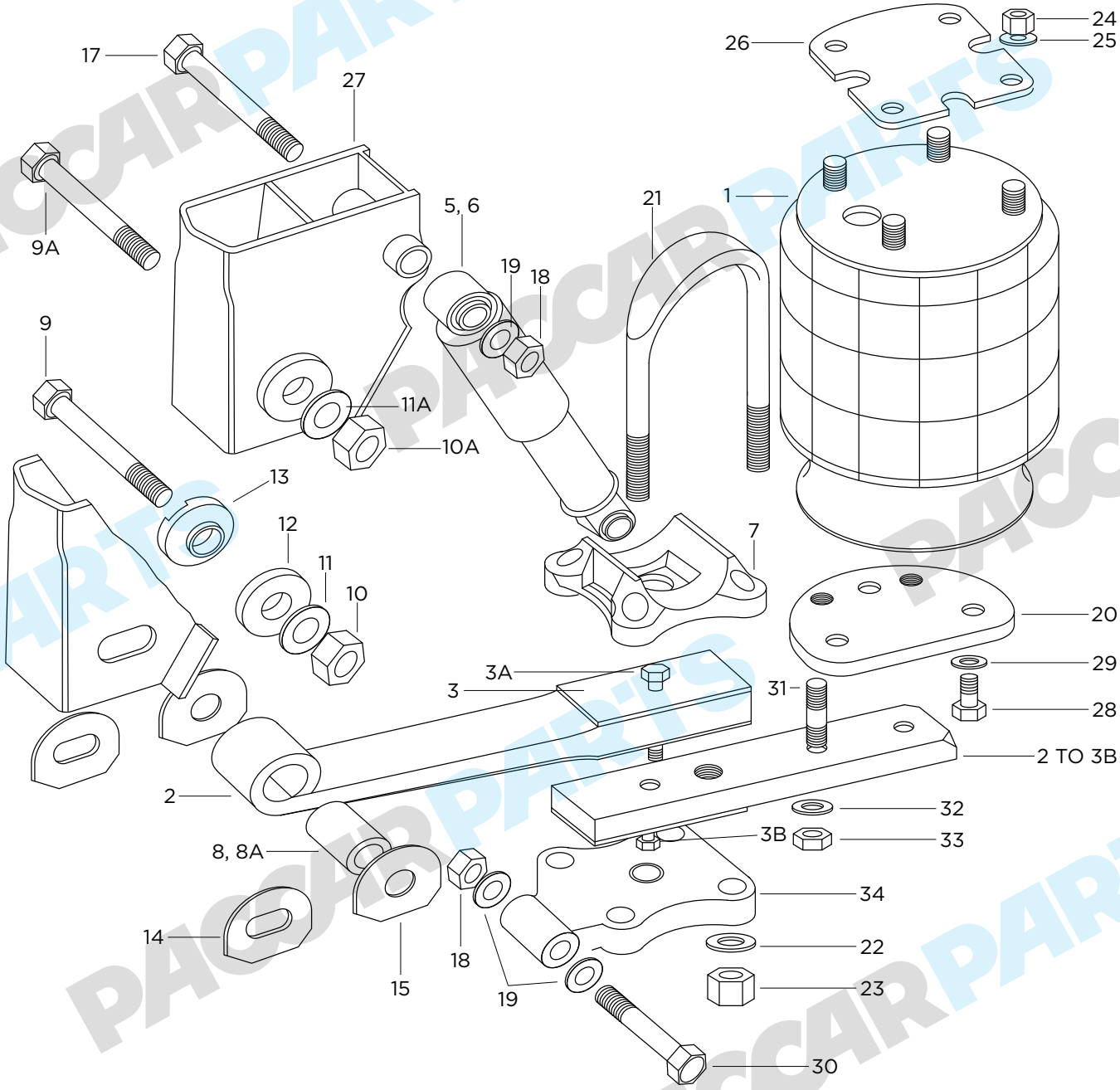
1. Item 1 used up till April 1999 then replaced by item 3.
2. Part Number shown for reference only. Refer to PACCAR Parts or Meritor for further options.
3. Items 14 and 15 are fixed permanently to inside face of hangers. Only replace if damaged.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
MERITOR/ROR SUSPENSIONS

FL9000L UNDERSLUNG SUSPENSION			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
27	99510004	Washer	M22 99510004 NA See Note 2
28	99526002	Bolt	M12 x 55 mm Long
29	99510003	Spring Washer	M12
30	T03-7372	Spring Beam	M30 (21222247)
30	21224664	Spring Beam	M24
31	21222906	Shim - Spring Beam	21222906 NA See Note 2
31	21222329	Shim - Spring Beam	
33	21222230PK10	Bolt Shock Absorber	M24 x 195 mm Long Packet Of 10
34	21224461	Plate U-Bolt	21224461 NA See Note 2

AIR BAG SUSPENSIONS
MERITOR/ROR FLEXAIR SUSPENSIONS



Notes

1. Refer PACCAR Parts. Ride Height Required.
2. Items 14 and 15 are fixed permanently to inside face of hangers. Only replace if damaged.
3. Part Number shown for reference only. Refer to PACCAR Parts or Meritor for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

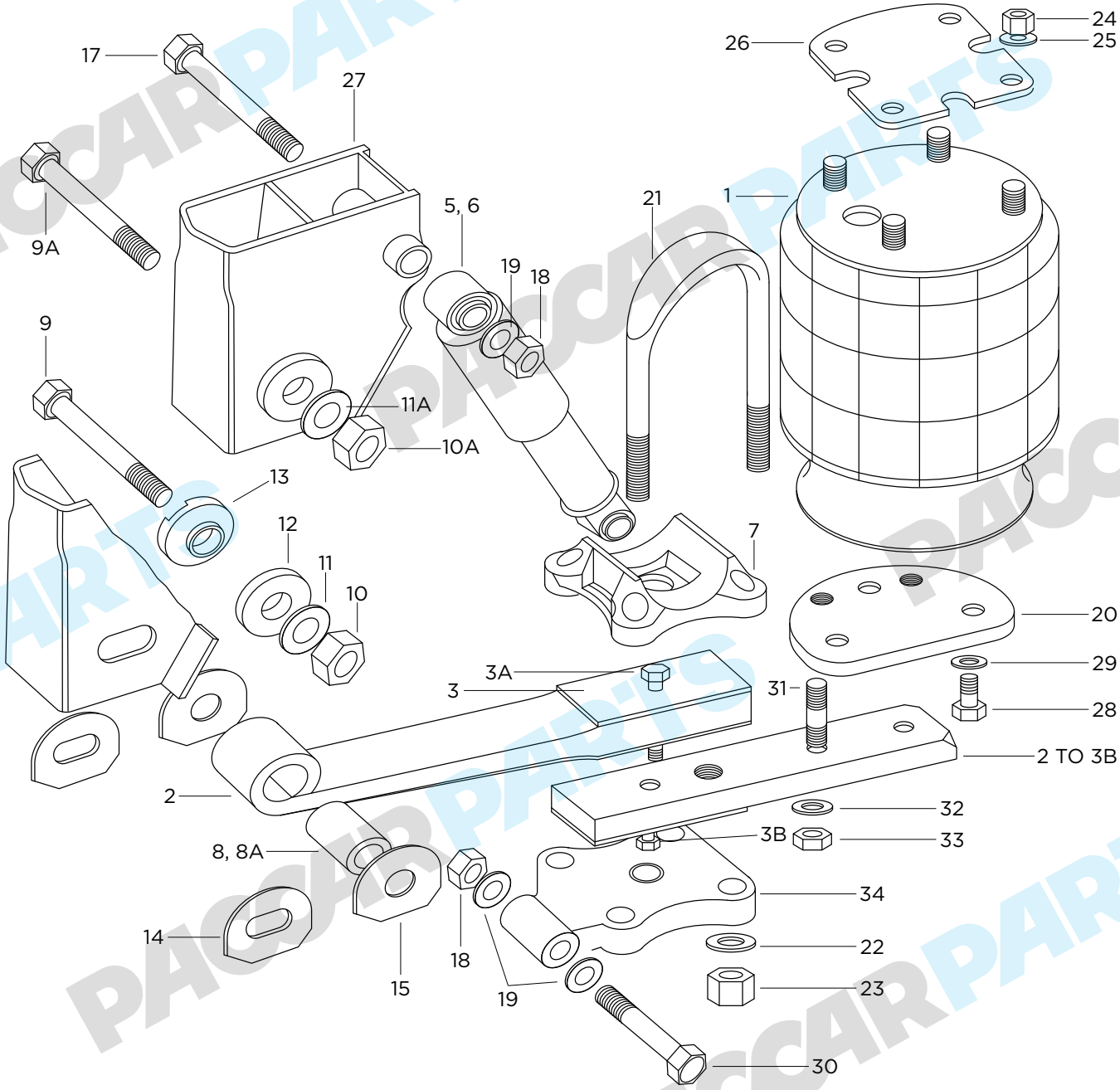
AIR BAG SUSPENSIONS
MERITOR/ROR FLEXAIR SUSPENSIONS

FL9000M UNDERSLUNG SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	21222442	Air Spring		See Section 19 For Air Bags
2	T03-7373	Spring Beam	M30 (21224465) T03-7373 NLA	
NI	NA	Spring Beam	M24 (21227323) See Note 3	
3	21222906	Shim - Spring Beam	21222906 NA See Note 3	
NI	21222329	Shim - Spring Beam		
3A	21223608	Bolt	M16 x 126 mm Long	
3B	99527002	Nut	99527002 NA See Note 3	
4	NLA	Shock Absorber	T03-4020 NLA	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
5	NLA	Shock Absorber Bush	T03-4021 NLA	
6	21222395	Plate U-Bolt		
7	21222262	Seat Spring		
8	21222609	Pivot Bush	M30	
8A	21224663	Pivot Bush	M24	
9	21222234	Pivot Bolt	M30 x 200 mm Long	
9A	21222230PK10	Pivot Bolt	M24 x 195 mm Long Pack Of 10	
10	NLA	Pivot Bolt Nut	M30 T03-1266 NLA	
10A	99527004	Pivot Bolt Nut	M24	
11	99513008	Pivot Bolt Washer	M30	
11A	99513007	Pivot Bolt Washer	M24	
12	21222287	Tracking Bush	Concentric	
13	21222221	Tracking Bush	Eccentric	
14	NLA	Thrust Plate	Tracked Hanger T03-1270 NLA See Note 2	
15	NLA	Thrust Plate	Untracked Hanger T03-1271 NLA See Note 2	
17	21222231	Bolt Shock Absorber	M24 x 250 mm Long 21222231 NA See Note 3	
18	99527004	Nut Shock Absorber Bolt	M24 Nyloc Zinc Plated	
19	99513007	Washer Shock Absorber Bolt	M24	
20	NA	Plate - Support	See Note 1 and 3	
21	21222326	U-Bolt	315 mm x 24 mm FL9000M	See Sections 22.1 & 22.2 For U-Bolt Information & Images

NLA - NO LONGER AVAILABLE | NA - NOT AVAILABLE | NI - NOT ILLUSTRATED

AIR BAG SUSPENSIONS
MERITOR/ROR FLEXAIR SUSPENSIONS



Notes

1. Refer PACCAR Parts. Ride Height Required.
2. Items 14 and 15 are fixed permanently to inside face of hangers. Only replace if damaged.
3. Part Number shown for reference only. Refer to PACCAR Parts or Meritor for further options.

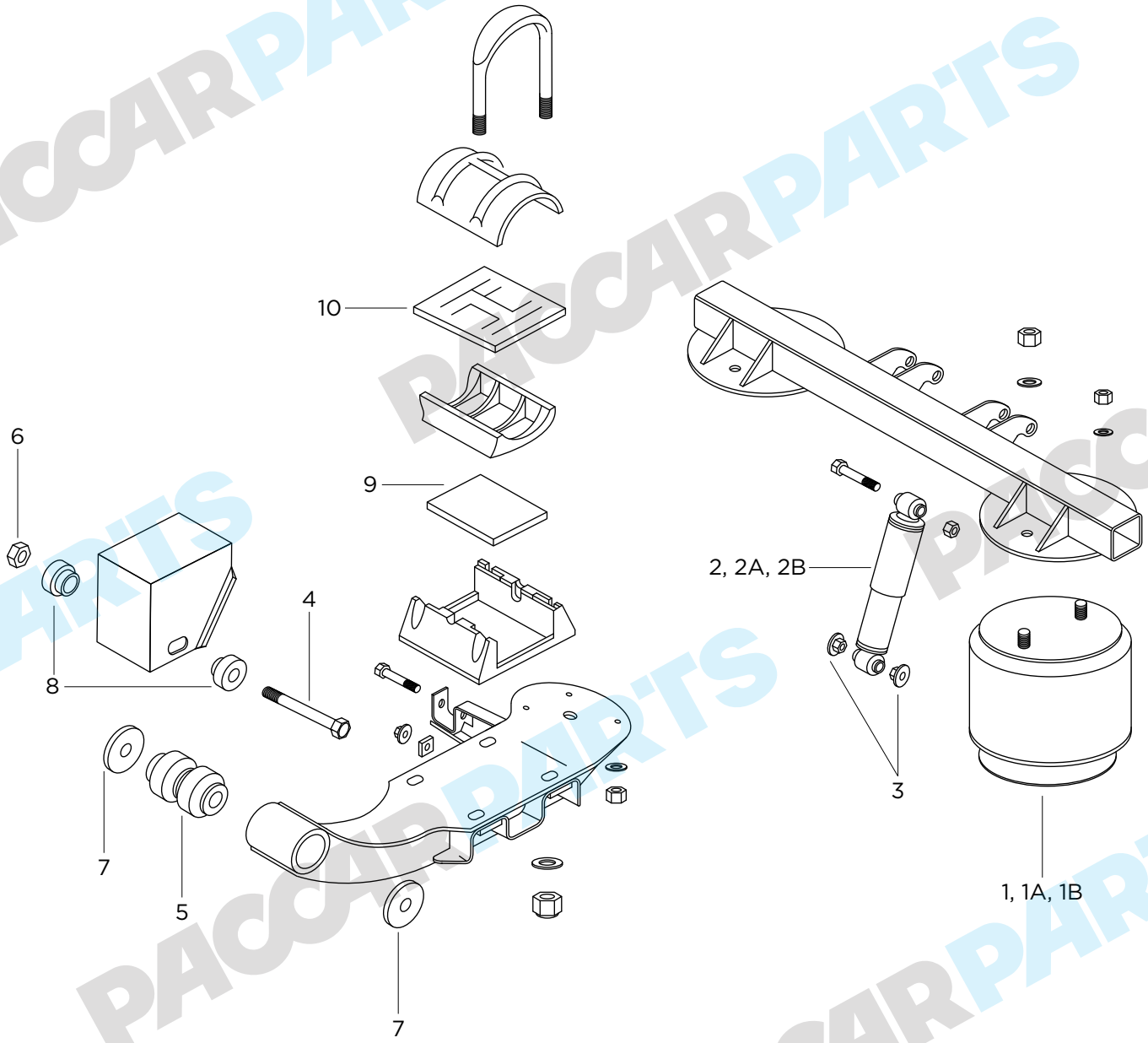
For further information contact your nearest authorised PACCAR Parts dealer.

Cummins Meritor

AIR BAG SUSPENSIONS
MERITOR/ROR FLEXAIR SUSPENSIONS

FL9000M UNDERSLUNG SUSPENSION			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
22	21222923PK50	Washer U-Bolt	24 mm Pack Of 50
23	21222243	Nut U-Bolt	24 mm
24	NA	Nut	M12 See Note 3
25	NA	Washer	M12 See Note 3
26	NA	Pedestal Assembly - Air Spring	Contact PACCAR Parts
27	NA	Hanger	See Note 1 and 2
28	99526000	Bolt	M12 x 55 mm Long 99526000 NA See Note 3
29	99510003	Spring Washer	M12
30	21222230PK10	Bolt Shock Absorber	M24 x 195 mm Long Pack Of 10
31	21222255	Stud	M16
32	99513009	Washer	M16 99513009 NA See Note 3
33	99527002	Nut	99527002 NA See Note 2
34	21224461	Plate U-Bolt	21224461 NA See Note 3

AIR BAG SUSPENSIONS
NEWAY SUSPENSIONS



Notes

1. Underslung AR75-6 150 mm Ride Height
2. Underslung AR75-9 230 mm Ride Height
3. Part Number shown for reference only. Refer to PACCAR Parts or Neway for further options.

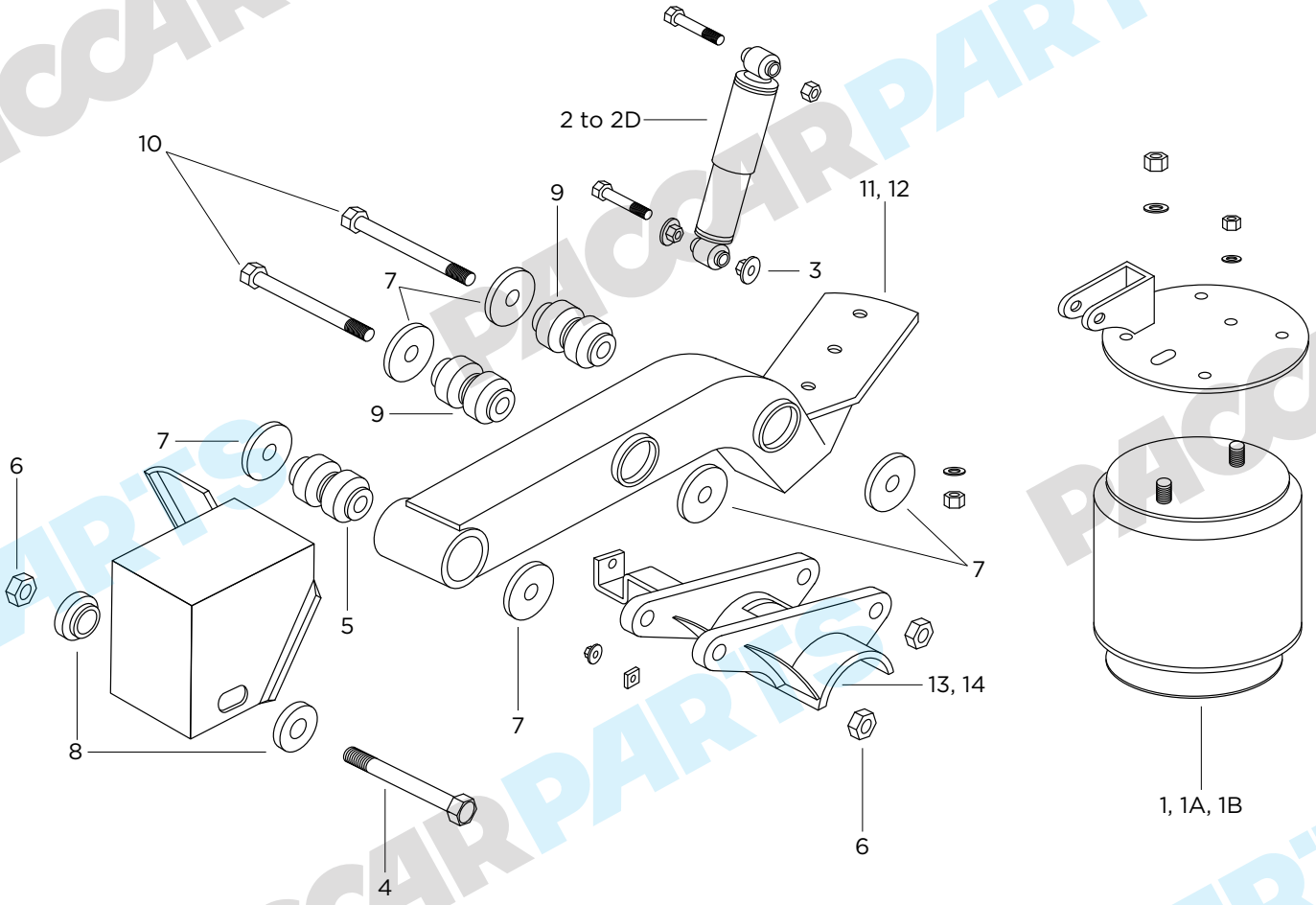
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
NEWAY SUSPENSIONS

UNDERSLUNG AR SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	90557023	Air Spring	AR-45	See Section 19 For Air Bags
1A	90557113	Air Spring	AR-75-6-9	
1B	90557009	Air Spring	AR-75-12 90557009 NA See Note 3	
2	90045337	Shock Absorber	AR-45	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	90044626	Shock Absorber	990044626 NLA AR-75-6-9 See Note 3	
2B	90044625	Shock Absorber	AR-75-12 90044625 NA See Note 3	
3	90508004	Shock Absorber Bush		
4	93201055	Pivot Bolt	1 ⅛"-7 X 9 ¼"	
5	T03-1127	Pivot Bush	Substitute For 90008139	
6	93400506	Pivot Bolt Nut		
7	90036177	Wear Disc		
8	90008147	Alignment Bushing		
9	90028083	Rubber Pad		
10	90028047	Rubber Wrapper	90028047 NA See Note 3	

NLA - NO LONGER AVAILABLE | NA - NOT AVAILABLE

AIR BAG SUSPENSIONS
NEWAY SUSPENSIONS



Notes

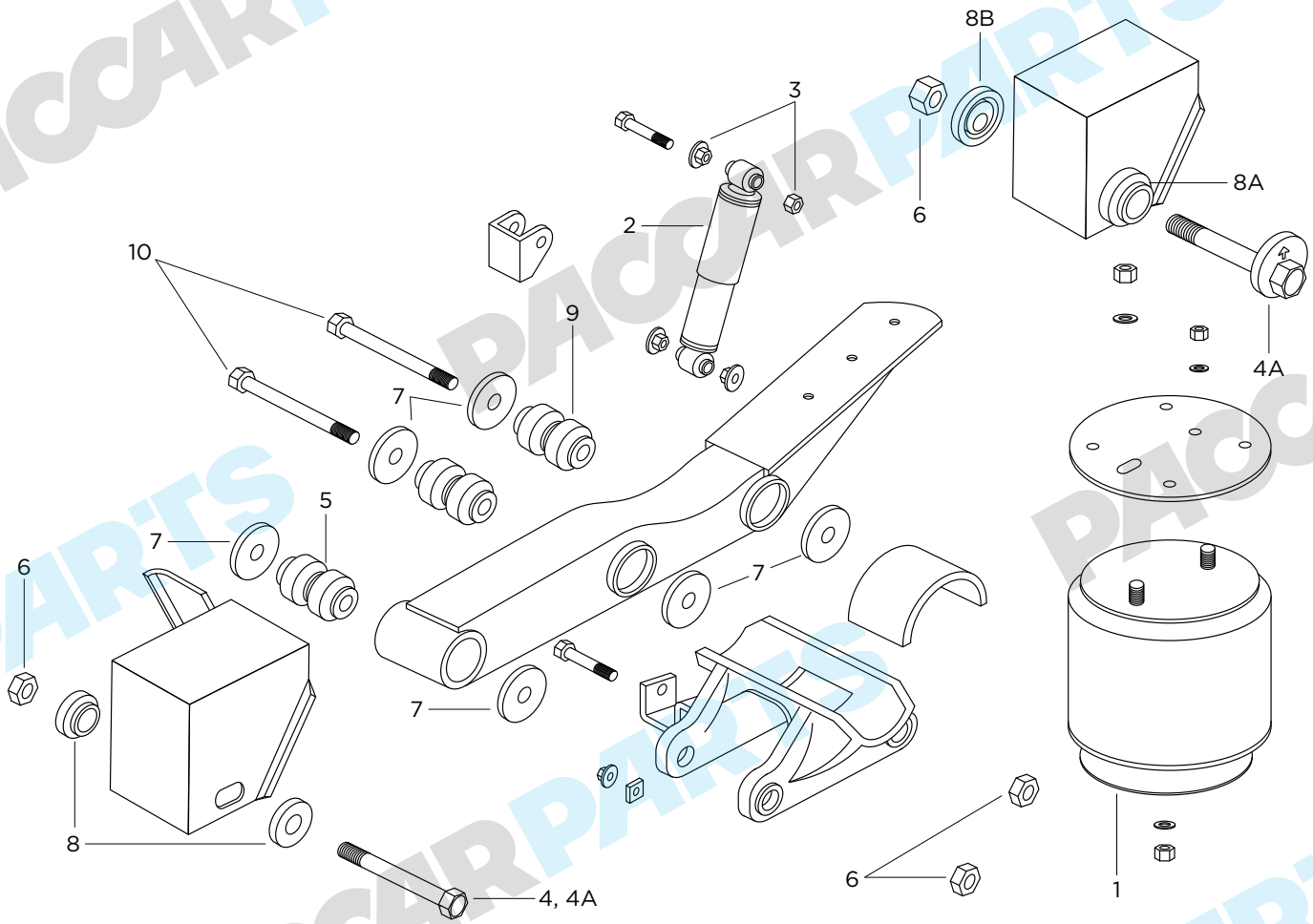
1. Overslung AR-90-14 355 mm Ride Height
2. Overslung AR-92-12 305 mm Ride Height
3. Overslung AR-92-14 355 mm Ride Height
4. Overslung AR-92-15 355 mm Ride Height
5. Overslung AR-93-16 405 mm Ride Height
6. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
NEWAY SUSPENSIONS

OVERSLUNG AR SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	90557112	Air Spring	90557112 NA AR-90-14 See Note 6	See Section 25 For Air Bag Information & Images
1A	90557117	Air Spring	AR-92-12-14	
1B	90557118	Air Spring	AR-92-15, AR-93-16	
2	90044089	Shock Absorber	90044089 NA AR-90 See Note 6	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	90045337	Shock Absorber	AR-92-12	
2B	90045040	Shock Absorber	90045040 NA AR-92-14 See Note 6	
2C	90045054	Shock Absorber	90045054 NA AR-92-15 See Note 6	
2D	90044794	Shock Absorber	90044794 NA AR-93-16 See Note 6	
3	90508004	Shock Absorber Bush		
4	93201055	Pivot Bolt		
5	T03-1127	Pivot Bush	Alternative 90008139	
6	93400506	Pivot Bolt/Axle Bracket Nut		
7	90036177	Wear Disc		
8	90008147	Alignment Bushing		
9	T03-1128	Axle Bracket Bush	Alternative 90008149	
10	93201051	Axle Bracket Bolt		
11	90516500	Beam	Left Hand Complete With Bushes	
12	90516501	Beam	Right Hand Complete With Bushes	
13	90501289	Axle Seat	Left Hand	
14	90501290	Axle Seat	Right Hand	

AIR BAG SUSPENSIONS
NEWAY SUSPENSIONS



Notes

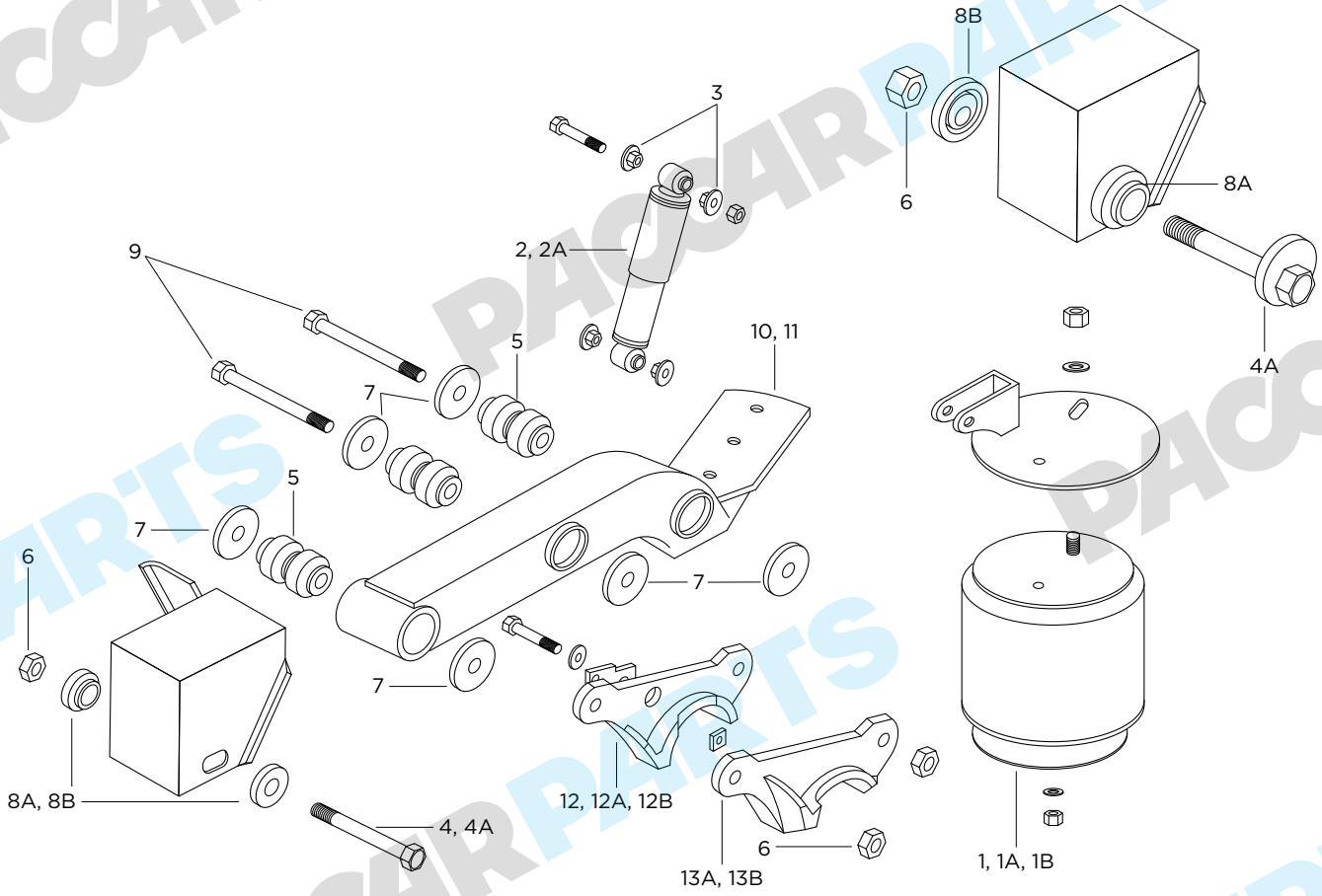
1. Underslung ARU-92-8 205 mm Ride Height
2. Underslung ARU-93-8 205 mm Ride Height

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
NEWAY SUSPENSIONS

UNDERSLUNG ARU SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	90557117	Air Spring	ARU-92-8	See Section 19 For Air Bags
1A	90557118	Air Spring	ARU-93-8	
2	90045338	Shock Absorber		See Sections 20.1 & 20.2 For Shock Absorber Information & Images
3	90508004	Shock Absorber Bush		
4	93201055	Pivot Bolt		
4A	90508019	Pivot Bolt	Non Weld	
5	T03-1127	Pivot Bush	Metalastic Alternative 90008139	
6	93400506	Pivot Bolt/Axle Bracket Nut		
7	90036177	Wear Disc		
8	90008147	Alignment Bushing		
NI	90008185	Alignment Bushing	Non Weld	
NI	90008238	Alignment Bushing	Non Weld	
9	T03-1128	Axle Bracket Bush	Alternative 90008149	
10	93201051	Axle Bracket Bolt		

AIR BAG SUSPENSIONS
NEWAY SUSPENSIONS



Notes

1. Overslung RL228-14 355 mm Ride Height
2. Overslung RL228-15 380 mm Ride Height
3. Overslung RL228-16 – 405 mm Ride Height
4. Overslung RL250-12 305 mm Ride Height
5. Overslung RL250-14 355 mm Ride Height
6. Overslung RL250-15 380 mm Ride Height
7. Overslung RL250-16 405 mm Ride Height
8. Overslung RL250-17 430 mm Ride Height
9. Other ride heights may be encountered. Always check suspension model.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
NEWAY SUSPENSIONS

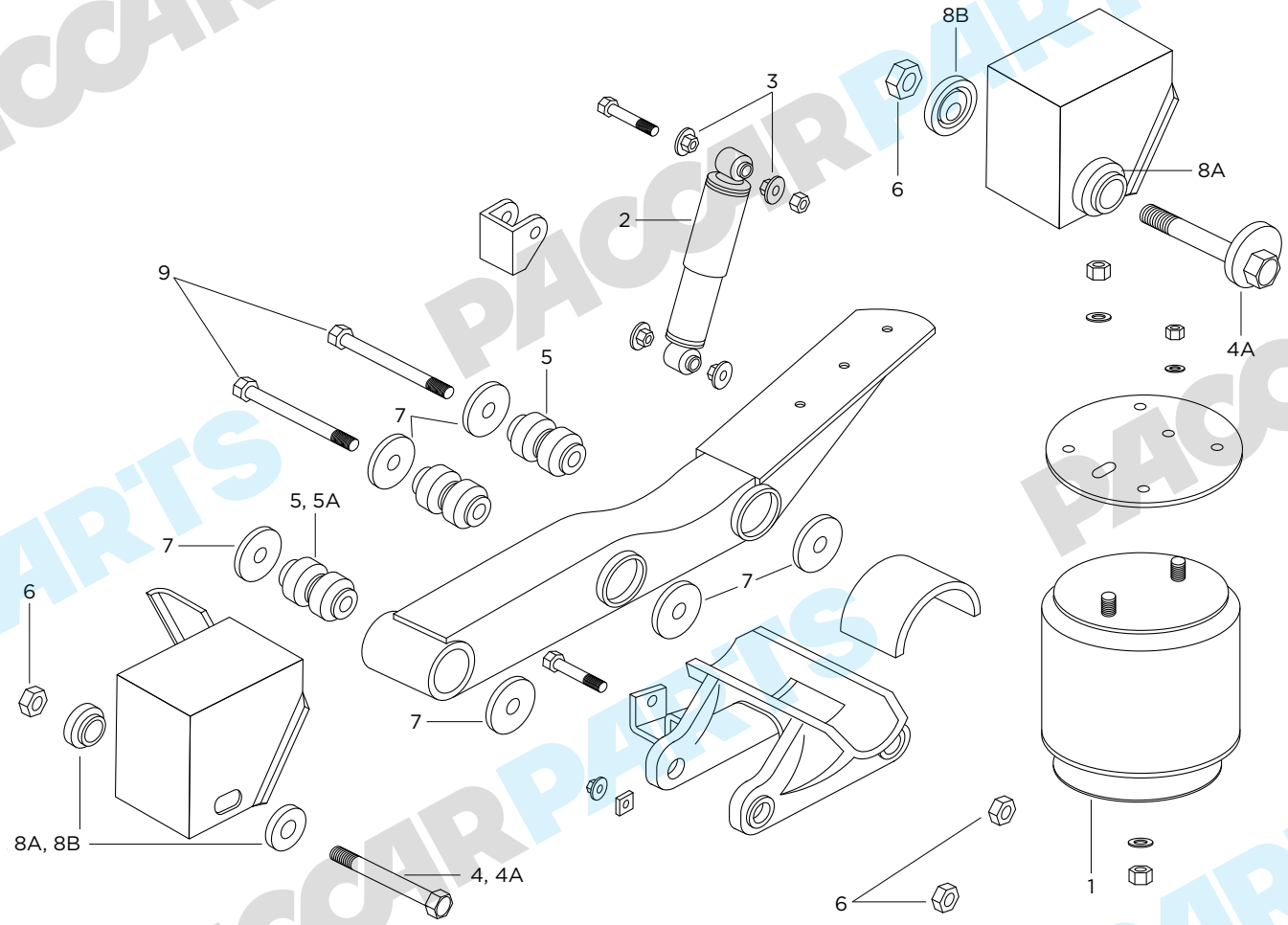
OVERSLUNG RL SUSPENSION			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
1	90557156	Air Spring	All RL228 Models
1A	90557167	Air Spring	RL250-14/15
1B	90557168	Air Spring	RL250 -12/16/17
2	90045338	Shock Absorber	RL228-15
2A	90045534	Shock Absorber	RL250-15
3	90508004	Shock Absorber Bush	
4	93201055	Pivot Bolt	
4A	90508019	Pivot Bolt	Non Weld
5	T03-1128	Bush	Pivot / Axle Alternative 90008149
6	93400506	Pivot Bolt	Axle Bracket Nut
7	90036177	Wear Disc	
8	90008147	Alignment Bushing	
8A	90008185	Alignment Bushing	Non Weld
8B	90008238	Alignment Bushing	Non Weld
9	93201051	Axle Bracket Bolt	
10	90516566	RL228 Beam Assembly	Left Hand Complete With Bush
11	90516567	RL228 Beam Assembly	Right Hand Complete With Bush
12A	90501261	Axle Bracket	Left Hand Inside
12B	90501262	Axle Bracket	Right Hand Inside
13A	90001215	Axle Bracket	Left Hand Outside
13B	90001216	Axle Bracket	Right Hand Outside

See Section 19 For Air Bags

See Sections 20.1 & 20.2 For Shock Absorber Information & Images

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
NEWAY SUSPENSIONS



Notes

1. Underslung RLU228-8 305 mm Ride Height
2. Underslung RLU250-9 230 mm Ride Height
3. Other ride heights may be encountered. Always check suspension model.

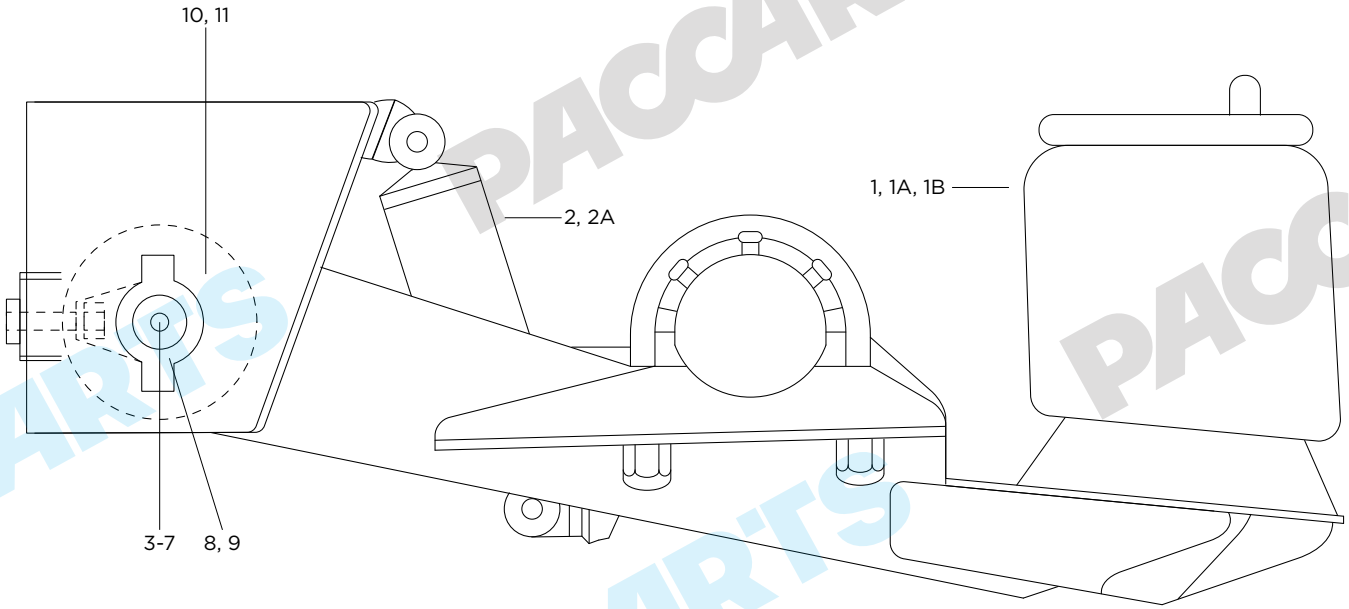
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
NEWAY SUSPENSIONS

UNDERSLUNG RLU SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	90557117	Air Spring		See Section 19 For Air Bags
2	90045337	Shock Absorber		See Sections 20.1 & 20.2 For Shock Absorber Information & Images
3	90508004	Shock Absorber Bush		
4	93201055	Pivot Bolt		
4A	90508019	Pivot Bolt	Non Weld	
5	T03-1128	Pivot Bush	Alternative 90008149	
5A	T03-1127	Pivot Bush	Alternative 90008139 T03-1127 May Be Found On Some Installations	
6	93400506	Pivot Bolt/Axle Bracket Nut		
7	90036177	Wear Disc		
8	90008147	Alignment Bushing		
8A	90008185	Alignment Bushing	Non Weld	
8B	90008238	Alignment Bushing	Non Weld	
9	93201051	Axle Bracket Bolt		

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
REYCO SUSPENSIONS



Notes

1. Underslung 25ARUU 165 mm, 190 mm, 230 mm Ride Height
2. Underslung 30ARUU 230 mm Ride Height
3. Ensure that the parts required are NOT for the similar but older 21AR, 86AR or 87AR model Reyco suspensions.

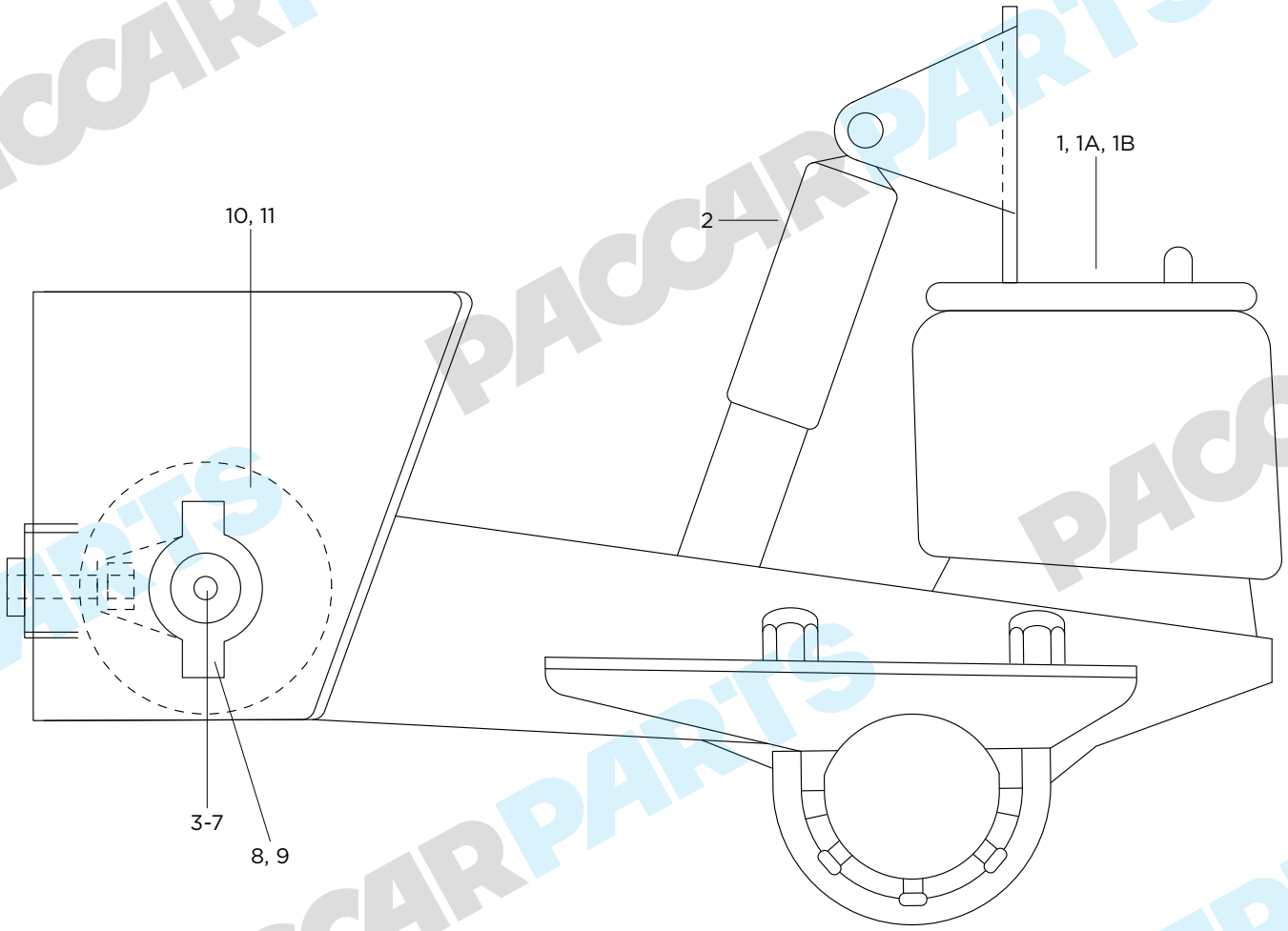
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
REYCO SUSPENSIONS

UNDERSLUNG 25ARUU / 30ARUU SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	B-2066	Air Spring	25ARUU 165 mm Ride Height	See Section 19 For Air Bags
1A	NLA	Air Spring	T03-AS0004 NLA 25ARUU 190 mm, 230 mm, 280 mm, 305 mm Ride Height	
1B	B-3830	Air Spring	30ARUU	
2	T03-4025	Shock Absorber	25ARUU	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	T03-4024	Shock Absorber	30ARUU	
3	T03-1272	Pivot Shaft	Threaded Both Ends	
4	T03-1273	Pivot Shaft - Nut		
5	T03-1274	Pivot Shaft Spring Washer		
6	T03-1275	Pivot Shaft Sleeve	Steel	
7	T03-1276	Sleeve Cover	Plastic	
8	T03-1277	Re-Align Yoke Assembly		
9	T03-1278	Flange Washer	Opposite Side	
10	T03-1123	Wear Spacers		
11	T03-1124	Pivot Bush		See Sections 19 & 19.1 For Air Suspension Bush Information & Images

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
REYCO SUSPENSIONS



Notes

1. Overslung 23ARTU 380 mm, 405 mm, 430 mm Ride Height
2. Overslung 25ARTU 305 mm, 355 mm Ride Height
3. Overslung 30ARTU 380 mm, 430 mm Ride Height
4. Ensure that the parts required are NOT for the similar but older 21AR, 86AR or 87AR model Reyco suspensions.

For further information contact your nearest authorised PACCAR Parts dealer.

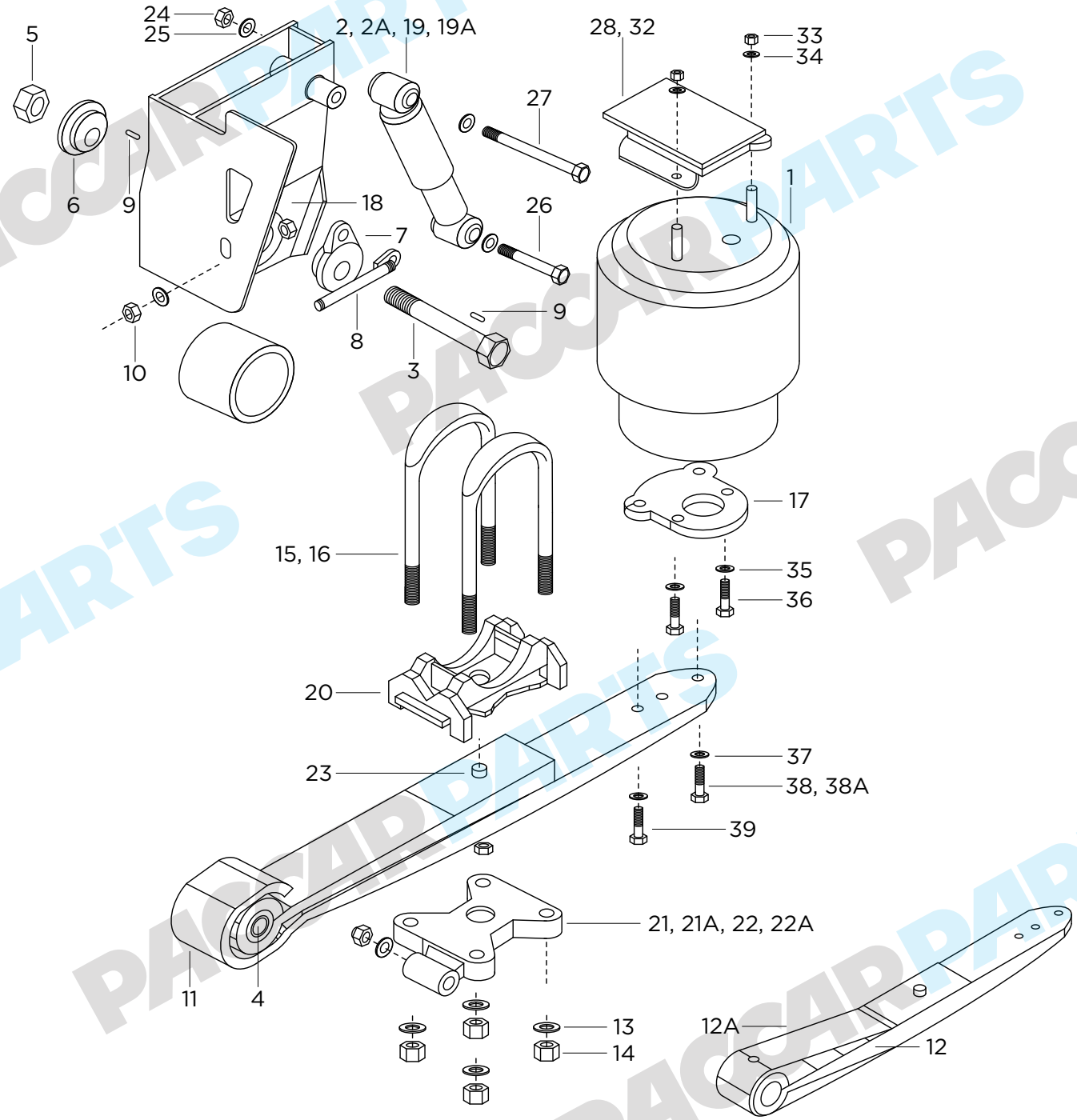
AIR BAG SUSPENSIONS
REYCO SUSPENSIONS

OVERSLUNG 23ARTU / 25ARTU / 30ARTU SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	S-21208	Air Spring	23ARTU	See Section 19 For Air Bags
1A	T03-AS0007	Air Spring	25ARTU	
1B	T03-AS0008	Air Spring	30ARTU	
2	T03-4024	Shock Absorber	23ARTU, 25ARTU, 30ARTU	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
3	T03-1272	Pivot Shaft	Threaded Both Ends	
4	T03-1273	Pivot Shaft - Nut		
5	T03-1274	Pivot Shaft Spring Washer		
6	T03-1275	Pivot Shaft Sleeve	Steel	
7	T03-1276	Sleeve Cover	Plastic	
8	T03-1277	Re-Align Yoke Assembly		
9	T03-1278	Flange Washer	Opposite Side	
10	T03-1123	Wear Spacers		
11	T03-1124	Pivot Bush		See Sections 19 & 19.1 For Air Suspension Bush Information & Images

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

220 mm, 250 mm, 310 mm Ride Height



Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm Long “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

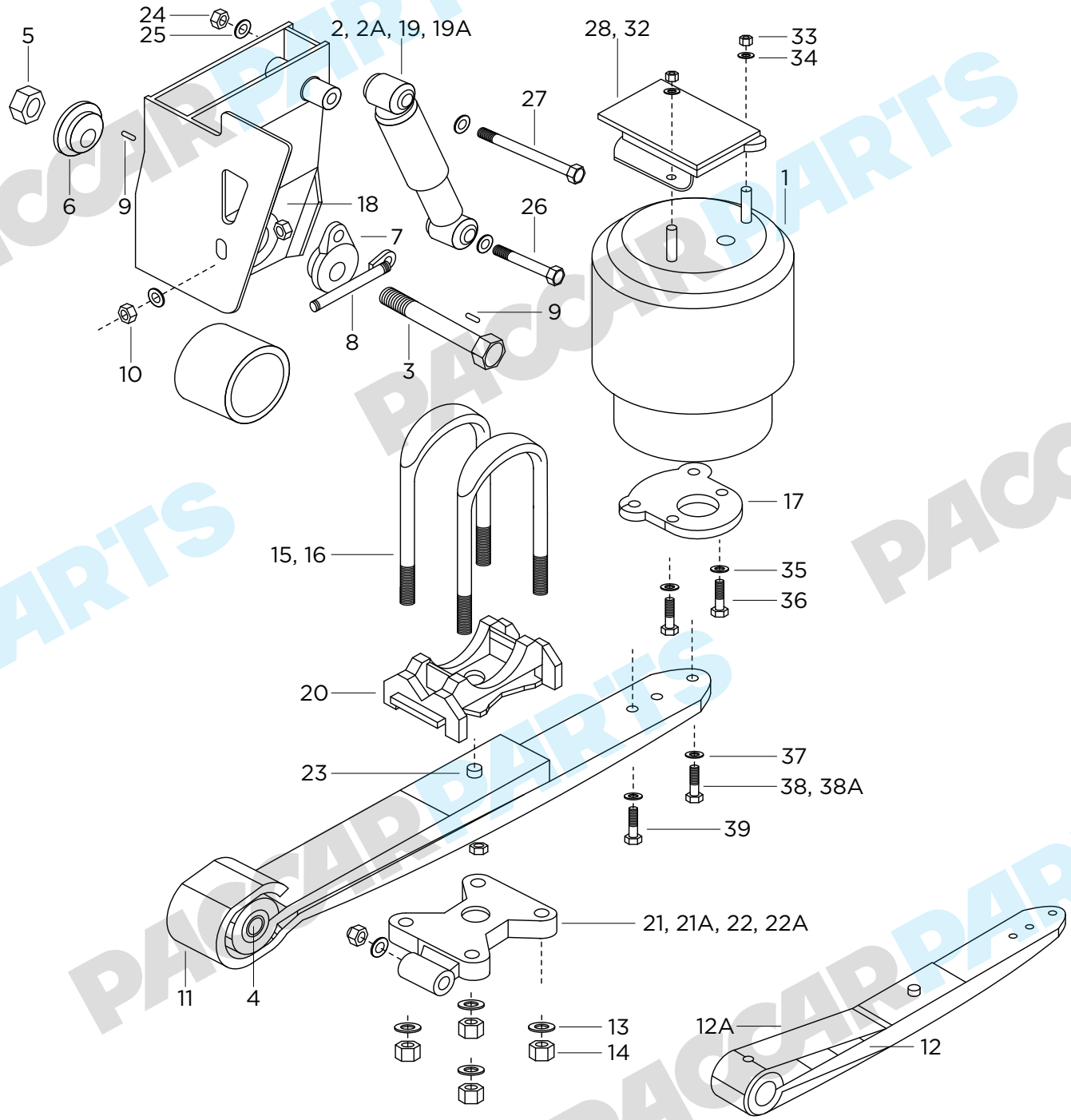
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

MARK I & II UNDERSLUNG HEAVY DUTY AND MONO LITE SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	T03-AS3052-A	Air Spring		See Section 19 For Air Bags
2	91-2227	Shock Absorber	20 mm Bolt	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	912400	Shock Absorber	KONI 24 mm Bolt	
NI	299380	Pivot Bolt Kit	Contains Items 3, 4, 5, 6, 6A, 7, 9	
3	T03-1140	Pivot Bolt		
4	0203169000	Pivot Bush		See Sections 19 & 19.1 For Air Suspension Bush Information & Images
5	T03-1142	Pivot Bolt Nut	M30 Nyloc Grade 8.0	
6	T03-1141	Outer Adjusting Boss		
6A	293067	Adjusting Boss Ring		
7	T03-1144	Inner Adjusting Boss		
7A	293067	Adjusting Boss Ring		
8	T03-1145	Pivot Adjusting Rod		
9	T03-1146	Key - Pivot Bolt	See Note 2	
10	T03-1147	Nut - Adjusting Rod		
11	T03-7371	Spring Beam	Underslung Double Leaf	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
12	T03-7370	Spring Beam	Underslung Single Leaf Suits Mono-Lite Suspension	
12A	T03-7366	Wrapper - Spring		
13	29-4029.A	Washer	U-Bolt	
14	29-4028.A	Nut	U-Bolt	
15	T03-8073	U-Bolt	Double Leaf Spring	See Sections 22.1 & 22.2 For U-Bolt Information & Images
16	T03-8074	U-Bolt	Single Leaf Spring	
17	29-5031.C	Offset Plate		
18	T03-1280	Hanger Repair Boss		
19	T03-4004	Shock Absorber Bush	KONI 20 mm	
19A	7052-25-2671	Shock Absorber Bush	KONI 24 mm	
20	T03-7340	Axle Seat		
21	29-5032-1	Spring Seat	Right Hand 20 mm Shock Absorber Mount	
21A	T03-4031	Spring Seat	Right Hand 24 mm Shock Absorber Mount	

NLA - NO LONGER AVAILABLE | NI - NOT ILLUSTRATED | NA - NOT AVAILABLE

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

220 mm, 250 mm, 310 mm Ride Height



Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm Long “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

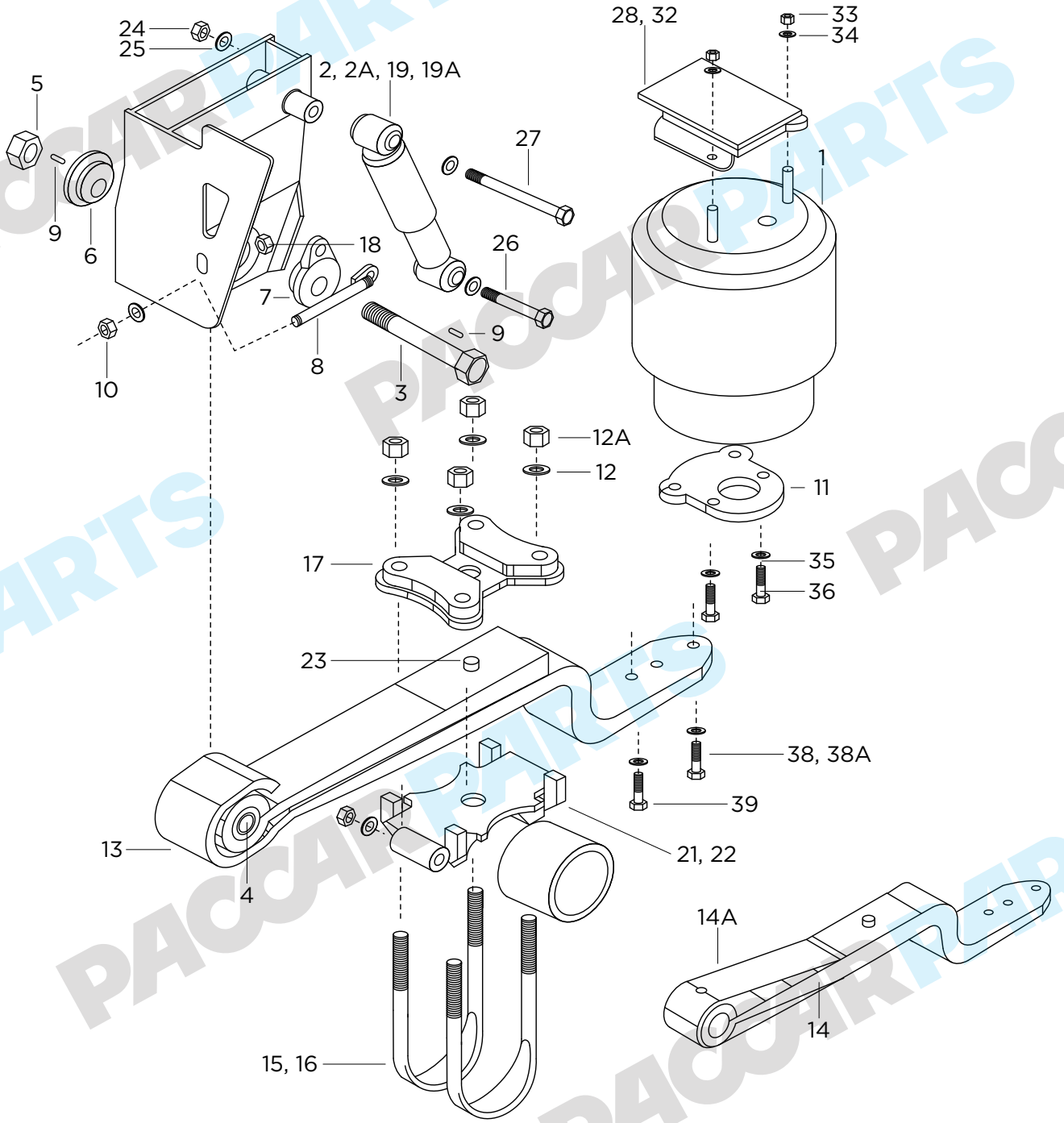
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

MARK I & II UNDERSLUNG HEAVY DUTY AND MONO LITE SUSPENSION			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
22	29-5032-2	Spring Seat	Left Hand 20 mm Shock Absorber Mount
22A	T03-4032	Spring Seat	Left Hand 24 mm Shock Absorber Mount
23	T03-7360	Spring Centre Pin	
24	29-5099.A	Nyloc Nut	M20 Class 8.0 -Shock Absorber
25	29-5043.A	Hardened Washer	M20
26	29-5041.C	Bolt	M20 Length 178 mm Class 12.9
27	29-5040.C	Bolt	M20 Length 226 mm Class 12.9
28	29-5014.A	Air Bag Mount Plate	220 mm Ride Height See Note 3
29	29-5031.C	Air Bag Mount Plate	250 mm Ride Height
30	29-5094.A	Air Bag Mount Plate	310 mm Ride Height See Note 3
31	29-5014.A	Air Bag Mount Plate	220 mm Ride Height Mono Lite See Note 3
32	29-5071.C	Air Bag Mount Plate	250 mm Ride Height Mono Lite See Note 3
33	29-5046.A	Nut	M12 Class 8.0 See Note 3
34	59-5045.A	Spring Washer	M12 See Note 3
35	29-5045.A	Spring Washer	M12 See Note 3
36	29-5044.A	Bolt	M12 Length 40 mm Class 8.0 See Note 3
37	29-5036.A	Spring Washer	See Note 3
38	29-5037-A	Bolt	M16 Length 40 mm Class 8.0 Suits Non Mono-Lite Suspension See Note 3
38A	29-5211.A	Bolt	M16 Length 35 mm Class 8.0 Suits Non Mono-Lite Suspension See Note 3
39	29-5210.A	Bolt	M16 Length 40 mm Class 8.0 Suits Non Mono-Lite Suspension See Note 3

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

370 mm, 420 mm, 480 mm Ride Height



Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

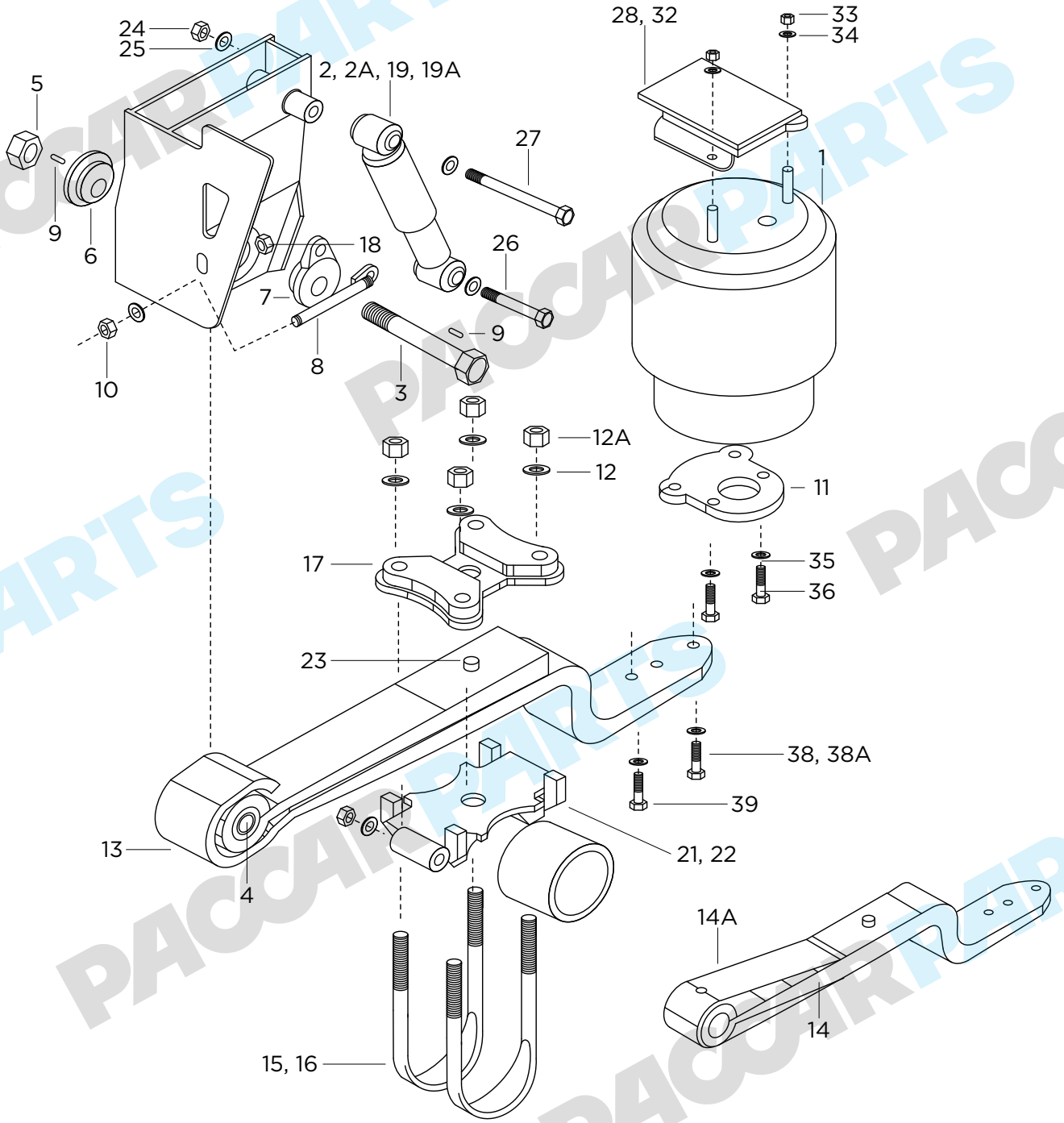
MARK I & II OVERSLUNG HEAVY DUTY AND MONO LITE SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	T03-AS3052-A	Air Spring		See Section 19 For Air Bags
2	91-2227	Shock Absorber	20 mm Bolt	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
2A	912400	Shock Absorber	KONI 24 mm Bolt	
3	299380	Pivot Bolt Kit	Contains Items 3, 4, 5, 6, 6A, 7, 9	
3	T03-1140	Pivot Bolt		
4	0203169000	Pivot Bush		See Section 19 For Air Suspension Bushes
5	T03-1142	Pivot Bolt Nut		
6	T03-1141	Outer Adjusting Boss		
6A	293067	Adjusting Boss Ring		
7	T03-1144	Inner Adjusting Boss		
8	T03-1145	Pivot Adjusting Rod		
9	T03-1146	Key - Pivot Bolt	See Note 2	
10	T03-1147	Nut - Adjusting Rod		
11	29-5031.C	Offset Plate		
12	29-4029.A	Washer	U-Bolt	
12A	29-4028.A	Nut	U-Bolt	
13	T03-7369	Spring Beam	Overslung Double Leaf Spring	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
14	T03-7368	Spring Beam	Suits Mono-Lite Suspension Overslung Single Leaf Spring Complete With Wrapper	
14A	T03-7366	Wrapper - Spring		
15	T03-8073	U-Bolt	305 mm X 127 mm X 20mm Suits Double Leaf Spring	See Sections 22.1 & 22.2 For U-Bolt Information & Images
16	T03-8074	U-Bolt	270 mm X 127 mm X 20 mm Suits Single Leaf Spring	
17	T03-8016	Spring Top Plate	Overslung Suspension	
18	T03-1280	Hanger Repair Boss	2 Per Hanger	
19	T03-4004	Shock Absorber Bush	Suits 90-2227 KONI 20 mm Shock Absorber	
19A	7052-25-2671	Shock Absorber Bush	Suits 91-2400 KONI 24 mm Shock Absorber	
20	T03-7340	Axle Seat		
21	T03-7332	Spring Seat	Underslung suspensions Right Hand	
22	T03-7333	Spring Seat	Underslung suspensions Left Hand	
23	T03-7360	Spring Centre Pin		
24	29-5099.A	Nyloc Nut	M20 Class 8.0 Shock Absorber	

NLA - NO LONGER AVAILABLE | NA - NOT AVAILABLE

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

370 mm, 420 mm, 480 mm Ride Height



Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

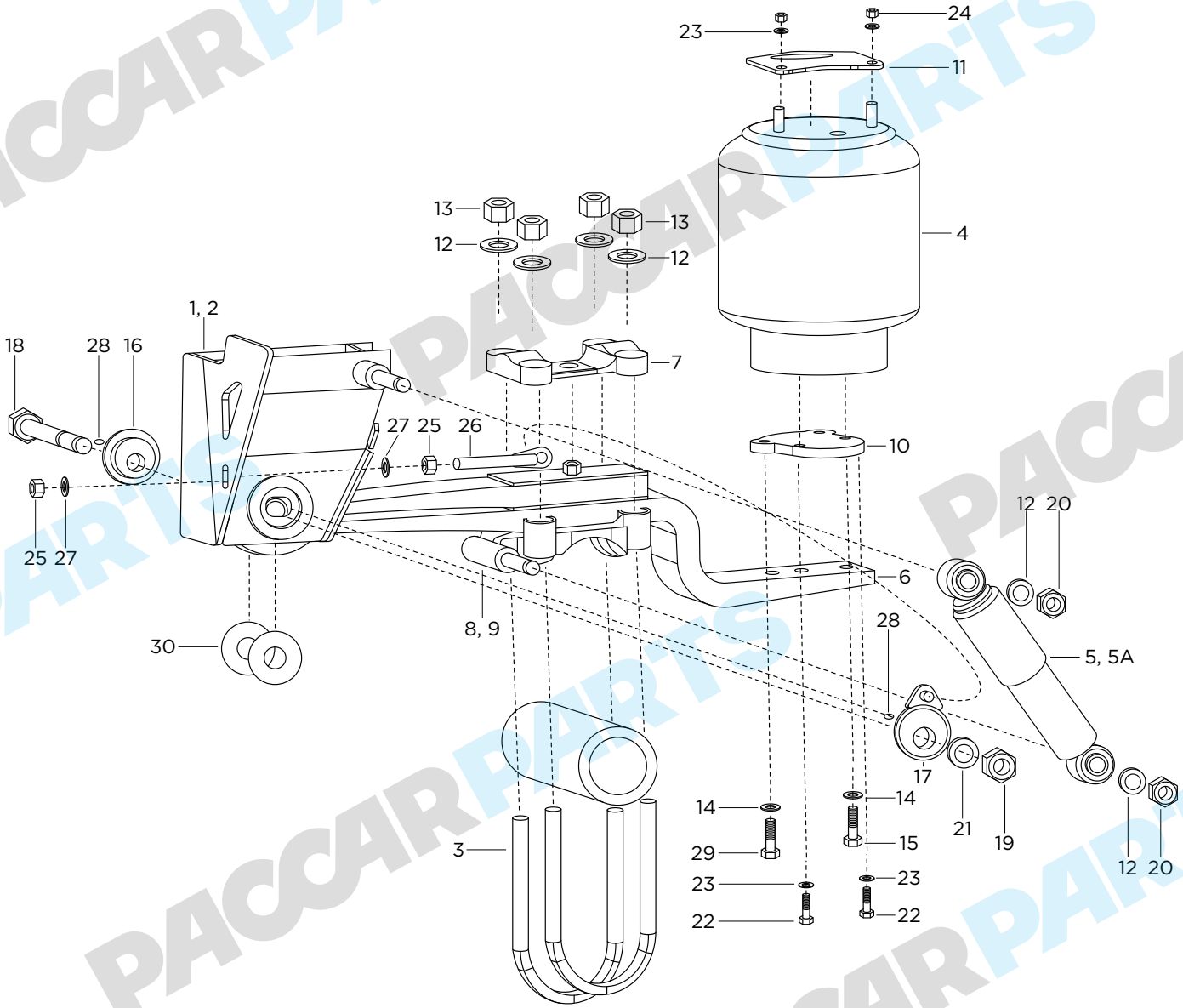
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

MARK I & II OVERSLUNG HEAVY DUTY AND MONO LITE SUSPENSION			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
25	29-5043.A	Hardened Washer	M20
26	29-5041.C	Bolt	M20 Length 178 mm Class 12.9
27	29-5040.C	Bolt	M20 Length 226 mm Class 12.9
28	29-5014.A	Air Bag Mount Plate	370 mm, 390 mm Ride Height
29	29-5071.A	Air Bag Mount Plate	420 mm Ride Height
30	29-5094-A	Air Bag Mount Plate	29-5094-A NA 480 mm Ride Height See Note 3
31	29-5014.A	Air Bag Mount Plate	Mono Lite 390 mm Ride Height See Note 3
32	29-5071.C	Air Bag Mount Plate	Mono Lite 420 mm Ride Height See Note 3
33	29-5046.A	Nut	M12 Class 8.0 See Note 3
34	59-5045.A	Spring Washer	M12 See Note 3
35	29-5045.A	Spring Washer	M12 See Note 3
36	29-5044.A	Bolt	M12 Length 40 mm Class 8.0 See Note 3
37	29-5036.A	Spring Washer	See Note 3
38	29-5037-A	Bolt	M16 Length 40 mm Class 8.0 Suits Non Mono-Lite Suspension See Note 3
38A	29-5211.A	Bolt	M16 Length 35 mm Class 8.0 Suits Non Mono-Lite Suspension See Note 3
39	29-5064.B	Bolt	M16 Length 50 mm Class 8.0 Suits Non Mono-Lite Suspension See Note 3
39A	29-5210.A	Bolt	M16 Length 40 mm Class 8.0 Suits Non Mono-Lite Suspension See Note 3

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

370 mm, 390 mm Ride Height



Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

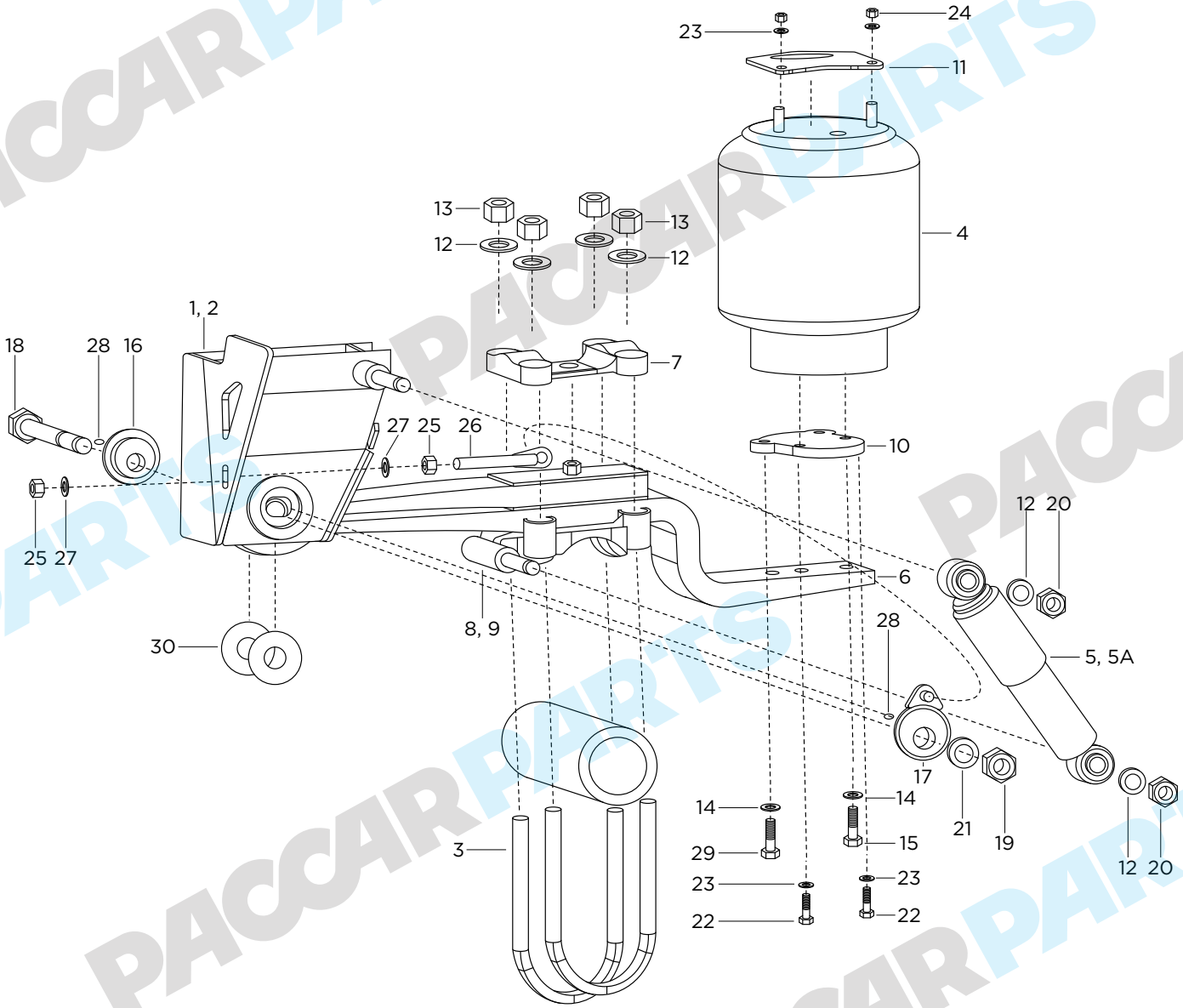
MARK III OVERSLUNG HD300-OS STANDARD SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	NLA	Hanger Assembly	29-5145-1 NLA Right Hand Mark-III	
2	29-5145-2	Hanger Assembly	Right Hand Mark-III	
3	T03-8073	U-Bolt	305 mm X 127 mm X 20 mm Suits Double Leaf Spring	See Sections 22.1 & 22.2 For U-Bolt Information & Images
4	TRP21221307	Air Spring		See Section 19 For Air Bags
5	912400	Shock Absorber	KONI 24 mm Bolt	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
5A	7052-25-2671	Shock Absorber Bush	Suits 91-2400 KONI 24 mm Shock Absorber	
6	T03-7369	Spring Beam	Overslung Double Leaf Spring	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
NI	0203169000	Pivot Bush		See Sections 19 & 19.1 For Air Suspension Bush Information & Images
6B	295001	Centre Bolt		
6C	295049	Nut	295049 NA Centre Bolt See Note 3	
7	T03-8016	Spring Top Plate	Overslung Suspension	
8	29-5333-R	Axle Saddle Assembly	29-5333-R NA Right Hand See Note 3	
9	29-5333-3R	Axle Saddle Assembly	29-5333-3R NA Left Hand See Note 3	
10	29-5031	Plate Mount	29-5031 NLA Offset	
11	29-5014	Plate Mount	29-5014 NA Air Bag See Note 3	
12	29-5330	Washer	29-5330 NA M24 See Note 3	
13	29-5339-1	Nut	M24	
14	29-5036	Spring Washer	29-5036 NA M16 See Note 3	
15	29-5037-1	Bolt	29-5037-1 NA M16 40 mm Long Class 8.8 See Note 3	
16	29-5053-4	Boss	Adjusting	

NLA - NO LONGER AVAILABLE | NA - NOT AVAILABLE | NI - NOT ILLUSTRATED

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

370 mm, 390 mm Ride Height



Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

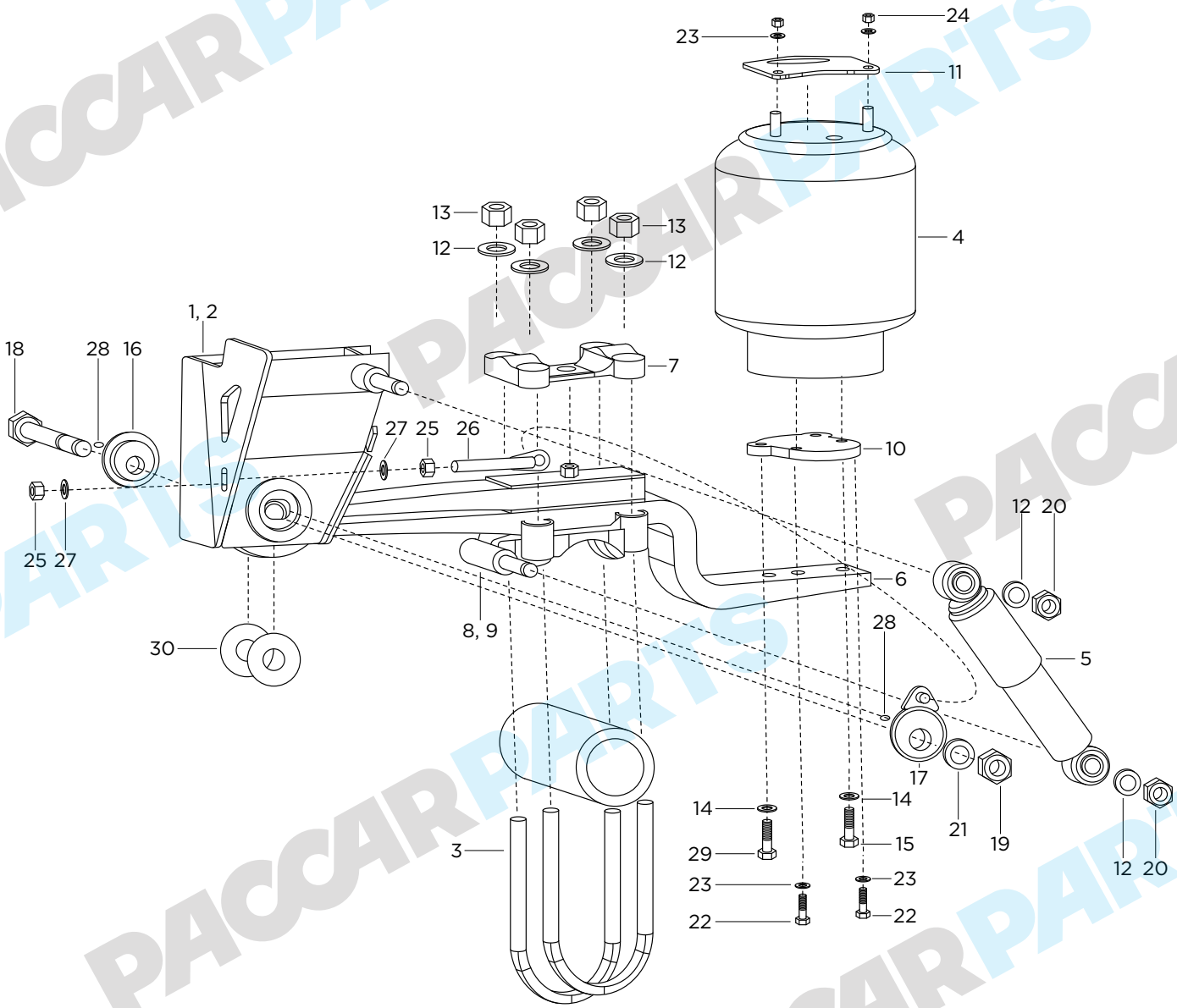
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

MARK III OVERSLUNG HD300-OS STANDARD SUSPENSION			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
17	29-5050-2	Boss	Adjusting Assembly
18	T03-1140	Pivot Bolt	
19	T03-1142	Pivot Bolt Nut	
20	29-5329	Pivot Nut	29-5329 NA M24 NYLOC See Note 3
21	99-3108	Spring Washer	99-3108 NA 30 mm Diameter See Note 3
22	29-5044	Bolt	29-5044 NA M12 X 40 mm Long See Note 3
23	29-5045	Spring Washer	29-5045 NA 12 mm Diameter See Note 3
24	29-5046	Nut	29-5046 NA M12 See Note 3
25	T03-1147	Nut	T03-1147 NA Adjusting Rod See Note 3
26	T03-1145	Pivot Adjusting Rod	T03-1145 NA See Note 3
27	29-5065	Washer	16 mm Diameter
28	T03-1146	Key - Pivot Bolt	See Note 2
29	29-5064	Bolt	29-5064 NA M16 X 50 mm Long See Note 3
30	29-5147-1	Washer	29-5147-1 NA Internal See Note 3

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

370 mm, 390 mm Ride Height



Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

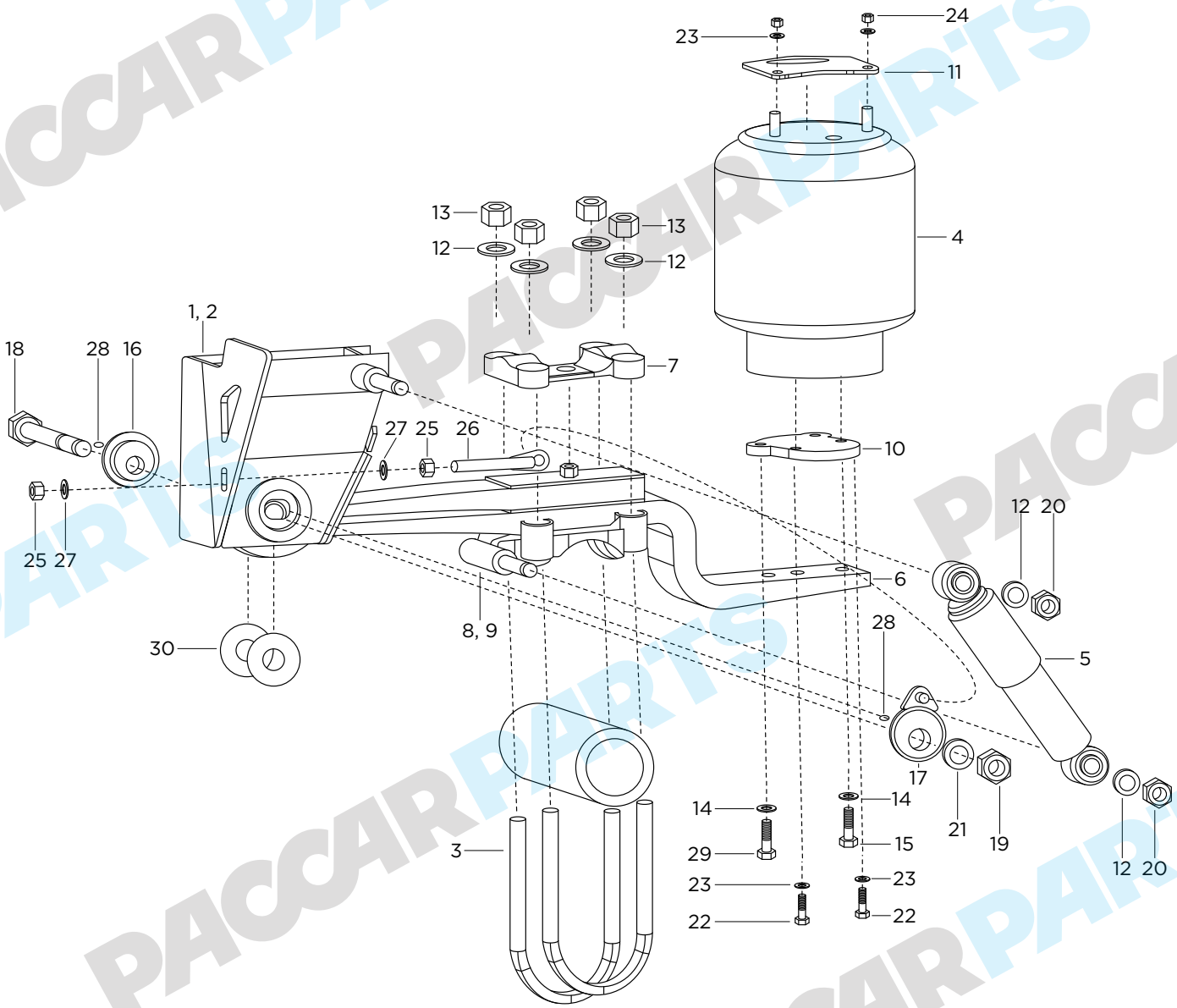
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

MARK III OVERSLUNG ML300-OS MONO-LITE SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	NLA	Hanger Assembly	29-5145-1 NLA Right Hand Mark-III	
2	29-5145-2	Hanger Assembly	Right Hand Mark-III	
3	T03-8073	U-Bolt	305 mm X 127 mm X 20mm Suits Double Leaf Spring	See Sections 22.1 & 22.2 For U-Bolt Information & Images
4	TRP21221307	Air Spring	Diameter 300 mm	See Section 19 For Air Bags
5	912400	Shock Absorber	KONI 24 mm Bolt	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
5A	7052-25-2671	Shock Absorber Bush	Suits 91-2400 KONI M24 Shock Absorber	
6	T03-7368	Spring Arm	Includes Wrapper	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
6A	0534830050	Wrapper - Spring		
6B	29.5254.1	Wrapper - Leaf	29.5254.1 NA See Note 3	
6C	0203169000	Pivot Bush		See Sections 19 & 19.1 For Air Suspension Bush Information & Images
6D	814955	Centre Bolt	814955 NA See note 3	
6E	295049	Nut	295049 NA Centre Bolt See Note 3	
7	T03-8016	Spring Top Plate	Overslung Suspension	
8	29-5333-3R	Axle Saddle Assembly	29-5333-3R NA Right Hand See Note 3	
9	29-5333-3L	Axle Saddle Assembly	29-5333-3L NA Left Hand See Note 3	
10	29-5031	Plate Mount	29-5031 NLA Offset	
11	29-5014	Plate Mount	29-5014 NA Air Bag See Note 3	
12	29-5330	Washer	29-5330 NA M24 See Note 3	
13	29-5339-1	Nut	M24	
14	29-5036	Spring Washer	29-5036 NA M16 See Note 3	

NLA - NO LONGER AVAILABLE | NA - NOT AVAILABLE

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

370 mm, 390 mm Ride Height



Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

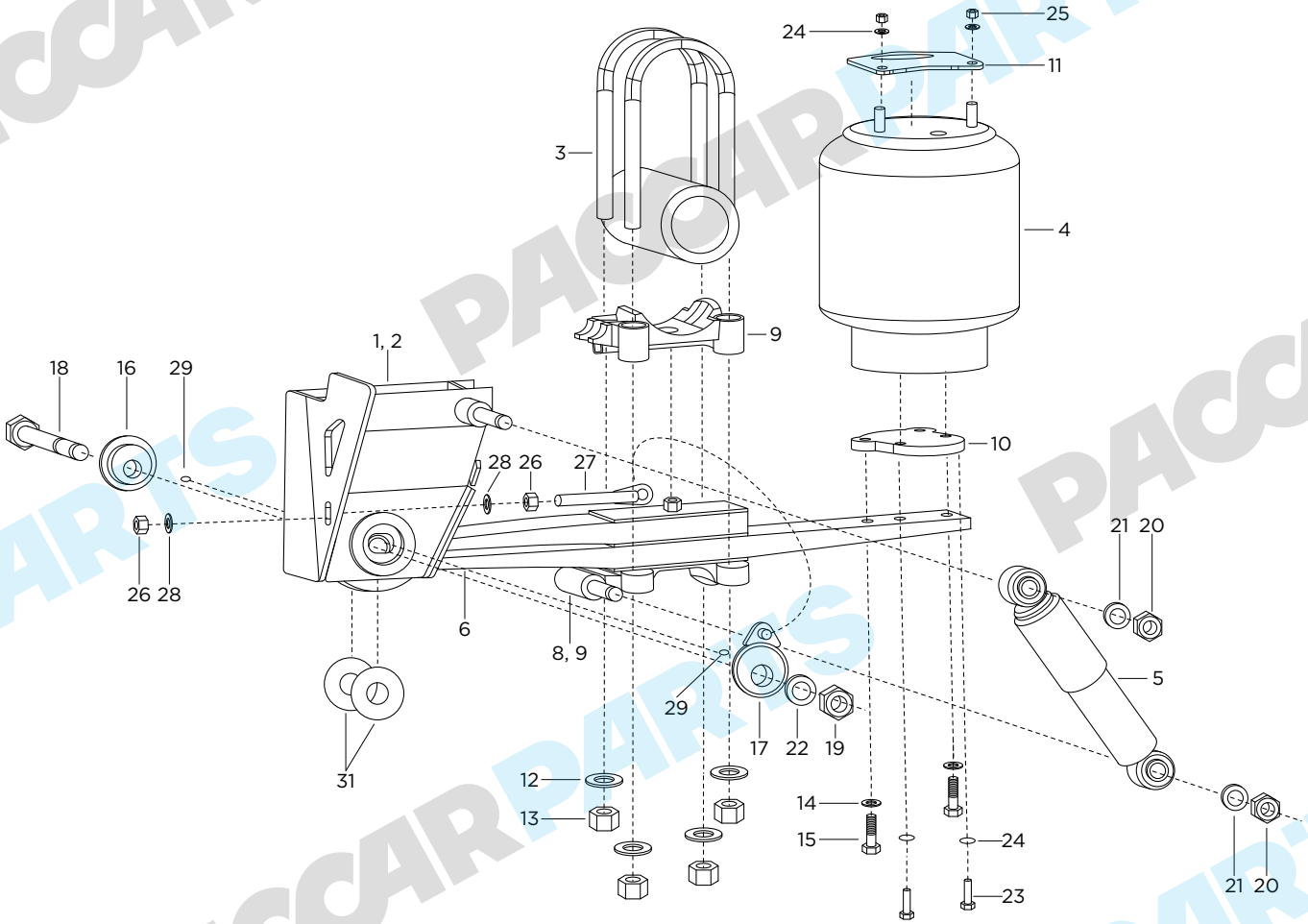
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

MARK III OVERSLUNG ML300-OS MONO-LITE SUSPENSION			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
15	29-5211	Bolt	29-5211 NA M16 X 35mm Long Class 8.8 See Note 3
16	29-5053-4	Boss	Adjusting
17	29-5050-2	Boss	Adjusting Assembly
18	T03-1140	Pivot Bolt	
19	T03-1142	Pivot Bolt Nut	
20	29-5329	Pivot Nut	29-5329 NA M24 NYLOC See Note 3
21	99-3108	Spring Washer	99-3108 NA 30 mm Diameter See Note 3
22	29-5147-1	Washer	29-5147-1 NA Internal See Note 3
23	29-5044	Bolt	29-5044 NA M12 X 40 mm Long See Note 3
24	29-5045	Spring Washer	29-5045 NA 12 mm Diameter See Note 3
25	29-5046	Nut	29-5046 NA M12 See Note 3
26	T03-1147	Nut	T03-1147 NA Adjusting Rod See Note 3
27	T03-1145	Pivot Adjusting Rod	T03-1145 NA See Note 3
28	29-5065	Washer	16 mm Diameter
29	T03-1146	Key - Pivot Bolt	See Note 2
30	29-5210	Bolt	29-5210 NA M16 X 45 mm Long See Note 3

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

200 mm Ride Height



Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm Long “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

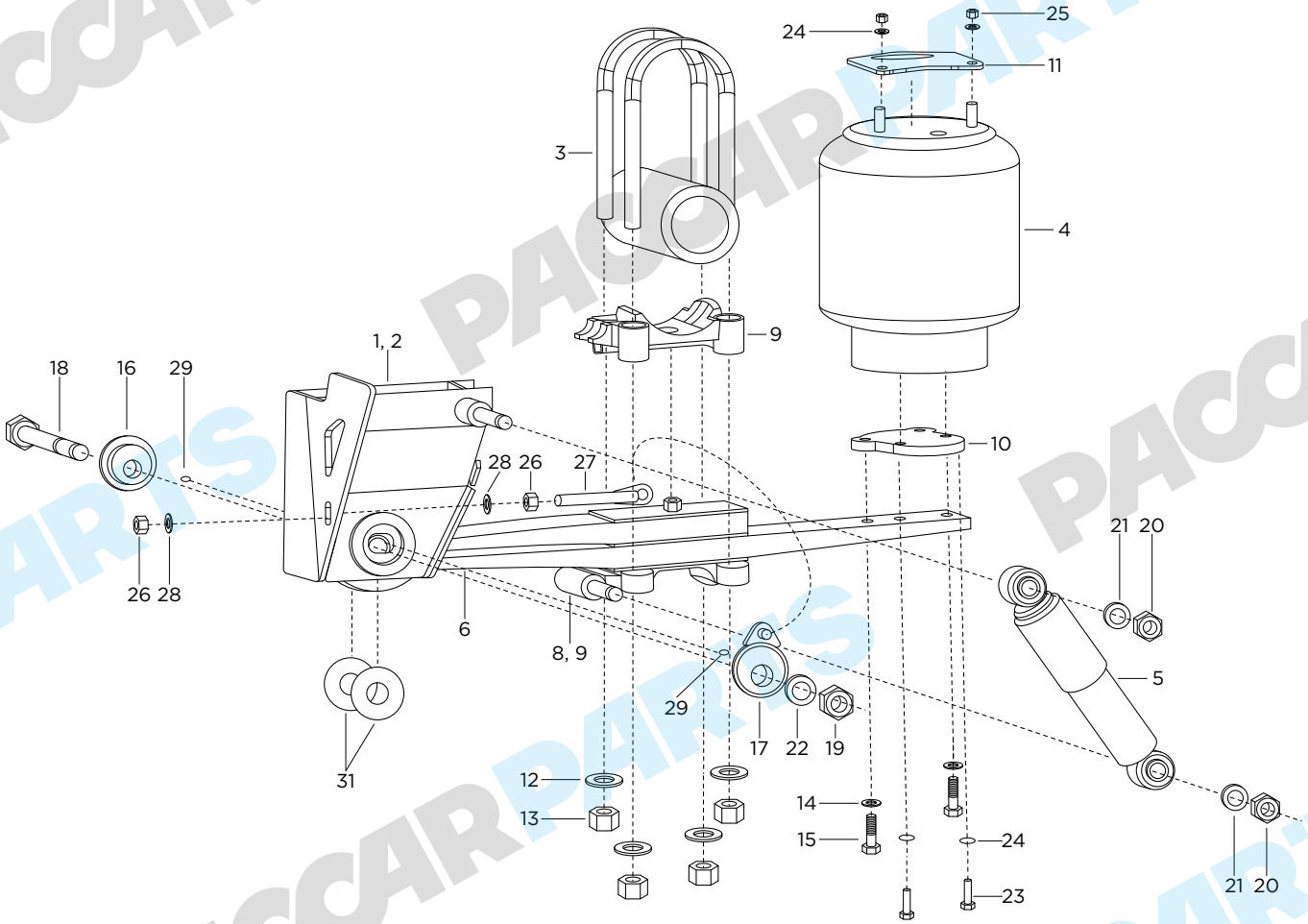
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

MARK III HD300-US UNDERSLUNG STANDARD SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	NLA	Hanger Assembly	29-5145-1 NLA Right Hand Mark-III	
2	29-5145-2	Hanger Assembly	Right Hand Mark-III	
3	T03-8073	U-Bolt	305 mm X 127 mm X 20mm Suits Double Leaf Spring	See Sections 22.1 & 22.2 For U-Bolt Information & Images
4	TRP21221307	Air Spring	Diameter 300 mm	See Section 19 For Air Bags
5	912400	Shock Absorber	KONI 24 mm Bolt	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
5A	7052-25-2671	Shock Absorber Bush	Suits 912400 KONI 24 mm Bolt Shock Absorber	
6	T03-7369	Spring Beam	Overslung Double Leaf Spring	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
6A	0203169000	Pivot Bush		See Sections 19 & 19.1 For Air Suspension Bush Information & Images
7	T03-8016	Spring Top Plate	Overslung Suspension	
8	NLA	Axle Saddle Assembly	29-5333-1 NLA Right Hand 24 mm Shock Absorber Peg	
9	NLA	Axle Saddle Assembly	29-5333-2 NLA Left Hand 24 mm Shock Absorber Peg	
10	29-5031	Plate Mount	29-5031 NLA Offset	
11	29-5014	Plate Mount	29-5014 NA Air Bag See Note 3	
12	29-5330	Washer	29-5330 NA M24 See Note 3	
13	29-5339-1	Nut	M24	
14	29-5036	Spring Washer	29-5036 NA M16 See Note 3	
15	29-5037-1	Bolt	29-5037-1 NA M16 40 mm Long Class 8.8	
16	29-5053-4	Boss	Adjusting	
17	29-5050-2	Boss	Adjusting Assembly	
18	T03-1140	Pivot Bolt	M30	
19	T03-1142	Pivot Bolt Nut	M30 NYLOC Nut	

NLA - NO LONGER AVAILABLE | NA - NOT AVAILABLE

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

200 mm Ride Height



Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm Long “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

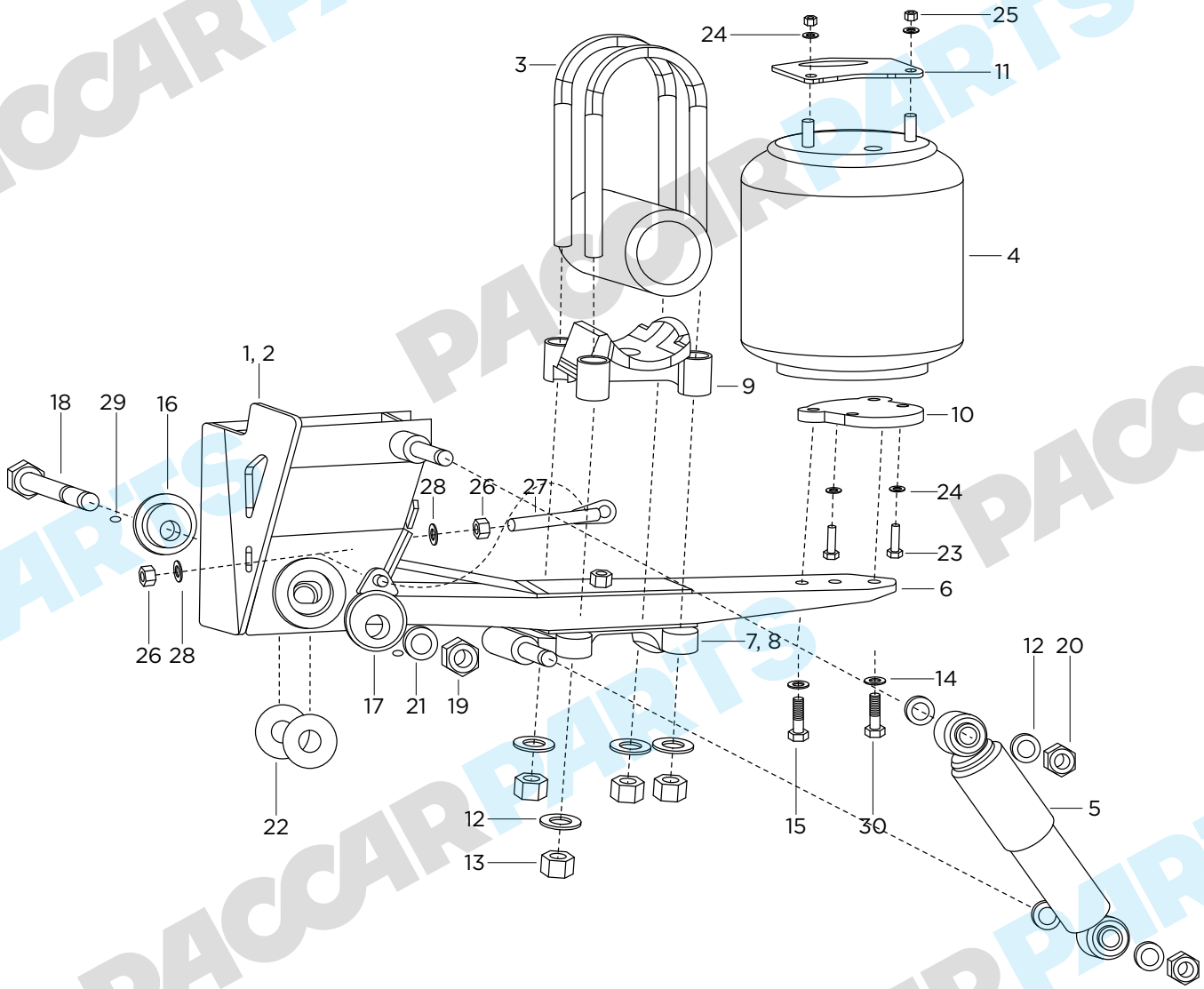
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

MARK III HD300-US UNDERSLUNG STANDARD SUSPENSION			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
20	29-5329	Pivot Nut	29-5329 NA M24 NYLOC See Note 3
21	99-3108	Spring Washer	99-3108 NA 30 mm Diameter See Note 3
22	29-5044	Bolt	29-5044 NA M12 X 40 mm Long See Note 3
23	29-5045	Spring Washer	29-5045 NA 12 mm Diameter See Note 3
24	29-5046	Nut	29-5046 NA M12 See Note 3
25	T03-1147	Nut	T03-1147 NA Adjusting Rod See Note 3
26	T03-1145	Pivot Adjusting Rod	T03-1145 NA See Note 3
27	29-5065	Washer	16 mm Diameter
28	T03-1146	Key - Pivot Bolt	See Note 2
29	29-5064	Bolt	29-5064 NA M16 X 50 mm Long See Note 3
30	29-5147-1	Washer	29-5147-1 NA Internal See Note 3

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

220 mm Ride Height



Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

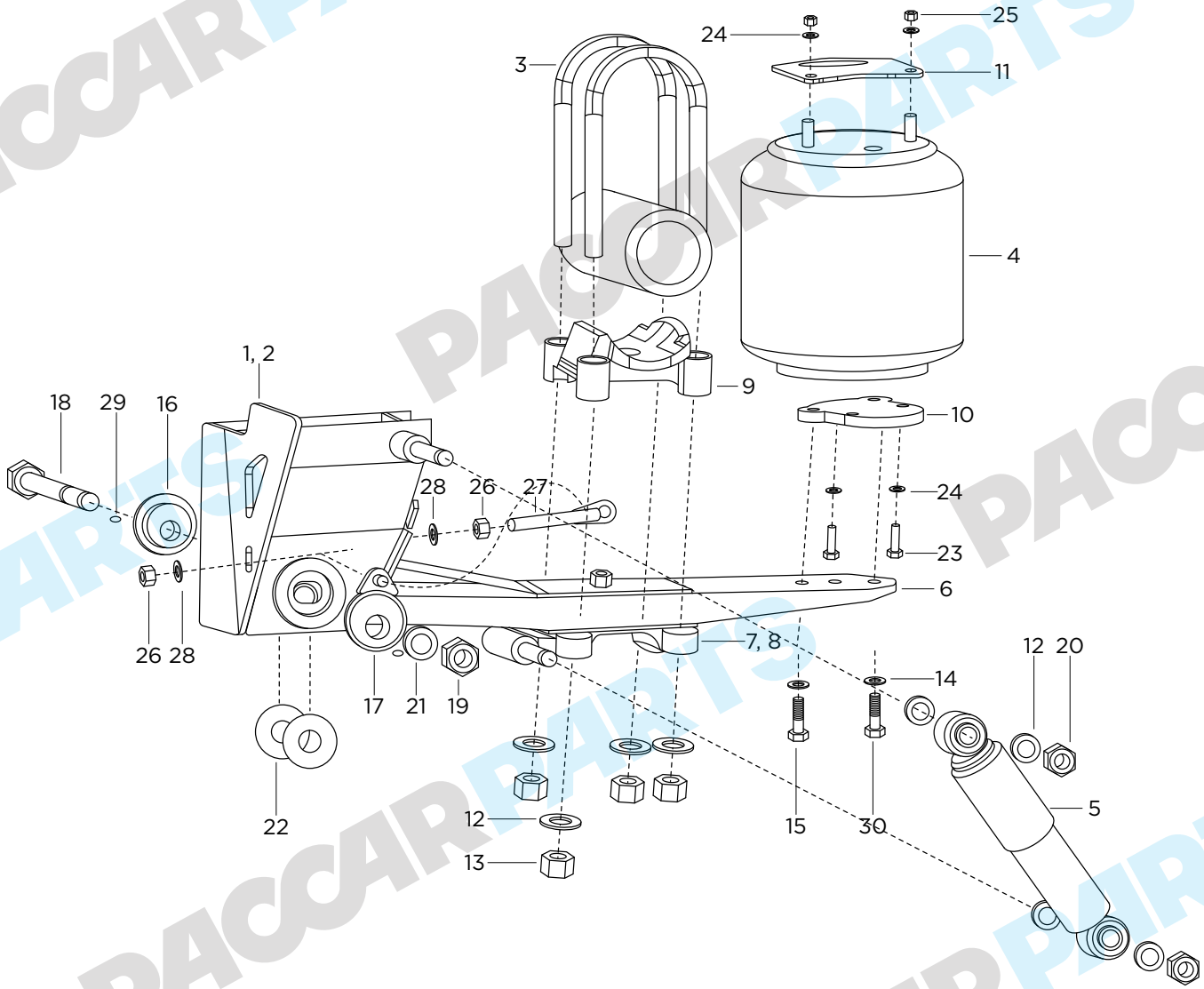
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

MARK III MONO LITE ML300-US UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	NLA	Hanger Assembly	29-5145-1 NLA Right Hand Mark-III	
2	29-5145-2	Hanger Assembly	Right Hand Mark-III	
3	T03-8073	U-Bolt	305 mm X 127 mm X 20mm Suits Double Leaf Spring	See Sections 22.1 & 22.2 For U-Bolt Information & Images
4	TRP21221307	Air Spring		See Section 19 For Air Bags
5	912400	Shock Absorber	KONI 24 mm Bolt	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
5A	7052-25-2671	Shock Absorber Bush	Suits 91-2400 KONI 24 mm Shock Absorber	
6	T03-7369	Spring Beam	Overslung Double Leaf Spring	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
6A	T03-7366	Wrapper - Spring		
6B	0203169000	Pivot Bush		See Sections 19 & 19.1 For Air Suspension Bush Information & Images
7	NLA	Axle Saddle Assembly	29-5333-1 NLA Right Hand 24 mm Shock Absorber Peg	
8	NLA	Axle Saddle Assembly	29-5333-2 NLA Left Hand 24 mm Shock Absorber Peg	
9	29-5086	Axle Saddle	29-5086 NA Cast Axle Saddle See Note 3	
10	29-5031	Plate Mount	29-5031 NLA Offset	
11	29-5017	Mount Plate	29-5017 NA Air Bag Upper See Note 3	
12	29-5330	Washer	29-5330 NA M24 See Note 3	
13	29-5339-1	Nut	M24	
14	29-5036	Spring Washer	29-5036 NA M16 See Note 3	
15	29-5210	Bolt	29-5210 NA M16 45 mm Long Grade 8.8 Note 3	
16	29-5053-4	Boss	Adjusting	
17	29-5050-2	Boss	Adjusting Assembly	

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

220 mm Ride Height



Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

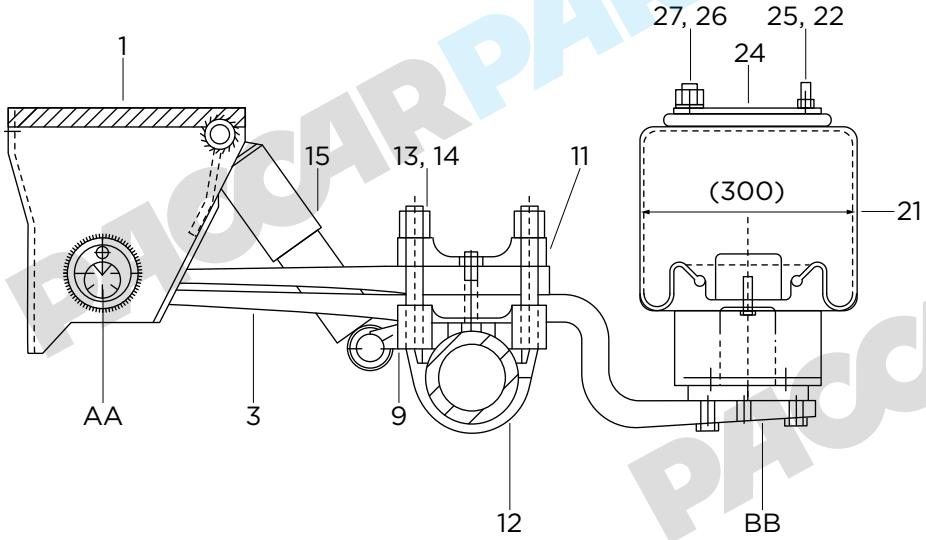
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

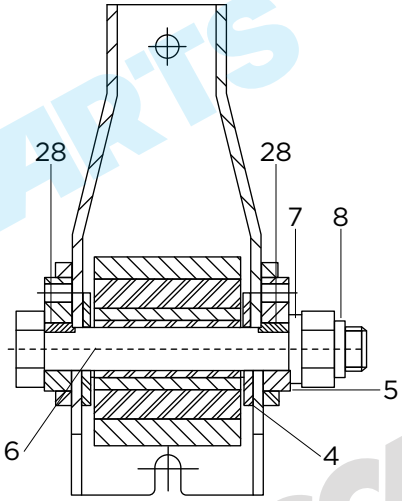
MARK III MONO LITE ML300-US UNDERSLUNG SUSPENSION			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
18	T03-1140	Pivot Bolt	M30
19	T03-1142	Pivot Bolt Nut	M30 NYLOC Nut
20	29-5329	Pivot Nut	29-5329 NA M24 NYLOC See Note 3
21	99-3108	Spring Washer	99-3108 NA 30 mm Diameter
22	29-5147-1	Washer	29-5147-1 NA Internal
23	29-5044	Bolt	29-5044 NA M12 X 40 mm Long
24	29-5045	Spring Washer	29-5045 NA 12 mm Diameter
25	T03-1147	Nut	T03-1147 NA Adjusting Rod
26	T03-1145	Pivot Adjusting Rod	T03-1145 NA See Note 3
27	29-5065	Washer	16 mm Diameter
28	T03-1146	Key - Pivot Bolt	See Note 2
25	T03-1147	Nut	T03-1147 NA Adjusting Rod
30	29-5211	Bolt	29-5211 NA M16 35 mm Long Grade 8.8 See Note 3

NLA - NO LONGER AVAILABLE

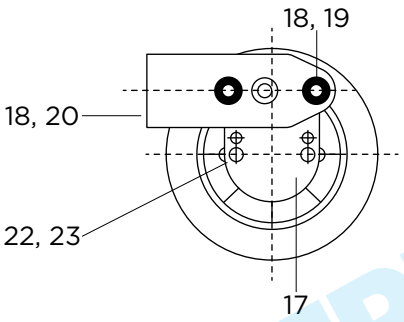
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

Pressed Hangers - 2 Leaf Springs
370 mm - 390 mm, 420 mm, 480 mm Ride Height





SECTION A-A



SECTION B-B

Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers. NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

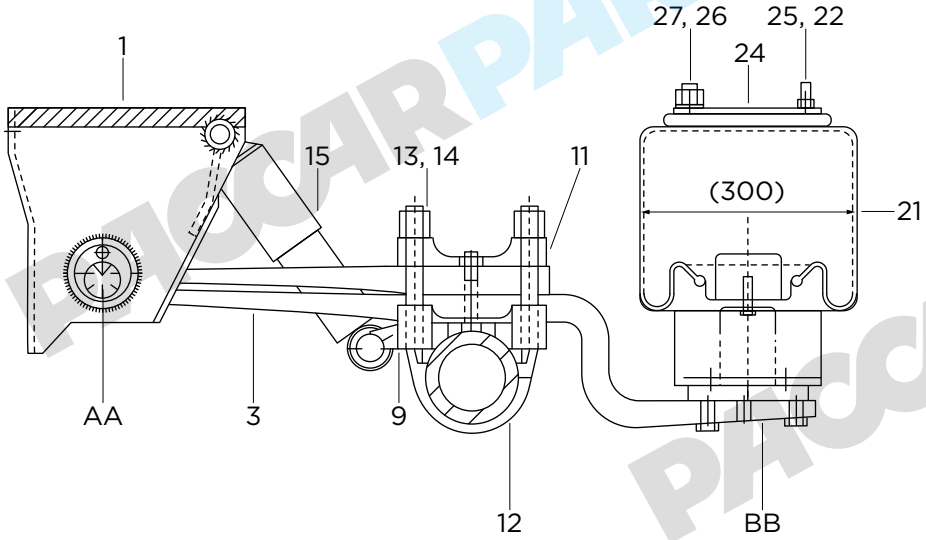
MARK IV OVERSLUNG SUSPENSION

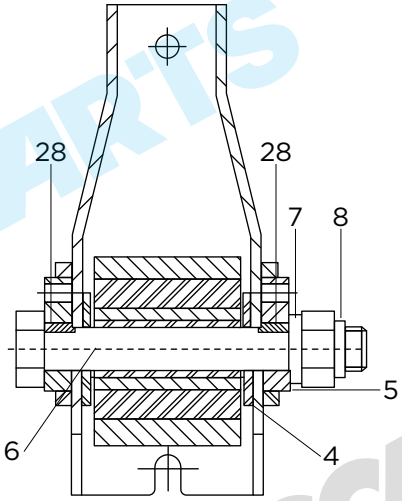
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	29-5169-2.G	Hanger	29-5169-2.G NA Left Hand 302 mm 370 mm, 390 mm Ride Height See Note 3	
	29-5171-2.D	Hanger	29-5171-2.D NA Left Hand 332 mm 480 mm Ride Height See Note 3	
	29-5172-2.D	Hanger	Left Hand 392 mm 480 mm Ride Height	
2	29-5169-1.G	Hanger	Right Hand 302 mm 370 mm, 390 mm Ride Height	
	29-5171-1.D	Hanger	Right Hand 332 mm 420 mm Ride Height	
	29-5172-1.D	Hanger	Right Hand 392 mm 480 mm Ride Height	
3	29-5003	Spring Arm	2 Leaf Overslung	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
3A	0203169000	Pivot Bush		See Sections 19 & 19.1 For Air Suspension Bush Information & Images
4	29-5147-1A	Washer	Internal	
5	29-5342-1.C	Boss	Adjusting	
6	T03-1140	Pivot Bolt	M30	
7	99-3108	Spring Washer	99-3108 NA M30 See Note 3	
8	T03-1142	Nut	M30 NYLOC Grade 8.0	
9	29-5333-4.A	Top Plate Assembly	29-5333-4.A NA Left Hand 218 mm Stud See Note 3	
10	29-5333-3.A	Top Plate Assembly	29-5333-3.A NA Right Hand 218 mm Stud See Note 3	
11	29-5029.1	Top Plate		
12	T03-8073AU	U-Bolt	M24 Standard	See Sections 22.1 & 22.2 For U-Bolt Information & Images
13	29-5330	Washer	29-5330 NA M24 Hardened See Note 3	
14	29-5339-1.A	Nut U-Bolt	29-5339-1.A NA M24 See Note 3	

NLA - NO LONGER AVAILABLE | NA - NOT AVAILABLE

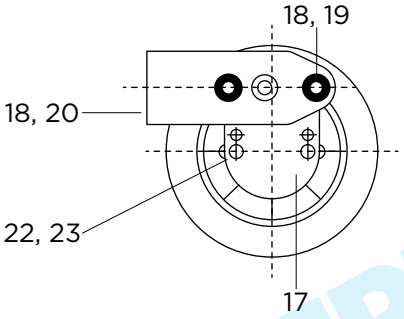
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

Pressed Hangers - 2 Leaf Springs
370 mm - 390 mm, 420 mm, 480 mm Ride Height





SECTION A-A



SECTION B-B

Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers. NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

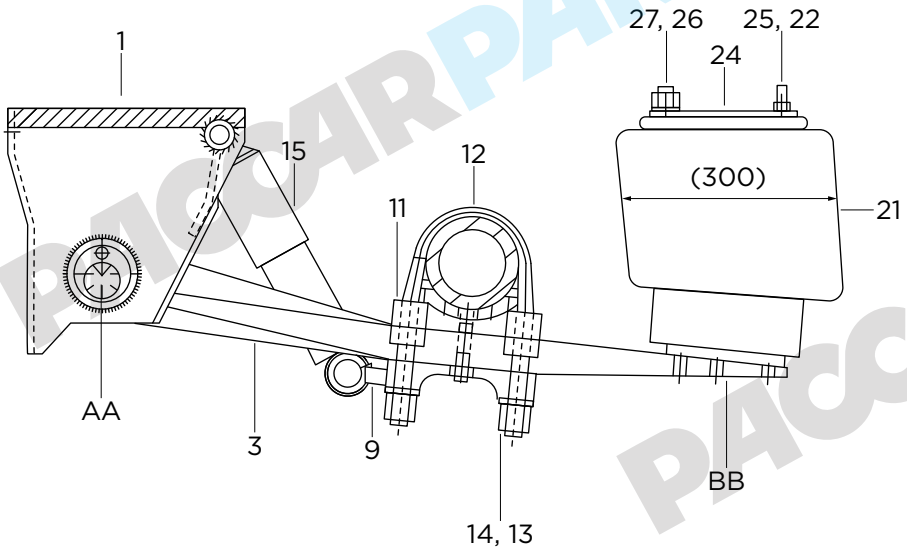
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

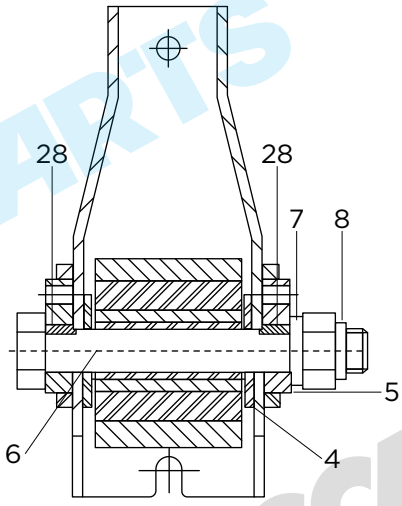
MARK IV OVERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
15	912400	Shock Absorber	KONI 24 mm Bolt	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
15A	7052-25-2671	Shock Absorber Bush	KONI 24 mm	
17	29-5031-7.A	Plate Offset	29-5031-7.A NA See Note 3	
18	NA	Spring Washer	M16 See Note 3	
19	NA	Bolt	M16 40 mm Long Grade 8.8 See Note 3	
20	NA	Bolt	M16 50 mm Long Grade 8.8 See Note 3	
21	1R11-866	Air Bag	Late Style 2 Stud No Separate Air Supply Port	See Section 19 For Air Bags
	T03-AS3115-A	Air Bag	Alternative to 1R11-866	
21A	TRP21221307	Air Bag	Early Style 2 Stud 1 Separate Air Supply Port	
22	NA	Washer – M12	M12 See Note3	
23	NA	Bolt – M12 x 40mm (8.8)	M12 40 mm Long Grade 8.8 See Note 3	
24	29-5014-4.B	Plate Mounting	29-5014-4.B NA 220 mm Ride Height See Note 3	
24	29-5071-2.A	Pedestal	29-5071-2.A NA 250 mm Ride Height (Pair) See Note 3	
24	29-5094-4.A	Pedestal	29-5094-4.A NA 300 mm 320 mm Ride Height (Pair) See Note 3	
25	NA	Nut	M12 Grade 8.0 See Note 3	
26	NA	Nut	M22 Grade 8.0 See Note 3"	
27	NA	Spring Washer	7/8" See Note 3	
28	T03-1146	Key	See Note 2	

NLA - NO LONGER AVAILABLE | NA - NOT AVAILABLE

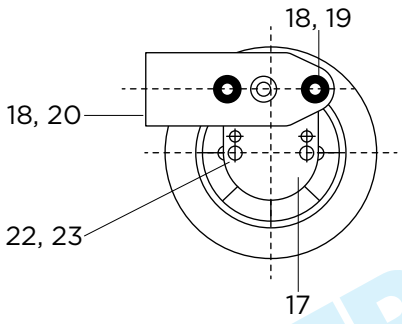
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

Pressed Hangers
370 mm - 390 mm, 420 mm, 480 mm Ride Height





SECTION A-A



SECTION B-B

Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

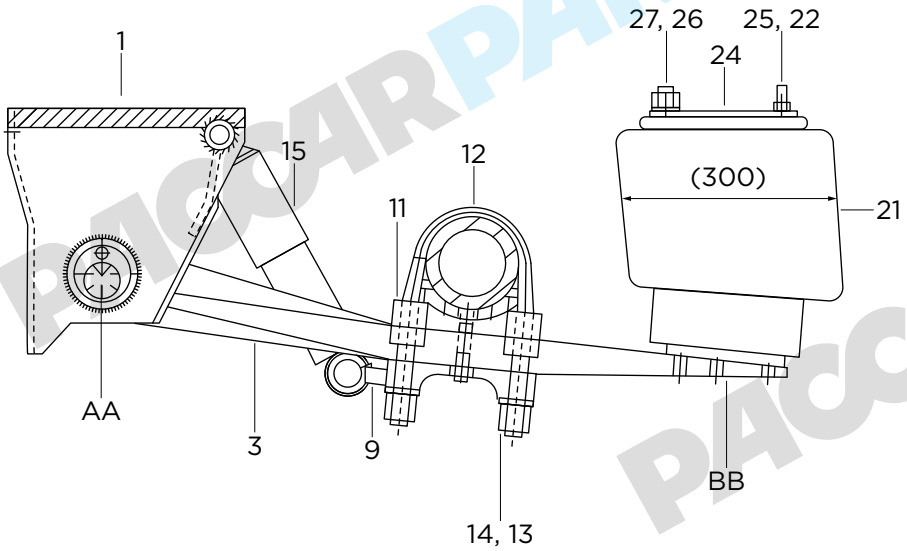
MARK IV MONO LITE UNDERSLUNG SUSPENSION

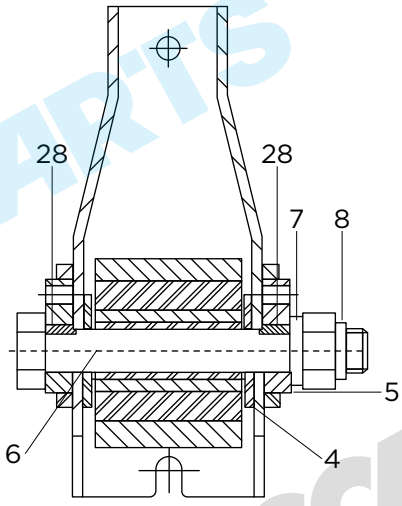
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	29-5169-2. GB61C61:F97	Hanger	29-5169-2.G NA Left Hand 302 mm 370 mm, 390 mm Ride Height See Note 3	
	29-5171-2.D	Hanger	29-5171-2.D NA Left Hand 332 mm 480 mm Ride Height See Note 3	
	29-5172-2.D	Hanger	Left Hand 392 mm 480 mm Ride Height	
2	29-5169-1.G	Hanger	Right Hand 302 mm 370 mm, 390 mm Ride Height	
	29-5171-1.D	Hanger	Right Hand 332 mm 420 mm Ride Height	
	29-5172-1.D	Hanger	Right Hand 392 mm 480 mm Ride Height	
3	T03-7370	Spring Arm	Mono Lite Underslung Single Leaf Spring Complete With Wrapper	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
3A	0203169000	Pivot Bush		See Sections 19 & 19.1 For Air Suspension Bush Information & Images
4	29-5147-1A	Washer	Internal	
5	29-5342-1.C	Boss	Adjusting	
6	T03-1140	Pivot Bolt	M30	
7	99-3108	Spring Washer	99-3108 NA M30 See Note 3	
8	T03-1142	Nut	M30 NYLOC Grade 8.0	
9	29-5333-4.A	Top Plate Assembly	29-5333-4.A NA Left Hand 218 mm Stud See Note 3	
10	29-5333-3.A	Top Plate Assembly	29-5333-3.A NA Right Hand 218 mm Stud See Note 3	
11	29-5086-E	Axle Saddle	29-5086-E NA Cast Mono Lite See Note 3	
12	T03-8073AU	U-Bolt	M24 Standard	See Sections 22.1 & 22.2 For U-Bolt Information & Images
13	29-5330	Washer	29-5330 NA M24 Hardened See Note 3	
14	29-5339-1.A	Nut U-Bolt	29-5339-1.A NA M24 See Note 3	

NLA - NO LONGER AVAILABLE

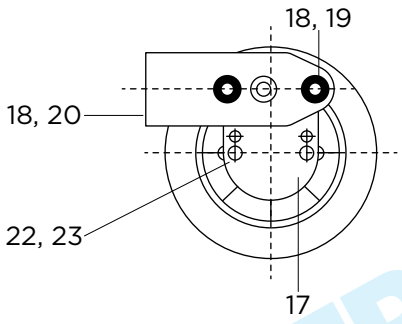
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

Pressed Hangers
370 mm - 390 mm, 420 mm, 480 mm Ride Height





SECTION A-A



SECTION B-B

Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

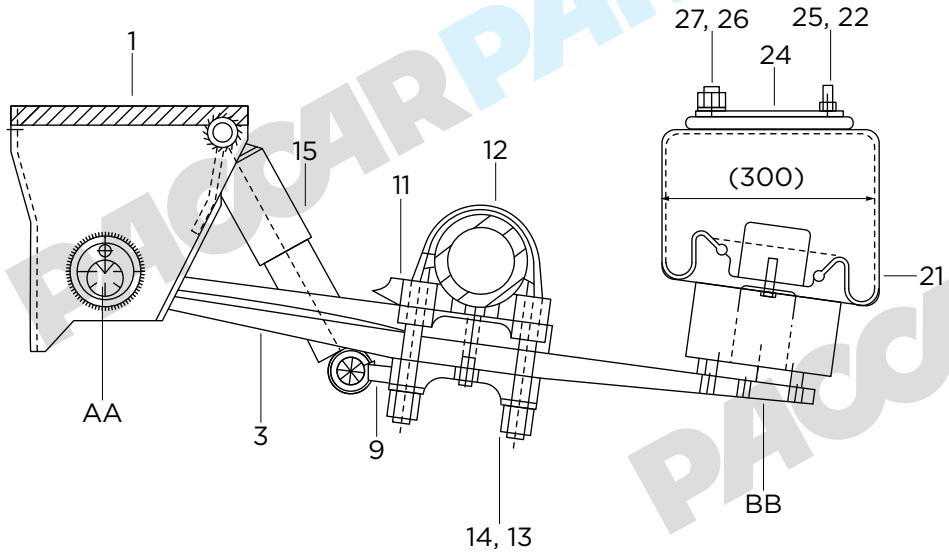
MARK IV MONO LITE UNDERSLUNG SUSPENSION

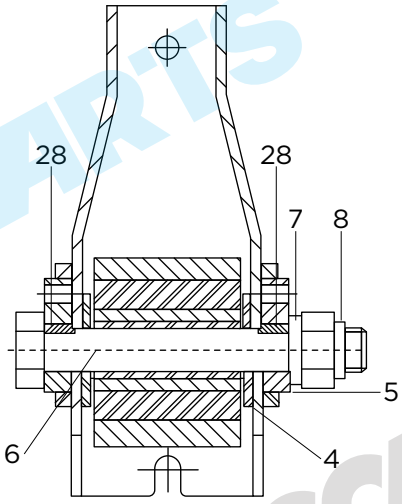
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
15	912400	Shock Absorber	KONI 24 mm Bolt	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
15A	7052-25-2671	Shock Absorber Bush	KONI 24 mm	
17	29-5031-7.A	Plate Offset	29-5031-7.A NA See Note 3	
18	NA	Spring Washer	M16 See Note 3	
19	NA	Bolt	M16 40 mm Long Grade 8.8 See Note 3	
20	NA	Bolt	M16 50 mm Long Grade 8.8 See Note 3	
21	1R11-866	Air Bag	Late Style 2 Stud No Separate Air Supply Port	See Section 19 For Air Bags
	T03-AS3115-A	Air Bag	Alternative to 1R11-866	
21A	TRP21221307	Air Bag	Early Style 2 Stud 1 Separate Air Supply Port	
22	NA	Washer – M12	M12 See Note3	
23	NA	Bolt – M12 x 40mm (8.8)	M12 40 mm Long Grade 8.8 See Note 3	
24	29-5014-4.B	Plate Mounting	29-5014-4.B NA 220 mm Ride Height See Note 3	
24	29-5071-2.A	Pedestal	29-5071-2.A NA 250 mm Ride Height (Pair) See Note 3	
24	29-5094-4.A	Pedestal	29-5094-4.A NA 300 mm 320 mm Ride Height (Pair) See Note 3	
25	NA	Nut	M12 Grade 8.0 See Note 3	
26	NA	Nut	M22 Grade 8.0 See Note 3	
27	NA	Spring Washer	7/8" See Note 3	
28	T03-1146	Key	See Note 2	

NLA - NO LONGER AVAILABLE

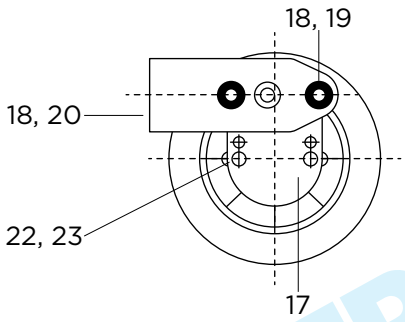
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

Pressed Hangers - 2 Leaf Springs
220 mm, 250 mm, 300 mm - 350 mm Ride Height





SECTION A-A



SECTION B-B

Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

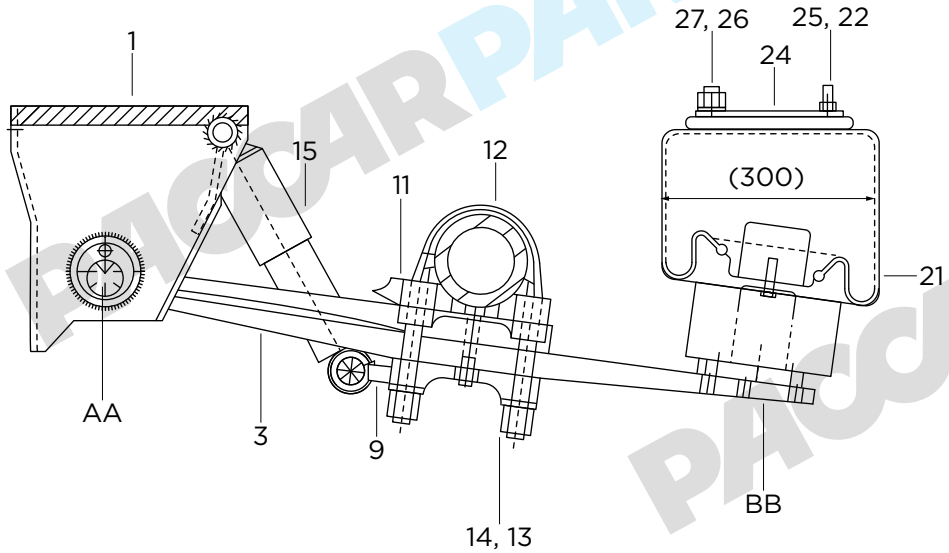
MARK IV UNDERSLUNG SUSPENSION

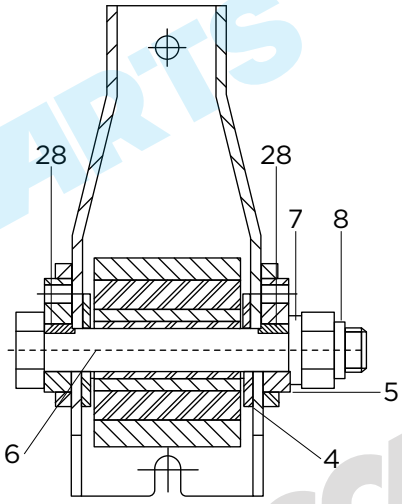
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	29-5169-2.G	Hanger	29-5169-2.G NA Left Hand 302 mm 220mm Ride Height See Note 3	
	29-5171-2.D	Hanger	29-5171-2.D NA Left Hand 332 mm 250mm Ride Height See Note 3	
	29-5172-2.D	Hanger	29-5172-2.D NA Left Hand 392 mm 300 mm, 320 mm Ride Height See Note 3	
2	29-5169-1.G	Hanger	29-5169-1.G NA Right Hand 302 mm 220mm Ride Height See Note 3	
	29-5171-1.D	Hanger	29-5171-1.D NA Right Hand 332 mm 250mm Ride Height See Note 3	
	29-5172-1.D	Hanger	29-5172-1.D NA Right Hand 392 mm 300 mm, 320 mm Ride Height See Note 3	
3	29-5007	Spring Arm	29-5007 NA Underslung Double Leaf See Note 3	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
3A	0203169000	Pivot Bush		See Sections 19 & 19.1 For Air Suspension Bush Information & Images
4	29-5147-1A	Washer	Internal	
5	29-5342-1.C	Boss	Adjusting	
6	T03-1140	Pivot Bolt	M30	
7	99-3108	Spring Washer	99-3108 NA M30 See Note 3	
8	T03-1142	Pivot Bolt Nut	M30 Nyloc Grade 8.0	
9	29-5327-4.A	Top Plate Assembly	29-5327-4.A NA Left Hand 218 mm Stud See Note 3	
10	29-5327-3.A	Top Plate Assembly	29-5327-3.A NA Right Hand 218 mm Stud See Note 3	
11	29-5027.G	Axle Saddle	29-5027.G NA Cast See Note 3	

NLA - NO LONGER AVAILABLE

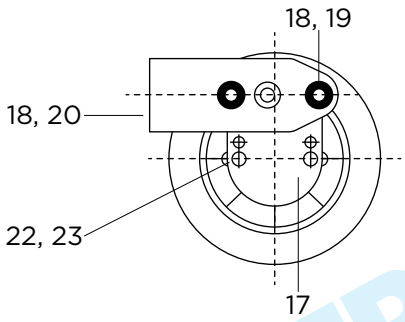
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

Pressed Hangers - 2 Leaf Springs
220 mm, 250 mm, 300 mm - 350 mm Ride Height





SECTION A-A



SECTION B-B

Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

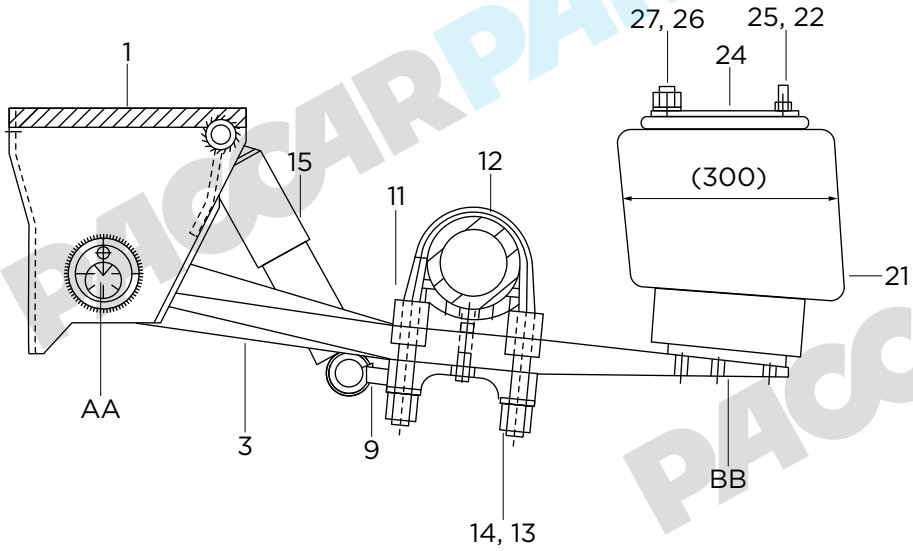
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

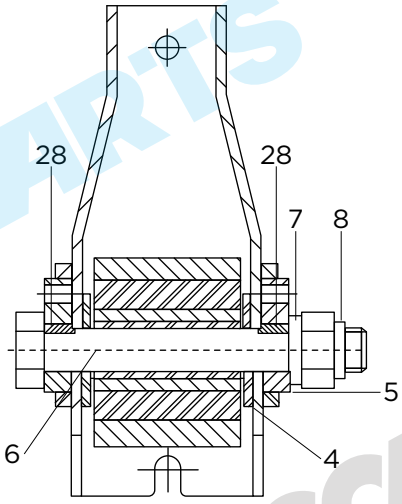
MARK IV UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
12	29-5167-1.F	U-Bolt	29-5167-1.F M24 Standard See Note 3	See Sections 22.1 & 22.2 For U-Bolt Information & Images
13	29-5330	Washer	29-5330 M24 Hardened See Note 3	
14	29-5339-1.A	Nut - U-Bolt	29-5339-1.A NA M34 See Note 3	
15	912400	Shock Absorber	KONI 24 mm Bolt	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
15A	7052-25-2671	Shock Absorber Bush	KONI 24 mm	
17	29-5031-7.A	Plate Offset	29-5031-7.A NA See Note 3	
18	NA	Spring Washer	M16 See Note 3	
19	NA	Bolt	M16 35 mm Long, Grade 8.8 See Note 3	
20	NA	Bolt	M16 45 mm Long, Grade 8.8 See Note 3	
21	1R11-866	Air Bag	Late Style 2 Stud No Separate Air Supply Port	See Section 19 For Air Bags
	T03-AS3115-A	Air Bag	Alternative to 1R11-866	
21A	TRP21221307	Air Bag	Early Style 2 Stud 1 Separate Air Supply Port	
22	NA	Washer	M12 See Note 3	
23	NA	Bolt	M12 40 mm Long Grade 8.8	
24	29-5014-4.B	Plate Mounting	29-5014-4.B NA 220 mm Ride Height See Note 3	
24	29-5071-2.A	Pedestal	29-5071-2.A NA 250 mm Ride Height Two Per Side See Note 3	
24	29-5094-4.A	Pedestal	29-5094-4.ANA 310 mm Ride Height Two Per Side See Note 3	
25	NA	Nut	M12 Grade 8.0 See Note 3	
26	NA	Nut	M22 Grade 8.0 See Note 3	
27	NA	Spring Washer	7/8" See Note 3	
28	T03-1146	Key - Pivot Bolt	See Note 2	

NLA - NO LONGER AVAILABLE

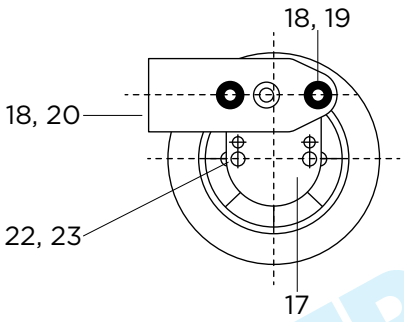
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

Pressed Hangers - 2 Leaf Springs
220 mm, 250 mm, 310 mm Ride Height





SECTION A-A



SECTION B-B

Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm Long “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

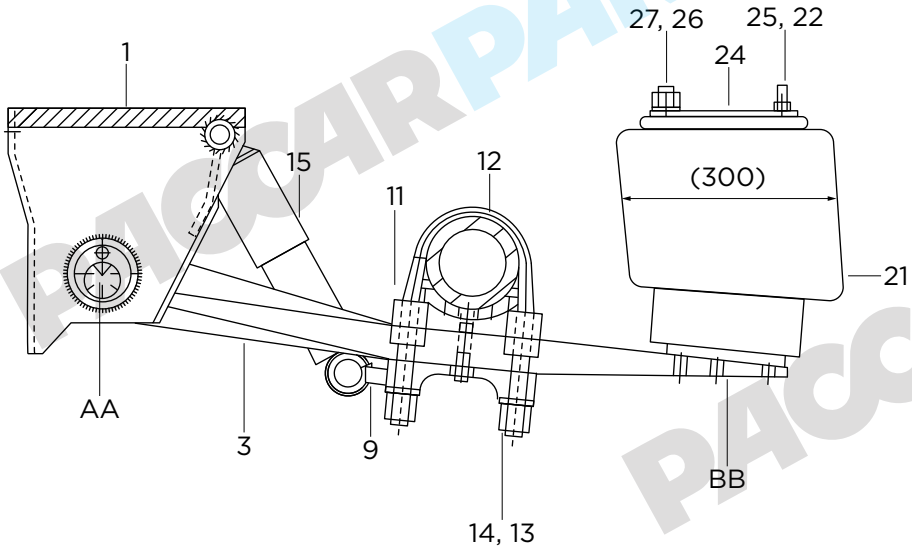
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

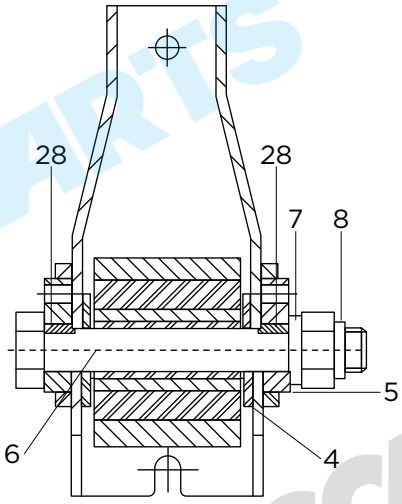
MARK IV MONO LITE UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	29-5169-2.G	Hanger	29-5169-2.G NA Left Hand 302 mm 220mm Ride Height See Note 3	
	29-5171-2.D	Hanger	29-5171-2.D NA Left Hand 332 mm 250mm Ride Height See Note 3	
	29-5172-2.D	Hanger	29-5172-2.D NA Left Hand 392 mm 300 mm, 320 mm Ride Height See Note 3	
2	29-5169-1.G	Hanger	29-5169-1.G NA Right Hand 302 mm 220mm Ride Height See Note 3	
	29-5171-1.D	Hanger	29-5171-1.D NA Right Hand 332 mm 250mm Ride Height See Note 3	
	29-5172-1.D	Hanger	29-5172-1.D NA Right Hand 392 mm 300 mm, 320 mm Ride Height See Note 3	
3	T03-7370	Spring Beam	Underslung Double Leaf Suits Mono Lite Suspension	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
3A	0203169000	Pivot Bush		See Sections 19 & 19.1 For Air Suspension Bush Information & Images
4	29-5147-1A	Washer	Internal	
5	29-5342-1.C	Boss	Adjusting	
6	T03-1140	Pivot Bolt	M30	
7	99-3108	Spring Washer	99-3108 NA M30 See Note 3	
8	T03-1142	Pivot Bolt Nut	M30 Nyloc Grade 8.0	
9	29-5327-4.A	Top Plate Assembly	29-5327-4.A NA Left Hand 218 mm Stud See Note 3	
10	29-5327-3.A	Top Plate Assembly	29-5327-3.A NA Right Hand 218 mm Stud See Note 3	
11	29-5086-E	Axle Saddle	29-5086-E NA Cast Mono Lite See Note 3	

NLA - NO LONGER AVAILABLE | NA - NOT AVAILABLE

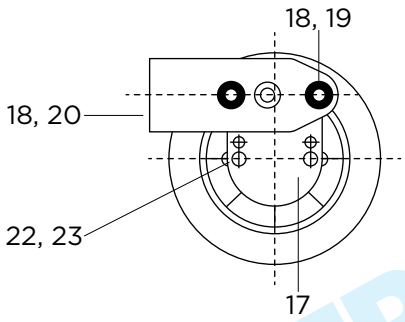
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

Pressed Hangers - 2 Leaf Springs
220 mm, 250 mm, 310 mm Ride Height





SECTION A-A



SECTION B-B

Notes

1. This suspension is marketed by RFS Australia P/L and is fitted in production on Krueger Trailers.
   NOTE: Other suspension systems may also be encountered on Krueger Trailers.
2. Key dimensions are 6.05 mm X 6.05 mm X 20 mm Long “Make-A-Key” or similar.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

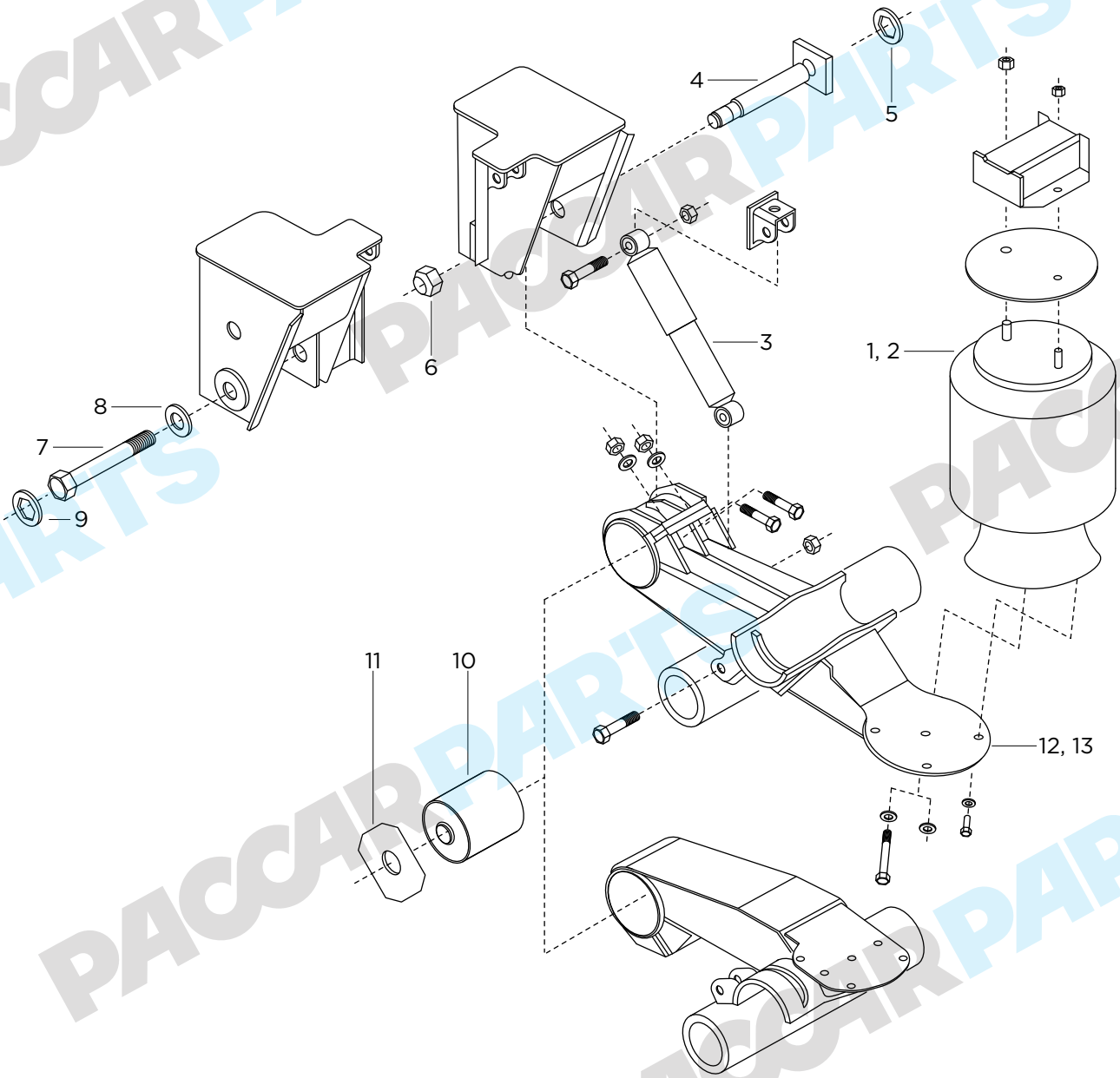
AIR BAG SUSPENSIONS
RFS SERIES 2000 SUSPENSIONS

MARK IV MONO LITE UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
12	29-5167-1.F	U-Bolt	29-5167-1.F M24 Standard See Note 3	See Sections 22.1 & 22.2 For U-Bolt Information & Images
13	29-5330	Washer	29-5330 M24 Hardened See Note 3	
14	29-5339-1.A	Nut - U-Bolt	29-5339-1.A NA M34 See Note 3	
15	912400	Shock Absorber	KONI 24 mm Bolt	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
15A	7052-25-2671	Shock Absorber Bush	KONI 24 mm	
17	29-5031-7.A	Plate Offset	29-5031-7.A NA See Note 3	
18	NA	Spring Washer	M16 See Note 3	
19	NA	Bolt	M16 35 mm Long, Grade 8.8 See Note 3	
20	NA	Bolt	M16 45 mm Long, Grade 8.8 See Note 3	
21	1R11-866	Air Bag	Late Style 2 Stud No Separate Air Supply Port	See Section 19 For Air Bags
	T03-AS3115-A	Air Bag	Alternative to 1R11-866	
21A	TRP21221307	Air Bag	Early Style 2 Stud 1 Separate Air Supply Port	
22	NA	Washer	M12 See Note 3	
23	NA	Bolt	M12 40 mm Long Grade 8.8 See Note 3	
24	29-5014-4.B	Plate Mounting	29-5014-4.B NA 220 mm Ride Height See Note 3	
24	29-5071-2.A	Pedestal	29-5071-2.A NA 250 mm Ride Height Two Per Side See Note 3	
24	29-5094-4.A	Pedestal	29-5094-4.ANA 310 mm Ride Height Two Per Side See Note 3	
25	NA	Nut	M12 Grade 8.0 See Note 3	
26	NA	Nut	M22 Grade 8.0 See Note 3	
27	NA	Spring Washer	7/8" See Note 3	
28	T03-1146	Key - Pivot Bolt	See Note 2	

NLA - NO LONGER AVAILABLE | NA - NOT AVAILABLE

AIR BAG SUSPENSIONS
RIDEWELL MONOPIVOT SUSPENSIONS

220mm RIDE HEIGHT



Notes

1. The Left Hand Side pivot bolt nut is welded permanently to the inside face of the hanger.
2. Early version wear plates were metal. These are no longer available.

For further information contact your nearest authorised PACCAR Parts dealer.

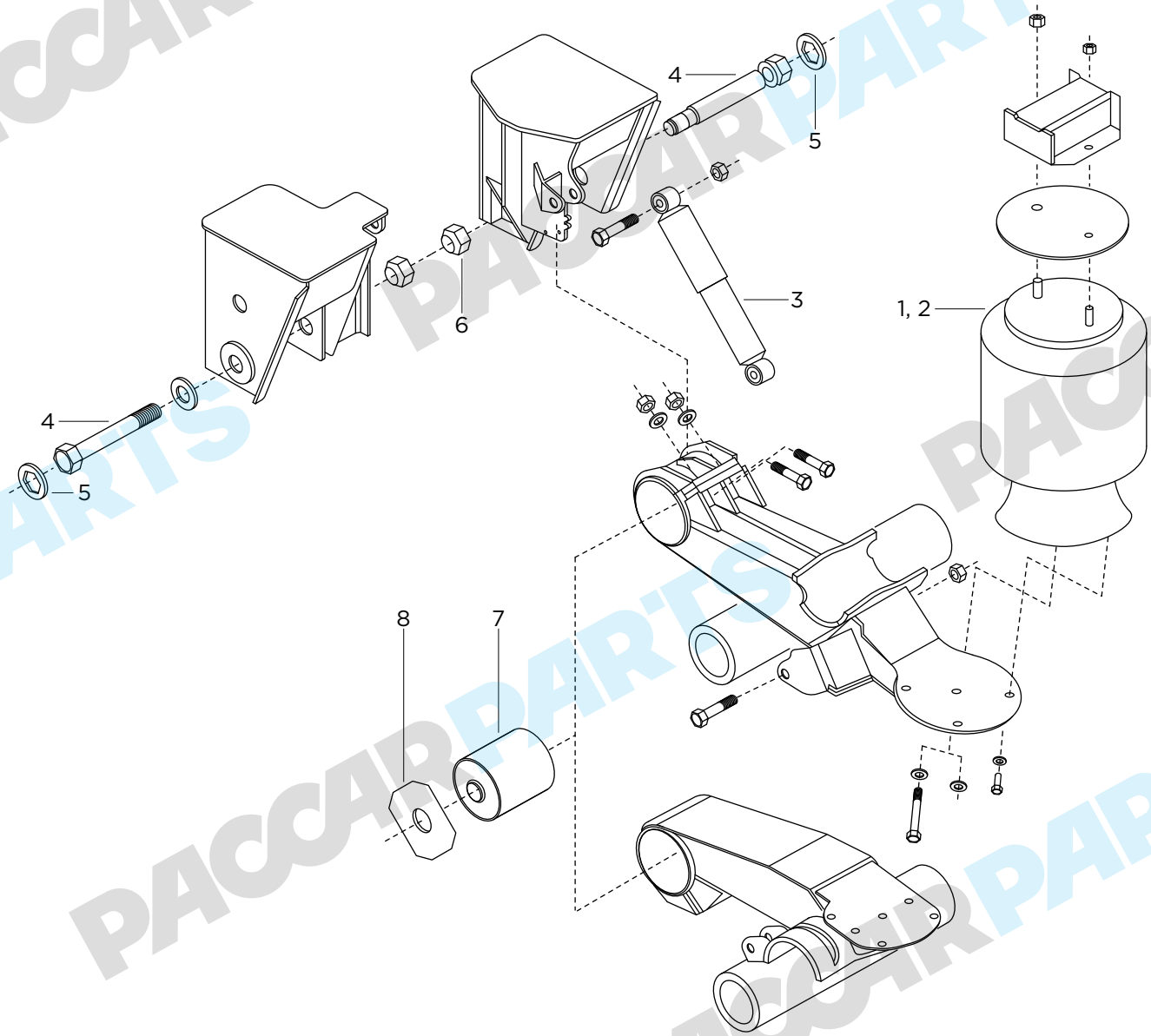
AIR BAG SUSPENSIONS
RIDEWELL MONOPIVOT SUSPENSIONS

EARLY VERSION SUSPENSION			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
1	1R13-097	Air Spring	Overslung
2	1R12-352	Air Spring	Underslung
3	T03-4001	Shock Absorber	OEM Gas
3A	SA005TRP	Shock Absorber	Powerdown
3B	90-2396SP1	Shock Absorber	KONI
4	NLA	Pivot Bolt	T03-1253 NLA Right Hand Side Eccentric
5	NLA	Pivot Bolt Retainer	T03-1255 NLA Right Hand Side
6	T03-1256	Pivot Bolt Nut	Right Hand Side
7	T03-1259	Pivot Bolt	Left Hand Side
8	T03-1252	Pivot Bolt Washer	Left Hand Side
9	T03-1258	Pivot Bolt Retainer	Left Hand Side
10	NLA	Pivot Bush	
11	NLA	Wear Plate	Nylon
12	T03-7378L	Beam Assembly	Underslung Left Hand Side
13	T03-7378R	Beam Assembly	Underslung Right Hand Side

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
RIDEWELL MONOPIVOT SUSPENSIONS

200mm RIDE HEIGHT



Notes

For further information contact your nearest authorised PACCAR Parts dealer.

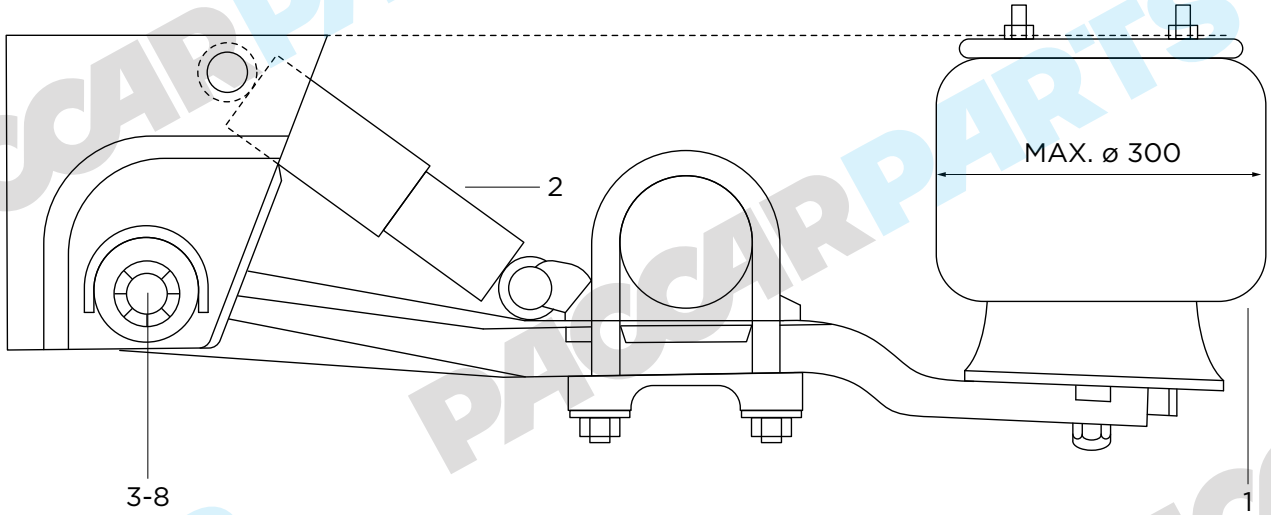
AIR BAG SUSPENSIONS
RIDEWELL MONOPIVOT SUSPENSIONS

LATE VERSION SUSPENSION			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
1	1R13-097	Air Spring	Overslung
2	1R12-352	Air Spring	Underslung
3	T03-4001	Shock Absorber	OEM Gas
3A	SA005TRP	Shock Absorber	Powerdown
3B	90-2396SP1	Shock Absorber	KONI
4	NLA	Pivot Bolt	Same Both Sides
5	NLA	Pivot Bolt Retainer	T03-1255 NLA Right Hand Side

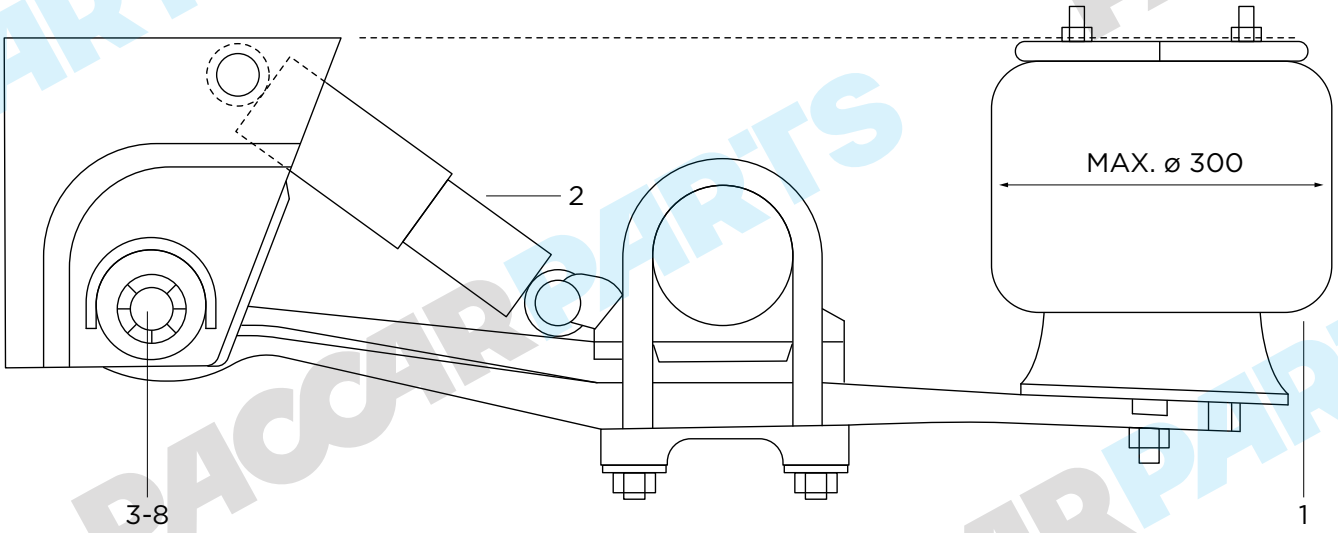
NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

200mm RIDE HEIGHT



UNDERSLUNG U20/2500N3
200mm RIDE HEIGHT



Notes

1. Can use T03-1097 (Dimensionally the same)
2. See section 18.12.5 for detailed parts breakdown

For further information contact your nearest authorised PACCAR Parts dealer.

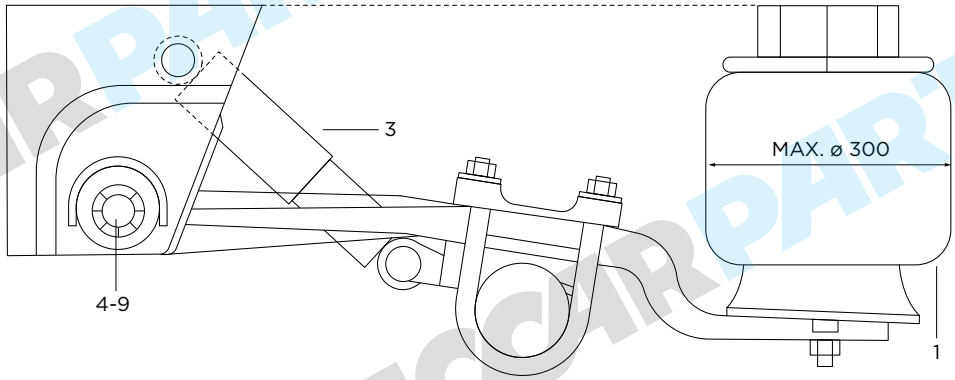
AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

U20, 2500E3 OR MODUL UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	3228002900	Air Spring		See Section 19 For Air Bags
2	T03-4008	Shock Absorber		See Sections 20.1 & 20.2 For Shock Absorber Information & Images
3	T03-1263	Pivot Bolt		
4	T03-1264	Pivot Bolt Nut		
5	T03-1111	Pivot Bush	See Note 1	See Sections 19 & 19.1 For Air Suspension Bush Information & Images
6	T03-1262	Wear Plate		
7	T03-1261	Eccentric Washer	Outside	
8	T03-1260	Washer	Inside	

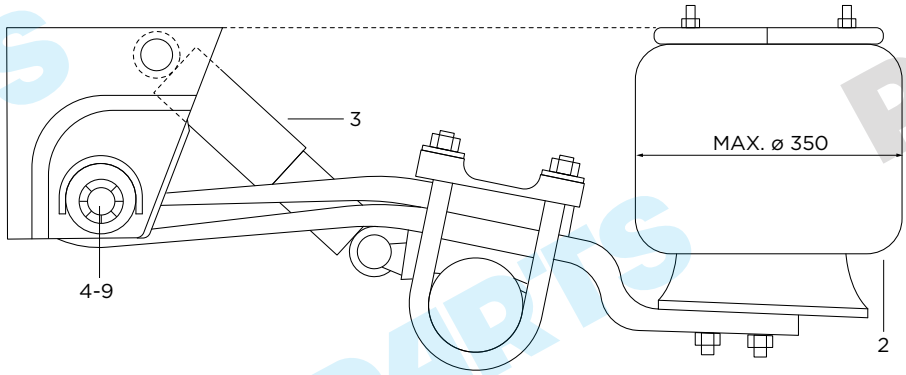
NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

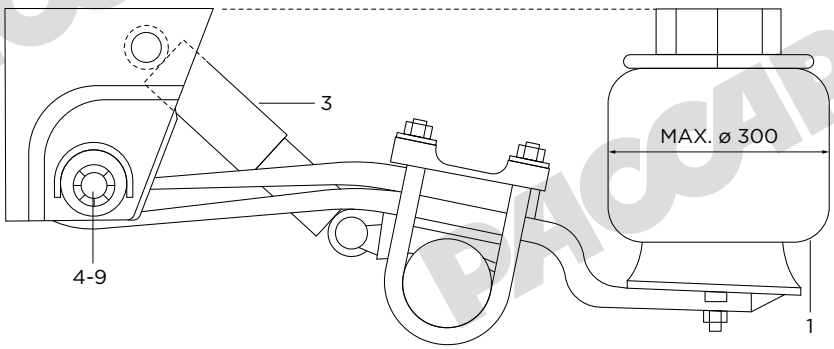
OVERSLUNG M42/2907E3
420mm RIDE HEIGHT



OVERSLUNG M42/2907N2
400mm RIDE HEIGHT



OVERSLUNG M42/2907N3
420mm RIDE HEIGHT



Notes

1. Can use T03-1097 (Dimensionally the same)

For further information contact your nearest authorised PACCAR Parts dealer.

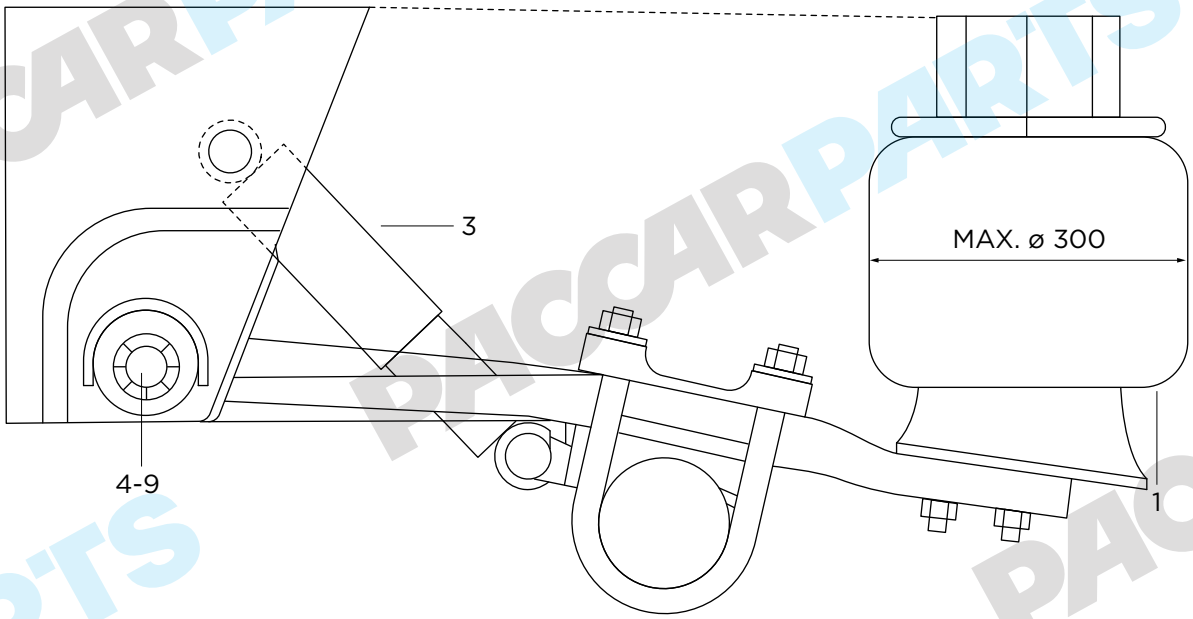
AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

M42, 2907E3, 2907N2 AND 2907E3 OVERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	3228002900	Air Spring		See Section 19 For Air Bags
2	SAF2924V	Air Spring		
3	T03-4007	Shock Absorber		See Sections 20.1 & 20.2 For Shock Absorber Information & Images
4	T03-1263	Pivot Bolt		
5	T03-1264	Pivot Bolt Nut		
6	T03-1111	Pivot Bush (Note 1)		See Sections 19 & 19.1 For Air Suspension Bush Information & Images
7	T03-1262	Wear Plate		
8	T03-1261	Eccentric Washer	Outside	
9	T03-1260	Washer	Inside	

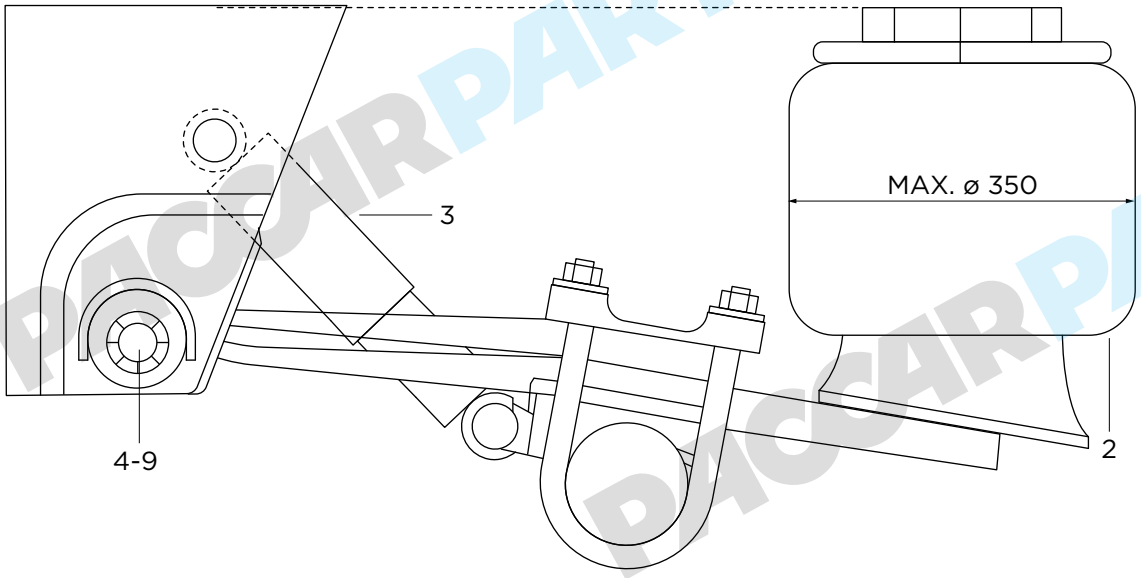
NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

OVERSLUNG EO50/3510E3
505mm RIDE HEIGHT



OVERSLUNG EO50/3504N2
505mm RIDE HEIGHT



Notes

1. Can use T03-1097 (Dimensionally the same)

For further information contact your nearest authorised PACCAR Parts dealer.

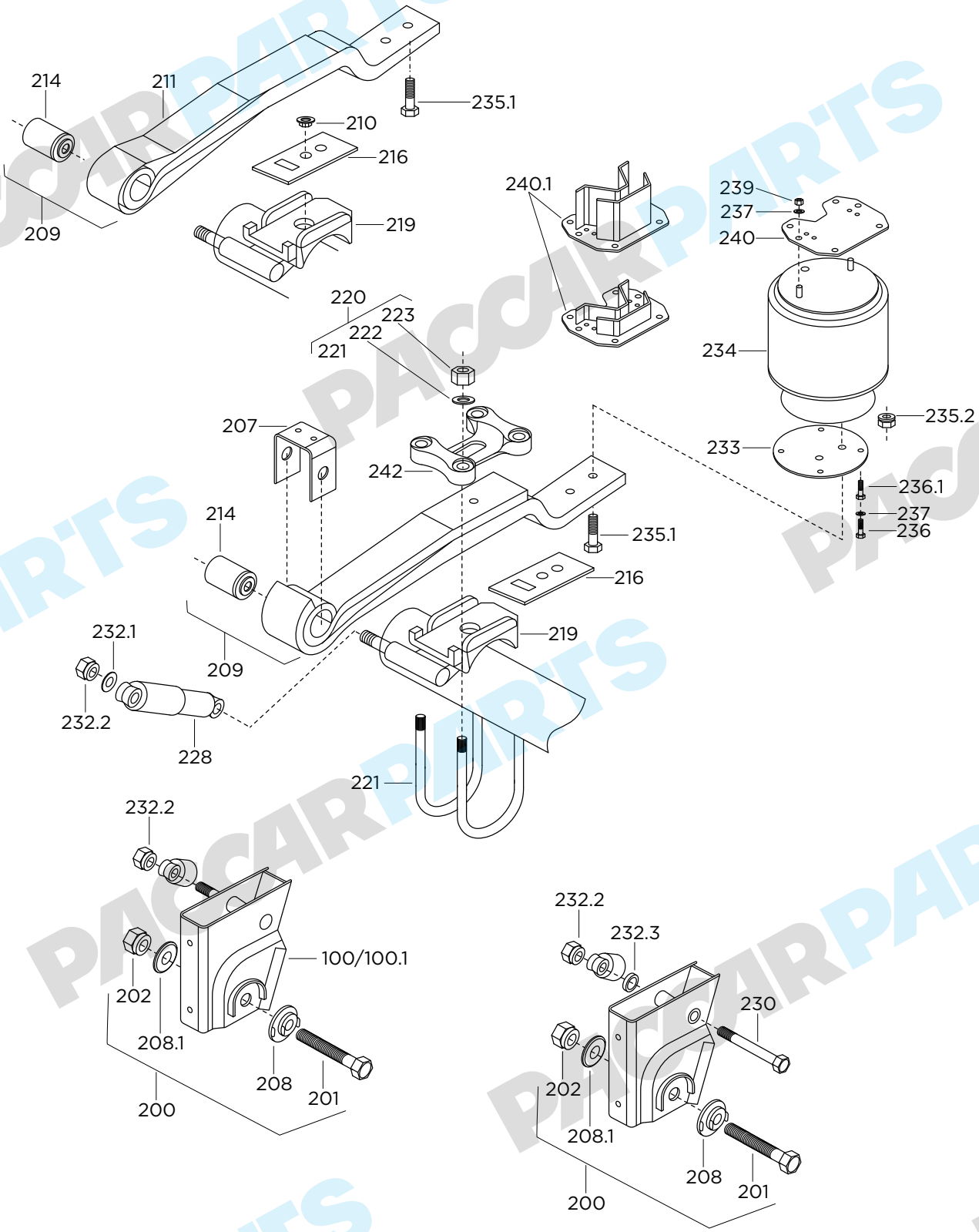
AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

EO50/3510E3, EO50/3504N2 OVERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	3228002900	Air spring		See Section 19 For Air Bags
2	SAF2924V	Air spring		
3	T03-4009	Shock Absorber		See Sections 20.1 & 20.2 For Shock Absorber Information & Images
4	T03-1263	Pivot Bolt		
5	T03-1264	Pivot Bolt Nut		
6	T03-1111	Pivot Bush (Note 1)		See Sections 19 & 19.1 For Air Suspension Bush Information & Images
7	T03-1262	Wear Plate		
8	T03-1261	Eccentric Washer	Outside	
9	T03-1260	Washer	Inside	

NLA - NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

MODUL SUSPENSION
OVERSLUNG



Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

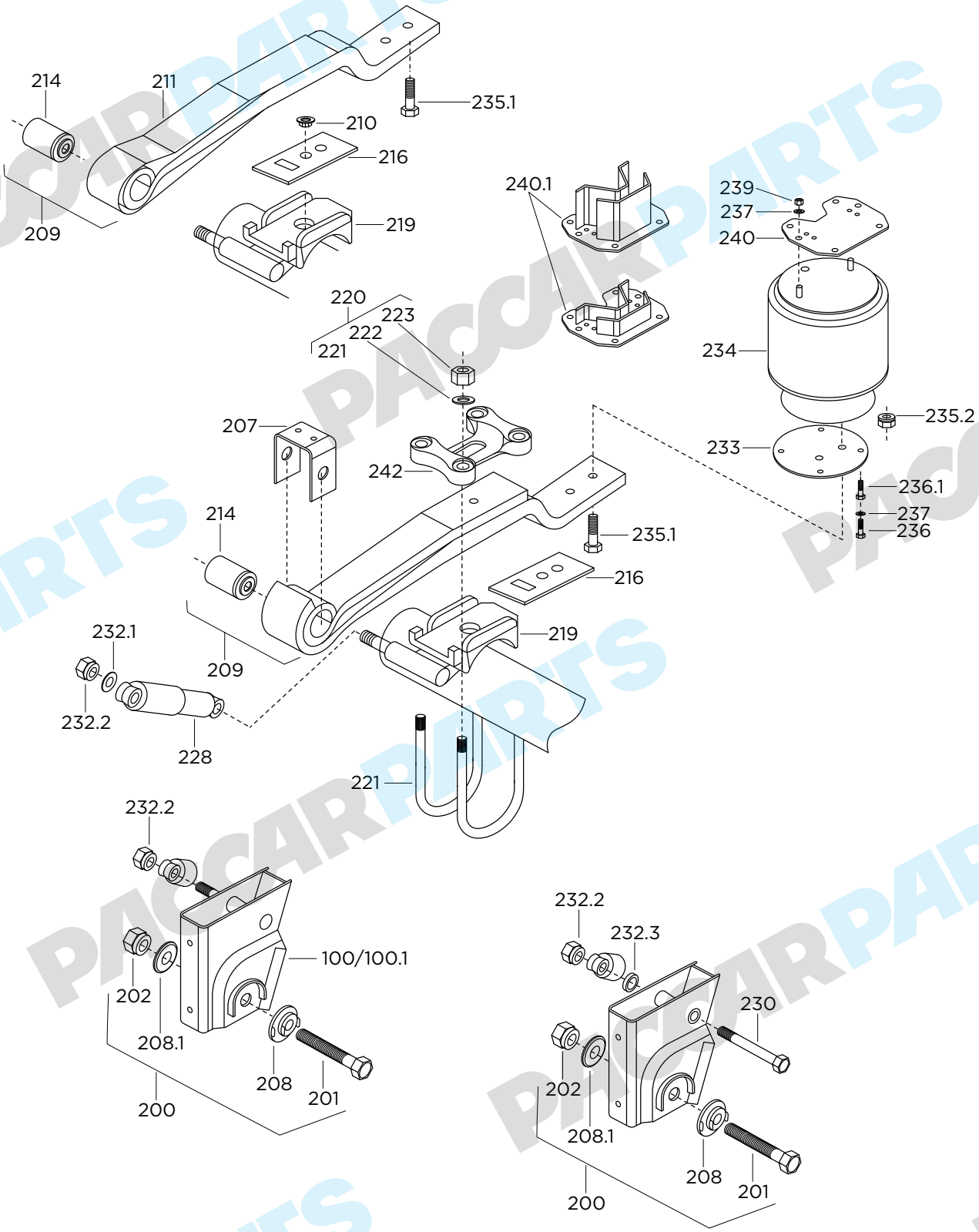
AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

OVERSLUNG MODULE M SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
100/101.1	2183075101	Hanger	250 mm Pivot Height - New Generation Old Generation Part No 2183074501 Left Hand	
100/101.1	2183075201	Hanger	2183075201 NA 250 mm Pivot Height Right Hand See Note 1	
100/101.1	2183075301	Hanger	2183075301 NA 290 mm Pivot Height Left Hand See Note 1	
100/101.1	2183075401	Hanger	2183075401 NA 290 mm Pivot Height Right Hand See Note 1	
100/101.1	2183075500	Hanger	2183075500 NA 335 mm Pivot Height Left Hand See Note 1	
100/101.1	2183075600	Hanger	2183075600 NA 335 mm Pivot Height Right Hand See Note 1	
200	3341104819S	Pivot Bolt Assembly	Includes 201 Bolt M30 X 205 mm Lock Nut M30 208 Flanged Eccentric Washer 208.1 Flanged Washer	
201	4343104888S	Pivot Bolt	M30 X 205 mm	
202	4247402280S	Lock Nut	M30	
207	4405207100S	U-Profile		
208	T03-1261	Flanged Eccentric Washer		
208.1	1101200100S	Flanged Washer		
209	3155108700	Trailing Arm	Single-Leaf 48 mm Thick (EN) Includes 211 Security Strap 214 Bush Substitute for 3155103602 Single-Leaf 48 mm (E) & 3155102701S Twin-Leaf 38/38 mm (N)	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
209	3155102701S	Trailing Arm	3155102701S NA See 3155108700 Twin-Leaf 38/38 mm Thick (N) (MCL. 214) See Note 1	
209	3155103501S	Trailing Arm	Twin-Leaf 43/43 mm Thick (S) Includes Bush 214	
210	4208200100	Trust Block	For Single Leaf Tailing Arm Only	
211	1345100502	Security Strap	For Single Leaf Tailing Arm Only	
214	4177301000	Bush	Heavy Duty 68/30 X 104	
216	1345003000	Locking Plate	95 mm X 5 mm 225 mm Suits Single Leaf Trailing Arm	
216	1345000703	Locking Plate	1345000703S NA 95 mm X 5 mm X 225 mm Suits Twin Leaf Trailing Arm See Note 1	
219	2010045300M	Spring Seat	LH - Suits Axle 127 mm	

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

MODUL SUSPENSION
OVERSLUNG



Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

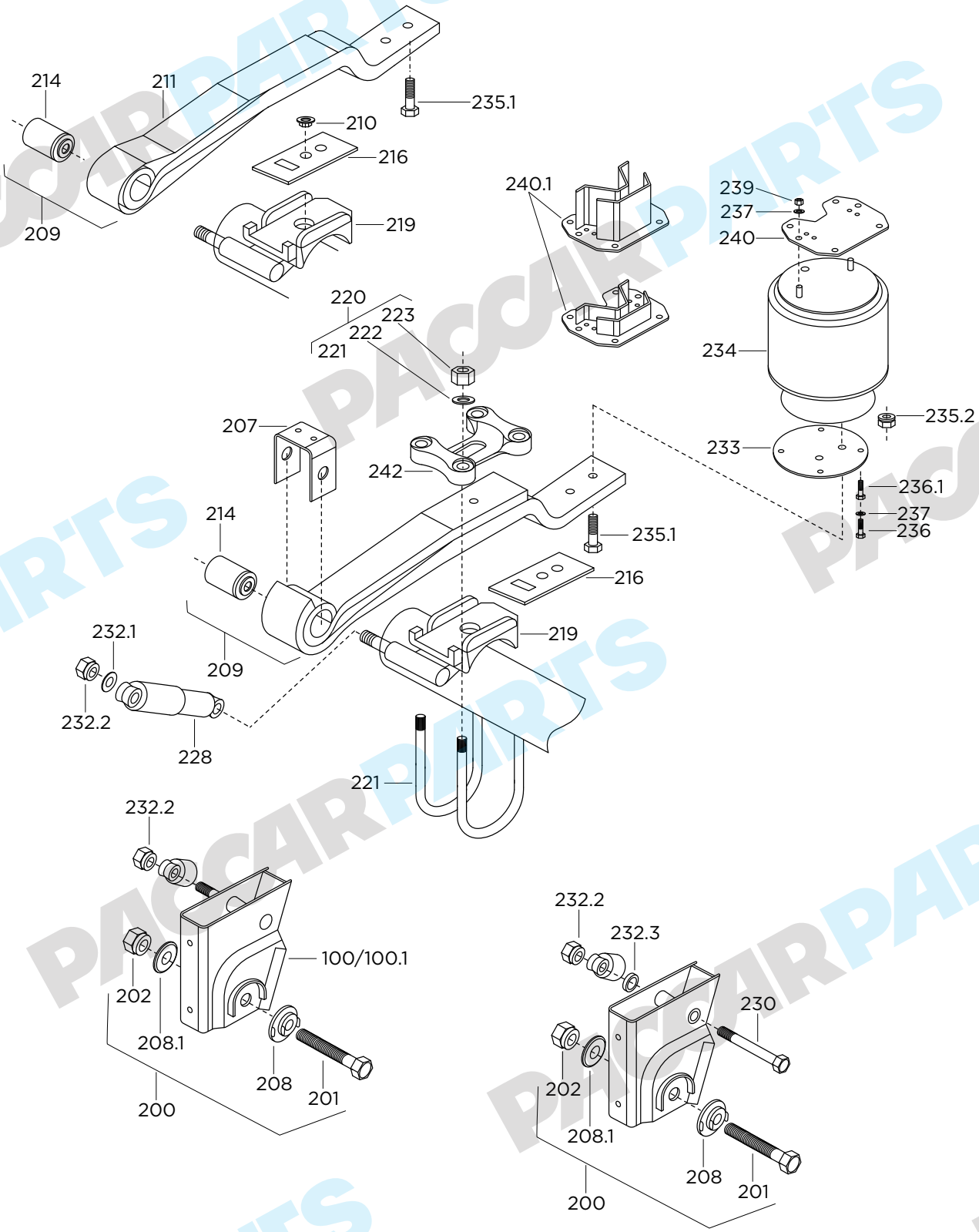
OVERSLUNG MODULE M SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
219	2010045400M	Spring Seat	RH - Suits Axle 127 mm	
219	2010042901M	Spring Seat	Left Hand With Shock Absorber Bolt Stud for 146 mm Axle Suits Disc/Drum Brake Application	
219	2010043001M	Spring Seat	2010043001M NA Right Hand With Shock Absorber Bolt Stud for 146 mm Axle Suits Disc/Drum Brake Application See Note 1	
219	2010042901M	Spring Seat	2010042901M NA Left Hand With Shock Absorber Bolt Stud for 146 mm Axle Suits Disc/Drum Brake Application See Note 1	
219	2010043001M	Spring Seat	2010043001M NA Right Hand With Shock Absorber Bolt Stud for 146 mm Axle Suits Disc/Drum Brake Application See Note 1	
221	1402007101	U-Bolt	M22 X 1.5 267 mm Long For Single Leaf Arm and 127 mm Axle	See Sections 22.1 & 22.2 For U-Bolt Information & Images
221	1402007201	U-Bolt	M22 X 1.5 304 mm Long For Twin Leaf Arm and 127 mm Axle	
221	1402006901S	U-Bolt	1402006901S NA M22 X 1.5 307 mm Long For Twin Leaf Arm and 133 mm Axle See Note 1	
221	1402006401	U-Bolt	M22 X 1.5 285.5 mm Long For Single Leaf Arm and 146 mm Axle	
221	1402006501	U-Bolt	1402006501 NA M22 X 1.5 321 mm Long For Twin Leaf Arm and 146 mm Axle See Note 1	
222	1331020400	Washer - U-Bolt	39 mm OD X 22.5 mm ID X 3 mm Thick	
222	1331017700	Washer - U-Bolt	40 mm OD X 22 mm ID X 6 mm Thick	
223	4342004710	Nut - U-Bolt	M22 X 1.5	
228	2376002600	Shock Absorber	Standard Stroke 170 mm Length Minimum 325 mm Length Maximum 495 mm	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
228	2376502600	Shock Absorber	Road Friendly Stroke 170 mm Length Minimum 325 mm Length Maximum 495 mm	
230	4343203488	Bolt - Top Shock Absorber	M24 X 2.0 X 250 mm Long	
232.1	NA	Washer	M24 See Note 1	
232.2	4247404080	Lock Nut - Shock Absorber	M24 X 2.0	

NLA - NO LONGER AVAILABLE | NA - NOT AVAILABLE | NI - NOT ILLUSTRATED | OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

MODUL SUSPENSION
OVERSLUNG



Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

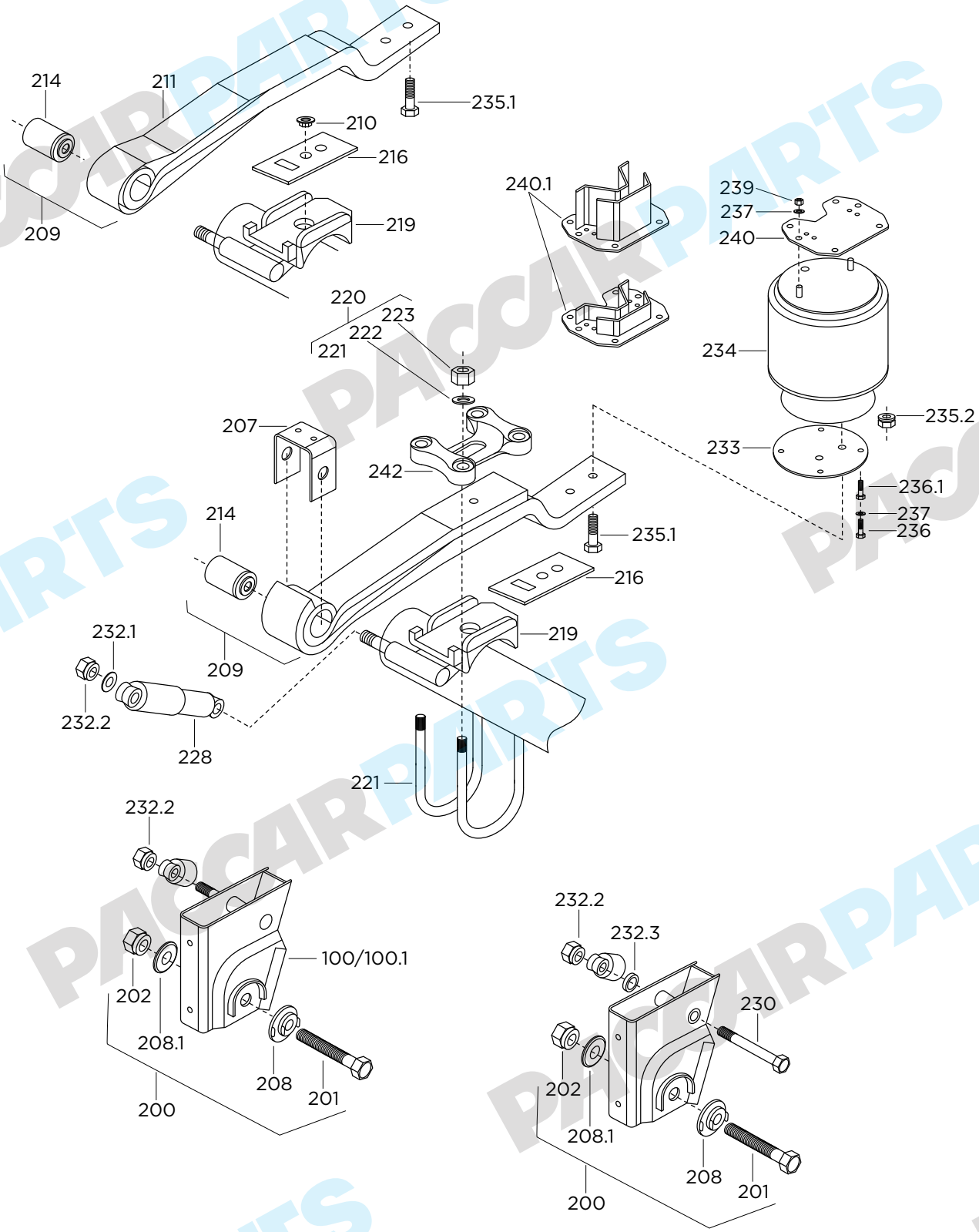
AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

OVERSLUNG MODULE M SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
232.3	1097001100	Washer - Shock Absorber		
233	1043032700	Plate	1043032700 NA Left Hand 240 mm Diameter X 15 mm 55 mm Offset See Note 1	
233	1043032800	Plate	Right Hand 240 mm Diameter X 15 mm 55 mm Offset	
233	2043028900	Plate	2043028900 NA Left Hand 240 mm Diameter X 15 mm 70 mm Offset See Note 1	
233	2043029000	Plate	Right Hand 240 mm Diameter X 15 mm 70 mm Offset	
234	3228002900	Air Bag	SAF2618V 300 mm Diameter 4 Bolt (Long) Does Not Include Items 236.1 , 237 or 239	See Section 19 For Air Bags
234	3228002700	Air Bag	3228002700 NA SAF2918V 350 mm Diameter 4 Bolt (Long) Does Not Include Items 236.1 , 237 or 239 See Note 1	
234	3229003100S	Air Bag	3229003100S NA SAF2923V 350 mm Diameter 4 Bolt (Long) Does Not Include Items 236.1 , 237 or 239 See Note 1	
235.1	4343500888	Bolt	M20 X 80 mm Long Countersunk	
235.2	4247401280	Lock Nut	M20	
236	4343100788	Hex Bolt	4343100788 NA M12 X 30 mm Suits Air Bag See Note 2	
236.1	4343203700	Cut Screw	4343203700 NA 10 mm Diameter X 40 mm Long See Note 1	
237	4141000300	Spring Washer	4141000300 NA Aluminium See Note 1	
239	4342000460	Hex Nut	4342000460 NA M12 See Note 1	
240	1043026101	Air Bag Plate	1043026101 NA 5 mm See Note 1	
240.1	2237007001	Air Bag Pedestal	2237007001 NA 40 mm See Note 1	

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

MODUL SUSPENSION
OVERSLUNG



Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.

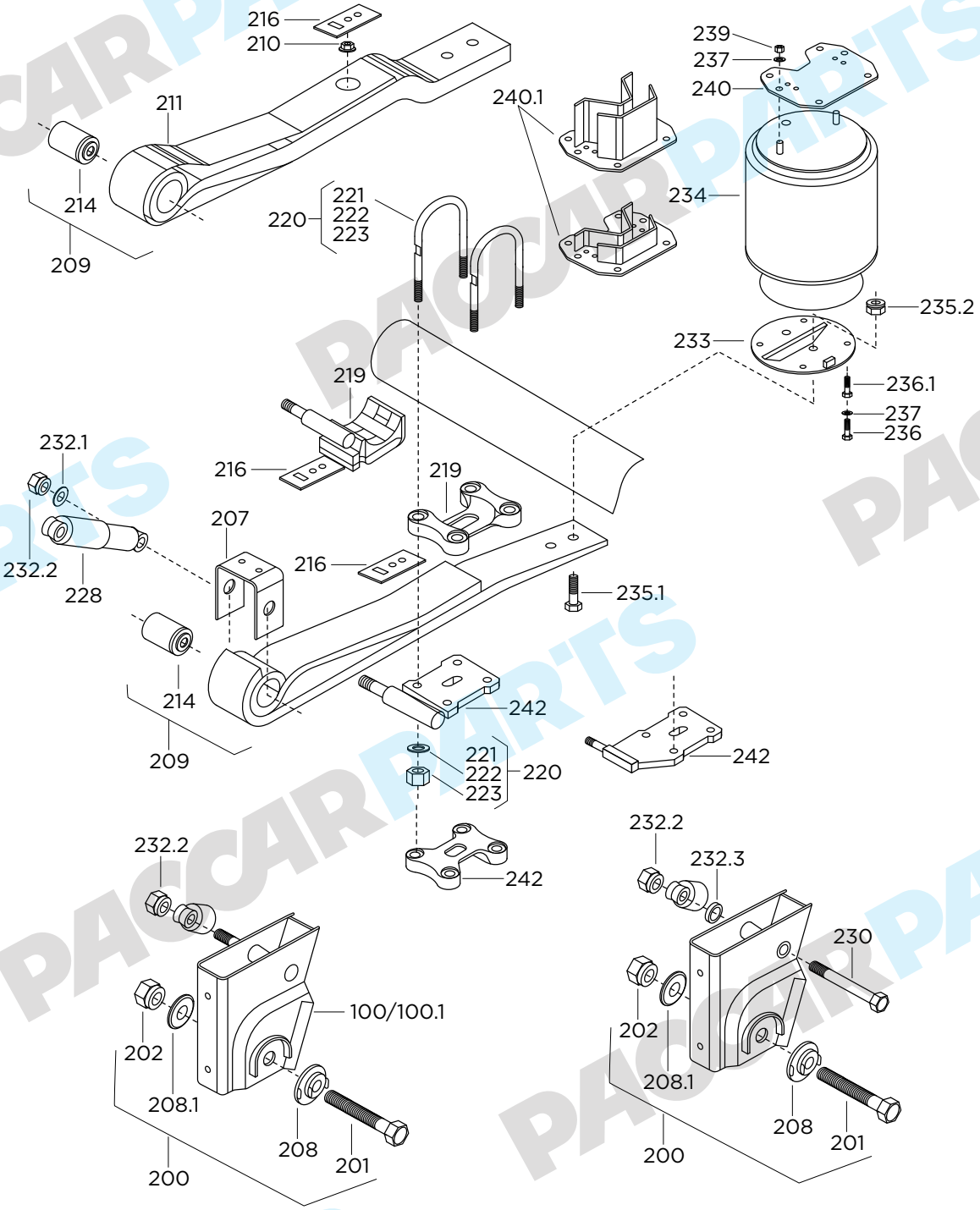
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

OVERSLUNG MODULE M SUSPENSION			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
240.1	2237007101	Air Bag Pedestal	2237007101 NA 70 mm See Note 1
240.1	2237008001	Air Bag Pedestal	2237008001 NA 100 mm See Note 1
240.1	2237007201	Air Bag Pedestal	2237007201 NA 150 mm See Note 1
242	1350008810	Clamping Plate	1350008810 NA For 127 mm/133 mm Axle See Note 1
242	1350008610	Clamping Plate	1350008610 NA For 146 mm Axle See Note 1
NI	250812	Bolt - Spring Seat	2501812 NA M24 2.00 X 190 mm Long
NI	4247404080	Nut - Spring Seat	M24 X 2.0 NYLOC
250	XBAS0004	Shock Absorber Strap Bracket	2 mm Thick - New style

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

MODUL SUSPENSION
UNDERSLUNG



Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

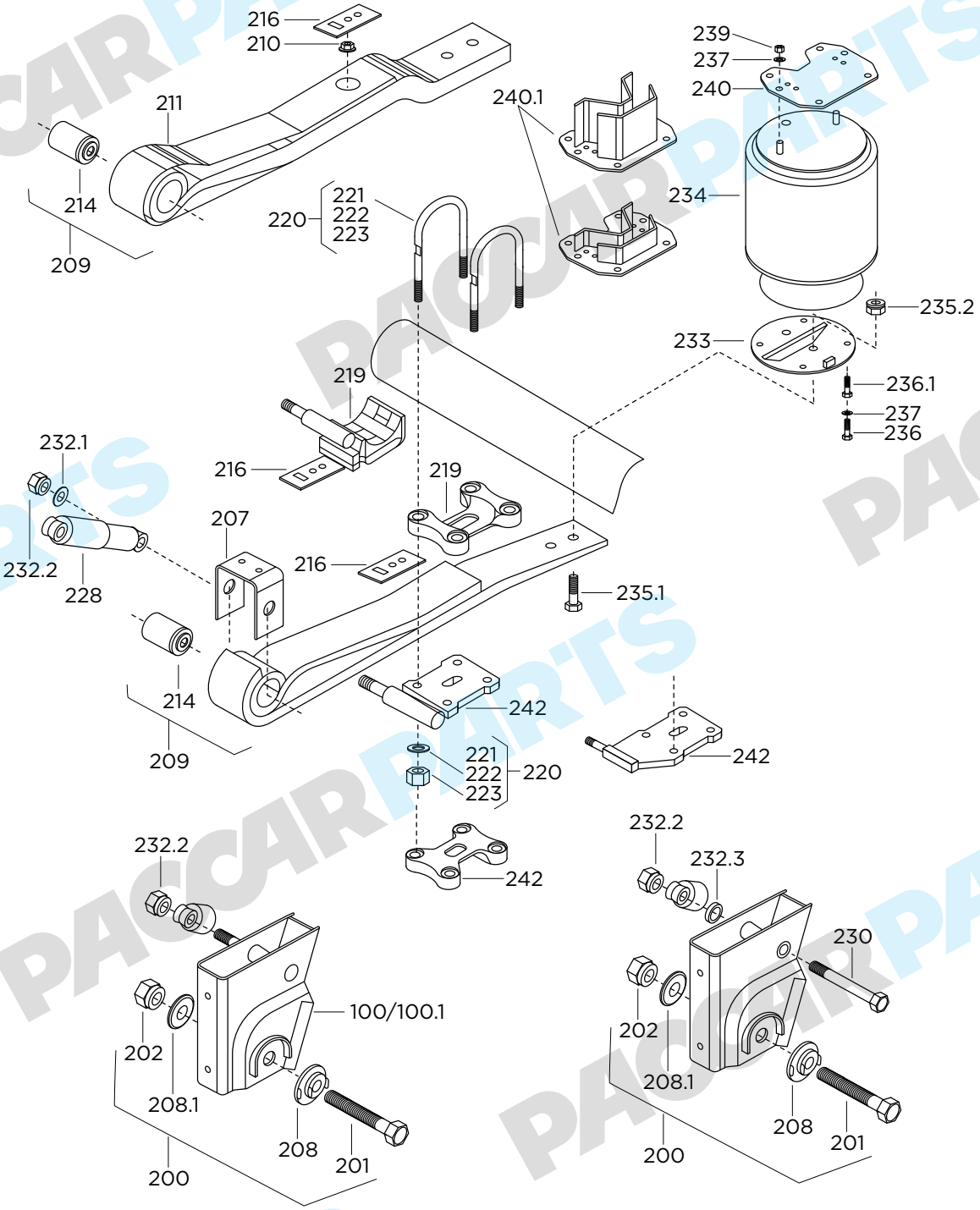
UNDERSLUNG MODUL U SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
100/101.1	2183075101	Hanger	250 mm Pivot Height - New Generation Old Generation Part No 2183074501 Left Hand	
100/101.1	2183075201	Hanger	2183075201 NA 250 mm Pivot Height Right Hand See Note 1	
100/101.1	2183075301	Hanger	2183075301 NA 290 mm Pivot Height Left Hand See Note 1	
100/101.1	2183075401	Hanger	2183075401 NA 290 mm Pivot Height Right Hand See Note 1	
100/101.1	2183075500	Hanger	2183075500 NA 335 mm Pivot Height Left Hand See Note 1	
100/101.1	2183075600	Hanger	2183075600 NA 335 mm Pivot Height Right Hand See Note 1	
200	3341104819S	Pivot Bolt Assembly	Includes 201 Bolt M30 X 205 mm Lock Nut M30 208 Flanged Eccentric Washer 208.1 Flanged Washer	
201	4343104888S	Pivot Bolt	M30 X 205 mm	
202	4247402280S	Lock Nut	M30	
207	4405207100S	U-Profile		
208	T03-1261	Flanged Eccentric Washer		
208.1	1101200100S	Flanged Washer		
209	3155108600	Trailing Arm	Single-Leaf 51 mm Thick (EN) Includes 211 Security Strap 214 Bush Substitute for 3155104401 Single-Leaf 48 mm (E) & 3155104601 Twin-Leaf 38/38 mm (N)	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
209	3155104800	Trailing Arm	3155104800 NA Twin-Leaf 43/43 mm Thick (S) Includes Bush 214 See Note 1	
210	4208200100	Trust Block	For Single Leaf Tailing Arm Only	
211	1345100901	Security Strap	For Single Leaf Tailing Arm Only	
214	4177301000	Bush	Heavy Duty 68/30 X 104	
216	1345003000	Locking Plate	95 mm X 5 mm 225 mm Suits Single Leaf Trailing Arm	
216	1345000703	Locking Plate	1345000703S NA 95 mm X 5 mm X 225 mm Suits Twin Leaf Trailing Arm See Note 1	
219	1010044500	Spring Seat	No Shock Absorber Stud Suits 127 mm Axle	

NLA — NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

MODUL SUSPENSION
UNDERSLUNG



Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

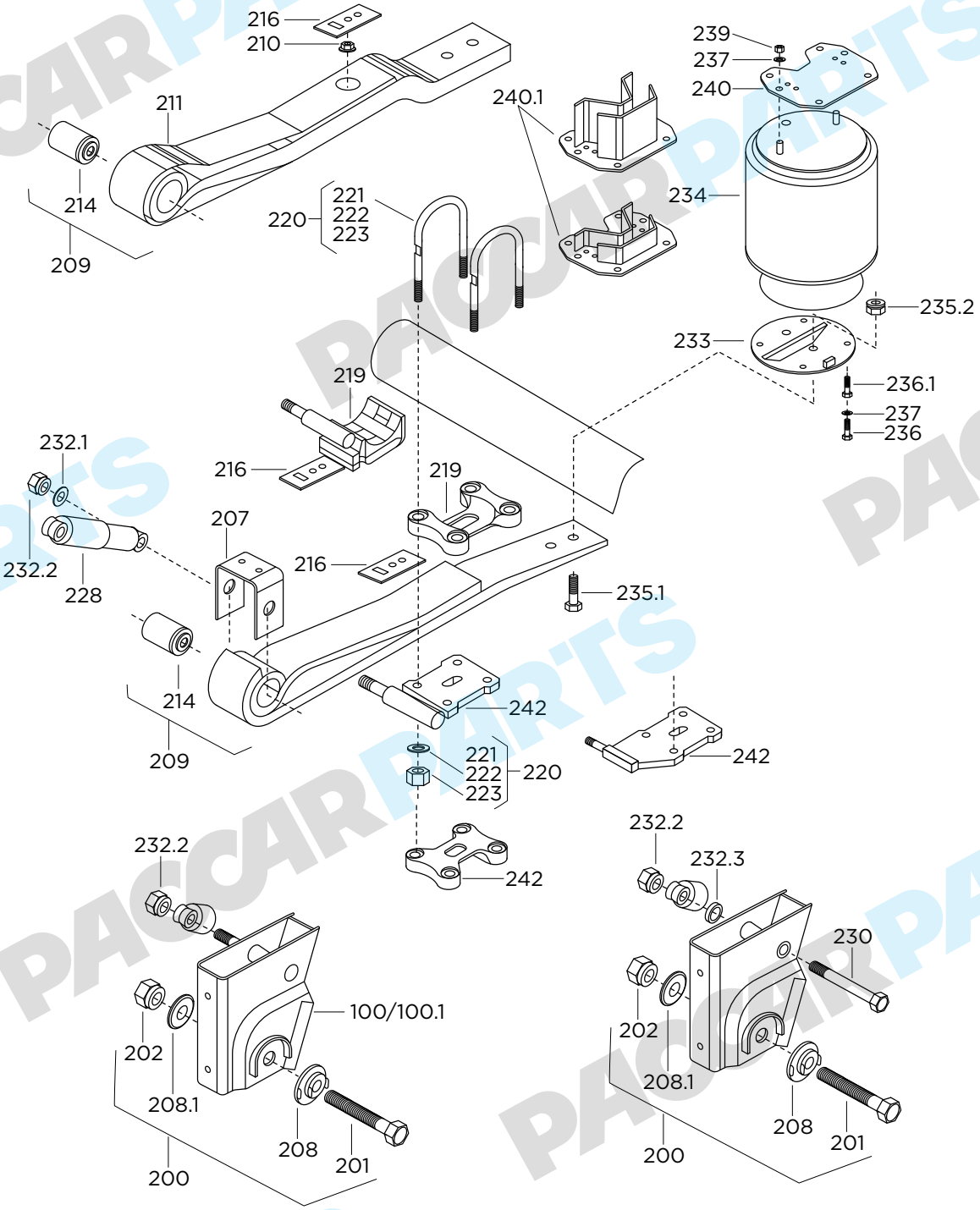
UNDERSLUNG MODUL U SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
219	1010036802	Spring Seat	No Shock Absorber Stud Suits 146 mm Disc Brake Axle	
219	2010043701	Spring Seat	Left Hand With Shock Absorber Stud M24 X 2.0 Suits 146 mm Axle	
219	2010043801	Spring Seat	Right Hand With Shock Absorber Stud M24 X 2.0 Suits 146 mm Axle	
219	2010045300M	Spring Seat	LH - Suits 127 mm Axle	
219	2010045400M	Spring Seat	RH - Suits 127 mm Axle	
221	1402007101	U-Bolt	M22 X 1 .5 267 mm Long For Single Leaf Arm and 127 mm Axle	See Sections 22.1 & 22.2 For U-Bolt Information & Images
221	1402007201	U-Bolt	M22 X 1 .5 304 mm Long For Twin Leaf Arm and 127 mm Axle	
221	1402006901S	U-Bolt	1402006901S NA M22 X 1 .5 307 mm Long For Twin Leaf Arm and 133 mm Axle See Note 1	
221	1402006401	U-Bolt	M22 X 1 .5 285.5 mm Long For Single Leaf Arm and 146 mm Axle	
221	1402006501	U-Bolt	1402006501 NA M22 X 1 .5 321 mm Long For Twin Leaf Arm and 146 mm Axle See Note 1	
222	1331017700	Washer - U-Bolt	40 mm OD X 22 mm ID X 6 mm Thick	
223	4342004710	Nut - U-Bolt	M22 X 1.5	
228	2376002700			
228	T03-4009	Shock Absorber	Standard	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
228	2376002700	Shock Absorber	2376002700 NA Standard See Note 1	
230	4343203488	Bolt - Top Shock Absorber	M24 X 2.0 X 250 mm Long	
232.2	4247404080	Lock Nut - Shock Absorber	M24 X 2.0	
232.3	1097001100	Washer - Shock Absorber		
233	1043032700	Plate	1043032700 NA Left Hand 240 mm Diameter X 15 mm 55 mm Offset See Note 1	
233	1043032800	Plate	Right Hand 240 mm Diameter X 15 mm 55 mm Offset	

NLA — NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

MODUL SUSPENSION
UNDERSLUNG



Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

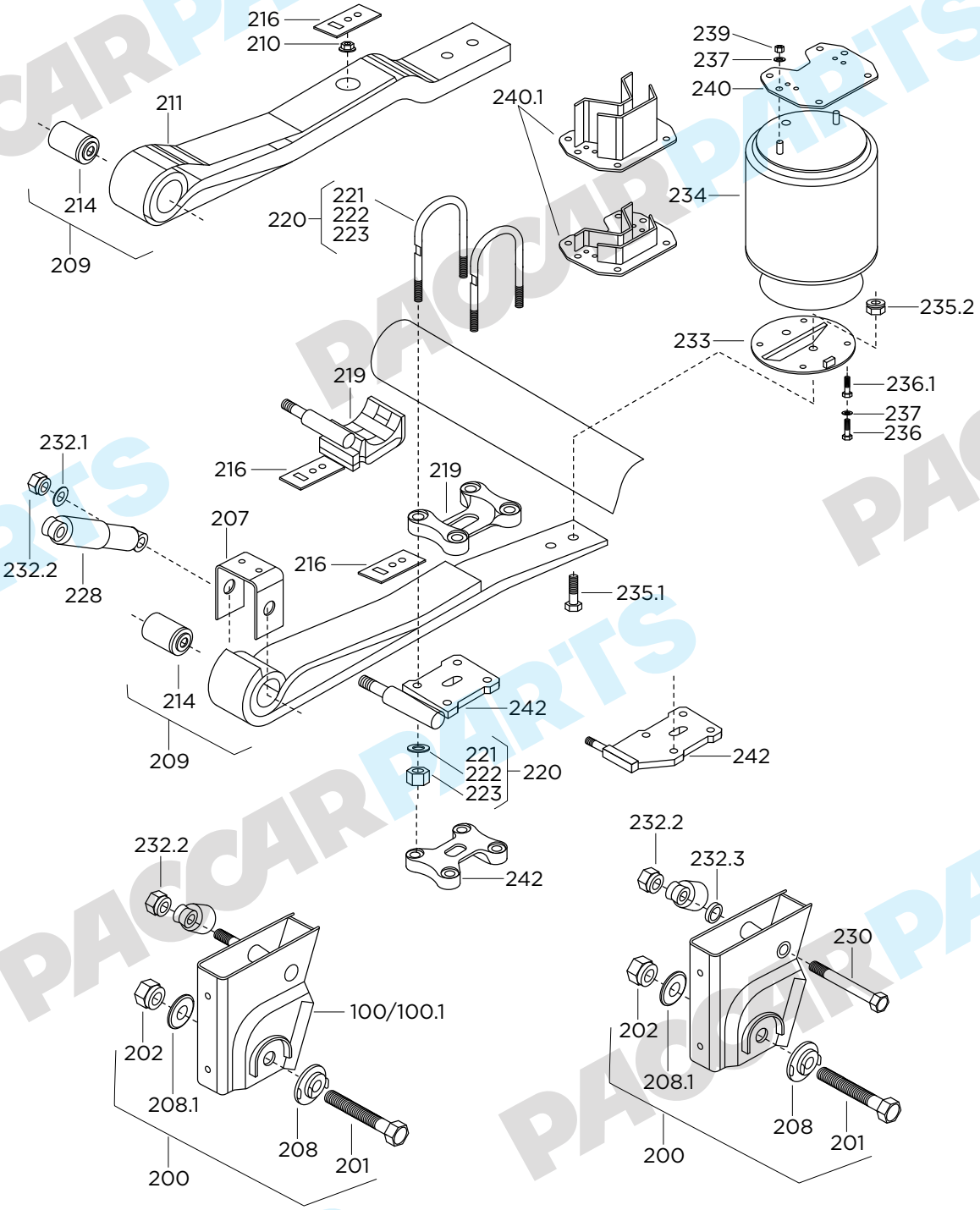
UNDERSLUNG MODUL U SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
233	2043028900	Plate	2043028900 NA Left Hand 240 mm Diameter X 15 mm 70 mm Offset See Note 1	
233	2043029000	Plate	Right Hand 240 mm Diameter X 15 mm 70 mm Offset	
234	3228002900	Air Bag	SAF2618V 300 mm Diameter 4 Bolt (Long) Does Not Include Items 236.1 , 237 or 239	See Section 19 For Air Bags
234	3228002700	Air Bag	3228002700 NA SAF2918V 350 mm Diameter 4 Bolt (Long) Does Not Include Items 236.1 , 237 or 239 See Note 1	
234	3229003100S	Air Bag	3229003100S NA SAF2923V 350 mm Diameter 4 Bolt (Long) Does Not Include Items 236.1 , 237 or 239 See Note 1	
235.1	4343500888	Bolt	M20 X 80 mm Long Countersunk	
236	4343100788	Hex Bolt	4343100788 NA M12 X 30 mm Suits Air Bag See Note 2	
236.1	4343203700	Cut Screw	4343203700 NA 10 mm Diameter X 40 mm Long See Note 1	
237	4141000300	Spring Washer	4141000300 NA Aluminium See Note 1	
239	4342000460	Hex Nut	4342000460 NA M12 See Note 1	
240	1043026101	Air Bag Plate	1043026101 NA 5 mm See Note 1	
240.1	2237007001	Air Bag Pedestal	2237007001 NA 40 mm See Note 1	
240.1	2237007101	Air Bag Pedestal	2237007101 NA 70 mm See Note 1	
240.1	2237008001	Air Bag Pedestal	2237008001 NA 100 mm See Note 1	
242	2350020100	Clamping Plate	2350020100 NA Left Hand With Shock Absorber Bolt M24 X 2.0 X 230 mm Long For 127 mm Axle See Note 1	

NLA — NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

MODUL SUSPENSION
UNDERSLUNG



Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

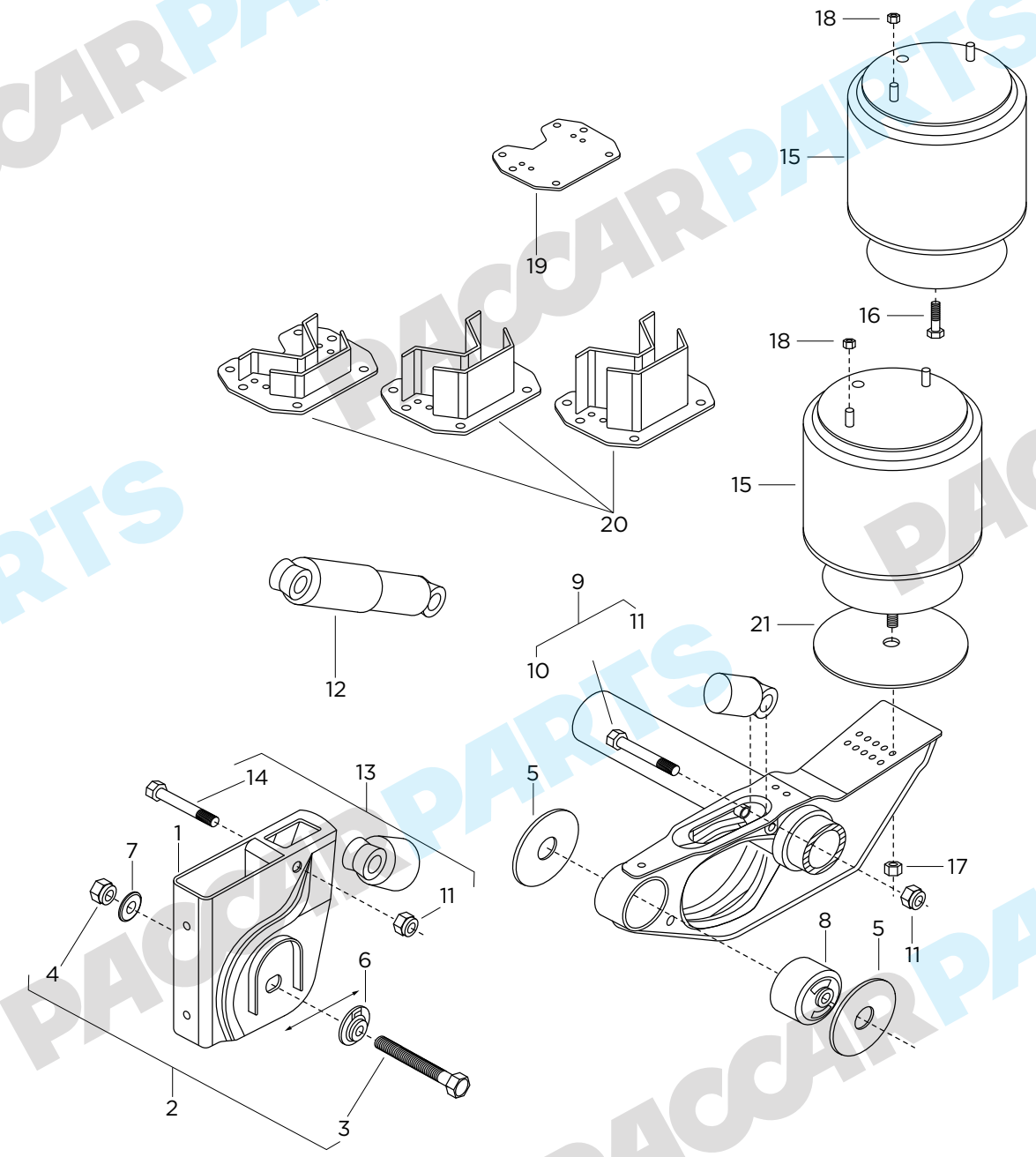
UNDERSLUNG MODUL U SUSPENSION			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
242	2350020000	Clamping Plate	2350020000 NA Right Hand With Shock Absorber Bolt M24 X 2.0 X 230 mm Long For 127 mm Axle See Note 1
242	1350008800	Clamping Plate	1350008800 NA For 127 mm/133 mm Axle See Note 1
242	1350008610	Clamping Plate	1350008610 NA For 146 mm Axle See Note 1
242	2350009701	Clamping Plate	2350009701 NA Left Hand With Shock Absorber Stud M24 X 2.0 Suits U33 Disc Brake Axle For 146 mm Axle See Note 1
242	2350009801	Clamping Plate	2350009801 NA Right Hand With Shock Absorber Stud M24 X 2.0 Suits U33 Disc Brake Axle For 146 mm Axle See Note 1
242	2350012600	Clamping Plate	2350012600 NA Left Hand With Shock Absorber Stud M24 X 2.0 Suits U25 Disc Brake Axle For 146 mm Axle See Note 1
NI	250812	Bolt - Spring Seat	2501812 NA M24 2.00 X 190 mm Long
250	XBAS0004	Shock Absorber Strap Bracket	2 mm Thick - New style

NLA — NO LONGER AVAILABLE

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

INTRADISC & INTRADRUM UNDERSLUNG & OVERSLUNG

IO - OVERSLUNG
IU - UNDERSLUNG



RK2377 – HANGER REPAIR KIT, INCLUDES REPAIR BOSS, BOLT, NUT, WASHERS.

Notes

1. Ride height, steel or alloy construction, and overslung or underslung information required.
2. Ride height, and overslung or underslung information required.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

INTRADISC & INTRADRUM UNDERSLUNG & OVERSLUNG SUSPENSION

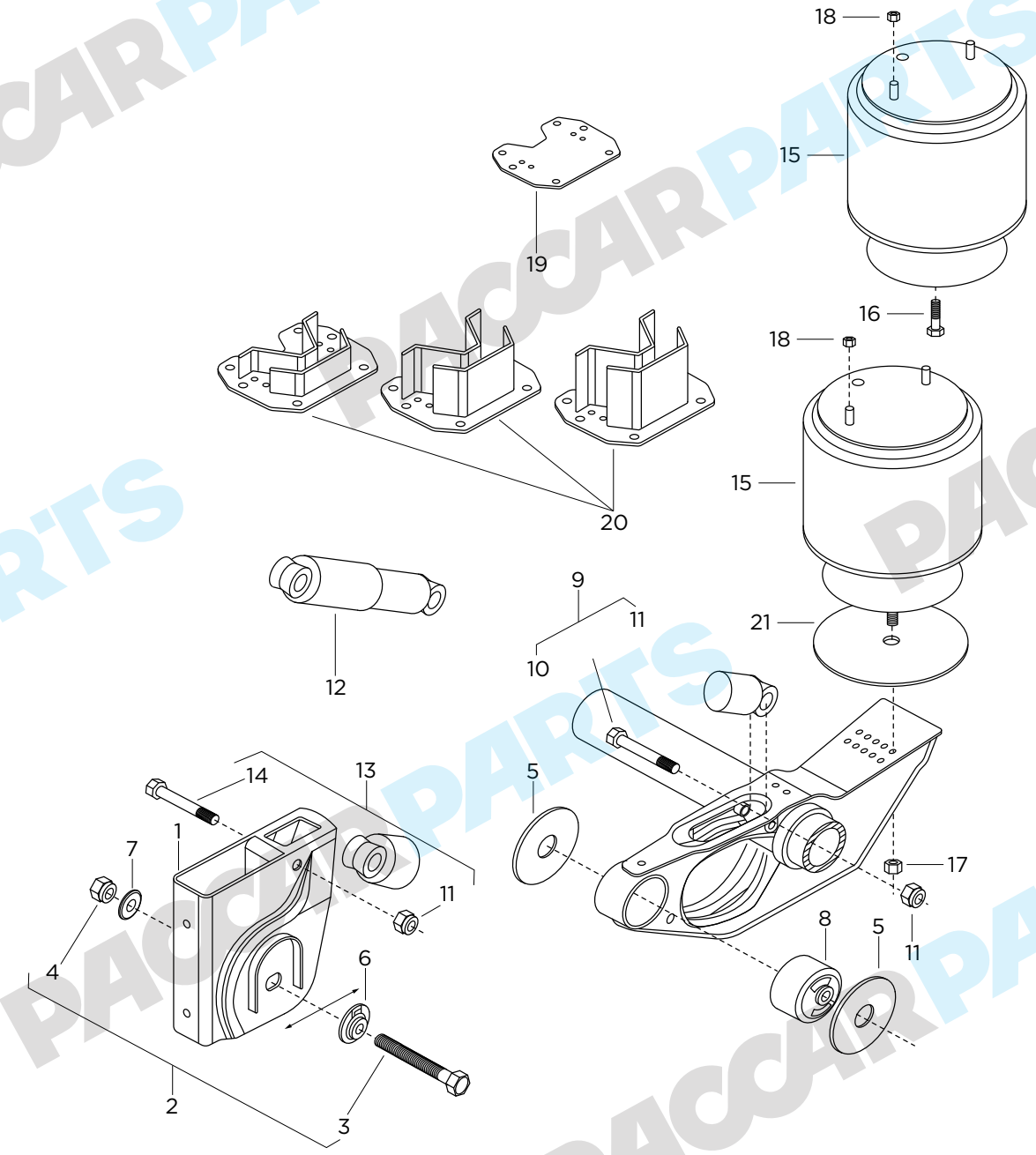
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	2183082502	Hanger	Steel 200 mm Height See Note 1	
1	2183082602	Hanger	Steel 250 mm Height See Note 1	
1	2183082701	Hanger	2183082701 NA Steel 300 mm Height See Note 1 & 3	
1	2183082801	Hanger	2183082801 NA Steel 350 mm Height See Note 1 & 3	
1	2183083000	Hanger	2183083000 NA Alloy 250 mm Height See Note 1 & 3	
1	2183083100	Hanger	2183083100 NA Alloy 300 mm Height See Note 1 & 3	
1	2183083200	Hanger	2183083200 NA Alloy 350 mm Height See Note 1 & 3	
2	3341104819S	Pivot Bolt Kit	Suits Steel Hanger Includes Bolt 4343104888S & Nut 4247402280S	
3	4343104888S	Pivot Bolt	M30 X 240 mm Suits Steel Hanger	
3	4343105388	Pivot Bolt	M30 X 240 mm Suits Alloy Hanger	
4	4247402280S	Nut	M30 NYLOC	
5	4331502900S	Wear Plate	Plastic	
6	1123000101S	Alignment Washer	102 mm X 20 mm Eccentric	
7	1101200100S	Washer	M20 X 5 mm Thick	
8	4177302800S	Pivot Bush		
9	3341280210	Shock Absorber Bottom Bolt Kit	Includes Bolt 4343280210S & Nut 4247404410S	
10	4343280210S	Shock Absorber Bottom Bolt	M20 X 155 mm Long	
11	4247404410S	Shock Absorber Nut	M20 Flanged	
12	2376008400	Shock Absorber	Standard See Note 2	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
12	2376008500	Shock Absorber	Standard See Note 2	
12	2376507000	Shock Absorber	Road Friendly See Note 2	
12	2376507100	Shock Absorber	Road Friendly See Note 2	
12	2376507200	Shock Absorber	Road Friendly See Note 2	

NLA — NO LONGER AVAILABLE | NI - NOT ILLUSTRATED | NA - NOT AVAILABLE

AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

INTRADISC & INTRADRUM UNDERSLUNG & OVERSLUNG

IO - OVERSLUNG
IU - UNDERSLUNG



RK2377 – HANGER REPAIR KIT, INCLUDES REPAIR BOSS, BOLT, NUT, WASHERS.

Notes

1. Ride height, steel or alloy construction, and overslung or underslung information required.
2. Ride height, and overslung or underslung information required.
3. Part Number shown for reference only. Refer to PACCAR Parts for further options.

For further information contact your nearest authorised PACCAR Parts dealer.

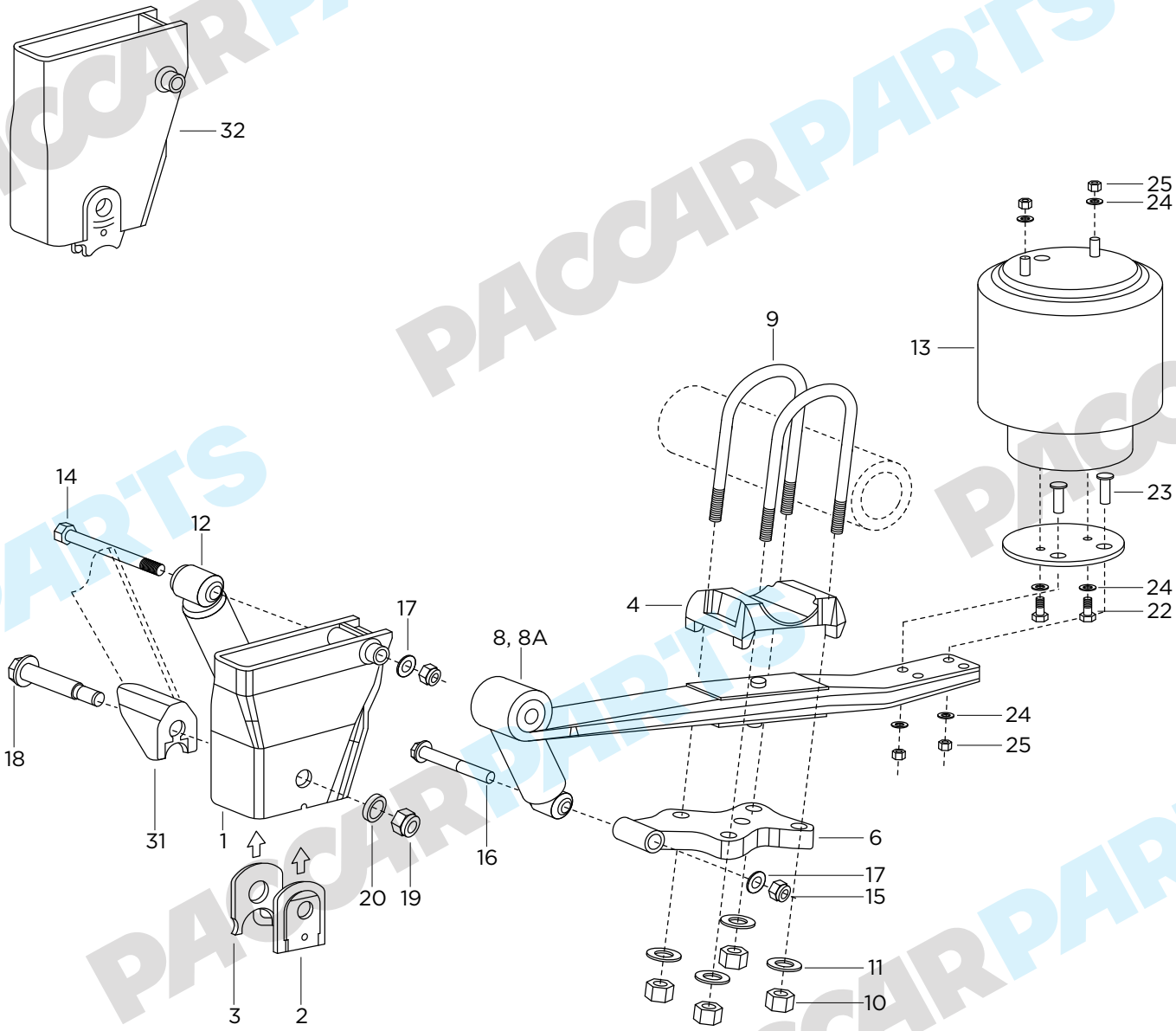
AIR BAG SUSPENSIONS
SAF-HOLLAND SUSPENSIONS

INTRADISC & INTRADRUM UNDERSLUNG & OVERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
13	3044105400	Shock Absorber Top Bolt Kit	Suits Alloy Hanger Includes Bolt 4343280410S & Nut 4247404410S	
14	4343280310	Shock Absorber Top Bolt	Suits Steel Hanger M20 X 125 mm Long (125 mm Under Bolt Head)	
14	4343280410S	Shock Absorber Top Bolt	Suits Alloy Hanger M20 X 205 mm Long	
NI	1097000800	Spacer Washer	Suits Alloy Hanger 10 mm X 5 mm	
15	3228103300	Air Bag	SAF 2619V 300 mm Diameter Includes Bolt 4343103688S & Lock Nut 4247404710S Single Bolt Part Number On Unit	See Section 19 For Air Bags
15	3228104100S	Air Bag	SAF 2924V 350 mm Diameter Single Bolt Part Number On Unit	
15	3228104200	Air Bag	SAF 2919V 350 mm	
16	4343103688S	Hex Bolt	M16 X 40 mm Long Suits SAF 0027 & 1041 Air Bags	
17	4247400780S	Lock Nut	M16 Suits SAF 0033 Air Bags	
NI	4141000600S	Spring Washer	M12	
18	4247404710S	Lock Nut	M12	
19	1043026101S	Air Bag Top Plate	5 mm Thick	
20	2237008101S	Air Bag Pedestal	50 mm	
20	2237008001S	Air Bag Pedestal	100 mm	
20	2237008201S	Air Bag Pedestal	150 mm	
21	1284605200S	Air Bag Plate	5 mm Suits 60 mm Offset Air Bags	

AIR BAG SUSPENSIONS
WEWELER SUSPENSIONS

ULTRA LITE 230 - 325 9 TON MONO LEAF UNDERSLUNG

230 mm - 325 mm RIDE HEIGHT



Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.
2. Weweler Suspensions are distributed by Fuwa K-Hitch.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
WEWELER SUSPENSIONS

ULTRA LITE 230 - 325 9 TON MONO LEAF UNDERSLUNG SUSPENSION

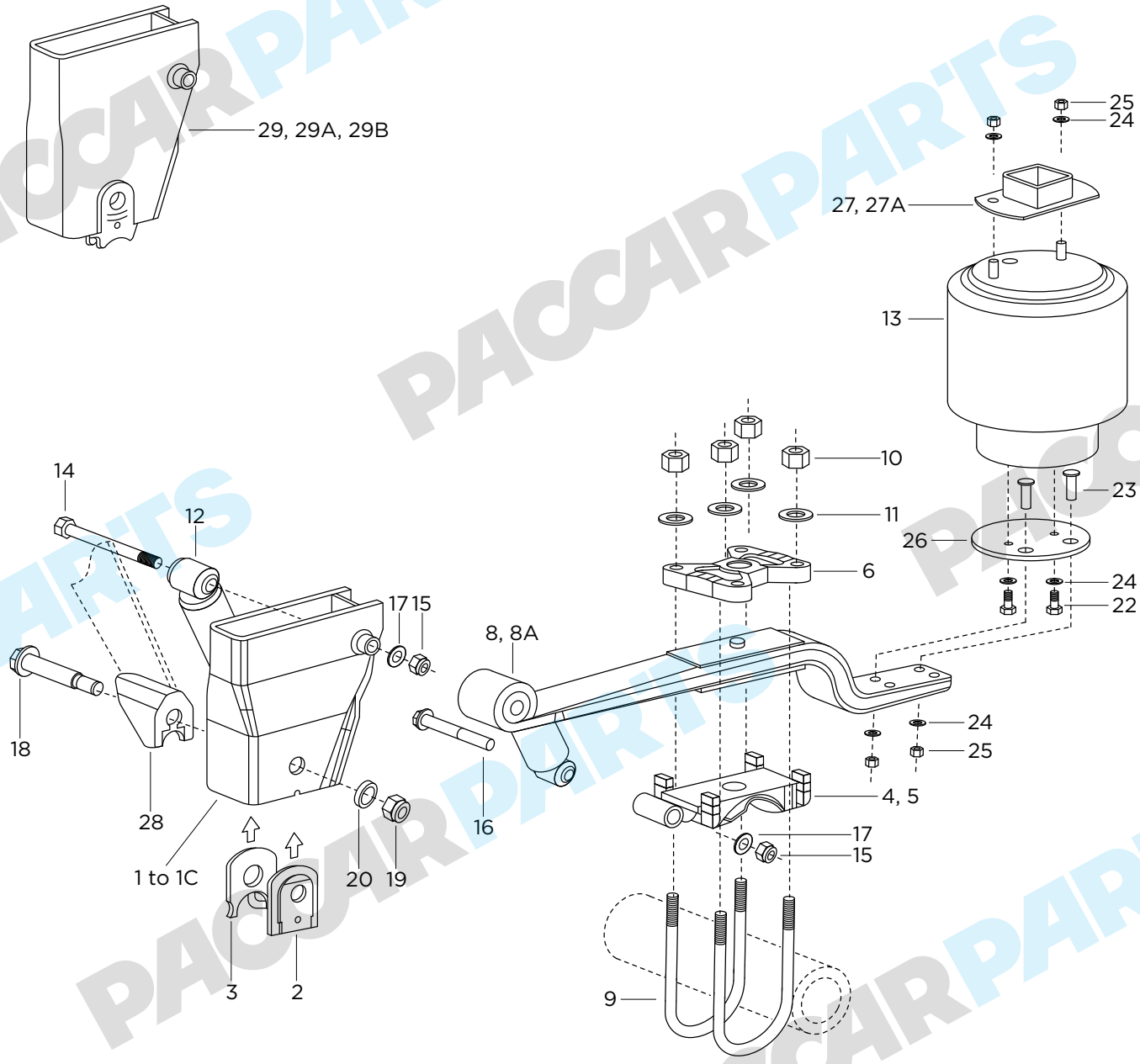
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	WUT001C45A285	Hanger	WUT001C45A285 NA See Note 1	
2	WUT010A04K	Wear Plate	Adjustable	
3	WUT010A06K	Plate	Tracking	
4	WUT006001A78A	Seat – Axle	Suits 127 mm Diameter Axles	
6	WUT005A54A	U-Bolt Plate	WUT005A54A NA 127 mm X 120 mm See Note 1	
8	WF001A437HG75	Trailing Arm		
8A	WC234264	Pivot Bush		
9	WB001M24B064	U-Bolt	M24 X 270 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
10	WC290140	Nut	M24 X 2.0 Grade 10.0	
11	WC300657	Washer	M24	
12	WD8A91-2643W	Shock Absorber	Type 2643W	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
13	WUS07364F	Air Spring	Euro	See Section 19 For Air Bags
14	WC275128	Bolt	WC275128 NA Shock Absorber Top M20 X 2.0 X 240 mm Long Grade 10.9 See Note 1	
15	WC330063	Nut	NYLOC M20 X 2.0	
16	WC275126	Bolt	WC275126 NA Shock Absorber M20 X 2.0 X 175 mm Long Grade 10.9 See Note 1	
17	WC300951	Washer	WC300951 NA M20 See Note 1	
18	WC401227D	Pivot Bolt	M27 X 186 mm Long	
19	WUBM27N006ZN	Nut	NYLOC M27 X 2.0	
20	WUT009A09G	Washer	46 mm OD, 30 mm ID	
22	WC270602	Bolt	M12 X 30 mm Long	
23	WC275612	Bolt	Allen Key Head M12 X 60 mm Long	
24	WC301348	Washer	M12	
25	WC330021	Lock Nut	M12 Grade 8.0	
30	WUT003A24K	Plate	Offset 65 mm	
31	WUT996A04B	Bracing Mount	WUT996A04B NA Bolt On See Note 1	
32	WUT001A45A310	Hanger	WUT001A45A310 NA With Wear Plate See Note 1	

NA - NOT AVAILABLE | OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER

AIR BAG SUSPENSIONS
WEWELER SUSPENSIONS

ULTRA LITE 375 - 475 9 TON OVERSLUNG

375 mm - 475 mm RIDE HEIGHT



Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.
2. Weweler Suspensions are distributed by Fuwa K-Hitch.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
WEWELER SUSPENSIONS

ULTRA LITE 375 - 475 9 TON OVERSLUNG SUSPENSION

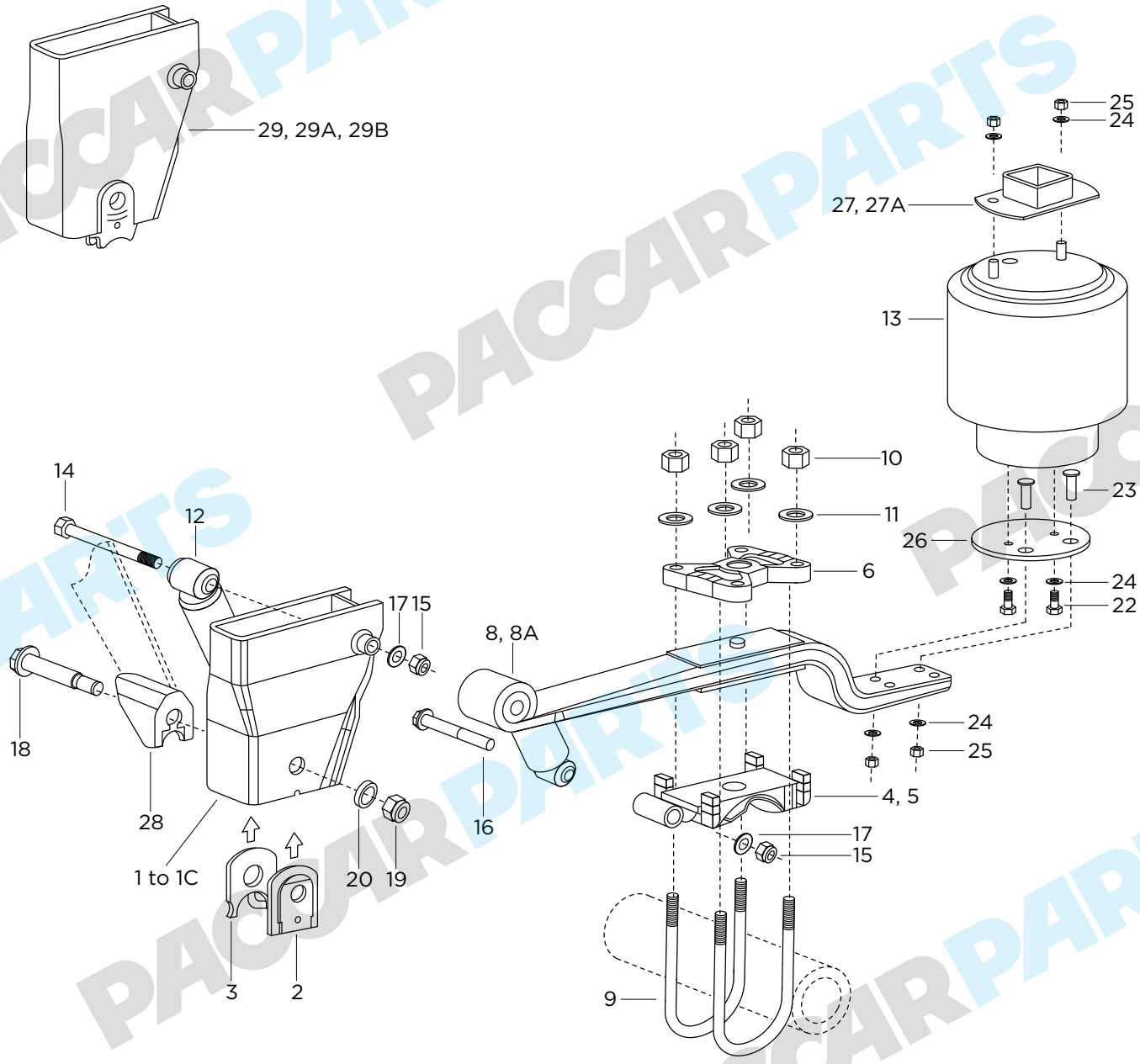
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1A	WUT001C45A285	Hanger	WUT001C45A285 NA 375 mm Ride Height See Note 1	
1B	WUT001C45A310	Hanger	400 mm Ride Height	
1C	WUT001C45A335	Hanger	425 mm Ride Height	
2	WUT010A04K	Wear Plate	Adjustable	
3	WUT010A06K	Plate	Tracking	
4	WUT006001L78A	Seat – Axle	Left Hand Suits 127 mm Diameter Axles	
5	WUT006001R78A	Seat – Axle	Right Hand Suits 127 mm Diameter Axles	
6	WUT005001A73A	U-Bolt Plate		
8	WF001A437HE75	Trailing Arm		
8A	WC234264	Pivot Bush		
9	WB001M24B064	U-Bolt	M24 X 270 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
10	WC290140	Nut	M24 X 2.0 Grade 10.0	
11	WC300657	Washer	M24	
12	WD8A91-2643W	Shock Absorber	Type 2643W	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
13	WUS07364F	Air Spring	Euro	See Section 19 For Air Bags
14	WC275128	Bolt	WC275128 NA Shock Absorber Top M20 X 2.0 X 240 mm Long Grade 10.9 See Note 1	
15	WC330063	Nut	NYLOC M20 X 2.0	
16	WC275126	Bolt	WC275126 NA Shock Absorber M20 X 2.0 X 175 mm Long Grade 10.9 See Note 1	
17	WC300951	Washer	WC300951 NA M20 See Note 1	
18	WC401227D	Pivot Bolt	M27 X 186 mm Long	
19	WUBM27N006ZN	Nut	NYLOC M27 X 2.0	
20	WUT009A09G	Washer	46 mm OD, 30 mm ID	
22	WC270602	Bolt	M12 X 30 mm Long	
23	WC275612	Bolt	Allen Key Head M12 X 60 mm Long	
24	WC301348	Washer	M12	
25	WC330021	Lock Nut	M12 Grade 8.0	
26	WUT003A24K	Plate	Offset 65 mm	
27	WUT011A00E022	Pedestal	WUT011A00E022 NA Bolt Hole To Centre Line Offset ""C"" = 30 mm 400 mm Ride Height	

NA - NOT AVAILABLE | OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER

AIR BAG SUSPENSIONS
WEWELER SUSPENSIONS

ULTRA LITE 375 - 475 9 TON OVERSLUNG

375 mm - 475 mm RIDE HEIGHT



Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.
2. Weweler Suspensions are distributed by Fuwa K-Hitch.

For further information contact your nearest authorised PACCAR Parts dealer.

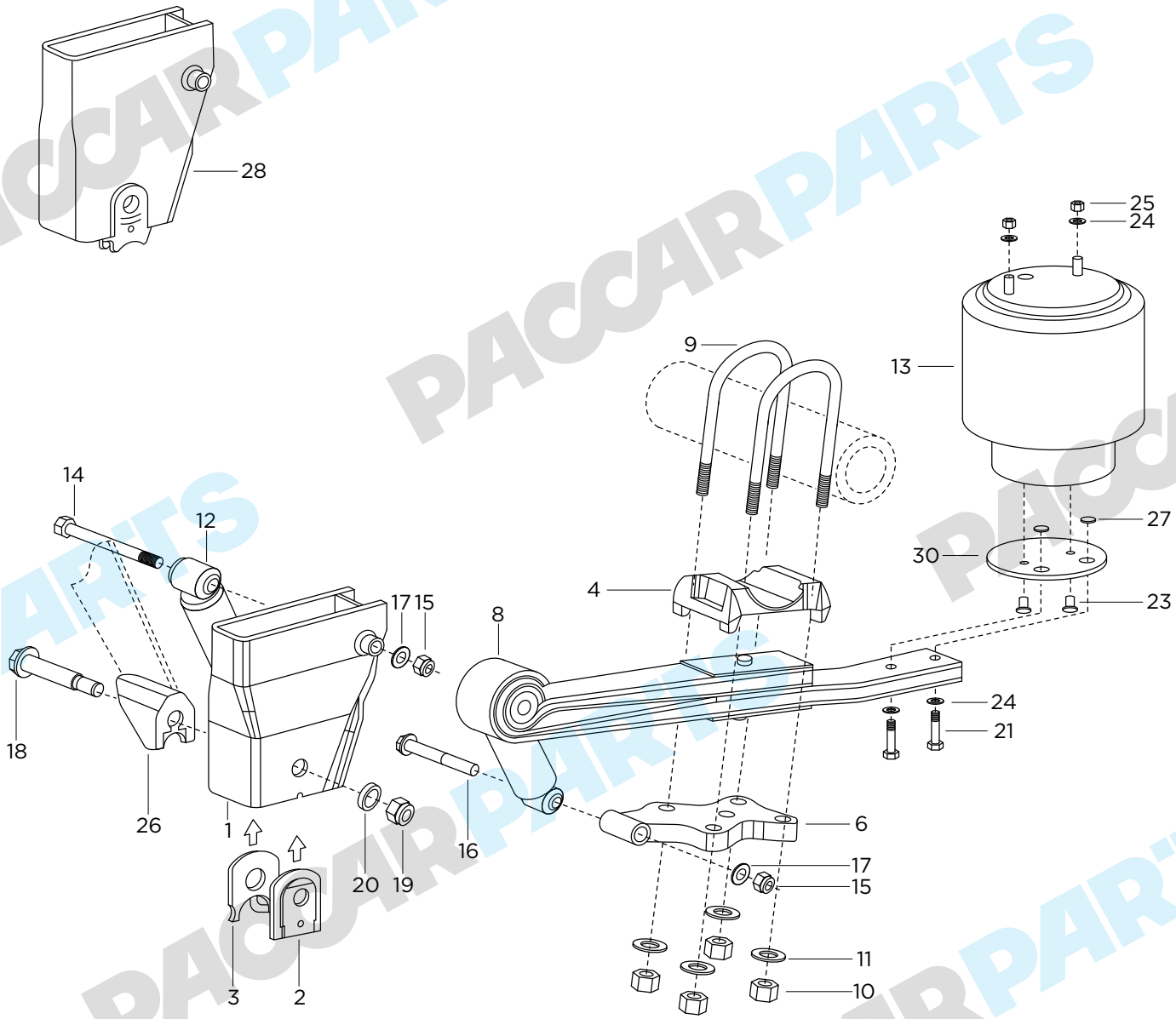
AIR BAG SUSPENSIONS
WEWELER SUSPENSIONS

ULTRA LITE 375 - 475 9 TON OVERSLUNG SUSPENSION			
ITEM NO.	**PART NO.**	**DESCRIPTION**	**COMMENTS**
27A	WUT011A00E042	Pedestal	WUT011A00E042 NA Bolt Hole To Centre Line Offset ""C"" = 30 mm 425 mm Ride Height
28	WUT996A04B	Bracing Mount	WUT996A04B NA Bolt On See Note 1
29	WUT001A45A285	Hanger	WUT001A45A285 NA With Wear Plate 375 mm Ride Height See Note 1
29A	WUT001A45A310	Hanger	WUT001A45A310 NA With Wear Plate 400 mm Ride Height See Note 1
29B	WUT001A45A335	Hanger	WUT001A45A335 NA With Wear Plate 425 mm Ride Height See Note 1

AIR BAG SUSPENSIONS
WEWELER SUSPENSIONS

EURO 230 - 315 9 TON TWIN LEAF UNDERSLUNG

230 mm - 315 mm RIDE HEIGHT



Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.
2. Weweler Suspensions are distributed by Fuwa K-Hitch.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
WEWELER SUSPENSIONS

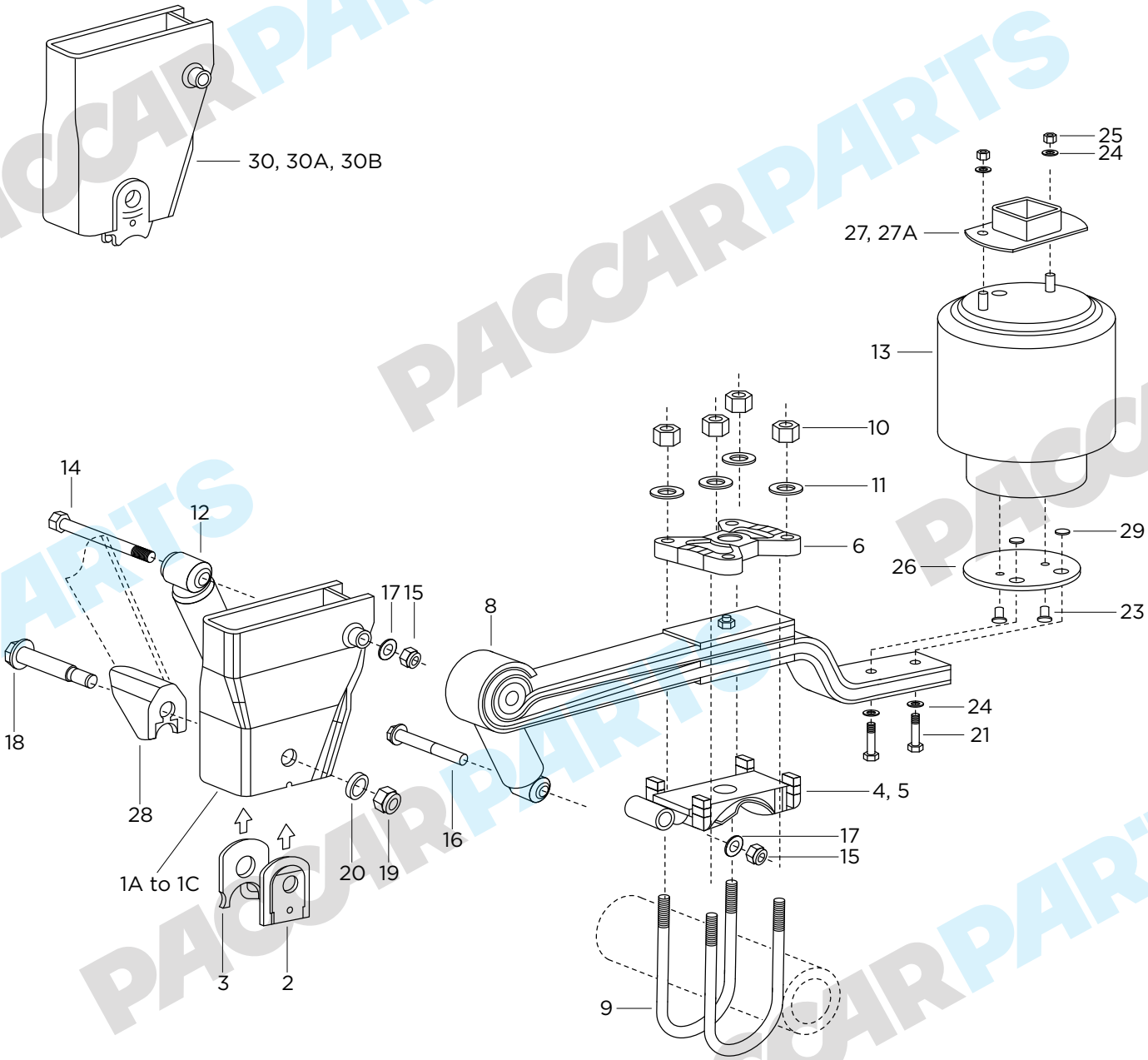
EURO 230 - 315 9 TON TWIN LEAF UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	WUT001C45A310	Hanger	400 mm Ride Height	
2	WUT010A04K	Wear Plate	Adjustable	
3	WUT010A06K	Plate	Tracking	
4	WUT006001A78A	Seat – Axle	Suits 127 mm Diameter Axles	
6	WUT005A54A	U-Bolt Plate	WUT005A54A NA 127 mm X 120 mm See Note 1	
8	WF001A137DG75	Trailing Arm	Euro	
8A	WC234264	Pivot Bush		
9	WB001M24B077	U-Bolt	M24 X 295 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
10	WC290140	Nut	M24 X 2.0 Grade 10.0	
11	WC300657	Washer	M24	
12	WD8A91-2643W	Shock Absorber	Type 2643W	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
13	WUS07364F	Air Spring	Euro	See Section 19 For Air Bags
14	WC275128	Bolt	WC275128 NA Shock Absorber Top M20 X 2.0 X 240 mm Long Grade 10.9 See Note 1	
15	WC330063	Nut	NYLOC M20 X 2.0	
16	WC275126	Bolt	WC275126 NA Shock Absorber M20 X 2.0 X 175 mm Long Grade 10.9 See Note 1	
17	WC300951	Washer	WC300951 NA M20 See Note 1	
18	WC401227D	Pivot Bolt	M27 X 186 mm Long	
19	WUBM27N006ZN	Nut	NYLOC M27 X 2.0	
20	WUT009A09G	Washer	46 mm OD, 30 mm ID	
21	WC270614	Bolt	WC270614 NA M12 X 60 mm Long See Note 1	
23	WC275603	Bolt	Allen Key Head Countersunk	
24	WC301348	Washer	M12	
25	WC330021	Lock Nut	M12 Grade 8.0	
26	WUT996A04B	Bracing Mount	WUT996A04B NA Bolt On See Note 1	
27	WC281082	Bolt	WC281082 NA M12 See Note 1	
28	WUT001A45A310	Hanger	WUT001A45A310 NA With Wear Plate See Note 1	

NA - NOT AVAILABLE | OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER

AIR BAG SUSPENSIONS
WEWELER SUSPENSIONS

ULTRA LITE 375 - 475 TWIN LEAF 9 TON OVERSLUNG

375 mm - 475 mm RIDE HEIGHT



Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.
2. Weweler Suspensions are distributed by Fuwa K-Hitch.

For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG SUSPENSIONS
WEWELER SUSPENSIONS

ULTRA LITE 375 - 475 TWIN LEAF 9 TON OVERSLUNG SUSPENSION

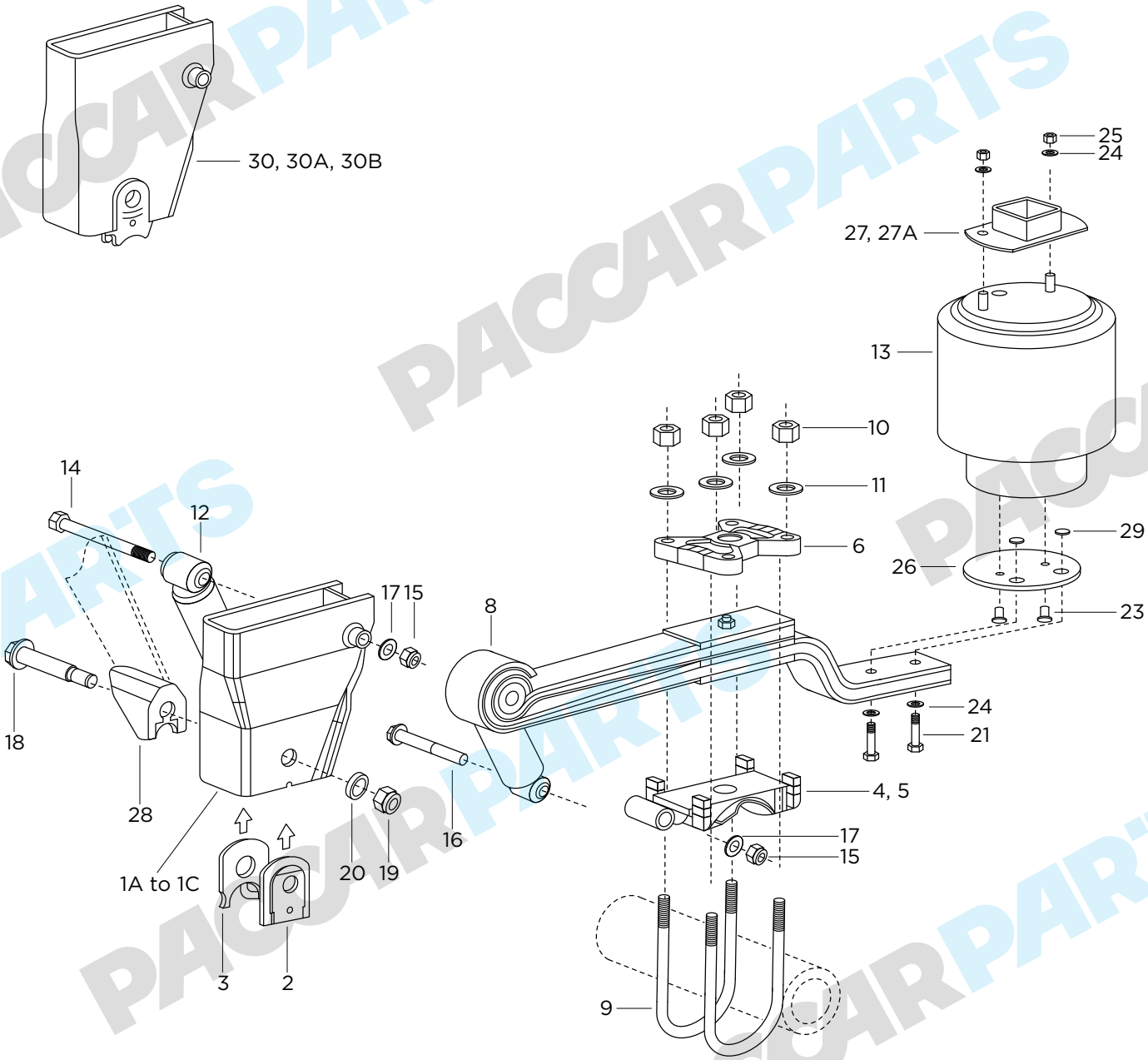
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1A	WUT001C45A285	Hanger	WUT001C45A285 NA 375 mm Ride Height See Note 1	
1B	WUT001C45A310	Hanger	400 mm Ride Height	
1C	WUT001C45A335	Hanger	425 mm Ride Height	
2	WUT010A04K	Wear Plate	Adjustable	
3	WUT010A06K	Plate	Tracking	
4	WUT006001L78A	Seat – Axle	Left Hand Suits 127 mm Diameter Axles	
5	WUT006001R78A	Seat – Axle	Right Hand Suits 127 mm Diameter Axles	
6	WUT005001A73A	U-Bolt Plate		
8	WF001A137DE75	Trailing Arm	Euro	
8A	WC234264	Pivot Bush		
9	WB001M24B077	U-Bolt	M24 X 295 mm	See Sections 22.1 & 22.2 For U-Bolt Information & Images
10	WC290140	Nut	M24 X 2.0 Grade 10.0	
11	WC300657	Washer	M24	
12	WD8A91-2643W	Shock Absorber	Type 2643W	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
13	WUS07364F	Air Spring	Euro	See Section 19 For Air Bags
14	WC275128	Bolt	WC275128 NA Shock Absorber Top M20 X 2.0 X 240 mm Long Grade 10.9 See Note 1	
15	WC330063	Nut	NYLOC M20 X 2.0	
16	WC275126	Bolt	WC275126 NA Shock Absorber M20 X 2.0 X 175 mm Long Grade 10.9 See Note 1	
17	WC300951	Washer	WC300951 NA M20 See Note 1	
18	WC401227D	Pivot Bolt	M27 X 186 mm Long	
19	WUBM27N006ZN	Nut	NYLOC M27 X 2.0	
20	WUT009A09G	Washer	46 mm OD, 30 mm ID	
21	WC270614	Bolt	WC270614 NA M12 X 60 mm Long See Note 1	
22	WC270602	Bolt	M12 X 30 mm Long	
23	WC275603	Bolt	Allen Key Head Countersunk	
24	WC301348	Washer	M12	
25	WC330021	Lock Nut	M12 Grade 8.0	

NA - NOT AVAILABLE | OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER

AIR BAG SUSPENSIONS
WEWELER SUSPENSIONS

ULTRA LITE 375 - 475 TWIN LEAF 9 TON OVERSLUNG

375 mm - 475 mm RIDE HEIGHT



Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.
2. Weweler Suspensions are distributed by Fuwa K-Hitch.

For further information contact your nearest authorised PACCAR Parts dealer.

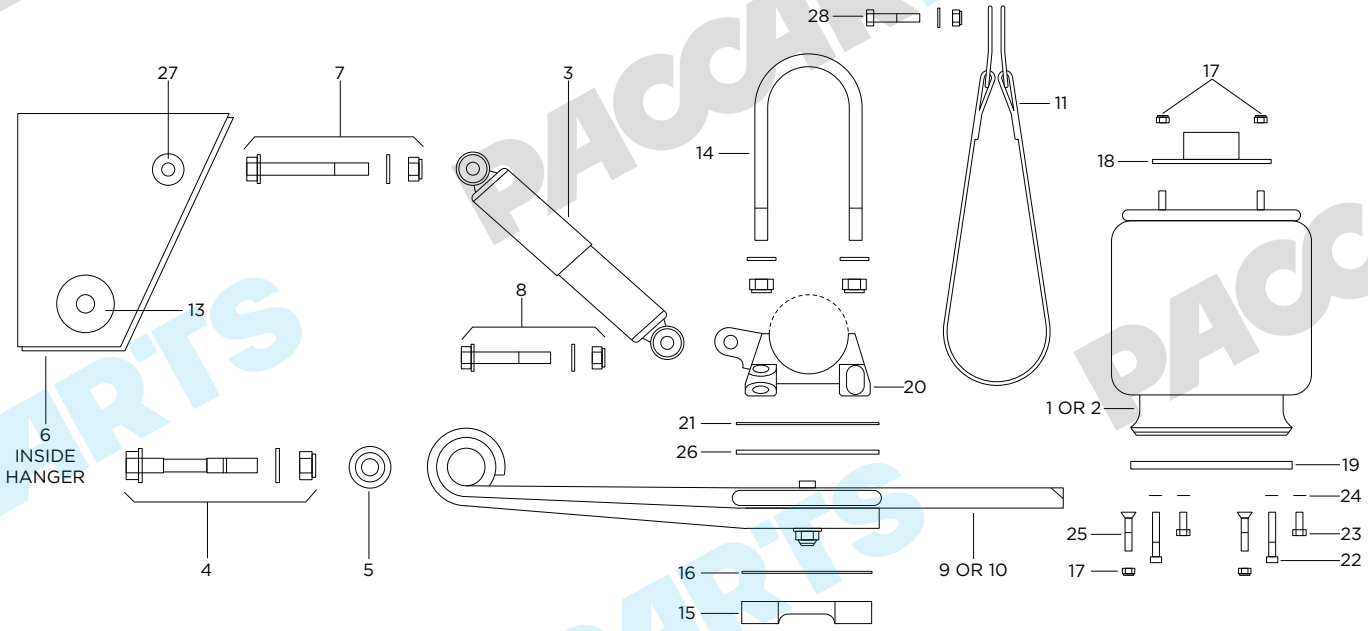
AIR BAG SUSPENSIONS
WEWELER SUSPENSIONS

ULTRA LITE 375 - 475 TWIN LEAF 9 TON OVERSLUNG SUSPENSION			
ITEM NO.	**PART NO.**	**DESCRIPTION**	**COMMENTS**
26	WUT003A19K	Plate	WUT003A19K NA Offset 30 mm / 50 mm See Note 1
27	WUT011A00E022	Pedestal	WUT011A00E022 NA Bolt Hole To Centre Line Offset "C" = 30 mm 400 mm Ride Height
27A	WUT011A00E042	Pedestal	WUT011A00E042 NA Bolt Hole To Centre Line Offset "C" = 30 mm 425 mm Ride Height
28	WUT996A04B	Bracing Mount	WUT996A04B NA Bolt On See Note 1
29	WC281082	Nut	WC281082 NA See Note 1
30	WUT001A45A285	Hanger	WUT001A45A285 NA With Wear Plate 375 mm Ride Height See Note 1
30A	WUT001A45A310	Hanger	WUT001A45A310 NA With Wear Plate 400 mm Ride Height See Note 1
30B	WUT001A45A335	Hanger	WUT001A45A335 NA With Wear Plate 425 mm Ride Height See Note 1

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR 1 (UNDERSLUNG SHOWN)

200, 300, 350, 400mm RIDE HEIGHT



Notes

1. Early Tecair 1 shock absorbers had a bar pin at the bottom mount.
2. Suspension is only configured as underslung as shown.

For further information contact your nearest authorised PACCAR Parts dealer.

YORK

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

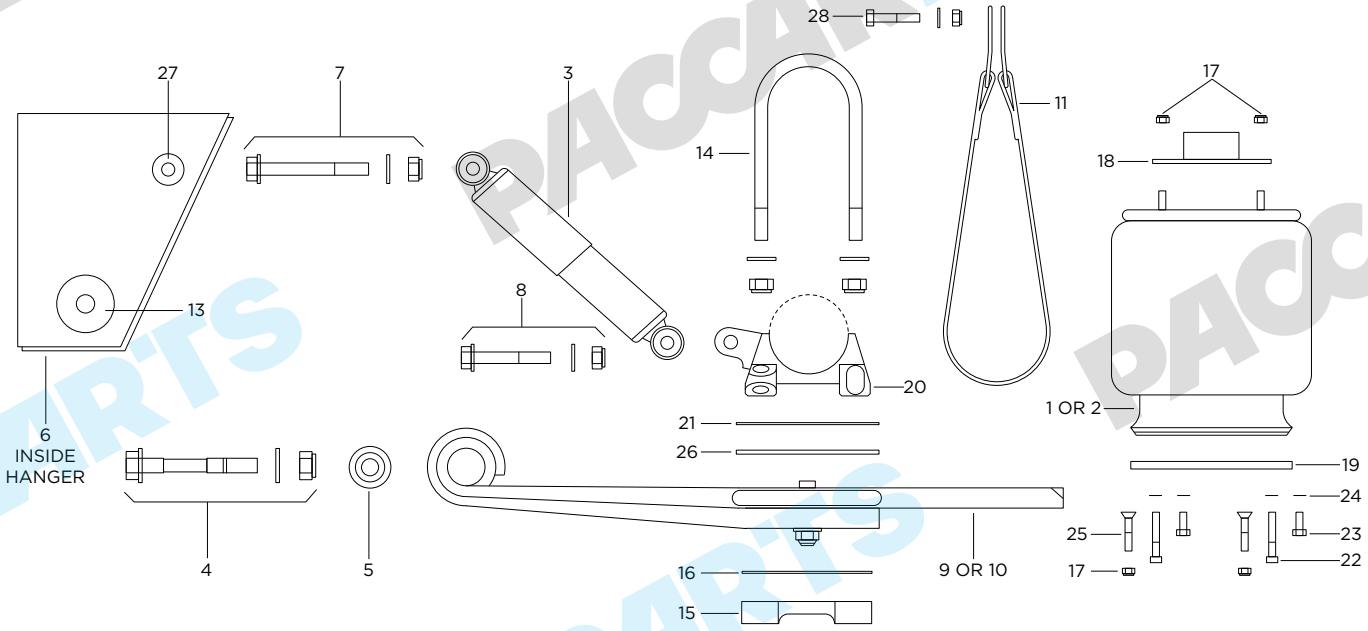
TECAIR 1 UNDERSLUNG SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	T03-AS3180-A	Air Spring	200 mm Ride Height	See Section 19 For Air Bags
2	T03-AS3233-A	Air Spring	300 mm - 400 mm Ride Height	
3	91-2542	Shock Absorber	Bolt Mount KONI	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
	T03-4012	Shock Absorber	Bolt Mount OEM Boge	
	P185	Shock Absorber	Bolt Mount Powerdown	
	T03-4011	Shock Absorber	Pin Mount OEM KONI	
	NLA	Shock Absorber	90-2067 NLA Pin Mount KONI	
	P52449	Shock Absorber	Pin Mount Powerdown	
NI	T03-4002	Shock Absorber Bush	58 mm Long X 24 mm ID X 42.5 mm OD Suits KONI Shock Absorber	
NI	T03-4014	Shock Absorber Bush	OEM Suits Boge Shock Absorber	
NI	PDB390K3	Shock Absorber Bush	Suits P185 Powerdown Shock Absorber	
NI	T03-4014S	Shock Absorber Bush Sleeve		
4	T03-1245	Pivot Bolt Kit	Includes Lock Nut And Washer	
5	T03-1097	Pivot Bush		
6	T03-1250	Wear Pad	Tecair 1 2 Required	
7	T03-4005	Shock Absorber Bolt Assembly	Upper M24 X 180 mm Long Includes Lock Nut And Washer	
8	T03-4010	Shock Absorber Bolt Assembly	Lower M24 X 135 mm Long Includes Lock Nut And Washer	
9	T03-7350	Spring Beam	9 tonne Includes T03-1097 Pivot Bush	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
10	T03-7351	Spring Beam	11 tonne Includes T03-1097 Pivot Bush	

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR 1 (UNDERSLUNG SHOWN)

200, 300, 350, 400mm RIDE HEIGHT



Notes

1. Early Tecair 1 shock absorbers had a bar pin at the bottom mount.
2. Suspension is only configured as underslung as shown.

For further information contact your nearest authorised PACCAR Parts dealer.

YORK

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

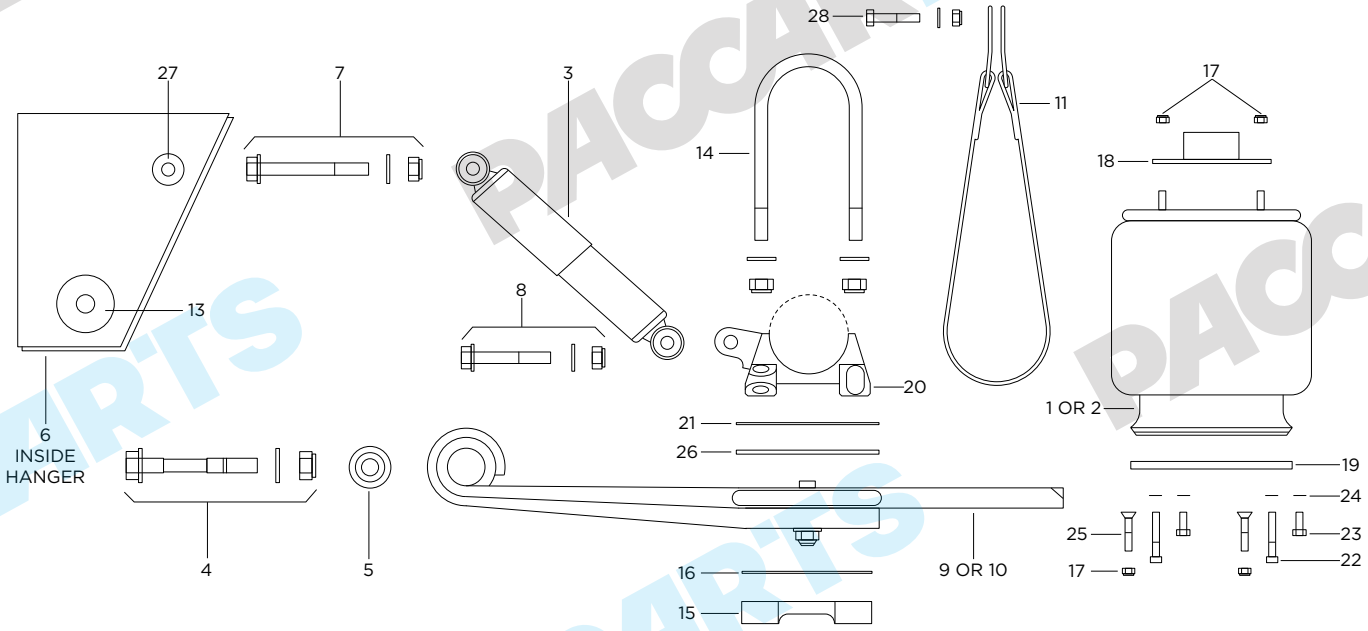
TECAIR 1 UNDERSLUNG SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
11	T03-RS970	Restraint Strap	Red Tecair 1 200 mm Ride Height
	T03-RS1070	Restraint Strap	Yellow Tecair 1 280 mm Ride Height
	T03-RS1170	Restraint Strap	Black Tecair 1 300 mm Ride Height
	T03-RS1270	Restraint Strap	Orange Tecair 1 350 mm Ride Height
	T03-RS1370	Restraint Strap	Blue Tecair 1 400 mm Ride Height
	61786866/1570	Restraint Strap	Orange Tecair 1 1570 mm Ride Height
NI	T03-AS506324	Axle Lift Air Bag	Contact PACCAR Parts
13	T03-1281	Hanger Repair Boss	
NI	T03-1250	Hanger Wear Pad	Contact PACCAR Parts
14	T03-8076	U-Bolt	See Sections 22.1 & 22.2 For U-Bolt Information & Images
15	T03-8077	Spring Bottom Plate	
16	61506234	Plate Tracking	
17	49LNM12	Nut	M12 NYLOC
18	61790542	Plate	Air Bag Top
19	61787688	Reinforcement Plate	80 mm Offset Airbag
20	Various	Axle Seat	See Note 1 Contact PACCAR Parts
21	61506284	Shim	Upper
22	49SHM12175080	Bolt	M12 X 1.75 X 80 mm Long Socket Head
23	49HBM12175030	Bolt	M12 X 1.75 X 30 mm Long Hex Head
24	49SWM12	Spring Washer	M12
25	49CSM12175070	Bolt	M12 X 1.75 X 70 mm Long Countersunk Head
26	61506234	Plate Tracking	
27	61506225/01	Shock Absorber Boss	Pre 1995 Shouldered Type
	61506225/02	Shock Absorber Boss	Post 1995 Straight Type
NI	61506248	Bar Pin	See Note 1 Lower Shock Absorber Mount

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR 1 (UNDERSLUNG SHOWN)

200, 300, 350, 400mm RIDE HEIGHT



Notes

1. Early Tecair 1 shock absorbers had a bar pin at the bottom mount.
2. Suspension is only configured as underslung as shown.

For further information contact your nearest authorised PACCAR Parts dealer.

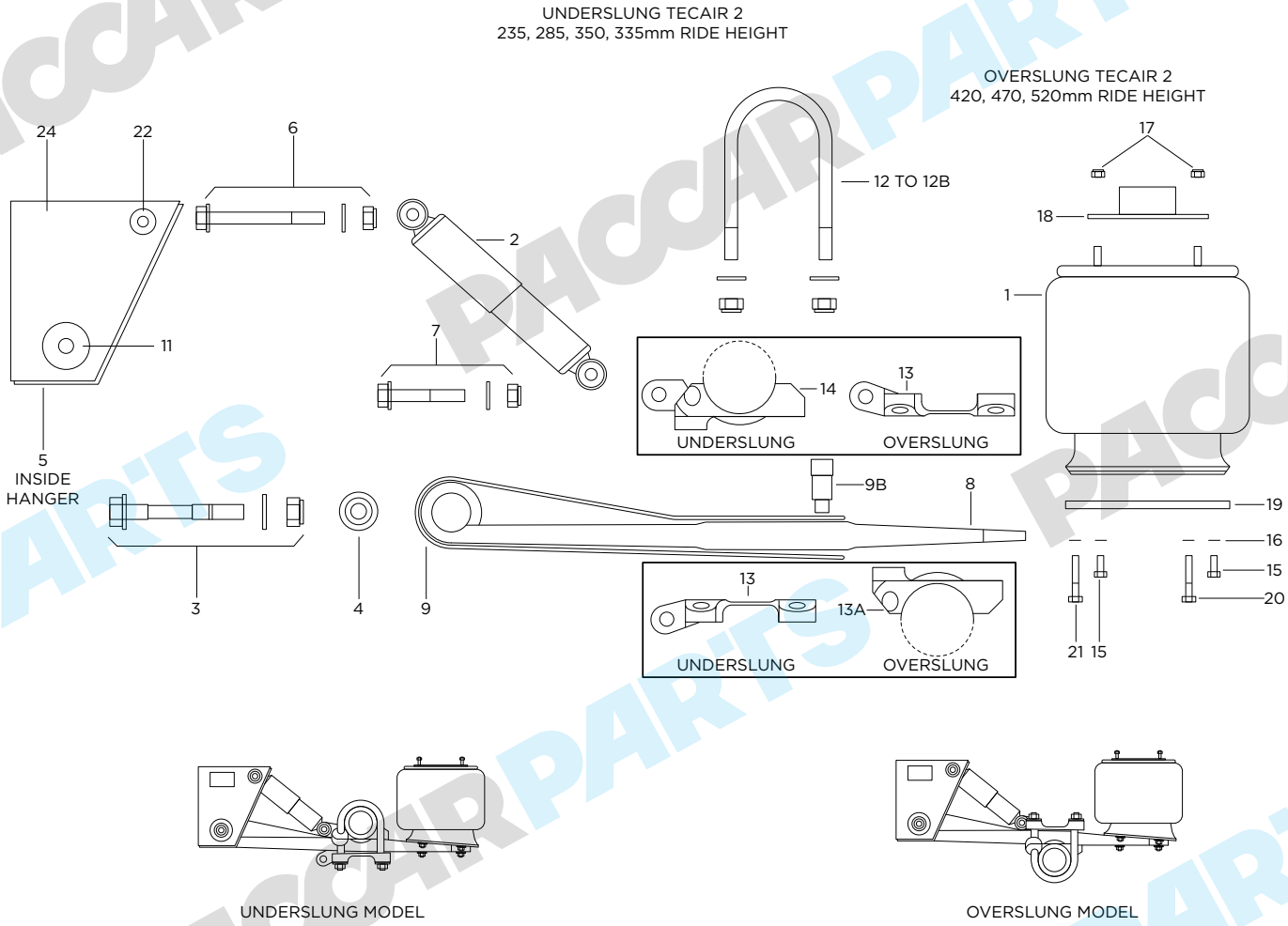
YORK

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR 1 UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
28	61SB786154	Axle Strap Bolt Assembly	Nylon Strap	
	61SB786155	Axle Strap Bolt Assembly	Wire Rope	
NI	Various	Height Control Valve	Contact PACCAR Parts	See Section 26 For Suspension Height Control Systems and Component Information & Images

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR 1 (UNDERSLUNG SHOWN)



UNDERSLUNG MODEL

OVERSLUNG MODEL

Notes

1. T03-4002 – 58 mm long x 24 mm I.D. x 42.5 mm O.D.
2. 91-2756 replaced 90-2260

For further information contact your nearest authorised PACCAR Parts dealer.

YORK

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

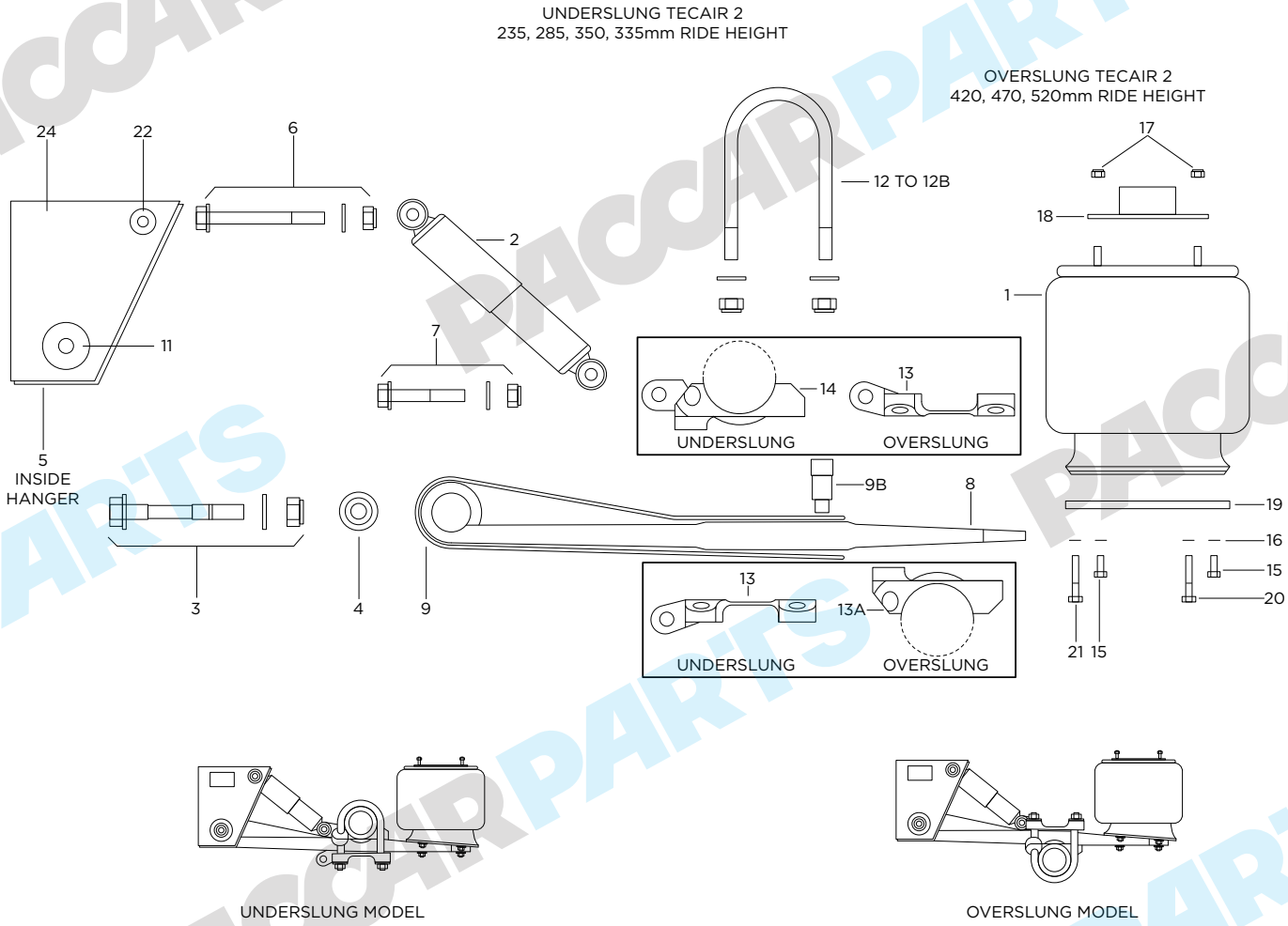
TECAIR 2 UNDERSLUNG SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	T03-AS3180-A	Air Spring		See Section 19 For Air Bags
2	T03-4013	Shock Absorber	OEM	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
	91-2756	Shock Absorber	KONI	
	SA009TRP	Shock Absorber	Powerdown	
NI	T03-4002	Shock Absorber Bush	58 mm Long X 24 mm ID X 42.5 mm OD Suits KONI Shock Absorber	
3	T03-1245	Pivot Bolt Kit	Includes Lock Nut And Washer	
4	T03-1097	Pivot Bush	Included with Spring Beam T03-7352	
5	T03-1251	Wear Pad	Tecair 2	
6	T03-4005	Shock Absorber Bolt Assembly	Upper Includes Lock Nut And Washer	
7	T03-4010	Shock Absorber Bolt Assembly	Lower M24 X 135 mm Long Includes Lock Nut And Washer	
8	T03-7352	Spring Beam	Includes T03-1097 Pivot Bush	See Sections 21.1, 21.2 & 21.3 For Springs and Spring Component Information & Images
9	T03-7352W	Spring Beam Wrapper		
NI	NLA	Plastic Insert for Spring Wrapper	T03-7352WP NLA	
NI	T03-7352P1N	Dowel Pin		
NI	T03-AS787820	Axle Lift Air Bag		
11	T03-1279	Hanger Pivot Boss		
12	T03-8075	U-Bolt	M24 x 270 mm Long	See Sections 22.1 & 22.2 For U-Bolt Information & Images
12A	61SB506245/290	U-Bolt	M24 x 290 mm Long	
12B	T03-8076	U-Bolt	M24 x 320 mm Long	
13	61787807	Clamp Plate	Suits Underslung And Overslung	
13A	61787801	Axle Seat	Without Shock Absorber Lugs Suits Overslung	
14	61SB787801	Axle Seat	With Shock Absorber Lugs Suits Underslung	
14A	61787806	Shock Absorber Mounting Lug	2 Per Axle Seat Required	
15	49HBM12175030	Bolt	M12 X 1.75 X 30 mm Long Hex Head	
16	49SWM12	Spring Washer	M12	
17	49LNM12	Nut	M12 NYLOC	
18	61790542	Plate	Air Bag Top	
19	61792342	Plate	Air Bag Bottom	
20	49HBM12175055	Bolt	M12 X 1.75 X 55 mm Long Hex Head	
21	49HBM12175065	Bolt	M12 X 1.75 X 65 mm Long Hex Head	
22	61506225/01	Shock Absorber Boss	Pre 1995 Shouldered Type	

NLA - NO LONGER AVAILABLE | NI - NOT ILLUSTRATED |OD - OUTSIDE DIAMETER | ID - INSIDE DIAMETER | OEM - ORIGINAL EQUIPMENT MANUFACTURER

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR 1 (UNDERSLUNG SHOWN)



UNDERSLUNG MODEL

OVERSLUNG MODEL

Notes

1. T03-4002 – 58 mm long x 24 mm I.D. x 42.5 mm O.D.
2. 91-2756 replaced 90-2260

For further information contact your nearest authorised PACCAR Parts dealer.

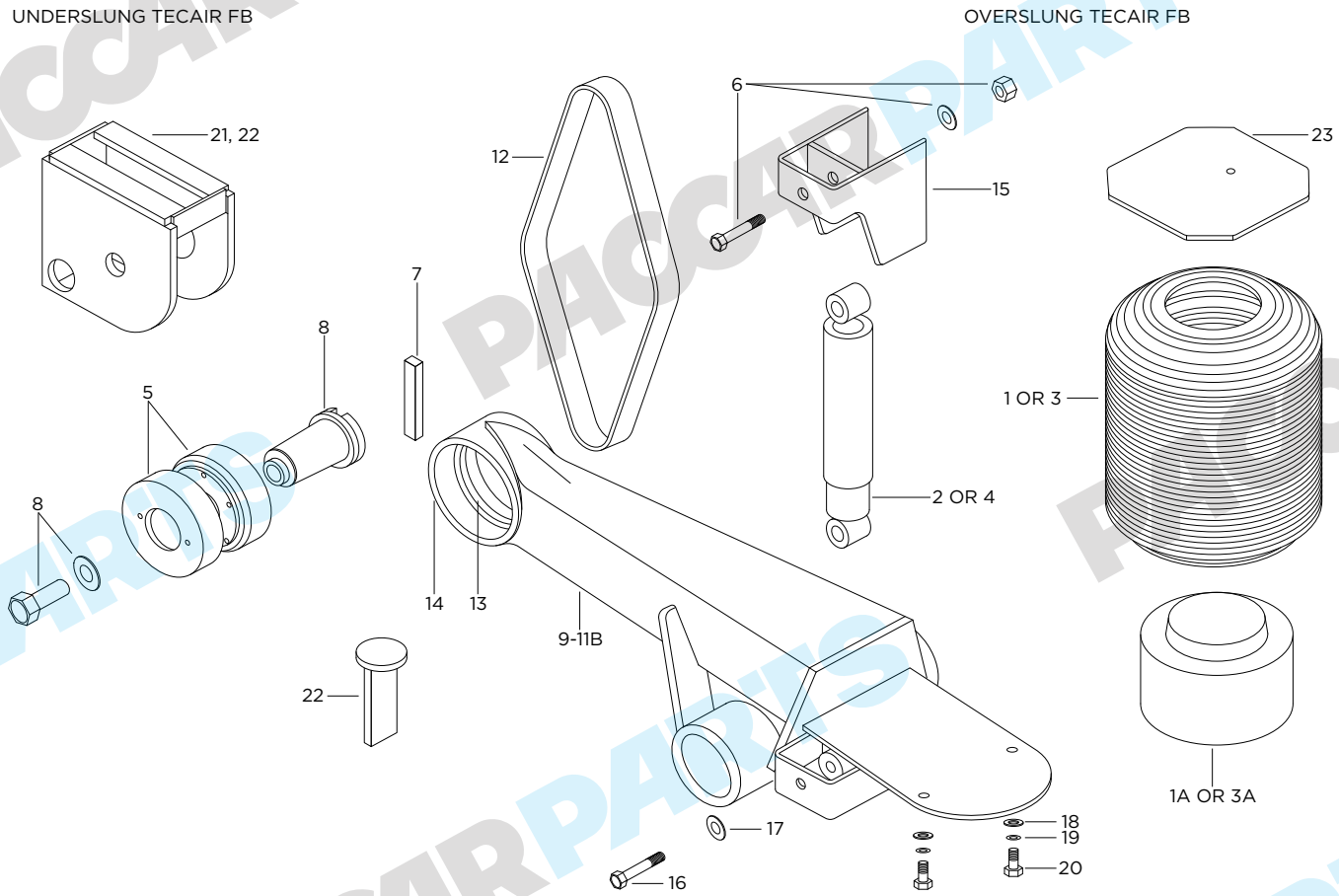
YORK

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR 2 UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
22A	61506225/02	Shock Absorber Boss	Post 1995 Straight Type	
24	61787805	Hanger	235 mm, 420 mm Ride Height	
24	T03-3363	Hanger	285 mm, 470 mm Ride Height	
24	T03-3364	Hanger	335 mm, 520 mm Ride Height	
24	61787805/3	Hanger	360 mm, 545 mm Ride Height	
24	61787805/5	Hanger	260 mm, 445 mm Ride Height	
24	61787805/6	Hanger	310 mm, 495 mm Ride Height	
NI	Various	Height Control Valve	Contact PACCAR Parts	See Section 26 For Suspension Height Control Systems and Component Information & Images

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR FB OVERSLUNG AND UNDERSLUNG



OVERSLUNG MODEL SHOWN

Notes

1. Suspension shown was originally marketed as Evotrac.
2. May be Boge or Powerdown brand shock absorbers.
3. T03-4015 is a tapered poly bush to suit Powerdown shock absorbers.
   4 required per shock absorber.
   Boge shock absorber bush T03-4023B is a straight bush. Requires sleeve T03-4023.
4. Shock Absorber P1075 can be used, York are now using this as their OEM shock absorber.

For further information contact your nearest authorised PACCAR Parts dealer.

YORK

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

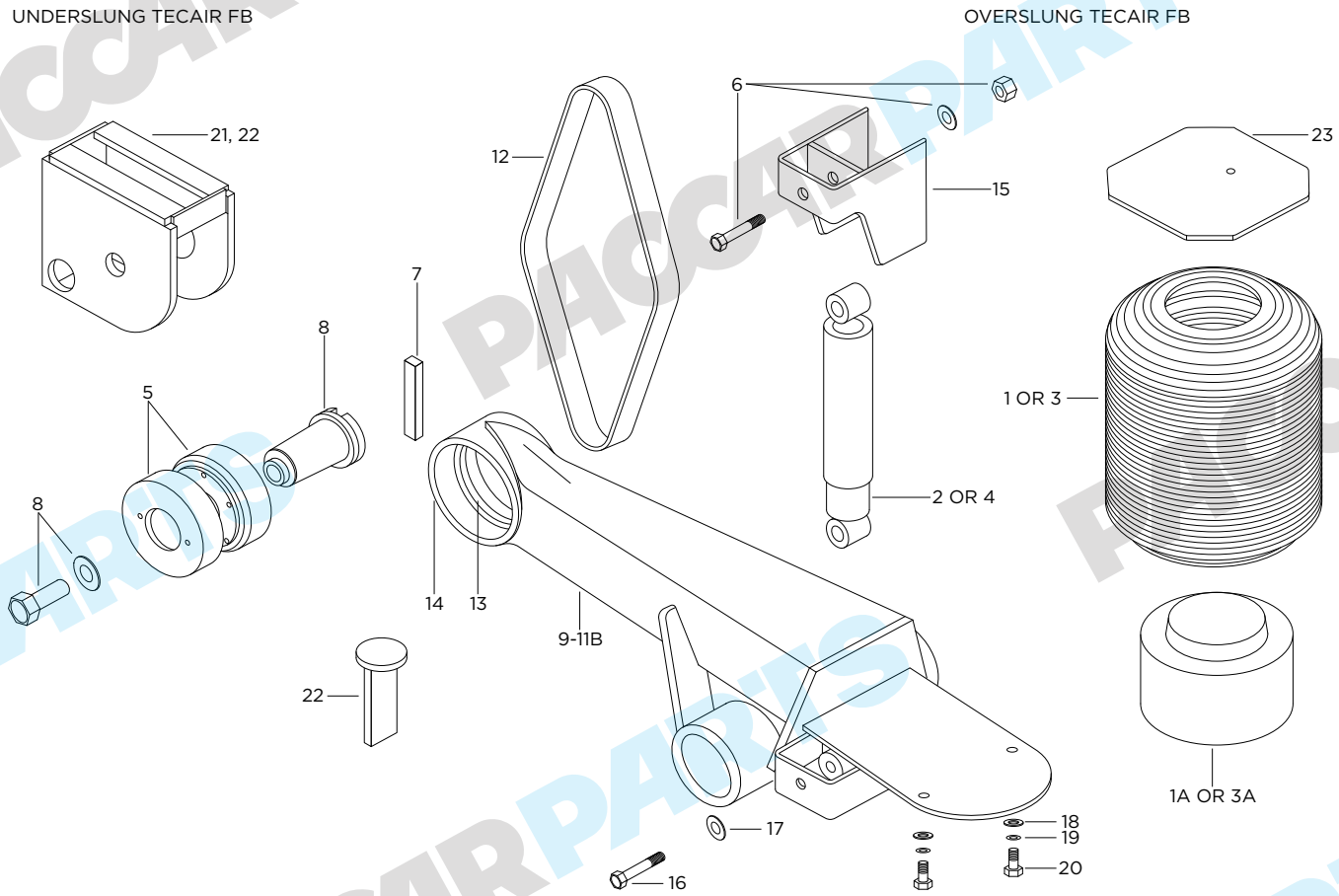
TECAIR FB OVERSLUNG AND UNDERSLUNG SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	T03-AS2501-B	Air Spring	720N 185 mm High	See Section 19 For Air Bags
1A	NLA	Air Spring Piston	T03-AS2501-P NLA Suits T03-AS2501-B Air Spring 720N 185 mm High	
2	T03-610052	Shock Absorber	OEM See Note 2	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
	88-1564	Shock Absorber	KONI	
	P42052	Shock Absorber	Powerdown	
NI	T03-4015	Shock Absorber Bush	OEM Suits T03-610052 Shock Absorber See Note 3	
3	T03-AS2502-B	Air Spring	644N 135 mm High	See Section 19 For Air Bags
3A	NLA	Air Spring Piston	T03-AS2503-P NLA Suits T03-AS2502-B Air Spring 644N 135 mm High	
NI	61610122	Air Spring	One Piece	
4	P1075	Shock Absorber	Powerdown See Note 4	
	NLA	Shock Absorber Bush	T03-4016 NLA Suits T03-610053 Shock Absorber	
5	61SB610366	Pivot Bush		
NI	61SB610365/01	Pivot Bush Kit	Includes Pivot Bush 61SB610366 Pivot Pin Lock Bar T03-1249 Pivot Pin Kit T03-1248 (Pivot Pin, Locking Bolt, Washer) Parts for 1 Side	See Sections 19 & 19.1 For Air Suspension Bush Information & Images
NI	61SB610365/02	Pivot Bush Kit	Includes Pivot Bush 61SB610366 Pivot Pin Lock Bar T03-1249 Pivot Pin Kit T03-1248 (Pivot Pin, Locking Bolt, Washer) Parts for 1 Axle (2 Sides)	
6	61SB786157	Top Shock Absorber Bolt Assembly	⅝" UNC X 3½" Long	
7	T03-1249	Pivot Pin Lock Bar		
8	T03-1248	Pivot Pin Kit	Includes Pivot Pin Locking Bolt And Pivot Pin Washer Included In Pivot Bush Kit 61SB610365/01	
9	T03-7355L	Beam	Left Hand 150 mm / 190 mm Ride Height	
9A	T03-7355R	Beam	Right Hand 150 mm / 190 mm Ride Height	
10	NLA	Beam	Left Hand 300 mm Ride Height	
10A	NLA	Beam	T03-7356L NLA Right Hand 300 mm Ride Height	
11	T03-7357L	Beam	T03-7356R NLA Left Hand 370 mm / 400 mm Ride Height	
11B	T03-7357R	Beam	Right Hand 370 mm / 400 mm Ride Height	
12	T03-RSFB01	Restraint Strap	Blue 150 mm / 300 mm / 370 mm Ride Height	

NLA - NO LONGER AVAILABLE | NI - NOT ILLUSTRATED | OEM - ORIGINAL EQUIPMENT MANUFACTURER

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR FB OVERSLUNG AND UNDERSLUNG



OVERSLUNG MODEL SHOWN

Notes

1. Suspension shown was originally marketed as Evotrac.
2. May be Boge or Powerdown brand shock absorbers.
3. T03-4015 is a tapered poly bush to suit Powerdown shock absorbers.
   4 required per shock absorber.
   Boge shock absorber bush T03-4023B is a straight bush. Requires sleeve T03-4023.
4. Shock Absorber P1075 can be used, York are now using this as their OEM shock absorber.

For further information contact your nearest authorised PACCAR Parts dealer.

YORK

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

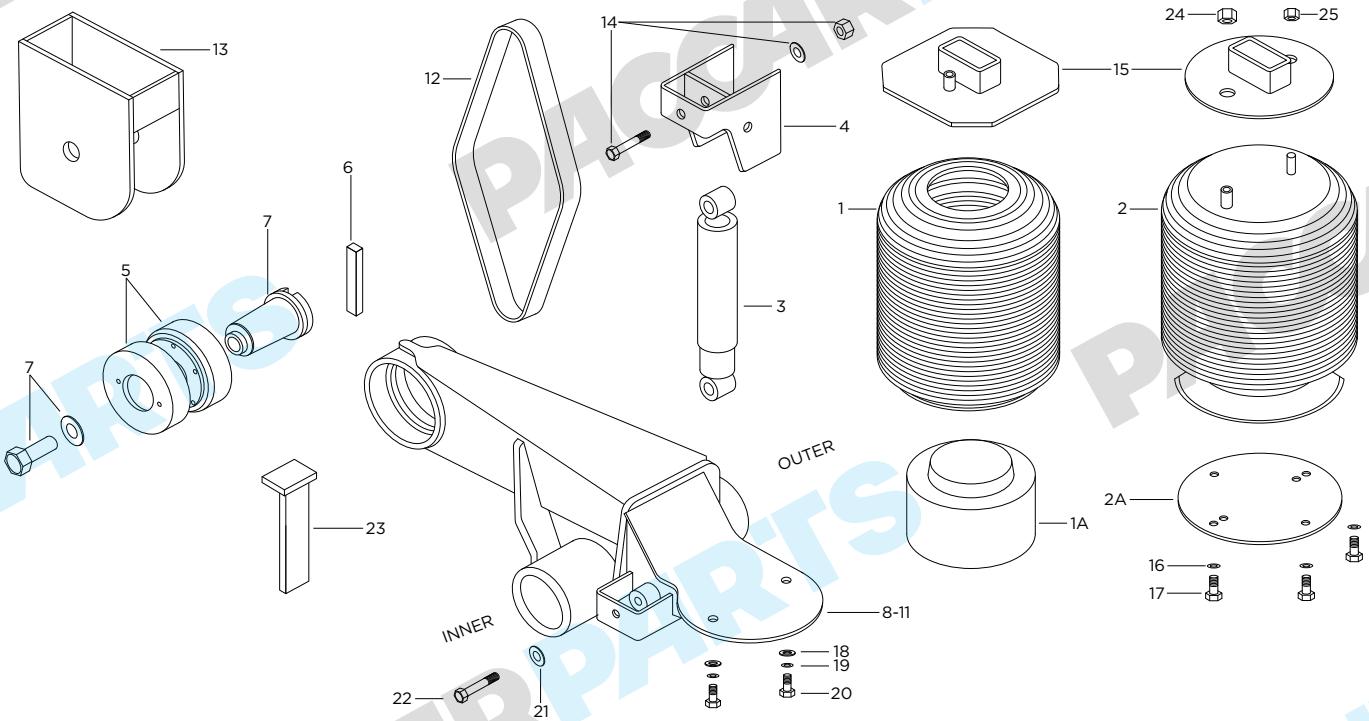
TECAIR FB OVERSLUNG AND UNDERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
12A	T03-RSFB02	Restraint Strap	Green 190 mm / 400 mm Ride Height	
12B	T03-RSFB03	Restraint Strap	Black 420 mm Ride Height	
12C	T03-RSFB04	Restraint Strap	Red 190 mm / 400 mm / 420 mm Ride Height	
13	NLA	Ring	T03-7353R NLA See Tube T03-7353T	
14	T03-7353T	Tube	Includes Ring T03-7353R	
15	61610054	Shock Absorber Bracket		
16	49HB5/8UNC3.25	Bolt	⅝" UNC X 3¼" Long Hex Head	
17	49FWH5/8	Flat Washer	⅝" Heavy Duty	
18	49FWM12	Flat Washer	M12	
19	49SWM12	Spring Washer	M12	
20	49HBM12175030	Bolt	M12 X 1.75 X 30 mm Long Hex Head	
21	T03-3365L	Hanger	Front Left Hand	
21A	T03-3365R	Hanger	Front Right Hand	
22	61610067	Chassis Stop		
23	T03-61610205	Top Mount		
NI	Various	Height Control Valve	Contact PACCAR Parts	See Section 26 For Suspension Height Control Systems and Component Information & Images

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR FB - VRH UNDERSLUNG AND OVERSLUNG

UNDERSLUNG TECAIR FB - VRH
190, 235, 280mm RIDE HEIGHT

OVERSLUNG TECAIR FB - VRH
360, 405, 450mm RIDE HEIGHT



Notes

1. Conversion to Sealed Bag – 61610158/01 for Ride Heights 190 mm / 400 mm
2. Conversion to Sealed Bag – 61610158/02 for Ride Heights 150 mm / 300 mm / 370 mm

For further information contact your nearest authorised PACCAR Parts dealer.

YORK

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR FB - VRH UNDERSLUNG AND OVERSLUNG SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	T03-AS2501-B	Air Spring	720N 185 mm High Non Sealed Bag Type See Note 1 and 2	See Section 19 For Air Bags
1A	NLA	Air Spring Piston	T03-AS2501-P NLA Suits T03-AS2501-B Air Spring 720N 185 mm High Non Sealed Type	
2	T03-AS610121	Air Spring	Sealed Bag Type See Options Below	
	AS3046A	Air Spring	Sealed Bag Type Aluminium Piston Suits T03-AS610121 Air Spring	
	AS3046A	Air Spring	Sealed Bag Type Plastic Piston	
2A	61610128	Bottom Plate	Suits Sealed Bag	
3	T03-610052	Shock Absorber	OEM Boge	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
	88-1564	Shock Absorber	KONI	
	SA007TRP	Shock Absorber	Powerdown	
NI	T03-4023B	Shock Absorber Bush	Suits OEM Boge Shock Absorber	
NI	T03-4023	Shock Absorber Bush Sleeve		
4	61610054	Upper Shock Absorber Bracket		
5	61SB610366	Pivot Bush		See Sections 19 & 19.1 For Air Suspension Bush Information & Images
NI	61SB610365/01	Pivot Bush Kit	Includes Pivot Bush 61SB610366 Pivot Pin Lock Bar T03-1249 Pivot Pin Kit T03-1248 (Pivot Pin, Locking Bolt, Washer) Parts for 1 Side	
NI	61SB610365/02	Pivot Bush Kit	Includes Pivot Bush 61SB610366 Pivot Pin Lock Bar T03-1249 Pivot Pin Kit T03-1248 (Pivot Pin, Locking Bolt, Washer) Parts for 1 Axle (2 Sides)	
6	T03-1249	Pivot Pin Lock Bar	Included In Pivot Bush Kit 61SB610365/01	
7	T03-1248	Pivot Pin Kit	Includes Pivot Pin Locking Bolt And Pivot Pin Washer Included In Pivot Bush Kit 61SB610365/01	
8	NLA	Beam	T03-7358L NLA Left Hand Overslung Suits Non Sealed Bag	
8A	NLA	Beam	T03-7358R NLA Right Hand Overslung Suits Non Sealed Bag	
9	T03-7359L	Beam	Left Hand Overslung Suits Sealed Bag	
9A	T03-7359R	Beam	Right Hand Overslung Suits Sealed Bag	
10	NLA	Beam	T03-7360L NLA Left Hand Underslung Suits Non Sealed Bag	
10A	NLA	Beam	T03-7360R NLA Right Hand Underslung Suits Non Sealed Bag	

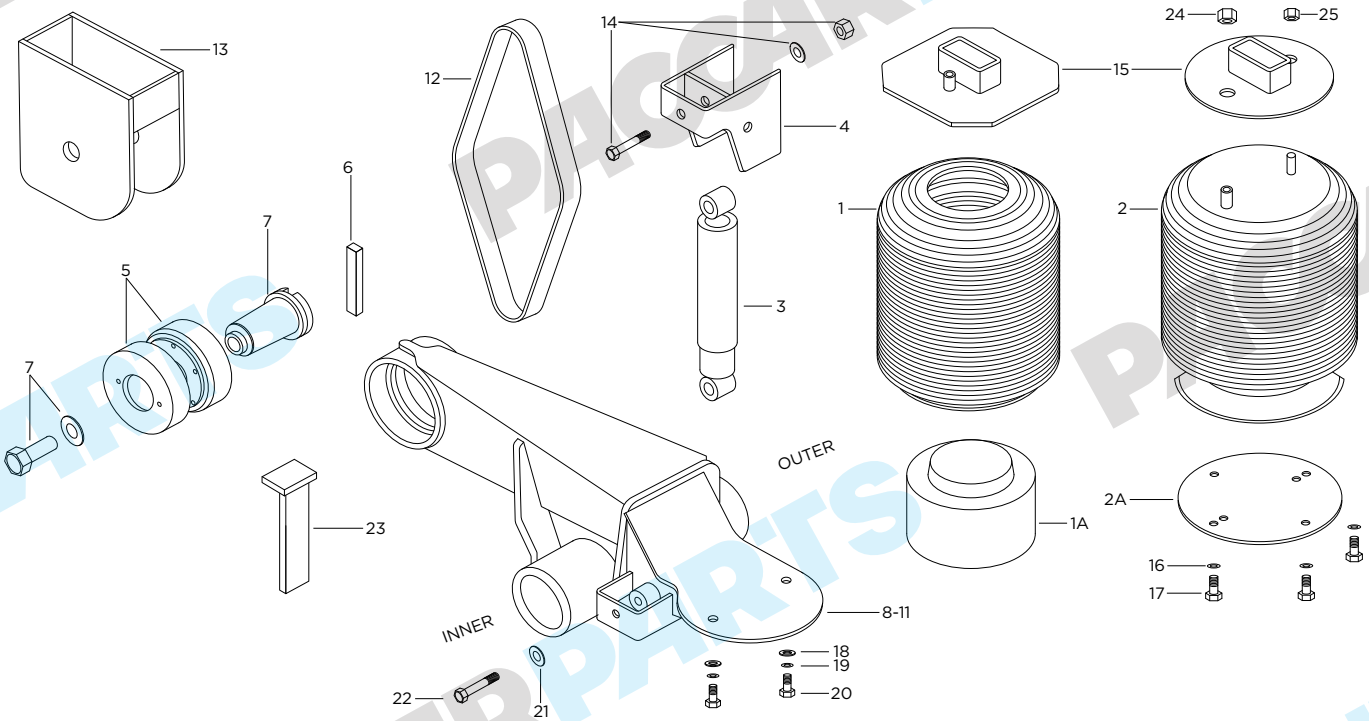
NLA - NO LONGER AVAILABLE | NI - NOT ILLUSTRATED | OEM - ORIGINAL EQUIPMENT MANUFACTURER

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR FB - VRH UNDERSLUNG AND OVERSLUNG

UNDERSLUNG TECAIR FB - VRH
190, 235, 280mm RIDE HEIGHT

OVERSLUNG TECAIR FB - VRH
360, 405, 450mm RIDE HEIGHT



Notes

1. Conversion to Sealed Bag – 61610158/01 for Ride Heights 190 mm / 400 mm
2. Conversion to Sealed Bag – 61610158/02 for Ride Heights 150 mm / 300 mm / 370 mm

For further information contact your nearest authorised PACCAR Parts dealer.

YORK

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR FB - VRH UNDERSLUNG AND OVERSLUNG SUSPENSION

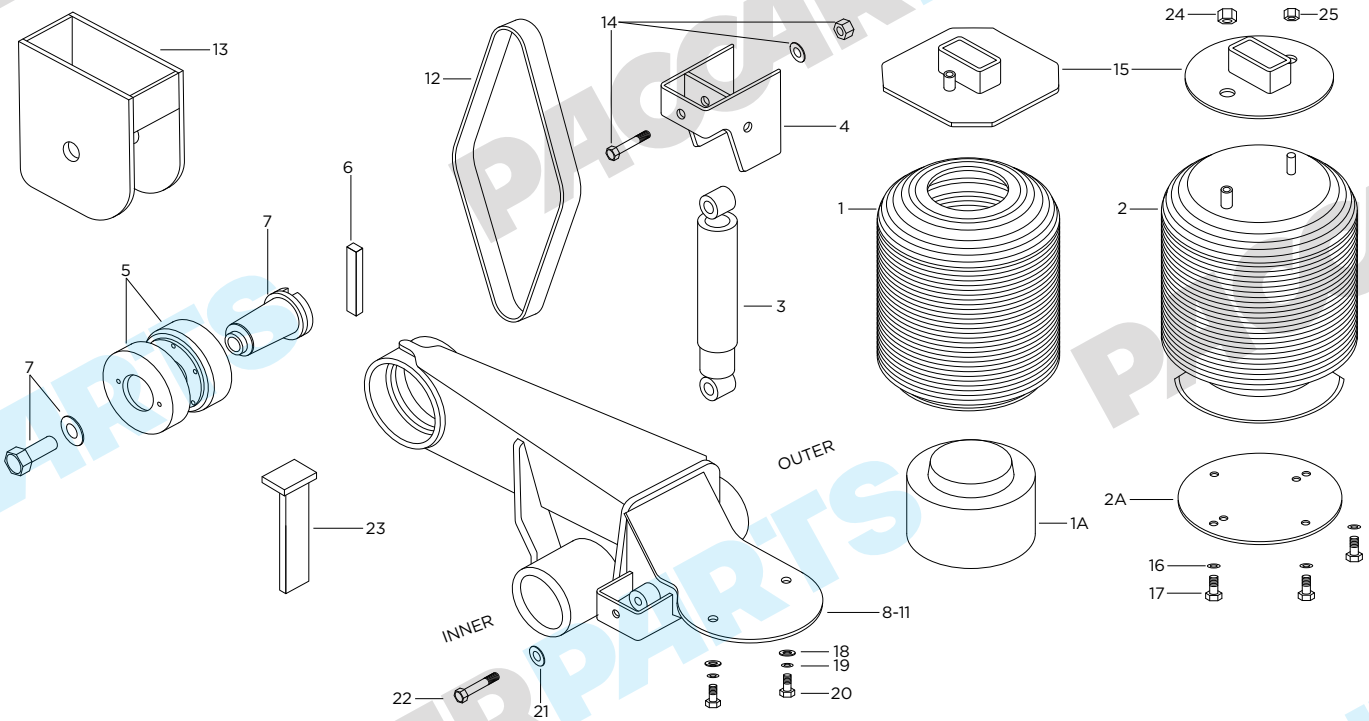
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
11	T03-7361L	Beam	Left Hand Underslung Suits Sealed Bag
11A	T03-7361R	Beam	Right Hand Underslung Suits Sealed Bag
12	T03-RSFB01	Restraint Strap	Blue 150 mm / 300 mm / 370 mm Ride Height
	T03-RSFB02	Restraint Strap	Green 190 mm / 400 mm Ride Height
	T03-RSFB03	Restraint Strap	Black 420 mm Ride Height
	T03-RSFB04	Restraint Strap	Red 190 mm / 400 mm / 420 mm Ride Height
	61610065/06	Restraint Strap	Yellow
13	T03-3366L	Hanger	Left Hand 190 mm / 360 mm Ride Height
	T03-3366R	Hanger	Right Hand 190 mm / 360 mm Ride Height
	T03-3367L	Hanger	Left Hand 235 mm / 405 mm Ride Height
	T03-3367R	Hanger	Right Hand 235 mm / 405 mm Ride Height
	T03-3368L	Hanger	Left Hand 280 mm / 450 mm Ride Height
	T03-3368R	Hanger	Right Hand 280 mm / 450 mm Ride Height
14	61SB786157	Bolt	Shock Absorber Top Bolt Assembly ⅝" UNC X 3½" Long Includes ⅝" UNC Nut and ⅝" Washer
15	T03-61610205	Top Mount	190 mm / 360 mm Ride Height Suits Non Sealed Bag
	61610196/01	Top Mount	235 mm / 405 mm Ride Height Suits Non Sealed Bag
	61610196/02	Top Mount	280 mm / 450 mm Ride Height Suits Non Sealed Bag
	61610156	Top Mount	190 mm / 360 mm Ride Height Suits Sealed Bag
	61610197/01	Top Mount	235 mm / 405 mm Ride Height Suits Sealed Bag
	61610197/02	Top Mount	280 mm / 450 mm Ride Height Suits Sealed Bag
17	49SW1/2	Spring Washer	½" Suit Sealed Bag
17	49HB1/2UNC1.50	Bolt	½" UNC X 1½" Long Hex Head Suits Sealed Bag
18	49FWM12	Flat Washer	M12 Suits Non Sealed Bag
19	49SWM12	Spring Washer	M12 Suits Non Sealed Bag
20	49HB5/8UNC3.25	Bolt	⅝" UNC X 3¼" Long Hex Head Suits Non Sealed Bag
21	49FWH5/8	Flat Washer	⅝" Heavy Duty
22	49HB5/8UNC3.25	Bolt	⅝" UNC X 3¼" Long Hex Head

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR FB - VRH UNDERSLUNG AND OVERSLUNG

UNDERSLUNG TECAIR FB - VRH
190, 235, 280mm RIDE HEIGHT

OVERSLUNG TECAIR FB - VRH
360, 405, 450mm RIDE HEIGHT



Notes

1. Conversion to Sealed Bag – 61610158/01 for Ride Heights 190 mm / 400 mm
2. Conversion to Sealed Bag – 61610158/02 for Ride Heights 150 mm / 300 mm / 370 mm

For further information contact your nearest authorised PACCAR Parts dealer.

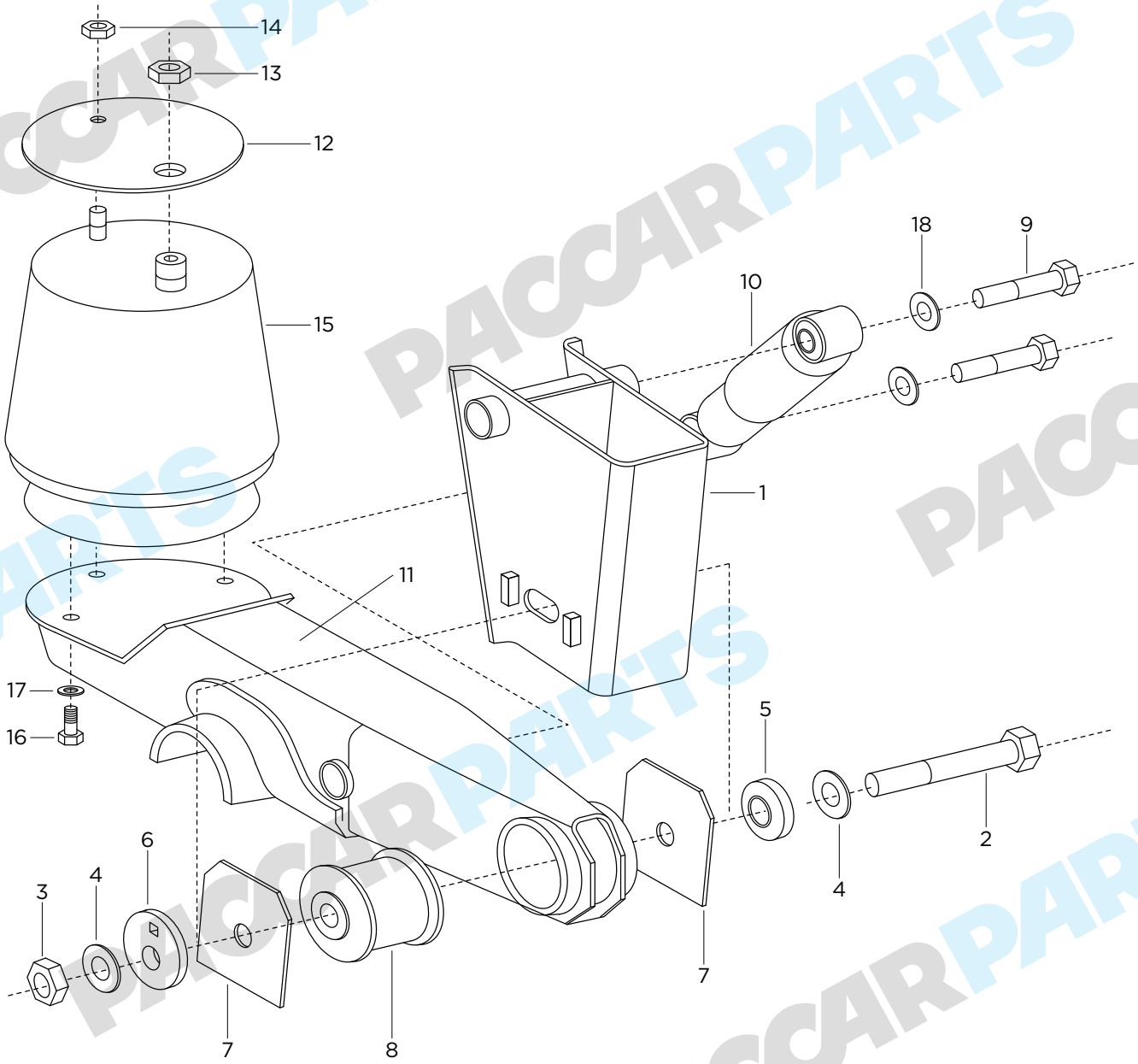
YORK

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR FB - VRH UNDERSLUNG AND OVERSLUNG SUSPENSION			
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS
23	61610067	Chassis Stop	Suits 190 mm / 235 mm / 280 mm / 360 mm Ride Height
	61610067/1	Chassis Stop	Suits 405 mm / 450 mm Ride Height
24	49LNT3/4UNF	Nut	¾" UNF Nyloc Suits Sealed Bag
25	49LNT1/2UNC	Nut	½" UNC Nyloc Suits Sealed Bag

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR DURATRAC OVERSLUNG



Notes

For further information contact your nearest authorised PACCAR Parts dealer.

YORK

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

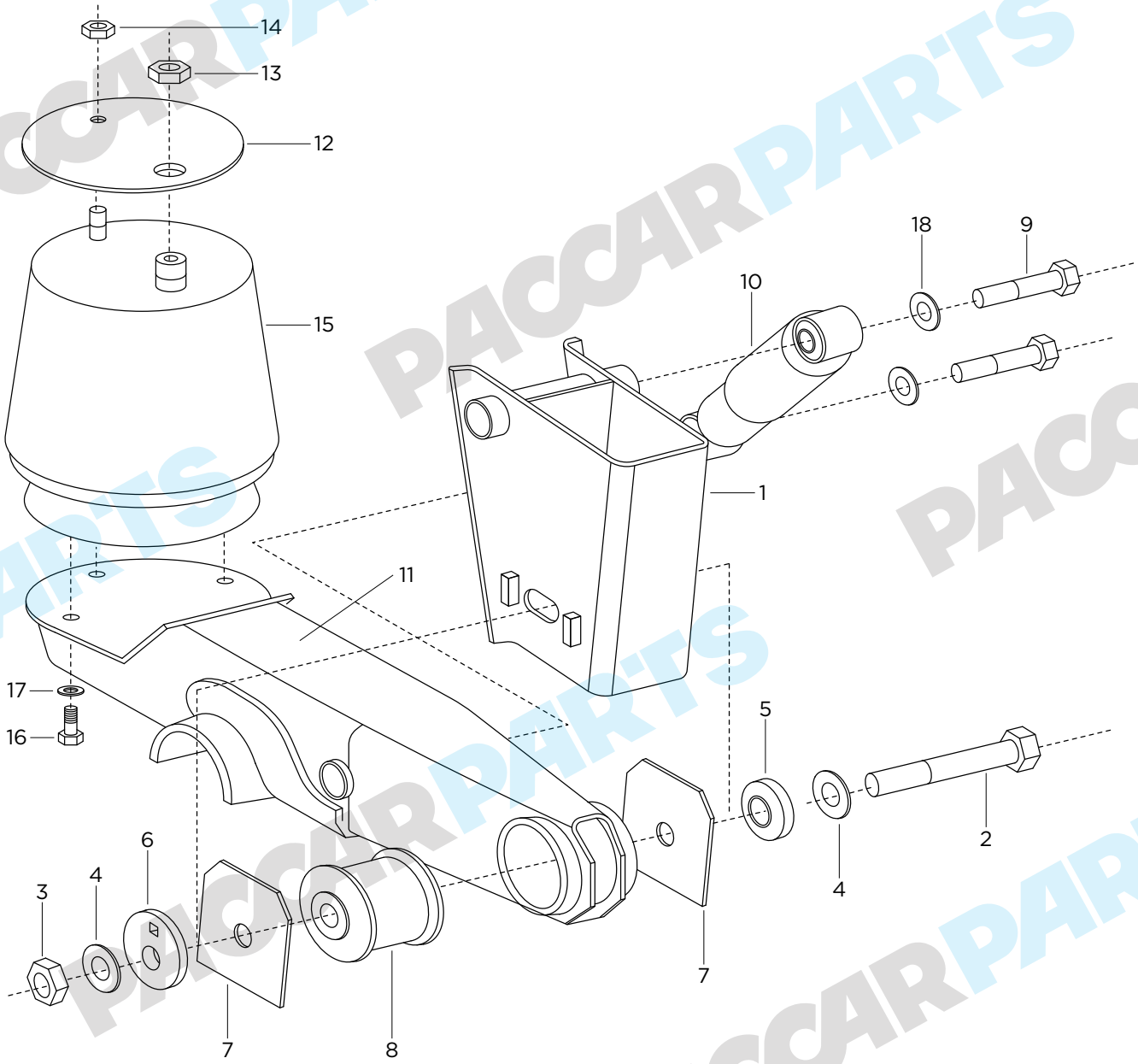
TECAIR DURATRAC OVERSLUNG SUSPENSION

ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
1	61610414/1/01	Hanger	Front Left Hand 260 mm / 380 mm Ride Height	
	61610414/1/02	Hanger	Front Right Hand 260 mm / 380 mm Ride Height	
	61610414/2/01	Hanger	Front Left Hand 300 mm / 420 mm Ride Height	
	61610414/2/02	Hanger	Front Right Hand 300 mm / 420 mm Ride Height	
	61610414/3/01	Hanger	Front Left Hand 340 mm / 460 mm Ride Height	
	61610414/3/02	Hanger	Front Right Hand 340 mm / 460 mm Ride Height	
	61610414/4/01	Hanger	Front Left Hand 240 mm / 360 mm Ride Height	
	61610414/4/02	Hanger	Front Right Hand 240 mm / 360 mm Ride Height	
2	61SB506247	Pivot Bolt	M30 X 190 mm Long Included In Pivot Bush Kit 61SB610477	
3	49LNM30	Cone Lock Nut	M30 Included In Pivot Bush Kit 61SB610477	
4	61506470/30	Flat Washer	M30	
5	61792123	Inner Washer	M30 Heavy Duty Included In Pivot Bush Kit 61SB610477	
6	61792120	Cam Ring		
7	61610478	Thrust Washer	Included In Pivot Bush Kit 61SB610477	
8	61610477	Pivot Bush	Included In Pivot Bush Kit 61SB610477	See Sections 19 & 19.1 For Air Suspension Bush Information & Images
9	NLA	Shock Absorber Stud	61610479 NLA M24 x 140 mm Long	
	49HBM24300100	Shock Absorber Stud	M24 x 140 mm Long	
10	61610442/B0GE	Shock Absorber	Boge	See Sections 20.1 & 20.2 For Shock Absorber Information & Images
	91-2756	Shock Absorber	KONI	
NI	61610464	Bush Assy Shock Absorber	Suits KONI Shock Absorber	
11	61610400/01	Beam Assembly	Underslung Left Hand	
	61610400/02	Beam Assembly	Underslung Right Hand	
	61610404/01	Beam Assembly	Overslung Left Hand	
	NLA	Beam Assembly	61610404/02 NLA Overslung Right Hand	

NLA - NO LONGER AVAILABLE | NI - NOT ILLUSTRATED

AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR DURATRAC OVERSLUNG



Notes

For further information contact your nearest authorised PACCAR Parts dealer.

YORK

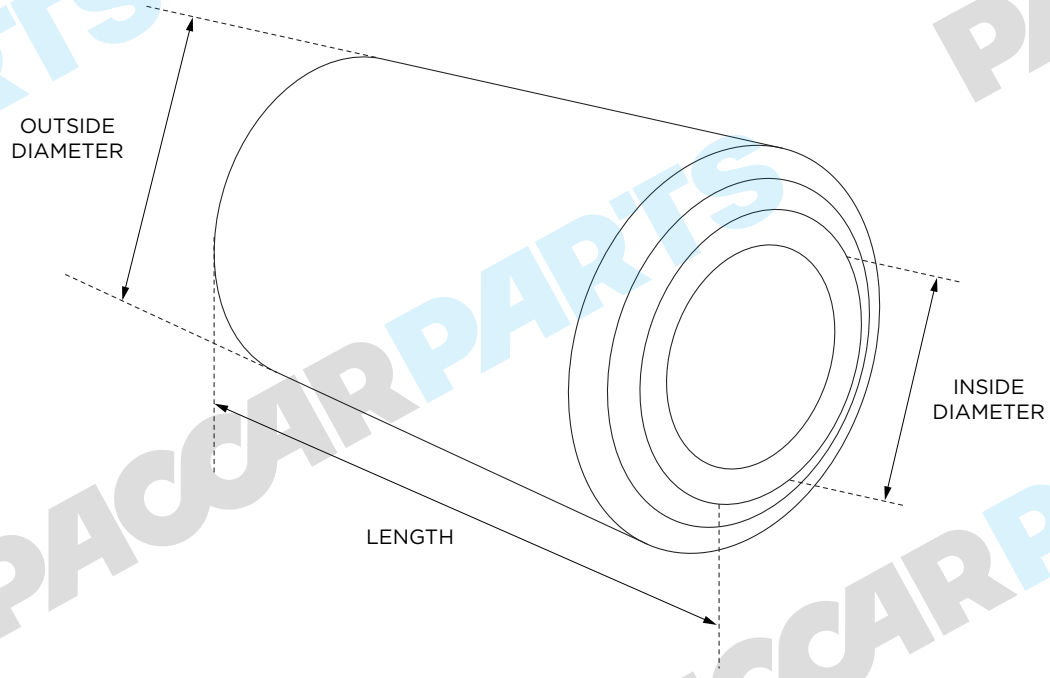
AIR BAG SUSPENSIONS
YORK SUSPENSIONS

TECAIR DURATRAC OVERSLUNG SUSPENSION				
ITEM NO.	PART NO.	DESCRIPTION	COMMENTS	
12	61610156	Air Bag Top Plate	260 mm / 360 mm / 380 mm Ride Height	
	61610197/07	Air Bag Top Plate	340 mm / 460 mm Ride Height	
	61610197/06	Air Bag Top Plate	300 mm / 420 mm Ride Height	
13	49LNT3/4UNF	Nut	NYLOC ¾" UNF	
14	49LNT1/2UNC	Nut	NYLOC ½" UNC	
15	T03-AS3187-A	Air Bag	Sealed	See Section 19 For Air Bags
16	49HB1/2UNC1.50	Bolt	Hex Head ½" UNC x 1½" Long	
17	49SW1/2	Spring Washer	½" UNC	
18	61506250	Washer	M24 Heavy Duty Shock Absorber Bolt Only	
NI	49LNM24	Nut	NYLOC M24 Shock Absorber Stud Only	
19	61SB610477	Pivot Bush Repair Kit	Includes 1 X Pivot Bush 61610477 2 X Thrust Washers 61610478 2 X Heavy Duty Washers 61792123 1 X Pivot Bolt 61SB506247 1 X Cone Lock Nut 49LNM30	

NOTES

AIR BAG SUSPENSION BUSHES
DIMENSIONAL COMPARISON

PART NO.	SUSPENSION	OUTSIDE DIAMETER	INSIDE DIAMETER	LENGTH
0203169000	BPW and RFS Heavy Duty Steel Inner Sleeve & Steel Outer Case Rubber Bush See Note 1	57.12 mm	30.10 mm	102.05 mm
0203160600	BPW Steel Inner Sleeve Rubber Bush	59.94 mm	30.15 mm	101.91 mm
WC234264	HOLLAND Steel Inner Sleeve Rubber Bush See Note 2			
21222609	MERITOR Steel Inner Sleeve & Steel Outer Case Rubber Bush			
T03-1111 41773010005	SAF Steel Inner Sleeve & Steel Outer Case Rubber Bush	68.20 mm	30.15 mm	104.11 mm
T03-1097	YORK Steel Inner Sleeve & Steel Outer Case Rubber Bush			

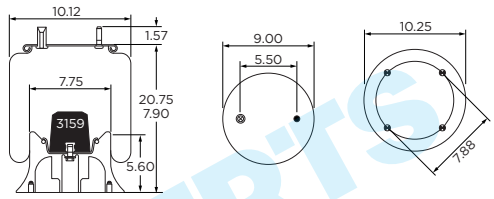
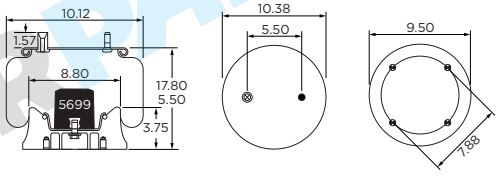
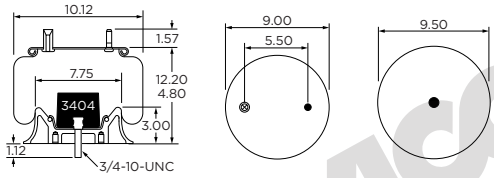
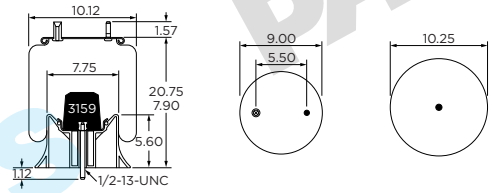
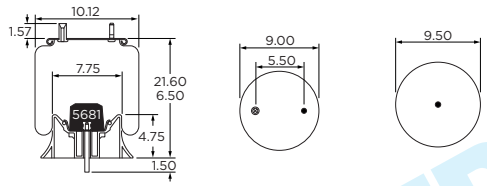
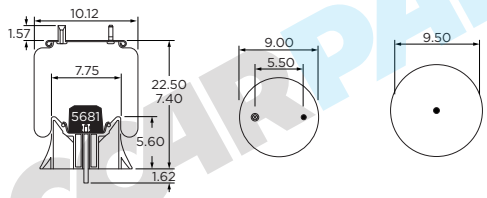
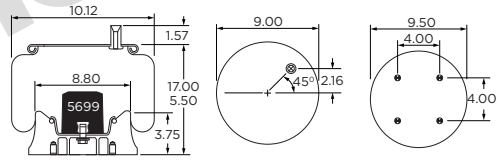


Notes

1. BPW and RFS heavy duty bushes are the same dimensions and construction.
2. Holland and Meritor bushes are the same dimensions as the BPW bushes, but without the steel outer case. The BPW bushes can be used as a heavy duty alternative.
3. York and SAF bushes are the same dimensions and construction.

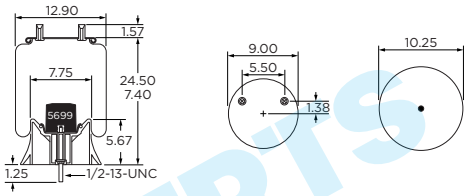
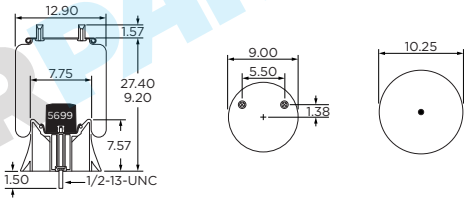
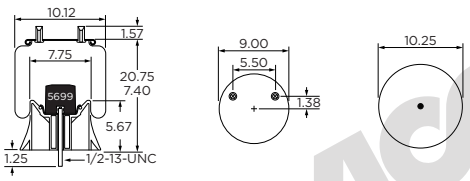
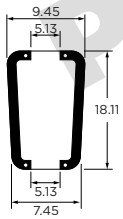
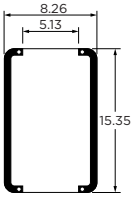
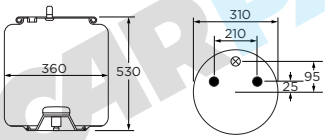
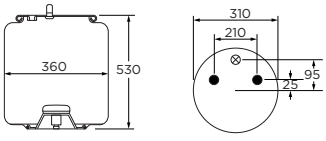
For further information contact your nearest authorised PACCAR Parts dealer.

AIR BAG INFORMATION
AIR BAG DIMENSIONS

AIR BAG DIMENSIONS			
PACCAR PART'S PART NUMBER	**OEM'S PART NUMBER**	**SUSPENSION TYPE/MODEL**	**AIR BAG DIMENSIONS**
1R12-352	1003589010C	Ridewell Monopivot 240 Underslung	
1R13-097	1001R13097G	Ridewell Monopivot 240 Overslung	
90557023	90557023 (W01-358-8749)	Neway AR45	
90557113	90557113	Neway AR75-6-9	
90557117	90557117	Neway AR92-12-14, ARU92-8 Neway RLU228-8, RLU250-9	
90557118	90557118	Neway AR92-15, AR93-16, ARU93-8	
S-21208	S-21208	Hendrickson HT230 Dual Stud To Secure Top Plate	

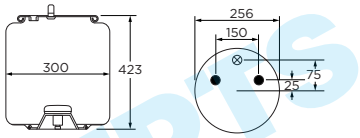
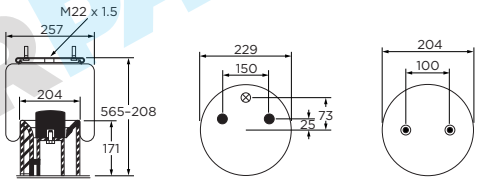
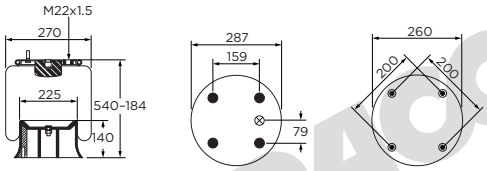
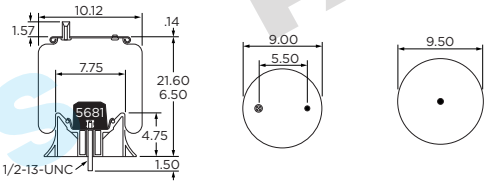
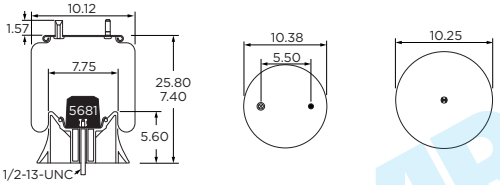
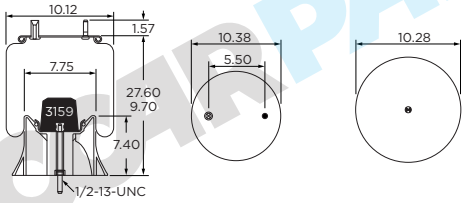
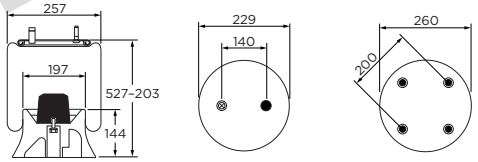
AIR BAG INFORMATION
AIR BAG DIMENSIONS

AIR BAG DIMENSIONS

PACCAR PART'S PART NUMBER	OEM'S PART NUMBER	SUSPENSION TYPE/MODEL	AIR BAG DIMENSIONS
S-23611	S-23611	Hendrickson Low Mount Intraax	
S-23612	S-23612	Hendrickson Low Mount Intraax	
S-23721	S-23721	Hendrickson Low Mount Intraax	
T03-AS2501-B	2001	Evotrac 720N (X400 & U190)	
	61.610049	York FB 720N (190/400mm Ride Height)	
T03-AS2502-B	2002	Evotrac 644N (X360 & X300)	
	61.61005	York FB 644N (150/300/370mm Ride Height)	
0542942580 (Bellows Only) T03-0542943420 (Assembly with Piston)	0542942260 (New)	BPW Type D36	
	0542940010 (Old)		
0542942570 (Bellows Only) T03-0542943360 (Assembly with Piston)	0542942250 (New)	BPW Type D30	
	0542940030 (Old)		

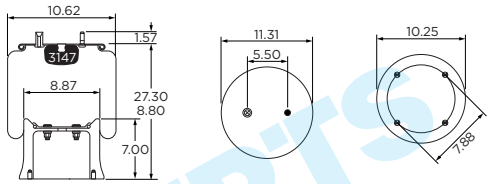
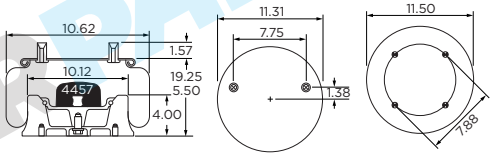
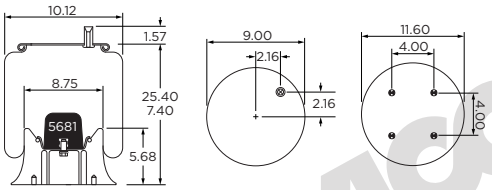
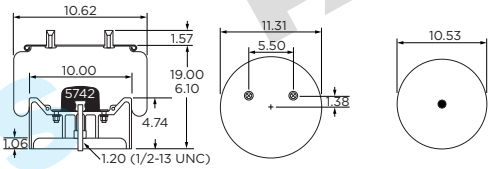
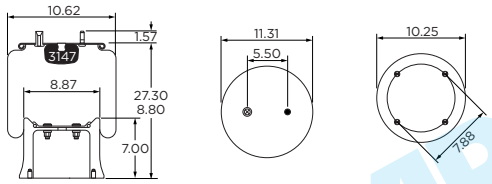
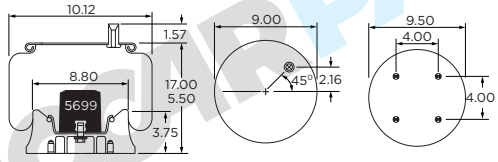
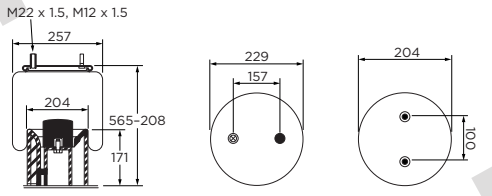
AIR BAG INFORMATION
AIR BAG DIMENSIONS

AIR BAG DIMENSIONS

PACCAR PART'S PART NUMBER	OEM'S PART NUMBER	SUSPENSION TYPE/MODEL	AIR BAG DIMENSIONS
0542942560 (Bellows Only) T03-0542943350 (Assembly with Piston)	0542942200 (New) 0542940910 (Old)	BPW Type D30K	
TRP21221307	2501202	Weweler / Holland 9 Ton E & U Series	
	295034	Krueger (RFS Suspension)	
	21221307	ROR/Weweler Flexair WFL510/520	
T03-AS3180-A	2501201	Weweler / Holland 11 Tonne H Series	
	61-506243/01	York Tecair 1 (200mm Mounting Height)	
	61-506243/01	York Tecair 2	
90557156	90557156	Neway RL228-15, RL250-15	
90557167	90557167	Neway RLU250-14-15	
90557168	90557168	Neway RLU250-12-16-17	
B-2066	B-2066	Hendrickson T9-106	

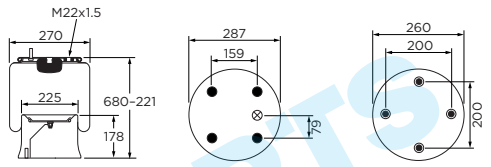
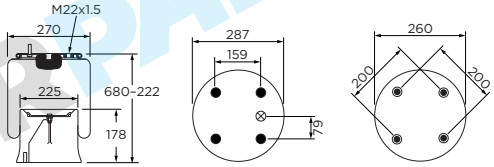
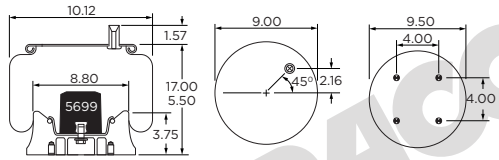
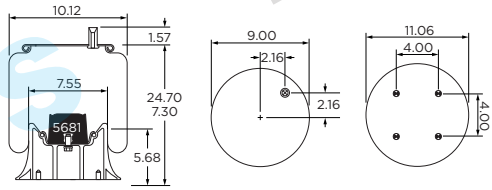
AIR BAG INFORMATION
AIR BAG DIMENSIONS

AIR BAG DIMENSIONS

PACCAR PART'S PART NUMBER	OEM'S PART NUMBER	SUSPENSION TYPE/MODEL	AIR BAG DIMENSIONS
B-3830	B-3830	Hendrickson HT300U	
B-4771	B-4771	Hendrickson HT300 - T15/17	
C-20127	C-20127	Hendrickson HT250US Underslung	
C-21784	C-21784 Assembly C-20901 Bag Only B-21786 Top Ring Only	Hendrickson INTRAXX AA250	
T03-AS0006	12883-02	Reyco 30ARUU	
T03-AS0009	23433-01	Reyco 23ARTU	
T03-AS0028	21222442	Meritor Flexair 9 Ton Standard FL9000	

OEM - ORIGINAL EQUIPMENT MANUFACTURER

AIR BAG INFORMATION
AIR BAG DIMENSIONS

AIR BAG DIMENSIONS			
PACCAR PART'S PART NUMBER	**OEM'S PART NUMBER**	**SUSPENSION TYPE/MODEL**	**AIR BAG DIMENSIONS**
T03-AS0030	2122239	Meritor Flexair 11 Ton FL11000	
T03-AS3186-A	21222239	Meritor Flexair 11 Ton Standard FL11000	
	61-505859/01	York Tecair 1 (300 - 400mm Mounting Height)	
T03-C-20010	C-20010	Hendrickson HT230 Overslung Single Stud To Secure Top Plate Replaced By S-21208	
T03-C-20124	C-20124	Hendrickson HT250U Underslung	

NOTES

AIR BAG INFORMATION
AIR BAG CROSS REFERENCE

CROSS REFERENCE PART NUMBER	PACCAR PART NUMBER
29.4062	T03-AS3180-A
29.5034	TRP21221307
1359	B-2066
1528	B-2066
2001	T03-AS2501-B
2002	T03-AS2502-B
2727	B-2066
3049	T03-1T15M9-9130
4810	T03-AS3180-A
6297	TRP21221307
9276	S-21208
9441	61610122
39373	57122-002
39391	T03-AS3125-A
50405	49048-002
352107	S-21208
411627	T03-AS2521-B
520728	B-2066
626908	T03-AS3180-A
1080707	T03-AS3180-A
1622116	T03-AS3233-A
2501201	T03-AS3180-A
2501202	TRP21221307
20427803	AS2573
21215632	T03-AS3180-A
21215633	T03-AS3233-A
21221307	TRP21221307
21222239	T03-AS3233-A
21223269	T03-AS3125-A
61610049	T03-AS2501-B
61610050	T03-AS2502-B
61610121	T03-AS610121
61610121	AS3046A
90557027	B-2066
90557075	B-2066
90557215	1R12-484
311770000	T03-AS3233-A
311780000	T03-AS3180-A
0542940010	0542942580
0542940030	0542942570
0542940910	0542942560
0542942200	0542942560
0542942250	0542942570
0542942260	0542942580
0542943350	0542943650
0542943360	0542943660
0542943420	0542943690
0542943600	0542943690
2228000200	T03-AS3180-A
2229000200	T03-AS3180-A
2229000300	T03-AS3233-A
3228000300	T03-AS3233-A
3228002700	3228002700S
3228104100	3228104100S
3229002900	3228002900
6813200017	W01-377-9781
1E21	T03-AS2502-B
1010-16	N100521-001
12882-01	B-2066
12883-02	T03-AS0006
12884-01	T03-AS3061-A
16-16773-000	W01-377-9781
1670043C1	T03-AS3074-A
1686386C1	T03-AS3074-A
18813-01	T03-AS2235-A
1D28A2	T03-AS3180-A
1D28B-2	T03-AS3233-A
1DK20C-54	TRP21221307
1DK21	0542942570
1DK21A-8	TRP21221307
1DK21K	0542942560
1DK32	0542942580
1F21	T03-AS2501-B
1R10-704	T03-AS2564
1R11-028	K303-15
1R11-039	61610122
1R11-111	TRP21221307
1R11-700	0542942570
1R11-703	0542942560
1R12-092	B-2066
1R12-092	AS3046A
1R12-092	B-2066
1R12-095	90557023
1R12-103	T03-AS3054-A
1R12-186	W01-377-9781
1R12-188	T03-AS3061-A
1R12-189	W01-377-9781
1R12-207	B-2066
1R12-256	S-14249
1R12-281	1T15M9-9130
1R12-303	W01-377-9781
1R12-352	T03-AS3043-A
1R12-366	C-20217
1R12-375	T03-C-20124
1R12-401	T03-AS3074-A
1R12-403	57122-002
1R12-484	90557348
1R12-547	T03-AS610121
1R12-552	90557212
1R12-553	90557213
1R12-603	W01-377-9781
1R13-038	B-3830
1R13-077	S-21208
1R13-097	T03-AS3100-A
1R13-118	C-20127
1R13-119	S-21208
1R13-144	C-20127
1R13-155	T03-AS3126-A
1R13-155	N100521-001
1R14-019	T03-AS3233-A
1R14-039	98734-101
1R14-059	T03-AS3180-A
1R14-061	T03-AS3233-A
1R14-171	C-20901
1R14-171	C-21784
1R14-705	T03-AS3233-A
1R14-716	T03-AS3180-A
1R1A-390-295	T03-AS2502-B
1R1A-390-295	T03-AS2502-B
1R2A	T03-AS2501-B
1R2A-460-295	T03-AS2501-B
1S12-019	57122-002
1T15A-3	T03-AS3032-B

Notes

For further information contact your local PACCAR Parts dealership.

AIR BAG INFORMATION
AIR BAG CROSS REFERENCE

CROSS REFERENCE PART NUMBER	PACCAR PART NUMBER
1T15BM4	S-21208
1T15M-20706	T03-AS3032-B
1T15M6-9082	B-2066
1T15M6-9083	T03-AS3050-A
1T15M9-9101	T03-AS0006
1T15M9-9101	T03-AS0006
1T15M9-9101	B-3830
1T15M9-9130	B-3830
1T15MBT10	1T15M9-9130
1T15MBTW6	S-23611
1T15MM9	S-23721
1T15MP7	T03-C-20124
1T15MPW7	TRP21221307
1T15MPW7	TRP21221307
1T15MPW7	TRP21221307
1T15MT8	T03-AS3115-A
1T15VM35	57122-002
1T15VMR8	67043-002
1T15-ZR6	W01-377-9781
1T16-M6	B-2066
1T17B5-8740	T03-AS0009
1T17B5-8740	S-21208
1T17DJ7	21229214
1T-19F7	T03-AS3187-A
1T-19F7	T03-AS3187-A
1T19F7-7337	T03-AS3180-A
1T19-FC5	C-20901
1T19-FC6	C-20901
1T19L-11	T03-AS3233-A
1T19L-7	T03-AS3180-A
1T19-LC6	C-20901
20018-01	T03-AS2235-A
23433-01	T03-AS0009
2520-B	0542942580
2523-B	0542942560
2532-B	0542942570
2918V	3228002700S
2923V	T03-AS3233-A
2924V	3228104100S
2B12-440	T03-AS2235-A
36416K	T03-AS2564

CROSS REFERENCE PART NUMBER	PACCAR PART NUMBER
3810K	T03-AS3180-A
391320K	T03-AS3180-A
4156N	B-2066
4156NP04	B-2066
4810NP06	T03-AS3180-A
4813N	T03-AS3233-A
4813NP06	T03-AS3233-A
48195-001	T03-AS3061-A
50405-002	49048-002
50405-002L	49048-002
50405-2	49048-002
50898-001	50898-002
556-03-8014	T03-AS2501-B
556-03-8017	T03-AS2502-B
566-22-3-058	TRP21221307
566-22-3-500	0542942570
566-22-3-501	0542942560
566-22-3-521	TRP21221307
566-24-3-036	S-21208
566-24-3-097	T03-AS610121
566-24-3-275	W01-377-9781
566-26-3-015	B-3830
566-26-3-036	S-21208
566-26-3-037	S-21208
566-26-3-053	S-21208
566-28-3-015	98734-101
566-28-3-020	T03-AS3233-A
566-28-3-021	T03-AS3180-A
566-28-3-023	98734-101
56917-001	58849-002
56917-002	58849-002
57122-001	57122-002
61-505859/01	T03-AS3233-A
61-506243/01	T03-AS3180-A
644N	T03-AS2502-B
6605N	AS2573
6608N	T03-AS2564
6608N901	T03-AS2564
720N	T03-AS2501-B
727N	T03-AS2515-B
810MB	T03-AS3180-A

CROSS REFERENCE PART NUMBER	PACCAR PART NUMBER
811MB	T03-AS3233-A
813MB	T03-AS3233-A
881MB	0542942580
896N	T03-AS2521-B
928N	T03-AS2528-B
930N	T03-AS2530-B
940MB	0542942560
941MB	0542942570
AU566-26-3-039	C-20127
B121	T03-AS2502-B
B149	T03-AS2515-B
B152	T03-AS2501-B
B154	T03-AS2501-B
B-4771	98734-101
C-20010	S-21208
C-20124	T03-C-20124
CF1518779	1T15M9-9130
D11U30	0542942570
D11U31	0542942560
D13B01	T03-AS3180-A
D13B02	T03-AS3233-A
D13B19	T03-AS3233-A
D13B20	T03-AS3180-A
D13B29	0542942580
IT9051	98734-101
IT9055	B-2066
IT9056	T03-AS3180-A
IT9057	T03-AS3233-A
IT9058	T03-AS2502-B
IT9059	T03-AS2502-B
IT9060G	0542942570
IT9061G	0542942580
IT9062	T03-C-20010
IT9063	T03-AS2235-A
IT9070G	0542942560
IT9071	TRP21221307
IT9072	S-21208
K261-26	T03-AS3180-A
K506-22SU	B-2066
K506-22SU	B-2066
KR501-01	S-21208

Notes

For further information contact your local PACCAR Parts dealership.

AIR BAG INFORMATION
AIR BAG CROSS REFERENCE

CROSS REFERENCE PART NUMBER	PACCAR PART NUMBER
KR621-26	T03-AS3180-A
KR622-26	T03-AS3233-A
KR730-01	0542942570
KR836-01T	0542942580
MLF7026	T03-AS3233-A
MLF7045	0542942560
MLF7047	0542942570
MLF7066	0542942580
QTDAMLF7026	T03-AS3233-A
QTDAMLF7045	0542942560
QTDAMLF7047	0542942570
QTDAMLF7066	0542942580
S-20010	S-21208
S-20127	C-20127
S-25559	S-21208
SP0011	TRP21221307
SP0015	T03-AS3180-A
SP0016	T03-AS3233-A
SP0019	S-21208
SP0020	0542942570
SP0020AS	0542942570
SP0022	0542942580
SP0022AS	0542942580
SP0026	0542942560
SP0026AS	0542942560
SP0028	21222442
SP0030	21222239
SP0031	T03-AS2502-B

CROSS REFERENCE PART NUMBER	PACCAR PART NUMBER
SP0035	C-20901
SP0038	T03-C-20124
SP0039	T03-AS2235-A
SP0040	T03-AS2501-B
SP0045	90557117
SP0047	S-21208
SP0049	90557118
SP0057	S-21800
SP099	3228002700S
UR730-01	0542942570
UR7320-01T	0542942560
UR732-01	0542942560
UR836-01	0542942580
W01-358-6297	TRP21221307
W01-358-7224	T03-AS2205-A
W01-358-7550	T03-AS2235-A
W01-358-7555	T03-AS2235-A
W01-358-8637	T03-AS3126-A
W01-358-8637	N100521-001
W01-358-8752	T03-AS3100-A
W01-358-8752	T03-AS3100-A
W01-358-8793	90557270
W01-358-9057	T03-AS3044-B
W01-358-9057	T03-AS3044-B
W01-358-9082	T03-AS610121
W01-358-9082	B-2066
W01-358-9122	T03-AS3185-A
W01-358-9122	90557185

CROSS REFERENCE PART NUMBER	PACCAR PART NUMBER
W01-358-9141	T03-AS3187-A
W01-358-9141	61610443
W01-358-9152	T03-AS3233-A
W01-358-9265	T03-C-20124
W01-358-9270	S-21208
W01-358-9371	T03-AS3074-A
W01-358-9373	57122-002
W01-358-9373	57122-002
W01-358-9391	T03-AS3125-A
W01-358-9663	60271-002
W01-358-9781	W01-377-9781
W01-358-9865	67043-002
W01-455-9663	60271-002
W01-455-9865	67043-002
W01-675-8793	90557270
W01-M58-6297	TRP21221307
W01-M58-6339	T03-AS3233-A
W01-M58-6345	T03-AS3180-A
W01-M58-6364	T03-AS3233-A
W01-M58-7337	T03-AS3180-A
W01-M58-7345	T03-AS3233-A
W01-M58-8608	T03-AS3198-A
W01-M58-8608	21229214
W01-M58-8775	T03-AS3180-A
W01-M58-8840	T03-AS3115-A
W01-M58-8978	0542942580
Z41745	T03-1T15M9-9130

Notes

For further information contact your local PACCAR Parts dealership.

NOTES


1472301 AD
THIS SIDE IN

SUSPENSION COMPONENTS

SHOCK ABSORBERS	**329**
SHOCK ABSORBER QUICK REFERENCE	330
SHOCK ABSORBER BUSH AND SLEEVE QUICK REFERENCE	334
SPRINGS AND COMPONENTS	**339**
SPRINGS	339
SPRING LEAVES	341
CENTRE BOLTS	343
PACCAR U-BOLT PART NUMBERS	344
U-BOLTS	345
TORQUE RODS AND COMPONENTS	349
EQUALISERS BUSHES	352
EQUALISER AND TORQUE ROD BOLTS AND NUTS	354
SUSPENSION EQUALISERS	357

PART NUMBER CROSS REFERENCE	**358**
CROSS REFERENCE INDEX	358
BPW TRANSPEC	358
COLRAIN	359
FREIGHTER	362
IVECO	362
KRUEGER	363
REYCO	364
SAF HOLLAND AND YORK	364
SINCLAIR	366
SX TRAILERS	368
WABCO	368
WATTS	369

TO VIEW THE DIGITAL VERSION OF THE PACCAR PARTS TRAILER CATALOGUE SCAN HERE!

SHOCK ABSORBERS
SHOCK ABSORBER QUICK REFERENCE

MAKE	MODEL	COMMENTS	OEM PART NUMBER	PACCAR PARTS PART NUMBER	KONI PART NUMBER	POWERDOWN PART NUMBER
BPW	AL Air Light Series SL Series		0237221400	0237228302	91-2207	SA014TRP
			0237021800			
			0237221400			
	HD Series		0237021800	0237021802	90-2024SP1	SA013TRP
	ALII Airlight II Series	Front Mount	0237221400	0237228302	91-2207	SA014TRP
			0237025200			
			0237228300			
		Rear Mount	0237021800	0237021802	90-2024SP1	SA013TRP
Hendrickson	HT230		S-20889	S-20889	90-2396SP1	SA005TRP
	HT250U		S-24023	S-24023		SA005TRP
	HT250US	6½" Ride Height	S-23744	S-23744		P162
	HT250US	7½", 8½", 14" Ride Height	S-23743	S-23743		SA008TRP
	HT300		S-20889	S-20889	90-2396SP1	SA005TRP
	HT300U		S-21699	S-21699		SA005TRP
	Intraax AA250		S-21699	S-21699		SA005TRP
	Intraax AA250 Low Ride	165 mm to 230 mm Ride Height	S-24579	S-24579		P162
	Intraax AA250 Low Ride	305 mm Ride Height	S-24023	S-24023		SA005TRP
	T9-106	228 mm Ride Height	A-4084	A-4084		
	T15 / T17	380 mm, 430 mm Ride Height	S-20889	S-20886	90-2466SP1	P1095
Holland	All		2501192	T03-2501192	91-2227	SA010TRP
Maxitraax	Maxitraax		S-21699	S-21699		SA005TRP
FUWA K-Hitch	K Ride	Underslung	KHAS075	KHAS075	912400	
	K Ride	Overslung				
Meritor / ROR Flexair	FL11000 Series		21224745	21224745	912400	SA011TRP
	FL9000					
	FL9000L					
	FL9000H					
	FL9000HL					
	FL9000HLL		21224034			
	FL9000M					
Neway	AR45, AR92-12		90045337	90045337	90-2396SP1	P1082
	AR75-6-9		90044626			P1095
	AR75-12		90044625			P1006
	AR90		90044089			P1104
	AR92-14		90045040			
	AR92-15		90045054			
	AR93-16		90044794			
	ARU92-8		90044642	90045338		P1102
	ARU93-8					
	RL228-15		90045338	90045338		
	RL250-15		90045099	90045534		P1104
	RLU228-8		90045337	90045337		
	RLU250-9					

OEM - ORIGINAL EQUIPMENT MANUFACTURER

SHOCK ABSORBERS
SHOCK ABSORBER QUICK REFERENCE

MAKE	MODEL	COMMENTS	OEM PART NUMBER	PACCAR PARTS PART NUMBER	KONI PART NUMBER	POWERDOWN PART NUMBER
Reyco	25ARUU		23553-01	T03-4025		
	30ARUU		SA005TRP	T03-4024		SA005TRP
	23/25/30ARTU					
RFS	2000 Series	M20 Bolt	29-5035.A	91-2227	91-2227	SA010TRP
	2000 Series	M24 Bolt	29-5235	912400	912400	SA011TRP
Ridewell	Monopivot	Underslung & Overslung	1270563B003	T03-4001 (Gas)	90-2396SP1	SA005TRP
SAF	U20/2500		2376002700S	T03-4008		
	M42/2907		2376002600S	T03-4007	91-2207	SA014TRP
	E050/3510		2376003100S	T03-4009	91-2377	
	E050/3504					
	Modul Underslung	Standard	2376002600	2376002600		
		Road Friendly	2376502600	2376502600		
	Modul Overslung	Standard	2376002600S	T03-4007	91-2207	SA014TRP
		Road Friendly	2376502600S			SA014TRP
	Intradrun Intradisc	Contact PACCAR Parts. Standard And Road Friendly Options Available. Ride Height Information Is Required.				
SACHS	RFS 2000 Series	20 mm Bolt	401700123444		91-2227	
		24 mm Bolt	451700112787		91-2277	
TMC	LMC Series		626110			SA007TRP
			626412			P162M1
			626500			SA009TRP
	11T Series		626906			P185
Watson and Chalin	TA-250-T	Underslung 165 mm Ride Height	KH17300	KH17300		
	TA-300-T					
	TA-250-T	Underslung 190 mm, 230 mm, 305 mm Ride Height	WC17297	WC17297		
	TA-300-T					
	TA-250-U	Overslung 380 mm Ride Height	WC17297	WC17297		
	TA-300-U					
	TA-250-U	Overslung 430 mm Ride Height	KH10147	KH10147		
	TA-300-U					

SHOCK ABSORBERS
SHOCK ABSORBER QUICK REFERENCE

MAKE	MODEL	COMMENTS	OEM PART NUMBER	PACCAR PARTS PART NUMBER	KONI PART NUMBER	POWERDOWN PART NUMBER
Weweler	Ultra Light 230	Underslung 190 mm to 340 mm Ride Height	WD8A91-2643W	WD8A91-2643W		
	Ultra Light 375 / 400 / 425	Overslung 325 mm to 515 mm Ride Height				
	Euro 230	Underslung 230 mm to 330 mm Ride Height				
	Euro 375 / 400 / 425	Overslung 375 mm to 570 mm Ride Height				
	Heavy Duty 11 Tonne	Underslung 195 mm to 350 mm Ride Height				
		Overslung 390 mm to 570 mm Ride Height				
York	Tecair 1	Pin Mount	61506717/01	T03-4011		P52449
		Eye Mount	61506717/02	T03-4012	91-2542	P185
	Tecair2		T03-4013	T03-4013	91-2756	SA009TRP
	Tecair FB	190, 400 mm	61610052	T03-610052	88-1564	SA007TRP
		150,300, 370 mm	61610053	P1075		P1075
	Tecair FB VRH		61610052	T03-610052	88-1564	SA007TRP
	Duratrac	BOGE	61610442/ B0GE	61610442/ B0GE		
		KONI	61610442/ KONI	91-2756	91-2756	SA009TRP

OEM - ORIGINAL EQUIPMENT MANUFACTURER

NOTES

SHOCK ABSORBERS
SHOCK ABSORBER BUSH AND SLEEVE QUICK REFERENCE

MAKE	MODEL	PACCAR PARTS PART NUMBER	OEM PART NUMBER	SHOCK ABSORBER BUSHES		SLEEVES
				PART NUMBER	QUANTITY PER SHOCK ABSORBER	PART NUMBER
BPW	AL / SL Series	0237228302	0237221400	T03-4017 NLA 0228050100 NLA See Note 1	2	T03-4018 NLA 0203162100 NLA See Note 1
			0237025200			
			0237228300			
		91-2207	0237021800			
		SA014TRP	SA014TRP	PD067K1 Polyurethane See Note 2	2	PD067K1 See Note 2
	HD Series	0237021802	0237021800	T03-4017 NLA 0228050100 NLA See Note 1	2	T03-4018 NLA 0203162100 NLA See Note 1
		90-2024SP1	0237021700			
		P42550	P42550	PD067K1 Polyurethane See Note 2	2	PD067K1 See Note 2
	Airlight 2	T03-4000	0237221400	T03-4017 NLA 0228050100 NLA See Note 1	2	T03-4018 NLA 0203162100 NLA See Note 1
			0237025200			
			0237228300			
		91-2207	0237221400			
		P53024	0237021400	PD067K1 Polyurethane See Note 2	2	PD067K1 See Note 2
		T03-4003	0237021800	T03-4017 NLA 0228050100 NLA See Note 1	2	T03-4018 NLA 0203162100 NLA See Note 1
		90-2024SP1	0237026002			
		P42550	P42550	PD067K1 Polyurethane See Note 2	2	PD067K1 See Note 2

Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.
2. Supplied as a Bush and Sleeve Kit.
3. 98941-006-8P Hendrickson Shock Absorber Bush Kit Also Available - Includes 8 Bushes 4 per shock absorber.

For further information contact your local PACCAR Parts dealership.

NLA — NO LONGER AVAILABLE | OEM — ORIGINAL EQUIPMENT MANUFACTURER

SHOCK ABSORBERS
SHOCK ABSORBER BUSH AND SLEEVE QUICK REFERENCE

MAKE	MODEL	PACCAR PARTS PART NUMBER	OEM PART NUMBER	SHOCK ABSORBER BUSHES		SLEEVES
				PART NUMBER	QUANTITY PER SHOCK ABSORBER	PART NUMBER
Hendrickson	HT230 / HT300	90-2396SP1	S-20889	98941-005	2	98941-008 See Note 3
	HT250U	90-2396SP1	S-24023	98941-006-8P Pack of 8 Bushes		
	HT250US 6½" Ride Height	S-23744	S-23744	98941-005		
	HT250US 7½", 8½" - 14" Ride Height	S-23743	S-23743			
	HT300U	S-21699	S-21699	98941-005	4	
		90-2319SP1 NLA See Note 1	90-2319SP1 NLA See Note 1	98941-006-8P Pack of 8 Bushes		
	Intraax AA250	S-21699	S-21699	98941-005		
		90-2319SP1 NLA See Note 1	90-2319SP1 NLA See Note 1	98941-006-8P Pack of 8 Bushes		
	Intraax AA250 Low Ride	S-24579	S-24579	98941-006-8P Pack of 8 Bushes		
		S-24023	S-24023			
	T9-106	A-4084	A-4084	98941-006-8P Pack of 8 Bushes		
	T15 / T17	S-20886	S-20886	98941-006-8P Pack of 8 Bushes		
Holland	Euro Series	T03-2501192	2501192	T03-2501193	2	Comes with Bush
	HD Series	91-2227	91-2227	T03-4004		
	Ultra Lite	912400	912400	7052-25-2671		
		123840	123840			
Maxitraax	Maxitraax	S-21699	S-21699			
Meritor / ROR	FL11000 Series	21224745	21223928	T03-4022		
Flexair	FL9000					
	FL9000L	912400	91-2400	7052-25-2671		Comes with Bush
	FL9000M		21223928			
Neway	AR45	90045337	90045337	90508804	4	Comes with Bush
	AR92-12					
	ARU92-8	90045338	90045338			
	ARU93-8					
	RL228-15					
	RL250-15	90045534	90045534			
	RLU228-8	90045337	90045337			
	RLU250-9					
Reyco	25ARUU	T03-4025 NLA See Note 1	23553-01			
	30ARUU	T03-4024	P126			
	23/25/30ARTU	T03-4024	P126			

Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.
2. Supplied as a Bush and Sleeve Kit.
3. 98941-006-8P Hendrickson Shock Absorber Bush Kit Also Available - Includes 8 Bushes 4 per shock absorber.

For further information contact your local PACCAR Parts dealership.

NLA — NO LONGER AVAILABLE | OEM — ORIGINAL EQUIPMENT MANUFACTURER

SHOCK ABSORBERS
SHOCK ABSORBER BUSH AND SLEEVE QUICK REFERENCE

MAKE	MODEL	PACCAR PARTS PART NUMBER	OEM PART NUMBER	SHOCK ABSORBER BUSHES		SLEEVES
				PART NUMBER	QUANTITY PER SHOCK ABSORBER	PART NUMBER
RFS	2000 Series	91-2227	29-5035.A	T03-4004	2	
	2000 Series	912400	29-5235	7052-25-2671		
Ridewell	Monopivot	T03-4001 (Gas)	1270563B003			
		90-2396SP1	90-2396SP1			
		SA005TRP	P126	CR132L (Polyurethane)	2	CR132LK1
				RCR132L (Rubber)		
SAF	U20/2500	T03-4008	2376002700S			
	M42/2907	T03-4007	2376002600S			
	E050/3510	T03-4009	2376003100S			
	E050/3504					
	Modul	T03-4007	2376002600S			
	Overslung					
	Modul	2376502600S	2376502600S			
	Overslung					
		Standard				
	Intradrum / Intradisc	2376008500	2376008500			
		Road Friendly				
		2376507000	2376507000			
		2376507100	2376507100			
		2376507200	2376507200			
Watson & Chalin	TA-250-T	KH17300	KH17300			
	TA-300-T					
	TA-250-T	WC17297	WC17297			
	TA-300-T					
	TA-250-U	KH10147	KH10147			
	TA-300-U					
Weweler	All	WD8A91-2643W	WD8A91-2643W			

Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.
2. Supplied as a Bush and Sleeve Kit.
3. 98941-006-8P Hendrickson Shock Absorber Bush Kit Also Available - Includes 8 Bushes 4 per shock absorber.

For further information contact your local PACCAR Parts dealership.

NLA — NO LONGER AVAILABLE | OEM — ORIGINAL EQUIPMENT MANUFACTURER

SHOCK ABSORBERS
SHOCK ABSORBER BUSH AND SLEEVE QUICK REFERENCE

MAKE	MODEL	PACCAR PARTS PART NUMBER	OEM PART NUMBER	SHOCK ABSORBER BUSHES		SLEEVES
				PART NUMBER	QUANTITY PER SHOCK ABSORBER	PART NUMBER
York	Tecair 1	T03-4011	61506717/01	T03-4002	2	
		90-2067 NLA See Note 1	90-2067			
		P52449	P52449			
		T03-4012	61506717/02	T03-4014		T03-4014S
		91-2542	90-2542			
		P185	P185	PDB390K3		
	Tecair 2	T03-4013	61787803	T03-4002		
		91-2756	91-2756			
		SA009TRP	P52260			
	Tecair FB	T03-610052	61610052	T03-4015		
		T03-610052 (Boge)	61610052	T03-4023B		T03-4023
		88-1564	88-1564			
		SA007TRP	P171	PDB171K		
		P1075	61610053	T03-4016		
		P1075	P42053			
	Tecair FB VRH	T03-610052	61610052	T03-4023B		T03-4023
		88-1564	88-1564			
		SA007TRP	P171			
	Duratrac	61610442/B0GE	61610442/B0GE	61610464		
		91-2756	91-2756			

Notes

1. Part Number shown for reference only. Refer to PACCAR Parts for further options.
2. Supplied as a Bush and Sleeve Kit.
3. 98941-006-8P Hendrickson Shock Absorber Bush Kit Also Available - Includes 8 Bushes 4 per shock absorber.

For further information contact your local PACCAR Parts dealership.

NLA — NO LONGER AVAILABLE | OEM — ORIGINAL EQUIPMENT MANUFACTURER

NOTES

SPRINGS AND COMPONENTS
SPRINGS

PART NUMBER	APPLICATION	NUMBER OF LEAVES/STYLE	LEAF SIZE
T03-7401AU	Fruehauf	13 – 2 Hook	76 mm x 10 mm
T03-7404	Fruehauf	8	76 mm
T03-7407-2H	Haulmark	10 – 2 Hook	76 mm x 11 mm
T03-7407HD	Haulmark	11 – 1 Hook	76 mm x 11 mm
T03-7409	General Purpose ROR, Fruehauf See Note 1	3	76 mm
T03-7410AU	General Purpose End Pack See Note 1	8 – 1 Hook	76 mm x 12 mm
T03-7411AU	General Purpose Centre Pack See Note 1	8 – 2 Hook	76 mm x 12 mm
T03-7415AU	General Purpose End Pack See Note 1	9 – 1 Hook	76 mm x 12 mm
T03-7418AU	General Purpose Centre Pack See Note 1	9 – 2 Hook	76 mm x 12 mm
T03-7420 NLA	McGrath End Pack	14 – 1 Hook	76 mm x 10 mm
T03-7438AU	Freighter	9	90 mm x 10 mm
T03-7438HDAU	Freighter	10	90 mm x 10 mm
T03-7443 NLA	Hendrickson E4	8	76 mm x 13 mm
T03-7469 NLA	Transpro See Note 2	8 High – 2 Hook	76 mm x 12 mm
T03-7473	Transpro Low Arch – End Spring 0079-02 See Note 2	3	76 mm
T03-7474 NLA	Transpro Low Arch – Centre Spring 0335-00 See Note 2	3	76 mm
T03-7477 NLA	Transpro High Arch – End Spring 0079-01 See Note 2	3	76 mm
T03-7480NLA	Transpro Centre Spring 1601-02 See Note 2	2	76 mm

Notes

1. General purpose springs suit the following make of suspensions – Haulmark, York Macteco, Sinclair, Krueger.
2. Reyco Transpro 3 leaf springs can be identified by the Reyco part number stamped into the hook end. For example 0079-02

For further information contact your local PACCAR Parts dealership.

NLA — NO LONGER AVAILABLE

NOTES

SPRINGS AND COMPONENTS
SPRING LEAVES

PART NUMBER	APPLICATION	DESCRIPTION
T03-7402AU	Fruehauf - 13 Leaf	1st and 2nd Main Leaf
T03-7403	Fruehauf - 13 Leaf	3rd Leaf - Double Hook Leaf
T03-7408	Haulmark - 10 Leaf	Main Leaf
T03-7412AU	General Purpose - 8 and 9 Leaf (Suits T03-7410)	1st and 2nd Main Leaf
T03-7439AU	Freighter - 9 & 10 leaf	1st and 2nd Leaf
T03-7444	Hendrickson - E4	1st Main Leaf
T03-7464	Transpro 8 Leaf Medium - End	Top Leaf
T03-7465	Transpro 8 Leaf Medium - End	Hook Leaf
T03-7466	Transpro 8 Leaf Medium -Centre	Top Leaf
T03-7467	Transpro 8 Leaf Medium -Centre	Hook Leaf
T03-7471	Transpro 8 Leaf High - End	Hook Leaf
T03-7472	Transpro 8 Leaf High - Centre	Hook Leaf

Notes

For further information contact your local PACCAR Parts dealership.

NOTES

SPRINGS AND COMPONENTS
CENTRE BOLTS

PART NUMBER	LENGTH	LENGTH OF THREAD
⅜" Diameter Centre Bolt and Nut		
T03-7448	6"	4" (100 mm)
T03-7451	7"	4" (100 mm)
T03-7534	8"	6" (150 mm)
T03-7535	10"	7" (175 mm)
7/16" Diameter Centre Bolt and Nut		
T03-7531	6"	4" (100 mm)
T03-7450	7"	4" (100 mm)
T03-7454	8"	5" (125 mm)
T03-7532AU	10"	7" (175 mm)
½" Diameter Centre Bolt and Nut		
T03-7446	5"	4" (100 mm)
T03-7447AU	6"	4" (100 mm)
T03-7449AU	7"	4" (100 mm)
T03-7453AU	8"	6" (150 mm)
T03-7455	10"	9" (230 mm)
T03-7533AU	12"	10" (250 mm)

Notes

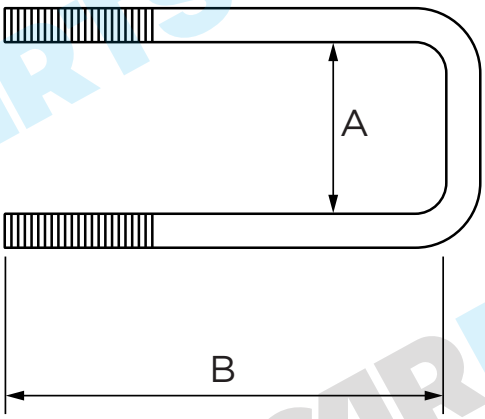
1. Length measured from end of bolt to under the bolt head.

For further information contact your local PACCAR Parts dealership.

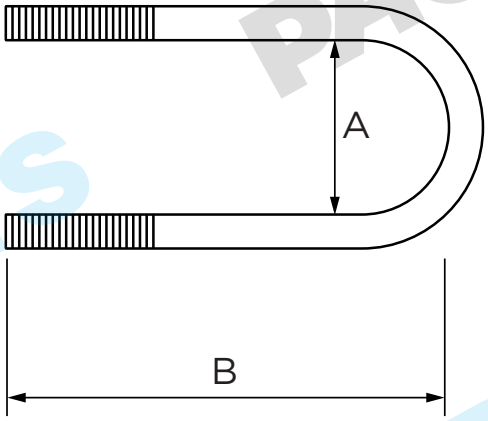
PACCAR U-BOLT PART NUMBERS

T03-UBA-145AU

PACCAR Product Group	U-Bolt Identification	U-Bolt Profile Code	U-bolt length in 1/10th's of an inch, e.g. 145 = 14.5" = 14½"
		A 3" Round x ⅞" B 5" Round x ⅞" C 5" Square x ⅞" D 3½" Round x ⅞" E 3½" Round x ¾" F 5" Round x ¾"	(Any lettering at the end of the part number e.g. "AU" is only an internal PACCAR coding.)



Square Bend Type



Round Bend Type

NOTES

1. Width of U-Bolts listed is the inside width. Dimension A above.
2. Length of U-Bolts listed is the inside length. Dimension B above.
3. All U-Bolts are Grade 5 material which is only suitable for trailer applications
4. Most U-Bolts are supplied with nuts and washers.
5. All U-Bolt threads are UNF.
6. Refer to OEM documentation for correct tightening torque.
7. Always retorque U-Bolts at OEM recommended service intervals.

SPRINGS AND COMPONENTS
U-BOLTS

PART NUMBER	LENGTH	LENGTH OF THREAD
3" Round Bend x ⅞" Profile Code – A		
T03-UBA-135	13½"	4"
T03-UBA-145AU	14½"	4"
T03-UBA-155AU	15½"	4"
T03-UBA-165AU	16½"	4"
T03-UBA-175AU	17½"	4"
5" Round Bend x ⅞" Profile Code – B		
T03-UBB-10AU	10"	3"
T03-UBB-125AU	12½"	3"
T03-UBB-135AU	13½"	4"
T03-UBB-145AU	14½"	4"
T03-UBB-155AU	15½"	4"
T03-UBB-165AU	16½"	4"
5" Square Bend x ⅞" Profile Code – C		
T03-UBC-125AU	12½"	3"
T03-UBC-135AU	13½"	4"
T03-UBC-145AU	14½"	4"
T03-UBC-155AU	15½"	4"
3½" Round Bend x ⅞" Profile Code – D NOTE Nuts and Washers NOT Supplied with U-Bolt		
T03-UBD-145AU	14½"	3"
3½" Round Bend x ¾" Profile Code – E NOTE Nuts and Washers NOT Supplied with U-Bolt		
T03-UBE-145	14½"	3"
T03-UBE-155AU	15½"	3"
5" Round Bend x ¾" Profile Code – F NOTE Nuts and Washers NOT Supplied with U-Bolt		
T03-UBF-125AU	12½"	3"
T03-UBF-135AU	13½"	4"
T03-UBF-145AU	14½"	4"
T03-UBF-155	15½"	4"

U-Bolt Washers	
Part Number	**Size**
254012507	24 mm
48248	¾"
T03-8052	⅞"

U-Bolt Nuts	
Part Number	**Size**
252207412	24 mm
T03-8020	¾"
T03-8051	⅞"

Notes

For further information contact your local PACCAR Parts dealership.

NOTES

TORQUE RODS
TORQUE RODS AND COMPONENTS

RIGID TORQUE RODS

23.1.1

PART NO.	APPLICATION	LENGTH		BUSH PART NUMBER	DESC
KH600003/495	General Purpose Suspensions — 8′ 1″ Spread Overslung Axle ROR Suspensions — 9′ 1″ Spread Overslung Axle	495 mm	19½″	Tapered Bush T03-1301-M T03-1301-P T03-1301SP See Note 1	
KH600003/470	General Purpose Suspensions — 8′ 1″ Spread Underslung Axle — 10′ 1″ Spread Overslung Axle	470 mm	18½″		
KH600003/565	General Purpose Suspensions — 9′ 1″ Spread Overslung Axle ROR Suspensions — 10′ 1″ Spread Overslung Axle	565 mm	22¼″	Straight Bush T03-1308-M T03-1308-P T03-1308-PST See Note 2	
KH600003/380	General Purpose Suspensions	380 mm	15″		
KH600003/395	General Purpose Suspensions	395 mm	15½″		Front Torque Rod
T03-1331	Reyco — 8″ 1′ Spread Underslung & Overslung Axles	479 mm	18⅞″	T03-1315	
T03-1333	Reyco — 10′ 1″ Spread Overslung Axle	635 mm	25″		
T03-1366	Reyco Model 21B Suspensions — Underslung & Overslung Axles	413 mm	16¼″		Front Torque Rod
T03-1317	Reyco-Transpro Model 88 & 89 Suspensions — 9′ 1″ Spread Underslung & Overslung″	578 mm	22¾″	T03-1308-M See Note 2	

ADJUSTABLE TORQUE ROD SCREWS

23.1.2

PART NO.	APPLICATION	LENGTH		BUSH PART NUMBER	DESC
1925	General Purpose Suspensions	260 mm	10¼″	1½″	Torque Rod Screw — Adjustable Torque Rod
1927	General Purpose Suspensions	350 mm	13¾″		
KH600006/415	General Purpose Suspensions	420 mm	16½″		

TORQUE ROD ENDS

23.1.3

	PART NO.	APPLICATION	THREAD SIZE	BUSH PART NUMBER	DESC
	FW68-0502L	General Purpose Suspensions	1½″	T03-1301-M, T031301-P or T03-1301-SP See Note 1	Left Hand
	FW68-0502R				Right Hand

TORQUE RODS
TORQUE RODS AND COMPONENTS

TORQUE ROD BUSHES

	PART NO.	DIMENSIONS			APPLICATION
	T03-1301-M	Internal Diameter		32 mm / 1¼"	General Purpose Suspensions Fruehauf 'F' Type Suspensions ROR Suspensions Freighter VE 50 Suspensions
		Outside Diameter	(Min)	46 mm / 1 13/16"	
			(Max)	54 mm / 2⅛"	
		Length		59 mm / 2 5/16"	
		Material		Rubber With Nylon Sleeve (USA Mullins Bush)	
	T03-1301-P	Internal Diameter		32 mm / 1¼"	
		Outside Diameter	(Min)	46 mm / 1 13/16"	
			(Max)	54 mm / 2⅛"	
		Length		62 mm / 2 7/16"	
		Material		Yellow Polypropylene	
	T03-1301SP	Internal Diameter		32 mm / 1¼"	
		Outside Diameter	(Min)	46 mm / 1 13/16"	
			(Max)	54 mm / 2⅛"	
		Length		59 mm / 2 5/16"	
		Material		Red Polypropylene (Split Bush)	
	SP1302AU	Internal Diameter		25 mm / 1"	Freighter TAA39 Suspensions Freighter TAA29 Suspensions
		Outside Diameter		49 mm / 1 5/16"	
		Length		75 mm / 3"	
		Material		Rubber With Steel Sleeve (Fitting Tool - T03-1340)	
	T03-1303	Internal Diameter		33 mm / 1 15/16"	Freighter TAA29 Suspensions
		Outside Diameter		59 mm / 2 5/16"	
		Length		57 mm / 2¼"	
		Material		Rubber With Steel Sleeve	
	T03-1308-M	Internal Diameter		22 mm / ⅞"	General Purpose Suspensions Reyco/Transpro 88 Suspensions Reyco/Transpro 102W Suspensions
		Outside Diameter		49 mm / 1 15/16"	
		Length		76 mm / 3"	
		Material		Rubber With Steel Sleeve (USA Mullins Bush — Fitting Tool - T03-1340)	
	T03-1308-P	Internal Diameter		23 mm / 1 5/16"	General Purpose Suspensions Reyco/Transpro 88 Suspensions
		Outside Diameter		46 mm / 1 13/16"	
		Length		72 mm / 2 13/16"	
		Material		Polypropylene	
	T03-1308-PST	Internal Diameter		23 mm / 1 5/16"	General Purpose Suspensions Reyco/Transpro 88 Suspensions
		Outside Diameter		46 mm / 1 13/16"	
		Length		72 mm / 2 13/16"	
		Material		Polypropylene With Steel Sleeve	

TORQUE RODS
TORQUE RODS AND COMPONENTS

TORQUE ROD BUSHES

	PART NO.	DIMENSIONS			APPLICATION
	0511396050	Internal Diameter		30 mm / 1 13/16"	BPW VB Suspensions
		Outside Diameter		60 mm / 2¾"	
		Length		67 mm / 2 5/8"	
		Material		Rubber With Steel Sleeve	
	T03-1313	Internal Diameter		31 mm / 1 13/16"	Freighter TAA35 Suspensions Freighter VA35 Suspensions Replaces T03-1304 or T03-1305
		Outside Diameter	(Min)	55 mm / 2 13/16"	
			(Max)	80 mm / 3 1/8"	
		Length		51 mm / 2"	
		Material		Rubber	
	TWT1315	Internal Diameter		27 mm / 1 1/16"	Reyco Truck Suspensions 102 / 102W / 102AR Also Used For Early Hanger End Bush
		Outside Diameter	(Min)	55 mm / 1 13/16"	
			(Max)	78 mm / 3 1/16"	
		Length		72 mm / 2 13/16"	
		Material		Rubber With Steel Sleeve	
	T03-1315	Internal Diameter		25 mm / 1"	York TST Suspensions
		Outside Diameter	(Min)	46 mm / 1 13/16"	
			(Max)	59 mm / 2 5/16"	
		Length		76 mm / 3"	
		Material		Rubber With Steel Sleeve	

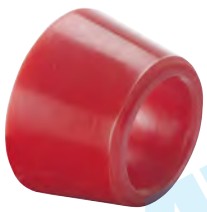
Notes

1. T03-1301-M, T03-1301-P & T03-1301SP are for tapered bush applications
2. T03-1308-M, T03-1308-P & t03-1308-PST are for straight bush applications
   — "M" Indicates a USA Mullins bush
   — "SP" Indicates Split Red Polypropylene bush
   — "PST" Indicates a polypropylene bush with a steel sleeve

For further information contact your local PACCAR Parts dealership.

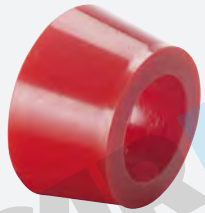
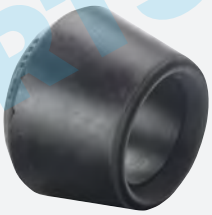
EQUALISERS AND COMPONENTS
EQUALISERS BUSHES

EQUALISER BUSHES

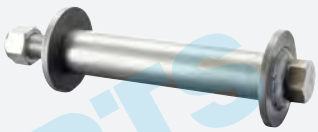
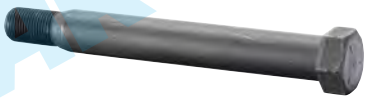
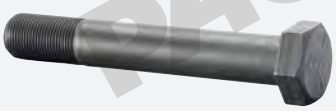
	PART NO.	DIMENSIONS				APPLICATION
	T03-1101	Internal Diameter		51 mm	2"	General Purpose Suspensions Fruehauf 'F' Type Suspensions ROR Suspensions Freighter VE 50 Suspensions
		Outside Diameter	(Min)	69 mm	2 11/16"	
			(Max)	89 mm	3 1/2"	
		Length		111 mm	4 3/4"	
		Material		Rubber With Nylon Sleeve		
	T03-1101-M	Internal Diameter		51 mm	2"	General Purpose Suspensions Fruehauf 'F' Type Suspensions ROR Suspensions Freighter VE 50 Suspensions USA Mullins Bush
		Outside Diameter	(Min)	69 mm	2 11/16"	
			(Max)	89 mm	3 1/2"	
		Length		111 mm	4 3/4"	
		Material		Rubber With Nylon Sleeve		
	T03-1101-P	Internal Diameter		51 mm	2"	General Purpose Suspensions Fruehauf 'F' Type Suspensions ROR Suspensions Freighter VE 50 Suspensions
		Outside Diameter	(Min)	69 mm	2 11/16"	
			(Max)	89 mm	3 1/2"	
		Length		110 mm	4 5/16"	
		Material		Yellow Polypropylene		
	T03-1101SP	Internal Diameter		51 mm	2"	General Purpose Suspensions Fruehauf 'F' Type Suspensions ROR Suspensions Freighter VE 50 Suspensions
		Outside Diameter	(Min)	68 mm	2 5/8"	
			(Max)	89 mm	3 1/2"	
		Length		109 mm	4 1/4"	
		Material		Red Polypropylene - Split		
	T03-1102	Internal Diameter		20 mm	3/4"	Early McGrath Suspensions
		Outside Diameter		83 mm	3 1/4"	
		Length		100 mm	3 15/16"	
		Material		Rubber With Steel Sleeve		
	T03-1104	Internal Diameter		51 mm	2"	Freighter TAA29 Suspensions Freighter TAA30 Suspensions
		Outside Diameter		79 mm	3 1/8"	
		Length				
		Material		Rubber With Nylon Sleeve		
	T03-1105	Internal Diameter		58 mm	2 1/4"	Freighter TAA35 Suspensions Outer Bush Freighter VA35 Suspensions Outer Bush Use With Inner Bush T03-1120
		Outside Diameter	(Min)	76 mm	3"	
			(Max)	93 mm	3 5/8"	
		Length		49 mm	1 15/16"	
		Material		Rubber		
	T03-1106	Internal Diameter		51 mm	2"	Freighter TAA35 Suspensions Outer Bush Freighter VA35 Suspensions Outer Bush Use With Inner Bush - T03-1107
		Outside Diameter	(Min)	77 mm	3 1/16"	
			(Max)	94 mm	3 5/8"	
		Length		56 mm	2 3/16"	
		Material		Red Polypropylene		

EQUALISERS AND COMPONENTS
EQUALISERS BUSHES

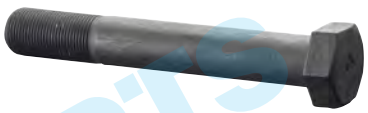
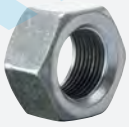
EQUALISER BUSHES

	PART NO.	DIMENSIONS				APPLICATION
	T03-1107	Internal Diameter		51 mm	2"	Freighter TAA35 Suspensions Inner Bush Freighter VA35 Suspensions Inner Bush Use With Outer Bush - T03-1106
		Outside Diameter	(Min)	70 mm	2¾"	
			(Max)	89 mm	3½"	
		Length		54 mm	2⅛"	
		Material		Red Polypropylene		
	WT1103	Internal Diameter		20 mm	¾"	Freighter TAA39 Suspensions Freighter TAA49 Suspensions
		Outside Diameter		83 mm	3¼"	
		Length		112 mm	4¾"	
		Material		Rubber With Steel Sleeve		
	T03-1115	Internal Diameter		102 mm	4"	Hutch H900 Single Point Suspensions Trunnion Bush
		Outside Diameter		124 mm	4⅞"	
		Length		231 mm	9⅛"	
		Material		Rubber		
	T03-1115P	Internal Diameter		102 mm	4"	Hutch H900 Single Point Suspensions Trunnion Bush
		Outside Diameter		124 mm	4⅞"	
		Length		231 mm	9⅛"	
		Material		White Polypropylene		
	T03-1120	Internal Diameter	(Min)	48 mm	1⅞"	Freighter TAA35 Suspensions Inner Bush Freighter VA35 Suspensions Inner Bush Use With Outer Bush - T03-1105
			(Max)	64 mm	2½"	
		Outside Diameter	(Min)	68 mm	2¹¹⁄₁₆"	
			(Max)	85 mm	3¾"	
		Length		58 mm	2⁵⁄₁₆"	
		Material		Rubber		
	T03-1134	Internal Diameter		25 mm	1"	Reyco/Transpro 88 Suspension Standard Bush
		Outside Diameter		85 mm	3¹¹⁄₃₂"	
		Length		102 mm	4"	
		Material		Rubber With Steel Sleeve		
	T03-1134HD	Internal Diameter		25 mm	1"	Reyco/Transpro 88 Suspension Heavy Duty Bush
		Outside Diameter		88 mm	3¹⁵⁄₃₂"	
		Length		102 mm	4"	
		Material		Rubber With Steel Sleeve		

EQUALISERS AND COMPONENTS
EQUALISER AND TORQUE ROD BOLTS AND NUTS

EQUALISER AND TORQUE ROD BOLTS AND NUTS				
	PART NO.	DESC.	DIMENSIONS	APPLICATION
	K041-701-550	Torque Rod Bolt	5½" Long X ⅞" UNF	General Purpose Suspensions Reyco/Transpro Suspensions Use With Nut - K169-143-144CA Use With Washer - T03-8052
	K169-143-144CA	Torque Rod Bolt Nut	⅞" UNF Nyloc"	General Purpose Suspensions Reyco/Transpro Suspensions Use With Bolt - K041-701-550 Use With Washer - T03-8052
	K169-143-164CA Or T03-5505	Torque Rod Bolt Nut	1" UNF Nyloc"	Freighter Suspension - VA35
	T03-0331	Repair Boss	⅞" ID X 1¾" OD X 7/16" Thick	Early General Purpose Suspensions With Straight Bushes To Repair Worn Torque Rod Eyes In Hangers"=
	T03-1201HD	Equaliser Bolt, Nut & Washer	11½" Long X 2" Diameter X 1" UNF Thread	General Purpose Suspensions Includes Nyloc Nut T03-5505
	T03-1204	Equaliser Bolt	6" Long X ¾" Diameter – ⅝" X 18 TPI Thread	McGrath / Fruehauf S2 Use With Nut - T03-1205
	T03-1205	Equaliser Bolt Nut	15⁄16" A/F – ⅝" X 18 TPI Thread	Freighter Suspensions - TAA49 McGrath / Fruehauf S2 Use With Bolt – T03-1204, T03-1206 Use With Washer - T03-1228
	T03-1206	Equaliser Pin	6½" Long X ¾" Diameter – ⅝" X 18 TPI Thread	Freighter Suspensions - TAA49 Use With Nut - T03-1205
	T03-1209	Equaliser Bolt	6½" Long X 1" Diameter	Reyco/Transpro 88 Suspensions Use With Nut - T03-1210
	T03-1210	Equaliser Bolt Nut	37 mm A/F	Reyco/Transpro 88 Suspensions Use With Bolt - T03-1209
	T03-1223	Equaliser Pin Washer	4¼" OD X 1⅛" ID X 3/16" Thick	General Purpose Suspensions

EQUALISERS AND COMPONENTS
EQUALISER AND TORQUE ROD BOLTS AND NUTS

EQUALISER AND TORQUE ROD BOLTS AND NUTS				
	PART NO.	DESC.	DIMENSIONS	APPLICATION
	T03-1231	Equaliser Pin, Nut & Washer	12½" Long X 2" Diameter 1" UNF	Lusty Allison Suspensions Includes Nyloc Nut T03-5055 Includes Washer T03-1452
	T03-1329	Torque Rod Bolt Washer	70 mm OD X 25 mm ID X 5 mm Thick	Reyco 21B Suspensions Use With Torque Rod Bolt - E-1166 Use With Torque Rod Nut - T03-1405
	T03-1401HD	Torque Rod Bolt, Nut & Washer	6½" Long X 1¼" Diameter	General Purpose Suspensions Includes Nyloc Nut T03-5055 Includes Washer T03-1452
	T03-1401AU	Torque Rod Bolt, Nut & Washer	6½" Long X 1¼" Diameter	General Purpose Suspensions Includes Nyloc Nut T03-5055 Includes Washer T03-1452
	E-1166	Torque Rod Bolt	7" Long X 1" Diameter	Reyco 21B Suspensions Use With Washer - T03-1452 Use With Nut - T03-1405
	T03-1405	Torque Rod Bolt Nut	37 mm A/F	Reyco 21B Suspensions Use With Washer - T03-1452 Use With Bolt - E-1166
	T03-1452	Torque Rod Bolt Washer	63 mm OD X 26 mm ID X 4 mm Thick	General Purpose Suspensions Use With To Bolt T03-1401HD
	T03-8052	Torque Rod Bolt Washer	44 mm OD X 24 mm (⅞") ID X 3 mm Thick	General Purpose Suspensions
	E-1967	Equaliser Shaft	8⅛" Length (Overall) X 1½" Diameter	Reyco 102W Suspensions Use With Nut - E-1968 Use With Spring Washer - E-1969
	E-1968	Equaliser Shaft Nut	2¼" A/F	Reyco 102W Suspensions Use With Equaliser Shaft E-1967 Use With Spring Washer - E-1969
	E-1969	Equaliser Shaft Spring Washer	2¼" OD X 1½" ID X ¼" Thick	Reyco 102W Suspensions Use With Equaliser Shaft E-1967 Use With Nut E-1968

OEM - ORIGINAL EQUIPMENT MANUFACTURER

NOTES

EQUALISERS AND COMPONENTS
SUSPENSION EQUALISERS

SUSPENSION EQUALISERS				
	PART NO.	DESC.	DIMENSIONS	APPLICATION
	T03-1151	Cast Iron	Length - 450 mm Width - 117 mm	Freighter TAA29 Suspensions 9′ 1″ Axle Spread Use With Equaliser Bush - T03-1104 (Supplied)
	KH690007	Cast Iron	Length - 395 mm Width - 107 mm	General Purpose Suspensions 8′ 1″ Axle Spread Use With Equaliser Bush - T03-1101
	KH690010	Cast Iron	Length - 750 mm Width - 108 mm	General Purpose Suspensions 10′ 1″ Axle Spread Use With Equaliser Bush - T03-1101
	KH690020	Cast Iron	Length - 600 mm Width - 107 mm	General Purpose Suspensions 9′ 1″ Axle Spread Use With Equaliser Bush - T03-1101
	0650-00	Fabricated Steel	Length - 420 mm Width - 95 mm	Transpro/Reyco Model 88 Suspensions 8′ 1″ Axle Spread Use With Equaliser Bush - T03-1134
	T03-1195-C	Cast Iron	Length - 420 mm Width - 95 mm	Transpro/Reyco Model 88 Suspensions 8′ 1″ Axle Spread Use With Equaliser Bush - T03-1134
	T03-1196	Cast Iron	Length - 460 mm Width - 105 mm	Reyco 21B Suspensions 8′ 1″ Axle Spread Equaliser Bush NLA
	E-2843	Cast Iron	Length - 410 mm Width - 105 mm	Reyco 102W – Pre 1985 Use With Equaliser Bush - E-1966 (Slotted)
	E-3978	Cast Iron	Length - 410 mm Width - 105 mm	Reyco 102W – Post 1985 Use With Equaliser Bush - E-3977

OEM - ORIGINAL EQUIPMENT MANUFACTURER

PART NUMBER CROSS REFERENCE
CROSS REFERENCE INDEX

25.1

COMPETITOR	SECTION - PAGE
BPW TRANSPEC	27.2 - xx
COLRAIN	27.3 - xx
FREIGHTER	27.4 - xx
IVECO	27.5 - xx

COMPETITOR	SECTION - PAGE
KRUEGER	27.6 - xx
REYCO	27.7 - xx
SAF HOLLAND AND YORK	27.8 - xx
SINCLAIR	27.9 - xx

COMPETITOR	SECTION - PAGE
SX TRAILERS	27.10 - xx
WABCO	27.11 - xx
WATTS	27.12 - xx

PART NUMBER CROSS REFERENCE
BPW TRANSPEC

25.2

BPW PART NUMBER	PACCAR PART NUMBER
AS0025/4310	AS0025/4310
AS0025/4540	AS0025/4540
AS0025/4540	AS0025/4540
0203160KIT	T03-1112
0203169KIT	0203169K1T
02.011.15.00.0	0201150300
02.031.16.00.0	0203160600
02.031.16.00.0	0203169000
02.350.06.00.0	0235060200
02.370.02.00.0	0237021800
02.370.02.00.0	0237228302
02.372.22.00.0	0237228302
02.372.22.00.0	0237228302
02.431.10.00.0	T03-1701
02.431.09.20.0HB	HCVHBABV464-02-T29
02.431.11.00.0	T03-1701
02.522.20.12.2	0252207412
02.522.20.12.2	0252207412
02.540.01.04.4	T03-0511
02.540.01.07.7	0254012507
03.109.96.40.0	0310967240
03.113.02.06.0TS	0311302060TS
03.113.39.70.0	T03-1116
03.138.84.74.4	0313841174
03.138.84.41.1	0313844041
03.138.84.80.0	T03-8070
03.138.84.84.4	T03-8070
03.138.84.54.4	0313844154
03.139.93.30.0	0542942580
03.195.50.60.0	0319500960
03.260.01.10.0	0326015010
03.320.03.40.0	0332031270

BPW PART NUMBER	PACCAR PART NUMBER
03.320.36.08.0TS	AS-0191
03.340.01.20.0	0334014120
03.340.01.70.0	0334015270
05.082.21.30.0	0508212830
05.082.21.80.0	0508213180
05.082.21.90.0	0508213190
05.082.21.40.0	0508213240
05.082.21.80.0	0508213480
05.082.21.90.0	0508213590
05.113.39.50.0	0511396050
05.139.93.00.0	0513939580
05.139.93.10.0	0513939510
05.139.93.20.0	0542942580
05.145.52.30.0	0514522430
05.327.71.10.0	0532714010
05.327.71.90.0	0532714090
05.327.71.10.0	0532714110
05.327.71.40.0	0532714140
05.348.83.50.0	0534830050
05.375.63.48.0MTPL	0537563480MTPL
05.375.63.48.0MTPR	0537563480MTPR
05.375.63.48.0UTPL	T03-3350L
05.375.63.48.0UTPR	T03-3350R
05.375.56.80.0	0537566280
0537566280PL	0537566290PL
0537563480MTPR	0537563480MTPR
0537563480UTPL	T03-3350L
0537563480UTPR	T03-3350R
05.375.56.80.0	0537566280
05.375.66.28.0PL	0537566290PL
05.375.56.90.0	0537566290
05.375.66.29.0PR	0537566290PR

BPW PART NUMBER	PACCAR PART NUMBER
05.375.56.00.0	0537566300
05.375.66.30.0P	0537566300P
05.375.56.10.0	0537566310
05.375.66.31.0P	0537566310P
05.429.94.10.0	0542942580
05.429.94.10.0	0542942580
05.429.94.30.0	0542942570
05.429.94.10.0	0542942560
05.429.94.00.0	0542942560
05.429.42.25.0	0542942570
05.429.94.60.0	0542942580
05.429.94.60.0	0542942560
05.429.94.70.0	0542942570
05.429.94.80.0	0542942580
05.429.94.50.0	0542943650
05.429.94.60.0	0542943660
05.429.94.20.0	0542943690
05.429.94.00.0	0542943690
05.429.94.50.0	0542943650
05.429.94.60.0	0542943660
05.429.94.90.0	0542943690
05.801.10.30.0	0513939580
05.801.10.30.0	0580109730
05.801.10.40.0	0513939510
05.801.10.40.0	0580109740
05.880.03.50.0	0588034150
02.5070.95.00	0250709500
02.5070.96.00	0250709600
02.5220.74.12	0252207412
02.5273.33.80	0252733380
02.5401.25.07	0254012507
02.5401.31.01	0254013101

Notes

For further information contact your local PACCAR Parts dealership.

PART NUMBER CROSS REFERENCE
BPW TRANSPEC

BPW PART NUMBER	PACCAR PART NUMBER
02.6201.61.01	0262016101
03.084.74.43.0	0308474430
03.113.23.01.0	0311323010
03.138.41.01.4	0313841014
03.138.41.17.4	0313841174
03.138.41.19.4	0313841194
03.138.44.08.4	0313844084
03.145.25.38.0	0314525380
03.164.35.01.0	0316435010
03.164.35.02.0	0316435020
03.179.03.08.0	0317903080
03.260.15.01.0	0326015010
03.280.95.02.0	0328095020
03.280.95.03.0	0328095030
03.281.54.18.0	0328154180
03.310.31.38.0	0331031380
03.320.31.27.0	0332031270
03.320.34.53.0	0332034530
03.340.12.23.0	0334012230
03.340.12.24.0	0334012240
03.340.14.19.0	0334014190
03.340.15.27.0	0334015270
03.341.02.18.0	0334102180
03.341.05.05.0	0334105050

BPW PART NUMBER	PACCAR PART NUMBER
05.082.12.83.0	0508212830
05.082.13.18.0	0508213180
05.082.13.19.0	0508213190
05.082.13.24.0	0508213240
05.082.13.59.0	0508213590
05.139.39.51.0	0513939510
05.139.39.52.0	0513939520
05.139.39.58.0	0513939580
03.145.25.03.0	0514525070
05.145.25.46.0	0514525460
05.327.14.01.0	0532714010
05.327.14.02.0	0532714020
05.327.14.03.0	0532714030
05.327.14.05.0	0532714050
05.327.14.06.0	0532714060
05.327.14.07.0	0532714070
05.327.14.08.0	0532714080
05.327.14.09.0	0532714090
05.327.14.10.0	0532714100
05.327.14.11.0	0532714110
05.327.14.12.0	0532714120
05.327.14.14.0	0532714140
05.327.14.18.0	0532714180
05.327.14.19.0	0532714190

BPW PART NUMBER	PACCAR PART NUMBER
05.327.14.20.0	0532714200
05.327.14.21.0	0532714210
05.348.30.05.0	0534830050
05.375.44.30.8	0537544308
05.375.44.31.8	0537544318
05.375.44.32.8	0537544328
05.375.44.33.8	0537544338
05.375.44.45.8	0537544458
05.375.44.46.8	0537544468
05.375.44.47.8	0537544478
05.397.26.03.0	0539726030
05.429.42.56.0	0542942560
05.429.42.57.0	0542942570
05.429.42.58.0	0542942580
05.429.43.65.0	0542943650
05.429.43.66.0	0542943660
05.429.43.69.0	0542943690
05.801.09.73.0	0580109730
05.801.09.74.0	0580109740
05.801.21.32.0	0580121320
0203169KIT	0203169K1T
0203160K1T	T03-1112
534830050	T03-7366

PART NUMBER CROSS REFERENCE
COLRAIN

COLRAIN PART NUMBER	PACCAR PART NUMBER
CG9004	99510003
CH0506	T03-0506
CH0513	E-1166
CH0520	T03-2501226
CH0521	T03-2501249
CH0523	T03-2501231
CH0533	T03-4010
CH0535	21222230PK10
CH0536	99526002
CH0537	21222230PK10
CH0538	21222255

COLRAIN PART NUMBER	PACCAR PART NUMBER
CH0500	T03-1140
CH0520	T03-2501226
CH0550	T03-1140
CH0565	21222255
CH2008	21222329
CH5505	T03-5505
CH5507	T03-5507
CH5513	T03-2501228
CH5514	T03-2501234
CH5521	99527004
CH5522	99527004

COLRAIN PART NUMBER	PACCAR PART NUMBER
CH5523	93400136 or 99528001
CH5525	99527003
CH9004	99510003
CH9005	99513007 or 99513008
CH9006	21222923PK50 or 99513007
CH9007	99510003
CH9011	99510003
FR24959	T03-7307
SP0011	TRP21221307

Notes

For further information contact your local PACCAR Parts dealership.

PART NUMBER CROSS REFERENCE
COLRAIN

COLRAIN PART NUMBER	PACCAR PART NUMBER
SP0014	61610122 (YORK)
SP0015	T03-AS3180-A
SP0016	T03-AS3233-A
SP0019	S-21208
SP0020	0542942570
SP0020AS	0542942570
SP0022	0542942580
SP0022AS	0542942580
SP0026	0542942560
SP0026AS	0542942560
SP0028	21222442
SP0030	21222239
SP0031	T03-AS2502-B
SP0035	C-20901
SP0038	T03-C-20124
SP0039	T03-AS2235-A
SP0040	T03-AS2501-B
SP0045	90557117
SP0049	90557118
SP0047	S-21208
SP0054	29-5031.C
SP0200	90555105
SP0225	90054630
SP0401	0513939580
SP0402	0513939510
SP0403	0542942580
SP1101-P	T03-1101-P
SP1101PG	T03-1101-P
SP1102	T03-1102
SP1104	T03-1104
SP1105	T03-1105
SP1108	WT1103
SP1120	T03-1120
SP1151	T03-1151
SP1182	KH690007
SP1183	KH690010
SP1188	KH900032
SP1189	T03-1189
SP-1195	0650-00
SP1196	T03-1196
SP1201-HD	T03-1201HD
SP1223	T03-1223

COLRAIN PART NUMBER	PACCAR PART NUMBER
SP1225	T03-1225
SP1234	T03-1281
SP1300	21225103
SP1301	T03-1301-M
SP1301-P	T03-1301-P
SP1301PG	T03-1301-P
SP1302	SP1302AU
SP1303	T03-1303
SP1306	T03-1306
SP1308	T03-1308-M
SP1308-P	T03-1308-P
SP1309	T03-1309
SP1315	T03-1315
SP1324	21222609 (HD VERSION 0203169000)
SP1324	T03-1122
SP1324PG	21224663
SP1355	1927
SP1356	T03-1356
SP1366	T03-1366
SP1370	KH600003/495
SP1372	FW68-0502L
SP1373	FW68-0502R
SP1376	T03-1334
SP1392	T03-1331
SP1381	T03-1336
SP1401-HD	T03-1401HD
SP1417	KH600003/470
SP1417	KH600003/470
SP1420	KH600006/415
SP1420	KH600006/415
SP1421	T03-1421
SP1421	T03-1421
SP1431	61SB610366
SP1432	61SB610366
SP1452	T03-1452
SP1455	T03-1329
SP1457	T03-2501227
SP1481	21222223
SP1482	21222690
SP1601	T03-1127
SP1601PG	T03-1127

COLRAIN PART NUMBER	PACCAR PART NUMBER
SP1603	T03-1128
SP1603PG	T03-1128
SP1650	93201051
SP1651	93400506
SP1655	93201055
SP1656	90008147
SP1657	90036177
SP2004	21222399
SP2005	21222395 (ROR)
SP2005	T03-8016 (RFS)
SP2006	T03-7372
SP2007	21222330
SP2008	21222329
SP2009	21222230PK10 or 21222234
SP2011	21222221
SP2012	21222287
SP2015	21222248
SP2016	21224436
SP2016 L/R	21222262
SP2017	21222262
SP2068	21224664
SP2220	21225155
SP2221	21225104
SP2223	21228663
SP2225	21224386
SP2235	21224664
SP3330	T03-3330
SP3331	KH900001
SP3332-M	T03-3332DB
SP3333	KH690037
SP3338	T03-3338
SP6953	B-11613-2P
SP7001	91-2227
SP7003	90045338
SP7032	T03-4013
SP7033	T03-4012
SP7034	S-2212
SP7036	S-20889
SP7048	0237228302
SP7057	T03-610052
SP7058	P1075

Notes

For further information contact your local PACCAR Parts dealership.

PART NUMBER CROSS REFERENCE
COLRAIN

COLRAIN PART NUMBER	PACCAR PART NUMBER
SP7062	0237021802 (BPW)
SP7130	C-20069
SP7131	A-20031
SP7135	T03-4014
SP7145	90508004
SP7155	0203169000
SP7155PG	0203169000
SP7157PG	0203169K1T
SP7161	T03-1245
SP7165	T03-1097
SP7167	0311302060TS
SP7168	61506284
SP7169	61506234
SP7170	T03-8077
SP7176	T03-4010
SP7181	T03-1248
SP7183	T03-1249
SP7184	T03-1248
SP7185	T03-AS2501-P
SP7187	T03-RSFB01
SP7188	T03-RSFB04
SP7197	T03-RS1370
SP7199	T03-RS1170
SP7201	T03-1141
SP7202	T03-1144
SP7203	T03-1145
SP7204	T03-1146
SP7304	KH690027
SP7305	KH690025
SP7308	T03-7308
SP7308	T03-7308
SP7401	T03-7401AU

COLRAIN PART NUMBER	PACCAR PART NUMBER
SP7402	T03-7402AU
SP7403	T03-7403
SP7405	T03-7368
SP7410	T03-7410AU
SP7411	T03-7411AU
SP7412	T03-7412AU
SP7415	T03-7415AU
SP7420	T03-7420
SP7423	T03-7423
SP7425	T03-7409
SP7430	T03-7369
SP7431	T03-7371
SP7435	T03-7433
SP7436	T03-7433
SP7437	T03-7434
SP7438	T03-7438AU
SP7439	T03-7439AU
SP7446	T03-7446
SP7447	T03-7447AU
SP7448	T03-7448
SP7449	T03-7449AU
SP7450	T03-7450
SP7451	T03-7451
SP7453	T03-7453AU
SP7455	T03-7455
SP7458	T03-7533AU
SP7463	T03-7477
SP7464	T03-7473
SP7466	T03-7474
SP7477	T03-7350
SP7478	T03-7352
SP7479	T03-7351
SP7489	T03-2501177

COLRAIN PART NUMBER	PACCAR PART NUMBER
SP7492	T03-2501186
SP7493	T03-2501188
SP7494	T03-2501187
SP7495	F001A437HG75
SP7649	0508212830
SP7622	T03-7352W
SP7676	0508213240
SP7677	0508213190
SP7678	0508213590
SP7679	0508212830
SP8001	KH600014
SP8030K	S-21140
SP8051	T03-8051
SP8052	T03-8052
SP8075	T03-2501211
SP8077	0254012507
SP8078	0252207412
SP8089	T03-8074AU (RFS)
SP8089	21223928 (ROR)
SP8090	T03-8073AU (RFS)
SP8090	21222326 (ROR)
SP8090	T03-8076 (YORK)
SP8098	T03-8070
SP1324	T03-1122
FR23142	T03-1152
SP1482	T03-1271
FR24959	T03-7307
SP8001	T03-8001
SP0032	T03-AS0032

Notes

For further information contact your local PACCAR Parts dealership.

PART NUMBER CROSS REFERENCE
FREIGHTER

25.4

FREIGHTER PART NUMBER	PACCAR PART NUMBER
151-16512	T03-1452
161-08014	T03-1115
161-8002	T03-7326
203-02011	T03-UBF-125AU
203-02124	T03-3338
203-02149	T03-UBF-145AU
AXA0495	T03-7338
UXA0004	T03-1101
ULA5183	T03-1201HD
UXA0011	T03-1301-M
ULA7822	T03-1401HD
ULA1493	T03-7401AU

PART NUMBER CROSS REFERENCE
IVECO

25.5

IVECO PART NUMBER	PACCAR PART NUMBER
2001006C91	KN27000
HD50433-001P	60826-000
HD50433-002P	60826-000
HDA-20032	S-21140
HDA-6914	A-6914
HDB-11613	B-11613-2P
HDC20124	T03-C-20124
HDS-2770-2P	B-2770-2P
HDS-3646	S-3646
HDY506242	T03-1097
IT100557	90054630
IT008	T03-7410AU
IT008-1	T03-7412AU
IT008A	T03-7411AU
IT009	T03-7415AU
IT009A	T03-7418AU
IT013	T03-7401AU
IT013-1	T03-7402AU
IT013-3	T03-7403
IT1101	T03-1101
IT1101P	T03-1101-P
IT1102	T03-1102
IT1103	WT1103
IT1104	T03-1104
IT1105	T03-1105
IT1106	T03-1120
IT1112	T03-1134
IT1115	T03-1115
IT1151F	T03-1151
IT1182	KH690007
IT1183	KH690010
IT1190	KH690020
IT1195	0650-00
IT1195C	T03-1195-C
IT1196	T03-1196
IT1201HD	T03-1201HD
IT1202	T03-1204
IT1205S	T03-1225
IT1223	T03-1206
IT1301	T03-1301-M
IT1301P	T03-1301-P
IT1302	SP1302AU
IT1303	T03-1303
IT1306	T03-1313
IT1308	T03-1308-M
IT1308P	T03-1308-P
IT1309	T03-1309
IT1310N	TWT1315
IT1311	T03-1315
IT1401HD	T03-1401HD
IT1414	T03-1329
IT1417	T03-1306
IT4350	90555105
IT2366A	T03-UBA-145AU
IT2368A	E-UB5165-14
IT2369A	T03-8061
IT25038	T03-1140
IT25039	T03-1142
IT25047	T03-1147
IT25050	T03-1144
IT25054	T03-1145
IT25070	T03-1146
IT2545	HW48248AUS
IT2546	T03-8052
IT2842	T03-7481
IT2855	T03-1366
IT2875	T03-8003
IT2909	T03-7322
IT3001	T03-8020
IT3002A	T03-8051
IT3284A	T03-1374
IT3322	0203160600
IT3322A	0203169000
IT3323K	AS-0191
IT3324	0334015270
IT3325	0326015010
IT3325W	0332031270
IT3329	T03-8070
IT335	T03-7474
IT3358	0542942580
IT4352	464.006.100.0
IT453	T03-7438AU
IT453-1	T03-7439AU
IT4804	T03-3312
IT4805	T03-3313
IT4806	T03-3315
IT4814	T03-7319
IT4815	T03-7320
IT4825	T03-1316
IT4828	T03-1472
IT506226	T03-1250
IT506717	T03-4011
IT5259	T03-3308

Notes

For further information contact your local PACCAR Parts dealership.

PART NUMBER CROSS REFERENCE
IVECO

IVECO PART NUMBER	PACCAR PART NUMBER
IT610009	T03-1248
IT610012	61SB610366
IT610013	61SB610366
IT610043	T03-AS2501-P
IT610065/01	T03-RSFB01
IT6406	T03-1356
IT6428	1927
IT6529	KH600006/415
IT6801	T03-3330
IT6815	KH600014
IT7448	T03-7432AU
IT7448	T03-7453AU
IT7452	T03-7454
IT7627-470	T03-1360
IT787673	T03-4014
IT787803	T03-4013
IT787805/10	T03-1251
IT787921	T03-4002

IVECO PART NUMBER	PACCAR PART NUMBER
IT7901	T03-7477
IT7902	T03-7473
IT8207	FW68-0502R
IT8208	FW68-0502L
IT8208	KH900001
IT82103	KH900032
IT82129-565	T03-1369
IT8216A	KH690027
IT8216B	KH690025
IT8227	KH600003/495
IT9051	98734-101
IT9055	B-2066
IT9056	T03-AS3180-A
IT9057	T03-AS3233-A
IT9058	T03-AS2501-B
IT9059	T03-AS2502-B
IT9060G	0542942570
IT9061G	0542942580

IVECO PART NUMBER	PACCAR PART NUMBER
IT9062	S-21208
IT9063	T03-AS2235-A
IT9068	1R13-097
IT9070G	0542942560
IT9071	TRP21221307
IT9072	S-21208
ITP227	91-2227
ITP42550	0237021800
ITP53024	0237228302
N2040E	90555105
NE90054007	90054007
NE90054630	90054630
NE90054670	90054670
NE90554241	90555105
NE90554243	90555105
NE90554271	90555106
NE90554273	90554273
ZPDP53024	0237228302

PART NUMBER CROSS REFERENCE
KRUEGER

KRUEGER PART NUMBER	PACCAR PART NUMBER
29-3067-1	293067
29-5029-1	29-5029.1
295099	29-5099.A
991903	T03-0506
29-5038-1.L	T03-1140
29-5053-2	T03-1141
295039	T03-1142
29-5050-3	T03-1144

KRUEGER PART NUMBER	PACCAR PART NUMBER
29-5054-1	T03-1145
29-5070-2	T03-1146
295047	T03-1147
29-5057-5	T03-1280
295327-1	T03-4031
295327-2	T03-4032
29-5032-1.C	T03-7332
29-5032-2.C	T03-7333

KRUEGER PART NUMBER	PACCAR PART NUMBER
29-5027.B	T03-7340
340992	T03-7360
295200	T03-7368
295003	T03-7369
295201	T03-7370
295007	T03-7371
295029	T03-8016

Notes

For further information contact your local PACCAR Parts dealership.

PART NUMBER CROSS REFERENCE
REYCO

25.7

REYCO PART NUMBER	PACCAR PART NUMBER
0001-14	T03-1209
0045-00	T03-1472
0075-20	T03-1316
0079-01	T03-7477
0079-02	T03-7473
0084-00	T03-3312
0086-00	T03-3315
0088-00	T03-3313
0178-01-2	T03-7471
0178-03	T03-7462
0178-03-1	T03-7464
0178-03-2	T03-7465
0178-06-1	T03-7466
0178-06-2	T03-7467
0274-01	T03-1210
0330-00	T03-7469
0330-00-2	T03-7472
0335-00	T03-7474
0375-00	T03-7481

REYCO PART NUMBER	PACCAR PART NUMBER
0538-00	T03-7322
0637-00	T03-7323
0678-00	T03-1317
0694-00	T03-7476
0836-01	T03-7319
0836-02	T03-7320
0836-03	T03-7321
0858-00	T03-7324
08757-01	T03-7317
09686-01	T03-1333
09729-01	T03-1308-M
12884-01	T03-AS3061-A
14172-02	T03-1198
15016-01	T03-1337
15017-01	T03-1336
15019-01	T03-1338
15179-01	T03-1331
1600-02	T03-7479
1601-02	T03-7480

REYCO PART NUMBER	PACCAR PART NUMBER
18813-01	T03-AS2235-A
19860-01	T03-1319
19860-02	T03-1320
19982-01	T03-7316
20018-01	T03-AS2235-A
20141-01	T03-1334
20476-01	T03-3309
20478-A	T03-3307
20482-A	T03-7318
21725-01	T03-1196
T1842	TWT1315
T2106	T03-1203
T2224	T03-1329
T2243	T03-1209 or E-9350 (KIT)
T5427	T03-1196
T5564	T03-3308
T7175	T03-8003
T7453	T03-7460

PART NUMBER CROSS REFERENCE
SAF HOLLAND AND YORK

25.8

SAF HOLLAND AND YORK PART NUMBER	PACCAR PART NUMBER
59770705	T03-7415AU
59770706	T03-7410AU
59900001	KH900001
59900002	T03-3330
59900003	KH600014
59900007	KH690007
59900010	KH690010
59900013	T03-1201HD
59900017	T03-1350
59900018	T03-1349
59900020	KH690020
59900024L	FW68-0502L
59900024R	FW68-0502R
59900025	KH690025
59900027	KH690027
59900032	KH900032

SAF HOLLAND AND YORK PART NUMBER	PACCAR PART NUMBER
59900033/01	T03-1356
59900033/02	1927
59900033/03	KH600006/415
59900035	T03-3332DB
59900036	T03-1189
59900037	KH690037
59900049	T03-7308
59901002	T03-5500
59901004	T03-5507
59901007	T03-8051
59901008	T03-8052
59901012	T03-1401HD
59901018	T03-1308-M
59901019	T03-1301-M
59901019-P	T03-1301-P
59901020	T03-1101

SAF HOLLAND AND YORK PART NUMBER	PACCAR PART NUMBER
59901020-P	T03-1101-P
59901100/470	KH600003/470
59901100/495	KH600003/495
59901100/565	T03-1421
59901101/315	T03-UBB-125AU
59901101/370	T03-UBB-145AU
61505859	T03-AS3233-A
61505859/01	T03-AS3233-A
61506226	T03-1250
61506226	T03-1250
61506227	T03-1281
61506242	T03-1097
61506243	T03-AS3180-A
61506243/01	T03-AS3180-A
61506324	T03-AS506324
61506470/30	T03-1247

Notes

For further information contact your local PACCAR Parts dealership.

PART NUMBER CROSS REFERENCE
SAF HOLLAND AND YORK

SAF HOLLAND AND YORK PART NUMBER	PACCAR PART NUMBER
61506717/01	T03-4011
61506717/02	T03-4012
61507121	T03-3357
61507570	T03-7351
61507741/03	T03-3359
61507741/04	T03-3360
61610001/01	T03-3365L
61610001/02	T03-3365R
61610008	T03-1249
61610012	61SB610366
61610013	61SB610366
61610014/01	T03-7353
61610014/01	T03-7357L
61610014/02	T03-7354
61610014/02	T03-7357R
61610033/01	T03-7355L
61610033/02	T03-7355R
61610043	T03-AS2501-P
61610049	T03-AS2501-B
61610050	T03-AS2502-B
61610052	T03-610052
61610053	P1075
61610065/01	T03-RSFB01
61610065/01	T03-610065/01
61610065/02	T03-RSFB02
61610065/03	T03-RSFB03
61610065/05	T03-RSFB04
61610071/02	T03-7356R
61610121	T03-AS610121
61610129	T03-4015
61610186/01	T03-7361L
61610186/02	T03-7361R
61610188/01	T03-7359L
61610188/02	T03-7359R
61610181	61610181
61610205	T03-61610205
61610207/01	T03-3366L
61610207/02	T03-3366R
61610208/01	T03-3367L
61610208/02	T03-3367R
61610209/01	T03-3368L
61610209/02	T03-3368R

SAF HOLLAND AND YORK PART NUMBER	PACCAR PART NUMBER
61610234/02	T03-4023
61610411	61610477
61610442	61610442/B0GE
61610442	61610442/K0N1
61754448	T03-1246
61786827	90555105
61786827	KN27000
61786866/1170	T03-RS1170
61786866/1270	T03-RS1270
61786866/1370	T03-RS1370
61786866/970	T03-RS970
61786908	0201150300
61786910	T03-1701
61787669	T03-3361
61787673	T03-4014
61787800	T03-7350
61787803	T03-4013
61787804	T03-7352P1N
61787805	T03-3362
61787805/1	T03-3363
61787805/10	T03-1279
61787805/11	T03-1251
61787805/2	T03-3364
61787808	T03-7352
61787820	T03-AS787820
61787830	T03-7352W
61787921	T03-4002
61787922	T03-4015
61SB506245	T03-8076
61SB506245/270	T03-8075
61SB506247	T03-1245
61SB507570	T03-7351
61SB610009	T03-1248
61SB786152	T03-4005
61SB786153	T03-4010
2501047	T03-2501047
2501177	T03-2501177
2501186	T03-2501186
2501187	T03-2501187
2501188	T03-2501188
2501190	T03-2501190
2501192	T03-2501192

SAF HOLLAND AND YORK PART NUMBER	PACCAR PART NUMBER
2501193	T03-2501193
2501194	T03-2501194
2501195	T03-2501195
2501196	T03-2501196
2501205	T03-2501205
2501211	T03-2501211
2501213	T03-2501213
2501215	T03-2501215
2501216	T03-2501216
2501217	T03-2501217
2501225	T03-2501225
2501226	T03-2501226
2501227	T03-2501227
2501228	T03-2501228
2501231	T03-2501231
2501232	T03-2501232
2501233	T03-2501233
2501234	T03-2501234
2501235	T03-2501235
2501236	T03-2501236
2501238	T03-2501238
2501249	T03-2501249
2501250	T03-2501250
2501316	T03-2501316
2501318	T03-2501318
2501471	T03-2501471
59900049	T03-7338
61506226	T03-1250
61506227	T03-1281
61506242	T03-1097
61610008	T03-1249
61610052	T03-610052
61610121	T03-AS610121
61787803	T03-4013
61787804	T03-7352P1N
61787921	T03-4002
617878056	61787805/6
1101200100	1101200100S
1101200100	T03-1260
1123000101	T03-1261
2376003100	T03-4009
3228104100	3228104100S

Notes

For further information contact your local PACCAR Parts dealership.

PART NUMBER CROSS REFERENCE
SAF HOLLAND AND YORK

25.8

SAF HOLLAND AND YORK PART NUMBER	PACCAR PART NUMBER
3341104819	3341104819S
4177301000	4177301000
4177301000	T03-1111
4247402280	4247402280S
4247402280	T03-1264
4331502900	4331502900S
4343104888	T03-1263
4343280210	4343280210S
4343280410	4343280410S
4405207100	4405207100S
6150622502	61506225/02
6150647030	61506470/30
6150671701	T03-4011
6150671702	T03-4012
6161006501	T03-RSFB01
6161006502	T03-RSFB02

SAF HOLLAND AND YORK PART NUMBER	PACCAR PART NUMBER
6161006503	T03-RSFB03
6161006505	T03-RSFB04
6161006506	61610065/06
6161020701	T03-3366L
6161020702	T03-3366R
6161023401	T03-4023
6161023402	T03-4015
6161023402	T03-4023B
6161040001	61610400/01
6161040002	61610400/02
6161040401	61610404/01
6161047801	61610478
6178780510	T03-1279
6178780511	T03-1251
61610414202	61610414/2/02
61610414401	61610414/4/01

SAF HOLLAND AND YORK PART NUMBER	PACCAR PART NUMBER
61786866970	T03-RS970
2501186M	T03-2501186M
61610442BOGE	61610442/B0GE
617868661070	T03-RS1070
617868661170	T03-RS1170
617868661270	T03-RS1270
617868661370	T03-RS1370
617868661570	61786866/1570
61SB506245270	T03-8075
61SB506245290	61SB506245/290
61SB506245320	T03-8076
61SB61036501	61SB610365/01
61SB61036502	61SB610365/02
61SB787800	T03-7350
61SB787808	T03-7352
61SB787830	T03-7352W

PART NUMBER CROSS REFERENCE
SINCLAIR

25.9

SINCLAIR PART NUMBER	PACCAR PART NUMBER
SF0001	KH900001
SF0002	T03-3330
SF0003	KH600014
SF0007	KH690007
SF0010	KH690010
SF0013	T03-1201HD
SF0020	KH690020
SF0024	FW68-0502L
SF0024A	FW68-0502R
SF0025	KH690025

SINCLAIR PART NUMBER	PACCAR PART NUMBER
SF0027	KH690027
SF0028	KH600003/495
SF0030	KH600003/470
SF0032	KH900032
SF0033	1927
SF0034	T03-1356
SF0035	T03-3332DB
SF0036	T03-1189
SF0037	KH690037
SF1007	T03-8051

SINCLAIR PART NUMBER	PACCAR PART NUMBER
SF1008	T03-8052
SF1012	T03-1401HD
SF1014	T03-7410AU
SF1015	T03-7415AU
SF1016	T03-7411AU
SF1017	T03-7418AU
SF1019	T03-1301-M
SF1020	T03-1101

Notes

For further information contact your local PACCAR Parts dealership.

PART NUMBER CROSS REFERENCE
SX TRAILERS

SX TRAILERS PART NUMBER	PACCAR PART NUMBER
AIR-B-1R11-039	61610122
AIR-B-1R12-547	T03-AS2501-P
AIR-B-1R14-059	T03-AS3180-A
AIR-B-1R14-061	T03-AS3233-A
FRT-203-00021	T03-1104
FRT-203-01360	T03-1208
FRT-203-01453	T03-7438AU
HDW-B-0500-13	T03-0506
HDW-NYF-0500	K169-143-080CA
HDW-NYF-1000-14T	K169-143-164CA
HDW-WH-0625	49FWH5/8
SXT-09-1704	T03-1315
SXT-09-9156	T03-1301-M
SXT-09-9156	T03-1301-M
SXT-09-9163	T03-1308-M
SXT-09-9166	T03-1329
SXT-09-9167	T03-8052
SXT-09-9205	T03-1101
SXT-09-9240	T03-1401HD
SXT-09-9253	T03-1401HD
SXT-09-9258	K041-701-550
SXT-09-9268	1927
SXT-09-9269	T03-1356
SXT-09-9270	KH600003/470
SXT-09-9272	KH600003/495
SXT-09-9274	FW68-0502R
SXT-09-9275	FW68-0502L
SXT-09-9302	T03-1201HD
SXT-09-9303	T03-1201HD
SXT-09-9304	T03-1223
SXT-09-9365	KH690007
SXT-09-9369	KH690010
SXT-09-9375	T03-3330
SXT-09-9378	KH900001
SXT-09-9381	KH600014
SXT-09-9386	KH690025
SXT-09-9387	KH690027
SXT-09-9405	T03-7401AU
SXT-09-9406	T03-7402AU
SXT-09-9407	T03-7403
SXT-09-9408	T03-7404
SXT-09-9423	T03-7410AU

SX TRAILERS PART NUMBER	PACCAR PART NUMBER
SXT-09-9424	T03-7411AU
SXT-09-9425	T03-7412AU
SXT-09-9429	T03-7415AU
SXT-09-9430	T03-7418AU
SXT-09-9884	KH900032
SXT-10-0001	T03-UBB-155AU
SXT-10-0003	T03-UBA-135
SXT-10-0004	T03-UBA-155AU
SXT-10-0015	T03-8051
SXT-10-0016	T03-8052
SXT-10-0017	T03-8020
SXT-10-0018	HW48248AUS
SXT-19-1002	T03-3308
SXT-19-1003	T03-3309
SXT-19-1004	T03-3309
SXT-19-1303	T03-8003
SXT-19-1702	T03-1366
SXT-19-1706	K041-628-700
SXT-19-3000	T03-3312
SXT-19-3001	T03-3313
SXT-19-3002	T03-3315
SXT-19-3100	T03-7462
SXT-19-3101	T03-7464
SXT-19-3102	T03-7465
SXT-19-3300	T03-7319
SXT-19-3301	T03-7320
SXT-19-3302	T03-7321
SXT-19-3305	T03-7322
SXT-19-3602	T03-1134HD
SXT-19-3604	T03-1209
SXT-19-3605	T03-1210
SXT-19-3701	T03-1316
SXT-19-3705	T03-1337
SXT-19-3706	T03-1319
SXT-19-3707	T03-1320
SYM-LNM12	49LNM12
YRK-12175055	49HBM12175055
YRK-12175065	49HBM12175065
YRK-12175070	49CSM12175070
YRK-12175080	49SHM12175080
YRK-207570	T03-7350
YRK-506196	61790542

SX TRAILERS PART NUMBER	PACCAR PART NUMBER
YRK-506225-01	61506225/01
YRK-506225-02	61506225/02
YRK-506226	T03-1250
YRK-506227	T03-1281
YRK-506234	61506234
YRK-506235	T03-8077
YRK-506242	T03-1097
YRK-506245-270	T03-8075
YRK-506245-290	61SB506245/290
YRK-506245-320	T03-8076
YRK-506248	61506248
YRK-506247	T03-1245
YRK-506284	61506284
YRK-506294	61506234
YRK-506717-01	T03-4011
YRK-506717-02	T03-4012
YRK-5/8UNC300	49HB5/8UNC3.25
YRK-610001-01	T03-3365L
YRK-610001-02	T03-3365R
YRK-610008	T03-1249
YRK-610012	61SB610366
YRK-610013	61SB610366
YRK-610014-01	T03-7357L
YRK-610014-02	T03-7357R
YRK-610033-01	T03-7355L
YRK-610033-02	T03-7355R
YRK-610043	T03-AS2501-P
YRK-610049	T03-AS2501-B
YRK-610050	T03-AS2502-B
YRK-610052	T03-610052
YRK-610053	P1075
YRK-610054	61610054
YRK-610065-01	T03-RSFB01
YRK-610065-02	T03-RSFB02
YRK-610065-03	T03-RSFB03
YRK-610067	61610067
YRK-610071-02	T03-7356R
YRK-610205	T03-61610205
YRK-786152	T03-4005
YRK-786153	T03-4010
YRK-786154	61SB786154
YRK-786155	61SB786155

Notes

For further information contact your local PACCAR Parts dealership.

PART NUMBER CROSS REFERENCE
SX TRAILERS

25.10

SX TRAILERS PART NUMBER	PACCAR PART NUMBER
YRK-786157	61SB786157
YRK-787673	T03-4014
YRK-787800	T03-7351
YRK-787801	61787801
YRK-787803	T03-4013
YRK-787804	T03-7352P1N

SX TRAILERS PART NUMBER	PACCAR PART NUMBER
YRK-787805-10	T03-1279
YRK-787805-11	T03-1251
YRK-787807	61787807
YRK-787808	T03-7352
YRK-787830	T03-7352W
YRK-787832	61792342

SX TRAILERS PART NUMBER	PACCAR PART NUMBER
YRK-787837	T03-4014S
YRK-787921	T03-4002
YRK-LNM12	49LNM12
YRK-SB610009	T03-1248
YRK-FWM12	49FWM12
YRK-SWM12	49SWM12

PART NUMBER CROSS REFERENCE
WABCO

25.11

WABCO PART NUMBER	PACCAR PART NUMBER
4334010030	0201150300

Notes

For further information contact your local PACCAR Parts dealership.

PART NUMBER CROSS REFERENCE
WATTS

WATTS PART NUMBER	PACCAR PART NUMBER
0035-11	T03-1319
0035-12	T03-1320
08017P	T03-1210
15173-01	T03-1374
1FW	T03-1452
203-01094	T03-1151
203-02124	T03-3338
3/4UBFW	HW48248AUS
3/4UNF-DEEP	T03-8020
7/8UBFW	T03-8052
CB10-1/2	T03-7455
CB5-1/2	T03-7446
CB6-1/2	T03-7447AU
CB6-3/8	T03-7448
CB7-3/8	T03-7451
CB7-7/16	T03-7450
CB8-1/2	T03-7453AU
CB8-3/8	T03-7534
FI-9	T03-7438AU
FI-9-1	T03-7439AU
GT1101	T03-1101SP
MCG-14	T03-7420
R08	T03-7410AU
R08-1	T03-7412AU
R09	T03-7415AU
SF0007	KH690007
SF0009	KH600014
SF0010	KH690010
SF0020	KH690020
SF0024	FW68-0502L
SF0024A	FW68-0502R
SF0028	KH600003/495
SF0032	KH900032
SF0033	1927
SF0034	T03-1356
SF0073	KH900001
T2293	T03-1331

WATTS PART NUMBER	PACCAR PART NUMBER
T5479	T03-1334
T7635	T03-1366
U135-5-7/8R	T03-UBC-135AU
U14-3-7/8R	T03-UBA-145AU
U145-5-7/8R	T03-UBB-145AU
U155-5-7/8R	T03-UBB-155AU
U165-5-7/8R	T03-UBB-165AU
ULA13696-1	0252207412
WT1002	T03-1196
WT1002	T03-1196
WT1004	0650-00
WT1004C	T03-1195-C
WT1099	T03-1151
WT1101	T03-1101
WT1101U	T03-1101-P
WT1102	T03-1102
WT1103	WT1103
WT1104	T03-1104
WT1105	T03-1105
WT1106	T03-1120
WT1112A	T03-1134HD
WT1112S	T03-1134
WT1113	0203160600
WT1113-S	0203169000
WT1116	61SB610366
WT1117	61SB610366
WT1118	T03-1097
WT1201C	T03-1201HD
WT1202	T03-1204
WT1203	T03-1208
WT1205S	T03-1225
WT1212	T03-1223
WT1219	T03-5505
WT1221	3344/TW
WT1223	T03-1206
WT1225	T03-1209
WT1301	T03-1301-M

WATTS PART NUMBER	PACCAR PART NUMBER
WT1301U	T03-1301-P
WT1302	SP1302AU
WT1303	T03-1303
WT1303	T03-1303
WT1306	T03-1313
WT1308	T03-1308-M
WT1309	T03-1309
WT1310	TWT1315
WT1311	T03-1315
WT1380	T03-1421
WT1381	KH600003/470
WT1401C	T03-1401HD
WT1404	T03-1407
WT1414	T03-1329
WT1415	E-1166
WT1416	T03-1405
WT1417	T03-1306
WT1450	T03-0331
WT1604	T03-UBA-145AU
WT1606	T03-8051
WT1710	KH690027
WT1711	KH690025
WT1800	S-21208
WT1801	T03-C-20124
WT1802	0542942570
WT1802-1	0542942580
WT1806	T03-AS3233-A
WT1807	T03-AS3180-A
WT1808	TRP21221307
WT1809	0542942560
WT1810	0237228302
WT1819	T03-AS2501-B
WTI-13	T03-7401AU
WTI-13-1	T03-7402AU
WTI-13-3	T03-7403
WTI-8	T03-7404

Notes

For further information contact your local PACCAR Parts dealership.

NOTES

PART NUMBERS INDEX

PART NO.	CH	PAGE
1925	17.2, 17.5, 23.1	33, 37, 69, 349
1927	17.2, 17.5, 23.1	33, 37, 69, 349
48248	17.4, 17.6	51, 73
123840	18.4, 20.2	135, 137, 139, 141, 143, 145, 147, 149, 151, 335
250812	18.11	259, 267
0251907	18.6	165, 169
293067	18.9	201, 205
295001	18.9	209
295049	18.9	209, 213
299380	18.9	201, 205
814955	18.9	213
912400	18.4	135, 137
2501223	18.4	149, 151
2501224	18.4	147
2501237	18.4	147
2501258	18.4	141
21222221	18.6	165, 169, 175, 177
21222231	18.6	165, 167, 169, 173, 180
21222234	18.6	161
21222239	19.2	165, 318
21222243	18.6	165, 169, 173, 177, 183
21222255	18.6	165, 183
21222262	18.6	165, 169, 177, 181
21222287	18.6	165, 169, 175, 177, 181
21222326	18.6	165, 183
21222329	18.6	179, 181
21222330	18.6	171, 173
21222395	18.6	169, 173, 177, 181
21222442	18.6, 19.2	169, 173, 177, 181, 317
21222609	18.6, 19.1	165, 175, 177, 181, 313
21222906	18.6	173, 179
21222923	18.6	173, 177, 183
21223608	18.6	181
21223928	18.6, 20.2	169, 173, 177, 335
21224376	18.6	173
21224386	18.6	175
21224436	18.6	161
21224437	18.6	161
21224461	18.6	179, 183
21224663	18.6	181
21224664	18.6	179
21224745	18.6	161
21225499	18.6	161
21228663	18.6	175
21228664	18.6	175
61506234	18.13	289
61506248	18.13	289
61506250	18.13	309
61506284	18.13	289
61610054	18.13	299, 301
61610067	18.13	299, 305
61610122	18.13	297
61610122	18.13	297
61610128	18.13	301
61610156	18.13	303, 309
61610464	18.13, 20.2	307, 337
61610477	18.13	307, 309
61610478	18.13	307, 309
61787688	18.13	289
61787801	18.13	293, 368
61787805	18.13	295
61787806	18.13	293
61787807	18.13	293, 368
61790542	18.13	289, 293
61792120	18.13	307
61792123	18.13	307, 309
61792342	18.13	294
90001215	18.7	191
90001216	18.7	191
90008147	18.7	185, 187, 189, 191, 193
90008185	18.7	189, 191, 193
90008238	18.7	189, 191, 193
90028047	18.7	185
90028083	18.7	185
90036177	18.7	185, 187, 189, 191, 193
90044089	18.7	187
90044625	18.7	185
90044794	18.7	187
90045040	18.7	187
90045054	18.7	187
90045337	18.7, 20.1, 20.2	185, 187, 193, 330, 335
90045338	18.7, 20.1, 20.2	189, 191, 330, 335
90045534	18.7, 20.1, 20.2	191, 330, 335
90501261	18.7	191
90501262	18.7	191
90501289	18.7	187
90501290	18.7	187
90508004	18.7	185, 187, 189, 191, 193
90508019	18.7	189, 191, 193
90516500	18.7	187
90516501	18.7	187
90516566	18.7	191
90516567	18.7	191
90557009	18.7	185
90557023	18.7, 19.2	185, 314
90557112	18.7	187
90557113	18.7, 19.2	185, 314
90557117	18.7, 19.2	187, 189, 193, 314
90557118	18.7, 19.2	187, 189, 314

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
90557156	18.7, 19.2	191, 316
90557167	18.7, 19.2	191, 316
90557168	18.7, 19.2	191, 316
93201051	18.7	187, 189, 191, 193
93201055	18.7	185, 187, 189, 191, 193
93400506	18.7	185, 187, 189, 191, 193
99510003	18.6	165, 169, 173, 179, 183
99510004	18.6	169, 173, 179
99513007	18.6	165, 167, 169, 173, 177, 181
99513008	18.6	165, 169, 173, 177, 181
99513009	18.6	167, 183
99526000	18.6	165, 183
99526002	18.6	169, 173, 179
99527002	18.6	167, 181, 183
99527004	18.6	165, 167, 169, 173, 177, 181
99528001	18.6	169, 173, 177
203160600	18.2, 19.1	89, 93, 97, 313
0203169000	18.2, 19.1	85, 89, 93, 97, 313
237021802	18.2, 20.1, 20.2	97, 105, 330, 334
0237021802	18.2, 20.2	97, 105, 334
0237228302	18.2, 20.1, 20.2	85, 89, 93, 105, 330, 334
237228302	18.2, 20.1, 20.2	85, 89, 93, 105, 330, 334
0243120400	18.2	91
243122500	18.2	87, 91, 95, 99
0250234980	18.2	105
0250709500	18.2	101
0250709600	18.2	101
0252207412	18.2	85, 87, 89, 91, 93, 95, 97, 99, 105, 107
0252733380	18.2, 18.6	87, 91, 95, 99, 101, 165, 169
0254012507	18.2, 18.4	85, 89, 93, 97, 107, 135, 137, 139, 141, 143, 145, 147, 149, 151
0254013101	18.2	87, 91, 95, 99
0262016101	18.2	87, 91, 95, 99
0308474430	18.2	107
0311323010	18.2	87, 91, 95, 99
0313841014	18.2	107
0313841174	18.2	85, 89
0313841194	18.2	107
0313844084	18.2	93, 97
0314525380	18.2	107
0316435010	18.2	87, 91, 95, 99
0316435020	18.2	87
0317903080	18.2	101
0326015010	18.2	85, 89, 93, 97
0328095020	18.2	101
0328095030	18.2	101
0328154180	18.2	87, 91, 95, 99
0331031380	18.2	105
0332031270	18.2	85, 89, 93, 97
0332034530	18.2	87, 91, 95, 99
0334012230	18.2	101
0334012240	18.2	101
0334014190	18.2	105
0334015270	18.2	85, 89, 93, 97
0334102180	18.2	85, 91, 93, 97
0334105050	18.2	87
0508212830	18.2	97
0508213180	18.2	93
0508213190	18.2	91, 93
0508213240	18.2	97
0508213590	18.2	85, 91
0511396050	23.2	351
0513939510	18.2	101
0513939520	18.2	93, 97, 101
0513939580	18.2	85, 89, 101
0514525070	18.2	107
0514525460	18.2	107
0532714010	18.2	87, 91, 95, 99
0532714020	18.2	87, 91, 95, 99
0532714030	18.2	87, 91, 95, 99
0532714050	18.2	87, 91, 95, 99
0532714060	18.2	87, 91, 95, 99
0532714070	18.2	87, 91, 95, 99
0532714080	18.2	87, 91, 95, 99
0532714090	18.2	87, 91, 95, 99
0532714100	18.2	87, 91, 95, 99
0532714110	18.2	87, 91, 95, 99
0532714120	18.2	87, 91, 95, 99
0532714140	18.2	87, 91, 95, 99
0532714180	18.2	87, 91, 95, 99
0532714190	18.2	87, 91, 95, 99
0532714200	18.2	87, 91, 95, 99
0532714210	18.2	87, 91, 95, 99
0534830050	18.2, 18.9	87, 91, 95, 213
0537544308	18.2	109
0537544318	18.2	109
0537544328	18.2	109
0537544458	18.2	109
0537544468	18.2	109
0537544478	18.2	109
0539726030	18.2	87, 91, 95, 99
0542942560	18.2, 19.2	85, 101, 316
0542942570	18.2, 19.2	85, 89, 101, 315

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
0542942580	18.2, 19.2	93, 97, 101, 315
0542943650	18.2	85, 89, 101
0542943660	18.2	85, 89, 101
0542943690	18.2	93, 97, 101
0580109730	18.2	85, 89
0580109740	18.2	85, 89
0580121320	18.2	93, 97
1010036802	18.11	263
1010044500	18.11	261
1043026101	18.11	257, 265, 271
1043032700	18.11	257, 263
1043032800	18.11	257, 263
1097000800	18.11	271
1097001100	18.11	257, 263
1331017700	18.11	255, 263
1331020400	18.11	255
1345000703	18.11	253, 261
1345003000	18.11	253, 261
1345100502	18.11	253
1345100901	18.11	261
1350008610	18.11	259, 267
1350008800	18.11	267
1350008810	18.11	259
1402006401	18.11	255, 263
1402006501	18.11	255, 263
1402007101	18.11	255, 263
1402007201	18.11	255, 263
2010043701	18.11	263
2010043801	18.11	263
2043028900	18.11	257, 265
2043029000	18.11	257, 265
2183075101	18.11	253, 261
2183075201	18.11	253, 261
2183075301	18.11	253, 261
2183075401	18.11	253, 261
2183075500	18.11	253, 261
2183075600	18.11	253, 261
2183082502	18.11	269
2183082602	18.11	269
2183082701	18.11	269
2183082801	18.11	269
2183083000	18.11	269
2183083100	18.11	269
2183083200	18.11	269

PART NO.	CH	PAGE
2237007001	18.11	257, 265
2237007101	18.11	259, 265
2237007201	18.11	259
2237008001	18.11	259
2350009701	18.11	267
2350009801	18.11	267
2350012600	18.11	267
2350020000	18.11	267
2350020100	18.11	265
2376002600	18.11	255
2376002700	18.11	263
2376008400	18.11	269
2376008500	18.11, 20.2	269, 336
2376502600	18.11, 20.1	255, 331
2376507000	18.11, 20.2	269, 336
2376507100	18.11, 20.2	269, 336
2376507200	18.11, 20.2	269, 336
3044105400	18.11	271
3155104800	18.11	261
3155108600	18.11	261
3155108700	18.11	253
3228002700	18.11	257, 265
3228002900	18.11	247, 249, 251, 257, 265
3228103300	18.11	271
3228104200	18.11	271
3341280210	18.11	269
4141000300	18.11	257, 265
4177301000	18.11, 19.1	253, 261, 313
4208200100	18.11	253, 261
4247401280	18.11	257
4247404080	18.11	259, 263, 255
4342000460	18.11	257, 265
4342004710	18.11	255, 263
4343100788	18.11	257, 265
4343105388	18.11	269
4343203488	18.11	255, 263
4343203700	18.11	257, 265
4343280310	18.11	271
4343500888	18.11	257, 265, 271
S-31623	18.3	113, 115, 117, 121, 123, 133

PART NO.	CH	PAGE
T03-1201HD	17.2, 17.3, 17.4, 17.6, 24.2	35, 39, 45, 51, 53, 57, 73, 354
T03-1401AU	17.4, 17.6	47, 55, 71
T03-1401HD	17.2, 17.3, 17.4, 17.6, 24.2	33, 37, 43, 47, 51, 53, 55, 71, 355
″ T03-1120″	17.4, 24.1	51, 353
0203169K1T	18.2	85, 89, 93, 97
0311302060TS	18.2	85, 89, 97
0328136140AL2	18.2	107
0328136140AL2US	18.2	107
'0334102180	18.2	85, 91, 93, 97
0650-00	17.5, 24.3	69, 357
10430261015	18.11	271
11012001005	18.11	253, 261, 269
11230001015	18.11	269
12846052005	18.12	274
14020069015	18.11	255, 263
1R11-866	18.9	227, 231, 235, 239
1R12-352	18.10, 19.2	243, 245, 314
2010042901M	18.11	255
2010043001M	18.11	255
2010045300M	18.11	253, 263
2010045400M	18.11	255, 263
21222230PK10	18.6	167, 173, 177, 179, 181, 183
21222923PK50	18.6	165, 173, 177, 183
21227883L	18.6	169, 173
21227883R	18.6	169, 173
22370080015	18.11	271
22370081015	18.11	271
22370082015	18.11	271
29.5254.1	18.9	213
29-4028.A	18.9	201, 205
29-4029.A	18.9	201, 205
29-5003	18.9	225
29-5007	18.9	233

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
29-5014	18.9	203, 207, 209, 213, 217, 227, 231, 235, 239
29-5014.A	18.9	203, 207
29-5014-4.B	18.9	227, 231, 235, 239
29-5017	18.9	221
29-5027.G	18.9	233
29-5031	18.9	217, 221
29-5031.C	18.9	201, 203, 205
29-5031-7.A	18.9	227, 231, 235, 239
29-5032-1	18.9	201
29-5032-2	18.9	203
29-5036	18.9	209, 215, 217, 221
29-5036.A	18.9	203, 207
29-5037-1	18.9	209, 217
29-5037-A	18.9	203, 207
29-5040.C	18.9	203, 207
29-5041.C	18.9	203, 207
29-5043.A	18.9	203, 207
29-5044	18.9	211, 215, 219, 223
29-5044.A	18.9	203, 207
29-5045	18.9	211, 215, 219, 223
29-5045.A	18.9	203, 207
29-5046	18.9	211, 215, 219
29-5046.A	18.9	203, 207
29-5050-2	18.9	211, 215, 217, 223
29-5053-4	18.9	211, 215, 217, 221
29-5064	18.9	211, 219
29-5064.B	18.9	207
29-5065	18.9	211, 215, 219, 223
29-5071.A	18.9	207
29-5071.C	18.9	203, 207
29-5071-2.A	18.9	230, 231, 235, 239
29-5086	18.9	221, 229
29-5086-E	18.9	229, 237
29-5094.A	18.9	203
29-5094-4.A	18.9	227, 231, 235, 239
29-5094-A	18.9	207
29-5099.A	18.9	203, 207

PART NO.	CH	PAGE
29-5145-2	18.9	209, 213, 217, 221
29-5147-1	18.9	211, 215, 219, 223
29-5147-1A	18.9	225, 229, 233, 237
29-5167-1.F	18.9	235, 239
29-5169-1.G	18.9	225, 229, 233, 237
29-5169-2.G	18.9	225, 233, 237
29-5171-1.D	18.9	225, 229, 233, 237
29-5171-2.D	18.9	225, 229, 233, 237
29-5172-1.D	18.9	225, 229, 233, 237
29-5172-2.D	18.9	225, 229, 233
29-5210	18.9	203, 215, 221
29-5210.A	18.9	207
29-5211	18.9	215, 223
29-5211.A	18.9	203, 207
29-5327-3.A	18.9	233, 237
29-5327-4.A	18.9	233, 237
29-5329	18.9	211, 215, 219, 223
29-5330	18.9	209, 213, 217, 221, 225, 229, 235, 239
29-5333-3.A	18.9	225, 229
29-5333-3L	18.9	213
29-5333-3R	18.9	209, 213
29-5333-4.A	18.9	225, 229
29-5333-R	18.9	209
29-5339-1	18.9	209, 213, 217, 221
29-5339-1.A	18.9	225, 229, 235, 239
29-5342-1.C	18.9	225, 229, 233, 237
3155102701S	18.11	253
3155103501S	18.11	253
3228104100S	18.11	271
3229003100S	18.11	257, 265
3341104819S	18.11	253, 261, 269

PART NO.	CH	PAGE
4141000600S	18.11	269
4177301000S	18.11	313
4177302800S	18.11	269
4247400780S	18.11	271
4247402280S	18.11	253, 261, 269
4247404410S	18.11	269, 271
4247404710S	18.11	271
4331502900S	18.11	269
4343103688S	18.11	271
4343104888S	18.11	253, 261, 269
4343280210S	18.11	269
4343280410S	18.11	271
4405207100S	18.11	253, 261
49CSM12175070	18.13	289
49FWH5/8	18.13	299, 303
49FWM12	18.13	173, 299, 303
49HB1/2UNC1.50	18.13	303, 309
49HB5/8UNC3.25	18.13	299, 303
49HBM12175030	18.13	299, 289, 293, 299
49HBM12175055	18.13	293
49HBM12175065	18.13	293
49HBM24300100	18.13	307
49LNM12	18.13	173, 289, 293
49LNM24	18.13	309
49LNM30	18.13	307, 309
49LNT1/2UNC	18.13	305, 309
49LNT3/4UNF	18.13	305, 309
49SHM12175080	18.13	289
49SW1/2	18.13	303, 309
49SWM12	18.13	289, 293, 299, 303
57977-103	18.13	121, 125
59-5045.A	18.9	203, 207
60502-000-P	18.13	121, 125
61506225/01	18.13	289, 295
61506225/02	18.13	289, 295
61506470/30	18.13	289, 295
61610065/06	18.13	303
61610067/1	18.13	305
61610196/01	18.13	303, 305

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
61610196/02	18.13	303
61610197/01	18.13	303
61610197/02	18.13	303
61610197/06	18.13	309
61610197/07	18.13	309
61610400/01	18.13	307
61610400/02	18.13	307
61610404/01	18.13	307
61610414/1/01	18.13	307
61610414/1/02	18.13	307
61610414/2/01	18.13	307
61610414/2/02	18.13	307
61610414/3/01	18.13	307
61610414/3/02	18.13	307
61610414/4/01	18.13	307
61610414/4/02	18.13	307
61610442/B0GE	18.13, 20.1	307, 332
61786866/1570	18.13	289
61787805/3	18.13	295
61787805/5	18.13	295
61787805/6	18.13	295
61SB506245/290	18.13	293
61SB506247	18.13	307, 309
61SB610365/01	18.13	297, 301
61SB610365/02	18.13	297, 301
61SB610366	18.13	297, 301
61SB610477	18.13	307, 309
61SB786154	18.13	291
61SB786155	18.13	291
61SB786157	18.13	297, 303
61SB787801	18.13	293
7052-25-2671	18.4, 18.5, 18.9, 20.2	135, 137, 139, 141, 143, 145, 147, 149, 151, 155, 159, 201, 205, 209, 213, 217, 221, 227, 231, 235, 239, 335, 336
88-1564	18.13, 20.1, 20.2	297, 301, 332, 337
90-2024SP1	18.2, 19.1, 20.2	97, 313, 334
90-2319SP1	18.2, 20.1, 20.2	113, 335
90-2396SP1	18.3, 18.10, 20.1, 20.2	113, 117, 243, 245, 330, 331, 335, 336
90557168	18.7, 19.2	191, 316
91-2207	18.2, 20.1, 20.2	85, 89, 93, 330, 331, 334
91-2227	18.4	135, 137, 139, 141, 143
91-2400	18.4, 18.9, 20.2	141, 205, 209, 213, 221, 335
91-2542	18.13, 20.1, 20.2	287, 332, 337
91-2641SP1	18.3	121
91-2756	18.13, 20.1, 20.2	293, 307, 332, 337
98111-103	18.3, 18.3	121, 127
98690-001	18.3	133
98734-101	18.3	117, 131
98918-001	18.3	113, 117, 121, 125
98918-002	18.3	121, 125
98941-006-8P	18.3, 20.2	113, 115, 117, 121, 125, 127, 129, 335
99-3108	18.9	211, 215, 219, 223, 225, 229, 233, 237
A-13123L-8P	18.3	131
A-20031	18.3	113, 117
A-20033P	18.3	113, 115, 117
A-31624	18.3	113, 115, 117, 121, 125, 133
A-4084	18.3, 20.1, 20.2	129, 330, 335
A-6914	18.3	113, 117, 129, 131
AS0001	18.2	85, 89, 93
AS0002	18.2	85, 89, 93, 105
AS0025/4310	18.2	85, 89, 93
AS0025/4540	18.2	85, 89, 93
AS-0191	18.2	85, 89, 93, 97
AS3046A	18.12	281
B-11613-2P	18.3	113, 115, 117, 121, 125, 127, 129, 131
B-2066	18.3, 18.8, 19.2	129, 197, 316
B-20701	18.3	113, 115, 119
B-20905	18.3	123, 127
B-2770-2P	18.3	113, 117, 129, 131
B-3647-1	18.3	131
B-3647-2	18.3	131
B-3830	18.3, 18.8, 19.2	113, 197, 317
B-4771	19.2	317
C-20069	18.3	119
C-20124	18.3, 19.2	113, 319, 319
C-20127	18.3, 19.2	115, 317
C-20335-1	18.3	113
C-20335-2	18.3	113
C-20901	18.3, 19.2	121, 317
C-20924	18.3	113, 115, 117, 121, 125, 133
C-20925	18.3	113, 115, 117, 121, 125, 133
C-21784	18.3, 19.2	121, 317
C-21824	18.3	113, 115, 117, 121, 125, 129, 131
D-20186-1	18.3	117
D-20186-2	18.3	117
E-1166	17.5, 24.2	59, 63, 355
E-1967	24.2	355
E-1968	24.2	355
E-1969	24.2	355
E-2843	24.3	357
E-3978	24.3	357
FW68-0502L	17.2, 17.6, 23.1	33, 39, 71, 349
FW68-0502R	17.2, 17.6, 23.1	33, 39, 71, 349

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
HW48248AUS	17.4	53, 57
K041-578-300	17.4, 17.5	57, 59, 63, 67
K041-578-450	17.5	69
K041-578-500	17.5	69
K041-578-550	17.4	47, 57
K041-701-550	17.2, 17.5, 24.2	33, 37, 67, 354
K169-143-080CA	17.2, 17.5 17.6	35, 39, 61, 63, 71, 73
K169-143-108CA	17.4, 17.5	47, 57, 59, 63, 67, 69
K169-143-144CA	17.2, 17.4, 17.5, 24.2	33, 37, 47, 67, 354
K169-143-164CA	17.4, 24.2	51, 354
KH10147	20.1, 20.2	331, 336
KH17300	20.1, 20.2	331, 336
KH337	18.5	155, 159
KH600003/380	17.2, 23.1	37, 349
KH600003/395	17.2, 23.1	33, 349
KH600003/470	17.2, 23.1	33, 37, 39, 349
KH600003/495	17.2, 17.6, 23.1	33, 71, 349
KH600003/565	17.2, 17.6, 23.1	33, 71, 349
KH600006/415	17.2, 17.6, 23.1	35, 71, 349
KH600012	17.2	33
KH600013	17.2	33
KH600014	17.2	33, 41
KH600066	17.2	33
KH690007	17.2, 17.6, 24.3	35, 39, 73, 357
KH690010	17.2, 17.6, 24.3	35, 39, 73, 357
KH690020	17.1	35, 39, 73, 357
KH690025	17.1	35
KH690027	17.2, 17.6	35, 39, 73
KH690036	17.1	37
KH690037	17.2	37
KH690038	17.2	41
KH690089	17.2	37
KH900026	17.2	33
KH900032	17.2	33
KHAS003	18.5	159
KHAS009	18.5	155, 161
KHAS010	18.5	155, 159
KHAS011-W	18.5	155, 161
KHAS012	18.5	159
KHAS015	17.1	155, 159
KHAS018	17.1	157, 161
KHAS020	18.5	155
KHAS024	18.5	159
KHAS025	18.5	157
KHAS028	18.5	157
KHAS029	18.5	159
KHAS033-380F	18.5	159
KHAS033-380FDS	18.5	159
KHAS033405F	18.5	155, 159
KHAS033405FDS	18.5	155, 159
KHAS033-430F	18.5	159
KHAS034	18.5	155, 159
KHAS036-2	18.5	155, 161
KHAS039AL	18.5	157, 161
KHAS039AR	18.5	157, 161
KHAS041	18.5	155, 159
KHAS043	18.5	155
KHAS046	18.5	157, 161
KHAS046-2	18.5	161
KHAS046-5	18.5	161
KHAS046-6	18.5	161
KHAS047-1	18.5	155, 159
KHAS050250F	18.5	155
KHAS054-1	18.5	155, 159
KHAS057	18.5	155, 159
KHAS058BKT	18.5	155, 159
KHAS075	18.5, 18.9	155, 159, 219
KHAS-11-070	18.5	157, 161
KHAS-9-080	18.5	157, 161
M12X110X1.75	18.5	157
M12X4X2.5	18.5	157
P1075	18.13, 20.1, 20.2	297, 299, 332, 337
P185	18.13, 20.1, 20.2	287, 331, 332, 337
P42052	18.13	297
P52449	18.13, 20.1, 20.2	287, 332, 337
PDB390K3	18.13	287
S-20886	18.3, 20.1, 20.2	131, 330, 335
S-20889	18.3, 20.1, 20.2	117, 127, 332, 335
S-21099-4P	18.3	113, 115, 117, 121, 125
S-21140	18.3	113, 115, 119
S-21208	18.3, 18.8, 19.2	117, 199, 314, 318
S-21699	18.3, 20.1, 20.2	113, 212, 127, 331, 335
S-21800	18.3	127
S-22302-6	18.3	123
S-22510-1	18.3	123, 127
S-22510-2	18.3	123
S-22510-3	18.3	123
S-22619	18.3	121, 125
S-22630	18.3	121, 127
S-22631	18.3	121
S-22632	18.3	121
S-23086-10	18.3	115
S-23086-5	18.3	115
S-23294	18.3	125
S-23611	18.3, 19.2	125, 315
S-23612	18.3, 19.2	125, 315
S-23721	18.3, 19.2	125, 127, 315
S-23743	18.3, 20.1, 20.2	115, 330, 335
S-23744	18.3, 20.1, 20.2	115, 330, 335
S-24021	18.3	121
S-24023	18.3, 20.1, 20.2	113, 125, 331, 335
S-24024	18.3	115
S-24186-1	18.3	115
S-24186-2	18.3	115
S-24579	18.3, 20.1, 20.2	125, 330, 335

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
S-24757	18.3	125
S-26824	18.3	117
S-27614-1	18.3	117
S-27614-2	18.3	117
S-28400-1L	18.3	127
S-28400-1R	18.3	127
S-31622	18.3	127
S-31623	18.3	113, 115, 117, 121, 125, 133
S-31625	18.3	113, 115, 117, 121, 125
S-31628	18.3	127
S-3646	18.3	113, 117, 129, 131
SA005TRP	18.10, 20.1, 20.2	243, 245, 330, 331, 336
SA007TRP	18.13, 20.1, 20.2	301, 331, 332, 337
SA009TRP	18.13, 20.1, 20.2	293, 331, 332, 337
SA013TRP	18.2, 20.1	97, 330
SA014TRP	18.2, 20.1, 20.2	85, 89, 93, 330, 331, 334
SAF2924V	18.11	249, 251
SP1302AU	23.2	350
T03-0331	24.2	354
T03-0505	17.2, 17.5, 17.6	35, 39, 61, 63, 73
T03-0506	17.2, 17.2, 17.6	35, 39, 71
T03-0542943350	19.2	316
T03-0542943360	19.2	315
T03-0542943420	19.2	315
T03-1097	18.13, 19.1	287, 293, 313
T03-1101	17.2, 17.3, 17.4, 17.6, 24.1	35, 39, 45, 57, 73, 352
T03-1101-M	17.2, 17.3, 17.4, 17.6, 24.1	35, 39, 45, 57, 73, 352
T03-1101-P	17.2, 17.3, 17.4, 17.6, 24.1	35, 39, 45, 57, 73, 352
T03-1101SP	17.2, 17.3, 17.4, 17.6, 24.1	35, 39, 45, 57, 73, 352
T03-1102	24.1	352
T03-1104	24.1	352, 357
T03-1105	17.4, 24.1	51, 352
T03-1106	17.4, 24.1	51, 53, 352
T03-1107	17.4, 24.1	51, 53, 352, 353
T03-1111	18.11, 19.1	247, 249, 251, 313
T03-1112	18.2	85, 89, 93, 97
T03-1115	17.7, 24.1	75, 353
T03-1115P	17.7, 24.1	75, 353
T03-1120	17.7, 24.1	51, 352, 353
T03-1122	18.6	169
T03-1123	18.8	197, 199
T03-1124	18.8	197, 199
T03-1127	18.7	185, 187, 189, 193
T03-1128	18.7	187, 189, 191, 193
T03-1134	24.1	67, 353, 357
T03-1134HD	24.1	67, 353, 357
T03-1140	18.9	201, 205, 211, 215, 217, 223, 225, 229, 233, 237
T03-1141	18.9	201, 205
T03-1142	18.9	201, 205, 211, 215, 217, 223, 225, 229, 233, 237
T03-1144	18.9	201, 205
T03-1145	18.9	201, 205, 211, 215, 219, 223
T03-1146	18.9	201, 205, 211, 215, 219, 223, 227, 231, 235, 239
T03-1147	18.9	201, 205, 211, 215, 219, 223
T03-1151	24.3	357
T03-1152	17.4	47
T03-1193	17.5	69
T03-1195-C	17.5, 24.3	69, 357
T03-1196	24.3	61, 63
T03-1198	17.5	61
T03-1201AU	17.2, 17.3, 17.4	35, 45, 53, 57
T03-1201HD	17.2, 17.3, 17.4	35, 45, 53, 57
T03-1203	17.5	61, 63
T03-1204	24.2	354
T03-1205	17.4, 24.2	47, 354
T03-1206	17.4, 24.2	47, 354
T03-1209	17.5, 24.2	69, 354
T03-1210	17.5, 24.2	69, 354
T03-1211	17.5	69
T03-1223	17.2, 17.3, 17.4, 17.6, 24.2	35, 39, 45, 57, 73, 354
T03-1231	24.2	355
T03-1245	18.13	287, 293
T03-1248	18.13	297, 301
T03-1249	18.13	297, 301
T03-1250	18.13	287, 289
T03-1251	18.13	293
T03-1252	18.1	243
T03-1256	18.1	243
T03-1258	18.1	243
T03-1259	18.1	243
T03-1260	18.11	247, 249
T03-1261	18.11	247, 249, 253, 261
T03-1262	18.11	247, 249, 252
T03-1263	18.11	247, 249, 251
T03-1264	18.11	247, 249, 251
T03-1271	18.6	169, 175, 177, 181
T03-1272	18.8	197, 199
T03-1273	18.8	197, 199
T03-1274	18.8	197, 199
T03-1275	18.8	197, 199
T03-1276	18.8	197, 199

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
T03-1277	18.8	197, 199
T03-1278	18.8	197, 199
T03-1279	18.13	293
T03-1280	18.9	201, 205
T03-1281	18.13	289
T03-1301-M	17.2, 17.3, 17.4, 17.6, 23.1	33, 37, 43, 47, 55, 71, 349
T03-1301-P	17.2, 17.3, 17.4, 17.6, 23.1	33, 37, 43, 47, 55, 71, 349
T03-1301SP	17.2, 17.3, 17.4, 17.6, 23.1	33, 37, 43, 47, 55, 71, 349
T03-1303	23.2	350
T03-1306	17.4, 23.2	51, 351
T03-1308-M	17.2, 17.5, 23.1, 23.2	33, 37, 67, 349, 350
T03-1308-P	17.2, 17.5, 23.1, 23.2	33, 37, 67, 349, 350
T03-1308-PST	17.1, 17.2, 17.3, 17.4, 17.5, 23.1, 23.2	33, 37, 67, 349, 350
T03-1313	17.1, 17.2, 17.3, 17.4, 17.5, 23.1, 23.2	51, 351
T03-1315	17.1, 17.2, 17.3, 17.4, 17.5, 23.1, 23.2	59, 63, 349, 351
T03-1316	17.5	67
T03-1317	17.5, 23.1	67, 349
T03-1319	17.5	67
T03-1320	17.5	67
T03-1329	17.5, 24.2	59, 63, 355
T03-1331	17.5, 23.1	59, 63, 349
T03-1332	17.5, 17.5	59, 63
T03-1333	17.5, 23.1	59, 349
T03-1334	17.5	59, 63
T03-1335	17.5	59, 63
T03-1336	17.5	59, 63
T03-1337	17.5	59, 63
T03-1338	17.5	59, 63
T03-1339	17.5	59, 67
T03-1366	17.5, 23.1	59, 63, 349
T03-1401AU	17.4, 17.6	47, 55, 71
T03-1401HD	17.2, 17.3, 17.4, 17.6, 24.2	33, 37, 43, 47, 51, 53, 55, 71, 355
T03-1405	17.5, 24.2	59, 63, 355
T03-1452	17.2, 17.3, 17.4, 17.6, 24.2	33, 37, 43, 47, 51, 53, 55, 71, 355
T03-2501047	18.4	135, 137, 139, 147, 149, 151
T03-2501107	18.4	147, 149, 151
T03-2501133	17.1, 17.2, 17.3, 17.4, 17.5, 23.1, 23.2	139, 141, 143
T03-2501177	18.4	149
T03-2501186	18.4	141, 143, 145
T03-2501186M	18.4	141, 143, 145
T03-2501186S	18.4	141, 143, 145
T03-2501187	18.4	137
T03-2501188	18.4	135, 139
T03-2501190	18.4	135, 137, 139, 141, 143, 145, 147
T03-2501192	18.4, 20.1, 20.2	135, 137, 139, 141, 143, 145, 147, 149, 151, 330, 335
T03-2501193	18.4, 20.2	135, 137, 139, 141, 143, 145, 147, 149, 151, 335
T03-2501194	18.4	141, 143, 145
T03-2501195	18.4	137, 149
T03-2501196	18.4	135, 139, 147, 151
T03-2501205	18.4	141, 143, 145
T03-2501211	18.4	141, 143, 145
T03-2501213	18.4	141, 143, 145, 147, 149, 151
T03-2501215	18.4	135, 143, 145, 147
T03-2501216	18.4	137, 139, 149, 151
T03-2501217	18.4	137, 139, 149, 151
T03-2501225	18.4	141, 143, 145
T03-2501226	18.4	137, 139, 141, 143, 145, 147, 149, 151
T03-2501227	18.4	135, 137, 139, 141, 143, 145, 147, 149, 151
T03-2501228	18.4	135, 137, 139, 141
T03-2501231	18.4	141, 143
T03-2501232	18.4	145
T03-2501233	18.4	135, 137, 147, 149, 151
T03-2501234	18.4	135, 137, 139, 141, 143, 145, 147, 149, 151
T03-2501235	18.4	135, 137, 139
T03-2501236	18.4	135, 137, 147, 149, 151
T03-2501238	18.4	135, 137, 139, 141, 143, 145, 147, 149, 151
T03-2501249	18.4	135, 137, 139, 141, 143, 145, 147, 149, 151

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
T03-2501250	18.4	135, 137, 139, 147, 149, 151
T03-2501316	18.4	135, 137, 139, 141, 143, 145, 147, 149, 151
T03-2501318	18.4	135, 135, 137, 139, 141, 143, 145, 147, 149, 151
T03-2501471	18.4	147, 149, 151
T03-3307	17.5	59
T03-3308	17.5	59
T03-3309	17.5	59
T03-3310	17.5	63
T03-3311	17.5	63
T03-3312	17.5	67
T03-3313	17.5	67
T03-3315	17.5	67
T03-3338	17.4	51
T03-3363	18.13	295
T03-3364	18.13	295
T03-3365L	18.13	299
T03-3365R	18.13	299
T03-3366L	18.13	303
T03-3366R	18.13	303
T03-3367L	18.13	303
T03-3367R	18.13	303
T03-3368L	18.13	303
T03-3368R	18.13	303
T03-4001	18.10, 20.1, 20.2	243, 245, 331, 336
T03-4002	18.13, 20.2	287, 293, 295, 337
T03-4004	18.4, 18.9, 20.2	135, 137, 139, 141, 143, 145, 147, 149, 151, 201, 205, 335, 336
T03-4005	18.13	287, 293
T03-4007	18.11, 20.1, 20.2	249, 331, 336
T03-4008	18.11, 20.1, 20.2	247, 331, 336
T03-4009	18.11, 20.1, 20.2	251, 263, 331, 336
T03-4010	18.13	287, 293
T03-4011	18.13, 20.1, 20.2	287, 332, 337
T03-4012	18.13, 20.1, 20.2	287, 332, 337
T03-4013	18.13, 20.1, 20.2	293, 332, 337
T03-4014	18.13, 20.2	287, 337
T03-4014S	18.13	287
T03-4015	18.13, 20.2	297, 337
T03-4023	18.13, 20.2	301, 337
T03-4023B	18.13, 20.2	301, 337
T03-4024	18.8, 18.13, 20.2	197, 199, 301, 335
T03-4025	18.8, 20.1, 20.2	197, 331, 335
T03-4031	18.9	203
T03-4032	18.9	203
T03-5505	17.2, 17.3, 17.4, 17.6, 24.2	33, 35, 37, 39, 43, 45, 47, 51, 53, 55, 57, 71, 73, 354
T03-610052	18.13, 20.1, 20.2	297, 301, 332, 337
T03-61610205	18.13	299, 303
T03-7307	17.4	47, 57
T03-7315	17.5	61, 63
T03-7316	17.5	61
T03-7317	17.5	61
T03-7318	17.5	65
T03-7319	17.5	69
T03-7320	17.5	69
T03-7321	17.5	69
T03-7322	17.5	69
T03-7323	17.5	69
T03-7324	17.5	69
T03-7332	18.9	205
T03-7333	18.9	207
T03-7334	17.5	69
T03-7338	17.2, 17.3, 17.6	35, 45, 73
T03-7340	18.9	201, 205
T03-7350	18.13	287
T03-7351	18.13	287
T03-7352	18.13	293
T03-7352P1N	18.13	293
T03-7352W	18.13	293
T03-7353T	18.13	299
T03-7355L	18.13	297
T03-7355R	18.13	297
T03-7357L	18.13	297
T03-7357R	18.13	297
T03-7359L	18.13	301
T03-7359R	18.13	301
T03-7360	18.9	203, 207
T03-7361L	18.13	303
T03-7361R	18.13	303
T03-7366	18.9	201, 205, 221
T03-7368	18.9	205, 213
T03-7369	18.9	205, 209, 217, 221
T03-7370	18.9	201, 229, 237
T03-7371	18.9	201
T03-7372	18.6	169, 179
T03-7373	18.6	181
T03-7378L	18.1	243
T03-7378R	18.1	243
T03-7401AU	17.3, 21.1	45, 339
T03-7410AU	17.2, 17.6, 21.1	35, 41, 73, 339
T03-7411AU	17.2, 21.1	35, 41, 339
T03-7415AU	17.2, 21.1	35, 41, 339
T03-7418AU	17.2, 21.1	35, 41, 339
T03-7438AU	17.4, 21.1	49, 53, 57, 339
T03-7438HDAU	17.4, 21.1	49, 53, 57, 339
T03-7458	17.5	61, 65
T03-7462	17.5	69
T03-7463	17.5	69
T03-7481	17.5	69
T03-8001	17.6	73
T03-8003	17.5	61
T03-8006	17.5	69
T03-8016	18.9, 18.9, 18.9, 18.9	205, 209, 213, 217

PART NUMBERS INDEX CONTINUED

PART NO.	CH	PAGE
T03-8020	17.4, 17.4, 22.2	53, 57, 345
T03-8051	17.2, 17.3, 17.4, 17.5, 17.6, 22.2	35, 41, 45, 49, 61, 65, 69, 73, 345
T03-8052	17.2, 17.3, 17.4, 17.5, 17.6, 24.2	33, 35, 37, 41, 45, 47, 49, 61, 65, 69, 73, 355
T03-8073	18.9	201, 205, 209, 213, 217, 221, 225, 229
T03-8073AU	18.9	225, 229
T03-8074	18.9	201, 205
T03-8075	18.13	293
T03-8076	18.13	289, 293
T03-8077	18.13	289
T03-AS0006	19.2	317
T03-AS0007	18.8	199
T03-AS0008	18.8	199
T03-AS0009	19.2	317
T03-AS0028	19.2	317
T03-AS0030	19.2	318
T03-AS0032	18.6	169, 177
T03-AS2501-B	18.13, 19.2	297, 301, 315
T03-AS2502-B	18.13, 19.2	297, 315
T03-AS3052-A	18.6, 18.9	169, 201, 205
T03-AS3115-A	18.9	227, 231, 235, 239
T03-AS3125-A	18.6	161
T03-AS3186-A	19.2	318
T03-AS3187-A	18.13	309
T03-AS3233-A	18.6, 18.13	165, 287
T03-AS506324	18.13	289
T03-AS610121	18.13	301
T03-AS787820	18.13	293
T03-C-20010	19.2	318
T03-C-20124	19.2	318
T03-RS1070	18.13	289
T03-RS1170	18.13	289
T03-RS1270	18.13	289
T03-RS1370	18.13	289
T03-RS970	18.13	289
T03-RSFB01	18.13	299, 303
T03-RSFB02	18.13	299, 303
T03-RSFB03	18.13	299, 303
T03-RSFB04	18.13	299, 303
T03-UBA-135	17.5, 22.2	69, 345
T03-UBB-10AU	17.5, 22.2	65, 345
T03-UBB-125AU	17.2, 17.3, 17.5, 17.6, 22.2	35, 41, 45, 61, 73, 345
T03-UBB-135AU	17.5, 22.2	69, 345
T03-UBD-145AU	17.4, 22.2	49, 345
T03-UBF-135AU	17.4, 22.2	57, 345
T03-UBF-145AU	17.4, 22.2	57, 345
TRP21221307	18.4, 18.6, 18.9, 22.2, 19.2	135, 137, 139, 147, 149, 151, 177, 209, 213, 217, 221, 227, 231, 235, 239, 316, 316
TRP8027	18.4	141, 143, 145
TWT1315	23.2	351
WB001M24B064	18.12	275, 277
WB001M24B077	18.12	281, 283
WC17297	20.1, 20.2	331, 336
WC234264	18.4, 18.12, 19.1	135, 137, 139, 141, 143, 145, 147, 149, 151, 275, 277, 281, 283, 313
WC270602	18.12, 18.12	275, 277, 283
WC270614	18.12	281, 283
WC275126	18.12	275, 277, 281, 283
WC275128	18.12	275, 277, 281, 283
WC275603	18.12	281, 283
WC275612	18.12	275, 277
WC281082	18.12	285
WC290140	18.12	275, 277, 281, 283
WC300657	18.12	275, 277, 281, 283
WC300951	18.12	275, 277, 281, 283
WC301348	18.12	275, 277, 281, 283
WC330021	18.12	275, 277, 281, 283
WC330063	18.12	275, 277, 281, 283
WC401227D	18.12	275, 277, 281, 283
WD8A91-2643W	18.12, 20.2	275, 277, 281, 283, 333, 336
WF001A037GE75	18.4	137
WF001A137DE75	18.6	283
WF001A137DG75	18.6, 18.12	175, 281
WF001A437HE75	18.12	277
WF001A437HG75	18.4, 18.12	147, 151, 275
WT1103	17.4, 24.1	47, 353
WUBM27N006ZN	18.12	275, 277, 281, 283
WUS07364F	18.12	275, 277, 281, 283
WUT001A45A285	18.12	279, 285
WUT001A45A310	18.12	275, 279, 281, 285
WUT001A45A335	18.12	279, 285
WUT001C45A285	18.12	275, 277, 283
WUT001C45A310	18.12	277, 281, 283
WUT001C45A335	18.12	277, 283
WUT003A19K	18.12	285
WUT003A24K	18.12	275, 277
WUT005001A73A	18.12	277, 283
WUT005A54A	18.12	275, 281
WUT006001A78A	18.12	275, 281
WUT006001L78A	18.12	277, 283
WUT006001R78A	18.12	277, 283
WUT009A09G	18.12	275, 277, 281, 283
WUT010A04K	18.12	275, 277, 281, 283
WUT010A06K	18.12	275, 277, 281, 283
WUT011A00E022	18.12	277, 285
WUT011A00E042	18.12	279, 285
WUT996A04B	18.12	275, 279, 281, 285
X1-250AXLE.1	18.3	121
XBAS0004	18.11	259, 267