

TABLE OF CONTENTS

STEMCO Overview

In-Field Support & Purpose	Page 02
----------------------------	---------

Quick Reference Guides

Truck Steer Axles	Page 03
Truck Drive & Lift Axles	Page 04
Trailer Axle	Page 05-06

Wheel End Products

Wheel Seals – Hub Installed	Page 08
Wheel Seals – Axle Installed & Grease Seals	Page 09
Bearing – Heavy-Duty Matched Sets	Page 10
Bearing – Premium Wheel End & Auto-TORQ Kits	Page 11
Axle Fasteners – Pro-TORQ & Zip-TORQ Nuts	Page 12
Axle Fasteners – Auto-TORQ & Socket Range	Page 13
Bearing Adjustment – Pro-TORQ & Zip-TORQ	Page 14
Bearing Adjustment – Auto-TORQ	Page 15
Hub Caps – Truck & Trailer Range	Page 16
Hub Caps – Spare Parts	Page 17
Gaskets – Hub Cap & Drive Axle	Page 18
Spacers – Spacer-Tech System	Page 19
Tooling – Wheel End Tooling	Page 20

Steering Products

Kingpin – PlusKit No-Ream Bronze Kits	Page 22
Kingpin – QwikKit No-Ream Spiral Kits	Page 23
Kingpin – EconoKit & QwikXtract System	Page 24
Tie Rod – QwikTie Adjustable	Page 25
Tooling – Steering Tooling	Page 26

SVT Mileage Solutions

SVT – Gatereader System	Page 28
Hubodometer – Mechanical & Electronic	Page 29
Hubodometer – Tyre Revolutions	Page 30
Hubodometer – Brackets & Mounts	Page 31
SVT – Programmers & Solutions	Page 32

Suspension Products

Air Springs – Truck	Page 34
Air Springs – Cabin & Lift Axle	Page 35
Air Springs – Trailer	Page 36
Torque Rods – Assemblies	Page 38
Bushing – Misc. Truck & Trailer Components	Page 39
Bushing & Schematic – Trailer Suspension	Page 40-41
Bushing & Schematic – Hendrickson	Page 42-45
Bushing & Schematic – NeWay Suspension	Page 46-47
Bushing – Kenworth & DAF Trucks	Page 48-50
Schematic – KW Steer, Big 6 & AirGlide	Page 51-52
Bushing – Freightliner, Sterling & Western Star	Page 53-55
Schematic – Airliner, TufTrac & Steer Axles	Page 56
Bushing – CAT, IVECO & International Trucks	Page 57
Bushing & Schematic – Mack & Volvo	Page 58-59
Tooling – Bush Installation & Removal Tools	Page 60

Pro-One Extreme Lubricants

XPL-101 Spray Lubricant	Page 62-63
Fuel Maximizer	Page 64-65
Heavy Duty Oil Stabilizer	Page 66-67
Gold EP-2 Grease	Page 68-69
Gold EP-1 Grease	Page 70
Heavy Duty Hub Oil	Page 71
Hydraulic & Steering Treatment	Page 72

STEMCO Territories & Contacts

Contact Directory	Page 73
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Helping Industry Become; More Safe, More Productive, More Sustainable

Our Purpose is to help the Transport Industry to become More Safe, More Productive and More Sustainable.

STEMCO **WHEEL END™**

PRODUCT CLINIC

- Techniques to increase seal life
- Axle Fasteners - Double Nut, Pro-Torq, Zip-Torq & Auto-Torq
- Adjustment procedures
- Proper hub fill rates
- Wheel end venting & pressure
- Complete wheel end break down & rebuild
- Trouble-shooting & inspection

STEMCO **STEERING PRODUCTS™**

PRODUCT CLINIC

- King pin replacement for QWIKKIT® and PLUSKIT®
- Heavy Duty Universal QWIKTIE
- Complete King Pin & Tie Rod break down and rebuild
- Trouble-shooting & inspection

GOODYEAR **AIR SPRINGS GAFF™** **SUSPENSION PRODUCTS**

PRODUCT CLINIC

GOODYEAR AIR SPRINGS

- Superior rubber components
- Truck & Trailer air springs

GAFF POLYURETHANE PRODUCTS

- Polyurethane components
- Spring pin & bush assemblies
- Truck & Trailer mounts
- Trouble-shooting & inspection

SVT

STEMCO® VEHICLE TECHNOLOGY MILEAGE SOLUTIONS

- Hubodometers & mounts
- Mileage management
- Tyre pressure & temperature monitoring
- Asset tracking

**SCAN THE QR CODE
TO BOOK A CLINIC**

STEMCO Product Clinic Register



STEER AXLE APPLICATION

STEER AXLE QUICK REFERENCE		FF 5.5T - 6.6T			FFHD 5.5T - 6.6T		FL 6.8T - 9.0T
		HENDRICKSON AIRTEK STEEERTEK SOFTEK	DANA I SERIES E SERIES (SOME) MERITOR FG SERIES MFS13-14 MFS-66	DANA EFA10-13 E SERIES (SOME) MERITOR FE SERIES FF SERIES	MACK FA SERIES (SOME)	MERITOR FFHD KW	DANA D SERIES EFA18-24 DETROIT DA-F 7.3T MERITOR FH & FL SERIES MFS16-22 MFS73-75
BEARING SETS	INNER SET	SET413STM			SET413STM		SET423STM
	OUTER SET	SET406STM			SET409STM		SET424STM
WHEELS SEALS	VOYAGER	383-0136			383-0139	383-0136	383-0164
	DISCOVER XR	383-0436			383-8139	383-0436	383-0464
	GUARDIAN HP	308-0836			(BUSH & SEAL)	308-0836	308-0864
WHEEL BEARING KIT	INNER & OUTER BEARING SETS WITH VOYAGER	KIT-102STM				KIT-KWSTM	KIT-104STM
AXLE NUT ASSEMBLY	PRO-TORQ ASSY	448-4836		448-4837	448-4839 (NLA)		448-4865
	P-T KEEPER RING	450-4836		450-4837	450-4839		450-4865
	ZIP-TORQ ASSY	400-4836*		400-4837*			400-4865*
HUB CAPS	COMPOSITE		366-4024 (4-1/2" BCD)		366-4009 (5-1/2" BCD)		366-4009
	ALUMINUM	343-4346	343-4024 (4-1/2" BCD)		343-4281 (5-1/2" BCD)		343-4281
HUB CAP PARTS	GASKET	330-3024	330-3024 (4-1/2" BCD)		330-3009 (5-1/2" BCD)		330-3009
	RED RUBBER PLUG	359-5990	359-5990		359-5990		359-5990
	ESP+ PLUG	359-6124	359-6124		359-6124		359-6124
	WINDOW KIT	359-5999	359-5999 (4-1/2" BCD)		359-5995 (5-1/2" BCD)		359-5995
TIE ROD ASSEMBLY	QWIKTIE ASSY (ADJUSTABLE)	QT967SS (SMALL TAPER)	QT967SS (SMALL TAPER) (SOME DANA E-SERIES USE QT108SB)				QT108SB (LARGE TAPER)
KAISER NO-REAM	PLUSKIT NO-REAM BRONZE BUSH	50.121.08 ECONOKIT REAMABLE BRONZE BUSH HENDRICKSON	I108 I120 I130 70.141.19 I132 I140 I146	EFA10-13 70.122.05 E1200-1320	70.533.13 FA522-538 70.616.13 FA616-617	70.180.05 EFA18-24 70.201.19 D SERIES	78.931.12 FH-FL SERIES 70.180.18 MFS16-22 & 73*
		70.146.05 E1460 70.147.05 E1002-1462	77.931.12 FG SERIES & MFS12-14*	70.130.18 MFS13-14* 70.131.18 MFS12-14 & 66*	70.931.12 FF931-945* 70.961.12 FF941-967*		70.181.18 MFS16-20* 70.182.18 MFS18-20 & 75*
		K146E E1460 K147E E1002-1462	K140I I108 I120 I130 K141S I132 I140 I146	K120E EFA10-13 K122E E1200-1320	K533M FA522-538 K616M FA616-617	K160A DETROIT K180E EFA18-24	KH931L FH-FL SERIES K180R MFS16-22 & 73*
		K931L FF931-945* K961L FF941-967*	KG931R FG SERIES & MFS12-14*	K130R MFS13-14* K131R MFS12-14 & 66*	K201S D SERIES K536M MACK FXL	K181R MFS16-20* K182R MFS18-20 & 75*	
KING PIN KITS	QWIKKIT NO-REAM SPIRAL BUSH						

* **Axle Nuts:** Zip-TORQ can be used on conventional or PreSet wheel ends, each requiring different bearing adjustment procedures.

* **King Pins:** Axle models may vary between earlier and later serial numbers. You can confirm the correct kit by checking the type of end caps, king pin length, thrust bearing heigh and lock pin configuration. Check the STEMCO King Pin section for guidance & specifications.

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Australia
New Zealand
Papua New Guinea

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www.stemco.com.au

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DRIVE & LIFT AXLE APPLICATIONS

DRIVE AXLE QUICK REFERENCE		L	R	R	SW34	SW44
		DANA & MERITOR SINGLE AXLE	DANA DETROIT MERITOR	DANA & MERITOR UNCOMMON	MACK SW34	MACK SW44
BEARING SETS	INNER SET	SET411*	SET403STM	SET404STM	SET401STM*	SET421STM*
	OUTER SET	SET408*	SET401STM		SET402STM*	SET422STM*
WHEELS SEALS	VOYAGER	393-0112	393-0173		393-0103	393-0104
	DISCOVER XR		393-0473			
	GUARDIAN HP	309-0912	309-0973		309-0903	309-0904
WHEEL BEARING KIT	WITH VOYAGER		KIT-101STM			
	WITH GUARDIAN		KIT-106STM			
AXLE NUT ASSEMBLY	PRO-TORQ ASSY	449-4974	449-4973		449-4904	
	P-T KEEPER RING	450-4743	450-4973		450-4904	
	ZIP-TORQ ASSY		400-4973*		400-4904*	
AXLE SHAFT	GASKET	330-3109	330-3106		330-3110	

LIFT / TAG / STEERABLE AXLE QUICK REFERENCE		EXS	R	TM	TN/HN	TP/HP
		HENDRICKSON COMPOSITELITE EXS13 & EXS20	DANA R22BS MERITOR TR4670	STEFEN DEXTER IMT & TMC SELF STEER	HENDRICKSON HXL2 HXL5 TOUGHLIFT HLM-2	HENDRICKSON HXL2 HXL5 HXL7 TOUGHLIFT HLM-2 STEFEN SELF STEER
BEARING SETS	INNER SET	SET423STM	SET403STM	SET414STM		SET415STM
	OUTER SET	SET424STM	SET401STM	SET413STM		SET415STM
WHEELS SEALS	VOYAGER	383-0164	393-0173	373-0143		373-0123
	DISCOVER XR	383-0464	393-0473	373-0423		373-0423
	GUARDIAN HP	308-0864	309-0973	307-0743		307-0723
WHEEL BEARING KIT	WITH VOYAGER	KIT-104STM	KIT-101STM	KIT-103STM		KIT-105STM
	WITH GUARDIAN		KIT-106STM	KIT-110STM		KIT-109STM
AUTO-TORQ SEAL KIT	WTH VOYAGER				480-4743-VOY	480-4723-VOY
	WITH GUARDIAN				480-4743-GHP	480-4723-GHP
AUTO-TORQ BEARING KIT	WITH VOYAGER				KIT-TNATV	KIT-TPATV
	WITH GUARDIAN				KIT-TNATG	KIT-TPATG
AXLE NUT ASSEMBLY	PRO-TORQ ASSY	448-4865	449-4973		447-4743	447-4723
	P-T KEEPER RING	450-4865	450-4973		450-4743	450-4723
	ZIP-TORQ ASSY	400-4865*	400-4973*		400-4743*	400-4723*
HUB CAPS	COMPOSITE	366-4009		366-4009		366-4195
	ALUMINUM	343-4281	340-4119	343-4009		343-4195
HUB CAP PARTS	GASKET	330-3009	330-3106	330-3009		330-3118
	RED RUBBER PLUG	359-5990	359-5990	359-5990		359-5990
	ESP+ PLUG	359-6124	359-6124	359-6124		359-6124
	WINDOW KIT	359-5995	359-5995	359-5995		359-5995
KAISER NO-REAM KING PIN KITS	PLUSKIT	TBA	78.931.12	70.700.20	70.230.07	
	BRONZE BUSH	HENDRICKSON EXS	WATSON & CHALIN	DEXTER, IMT, TMC	KGI & HENDRICKSON KGS	
	QWIKKIT	TBA	KH931L	K700T	K230KG	
	SPIRAL BUSH	HENDRICKSON EXS	WATSON & CHALIN	DEXTER, IMT, TMC	KGI & HENDRICKSON KGS	

* **Axle Nuts:** Zip-TORQ can be used on conventional or PreSet wheel ends, each requiring different bearing adjustment procedures.

* **Bearings:** Part Numbers without the "STM" prefix are for reference purposes only. If two part numbers are listed, you must confirm the bearing part number due to difference in corner radii, Refer STEMCO Technical Publications for further guidance.

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TRAILER AXLE APPLICATIONS

TRAILER AXLE QUICK REFERENCE		TQ	TQ	TN	TP	UNITIZED
		SAF HOLLAND YORK 2800	FUWA K-HITCH FB24, KF75	TAPERED SPINDLE	PARALLEL SPINDLE	
BEARING SETS	INNER SET	SET317STM		SET414STM	SET415STM	
	OUTER SET	SET414STM	SET415STM	SET413STM	SET415STM	
WHEELS SEALS	VOYAGER			373-0143	373-0123	393-0173
	DISCOVER XR			373-0443	373-0423	393-0473
	GUARDIAN HP			307-043	307-0723	309-0973
	STM GREASE SEAL			STM-0743G	STM-0723G	
WHEEL BEARING KIT	WITH VOYAGER			KIT-103STM	KIT-105STM	
	WITH GUARDIAN			KIT-110STM	KIT-109STM	
	WITH STM GREASE			KIT-107STM	KIT-108STM	
AUTO-TORQ SEAL KIT	WTH VOYAGER			480-4743-VOY	480-4723-VOY	
	WITH GUARDIAN			480-4743-GHP	480-4723-GHP	
AUTO-TORQ BEARING KIT	WITH VOYAGER			KIT-TNATV	KIT-TPATV	
	WITH GUARDIAN			KIT-TNATG	KIT-TPATG	
AXLE NUT ASSEMBLY	PRO-TORQ ASSY			447-4743	447-4723	447-4724*
	P-T KEEPER RING			450-4743	450-4723	450-4724
	ZIP-TORQ ASSY			400-4743*	400-4723*	
HUB CAPS	STEEL: NON-VENTING			340-5097		
	STEEL: VENTING			340-5096		
	COMPOSITE			366-4009	340-4975* (THREADED CAP) 366-4195 (6 BOLT CAP)	
	ALLOY: SOLID VENTING			352-4009	340-4320* (THREADED CAP) 352-4195 (6 BOLT CAP)	
	ALLOY: RUBBER PLUG			343-4009	343-4075 (THREADED CAP) 343-4195 (6 BOLT CAP)	
HUB CAP PARTS	GASKET / O-RING			330-3009	330-3077 (THREADED CAP) 330-3118 (6 BOLT CAP)	
	RED RUBBER PLUG			359-5990	359-5990	
	ESP+ PLUG			359-6124	359-6124	
	WINDOW KIT			359-5995	359-5995	
HUBO MOUNTING OPTIONS	HUBCAP WITH VENTING			640-0001	640-0003 (THREADED CAP)	
	BOLT ON SHROUD	600-99AS (SUIT STEMCO ALLOY HUBCAP)				
	WELD ON SHROUD	600-99WELD (ANY STEEL CAP OR BRACKET)				
	MOUNT BRACKET	610-0011 (UNIVERSAL KIT)		610-0065 (6 BOLT CAP)	610-0084 (6 BOLT CAP)	610-0011 (UNIVERSAL KIT)

- * **Axle Nuts:** Zip-TORQ can be used on conventional or PreSet wheel ends, each requiring different bearing adjustment procedures. Pro-TORQ or Zip-TORQ can be used on Unitized wheel ends, but the OEM bearing adjustment procedure must be followed.
- * **Hub Caps:** 340-4320 is a solid aluminum, non-venting hub cap. 340-4975 is made of clear polycarbonate, not composite.

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TRAILER AXLE APPLICATIONS

TRAILER AXLE QUICK REFERENCE		BPW	J	TL	TL	KEDI
		NEW GEN, ECO, ECO-MAX, ECO+ ECO-PLUS ECO+2, ECO+3	SAF HOLLAND J-SERIES RZ10242/18C RZ12242/18C	DANA & ROR E34 & EARLY MCGRATH & INGERSOL COMMON	MERITOR & ROR ATL, ATN, RN, TL MCGRATH & INGERSOL UNCOMMON	SAF HOLLAND
BEARING SETS	INNER SET OUTER SET	33118STM	SET414STM	665A/653*	SET405STM	SET415STM
		33213STM		SET414STM		SET415STM
WHEELS SEALS	VOYAGER		373-0143	373-0113	373-0144	373-0123
	DISCOVER XR		373-0443			373-0423
	GUARDIAN HP		307-0743	307-0713		307-0723
	STM GREASE SEAL	STM-0747G*	STM-0743G	STM-0713G	STM-0744G	STM-0723G
WHEEL BEARING KIT	WITH VOYAGER					KIT-105STM
	WITH GUARDIAN					KIT-109STM
	WITH STM GREASE					KIT-108STM
AUTO-TORQ SEAL KIT	WTH VOYAGER WITH GUARDIAN					
AUTO-TORQ BEARING KIT	WITH VOYAGER WITH GUARDIAN					
AXLE NUT ASSEMBLY	PRO-TORQ ASSY					
	P-T KEEPER RING					
	ZIP-TORQ ASSY					
HUB CAPS	STEEL: NON-VENTING			340-5097		
	STEEL: VENTING			340-5096		
	COMPOSITE			366-4009		340-4975*
	ALLOY: SOLID VENTING			352-4009		340-4320*
	ALLOY: RUBBER PLUG			343-4009		343-4075
HUB CAP PARTS	GASKET / O-RING			330-3009		330-3077
	RED RUBBER PLUG			359-5990		359-5990
	ESP+ PLUG			359-6124		359-6124
	WINDOW KIT			359-5995		359-5995
HUBO MOUNTING OPTIONS	HUBCAP WITH VENTING	SEE STEMCO HUBODOMER MOUNTS AND BRACKETS SECTION		640-0001 (6 BOLT HUB CAP)		640-0003
	BOLT ON SHROUD			600-99AS (SUIT STEMCO ALLOY HUBCAP)		
	WELD ON SHROUD			600-99WELD (ANY STEEL CAP OR BRACKET)		
	MOUNT BRACKET			610-0065 (6 BOLT HUB CAP)		

* **Axle Nuts:** Zip-TORQ can be used on conventional or PreSet wheel ends, each requiring different bearing adjustment procedures.

* **STM Seal:** STM-0747G suit BPW New Generation hubs only and does not fit later model ECO series hubs.

* **Bearings:** Part Numbers without the "STM" prefix are for reference purposes only.

* **Hub Caps:** 340-4320 is a solid aluminum, non-venting hub cap. 340-4975 is made of clear polycarbonate, not composite.

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WHEEL END PRODUCTS



STEMCO®

WHEN IT COMES TO WHEEL ENDS, WE HAVE YOU COVERED.

**THE INDUSTRY LEADER, PROVIDING PROVEN PROTECTION AND
EXCEPTIONAL VALUE FOR EVERY FLEET**


STEMCO®
Making the Roadways Safer®



HUB-INSTALLED UNITIZED SEALS

Premium thick-wall steel construction allows for positive hub installation and ease of assembly, without seal warping or bending—ensuring long-lasting performance.

The **VOYAGER®** wheel seal is an excellent choice for fleets, featuring a rugged design and a ribbed rubber outer diameter that forms a superior seal between the hub bore and the seal.

The **DISCOVER XR®** is the most advanced hub-installed wheel seal, incorporating patented **GlideLock®** technology and high-temperature-resistant materials for enhanced durability under extreme conditions.

Voyager® DISCOVER XR



TYPE	MAKE	MODELS	COMMON NUMBERS	VOYAGER	DISCOVER XR	SEAL INSTALLER
STEER AXLE						
FF	MERITOR DANA HENDRICKSON	FE, FF, FG, MFS12-14, MFS-66 E & I SERIES, EFA10-13 AIRTEK, SOFTEK, STEERTEK	35058, 35059, 35062 35066, 10045885 MER0136, MER0236	383-0136	383-0436	551-0136T
FFHD	MERITOR	FFHD KENWORTH	35066, 10045885	383-0136	383-0436	551-0136T
	MACK	FA SERIES	39979, 39988, 39990 32QJ248, 88AX305	383-0139	383-8139 SEAL & BUSH	551-0139T
FL	DANA DETROIT MERITOR	D SERIES AND EFA18-24 DA-F 7.3T FH, FL, MFS16-22, MFS73-75	43761, 43762, 43763 43764, 10045883 MER0164, MER0264	383-0164	383-0464	551-0164T
DRIVE AXLE						
L	DANA MERITOR	SINGLE DRIVE AXLE APPLICATIONS	38776, 38779, 38780 38783, 10020083 MER0112, MER0212	393-0112		551-0112T
R	DANA DETROIT MERITOR	COMMON TANDEM AND TRI AXLE APPLICATIONS	47691, 47693, 47695 47697, 10045887 MER0173, MER0273	393-0173	393-0473	551-0173T
SW34	MACK	SW34	45069, 45070, 45093 45099, 88AX467	393-0103		551-0103T
SW44	MACK	SW44	42671, 42671, 42672 42650, 88AX466	393-0104		551-0104T
TRAILER AXLE						
TL	DANA, ROR MCGRATH MERITOR, ROR MCGRATH	E34 & EARLY COMMON ATL, ATN, RN, TL UNCOMMON	40129, 40130, 40133 40146, 42630, 47394 43751, 43752, 43753 43754	373-0113 373-0144		551-0113T 551-0144T
TN	SAF HOLLAND FUWA K-HITCH HENDRICKSON	J-SERIES, RZ10242/18C RZ12242/18C COMMON TAPERED SPINDLE	42626, 46300, 46305 46306, S-27267, 802 10045888, 4373003501 MER0143, MER0243	373-0143	373-0443	551-0143T
TP	SAF HOLLAND FUWA K-HITCH HENDRICKSON TMC, PROPAR	KEDI K1328501 COMMON PARALLEL SPINDLE	42622, 42623, 42627, 42631, A-27268, 801 10045889, K131170101 MER0123, MER0223	373-0123	373-0423	551-0123T
UNITIZED	FUWA K-HITCH TMC	UNITIZED	47691, 47693, 47695 47697, 809, 812107	393-0173	393-0473	551-0173T

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AXLE-INSTALLED PERFORMANCE SEAL

The **Guardian HP®** has been developed for enhanced protection and superior sealing performance. It incorporates the best features for preventing the leading causes of seal-life degradation contaminant ingress and heat generation-ensuring long-lasting reliability in demanding conditions.


Guardian®
HP

TYPE	MAKE	MODELS	COMMON NUMBERS	GUARDIAN HP	TOOL HEAD	TOOL BODY
STEER AXLE						
FF	MERITOR DANA HENDRICKSON	FE, FF, FG, MFS12-14, MFS-66 E & I SERIES, EFA10-13 AIRTEK, SOFTEK, STEERTEK	35058, 35059, 35062 35066, 10045885 MER0136, MER0236	308-0836	555-5098	555-0001
FFHD	MERITOR	FFHD KENWORTH	35066, 10045885	308-0836	555-5098	555-0001
FL	DANA DETROIT MERITOR	D SERIES AND EFA18-24 DA-F 7.3T FH, FL, MFS16-22, MFS73-75	43761, 43762, 43763 43764, 10045883 MER0164, MER0264	308-0864	555-5007	555-0001
DRIVE AXLE						
L	DANA MERITOR	SINGLE DRIVE AXLE APPLICATIONS	38776, 38779, 38780 38783, 10020083 MER0112, MER0212	309-0912	555-5074	555-0001
R	DANA DETROIT MERITOR	COMMON TANDEM AND TRI AXLE APPLICATIONS	47691, 47693, 47695 47697, 10045887 MER0173, MER0273	309-0973	555-5076	555-0001
SW34	MACK	SW34	45069, 45070, 45093 45099, 88AX467	309-0903	555-5072	555-0001
SW44	MACK	SW44	42671, 42671, 42672 42650, 88AX466	309-0904	555-5072	555-0001
TRAILER AXLE						
TL	DANA, ROR MCGRATH	E34 & EARLY COMMON	40129, 40130, 40133 40146, 42630, 47394	307-0713	555-5100	555-0001
TN	SAF HOLLAND FUWA K-HITCH HENDRICKSON	J-SERIES, RZ10242/18C RZ12242/18C COMMON TAPERED SPINDLE	42626, 46300, 46305 46306, S-27267, 802 10045888, 4373003501 MER0143, MER0243	307-0743	555-5039	555-0001
TP	SAF HOLLAND FUWA K-HITCH HENDRICKSON TMC, PROPAR	KEDI K1328501 COMMON PARALLEL SPINDLE	42622, 42623, 42627, 42631, A-27268, 801 10045889, K131170101 MER0123, MER0223	307-0723	555-5023	555-0001
UNITIZED	FUWA K-HITCH TMC	UNITIZED	47691, 47693, 47695 47697, 809, 812107	309-0973	555-5076	555-0001

HAND-FIT HUB-INSTALLED EP-2 GREASE SEAL

TYPE	MAKE	MODELS	COMMON NUMBERS	STM GREASE SEAL
TRAILER AXLE				
TL	COMMON UNCOMMON	TAPERED SPINDLE	40129, 40130, 40133 40146, 42630 43751, 43752, 43753 43754	STM-0713G STM-0744G
TN	COMMON	TAPERED SPINDLE	42626, 46300, 46305 46306, S-27267 802, 10045888, 4373003501, MER0143	STM-0743G
TP	COMMON	PARALLEL SPINDLE	42622, 42623, 42627, 42631, A-27268 801, 10045889, K131170101, MER0123	STM-0723G
BPW	BPW TRANSPEC	NEW GEN – GREASE HUB	02.566.44.65.7, 0256644657	STM-0747G

Helping Industry Become; More Safe, More Productive, More Sustainable

HEAVY-DUTY MATCHED BEARING SETS

STEMCO® bearings are built from **durable, high-performance steel alloys** that withstand the rigors of heavy loads, long hauls, and harsh road conditions. Engineered to reduce friction and wear, STEMCO bearings promote **consistent wheel rotation**, helping maintain **optimal alignment** and **stable handling**-key factors in extending tyre life and improving vehicle performance.



TYPE	MAKE	MODELS	INNER CUP & CONE	INNER BEARING SET	OUTER CUP & CONE	OUTER BEARING SET
STEER AXLE						
FF	MERITOR DANA HENDRICKSON	FE, FF, FG, MFS12-14, MFS-66 E & I SERIES, EFA10-13 AIRTEK, SOFTEK, STEERTEK	HM212049 HM212011	SET413STM	3782 3720	SET406STM
FFHD	MERITOR MACK	FFHD KENWORTH FA -SERIES	HM212049 HM212011	SET413STM	45280 45220	SET409STM
FL	DANA DETROIT MERITOR	D SERIES AND EFA18-24 DA-F 7.3T FH, FL, MFS16-22, MFS73-75	6461A 6420	SET423STM	555S 552S	SET424STM
DRIVE AXLE						
R	DANA DETROIT MERITOR	COMMON UNCOMMON	594A 592A 598A 592A	SET403STM* SET404STM*	580 572	SET401STM
SW34	MACK	SW34	580 572 582 572	SET401STM* SET402STM*	567 563	SET425STM
SW44	MACK	SW44	HM516449A HM516410 HM516449C HM516410	SET421STM* SET422STM*	47679 47620	SET426STM
TRAILER AXLE						
BPW	BPW TRANSPEC	NEW GEN, ECO, ECO-MAX ECO-PLUS, ECO+, ECO+2, ECO+3	X33118 Y33118	33118STM	X33213 Y33213	33213STM
J	SAF HOLLAND	J-SERIES, RZ10242, RZ12242	HM212049 HM212011	SET414STM		
TL	MERITOR, ROR MCGRATH	ATL, ATN, RN, TL	663 653	SET405STM	HM212049 HM212011	SET413STM
TN / TM	GP COMMON	TAPERED SPINDLE	HM218248 HM218210	SET414STM		
TP	PROPER	PARALLEL SPINDLE	HM518445	SET415STM	HM518445	SET415STM
KEDI	SAF HOLLAND	KEDI K1328501	HM518410		HM518410	
TQ	SAF HOLLAND FUWA K-HITCH	YORK 2800 FB24, KF75	HM220149 HM220110	SET317STM	HM218248 HM218210 HM518445 HM518410	SET414STM SET415STM

* **Bearings:** If two part numbers are listed, you must confirm the bearing part number due to difference in corner radii, Refer STEMCO Technical Publications for further guidance.

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PREMIUM WHEEL-END SERVICE KITS

STEMCO® bearings are built from **durable, high-performance steel alloys** that withstand the rigors of heavy loads, long hauls, and harsh road conditions. Each kit pairs these reliable bearings with a **STEMCO wheel seal of your choice**, offering a complete solution for wheel-end servicing.



TYPE	MAKE	MODELS	BEARINGS & SEAL KIT	INNER BEARING SET	OUTER BEARING SET	SEAL IN KIT
STEER AXLE						
FF	MERITOR DANA HENDRICKSON	FE, FF, FG, MFS12-14, MFS-66 E & I SERIES, EFA10-13 AIRTEK, SOFTEK, STEERTEK	KIT-102STM	SET413STM	SET406STM	383-0136
FFHD	MERITOR	FFHD KENWORTH	KIT-KWSTM	SET413STM	SET409STM	383-0136
FL	DANA DETROIT MERITOR	D SERIES AND EFA18-24 DA-F 7.3T FH, FL, MFS16-22, MFS73-75	KIT-104STM	SET423STM	SET424STM	383-0164
DRIVE AXLE						
R	DANA DETROIT MERITOR	COMMON TANDEM AND TRI AXLE APPLICATIONS	KIT-101STM KIT-106STM	SET403STM	SET401STM	393-0173 309-0973
TRAILER AXLE						
TN	COMMON	TAPERED SPINDLE	KIT-103STM	SET414STM	SET413STM	373-0143
TM	STEFEN DEXTER	SELF STEER	KIT-110STM			307-0743
HN	HENDRICKSON	HXL2, HXL5	KIT-107STM			STM-0743G
TP	COMMON	PARALLEL SPINDLE	KIT-105STM	SET415STM	SET415STM	373-0123
HP	SAF HOLLAND	KEDI K1328501	KIT-109STM			307-0723
	HENDRICKSON	HXL2, HXL5, HXL7	KIT-108STM			STM-0723G

AUTO-TORQ WHEEL-END KITS

The **Auto-TORQ® Wheel-End Kit** automatically sets the wheel end to **optimum bearing adjustment**, maximizing **seal and bearing life**. There's **no need for spacers, half-stand bearings, or precision hub**. Auto-TORQ takes the guesswork out of bearing adjustment, delivering consistent and reliable performance with every installation.



TYPE	MAKE	MODELS	BEARINGS & SEAL KIT	INNER BEARING SET	OUTER BEARING SET	SEAL IN KIT
TRAILER AXLE						
TN	COMMON	TAPERED SPINDLE	KIT-TNATV	SET414STM	SET413STM	373-0143
TM	STEFEN DEXTER	SELF STEER	KIT-TNATG			307-0743
HN	HENDRICKSON	HXL2, HXL5				
TP	COMMON	PARALLEL SPINDLE	KIT-TPATV	SET415STM	SET415STM	373-0123
HP	SAF HOLLAND	KEDI K1328501	KIT-TPATG			307-0723
	HENDRICKSON	HXL2, HXL5, HXL7				

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ADVANCE AXLE SPINDLE FASTENERS

STEMCO's Advance Axle Spindle Nuts are precision-engineered for heavy-duty applications, offering reliable and consistent bearing adjustment that enhances vehicle performance and longevity..

STEMCO® Pro-TORQ features a single-nut design that eliminates the need for multiple nuts and lock washers. Instead, uses a keeper ring to securely lock the nut in place. Pro-TORQ has been a trusted solution in the heavy-duty trucking industry for nearly 30 years.

STEMCO® Zip-TORQ introduces a modern, unitized, single-piece design with a self-locking ratchet mechanism. This innovation eliminates the need for separate keepers, clips, or special tools, streamlines the installation process. Zip-TORQ is compatible with both conventional or PreSet hub assemblies for nearly 10 years.

PRO-TORQ® ZIP-TORQ



TYPE	MAKE	MODELS	SPINDLE THREAD KEEPER TYPE	PRO-TORQ ASSEMBLY	PRO-TORQ KEEPER	ZIP-TORQ ASSEMBLY
STEER AXLE						
FF	MERITOR DANA HENDRICKSON	FE, FF, FG, MFS12-14, MFS-66 E & I SERIES (POST 2005) AIRTEK, SOFTEK, STEERTEK	1-1/2" -12 COURSE THREAD D-WASHER	448-4836	450-4836	400-4836*
FF	MERITOR DANA	FE & FF SERIES E SERIES (PRE 2005) EFA10-13	1-1/2" -18 FINE THREAD OPEN WASHER	448-4837	450-4837	400-4837*
FF	DANA	E SERIES (POST 2005)	1-1/2" -12 COURSE THREAD OPEN WASHER	448-4838	450-4837	
FFHD	MERITOR MACK	FFHD KENWORTH FA SERIES	1-5/8" -12 COURSE THREAD	448-4839*	450-4839	
FL	MACK	FA18, FAW18, FXL18 FA20, FAW20, FXL20	2" -12 COURSE THREAD	448-4864	450-4864	400-4864*
FL	DANA DETROIT MERITOR	D SERIES AND EFA18-24 DA-F 7.3T FH, FL, MFS16-22, MFS73-75	1-3/4" -12 COURSE THREAD	448-4865	450-4865	400-4865*
DRIVE AXLE						
L	DANA MERITOR	SINGLE DRIVE AXLE APPLICATIONS	2-5/8" -12 COURSE THREAD	449-4974	450-4743	
R	DANA, DETROIT MERITOR	COMMON TANDEM AND TRI	3-1/4" -12 COURSE THREAD	449-4973	450-4973	400-4973*
SW34 SW44	MACK	SW34 SW44	2-7/8" -12 COURSE THREAD	449-4904	450-4904	400-4904*
TRAILER AXLE						
TN HN	COMMON STEFEN DEXTER HENDRICKSON	TAPERED SPINDLE SELF STEER HXL2, HXL5	2-5/8" -16 COURSE THREAD	447-4743	450-4743	400-4743*
TP HP	COMMON SAF HOLLAND HENDRICKSON	PARALLEL SPINDLE KEDI K1328501 HXL2, HXL5, HXL7	3.48" -12 COURSE THREAD	447-4723	450-4723	400-4723*
UNITIZED			3-1/2" -12 COURSE THREAD	447-4724*	450-4724	

* **Axle Fasteners:** Pro-TORQ assemblies are no longer available; however, keeper rings remain in stock.

Assembly 448-4838 can be constructed using 448-4836 in combination with keeper ring 450-4837.

Zip-TORQ can be used on conventional or PreSet wheel ends, each requiring different bearing adjustment procedures.

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AUTO-TORQ FASTENER AND SEAL KITS

The **Auto-TORQ®** axle fastener represents the latest advancement in wheel-end technology, designed to automatically set the wheel end to the optimum bearing adjustment. This innovation eliminates the need for spacers, half-stand bearings, or precision hubs, simplifying the installation process while maximizing seal and bearing life.

Auto-TORQ® takes the guesswork out of bearing adjustment by delivering consistent and reliable performance with every installation, giving technicians peace of mind that the wheel end has been properly.

AUTO-TORQ™



TYPE	MAKE	MODELS	AUTO-TORQ NUT & SEAL KIT	SEAL IN KIT
TRAILER AXLE				
TN	COMMON	TAPERED SPINDLE	480-4743-VOY	VOYAGER 373-0143
TM	STEFEN DEXTER	SELF STEER	480-4743-GHP	GUARDIAN 307-0743
HN	HENDRICKSON	HXL2, HXL5		
TP	COMMON	PARALLEL SPINDLE	480-4723-VOY	VOYAGER 373-0123
HP	SAF HOLLAND	KEDI K1328501	480-4723-GHP	GUARDIAN 307-0723
	HENDRICKSON	HXL2, HXL5, HXL7		

AXLE FASTENER SOCKETS

Garlock has partnered with a local tooling supplier to offer a comprehensive range of sockets and tooling solutions. Their solid wall sockets are engineered for superior performance, delivering better torque transfer, enhanced durability, and reduced flex under load.



TYPE	MAKE	COMMON OEM FASTENERS			PRO-TORQ & TEMPER-LOC ASSEMBLY	ZIP-TORQ & AXILOK ASSEMBLY	AUTO-TORQ ASSEMBLY
		INNER	OUTER	CONMET			
STEER AXLE							
FF	MERITOR	1922STM 2-5/8" 6 POINT	1920STM 2-1/4" 6 POINT	1901STM 2-1/8" 6 POINT	1921STM 2-1/2" 6 POINT	1901STM 2-1/8" 6 POINT	
	DANA (SOME) HENDRICKSON DANA (SOME) SINGLE NUT						1902STM 2-3/8" 6 POINT
FFHD	MERITOR MACK	1922STM 2-5/8" 6 POINT	1920STM 2-1/4" 6 POINT		1920STM 2-5/8" 6 POINT		
FL	MACK	1904STM 2-9/16" 6 POINT			1923STM 2-3/4" 6 POINT	1906STM 3" 6 POINT	1932STM 2-7/8" 6 POINT
	DANA, DETROIT MERITOR	1912STM 3-7/8" 6 POINT	1921STM 2-1/2" 6 POINT				
DRIVE AXLE							
L	DANA MERITOR				1925STM 3-3/4" 8 POINT		
R	DANA, DETROIT MERITOR	1915STM 4-1/8" 6 POINT	1914STM 4" 6 POINT	1926STM 3-3/4" 6 POINT	1917STM 4-3/8" 8 POINT	1914STM 4" 6 POINT	
SW34 SW44	MACK	1914STM 4" 6 POINT	1904STM 2-9/16" 6 POINT		1915STM 4-1/4" 6 POINT	1910STM 3-1/2" 6 POINT	
TRAILER AXLE							
TN	TAPERED SPINDLE	1925STM 3-3/4" 8 POINT	1909STM 3-1/4" 8 POINT	1934STM 3-1/8" 6 POINT	1925STM 4-3/4" 8 POINT	1908STM 3-1/4" 6 POINT	1913STM 3-7/8" 8 POINT
TP	PARALLEL SPINDLE	1941STM 4-3/4" 6 POINT		1914STM 4" 6 POINT	1941STM 4-3/4" 8 POINT	1915STM 4-1/8" 6 POINT	1941STM 4-3/4" 8 POINT

Additional Sockets: A range of additional socket sizes are available. Please contact your local representative for details and availability.

PREPARATION

- Inspect the spindle for wear and thread defects.
- Ensure it is clean prior to Pro-TORQ or Zip-TORQ installation.
- Prepare the hub assembly.

Note: Any defect may affect the ability of Pro-TORQ or Zip-TORQ to seat correctly.

STEMCO 2-1-1 INSTALLATION

Step 1: Hub Installation

With hub or hub/drum assemblies:

- Install hub assembly onto the prepared spindle
- Lubricate the back-face of the axle fastener with the same lubricant used in wheel end
- Thread the nut onto the spindle until hand-tight against the bearing.

Step 2: Seat the Bearing

- Set your torque wrench to 200ft-lbs, tighten the hub nut to this specification, spin the hub assembly at least one full rotation to help seat bearings and components.
- Re-tighten the hub nut to 200ft-lbs
Spin the hub at least one full rotation again.
- Re-tighten the hub nut to 200ft-lbs
Spin the hub at least one full rotation again.
- Using a breaker bar, back the hub nut off one full rotation to relieve preload for final adjustment.

Step 3: Final Bearing Adjustment

- Set your torque wrench to 100ft-lbs, tighten the hub nut to this specification.
Spin the hub assembly at least one full rotation.
- Re-tighten the hub nut to 100ft-lbs
Spin the hub at least one full rotation again.
- Re-tighten the hub nut to 100ft-lbs
Spin the hub at least one full rotation again.
- Using a breaker bar, back the hub nut off one face mark or according to chart.

PRO-TORQ	ZIP-TORQ	BACK OFF
TRAILER AXLE FASTENER		
447-4723, 447-4724 449-4973	400-4723, 400-4973	1/8"
447-4743	400-4743	1/4"
STEER AXLE FASTENER		
448-4836, 448-4838 448-4839, 448-4863 448-4864, 448-4865	400-4836 400-4865	1/4'
448-4837, 448-4840	400-4837	1/3"
DRIVE AXLE FASTENER		
449-4904, 449-4973 449-4974, 449-4975	400-4973	1/8"

Step 4: Install the Keeper (Zip-TORQ skip this step)

- Ensure the orange side of the keeper is facing you.
- **Drive & Trailer Application:** Insert top of the keeper into the undercut groove of the hub nut, engage the keyway tang into the keyway.
- **Steer Application:** Align the flat of the keeper with the milled flat on the spindle, insert top of the keeper into the undercut groove of the hub nut.
- Engage mating teeth, compress, and insert side keeper arms into the undercut groove.

Note: It is recommended to replace the keeper every time the hub nut assembly is removed.



POST-INSTALLATION INSPECTION

Step 1: Inspect the Installation

- Ensure the wheel-end rotates freely.
- When using Pro-TORQ ensure Keeper tab and arms are fully seated into the undercut groove.

Step 2: Endplay Measurement

- Attach a dial indicator to the hub using its magnetic base.
- Position the plunger against the end of the spindle.
- Grasp the wheel/hub assembly as the 3 o'clock and 9 o'clock positions.
- Pull outward while oscillating
Stop oscillating and record the reading.
- Push inwards while oscillating
Stop oscillating and record the reading.
- Target endplay between 0.001" and 0.003".
- If endplay exceeds 0.005", the assembly has not seated properly. Inspect components, spindle wear, and ensure the keyway tang does not contact the bottom of the keyway before reassembly.

Step 3: First Service Check

- Perform a bearing adjustment after 5,000-10,000km of normal service operation.
- This early inspection ensures that the bearings have seated correctly.

Note: In grease-packed hubs, the grease redistributes and settles over time, which may result in minor endplay changes. Bearing adjustment must be performed after every bearing repack, whether using new or existing bearings. This makes the initial check especially critical.

ZIP-TORQ INSTALLATION PROCEDURE FOR PRESET AND SPACER HUBS

Step 1: Hub Installation

With hub or hub/drum assemblies:

- Install hub assembly onto the prepared spindle
- Lubricate the back-face of the axle fastener with the same lubricant used in wheel end
- Thread the nut onto the spindle until hand-tight against the bearing.

Step 2: Final Bearing Adjustment

- Set your torque wrench to a minimum of 250ft-lbs, tighten the hub nut to this specification, spin the hub assembly at least one full rotation to help seat bearings and components.
- Re-tighten the hub nut to a minimum of 250ft-lbs
- DO NOT BACK OFF THE AXLE NUT

IMPORTANT:

When uses with these systems, its important to follow the hub manufacturers product specific installation instructions.

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AUTO-TORQ® MUST NOT BE USED WITH SPIDER HUB, PRESET/SPACER HUBS OR AXLES EXHIBITING SPINDLE WEAR.

THIS PROCEDURE WILL CONSISTENTLY SET WHEEL-END BEARINGS IN AN OPTIMUM STATE OF PRE-LOAD PER SAE J2535. TARGET ENDPLAY OF 0.000" WHILE ENSURING THE HUB ASSEMBLY SPINS FREELY.

PREPARATION

- Inspect the spindle for wear and thread defects.
- Ensure it is clean prior to Auto-TORQ installation.
- Prepare the hub assembly. Auto-TORQ must be used in conjunction with an approved STEMCO wheel seal.

Note: Any defect may affect the ability of Auto-TORQ to seat correctly.

INSTALLATION

Step 1: Hub Installation

With hub or hub/drum assemblies:

- Install hub assembly onto the prepared spindle
- Lubricate the back-face of the Auto-TORQ with the same lubricant used in wheel end
- Thread the Auto-TORQ onto the spindle until hand-tight against the bearing.

Step 2: Torque Application

- **Do not** use an impact gun - this may damage internal components.
- Using a breaker bar or torque wrench (set to at least 100ft-lbs), tighten Auto-TORQ until a "clicking" noise is heard.
- Mark a line across the face of the Auto-TORQ and the spindle using a paint pen.
- Continue tightening until a prominent "ratcheting" noise is heard-This indicates the limiting point has been reached.

Step 3: Final Tightening

- Tighten the Auto-TORQ a minimum of 5 full rotations past the limiting point while rotating the hub.
- Inspect the paint mark for rotation as a visual reference.

Note: You cannot overtighten the Auto-TORQ axle fastener. If in doubt, continue tightening. Do not back off fastener.

POST-INSTALLATION INSPECTION

Step 1: Rotation Check

- Ensure the wheel-end rotates freely.

Step 2: Endplay Measurement

- Attach a dial indicator to the hub using its magnetic base.
- Position the plunger against the end of the spindle.
- Grasp the wheel/hub assembly as the 3 o'clock and 9 o'clock positions.
- Pull outward while oscillating, then stop oscillating and record the reading.
- Push inwards while oscillating, then stop oscillating and record the reading.
- Target endplay is 0.000", this is normal as the wheel-end will be set in a slight preload.
- If endplay exceeds 0.001", the assembly has not seated properly. Inspect components, spindle wear, and ensure the keyway tang does not contact the bottom of the keyway before reassembly.

Step 3: Visual Reference

- Use a different colour paint pen to mark a new line on the Auto-TORQ and spindle for future inspection.

Step 4: First Service Check

- Perform a bearing adjustment after 5,000-10,000km of normal service operation.
- This early inspection ensures that the bearings have seated correctly.

Note: In grease-packed hubs, the grease redistributes and settles over time, which may result in minor endplay changes. Bearing adjustment must be performed after every bearing repack, whether using new or existing bearings. This makes the initial check especially critical.



WARNING

Failure to follow this instruction could cause the wheel to come off and cause bodily injury.

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HUB CAPS FOR TRUCK & TRAILER

STEMCO's hub caps are engineered for durability, visibility, and contamination control—setting the industry standard for over 60 years. Trusted by OEMs and fleets alike, STEMCO designs feature rugged aluminum or composite construction that delivers proven performance and long-term protection in the harshest operating environments. **343 SERIES**

- **343 Series:** Cast aluminum body resists warping and dissipates heat. Red rubber plug allows easy venting, while the clear window kit enables quick visual checks of lubricant levels. Suitable for grease and oil.

- **352 Series:** Cast aluminum body with solid face design enhances structural integrity. Duckbill vent provides pressure relief while blocking contamination. A low-maintenance solution for grease-only.

- **353 Series:** Cast aluminum body fitted with a removable Extended Service Plus (ESP+) plug, offering extended service life and superior contamination filtration. Suitable for both grease and oil.

- **356 Series:** Cast aluminum body fitted with a fixed Sentinel Plus plug delivers exceptional contamination control. Integrated tamper-proof window kit reduces service intervals. Suitable for both grease and oil.

- **366 Series:** Lightweight, heavy-duty composite body resists corrosion and impact. Sealed body, window kit, and SentinePlus plug provide advanced filtration and sealing for long-term clarity and leak prevention.



352 SERIES

353 SERIES



356 SERIES

366 SERIES



TYPE	MAKE	MODELS	BOLT CIRCLE BOLT PATTERN	DEFENDER WITH SENTINEL PLUG	ALUMINIUM WITH RUBBER PLUG	ALUMINIUM WITH SENTINEL	OTHER HUB CAP OPTIONS
STEER AXLE							
FF	MERITOR DANA	FE, FF, FG SERIES E, EFA10-13 & I SERIES	4-1/2" BCD 6 BOLT	366-4024	343-4024	356-4024	353-4024 ESP+ PLUG
	HENDRICKSON	AIRTEK SOFTEK STEERTEK			343-4346		
	MERITOR	FG IN JAPANESE TRUCKS	5-1/2" BCD 6 BOLT	366-4009	343-4095	356-4095	
FF	MERITOR	MFS12-14, MFS-66	5-1/2" & 5-9/16" BCD	366-4009*	343-4281	356-4281	353-4281 ESP+ PLUG
FL	DANA	D SERIES AND EFA18-24	6 BOLT				
	DETROIT MERITOR	DA-F 7.3T FH, FL, MFS16-22, MFS73+	(MULTI-FIT)				
DRIVE AXLE							
R	DANA MERITOR	DRIVE LIFT AXLE	7" BCD 8 BOLT		340-4119		
TRAILER AXLE							
TN	UNCOMMON	TAPERED SPINDLE	5-1/2" BCD 5 BOLT		343-4013		352-4009
TN	COMMON	TAPERED SPINDLE	5-1/2" BCD 6 BOLT	366-4009	343-4009	356-4009	SOLID - VENTING 353-4009 ESP+ PLUG
TP	COMMON	PARALLEL SPINDLE	6-3/4" BCD 6 BOLT	366-4195	343-4195	356-4195	352-4195 SOLID – VENTING 353-4195 ESP+ PLUG
			6-1/4" x8UN SCREW THREAD		343-4075	356-4075	340-4320 SOLID NON-VENT

* Hub Caps: 366-4009 is suitable for 5-1/2" BCD only.

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HUB CAP SPARE PARTS & GASKETS

STEMCO's offers a comprehensive ecosystem of spare parts for their hub caps, designed to support everything from routine maintenance to full rebuilds of wheel-end systems. Whether you're working with aluminum, composite, or grease-style hub caps, there's a deep catalog of components tailored to fit specific axle types, window sizes, and operating environments.

Red Rubber Vent Plug: Prevents pressure buildup inside wheel hubs, which can compromise seal integrity and lead to lubricant loss. Designed to block moisture and debris from entering the hub cavity. Simple to install and replace during routine maintenance, this plug is a reliable solution for standard-duty applications.

ESP+ (Extended Service) Vent Plug: Engineered for demanding environments, the ESP+ plug features a labyrinth vent path that resists moisture intrusion and airborne contaminants. Its waterproof Gore-Tex membrane, combined with a centralized pressure relief valve and integrated splash guard, makes the ESP+ the premium choice for long-life hub cap protection.

359-5990



359-6124



HUB CAP	VENT PLUG	FILL PORT PLUG	HUB CAP SEAL	WITH RED RUBBER PLUG	WINDOW KIT OPTIONS WITH SENTINEL PLUG	GUARD & SENTINEL PLUG	DIRT EXCLUSION GREASE ONLY	WINDOW SCREWS (BAG OF 6)	WINDOW RUBBER GASKET	WINDOW FIBRE GASKET
STEER AXLE										
343-4024	359-5990*	359-5984	330-3024	359-5999	359-6143			359-6032	359-5996	359-3136
343-4046	359-5990*	359-5984	330-3009	359-5995	359-6145	359-6112		359-6032	359-5991	359-3127
343-4095	359-5990*	359-5984	330-3009	359-5995	359-6145	359-6112		359-6032	359-5991	359-3127
343-4249	359-5915	359-5984	330-3009	359-5912				359-6032	359-5968	359-3137
343-4281	359-5990*	359-5984	330-3009	359-5995	359-6145	359-6112		359-6032	359-5991	359-3127
343-4346	359-5990*	359-5984	330-3024	359-5999	359-6143			359-6032	359-5996	359-3136
353-4024	359-6124*	359-5984	330-3024	359-5999	359-6143			359-6032	359-5996	359-3136
353-4281	359-6124*	359-5984	330-3009	359-5995	359-6145	359-6112		359-6032	359-5991	359-3127
356-4024	WINDOW KIT	359-5984	330-3024	359-5999	359-6143			359-6032	359-5996	359-3136
356-4046	WINDOW KIT	359-5984	330-3009	359-5995	359-6145	359-6112		359-6032	359-5991	359-3127
356-4095	WINDOW KIT	359-5984	330-3009	359-5995	359-6145	359-6112		359-6032	359-5991	359-3127
356-4281	WINDOW KIT	359-5984	330-3009	359-5995	359-6145	359-6112		359-6032	359-5991	359-3127
366-4024		641-0002	330-3024							
366-4009		641-0002	330-3009							
DRIVE AXLE										
340-4119	359-5990*		330-3106	359-5995				359-6032	359-5991	359-3127
TRAILER AXLE										
340-4975	359-5990*		330-3077							
340-4320			330-3077							
343-4009	359-5990*	359-5984	330-3009	359-5995	359-6145	359-6112	359-6095	359-6032	359-5991	359-3127
343-4013	359-5990*	359-5984	330-3013	359-5995	359-6145	359-6112	359-6095	359-6032	359-5991	359-3127
343-4075	359-5990*	359-5984	330-3077	359-5995	359-6145	359-6112	359-6095	359-6032	359-5991	359-3127
343-4195	359-5990*	359-5984	330-3118	359-5995	359-6145	359-6112	359-6095	359-6032	359-5991	359-3127
352-4009			330-3009							
352-4195			330-3118							
353-4009	359-6124*	359-5984	330-3009	359-5995	359-6145	359-6112	359-6095	359-6032	359-5991	359-3127
353-4195	359-6124*	359-5984	330-3118	359-5995	359-6145	359-6112	359-6095	359-6032	359-5991	359-3127
356-4009	WINDOW KIT	359-5984	330-3009	359-5995	359-6145	359-6112	359-6095	359-6032	359-5991	359-3127
356-4075	WINDOW KIT	359-5984	330-3077	359-5995	359-6145	359-6112	359-6095	359-6032	359-5991	359-3127
356-4195	WINDOW KIT	359-5984	330-3118	359-5995	359-6145	359-6112	359-6095	359-6032	359-5991	359-3127
366-4009		641-0002	330-3009							
366-4195		641-0002	330-3118							

* 359-5990 Red Rubber Vent Plug Can be upgraded to 359-6124 ESP+ Plug by simply removing the Red Rubber Plug and installing the ESP+ Plug
* 359-6124 ESP+ (Extended Service Plus) Plugs are sold as a pair, Replacement O-Rings are 359-6119

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HUB CAP & DRIVE AXLE GASKETS

STEMCO's hub cap and drive axle gaskets engineered for precision sealing and long-term durability. Their exact-fit design and robust materials help prevent leaks, protect against contaminants, and extend wheel-end component life across steer, drive, and trailer axles.

Hub Cap Gaskets: Precision-cut to match the inner and outer diameters of the hub cap, with accurate bolt hole sizing to ensure a secure seal. They help prevent oil and grease leaks at the sealing surface, protect the wheel end from contamination, and maintain integrity. Compatible with both aluminum and composite hub caps, they deliver reliable performance.

Drive Axle Gaskets: Designed to seal tightly between the axle shaft and housing, resisting compression set and oil breakdown over time. Their durable construction supports proper lubricant retention, helping reduce maintenance frequency and improve uptime in demanding drive axle systems.



GASKET	BOLT HOLES	BOLT SIZE	BOLT CIRCLE	GASKET ID	GASKET OD	SUIT THE FOLLOWING
HUB CAP						
330-3009	6	5/16"	5-1/2"	4-7/8"	6-1/4"	340-5096, 340-5097, 342-4009, 343-4009, 343-4046 343-4095, 343-4249, 343-4281, 348-4009, 348-4046 348-4095, 348-4281, 352-4009, 353-4009, 353-4281 356-4009, 356-4046, 356-4095, 356-4281, 366-4009 367-4009, 368-4009, 640-0001
330-3013	5	5/16"	5-1/2"	4-7/8"	6-1/4"	343-4023
330-3024	6	5/16"	4-1/2"	3-1/2"	5-1/4"	343-4024, 343-4346, 353-4024, 356-4024 366-4024, 367-4024, 368-4024
330-3025	6	5/16"	5-7/8"	5"	6-1/2"	343-4092
330-3028	4	1/4"	5"	3-3/4"	5-3/4"	340-4186
330-3041	6	5/16"	5-1/8"	4-7/16"	5-3/4"	340-4042
330-3067	12	5/16"	5-1/2"	4-7/8"	6-1/4"	340-5096, 340-5097, 342-4009, 343-4009, 343-4046 343-4095, 343-4249, 343-4281, 348-4009, 348-4046 348-4095, 348-4281, 352-4009, 353-4009, 353-4281 356-4009, 356-4046, 356-4095, 356-4281, 366-4009 343-4023, 367-4009, 368-4009, 640-0001
330-3077	6			5-3/4"		340-4320, 340-4975, 343-4075 348-4075, 356-4075, 640-0003
330-3106	8	5/8"	7"	4-5/16"	8-1/4"	340-4119
330-3118	6	5/16"	6-3/4"	5-29/32"	7-1/2"	340-4322, 343-4195, 352-4195, 353-4195, 356-4195 366-4195, 367-4195, 368-4195
330-3128	6	5/16"	5-7/32"	4-3/16"	5-3/4"	340-4270
DRIVE AXLES						
330-3106	8	5/8"	7"	6"	8-1/4"	COMMON DRIVE AXLE R
330-3107	8	3/4"	7"	5-5/8"	8-1/2"	UNCOMMON DANA DRIVE AXLE
330-3109	8	1/2"	5-5/16"	4-1/2"	6-1/8"	UNCOMMON DRIVE AXLE L
330-3110	8	9/16"	6-3/8"	5-3/8"	7-3/8"	MACK DRIVE SW34 & SW44
330-3111	8	5/8"	7"	5-3/4"	8-3/8"	UNCOMMON DRIVE AXLE R
330-3114	12	7/16"	5-11/16"	5"	6-1/2"	COMMON DRIVE AXLE L

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SPACER-TECH SPACER SYSTEM



SPACER-TECH'S adjustable bearing spacer system is a precision-engineered solution that eliminates wheel-bearing setting guesswork and metal contamination from axle and nut wear. Designed to fit between the cones of taper roller bearings, it maintains a fixed distance that allows the axle nut to be fully tightened without backing off—securing both bearings and spacer firmly on the axle. Each spacer features a micrometer-calibrated adjustment mechanism accurate to 0.0015 inches.

The system has gained global traction, with fleet owners expanding adoption from single units to entire fleets due to its precision, durability, and trans-formative impact on wheel-end maintenance

TYPE	MAKE	SPINDLE THREAD KEEPER TYPE	INNER BEARING	OUTER BEARING	SPACER	PRO-TORQ ASSEMBLY	ZIP-TORQ ASSEMBLY	SPACER TECH NUT
STEER AXLE								
FF	MERITOR DANA HENDRICKSON	1-1/2" -12 COURSE THREAD D-WASHER	SET413	SET406	446-602	448-4836	400-4836	
FF	MERITOR DANA	1-1/2" -18 FINE THREAD OPEN WASHER	SET413	SET406	446-602	448-4837	400-4837	
FL	DANA DETROIT MERITOR	1-3/4" -12 COURSE THREAD	SET423	SET424	446-603	448-4865	400-4865	
DRIVE AXLE								
R	DANA DETROIT MERITOR	3-1/4" -12 COURSE THREAD	SET403	SET401	446-803	449-4973	400-4973	446-801H
R	DANA MERITOR	3-1/4" -12 COURSE THREAD	SET404	SET401	446-802	449-4973	400-4973	446-802H
SW44	MACK	2-7/8" -12 COURSE THREAD	SET421 SET422	SET426	446-801	449-4904	400-4904	446-801H
TRAILER AXLE								
BPW	10-12T ECO ECO+ ECO+3	52MM x2 METRIC THREAD	33118	33213	446-702		USE OEM NUT	
BPW	EH/ZR SERIES EHZ9000	52MM x2 METRIC THREAD	33217	33213	446-703		USE OEM NUT	
BPW	6-9T ECO H HR K KH KR	42MM x2 METRIC THREAD	33116	32310	446-709		USE OEM NUT	
BPW	OLD GEN EH KR ZR	42MM x2 METRIC THREAD	32215	32310	446-712		USE OEM NUT	
DRAKE	LOW LOADER 15" - EARLY		32216	32215	446-706		USE OEM NUT	
TL	MERITOR ROR	65MM x1.5 METRIC THREAD	SET405	SET413	446-704			446-704H
TN	STEFEN	65MM x1.5 METRIC THREAD	SET414	SET413	446-701			446-704H
TN	YORK	2-1/2" -16 COURSE THREAD	SET414	SET413	446-701			446-701H
TN	ROCKWELL ROR	2" -16 COURSE THREAD	SET414	SET413	446-701			446-702H
TN	COMMON	2-5/8" -16 COURSE THREAD	SET414	SET413	446-701	447-4743	400-4743	446-700H
TP	COMMON	3.48" -12 COURSE THREAD	SET416	SET415	446-708	447-4723	400-4723	446-708H
TQ	YORK 2800HD	3-1/2" -12 COURSE THREAD	SET317	SET414	446-721			446-708H

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WORKSHOP EQUIPMENT

STEMCO has partnered with a trusted tooling manufacturer backed by over 65 years of industry experience. This collaboration is focused on equipping workshops and fleets with premium-quality tools that meet the demands of professional technicians. By combining STEMCO's wheel-end expertise with proven tool innovation, the partnership delivers reliable solutions that enhance efficiency, safety, and service precision across the industry.

PHOTO	PART NUMBER	PRODUCT	DESCRIPTION
	1098STM	Adjustable Seal Puller	This heavy-duty seal puller features a fully adjustable 180° head with push-button control, allowing easy removal of oil seals, grease seals, and O-rings in tight or awkward spaces. Overall length: 280mm.
	1673STM	4 Piece Rolled Head Pry Bar Set	4-piece bar set features a hardened rolled-head hook for high-leverage prying. Made from durable chrome vanadium steel, it's ideal for automotive, industrial, and hardware applications. Includes 150mm, 300mm, 400mm, and 500mm bars.
	5001STM	Truck & Trailer Wheel Pan	3L truck and trailer wheel pan is designed to catch oil from wheel hubs during cap removal, fitting rims up to 350mm internal diameter. Features ergonomic handles, hub nut storage, and an easy-pour evacuation mouth for clean, efficient service
	5003STM	Wheel End Dial Indicator	Provides fast, accurate wheel end play analysis for all axle and hub types. It works on both truck and trailer wheel ends and helps extend seal and bearing life through proper adjustment.
	5015STM	Semi-Fluid Fill Tool	This tool is especially useful when servicing trailer hubs that rely on semi-fluid grease systems. It helps technicians maintain consistent fill levels, which is critical for optimal performance and longevity of wheel-end components.
	5155STM	Drum Mounted Bearing Packer	This bearing packer is designed to sit directly on top of a 20kg grease drum, making it ideal for heavy vehicle and industrial applications. Its inbuilt cover protects grease from contamination, and it suits bearings ranging from 100mm to 200mm in diameter.
	5161STM	Heavy-Duty Bearing Packer	This heavy-duty bearing packer suits bearings with an outside diameter of 120–170mm and is ideal for industrial and heavy vehicle use. Mess-free operation by forcing out old grease and evenly replacing it with fresh grease via a central grease nipple
	5230STM	Universal Bearing Packer	This compact bearing packer features a threaded centre post and integrated grease nipple for easy connection to grease guns or flexible hoses. Ideal for regular greasing applications, it suits bearings up to 125mm OD, 12mm ID, and 50mm in height.
	5099STM	Heavy-Duty Pistol Grip Grease Gun suit 400G	One-hand operated grease gun built for confined spaces, featuring a heavy-duty die-cast head, anti-pinch pistol grip, and robust barrel for fast, easy reloading. Ideal for automotive, industrial, and agricultural use.
	5221STM	Heavy-Duty Pistol Grip Grease Gun suit 450G	One-hand operated grease gun built for confined spaces, featuring a heavy-duty die-cast head, anti-pinch pistol grip, and robust barrel for fast, easy reloading. Ideal for automotive, industrial, and agricultural use.
	7180STM	Adjustable Bearing Cup Installation Tool	Installs bearing cups on commercial vehicles, tractors, and trailers without damaging hubs or cups. Adjustable jaws fit multiple sizes for secure, accurate seating
	7402STM	External Thread Chaser Set	Restores damaged threads with 6 precision dies, covering fasteners and studs on modern vehicles. Prevents costly repairs when used before disassembly; fits 31mm–127mm (1¼"–5") OD.

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STEERING PRODUCTS..

STEMCO® KAISER™ STEERING COMPONENTS CATALOG


STEMCO®
Making the Roadways Safer®



PLUSKIT NO-REAM BRONZE BUSH

The **STEMCO Kaiser PlusKit®** Bronze King Pin Kit is a premium no-ream solution designed to simplify king pin installation while delivering precision and durability for heavy-duty steering systems. Each kit includes pre-sized bi-metal bronze bushings that eliminate the need for reaming or line boring, allowing technicians to achieve a tight, accurate fit straight out of the box. Trusted by fleets for its reliability and ease of installation, the PlusKit reduces downtime, lowers maintenance costs, and ensures consistent performance across a wide range of axle applications.



TYPE	MAKE	CROSS REFERENCE	PIN & CAP SPEC	PLUSKIT	LIP SEAL & BUSH DRIVER
STEER AXLE					
MERITOR	FF-931 FF-932 FF-933 FF-934 FF-941 FF-942 FF-943 FF-944 FF-945	R200195 R201307 R201370 R202014 R203014	B 1.794" x 10.40" BOLTED CAP	70.931.12	ST70-7
MERITOR	FF-941 FF-942 FF-943 FF-944 FF-945 FF-961 FF-962 FF-966 FF-967 MFS-10	R201315 R201316 R201470 R202002 R203031	B 1.794" x 10.40" BOLTED CAP	70.961.12	ST70-7
MERITOR	FG-931 FG-933 FG-934 FG-941 FG-943 FG-952 MFS-131015 MFS-13143 MFS-13144 MFS-141015 MFS-14143 MFS-14153	R201309 R201310 R201319 R201321 R201471 R202010 R202042 R203010 R203027	B 1.794" x 10.40" BOLTED CAP	77.931.18	ST70-7
MERITOR	FG-941 MFS-12 MFS-13 MFS-14 MFS-14143 MFS-66	R201609 R202060 R203046	B 1.794" x 9.02" THREADED CAP	70.130.18	ST70-7
MERITOR	FG-941 MFS-12 MFS-13 MFS-14 MFS-14143 MFS-66	R201608 R202056 R203048	B 1.794" x 9.02" THREADED CAP	70.131.18	ST70-7
MERITOR	FA-231 FA-232 FH-951 FL-931 FL-933 FL-941 FL-943 FL-951 MFS-20142	R200198 R200285 R201477 R201312 R202011 R202041 R202044 R203011	B 1.999" x 11.21" BOLTED CAP	78.931.12	ST70-12
MERITOR	MFS-161015 MFS-16122 MFS-16143 MFS-18143 MFS-73	R201475 R201607 R202031 R203040	B 1.999" x 10.30" BOLTED CAP	70.180.18	ST70-12
MERITOR	MFS-16133 MFS-18133 MFS-20133	R201476 R201491 R202030 R203034	B 1.999" x 11.21" BOLTED CAP	70.181.18	ST70-12
MERITOR	MFS-18135 MFS-20135 MFS-75	R201613	B 1.999" x 10.30" BOLTED CAP	70.182.18	ST70-12
DANA	EFA10F5 EFA12F4 EFA13F5	806355 815984 1008431 KPK1156 KPK3006 R200267 R200269 R202007 R203039	A 1.625" x 9.19" THREADED CAP	70.120.05	ST70-6
DANA	E-1000I E-1000W E-1200I E-1200W E-1201I E-1201W E-1320I E-1320W	328342 328344 823078 KPK3011 R200281 R201326 R202001 R202032 R203029	A 1.794" x 9.05" THREADED CAP	70.122.05	ST70-7
DANA	FA-118 FA-127 FA-139 FA-329 FA-337 FA-339 FA-342 FA-343 I-108 I-120 I-132 I-132S	309KK105 343KK100 R200042 R200043 R200074 R200278	B 1.609" x 9.66" BOLTED CAP	70.140.09	ST70-5
DANA	I-100W I-132SG I-140S I-140SG I-140W I-146	140KK100 329022 KPK1158 KPK3064 R201427 R201485 R202020 R202051 R203043	B 2.046" x 10.12" BOLTED CAP	70.141.19	ST70-24
DANA	E-1460I E-1460W	328343 328345 329404 329405 524530 KPK3016 R200308 R201332 R202018 R203018	A 1.872" x 9.05" THREADED CAP	70.146.05	ST70-23
DANA	E-1002I E-1002W E-1202I E-1202W E-1322I E-1322W E-1462I E-1462W	328347 328349 503701 KPK3002 R200301 R201327 R202006 R203038	C 1.872" x 9.05" THREADED CAP	70.147.05	ST70-23
DANA	EFA18F3 EFA18F4 EFA20F4 EFA22T2 ETA22T5 EFA24T2 EFA24T5	811525 KPK1157 KPK3009 R200250 R200319 R202019 R203019 R203028	A 1.872" x 9.97" BOLTED CAP	70.180.05	ST70-23
DANA	D2000F D2200F	331435 220KK300 R201344 R202034 R203034	C 2.046" x 10.07" THREADED CAP	70.201.19	ST70-24
MACK VOLVO	FA-522 FA-523 FA-532 FA-538 FA-5221 FA-5231	301SQ47CP 301SQ47D 301SQ47E R200065 R201329 R202015 R203044 KPK1106	F 1.625" x 7.46" THREADED CAP	70.533.13	ST70-6
MACK VOLVO	FA-616 FA-617	301SQ52 301SQ52A R200071 R201338 R202035 KPK1108	F 2.125" x 8.75" THREADED CAP	70.616.13	ST70-18
TRAILER AXLE					
TMC DEXTER	SELF-STEER	700040	B 2.248" x 11.30"	70.700.20	ST70-29
HENDRICKSON	SELF-STEER KGS230	KA531 98785-068	B 2.249" x 10.60"	70.230.07	ST70-29

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QWIKKIT NO-REAM SPIRAL BUSH

STEMCO Kaiser QwikKit® Kingpin Kits are engineered to simplify and enhance the king pin replacement process for heavy-duty commercial vehicles. Unlike traditional kits, QwikKit eliminates the need for reaming by using precision steel bushings and grooved pins, which significantly reduce installation time. These grooved components also retain up to 300% more grease, ensuring superior lubrication and longer service life.

QwikKit king pins are designed to last up to four times longer than standard options, making them a reliable, efficient, and long-lasting solution for fleet maintenance and repair.



TYPE	MAKE	CROSS REFERENCE	PIN & CAP SPEC	QWIKKIT	LIP SEAL & BUSH DRIVER
STEER AXLE					
MERITOR	FF-931 FF-932 FF-933 FF-934 FF-941 FF-942 FF-943 FF-944 FF-945	R200195 R201307 R201370 R202014 R203014	B 1.794" x 10.40" BOLTED CAP	K931L	ST70-7
MERITOR	FF-941 FF-942 FF-943 FF-944 FF-945 FF-961 FF-962 FF-966 FF-967 MFS-10	R201315 R201316 R201470 R202002 R203031	B 1.794" x 10.40" BOLTED CAP	K961L	ST70-7
MERITOR	FG-931 FG-933 FG-934 FG-941 FG-943 FG-952 MFS-131015 MFS-13143 MFS-13144 MFS-141015 MFS-14143 MFS-14153	R201309 R201310 R201319 R201321 R201471 R202010 R202042 R203010 R203027	B 1.794" x 10.40" BOLTED CAP	KG931R	ST70-7
MERITOR	FG-941 MFS-12 MFS-13 MFS-14 MFS-14143 MFS-66	R201609 R202060 R203046	B 1.794" x 9.02" THREADED CAP	K130R	ST70-7
MERITOR	FG-941 MFS-12 MFS-13 MFS-14 MFS-14143 MFS-66	R201608 R202056 R203048	B 1.794" x 9.02" THREADED CAP	K131R	ST70-7
MERITOR	FA-231 FA-232 FH-951 FL-931 FL-933 FL-941 FL-943 FL-951 MFS-20142	R200198 R200285 R201477 R201312 R202011 R202041 R202044 R203011	B 1.999" x 11.21" BOLTED CAP	KH931L	ST70-12
MERITOR	MFS-161015 MFS-16122 MFS-16143 MFS-18143 MFS-73	R201475 R201607 R202031 R203040	B 1.999" x 10.30" BOLTED CAP	K180R	ST70-12
MERITOR	MFS-16133 MFS-18133 MFS-20133	R201476 R201491 R202030 R203034	B 1.999" x 11.21" BOLTED CAP	K181R	ST70-12
MERITOR	MFS-18135 MFS-20135 MFS-75	R201613	B 1.999" x 10.30" BOLTED CAP	K182R	ST70-12
DETROIT	AF16.0-5 AF18.0-3 AF20.3-3 DA-F 7.3T MBA	6073300419K (LEFT HAND KIT) 6073300519K (RIGHT HAND KIT) 806355 815984 1008431	B 2.125" x 9.75" THREADED CAP	K160A *	ST70-31 *
DANA	EFA10F5 EFA12F4 EFA13F5	KPK1156 KPK3006 R200267 R200269 R202007 R203039	A 1.625" x 9.19" THREADED CAP	K120E	ST70-6
DANA	E-1000I E-1000W E-1200I E-1200W E-1201I E-1201W E-1320I E-1320W	328342 328344 823078 KPK3011 R200281 R201326 R202001 R202032 R203029	A 1.794" x 9.05" THREADED CAP	K122E	ST70-7
DANA	FA-118 FA-127 FA-139 FA-329 FA-337 FA-339 FA-342 FA-343 I-108 I-120 I-132 I-132S	309KK105 343KK100 R200042 R200043 R200074 R200278 140KK100 329022 KPK1158	B 1.609" x 9.66" BOLTED CAP	K140I	ST70-5
DANA	I-100W I-132SG I-140S I-140SG I-140W I-146	KPK3064 R201427 R201485 R202020 R202051 R203043 328343 328345 329404 329405 524530 KPK3016 R200308 R201332 R202018 R203018	B 2.046" x 10.12" BOLTED CAP	K141S	ST70-24
DANA	E-1460I E-1460W	328347 328349 503701 KPK3002 R200301 R201327 R202006 R203038	A 1.872" x 9.05" THREADED CAP	K146E	ST70-23
DANA	E-1002I E-1002W E-1202I E-1202W E-1322I E-1322W E-1462I E-1462W	811525 KPK1157 KPK3009 R200250 R200319 R202019 R203019 R203028	C 1.872" x 9.05" THREADED CAP	K147E	ST70-23
DANA	EFA18F3 EFA18F4 EFA20F4 EFA22T2 ETA22T5 EFA24T2 EFA24T5	331435 220KK300 R201344 R202034 R203034	A 1.872" x 9.97" BOLTED CAP	K180E	ST70-23
DANA	D2000F D2200F	301SQ47CP 301SQ47D 301SQ47E R200065 R201329 R202015 R203044 KPK1106	C 2.046" x 10.07" THREADED CAP	K201S	ST70-24
MACK VOLVO	FA-522 FA-523 FA-532 FA-538 FA-5221 FA-5231	20590487 301SQ53 85108338 85111408 23918062 R202035	F 1.625" x 7.46" THREADED CAP	K533M	ST70-6
MACK VOLVO	FXL12 FXL14.6 FXL18 FXL20 FXL23	301SQ52 301SQ52A R200071 R201338 R202035 KPK1108	E 2.360" x 8.92" THREADED CAP	K536M *	ST90-1
MACK VOLVO	FA-616 FA-617		F 2.125" x 8.75" THREADED CAP	K616M	ST70-18
TRAILER AXLE					
TMC DEXTER	SELF-STEER	700040	B 2.248" x 11.30"	K700T	ST70-29 *
HENDRICKSON	SELF-STEER KGS230	KA531 98785-068	B 2.249" x 10.60"	K230KG	ST70-29 *

* **Kingpin Kit:** Unlike OEM kits that are sold per side, These kits includes components to service both the left and right sides in one kit.

* **Bush Tool:** Unlike other QwikKits that use a T-handle for bushing installation, this kit requires the bush driver to install due to its metal sleeve design.

ECONOKIT SUIT HENDRICKSON

The **STEMCO Kaiser EconoKit®** is a king pin repair solution specifically designed to suit Hendrickson steer axles, including models like Airtek, Softtek and Steertek. This kit features reamable bi-metal bronze bushing and is tailored for applications where the king pin itself is not removed, but the bushings and bearings are replaced instead.

It's a cost-effective solution for restoring steering performance without full king pin replacement.



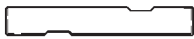
TYPE	MAKE	CROSS REFERENCE	ECONOKIT	LIP SEAL & BUSH DRIVER
HENDRICKSON	AIRTEK SOFTEK STEERTEK	60961-007 60961-039 60961-040 64905-004 0006331-3 0006331-1 (L/HAND SIDE) 0006331-2 (R/HAND SIDE)	50.121.08 *	ST70-32
HENDRICKSON	STEERTEK NXT	60961-631 060961-628 060961-629 (L/HAND SIDE) 060961-630 (R/HAND SIDE)	Coming Soon	

* **Kingpin Kit:** Unlike OEM kits that are sold per side, This kit includes components to service both the left and right sides in one kit.

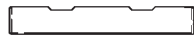
KINGPIN TYPES



A – SINGLE LOCK FLAT



B – DOUBLE LOCK FLAT



C – SAME SIDE LOCK FLATS



E – TAPERED THREADED



F – TAPERED



G – STEP THREADED



H – NO LOCK FLATS



J – SINGLE STEP

QWIKEXTRACT KINGPIN REMOVAL SYSTEM

The **STEMCO QwikExtract®** King Pin Removal System is a fast, safe, and mechanic-designed solution that combines a powerful self-aligning press with a mobile wheel-end cart.

Its innovative alignment system keeps push rods perfectly centered with the king pin, enabling the quickest and most efficient removal process in the industry - without the need to tear down the wheel end.



PART NUMBER	DESCRIPTION	APPLICATION		
QX101	QWIKEXTRACT SYSTEM STANDARD PCD	10 HOLE 285MM BOLT CIRLE		
QX102	QWIKEXTRACT SYSTEM LARGE PCD	10 HOLE 335MM BOLT CIRCLE		
QX103	QWIKEXTRACT SYSTEM TRAILER AXLE	10 HOLE 285MM BOLT CIRCLE WITH HUB EXTENSION		
GUIDE SET	PUSH ROD SET	AXLE MAKE	PLUSKIT	QWIKKIT
QX407	QX404	DANA	70.122.05 70.147.05	K122E K147E
QX410	QX404	DANA	70.180.05	K180E
QX412	QX404	DANA MERITOR	70.120.05 70.931.12 77.931.18	K120E K931L KG931R
QX413	QX404	MERITOR	78.931.12 70.180.18	KH931L K180R
QX415	QX404	DANA	70.140.09	K140I
QX416	QX404	TMC / DEXTER HENDRICKSON	70.700.20 70.230.07	K700T K230KG

Guide Sets * Designed to work with specific spindles on most common axles
 * Several guides available for different king pin diameters

Push Rod Kits * Engineered to withstand the forces and task of pushing out the king pin

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QWIKTIE TIE ROD ASSEMBLY

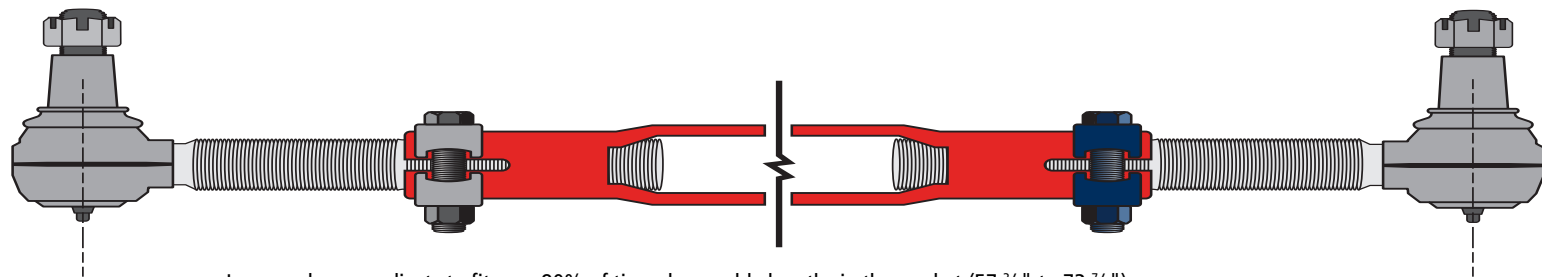
STEMCO's QWIKTIE® Tie Rod Assembly is a universal, heavy-duty solution engineered for maximum strength, adjustability, and inventory efficiency. Designed to fit over 80% of straight tie rod applications, it's a must-have for fleets and parts distributors seeking durability and simplified stocking. With models like QT967SS offering 240% more strength and QT108SB delivering 130% more strength than OEM equivalents, QWIKTIE sets a new standard in steering performance.

Features

- Adjustable length: 57 3/8" to 73 7/8" (grease nipple to nipple)
- Fine threads for precision alignment
- Forged taper pin for extreme durability
- Powder-coated finish for corrosion resistance
- Thread limit groove for safe, confident setup
- Third relief cut for superior clamping force
- Reduces inventory complexity
- Speeds up installation and alignment
- Extends tyre life and improves fuel economy
- Universal fit across platforms
- Heavy-duty performance for demanding conditions



TYPE	MAKE	MODELS	OEM L/H TIE ROD	OEM R/H TIE ROD	QWIKTIE ASSEMBLY
FF	MERITOR	FE SERIES FF SERIES FG SERIES MFS-08 TO MFS-14 MFS-66	A3144E252 L24SV5043A12 R230068 R230127	A3144D524 L24SV5042A12 R230069 R230128	QT967SS
	DANA	D600 TO D800 SERIES EFA10-13 E-1002 TO E-1322I	140TR110 310456 817018 E-4614 E-4617 ES423L	140TR109 310455 817019 E-4615 E-4616 ES423R	
	HENDRICKSON HINO	AIRTEK SOFTEK STEERTEK NE NJ NV SERIES MFS-08			
FFHD	MERITOR	FFHD KENWORTH	R230140 R230421	R230139 R230420	QT108SB
	MACK	FA -SERIES	27191009009 10QH243P2	27191009010 10QH243P1	
FL	DANA	D2000 TO D2200 SERIES EFA18-24 E-1322W TO E-1462	818472 220TR115 E-4628 220TR118 220TR1291	818471 220TR116 E-4629 220TR119 220TR1292	
	DETROIT	DA-F 7.3T AF16-AF20 MBA	TRE2090L TRE3477L	TRE2091R TRE3476R	
	MERITOR	FH SERIES FL SERIES MFS16 TO 22 & MFS73 MFS75	A3144J296 L28SV5001A18 R230070 R230072 R230104	A3144K297 L28SV5000A18 R230071 R230073 R2300105	
	MACK	FL FXL SERIES	10QH39P1 18QK23A	10QK310P1 18QK28A	



Increased range adjusts to fit over 80% of tie rod assembly lengths in the market (57 3/8" to 73 7/8").

QWIKTIE ASSEMBLY	LEFT HAND TIE ROD	RIGHT HAND TIE ROD	QWIKTIE HD TUBE
QT967SS	QTE967L	QTE967R	QTT5773
QT108SB	QTE108L	QTE108R	QTT5773

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WORKSHOP EQUIPMENT

STEMCO has partnered with a trusted tooling manufacturer backed by over 65 years of industry experience. This collaboration is focused on equipping workshops and fleets with premium-quality tools that meet the demands of professional technicians. By combining STEMCO's wheel-end expertise with proven tool innovation, the partnership delivers reliable solutions that enhance efficiency, safety, and service precision across the industry.

PHOTO	PART NUMBER	PRODUCT	DESCRIPTION
	ST-100-1	QwikKit Bush Installation & Removal T-Handle	Designed to install and remove STEMCO QwikKit Spiral bushes with ease Suit K120E K122E K130R K131R K140I K141S K180R K181R K182R K201A K533M K536M K616M K931L K961L KG931R KH931L
	ST-100-3		Designed to install and remove STEMCO QwikKit Spiral bushes with ease Suit K146E K147E K180E
	STK81	NO-GO Gauge Kit	Eliminate uncertainty when inspecting axle eye wear with the NO-GO Gauge Kit - designed for fast, accurate diagnosis using a simple go/no-go method.
	ST70-5	Lip Seal Installation & PlusKit Bush Driver	Designed to be used with 70.140.09 & K140I
	ST70-6		Designed to be used with 70.533.13 & K533M
	ST70-7		Designed to be used with 70.122.05 70.130.18 70.131.18 70.931.12 70.961.12 77.931.18 K122E K130R K131R K931L K961L KH931R
	ST70-12		Designed to be used with 78.931.12 70.180.18 70.181.18 70.182.18 K180R K181R K182R KH931L
	ST70-18		Designed to be used with 70.616.13 & K616M
	ST70-23		Designed to be used with 70.146.05 70.147.05 70.180.05 K146E K146E K180E
	ST70-24		Designed to be used with 70.201.19 & K201S
	ST70-29		Designed to be used with 70.230.07 70.700.20 K230KG K700T
	ST70-31		Designed to be used with K160A
	ST70-32		Designed to be used with 50.121.08
	ST90-1		Designed to be used with K536M
	1045STM	Journal Hone Kit	A specialist 3-leg honing tool with flexible shaft drive and variable spring tension, designed for deglazing 32–85mm bores using three 50mm medium grit stones for smooth, self-centering operation.
	1051STM	Journal Hone Stones	Hone Stone Set is a 3-piece kit featuring 50mm long, #220 grit stones, specifically designed to suit the 1045STM Hone Tool.
	1280STM	Heavy-Duty Tie Rod & Pitman Arm Puller	The Adjustable Pitman Arm & Tie Rod Puller is a heavy-duty tool designed for quick and effective removal of pitman arms, idler arms, and tie rod ends. Built from drop forged steel for maximum durability, it features specially shaped, fully adjustable jaws with clamping bolts to prevent slippage during use. With a 150mm overall length, 65mm jaw opening, and 85mm depth, it's ideal for professional steering and suspension work.
	1282STM	5 Piece Tie Rod & Pitman Arm Set	A heavy-duty 5-piece removal kit designed for quick and reliable extraction of tie rod ends, ball joints, and pitman arms, featuring interchangeable forks with female threads for manual or air hammer use, forged alloy steel construction, and a blow-moulded case with fork sizes of 18, 24, and 29mm.

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STEMCO®

NEVER MISS A MILE

INNOVATIVE MILEAGE SOLUTIONS


STEMCO®
Making the Roadways Safer®



SVT MILEAGE SOLUTIONS



STEMCO® VEHICLE TECHNOLOGY

STEMCO Vehicle Technology (SVT) indicates a STEMCO product that is equipped with smart technology. STEMCO offers several mileage solutions products shown below that are designed with SVT. With better access to data, STEMCO products help improve maintenance efficiency, while increasing fleet safety.

GATE READER | SVT

Automate and manage mileage and fuel information to improve fleet operations with the GateReader SVT, an innovative solution to better inform personnel by automatically collecting readings.

The STEMCO GateReader SVT reads all DataTrac® SVT sensor types and eliminates the need for costly telematics hardware for each trailer.



WEB PORTAL | SVT

WebPortal SVT wirelessly collects readings from the GateReader SVT. Providing the right information at the right time, WebPortal SVT helps reduce labor and maintenance costs.

DataTrac® SVT

Provides mileage data collection and can be used to schedule maintenance by mileage activity rather than time. DataTrac® SVT can be used in conjunction with the HandReader SVT or STEMCO GateReader SVT to capture, download and analyze accurate mileage data.



Fleet Manager Cell Phone Application

Access information you need quickly from your mobile phones with STEMCO's Fleet Manager App. Easily downloadable and available for multiple users, it's a convenient way for you to keep personnel informed of new opportunities for improving fleet operations.



FEATURE	SYNC SERVER SYSTEM	WEB PORTAL SYSTEM
Mobile App Compatible	✓	✓
Multi-User Data Syncing	✓	✓
User Permission Tri-Level Controls (Admin, Power, Base)	✓	✓
Software Fees	Free	Trial period followed by paid subscription
Security Model	Basic	Enhanced
User Management Model	Basic, mobile app based	Full, User Management Model on the Web Portal
Multi-Terminal Support		✓
Gate Reader Compatible		✓
Historical Record Retention	*	5 years
Web Portal Interface		✓
Business System API Integration Available		✓
Fuel and Fluids Logging		✓

*Customer can save real-time snapshots of information to a .csv file sent via email.

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Papua New Guinea

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www.stemco.com.au

MECHANICAL HUBODOMETERS

The **STEMCO Mechanical** Hubodometer is engineered for precision mileage tracking in demanding fleet environments. Whether you're scheduling maintenance, validating warranties, or calculating lease charges, this unit delivers reliable data with rugged durability.



TYPE	DESCRIPTION	TYRE REV'S	TYRE SIZES	PART NUMBER
ANALOGUE - MECHANICAL	MECHANICAL PRECALIBRATED HUBODOMETER	311	11R22.5 15R22.5 295/85R22.5 385/65R22.5 385/75R22.5	650-0536
ANALOGUE - MECHANICAL	MECHANICAL PRECALIBRATED HUBODOMETER	342	255/80R22.5 275/70R22.5	650-0724
ANALOGUE - MECHANICAL	MECHANICAL PRECALIBRATED HUBODOMETER	357	10.00R15 11R17.5 255/70R22.5	650-0549

ELECTRONIC HUBODOMETERS

STEMCO's DataTrac hubodometers offer electronic mileage tracking with two options: pre-programmed units calibrated for specific tyre sizes, and programmable models that can be customized in the field using a STEMCO tool. Both are built for durability, accuracy, and easy installation, making them ideal for fleets seeking reliable data across varied applications.



TYPE	DESCRIPTION	TYRE REV'S	TYRE SIZES	PART NUMBER
DIGITAL - ELECTRONIC	DATATRAC PRE-PROGRAMMED HUBODOMETER	311	11R22.5 15R22.5 295/85R22.5 385/65R22.5 385/75R22.5	600-4311
DIGITAL - ELECTRONIC	DATATRAC PRE-PROGRAMMED HUBODOMETER	342	255/80R22.5 275/70R22.5	600-4342
DIGITAL - ELECTRONIC	DATATRAC PRE-PROGRAMMED HUBODOMETER	357	10.00R15 11R17.5 255/70R22.5	600-4357
DIGITAL - ELECTRONIC	DATATRAC PRO PROGRAMMABLE HUBODOMETER	PROGRAM TO SUIT ANY TYRE SIZE		600-9999

RF ELECTRONIC HUBODOMETERS

The **STEMCO TracBAT RF** is a wireless electronic hubodometer that enables accurate mileage tracking and seamless integration with fleet management systems. It's tamper-resistant, designed for easy activation and secure mounting, and programmable in the field using a STEMCO tool, making it a smart solution for fleets seeking real-time data and long-term reliability.



TYPE	DESCRIPTION	TYRE REV'S	TYRE SIZES	PART NUMBER
DIGITAL - ELECTRONIC	DATATRAC SVT TRACBAT RF RADIO FREQUENCY HUBODOMETER - PROGRAMMABLE	PROGRAM TO SUIT ANY TYRE SIZE		604-8005

SVT ELECTRONIC HUBODOMETERS

The **STEMCO DataTrac SVT** is a re-programmable Bluetooth hubodometer that wirelessly tracks and updates mileage data via the Fleet Manager App. Designed for flexible fleet configurations and changing tyre specs, it delivers precise, tamper-resistant performance accessible via mobile devices, gate readers, or web-based platforms to retrieve trip data, fuel and oil metrics, and lifetime mileage records.



TYPE	DESCRIPTION	TYRE REV'S	TYRE SIZES	PART NUMBER
DIGITAL - ELECTRONIC	DATATRAC SVT BLE BLUETOOTH HUBODOMETER RE-PROGRAMMABLE	PROGRAM TO SUIT ANY TYRE SIZE		607-8004

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TYRE SIZE	REV'S	TYRE SIZE	REV'S	TYRE SIZE	REV'S	TYRE SIZE	REV'S
7.00-15	436	10.00-22	300	14.00-24	249	245/70R15	460
7.00R15	436	10.00R15	357	14.00R20	260	245/70R17.5	418
7.50-15	410	10.00R20	315	14.5R20	412	245/70R19.5	396
7.50-16	400	10.00R22	310	14/80R20	304	245/75R16	432
7.50R15	432	10.00R24	300	14-17.5	357	245/75R22.5	346
7.50R16	412	10R17.5	396	15-19.5	336	255/70R22.5	357
7.5-20	346	10R22.5	324	15-22.5	311	255/80R22.5	342
8.00R16.5	460	11.00-20	300	15R22.5	311	265/70R19.5	380
8.25-15	396	11.00-22	290	16.00R20	249	265/75R16	412
8.25-20	336	10.00R20	300	16.5-22.5	294	265/75R22.5	336
8.25R15	396	11.00R22	290	16.5R22.5	294	275/70R22.5	342
8.25R16	380	11.00R24	280	18-19.5	311	275/80R22.5	320
8.25R20	342	11.50-20	304	18-22.5	290	275/80R24.5	315
8.5R17.5	412	11/70R22.5	346	185/70R15.5	513	285/70R19.5	373
8.75-16	450	11-22.5	311	18R19.5	306	285/75R24.5	315
8.75R16	450	11-24.5	300	18R22.5	283	295/75R22.5	330
8.75R16.5	436	11R17.5	357	195/75R14	413	295/80R22.5	315
8-14.5	460	11R22.5	311	205/60R17.5	483	295/85R22.5	311
8-19.5	380	11R24.5	300	205/65R15	507	305/70R22.5	330
8-22.5	346	12.00-20	290	205/75R15	483	305/75R24.5	306
8R17.5	420	12.00-24	270	205/75R17.5	436	315/70R22.5	324
8R19.5	396	12.00R20	290	205/85R16	435	315/75R22.5	315
9.00-15	378	12.00R24	270	215/70R17.5	436	315/80R22.5	306
9.00-20	311	12.5-22.5	304	215/75R15	472	365/70R22.5	300
9.00R15	378	12.5R20	320	215/75R17.5	432	365/80R20	304
9.00R20	324	12.5R22.5	300	215/85R16	432	37x12.5R16.5	357
9.50-16.5	432	12.75R22.5	304	225/70R15	465	385/55R22.5	332
9.50R16.5	432	12-16.5	400	225/70R19.5	400	385/65R19.5	330
9.5-17.5	396	12-22.5	300	225/70R22.5	357	385/65R22.5	311
9-14.5	460	12-24.5	290	225/75R15	450	385/75R22.5	311
9-22.5	336	12R22.5	304	225/75R16	450	395/85R20	280
9R16.5	432	12R24.5	290	225/75R17.5	420	425/65R22.5	294
9R17.5	396	13.00R20	280	225/90R17.5	380	445/45R19.5	366
9R22.5	342	13/80R20	315	235/75R15	450	445/50R22.5	324
10.00	324	13-22.5	290	235/75R17.5	412	445/65R19.5	306
10.00-15	357	13R22.5	294	235/80R22.5	346	445/65R22.5	283
10.00-20	310	48x34x20	270	235/85R16	412	445/95R25	224

Note: The information provided is intended as a general guide only. RPK (Revolutions Per Kilometre) ratings may vary between tyre brands and models. For precise RPK ratings for a specific tyre size, please consult the tyre supplier or manufacturer directly.

To assist with accurate RPK calculations, use the **STEMCO Tyre Calculator Tool** available on the **Programmer 801-6000** (compatible with DataTrac, DataTrac Pro, and TracBat RF), or the **STEMCO Fleet Manager App** (DataTrac SVT Bluetooth only).

For tyre size comparisons and specifications, visit the Tyre Size Calculator. WWW.TIRESIZE.COM/CALCULATOR

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HUBCAP, BRACKET & WINDOW KITS

Engineered to provide a secure, vibration-free mount, which is critical for accurate mileage tracking. Built to withstand harsh road conditions and maintain alignment, ensuring your hubodometer performs exactly as intended

- **610 Series** brackets ensure accurate mileage tracking, fast installation and compared to generic mounts, they offer superior fit, durability, and alignment, reducing downtime and misreadings.
- **640 Series** constructed entirely from Grilamid thermoplastic, the hubcaps deliver lightweight strength, UV resistance, and chemical durability. Unlike steel or polycarbonate alternatives, they resist corrosion and impact in harsh environments.



TYPE	DESCRIPTION	SUITS	PART NUMBER
WINDOW MOUNTED KIT	HUBODOMETER MOUNTED VIA WINDOW KIT SUIT 3-1/2" WINDOW	MECHANICAL & ELECTRONIC	359-6117
BRACKET – DRIVE AXLE	DRIVE AXLE MOUNT SUIT 7" BCD WITH 5/8" STUDS	MECHANICAL & ELECTRONIC	610-0006
BRACKET – DRIVE AXLE	DRIVE AXLE MOUNT SUIT 7" BCD WITH 3/4" STUDS	MECHANICAL & ELECTRONIC	610-0007
BRACKET – UNIVERSAL	3 PIECE UNIVERSAL BRACKET HIT 5-1/2" TO 7-1/2" BCD	MECHANICAL & ELECTRONIC	610-0011
BRACKET – HUBCAP	2 LEG BRACKET SUIT 4009 SERIES 5-1/2" BCD 6 BOLT HUB CAPS	MECHANICAL & ELECTRONIC	610-0065
BRACKET - HUBCAP	4 LEG BRACKET SUIT 4195 SERIES 6-3/4" BCD 6 BOLT HUB CAPS	MECHANICAL & ELECTRONIC	610-0084
BRACKET - HUBCAP	WINDOW RING MOUNT BRACKET SUIT 3-1/2" WINDOW	MECHANICAL & ELECTRONIC	610-0090
ENTIRE HUBCAP	GRILAMID HUBCAP WITH VENTING 5-1/2" BCD 6 BOLT HUB CAP	MECHANICAL & ELECTRONIC	640-0001
ENTIRE HUBCAP	GRILAMID HUBCAP WITH VENTING 5-1/2" BCD 5 BOLT HUB CAP	MECHANICAL & ELECTRONIC	640-0002
ENTIRE HUBCAP	GRILAMID HUBCAP WITH VENTING 6-1/4" THREADED HUB CAP	MECHANICAL & ELECTRONIC	640-0003

HUBCAP & SHROUD COMBINATIONS

Using a shroud protector around your hubodometer offers essential protection and performance benefits, especially in demanding fleet environments. It shields the hubodometer from physical impacts, road debris, and accidental damage during wheel servicing, helping prevent costly replacements and downtime.



TYPE	DESCRIPTION	SUITS	SERIES	PART NUMBER
SHROUD – HUBCAP	WINDOW RING MOUNT SHROUD SUIT 3-1/2" WINDOW	ELECTRONIC	4009, 4075, 4195 CAPS	600-99AS
SHROUD - UNIVERSAL	WELD ON SHROUD PROTECTOR – BRACKETS & HUBCAPS	ELECTRONIC	WELD TO METAL SURFACE	600-99WELD
HUBCAP & SHROUD	UNITIZED HUBCAP AND HUBODOMETER SHROUD	ELECTRONIC	BPW ECO & ECO+3 (M135 x 2MM THREADED)	0321225080HUBO
HUBCAP & SHROUD	UNITIZED HUBCAP AND HUBODOMETER SHROUD	ELECTRONIC	BPW ECO+ (M136 x 2.5MM THREADED)	0321225310HUBO
HUBCAP & SHROUD	UNITIZED HUBCAP AND HUBODOMETER SHROUD	ELECTRONIC*	BPW NEW GEN (M125 EXTERNAL THREADED)	0321224070HUBO

* **Note:** This BPW shroud was originally designed for a different brand of electronic hubodometer. To properly fit a **STEMCO DataTrac**, the alloy casting slag inside the shroud must be cleared. This ensures a clean seating and prevents interference with the hubodometer body.

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PROGRAMMER & HANDREADER

The **STEMCO HandBAT Reader** and **DataTrac Pro Programmer** are essential tools for managing and configuring STEMCO's electronic hubodometers, especially in fleet environments where precision and efficiency matter.

DataTrac Pro Programmer is used to configure DataTrac Pro and TracBat hubodometers before installation. It allows users to set tyre revolutions, and input a mileage preset to match the vehicle's current odometer.

HandBAT Reader is a handheld RF device used to wirelessly read mileage data from DataTrac SVT sensors installed on vehicles. It allows users to view mileage, reset trip counters, and store readings for later upload to the WebPortal SVT.



DESCRIPTION	PART NUMBER
DATATRAC PRO & TRACBAT RF PROGRAMMER – USED WITH 600-9999 (DATATRAC PRO) & 604-8005 (TRACBAT RF)	801-6000
TRACBAT RF HANDBAT READER & VESPER USB DOWNLOAD POD – USED WITH 604-8005 HUBODOMETER	820-1000

SVT MILEAGE SOLUTIONS

STEMCO GateReader SVT™ System is a smart, wireless solution designed to automate mileage data collection for fleets using DataTrac SVT electronic hubodometers. Instead of manually walking around vehicles to gather readings, the GateReader uses bluetooth to automatically capture mileage as trucks pass through a designated gate or checkpoint.

The GateReader SVT streamlines fleet management, improves data accuracy, and helps reduce downtime by enabling proactive maintenance planning.

WebPortal SVT is a subscription-based platform offering advanced features like automated data collection via GateReader, multi-terminal support, historical record retention, and integration with business systems.

Fleet Manager App is a free app available on iOS and Android - allows users to configure hubodometers, view real-time mileage, and manage vehicles on the go, while the WebPortal SVT delivers deeper analytics management tool.



DESCRIPTION	PART NUMBER
SVT GATEREADER SYSTEM (240V) – USED WITH 607-8004 BLUETOOTH HUBODOMETER AND SVT WEB PORTAL	882-1000
SVT GATEREADER SYSTEM (SOLAR COMING SOON) – USED WITH 607-8004 BLUETOOTH HUBODOMETER AND SVT WEB PORTAL	882-2000

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DELIVERING COMFORT AND PERFORMANCE

Super Cushion[®] Rolling Lobe Air Springs feature heavy-duty materials and construction to deliver industry-leading vibration isolation, weight savings and longevity.

Designed for unrivaled comfort and performance, they reduce driver fatigue, decrease component wear, lower downtime and improve safety.

Superior Rubber Chemistry

Chemical additives infused into natural rubber walls provide exceptional ozone resistance, resulting in less flex-cracking and longer service life.

Reduced Weight

Innovative materials and design technology allow Super Cushion Air Springs to weigh less than competitive products for added fuel savings.

Bracket Dimples

Non-elongated design provides a more secure mounting for the air spring, increasing longevity and reducing vibration and misalignment.

Internal Wall Cord

High-strength, extra-tight cord provides exceptional wall and internal splice strength.

Comfort

Reduced driver fatigue and increased safety.

Equipment Longevity

Improved vibration isolation reduces wear and tear on truck and trailer components.



Garlock
— An ENPRO Company —





Goodyear Air Springs are a trusted solution across the trucking industry, engineered to deliver superior ride quality, durability, and load handling for a range of application. Known for their rugged construction and consistent performance, Goodyear air springs are built to keep trucks rolling smoothly and safely. Whether you're upgrading ride quality or improving fleet longevity, these air springs deliver superior vibration isolation, enhanced driver comfort, and reliable load handling across rear suspension, cabin suspension, and lift axle applications.

PART NUMBER	TRUCK REAR SUSPENSION	OEM / MISC PART NUMBERS
1R11-028	AIRGLIDE 100 - No Bracket Style (Kenworth)	K303-6, K303-14, K303-15, AS94220, W013589422, W015449214, MAF9422
1R11-242	AIRGLIDE 100 - New Bracket Style (Kenworth)	K303-16, AS96160, W013589616, MAF9616
1R11-219	AIRGLIDE 200 – 9” Ride Height with 3/4" Fitting (DAF & Kenworth)	K303-18, 1698433, AS96170, W013589617, MAF9617
1R11-220	AIRGLIDE 200 – 10” Ride Height with 3/4" Fitting (Kenworth)	K303-19, W013589618, MAF9618
1R11-221	AIRGLIDE 200 – 9” & 10” Ride Height with 1-5/16” (DAF & Kenworth)	K303-22, K303-28, AS96221, AS96750, W013589622, W013589675, MAF9622
1R11-222	AIRGLIDE 200 – 10.5” Ride Height with 1-5/16” Fitting (Kenworth)	K303-25, AS96250, W013589625, MAF9625
1R11-268	AIRGLIDE 200/400/460/690 – 9 & 10.5” Ride Height (DAF & Kenworth)	C81-1004, C81-1005, TRP9541AU, TRP9547AU, W013589541, W013589547, MAF9541, MAF9547
1R12-603	AIRLINER I & II SUSPENSION (Ford, Freightliner, Mercedes, Sterling, Western Star)	16-13810-000, 16-19465-000, 681 320 0017, TRP9780, W01-377-8536, W01-377-9781
1R12-620	HENDRICKSON HAS SUSPENSION – Low Profile (Hino)	49710-3121, 56917-001, 56917-002, 58849-002, 58849-003, 65086-002
1R12-403	HENDRICKSON HAS SUSPENSION – Standard Profile (CAT, Ford, Hino, International, IZUSU, IVECO, Kenworth, Mack, Mitsubishi FUSO, Sterling, UD, Western Star)	57122-1, 57122-001, 57122-2, 57122-002, 50899-001, 49710-2880, 1-52110192-0 W013589373, W01-358-9373, 64265, MAF9373
1R12-1093	HENDRICKSON PAX/Primaax Suspension (CAT, Freightliner, International, IVECO, Kenworth, Mack, Sterling, Western Star)	60271-2, 60271-002, 60271-002L, 57WLS7M, W013589663, W01-358-9663 67573, MAF9663
1R12-555	INTERNATIONAL SUSPENSION – Steer Axle (International & IVECO)	97388017, HP301-134, 23377-01, W013588017, W013588961, 64658
1R12-432	INTERNATIONAL Ride Optimized Suspension	350243C94, 3541731C1, 3541731C2, W013581191, W01-358-1191, 66908, MAF1191
1R12-401	INTERNATIONAL Air Ride Suspension	1670043C1, 1686386C1, W013589371, W01-358-9371, 69646, MAF9371
1R12-403	MACK SUSPENSION – AL460	57122-1, 57122-001, 57122-2, 57122-002, 50899-001, 49710-2880, 1-52110192-0 W013589373, W01-358-9373, 64265, MAF9373
1R12-1093	MACK SUSPENSION – AP460	60271-2, 60271-002, 60271-002L, 57WLS7M, W013589663, W01-358-9663 67573, MAF9663
1R12-419	MITSUBISHI FUSO SUSPENSION – 2 Bolt Spring (FK, FM, FN, FP, FS, FV Series)	MK330010, MK316005, MK316885, 10709.002, 1R12-473
1R14-117	MITSUBISHI FUSO SUSPENSION – 4 Bolt Spring (FK, FM, FN, FV, FP Series)	MK321367, 266283031, 591K83046100, M2X10721, 10709.005
1R12-092	NEWAY SUSPENSION – ARD, ARDST, ARDST-10 (Mack & Western Star)	1R12-509, 1R12-547, 90557006, 90557027, 90557075, W013589082, 64269, MAF9082
1R12-553	NEWAY SUSPENSION – AD123, AD126, AD246 6.5” & 8.75” Ride Height (Internation & IVECO)	90557147, 905-57-147, 90557213, 905-57-213, IT100020, W013589472, W013589491
1R12-552	NEWAY SUSPENSION – AD123, AD126, AD246, AD252 10” Ride - Pre 2000 (Ford, Freightliner, International, IVECO, Kenworth, Mack, Sterling & Western Star)	1R12-372, 1R12-485, 90557212, 905-57-212, 90557146, 905-57-146, 90557182, 905-57-182 90557214BKT, W013589471, W01-358-9471, 64416, MAF9471
1R14-159	NEWAY SUSPENSION – AD123, AD126, AD246, AD252 10” & 11” Ride – Post 2000 (Freightliner, International, IVECO, Kenworth, Sterling & Western Star)	90557270, 90557111, S25319, S-25319, W013588793, W013589164, MAF9264
1R14-160	NEWAY SUSPENSION – AD252-11 & AD378-11 11” Ride Height - Some Mack (See Goodyear Catalogue)	90557155, 90557323, W013589144, 64347, MAF9144
1R12-484	NEWAY SUSPENSION – AD252-12 & AD378-12 12” Ride Height - Some Mack (See Goodyear Catalogue)	90557215, 90557216, W013589504, W013589473, 64418, MAF9504

Helping Industry Become; More Safe, More Productive, More Sustainable

PART NUMBER	TRUCK CABIN SUSPENSION	EXTENDED HEIGHT	OEM / MISC PART NUMBERS
1S4-007	CABMATE & MACK Freightliner, International, IVECO Kenworth, Mack, Volvo	7.1"	1101-0020, 1102-0023, 1102-K023, 3261050R1, R81-1001, 227QS33 67770, W02-358-7001, W02-358-7002, W02-358-7031, FS7001
1S4-008	CABMATE, INTERNATIONAL & MACK Ford, Sterling, Freightliner, International, IVECO, Mack, Volvo	10.5"	1102-0021, 1102-0022, 1101-0024, 1102-0031, 594646C1, 227QS39301 67769, W02-358-7010, W02-358-7040
1S4-067	MACK Mack & Volvo	7.1"	227QS34, 227QS34A, 227AS34B, 25166846, 1S6-067, W02-358-7007
1S4.5-073	CABMATE CAT Trucks	11"	1101-0030, W02-358-7116
1S4.5-113	CABMATE Ford, Sterling, Freightliner	11"	1102-0043, 1102-A043, 1102-0047
1S4.5-179	CABMATE International & IVECO	6.2"	1101-0031, 1101-A031, 2507408C1
1S4-234	CABMATE Kenworth, PACCAR & Peterbilt	7.5"	2016754, R81-6003, W02-358-6754, W02-358-7132, W02-703-6754 W02-703-7166
1S5-005	CABMATE International, IVECO (Navistar USA Suspension)	9.5"	1101-0040, 8633-1S5005, W02-358-7012
1S5-010	M & W AIR RIDE Kenworth	6.25"	SC29-YG01, 67882
1S5-032	CABMATE Kenworth, Mack, Volvo, Western Star	11"	1101-0042, 1101-A042
1S5-038	CABMATE Freightliner, International, IVECO, Kenworth, Mack, Volvo	10.5"	1101-0043, 1101-A043, 1102-0076, 1103-A043, 2501300C1, 2505126C1 2991-0040, W02-358-7081
1S5-057	CABMATE International, IVECO	6.25"	1102-0075, 2500012C1, 2507756C1, 67852, W02-358-7108, W02-600-7108
1S5-135	CABMATE International, IVECO (Navistar USA Suspension)	6.8"	1101-0044, 1101-A030, 1101-A045
1S5-152	CABMATE Kenworth	10.5"	1102-0082, 1102-A082, 1102-B082, 1102-K082, R81-1002, 69437 W02-358-7110, W02-600-7110
1S5-154	MACK Mack & Volvo	9.5"	20831952, 227QS312BM, 78405
1S5-157	CABMATE Freightliner, International, IVECO, Kenworth	6.8"	1102-0074, 1699064C1, 20315552, 67768, W02-358-7064, W02-600-7064
1S5-164	MACK Mack & Volvo	9.8"	227QS47M, 227QS45M, 227QS47M, 21128983, 25182314, 78417
1S5-175	DTNA Freightliner & Western Star (Large Bag)	9.1"	18-52651-000, 18-52651-001, 18-40977-000, 18-66715-000, 18-73178-000 66003-3406, 67451,67638, 68161, W02-358-7207, W02-358-7215
1S5-176	DTNA Freightliner & Western Star (Small Bag)	6.6"	18-29919-000, 18-40977-000, 66003-3405, 67451, 67452, 67853 W02-358-7064, W02-358-7092, W02-358-7205, W02-358-7206
1S5-186	CABMATE Kenworth	10.5"	1102-1001, 1102-1002, 29-02454, 29-03200, 68162, 75707 W02-358-7036, W02-600-7134
1S6-023	MACK Mack & Volvo	10.9"	HRV090601002
1S6-026	MACK Mack & Volvo	10.88"	227QS310AM, 227QS310BM
1S6-055	MACK Mack & Volvo	10.8"	1101-A060, 1101-0061, 1S6-025, 21128980, 25166135, 227QS45AM 227QS46M, 227QS46AM, 227QS312M, 227QS312AM

PART NUMBER	TAG/LIFT AXLE SUSPENSION	OEM / MISC PART NUMBERS
2B12-406	AIRLINER LIFT AXLE SUSPENSION – Pre 1990 (Ford, Freightliner, Sterling & Western Star)	16-11378-000, 554792C1, W01-358-7410, 64268, MAF7410
2B12-309	AIRLINER LIFT AXLE SUSPENSION – Post 1990 (Ford, Freightliner, Sterling & Western Star)	16-10769-000, C-1013
3B12-312	HENDRICKSON LIFT AXLE SUSPENSION COMPOSILITE EXS13 & EXS20 (ISUZU) – Main Air Bag	B-14487, 001346
2B7-548	HENDRICKSON LIFT AXLE SUSPENSION COMPOSILITE EXS13 & EXS20 (ISUZU) – Smaller Bag	005079
1R12-256	HENDRICKSON LIFT AXLE SUSPENSION HLM-2 & Toughlift FMT – Main Air Bag	S-14249, S14249, B-14249, B14249, B-4375, B4375, W013589321, W013589367
2B9-201	HENDRICKSON LIFT AXLE SUSPENSION HLM-2 & Toughlift FMT – Smaller Air Bag	S-14318, S14318, B-14318, B2630, B-2630, S-14318, S14318, W013586935, MAF6935
1R14-171	HENDRICKSON LIFT AXLE SUSPENSION INTRAAX – Main Air Bag	S-20901, S-21800, C-20901, C-21800
2B9-495	HENDRICKSON LIFT AXLE SUSPENSION INTRAAX – Smaller Air Bag	

Helping Industry Become; More Safe, More Productive, More Sustainable

Goodyear Air Springs proprietary **Super-Cushion®** design, introduced as early as 1957, uses advanced rubber compounds reinforced with fabric plies and steel bead rings, allowing them to perform reliably in extreme climates—from freezing Alaskan roads to scorching desert highways.

Unlike many competitors, Goodyear air springs are engineered to operate vertically, horizontally, or at an angle, offering unmatched versatility and rapid actuation without the need for lubrication or sliding seals that wear out over time



PART NUMBER	TRAILER SUSPENSION	RIDE HEIGHT	OEM / MISC PART NUMBERS
1R12-261	FREUHAUF NT (New Zealand) USA BUILT	25"	UCE-9393-1, UCE-9393-2, UCE-9393-3, UCE-9393-4, 1R12-281, 64327
1R12-103	FREUHAUF SA REYCO AR86, AR86T, AR87-9, AR87-14 SAF HOLLAND - NEWAY AR75	27"	12883-01, 64279, 900-44-701, 905-57-008, 905-57-009, 905-57-082 W01-358-9101
1R12-534	FUWA K-HITCH KT250U WATSON & CHALIN TA250U	7-14"	N100521-003, 64708, AS-0061, AS-0061G, W01-358-9243, W01-358-861
1R12-541	FUWA K-HITCH KT250U WATSON & CHALIN TA250U	6.5"	N100521-002, 64650, AS-0113, AS-0113G, W01-358-825
1R13-155	FUWA K-HITCH KT250T WATSON & CHALIN TA250T	15-19"	N100521-001, 64649, AS-0107, AS-0107-G, AS-0107-1G, W01-358-8637
1R13-119	HENDRICKSON HT230T 11.3T (Single Stud) FUWA K-HITCH KT230O, KT230S (Without Blind Nuts)		C-20010, S-20010, 64287, N100521-013, W01-358-8800 W01-358-9270, W01-358-9579
1R12-256	HENDRICKSON HT250U 11.3T	7.5"	B-4375, B-14249, S-13160, S-14249, 64384, 905-57-010, W01-358-9121
1R12-366	HENDRICKSON HT190U	21"	C-20217, C-20716, S-20217, S-20716, 64401, W01-358-8944, W01-358-9015
1R12-375	HENDRICKSON HT250T, HT250U 11.3T (9" Wide Bag)	24"	C-20124, C-20413, S-20413, 1R12-249, 64288, W01-358-9265
1R12-1180	HENDRICKSON INTRAAX AAT, AANL (7.5-9") AANLS (10")	7.5-10"	S-23611, W01-358-9646, 64694, SP0084A, SP0084GA
1R12-1181	HENDRICKSON INTRAAX AAT, AANL (10-12") AANLS (11-12")	10-12"	S-23612, W01-358-9645, SP0070GA, 64695
1R12-1182	HENDRICKSON INTRAAX AAT, AANL (6.5") AANLS (6.5-9")	6.5-9"	S-23721, W01-358-9644, SP0066A, SP0066GA, 64693
1R13-038	HENDRICKSON HT300U 13.6T	7.5-9"	B-12514-008, B-3830, C-22173, S-3467, S-3830, 64273
1R13-118	HENDRICKSON HT250S (USA BUILT) 11.3T (10" Wide Bag)		1R13-081, 29892, C-20127, C-20414, S-20127, S-20414, 64394 AS95800, W01-358-9262
1R13-127	HENDRICKSON HT250U		1R12-256, C-13122, B-14249, 64637, MAF8793, W01-358-9264
1R13-159	HENDRICKSON HKA180, HKA200, HKANT40K, HKANT45K INTRAAX AA230T/AAT23K/AANT23K/AANT230/AAT230/AA250	16"	1R13-103, C-20900, C-21800, S-20900, S-21800, 64645, W01-358-8709 W01-358-8751
1R13-235	HENDRICKSON INTRAAX AA300L, AA300EDL, AAEDL30K, AAL30K		C-23872, S-25872
1R13-239	HENDRICKSON HT230T 11.3T (Dual Stud)		1R13-112, C-21208, S-21208, S-25559, 66447, W01-358-9579
1R14-039	HENDRICKSON HT300T 13.6T, T15-172, T17-174		36514-13, B-4771, 64254, 64745
1R14-127	HENDRICKSON HT250U 11.3T	9"	C-13122, 64637
1R14-159	HENDRICKSON INTRAAX AA300EDT/AAEDT30K	14-17"	C-25319, S-25319, W01-358-8793, W01-358-9164
1R14-171	HENDRICKSON HKA250, HKAT50K, INTRAAX AANT23K/AANT230 10.5T/AAT250/AAT25K		1R14-093, C-20901, C-21784, S-20901, S-21784, 64421, W01-358-8091
1R14-172	HENDRICKSON INTRAAX AA300T/AAT30K/AAT300		C-25873, C-27341, S-25873, S-27341, 65593, 1R14-190, W01-358-8774
1R12-352	RIDEWELL MONOPIVOT 240 (Some) REYCO AR87-14	18"	1003589010C, 1R12-421, 12928-01, B-2827, S-2827, S-11566, 64258
1R13-097	RIDEWELL MONOPIVOT 240 (Overslung)	17"	1001R13-087, 1001R13-097, 1R13-087, 1003588725C, 67600
1R12-092	SAF HOLLAND - YORK TECAIR FB X400, U190, VRH SAF HOLLAND - NEWAY AR75, ARS, ARL REYCO AR86, AR86T HENDRICKSON T23-US-6 RIDEWELL MONOPIVOT 240 (Underslung)	21"	61.610049, 61.610121, 1R12-509, 1R12-547, 64269, 1003589082C, S-542-C 12882-01, 36514-7, B-2066, 21208939, 905-57-006, 905-57-027, 905-57-037 905-57-054, 905-57-075, W01-358-9082
1R13-039	SAF HOLLAND - NEWAY AR41-955 REYCO AR86, AR86T WATSON & CHALIN TA250-300	24"	905-570-019, 905-57-052, 905-57-078, 905-57-083, AR-1115-1-G, 64746 1090326, 12883-02, AS-0013, AS-0083
1R12-481	SAF HOLLAND - NEWAY AR93	14"-16"	905-57-118, 67278
1R12-499	SAF HOLLAND - NEWAY RL228	14"-16"	905-57-156, 64405
1R12-502	SAF HOLLAND - NEWAY AR92	12"-14"	905-57-117, 64402
1R12-532	SAF HOLLAND - NEWAY RL228	17"	905-57-157
1R11-039	SAF HOLLAND - YORK TECAIR FB X300, X370, U150	17"	61.610050, 61.610122, 1R11-121, 64379
1R14-215	SAF HOLLAND - NEWAY AD SERIES SAF HOLLAND - YORK TECAIR FB3 DUROTRAC	22"	905-57-110, 1R13-047, 64347, 61.610443, 3529141 W01-358-9141, P109141
1R12-602	TMC SL10		626104-602, 626104/602
1R12-642	TMC LMV, LM XP & VS		626104-642, 626104/642, 1R12-854, 1R12-890, US07337
1R12-664	TMC LMV, LM XP	330mm	626499, 626499-642, 626499

Helping Industry Become; More Safe, More Productive, More Sustainable

PROVIDING LONG-TERM FLEXIBILITY, DURABILITY, PERFORMANCE

GAFF™ develops and manufactures custom formulations of polyurethane to provide the exact hardness and durability required for optimal performance in their intended applications, resulting in increased service life of the suspension system, reduced maintenance costs and less downtime.

Heat Resistant

Maintains physical and chemical properties under temperature extremes.

Ozone and UV Resistant

Less susceptible to primary cause of "dry rot" in rubber.

Chemical Resistant

Fights degradation by fuel, oil and grease.

Tear Resistant

Exceptional chemical stability and high elasticity in demanding conditions.

Superior to Rubber

Increased durability and more precise performance characteristics.



TORQUE ROD ASSEMBLY

APPLICATION	SUSPENSION	OEM	LENGTH	PART NUMBER	ROD TYPE	BUSH TYPE	BUSHING
FREIGHTLINER WESTERN STAR	AIRLINER	16-16749-002, 16-16749-000 16-21340-001, TR46-41002	C TO C 24-5/16"	11081	1	A	2 x 11004
FREIGHTLINER WESTERN STAR	AIRLINER	16-15632-000, TR46-41000	C TO C 24-1/2"	11152	1	B	2 x 13520
FREIGHTLINER WESTERN STAR	AIRLINER	16-15632-000, TR46-41000	C TO C 24-1/2"	11152EZ	1	E	2 x 83520
KENWORTH	AIRGLIDE 100	K195-376, 935720AA TR59-41376	C TO C 24"	11835	2	D-E	1 x 83520 1 x 13518
KENWORTH	AIRGLIDE 100	K195-376, 935720AA TR59-41376	C TO C 24"	11080	2	B-D	1 x 13520 1 x 13518
KENWORTH	AIRGLIDE 100	K195-375, K195-374 944270 TR59-41375	C TO C 24"	11751	1	B	2 x 13520
KENWORTH	AIRGLIDE 200 400 / 460 / 690	K195-474, K195-472 TR59-41474	C TO C 19-3/4"	11773	1	C	2 x 11729

BUSHING STYLES

A ANTI-WALK SLEEVELESS	B OEM STANDARD	C STRESS RELIEF	D TAPERED BUSH	E EASY MOUNT FREE ROTATION

TORQUE ROD TYPES

TYPE 1	TYPE 2	TYPE 3	TYPE 4	TYPE 5	TYPE 6	TYPE 7

TORQUE ROD ENDS - WELD TO LENGTH

ASSEMBLY TYPE	OEM	LENGTH	PART NUMBER	ROD TYPE	BUSH TYPE	BUSHING
TUBE END		8-9/16"	13681	6		
TUBE END	46610, 1693531C1, IPC928630, 66610000H	8-9/16"	13683	3	B	1 x 13520
TUBE END	46630, 1693533C1, IPC928630	8-9/16"	13686	4	D	1 x 13518
TUBE END	46630, 1693533C1, IPC928630	8-9/16"	13790	3	E	1 x 83520
ROD END		25-7/16"	13682	7		
ROD END	46660, 1693536C1, IPC928660, 66660-000H	33-7/16"	13690	5	B	1 x 13520
ROD END	46661, 1693537C1, IPC928661	25-7/16"	13691	5	B	1 x 13520
ROD END	46661, 1693537C1, IPC928661	25-7/16"	13789	5	E	1 x 83520

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UNIVERSAL STYLE STRAP BATTERY BOX LATCH

10024

OEM#

L.G. 150 mm



SHIFTER BUSH KIT

SUIT EATON TRANSMISSION
ROAD RANGER

OEM# K-3399, K3399, 212444, 3311

I.D. 21 mm PRE-DRILLED BUSH
O.D. 38 mm INCLUDES PIN &
H. 59 mm BUSH KIT

11611


GLADHAND SEAL KIT

SERVICE & EMERGENCY SIDE

OEM# E-9110, E-9111
AB1388, AB1388P

I.D. 16 mm SOLD AS A PAIR
O.D. 41 mm
T.K. 10 mm

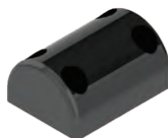


DOCK & TRAILER BUMPER

18905

OEM#

L.G. 194 mm
W.D. 143 mm
T.K. 92 mm



WHEEL CHOCK

25 TON (US) RATED

OEM#

L.G. 221 mm
W.D. 143 mm
H.O. 25 mm
H. 164 mm

18455


CENTRE BEARING ASSY

SUIT 1810 DRIVELINE

OEM# 500323, 5003326, 210888-1X
210661-1X, 210875-1X, 212129-1X

I.D. 60 mm SUITABLE FOR BOTH
B.H. 15 mm SOLID & SLOTTED
L.G.-C 219 mm INCLUDES COVERS



DOCK & TRAILER BUMPER

40175

OEM#

L.G. 250 mm
W.D. 111 mm
T.K. 70 mm

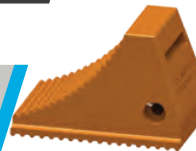


WHEEL CHOCK

35 TON (US) RATED

OEM#

L.G. 308 mm
W.D. 214 mm
H.O. 25 mm
H. 201 mm

40095


CENTRE BEARING ASSY

SUIT 1710 DRIVELINE

OEM# 210121-1X, 2101211XB
CB2101211XSA

I.D. 51 mm SUITABLE FOR BOTH
B.H. 14 mm SOLID & SLOTTED
L.G.-C 194 mm INCLUDES COVERS



TORQUE ROD BUSH

18830

SUIT JAPANESE 6 ROD SUSPENSION
HINO, FUSO, IZUSU, NISSAN, UD

OEM# MK633449, 29Y3301, S40JE0080
10601.008, 1515191130

B. H 3/4"
O.D. 105 mm
L.G. C-C 110 mm



COUPLING WEAR PAD KIT

SUIT RINGFEDER 80G5, 81G5, 92CX,
96AUS, 101AUS, 202AUS, 303AUS

OEM# 06998321, 09996770, 15990737

SUIT 50MM COUPLING
KIT INCLUDES
1x WEAR PAD
2x BOLTS & NUTS

18695


COUPLING BUSH

SUIT RINGFEDER 96AUS, 101AUS
202AUS, 303AUS

OEM# 14994568, 14-994-568

SUIT 50MM COUPLING
SOLD AS SINGLE UNIT



TURNTABLE MOUNT

SUIT JOST E-MOUNT

11604

OEM# SK2905-94, SK2905-95, SK3121-61

I.D. 50 mm SUITABLE FOR
O.D. 70 mm JSK37E, JSK37EW
L.G. 102 mm JSK37EA, JSK37ER



TURNTABLE MOUNT

SUIT JOST C-MOUNT & SAMPA
LOWER MOUNT

OEM# SK2105-25, SK2121-69Z,
0095.058, 095.536

SUITABLE FOR JOST
JSK36CV, JSK37C, JSK37CZ, JSK37CW
SUITABLE FOR SAMPA
SP-C7 & SP-C8

18708


TURNTABLE MOUNT

SUIT JOST C-MOUNT & SAMPA
UPPER MOUNT

OEM# SK1259, SK2121-69Z
0095.057, 095.536

SUITABLE FOR JOST
JSK36CV, JSK37C, JSK37CZ, JSK37CW
SUITABLE FOR SAMPA
SP-C7 & SP-C8



TURNTABLE MOUNT

SUIT SAF HOLLAND - STANDARD
FW3500, FW351, FW342, FW331

11515

OEM# RK16045-J, RK16045-P, XB16045J

I.D. 27 mm
O.D. 71 mm
L.G. 105 mm



TURNTABLE MOUNT

SUIT SAF HOLLAND - SLIDER &
ISO BOLT-ON FOOT

OEM# XB00113

I.D. 29 mm
W.D. 66 mm
L.G. 108 mm
H. 59 mm


11517

TURNTABLE MOUNT

SUIT SAF HOLLAND - KOMPENSATOR
FW3500, FW351

OEM# RK0011P, XB0011P

I.D. 29 mm
O.D. 51 mm
L.G. 108 mm



VIBRATION MOUNT

SUIT THERMO KING & CARRIER

12380

OEM# 91-4159, 91-2618, 914159, 912618

I.D. 16 mm
O.D.1 46 mm
O.D.2 59 mm
H. 36 mm



VIBRATION MOUNT KIT

SUIT THERMO KING & CARRIER

OEM# 92-8893, 93-4060, 99-4820, 99-7620
928893, 934060, 994820, 997620

I.D. 13 mm KIT INCLUDES
O.D. 48 mm 1x UPPER MOUNT
1x LOWER MOUNT

18015


VIBRATION MOUNT

SUIT THERMO KING & CARRIER

OEM# 99-1433, 991433, 18013

I.D. 24 mm REPLACES GAFF
O.D.1 46 mm 18013 BUSH
O.D.2 76 mm
H. 33 mm



VIBRATION MOUNT KIT

SUIT THERMO KING & CARRIER

50054

OEM# 99-4820, 994820, 73-00160-02

I.D. 16 mm KIT INCLUDES
O.D. 64 mm 1x UPPER MOUNT
L.G. 63 mm 1x LOWER MOUNT



VIBRATION MOUNT

SUIT THERMO KING & CARRIER

OEM# 91-4043, 91-4195, 914043, 914195

I.D. 24 mm
O.D.1 46 mm
O.D.2 66 mm
H. 28 mm

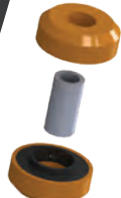
50055


VIBRATION MOUNT KIT

SUIT THERMO KING & CARRIER

OEM# 91-1404, 91-2578, 91-7709
911404, 912578, 917709

I.D. 16 mm KIT INCLUDES
O.D. 55 mm 1x UPPER MOUNT
L.G. 48 mm 1x LOWER MOUNT
1x SPACER SLEEVE



TORQUE ROD BUSH

13001

SUIT RADIUS ROD
STANDARD SIZE

OEM# WT1301, SP1301, FQ1301
UXA-0011, **13000**

I.D. 31.7 mm 2 PIECE SPLIT EASY
O.D.1 46.0 mm MOUNT VERSION
O.D.2 55.5 mm IS **13049**
L.G. 60.3 mm



TORQUE ROD BUSH

13043

SUIT TMC RADIUS ROD
UNDERSIZED TMC SIZE

OEM# SP1307, 323128, 323128PB

I.D. 31.7 mm
O.D.1 46.0 mm UNDERSIZED
O.D.2 53.9 mm VERSION OF **13001**
L.G. 60.3 mm



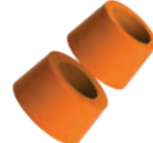
TORQUE ROD BUSH

13049

SUIT RADIUS ROD

OEM# SP1301SP, FQ1301U2P

I.D. 31.7 mm 2 PIECE SPLIT
O.D.1 46.8 mm EASY MOUNT
O.D.2 55.5 mm VERSION
L.G. 60.3 mm



TORQUE ROD BUSH

15008

SUIT REYCO 101 & 102
OLD STYLE

OEM# WT1310, SP1314, FQ1310
T-1842

I.D. 26.9 mm OLD STYLE 27MM
O.D.1 46.0 mm NEW STYLE 25MM
O.D.2 79.4 mm IS **15009**
L.G. 72.2 mm



TORQUE ROD BUSH

15009

SUIT REYCO 101 & 102
NEW STYLE

OEM# WT1315, FQ1315, 21238-0
T-1723

I.D. 25.4 mm NEW STYLE 25MM
O.D.1 46.0 mm OLD STYLE 27MM
O.D.2 77.8 mm IS **15008**
L.G. 73.0 mm



TORQUE ROD BUSH

15051

SUIT REYCO 102, HALLMARK
RUBERY OWEM M-SERIES

OEM# WT1309, FQ1309, 6425, 503017C1
T-2242

I.D. 26.1 mm
O.D.1 46.0 mm
O.D.2 58.7 mm
L.G. 74.6 mm



TORQUE ROD BUSH

14073

SUIT FRUEHAUF S2, MCGRATH
FREIGHTER TAA29 & 39

OEM# WT1302, SP1302, FQ1302
UCA-3754, 722-00

I.D. 25.4 mm OEM STYLE
O.D. 49.2 mm HEAVY DUTY
L.G. 76.2 mm VERSION IS **14008**



TORQUE ROD BUSH

14008

SUIT FRUEHAUF S2, MCGRATH
FREIGHTER TAA29 & 39

OEM# WT1302, SP1302, FQ1302
UCA-3754, 722-00

I.D. 25.4 mm HEAVY DUTY
O.D. 48.4 mm VERSION
L.G. 76.2 mm



TORQUE ROD BUSH

15073

SUIT REYCO 21B

OEM# WT1311, FQ1311, SP1315
T-5493

I.D. 25.4 mm
O.D.1 46.0 mm
O.D.2 59.5 mm
L.G. 76.2 mm



TORQUE ROD BUSH

15013

SUIT REYCO, HALLMARK, HENDRICKSON
SINCLAIR, FUWA K-HITCH, YORK, TMC

OEM# WT1308, SP1308, 09729-01, 6425

I.D. 22.2 mm OEM STYLE
O.D. 49.2 mm HEAVY DUTY
L.G. 76.2 mm VERSION IS **14010**



TORQUE ROD BUSH

14010

SUIT REYCO, HALLMARK, HENDRICKSON
SINCLAIR, FUWA K-HITCH, YORK, TMC

OEM# WT1312, SP1308HD, 09729-01, 6425

I.D. 22.2 mm HEAVY DUTY
O.D. 50.8 mm VERSION
L.G. 76.2 mm



EQUALIZER BUSH

15076

SUIT REYCO 21B

OEM# WT1110, FQ1110, T-5524

I.D. 41.3 mm
O.D.1 72.2 mm
O.D.2 88.9 mm
L.G. 111.9 mm



EQUALIZER BUSH

13005

SUIT ROCKER BOX
STANDARD SIZE

OEM# WT1101, SP1101, FQ1101
UXA-0004

I.D. 50.8 mm 2 PIECE SPLIT EASY
O.D.1 68.3 mm MOUNT VERSION
O.D.2 88.9 mm IS **13047**
L.G. 112.7 mm



EQUALIZER BUSH

13007

SUIT TMC ROCKER BOX
UNDERSIZED TMC SIZE

OEM# 323129, 323129PB, **13003**, **13004**

I.D. 50.8 mm
O.D.1 66.7 mm UNDERSIZED
O.D.2 87.3 mm VERSION OF **13005**
L.G. 111.1 mm



EQUALIZER BUSH

13047

SUIT ROCKER BOX & DRAW BAR

OEM# FQ1101U2P, SP1101SP

I.D. 51.6 mm 2 PIECE SPLIT
O.D.1 68.3 mm EASY MOUNT
O.D.2 88.9 mm VERSION
L.G. 112.7 mm



EQUALIZER BUSH

15001

SUIT REYCO 83, 101, 102 & 201

OEM# WT1109, FQ1109, 08363-01
14713-01

I.D. 38.1 mm
O.D. 80.2 mm
L.G. 114.3 mm



EQUALIZER BUSH

15054

SUIT REYCO TRANSPRO 88

OEM# WT1112A, FQ1112A, 0649-02

I.D. 25 mm
O.D. 84 mm
L.G. 102 mm



EQUALIZER BUSH

14000

SUIT EARLY FRUEHAUF, MCGRATH
HUTCHENS H2200

OEM# WT1102, SP1102, 09-09207
UCA-0472, 7010-00

B.H. 3/4"
O.D. 84.1 mm
L.G. 98.4 mm
C-C 34.1 mm



EQUALIZER BUSH

18690

SUIT HOLLAND, WEWELLER & ROR

OEM# 0203160600, 2122609, WC234264
SP1324, WT1113, FQ1113

I.D. 30.2 mm
O.D. 60.3 mm
L.G. 101.6 mm



EQUALIZER BUSH

18700

SUIT YORK TECAIR, TMC
SAF EURO 2

OEM# 61506242, WT1118, FQ1118
SP7165

I.D. 30.1 mm
O.D. 68.2 mm
L.G. 103.9 mm



EQUALIZER BUSH

18701

SUIT BPW AIR LIGHT I-II,
SL & O SERIES, KRUEGER RFS

OEM# 0203169000, WT1113S, SP7155

I.D. 30.2 mm
O.D. 57.2 mm
L.G. 101.6 mm



PIVOT BUSH KIT

13762

SUIT MERITOR CS9

OEM# 11201, 21230041, 21226997, SUS10A
A1225N1522, SP1445, SP1445K

I.D. 22.2 mm KIT INCLUDES
O.D. 152.4 mm 1x PIVOT BUSH
L.G. 120.6 mm 2x WEAR PADS
1x HARDWARE KIT



TOOLING AVAILABLE

INNER PIVOT BUSH

18710

SUIT YORK TECAIR FB

OEM# SP1431, WT1117, FQ1119
61610013

I.D. 57.1 mm OUTER BUSH
O.D. 147.6 mm IS **18711**
T.K. 50.8 mm



OUTER PIVOT BUSH

18711

SUIT YORK TECAIR FB

OEM# SP1432, WT1116, FQ1119
61610012

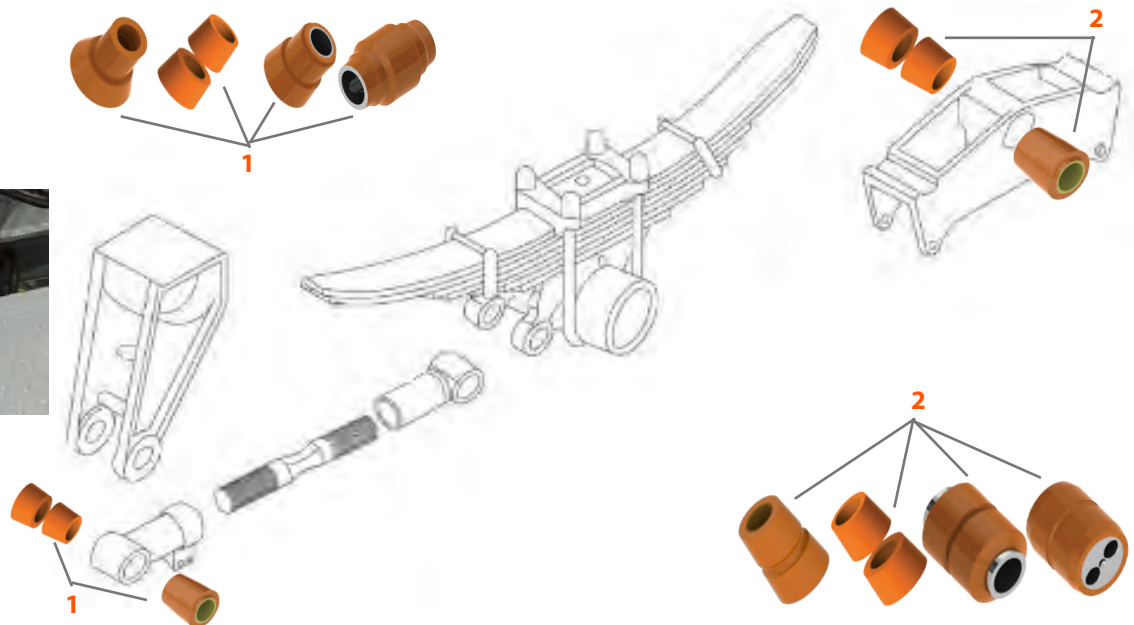
I.D. 53.9 mm INNER BUSH
O.D. 147.6 mm IS **18710**
L.G. 50.8 mm



COMMON TRAILER SUSPENSION

DRAW BAR BUSHES

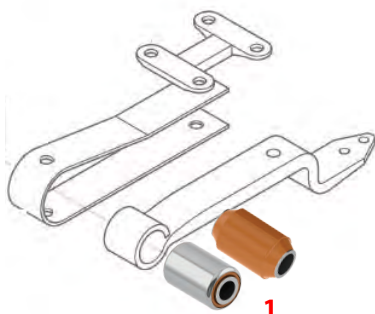
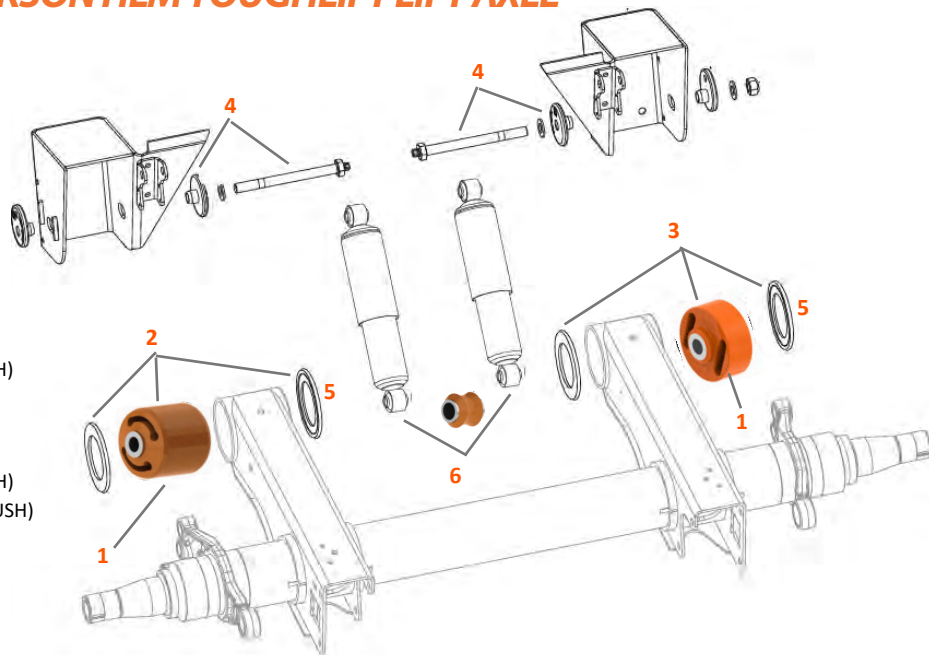
4 x **13005** or **13047**



- 1. TORQUE ROD / RADIUS ROD BUSH.** This is a guide always check Trailer Flyer for application & sizes.
COMMON GP TRAILER. **13001** STANDARD BUSH (Tapered), **13043** UNDERSIZED BUSH (Tapered), **13049** 2-PIECE SPLIT BUSH (Tapered).
COMMON REYCO TRAILER. **15073** REYCO 21B, **15008** REYCO 101/102 (Old Style), **15009** REYCO 101/102 (New Style), **15051** REYCO 102 /HALLMARK/RUBERY OWEN.
COMMON FRUEHAUF/ FREIGHTER / McGRATH. **14073** STANDARD BUSH (Stepped), **14008** HEAVY DUTY BUSH (Smooth).
- 2. EQUALIZER BUSH / ROCKER BOX BUSH.** This is a guide always check Trailer Flyer for application & sizes.
COMMON GP TRAILER. **13005** STANDARD BUSH (Tapered), **13007** UNDERSIZED BUSH (Tapered), **13047** 2-PIECE SPLIT BUSH (Tapered).
COMMON REYCO TRAILER. **15076** REYCO 21B, **15054** REYCO 88 (Transpro), **15001** REYCO 101 / 102.
COMMON FRUEHAUF / McGRATH. **14000** 2x 3/4" Bolts.

HENDRICKSON INTRAAX AAT 23-25K / AANT 23K HENDRICKSON HLM TOUGHLIFT LIFT AXLE

- 1. PIVOT BUSH **13565** SUIT AAT 23-25K (WIDE BUSH)**
INSTALL & REMOVAL TOOL IS **13581**
PIVOT BUSH **13736 SUIT AANT 23K (NARROW BUSH)**
INSTALL & REMOVAL TOOL IS **13623**
- 2. PIVOT BUSH KIT **13510** SUIT AAT 23-25K (WIDE BUSH)**
INCLUDES **13565** BUSH, **13542** WEAR PADS &
STANDARD BOLT/NUT/SLEEVE KIT
QUICK ALIGN PIVOT BUSH KIT **13628 SUIT AAT 23-25K (WIDE BUSH)**
INCLUDES **13565** BUSH, **13542** WEAR PAD, **13604** ECCENTRIC
WASHER & BOLT KIT. INSTALL & REMOVAL TOOL IS **13581**
- 3. QUICK ALIGN PIVOT BUSH KIT **13673** SUIT AANT 23K (NARROW BUSH)**
INCLUDES **13736** BUSH, **13648** WEAR PADS, **13673** ECCENTRIC
WASHER & BOLT KIT. INSTALL & REMOVAL IS **13623**
- 4. ECCENTRIC WASHER & BOLT KIT **13604** SUIT AAT 23-25K (WIDE BUSH)**
ECCENTRIC WASHER & BOLT KIT **13673** SUIT AANT 23K (NARROW BUSH)
- 5. WEAR PADS **13542** SUIT AAT 23-25K (WIDE BUSH)**
WEAR PADS **13648** SUIT AANT 23K (NARROW BUSH)
- 6. SHOCK ABSORBER BUSH **18533** SUIT S-21699 SHOCKS**



BPW / HOLLAND / YORK / TMC SUSPENSION

- 1. EQUALIZER BUSH **18690** SUITS BPW AIR LIGHT I-II / SL & O SERIES, HOLLAND WEWELLER, R.O.R & KRUEGER RFS (NO METAL SLEEVE)**
EQUALIZER BUSH **18701** SUITS BPW AIR LIGHT I-II / SL & O SERIES, HOLLAND WEWELLER, R.O.R & KRUEGER RFS (METAL SLEEVE)
EQUALIZER BUSH **18700** SUITS YORK TECAIR / TMC / SAF EURO 2 (METAL SLEEVE)

TORQUE ROD BUSH

SUIT HAS-SERIES, HAULMAAX, E4-SERIES
HN-SERIES, PRIMAAX EX

13521

OEM# 47691, 47691-000

B. H 5/8" O.E.M. STYLE
O.D. 51 mm ANTI-WALK STYLE
L.G. C-C 112 mm IS **11004**



TORQUE ROD BUSH

SUIT HAS-SERIES, HAULMAAX, E4-SERIES
HN-SERIES, PRIMAAX EX

11004

OEM# 47691, 47691-000

B. H 5/8" ANTI-WALK STYLE
O.D. 51 mm
L.G. C-C 112 mm



TORQUE ROD BUSH

SUIT FAMS A

13519

OEM# 32174-000

B. H 5/8"
O.D. 91 mm
L.G. C-C 111 mm



TORQUE ROD BUSH

SUIT RS & RT SERIES, HAS-SERIES
PRIMAAX EX, ULTRA-ROD

13520

OEM# 44695, 44695-000, 64400
64400-002, 66649, 66649-002

B. H 5/8" O.E.M. STYLE
O.D. 70 mm 3/4" B.H IS **13528**
L.G. C-C 111 mm EASY MOUNT
STYLE IS **83520**



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT RS & RT SERIES, HAS-SERIES
PRIMAAX EX, ULTRA-ROD

13536

OEM# 44695, 44695-000, 64400
64400-002, 66649, 66649-002

B. H 5/8" SLEEVELESS STYLE
O.D. 70 mm DESIGN OF **13520**
L.G. C-C 111 mm EASY MOUNT
STYLE IS **83520**



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT RS & RT SERIES, HAS-SERIES
PRIMAAX EX, ULTRA-ROD

83520

OEM# 44695-44695-000, 64400
64400-002, 66649, 66649-002

B. H 5/8" EASY MOUNT DESIGN
O.D. 70 mm HIGH ARTICULATION
L.G. C-C 111 mm 360 DEGREE
ROTATION



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT CAMELBACK SUSPENSION
(MACK)

13528

OEM# 49210, 49210-000
64400-005, 66649-005

B. H 3/4"
O.D. 70 mm
L.G. C-C 111 mm



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT AIR LEAF, AIR TRAC, AIR RIPARA
(FREIGHTLINER, MACK, VOLVO)

13522

OEM# 44694, 44694-000, 227710, 227720
151087-148, 35033-0008, 8079894

B. H 5/8"
O.D. 64 mm
L.G. C-C 111 mm



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT AIR LEAF, AIR TRAC, AIR RIPARA
(FREIGHTLINER, MACK, VOLVO)

83522

OEM# 44694, 44694-000, 227710, 227720
151087-148, 350333-0008, 8079894

B. H 5/8" EASY MOUNT DESIGN
O.D. 64 mm HIGH ARTICULATION
L.G. C-C 111 mm 360 DEGREE
ROTATION



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT RS-SERIES, RT-SERIES
HN-SERIES (SOME), ULTRA-ROD

13518

OEM# 44697, 44697-000, 64400-004
66649-004

T.H. 1-1/4" UNF O.E.M. STYLE
O.D. 69.8 mm SLEEVELESS
L.G. 204.8 mm STYLE IS **13533**



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT RS-SERIES, RT-SERIES
HN-SERIES (SOME), ULTRA-ROD

13533

OEM# 44697, 44697-000, 64400-004
66649-004

T.H. 1-1/4" UNF SLEEVELESS
O.D. 69.8 mm STYLE OF
L.G. 204.8 mm **13518**



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT PRIMAAX 230 (PAX230) GEN II
PRIMAAX 460 (PAX460) GEN II

15013

OEM# 47692, 47692-000

I.D. 22.2 mm O.E.M. STYLE
O.D. 49.2 mm HEAVY DUTY
L.G. 76.2 mm VERSION IS **14010**



TORQUE ROD BUSH

SUIT HN-FR, HN-SERIES (SOME)
HAULMAAX, ULTRA-ROD

13582

OEM# 64697, 64697-000

T.H. 1-1/4" UNF
O.D. 50.8 mm
L.G. 204.8 mm



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT 340-343 SERIES

13684

OEM# 44809, 44809-000

T.H. 1-1/8" UNF
O.D. 64.3 mm
L.G. 165.9 mm



TOOLING AVAILABLE

TORQUE ROD BUSH

SUIT PRIMAAX 230 (PAX230) GEN II
PRIMAAX 460 (PAX460) GEN II

14010

OEM# 47692, 47692-000

I.D. 22.2 mm HEAVY DUTY
O.D. 50.8 mm VERSION
L.G. 76.2 mm



TORQUE ROD BUSH

SUIT PRIMAAX 230 (PAX230) GEN II
PRIMAAX 460 (PAX460) GEN II

13672

OEM# 69210-000, 69210-000L, 69210-000H

B.H. 3/4"
O.D. 50.8 mm
L.G.-C 111.9 mm



D-PIN BUSH

SUIT PRIMAAX 230, 460 GEN II
PRIMAAX 232, 462, 692 EX

13627

OEM# 60383-000, 65831-000, 60383000
34013-116, 34013-117, 34013-107

B.H. 7/8"
O.D. 63.5 mm
L.G.-C 140.5 mm



ECCENTRIC BOLT & WASHERS

13673

SUIT INTRAAX AANT 23K (NARROW)
PRIMAAX SUSPENSION

OEM# 60632-005, 60632-006, 60632-019, S-20924
64633-000, 64632-000, 64097-000
64096-000, S-24705, S-23319, S-20925

T.H. 7/8" UNC KIT INCLUDES
L.G. 177.8 mm 2x ECCENTRIC WASHERS
1x QUICK-ALIGN BOLT
WASHERS & NYLOC NUT



PIVOT BUSH

SUIT PRIMAAX 230, 460 GEN II
PRIMAAX 232, 462, 692 EX

18821

OEM# 58648-000, 70425-001, 85109-229
58648000, 70425001, 85109229

I.D. 31.7 mm
O.D. 93.7 mm
T.K. 92.1 mm



TOOLING AVAILABLE

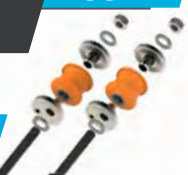
PIVOT BUSH KIT

SUIT PRIMAAX 230, 460 GEN II
PRIMAAX 232, 462, 692 EX

13817

OEM# 60632-8, 60632-020, 60632020
60632-043, 60632043, 606328

KIT INCLUDES
2x PIVOT BUSH **18821**
2x ECCENTRIC BOLT & WASHER **13673**



TOOLING AVAILABLE

PIVOT BUSH TOOL

INSTALL & REMOVAL TOOL
SUIT PRIMAAX SUSPENSION

13800

OEM# 66086-203

DESIGNED TO REMOVE THE OEM BUSH
AND INSTALL GAFF **18821** & **13817** ON
THE VEHICLE CORRECTLY WITH EASE



PIVOT BUSH

SUIT INTRAAX AANT 23K
(NARROW BUSH)

13736

OEM# 66086-203, 66086-203L

I.D. 31.7 mm EASY-ALIGN KIT
O.D. 152.4 mm IS **13594**
T.K. 92.1 mm



TOOLING AVAILABLE

PIVOT BUSH WEAR PADS

SUIT INTRAAX AANT 23K
(NARROW BUSH)

13648

OEM# B-21099, S-21099, S-26807
S-26807-4P

I.D. 74.6 mm
O.D. 188.9 mm SOLD AS A PAIR
T.K. 6.3 mm



PIVOT BUSH EASY-ALIGN KIT

SUIT INTRAAX AANT 23K
(NARROW BUSH)

13594

OEM# D-25364, S20924, S-20925
S-23320, S-26321

KIT INCLUDES
1x ECCENTRIC BOLT & WASHER **13673**
1x PIVOT BUSH **13736**
1x WEAR PAD KIT **13648**



TOOLING AVAILABLE

PIVOT BUSH 13565

SUIT INTRAAX AAT 23K & 25K (WIDE)
HLM, TOUGHLIFT FMT LIFT AXLE

OEM# A-6914, A21166, A31624, S-21166
S-24691, S-31624

I.D. 31.7 mm
O.D. 150.8 mm
L.G. 171.4 mm

PIVOT BUSH KIT IS **13510**
EASY-ALIGN PIVOT KIT IS **13628**

TOOLING AVAILABLE

PIVOT BUSH KIT 13510

SUIT INTRAAX AAT 23K & 25K (WIDE)
HLM, TOUGHLIFT FMT LIFT AXLE

OEM# A-6914, A21166, A31624, S-21166
S-24691, S-31624

KIT INCLUDES
1x PIVOT BUSH **13565**
1x WEAR PAD KIT **13542**
1x BOLT, NUT, SLEEVE

EASY-ALIGN KIT IS **13628**

TOOLING AVAILABLE

PIVOT BUSH EASY-ALIGN KIT 13628

SUIT INTRAAX AAT 23K & 25K (WIDE)
HLM, TOUGHLIFT FMT LIFT AXLE

OEM# A-6914, A21166, A31624, S-21166
S-24691, S-31624

KIT INCLUDES
1x ECCENTRIC BOLT & WASHER **13604**
1x PIVOT BUSH **13565**
1x WEAR PAD KIT **13542**

TOOLING AVAILABLE

PIVOT BUSH WEAR PADS 13542

SUIT INTRAAX AAT 23K & 25K (WIDE)
HLM, TOUGHLIFT FMT LIFT AXLE

OEM# B-11613, S-11613, S-21099
S-21099-4P

I.D. 60.3 mm
O.D. 177.8 mm
T.K. 8.7 mm

SOLD AS A PAIR

ECCENTRIC BOLT & WASHERS 13604

SUIT INTRAAX AAT 23K & 25K (WIDE)
HLM, TOUGHLIFT FMT LIFT AXLE

OEM# 60632-066, S-21052, S-24679

T.H. 7/8" UNC
L.G. 250.8 mm

KIT INCLUDES
2x ECCENTRIC WASHERS
1x QUICK-ALIGN BOLT
WASHERS & NYLOC NUT

SHOCK ABSORBER BUSH 18533

SUIT INTRAAX SUSPENSION
HLM TOUGHLIFT LIFT AXLE

OEM# A-13123L-8P, 98941-006-8P

I.D. 19.8 mm
O.D.1 34.1 mm
O.D.2 39.7 mm
L.G. 44.5 mm

SUIT SHOCK ABSORBER S-21699

PIVOT BUSH TOOL 13581

SUIT INTRAAX AAT 23K & 25K (WIDE)
HLM, TOUGHLIFT FMT LIFT AXLE

OEM# S-21307

DESIGNED TO REMOVE THE OEM BUSH AND INSTALL GAFF **13510**, **13565**, **13583**, **13600**, **13628** & **13817** CORRECTLY WITH EASE

PIVOT BUSH TOOL 13623

INSTALL & REMOVAL TOOL
SUIT INTRAAX AANT 23K (NARROW)

OEM# S-24736

DESIGNED TO REMOVE THE OEM BUSH AND INSTALL GAFF **13594** & **13736** CORRECTLY WITH EASE

EQUALIZER BUSH 13526

SUIT E4-SERIES, HFS-SERIES

OEM# 47420, 48402, 48932
E4HZ5872A

I.D. 25.4 mm
O.D. 69.8 mm
L.G. 111.1 mm

BOLSTER SPRING 13601

SUIT HN-SERIES

OEM# 49377, 49377-000, 60879-000
250196C1, 2506180C91

W.D. 203.2 mm
L.G. 276.2 mm
H. 139.7 mm

SINGLE SPRING
BOLSTER SPRING
KIT IS **13721**

BOLSTER SPRING KIT 13721

SUIT HN-SERIES

OEM# 49377, 49377-000, 60879-000
250196C1, 2506180C91

KIT INCLUDES
2x SPRINGS **13601**
16x BOLTS & NUTS
32x WASHERS

BOLSTER SPRING KIT 13626

SUIT HAULMAAX

OEM# 64179-002, 64179-037, 64179-048
64179-049, 65743-000, 65902-004

KIT INCLUDES
1x SPACER TUBE & FLANGE BOLT
1x HARDWARE KIT (NUTS & WASHERS)
2x BOLSTER SPRINGS

BEAM END BUSH KIT 13596

SUIT RS-SERIES, RT-SERIES
HN-SERIES, HAULMAAX

OEM# 34013-87, 34013-087, 34013-88, **13607**
34013-088, 34013-188, 50150-000

KIT INCLUDES
1x BEAM END BUSH
1x HARDWARE KIT
4x SHIM WASHERS

OEM STYLE
EASY MOUNT
STYLE IS **83596**

TOOLING AVAILABLE

BEAM END BUSH KIT 83596

SUIT RS-SERIES, RT-SERIES
HN-SERIES, HAULMAAX

OEM# 34013-87, 34013-087, 34013-88, **13607**
34013-088, 34013-188, 50150-000

KIT INCLUDES
1x BEAM END BUSH HIGH ARTICULATION
1x HARDWARE KIT
4x SHIM WASHERS

EASY MOUNT DESIGN
360 DEGREE
ROTATION

TOOLING AVAILABLE

BEAM END BUSH TOOL 13595

INSTALL & REMOVAL TOOL

DESIGNED TO REMOVE THE OEM BUSH AND INSTALL GAFF **13596**, **13607** & **83596** CORRECTLY WITH EASE

AUXILIARY LOAD SPRING 13611

SUIT HN-SERIES (SOME)
HAULMAAX (SOME)

OEM# 641794, 60314-000, 64179-004
58947-000

W.D. 129.4 mm
L.G. 119.1 mm
H. 84.9 mm

AUXILIARY LOAD SPRING 13812

SUIT HN-SERIES (SOME)
HAULMAAX (SOME)

OEM# 67778, 67778-000

W.D. 127.0 mm
L.G. 123.8 mm
H. 106.4 mm

DOUBLE AUXILIARY
LOAD SPRING KIT
IS **13814**

AUXILIARY LOAD SPRING KIT 13814

SUIT HN-SERIES (SOME)
HAULMAAX (SOME)

OEM# 60961-747, 60961-745

KIT INCLUDES
2x AUXILIARY LOAD SPRINGS **13812**
1x HARDWARE KIT (BOLTS & NUTS)

REBOUND ROLLER KIT 11747

SUIT HAS-SERIES SUSPENSION

OEM# 98758-001, 98758-001-2P
49175-014-2P

B.H. 1/2" UNC
I.D. 14.3 mm
O.D. 63.5 mm
L.G. 92.1 mm

SINGLE ROLLER KIT
DOUBLE ROLLER
KIT IS **11747-2P**

SLIPPER WEAR PAD KIT 13524

SUIT E4-SERIES, HAS-SERIES
HTS-SERIES

OEM# 50612-000, 56557-002
56929-000-2P

W.D. 76.2 mm
L.G. 172.2 mm
H. 73.0 mm

KIT INCLUDES
1x SLIPPER WEAR PAD
4x BOLTS & WASHERS
2x RETAINERS

CENTER BUSHING 13505

SUIT 340-440 SERIES, RS-SERIES
RT& RTE-SERIES SUSPENSION

OEM# 05919-000, 22282, 29483-5, 49400-000
49600-000, 124901R91, 3255880R1

O.D.1 88.9 mm
O.D.2 120.6 mm
L.G. 304.8 mm

TORQUE ROD BUSH 13514

SUIT INTERNATIONAL SUSPENSION

OEM# 45477, 322069C1, 322069C91

I.D. 28.6 mm
O.D. 76.2 mm
L.G. 82.5 mm

TORQUE ROD BUSH 13515

SUIT INTERNATIONAL SUSPENSION

OEM# 476991, 47699-001, 73073-1
438506C1, 438506C91

B.H. 13/16"
O.D. 76.2 mm
L.G.-C-C 144.5 mm

TORQUE ROD BUSH 13516

SUIT INTERNATIONAL SUSPENSION

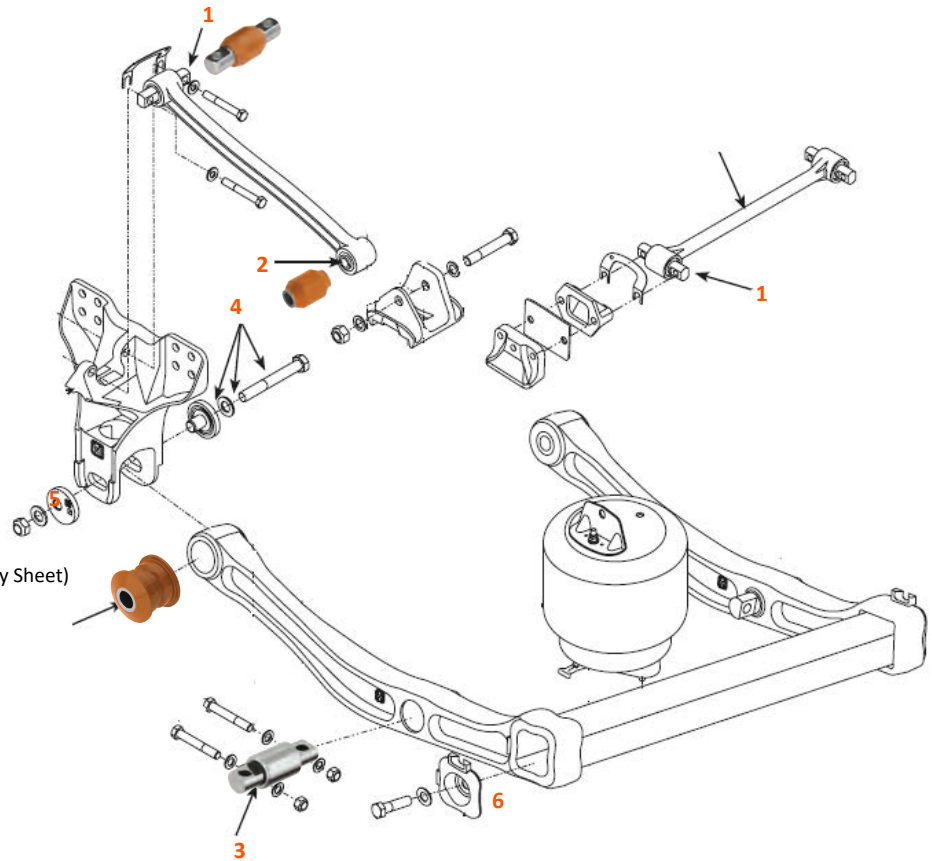
OEM# 46736, 64400-010
1693070C1

I.D. 28.6 mm
O.D. 69.8 mm
L.G. 82.5 mm

PRIMAAX 230 / 460 GEN II

1. TORQUE ROD BUSH **13672**
2. TORQUE ROD BUSH **14010**
3. D-PIN BUSH **13627**
4. ECCENTRIC BOLT & WASHER KIT **13673**
5. PIVOT BUSH **18821**
PIVOT BUSH KIT **13817**
INCLUDES 2 BUSHES, BOLTS, NUTS, WASHERS
INSTALL & REMOVAL TOOL IS **13800**
6. PRIMAAX GEN II HAS A DETACTABLE END CAP
PRIMAAX EX HAS A INTEGRATED END CAP

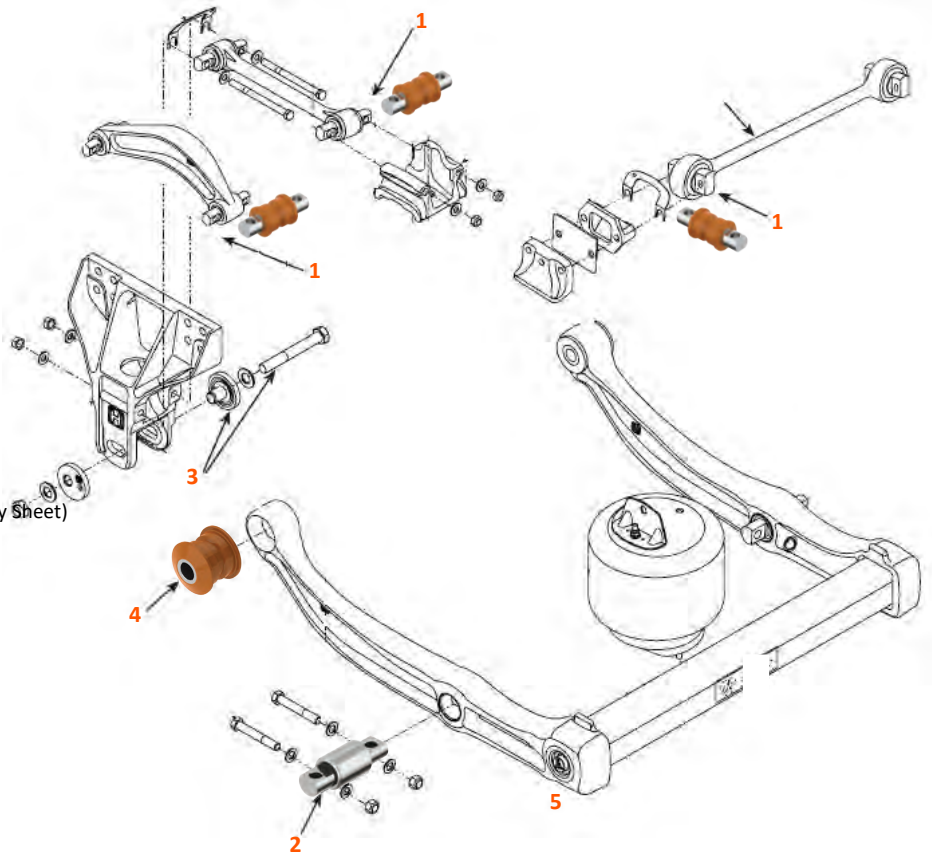
TWO PIECE TORQUE RODS AVAILABILE (See Torque Rod Assembly Sheet)



PRIMAAX 232 / 462 / 692 EX

1. TORQUE ROD BUSH **13521** IS STANDARD OEM DESIGN
TORQUE ROD BUSH **11004** IS ANTI-WALK DESIGN
2. D-PIN BUSH **13627**
3. ECCENTRIC BOLT & WASHER KIT **13673**
4. PIVOT BUSH **18821**
PIVOT BUSH KIT **13817**
INCLUDES 2 BUSHES, BOLTS, NUTS, WASHERS
INSTALL & REMOVAL TOOL IS **13800**
5. PRIMAAX EX HAS A INTEGRATED END CAP

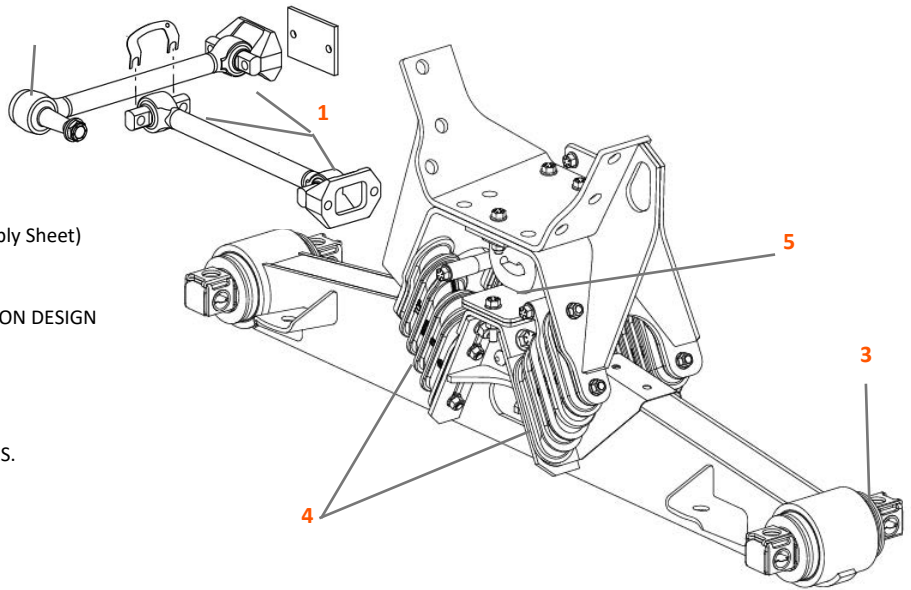
TWO PIECE TORQUE RODS AVAILABILE (See Torque Rod Assembly Sheet)



Helping Industry Become; More Safe, More Productive, More Sustainable

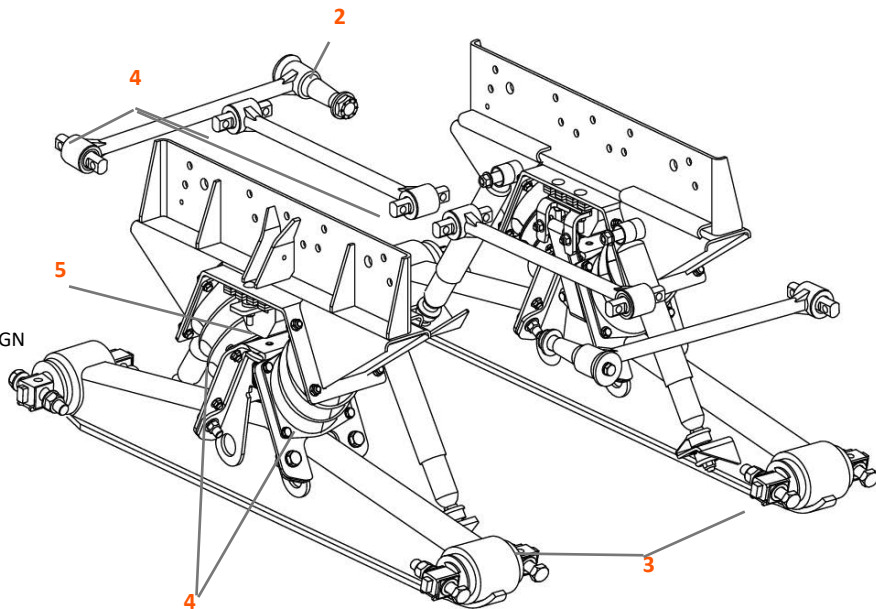
HAULMAAX

1. TORQUE ROD BUSH **13521** IS 51MM OEM DESIGN BUSH
TORQUE ROD BUSH **11004** IS 51MM ANTI-WALK DESIGN BUSH
2. TORQUE ROD BUSH **13582** IS 51MM SLEEVELESS DESIGN
TWO PIECE TORQUE RODS AVAILABLE (See Torque Rod Assembly Sheet)
3. BEAM END BUSH KIT **13596** IS OEM SHIM DESIGN
BEAM END BUSH KIT **83596** IS EASY-MOUNT HIGH ARTICULATION DESIGN
ALL KITS INCLUDES BUSH, RETAINERS, BOLTS, NUTS, WASHERS
INSTALL & REMOVAL TOOL IS **13595**
4. BOLSTER SPRING KIT **18821**
INCLUDES 2 BOLSTER SPRINGS, SPACER, NUTS, BOLTS, WASHERS.
5. AUXILIARY LOAD SPRING **13611** OLD TYPE
AUXILIARY LOAD SPRING **13812** NEW TYPE
NEW TYPE KIT IS **13814** INCLUDES 2 SPRINGS & HARDWARE.



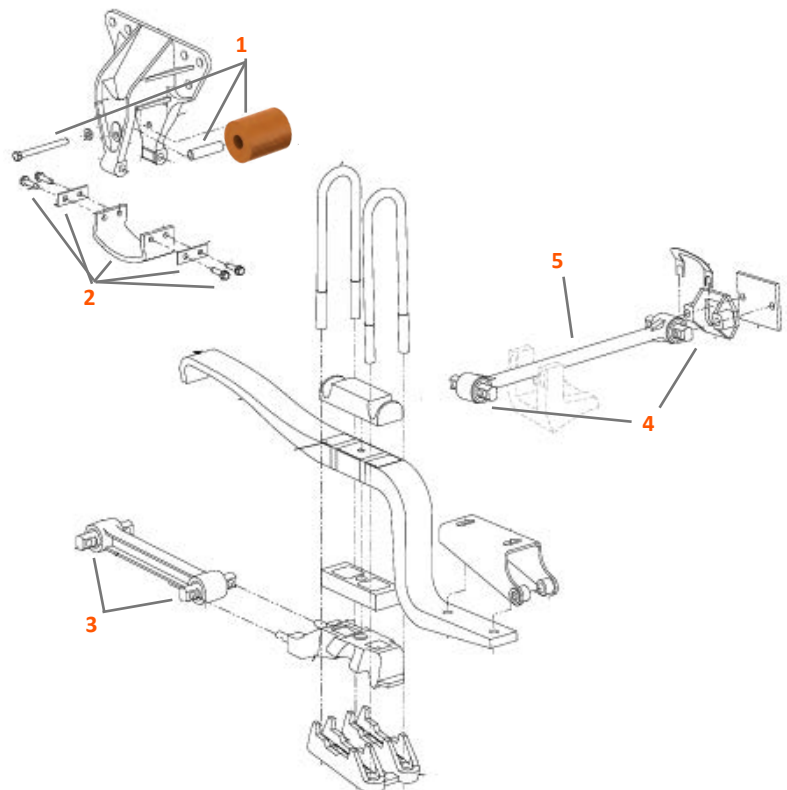
HN 402 / 460 / 462 / 522

1. TORQUE ROD BUSH **13521** IS 51MM OEM DESIGN BUSH
TORQUE ROD BUSH **11004** IS 51MM ANTI-WALK DESIGN BUSH
TORQUE ROD BUSH **13520** IS 70MM OEM DESIGN BUSH
TORQUE ROD BUSH **83520** IS 70MM EASY-MOUNT DESIGN BUSH
2. TORQUE ROD BUSH **13582** IS 50MM SLEEVELESS DESIGN
TORQUE ROD BUSH **13518** IS 71MM OEM DESIGN BUSH
TORQUE ROD BUSH **13533** IS 71MM SLEEVELESS DESIGN BUSH
TWO PIECE TORQUE RODS AVAILABLE (See Torque Rod Assembly Sheet)
3. BEAM END BUSH KIT **135696** IS OEM SHIM DESIGN
BEAM END BUSH KIT **83596** IS EASY-MOUNT HIGH ARTICULATION DESIGN
ALL KITS INCLUDES BUSH, RETAINERS, BOLTS, NUTS, WASHERS
INSTALL & REMOVAL TOOL IS **13595**
4. BOLSTER SPRING **13601**
BOLSTER SPRING KIT **13721**
INCLUDES 2 BOLSTER SPRINGS, NUTS, BOLTS, WASHERS.
5. AUXILIARY LOAD SPRING **13611** OLD TYPE
AUXILIARY LOAD SPRING **13812** NEW TYPE
NEW TYPE KIT IS **13814** INCLUDES 2 SPRINGS & HARDWARE.



HAS 360 / 400 / 402 / 460

1. REBOUND ROLLER KIT IS **11747** (SINGLE ROLLER)
REBOUND ROLLER KIT IS **11747-2P** (PAIR OF ROLLERS)
2. WEAR PAD KIT IS **13524** SINGLE WEAR PAD
KIT INCLUDES WEAR PAD/RETAINERS/BOLTS/WASHERS
3. LOWER TORQUE ROD BUSH **13521** IS OEM DESIGN
LOWER TORQUE ROD BUSH **11004** IS ANTI-WALK DESIGN
4. Note: Check Torque Rod fitted as there is 2 different O.D. bushes
51MM TORQUE ROD BUSH **13521** IS STANDARD OEM DESIGN
51MM TORQUE ROD BUSH **11004** IS ANTI-WALK DESIGN
70MM TORQUE ROD BUSH **13520** IS STANDARD OEM DESIGN
70MM TORQUE ROD BUSH **13536** IS SLEEVELESS DESIGN
70MM TORQUE ROD BUSH **83520** IS EASY MOUNT, ROTATION DESIGN
INSTALL & REMOVAL TOOL IS **18551**
5. TWO PIECE TORQUE RODS AVAILABLE (See Torque Rod Assembly Sheet)



FRONT PIVOT BUSH

14513

AR 41-45, 70-75, 80-85, 90-95, 250, 955
ARU 92, 93

OEM# 900-08-139, 90008139

I.D. 29 mm
O.D. 89 mm
L.G. 133 mm



FRONT PIVOT BUSH

14514

AD 123, 126, 246, 252, 369, 378

OEM# 900-08-151, 90008151
900-08-252, 90008252

I.D. 29 mm
O.D. 89 mm
L.G. 127 mm



FRONT PIVOT BUSH

14538

ADZ 123, 126, 246, 252, 369, 378

OEM# 900-08-266, 90008266
900-08-279, 90008279

I.D. 29 mm
O.D. 81 mm
L.G. 102 mm



AXLE BUSH - THRU STYLE

14527

AD 123, 246, 369

OEM# 900-08-008, 90008008

I.D. 64 mm THRU STYLE BUSH
O.D. 98 mm PIN STYLE BUSH
L.G. 146 mm IS **14532**



AXLE BUSH - PIN STYLE

14532

AD 123, 246, 369

OEM# 900-08-175, 90008175

B. H. 1-1/16" PIN STYLE BUSH
O.D. 98 mm THRU STYLE BUSH
L.G. C-C 216 mm IS **14527**



AXLE BUSH

14533

AR 90, 91, 92, 93, 250
ARU 92, 93

OEM# 900-08-148, 90008148
900-08-149, 90008149

I.D. 29 mm
O.D. 71 mm
L.G. 127 mm



AXLE BUSH

14536

ADZ 123, 126, 246, 252, 369, 378

OEM# 900-08-267, 90008267

B. H. 1"
O.D. 79 mm
L.G. C-C 159 mm



TRANSVERSE BEAM BUSH

31592

AD 123, 126, 246, 252, 369, 378

OEM# 900-08-006, 90008006
900-08-219, 90008219

I.D. 64 mm
O.D. 98 mm
L.G. 133 mm



TRUNNION BUSH

14027

TS / US / USR
SINGLE POINT SUSPENSION

OEM# 900-08-004, 900-08-043
910-08-022, 910-08-036

I.D. 102 mm
O.D. 127 mm
L.G. 229 mm



TORQUE ROD BUSH

11729

ADZ 123, 126, 246, 252, 369, 378

OEM# 900-08-265, 90008265
Refer Tech Pub #TP-0024A

B. H. 5/8" STRESS RELIEF STYLE
O.D. 69 mm ADZ MODEL ONLY
L.G. C-C 111 mm OEM STYLE BUSH
IS **13520**



V-ROD BUSH

14537

ADZ 123, 126, 246, 252, 369, 378

OEM# 900-08-264, 90008264

I.D. 26 mm
O.D. 70 mm
L.G. 72 mm



TORQUE ROD BUSH

13518

AD 123, 126, 246, 252, 369, 378

OEM# 44697, 44697-000, 229610
64400, 64400-004, IPC229610

T.H. 1-1/4" UNF
O.D. 70 mm
L.G. 204 mm



TORQUE ROD BUSH

13520

AD 123, 126, 246, 252, 369, 378

OEM# 44695, 44695-000
64400-002, 66649-002

B. H. 5/8" 3/4" BOLT VERSION
O.D. 69 mm IS **13528**
L.G. C-C 111 mm EASY MOUNT
DESIGN IS **83520**



TORQUE ROD BUSH

13528

AD 123, 126, 246, 252, 369, 378

OEM# 49210, 49210-000
64400-005, 66649-005

B. H. 3/4" 5/8" BOLT VERSION
O.D. 69 mm IS **13520**
L.G. C-C 111 mm



TORQUE ROD BUSH

83520

AD 123, 126, 246, 252, 369, 378

OEM# 44695, 44695-000
64400-002, 66649-002

B. H. 5/8" EASY MOUNT DESIGN
O.D. 69 mm HIGH ARTICULATION
L.G. C-C 111 mm 360 DEGREE
ROTATION



TORQUE ROD BUSH

13533

AD 123, 126, 246, 252, 369, 378

OEM# 44697, 44697-000, 229610
64400, 64400-004, IPC229610

T.H. 1-1/4" UNF **13518** WITHOUT
O.D. 70 mm METAL SLEEVE
L.G. 204 mm



TORQUE ROD BUSH

13536

AD 123, 126, 246, 252, 369, 378

OEM# 44695, 44695-000
64400-002, 66649-002

B. H. 5/8" **13520** WITHOUT
O.D. 79 mm METAL SLEEVE
L.G. C-C 111 mm



TORQUE ROD ASSEMBLY

13686

AD 123, 126, 246, 252, 369, 378

OEM# 46630, 66630, 928630
66630-000, IPC928630

T. H. 1-1/4" UNF TUBE END ASSEMBLY
L.G. 189 mm FITTED WITH **13518**



TORQUE ROD ASSEMBLY

13683

AD 123, 126, 246, 252, 369, 378

OEM# 46610, 46610-003, 46610-005
66610, 66610-000, 928610

B. H. 5/8" TUBE END ASSEMBLY
L.G. 189 mm FITTED WITH **13520**
L.G. C-C 111 mm EASY MOUNT
VERSION IS **13790**



TORQUE ROD ASSEMBLY

13790

AD 123, 126, 246, 252, 369, 378

OEM# 46610, 46610-003, 46610-005
66610, 66610-000, 928610

B. H. 5/8" TUBE END ASSEMBLY
L.G. 189 mm FITTED WITH **83520**
L.G. C-C 111 mm EASY MOUNT
VERSION



TORQUE ROD BUSH TOOL

13584

INSTALL & REMOVAL TOOL

DESIGNED TO REMOVE THE OEM BUSH
AND INSTALL GAFF **13518** & **13533**
CORRECTLY WITH EASE



TORQUE ROD ASSEMBLY

13691

AD 123, 126, 246, 252, 369, 378

OEM# 46661, 900-446-36, 90044636
66661, 928660, 928661

B. H. 5/8" ROD END ASSEMBLY
L.G. 624 mm FITTED WITH **13520**
L.G. C-C 111 mm EASY MOUNT
VERSION IS **13789**



TORQUE ROD ASSEMBLY

13789

AD 123, 126, 246, 252, 369, 378

OEM# 46661, 900-446-36, 90044636
66661, 928660, 928661

B. H. 5/8" ROD END ASSEMBLY
L.G. 624 mm FITTED WITH **83520**
L.G. C-C 111 mm EASY MOUNT
VERSION



TORQUE ROD BUSH TOOL

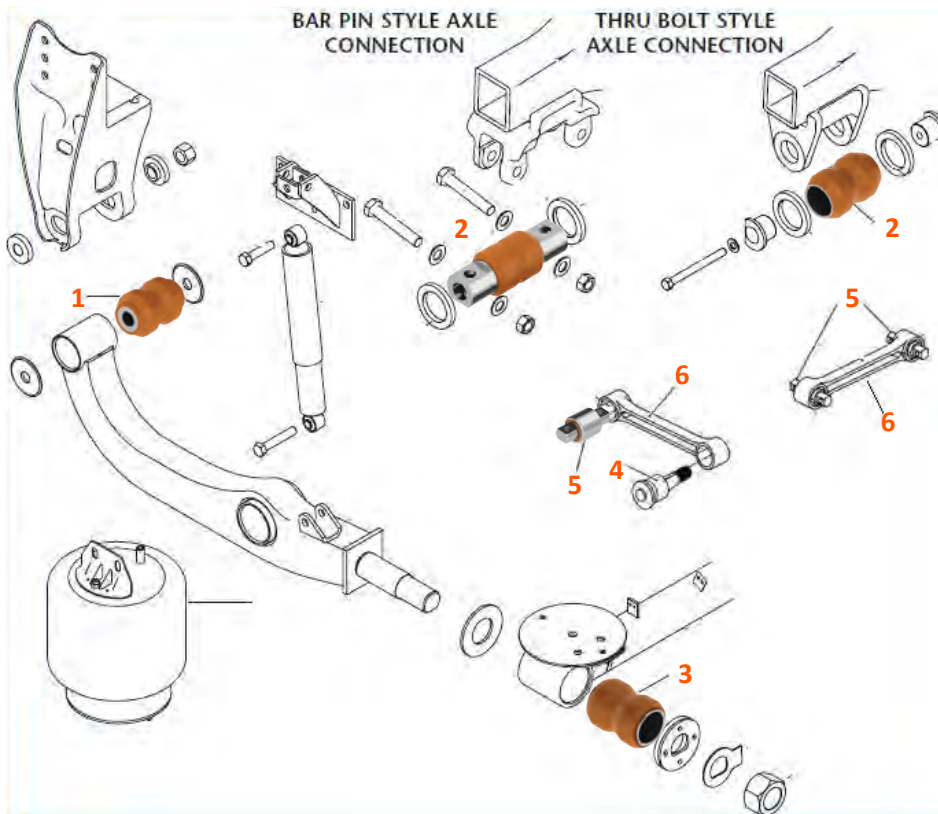
18551

INSTALL & REMOVAL TOOL

DESIGNED TO REMOVE THE OEM BUSH
AND INSTALL GAFF **11729**, **13520**,
13528, **13536** & **83520**
CORRECTLY WITH EASE



NEWAY AD SERIES



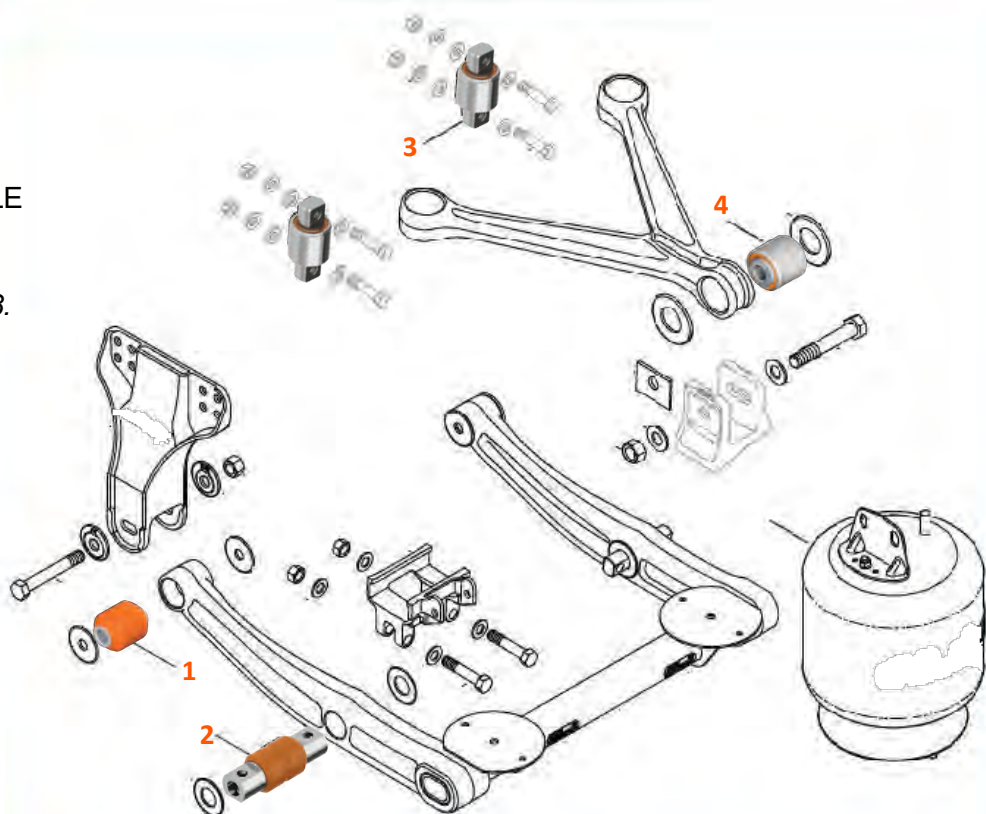
1. **14514** FRONT PIVOT BUSH
Suit AD-123/126/246/252/369/378.
2. AXLE BUSHING
14532 AXLE BUSH - PIN/BAR STYLE
Suit AD-123/246/369.
or
14527 AXLE BUSH - THRU BOLT STYLE
Suit AD-123/246/369.
3. **31592** TRANSVERSE BEAM BUSH
Suit AD-123/126/246/252/369/378.
4. **13518** TORQUE ROD BUSH - TAPERED
Suit AD-123/126/246/252/369/378.
13584 INSTALL & REMOVAL TOOL
Suit OEM & GAFF 13518.
5. **13520** TORQUE ROD BUSH - OEM STYLE
83520 TORQUE ROD BUSH - EASY MOUNT
HIGH ARTICULATION 360° ROTATION
Suit AD-123/126/246/252/369/378.
18551 INSTALL & REMOVAL TOOL
Suit OEM & GAFF 13520 & 83520.

6. **NOTE:** DUE TO DIFFERENT OEM LENGTHS YOU WILL NEED TO MAKE YOUR OWN USING A TUBE & ROD END.

- 13683** TORQUE ROD ASSEMBLY TUBE END FITTED WITH **13520** OEM STYLE BUSH.
- 13790** TORQUE ROD ASSEMBLY TUBE END FITTED WITH **83520** EASY MOUNT, HIGH ARTICULATION BUSH
- 13686** TORQUE ROD ASSEMBLY TUBE END FITTED WITH **13518** TAPERED BUSH
- 13691** TORQUE ROD ASSEMBLY ROD END FITTED WITH **13520** OEM STYLE BUSH.
- 13789** TORQUE ROD ASSEMBLY ROD END FITTED WITH **83520** EASY MOUNT, HIGH ARTICULATION BUSH

NEWAY ADZ SERIES

1. **14538** FRONT PIVOT BUSH
Suit ADZ-123/126/246/252/369/378.
2. **14536** AXLE BUSH - PIN/BAR STYLE
Suit ADZ-123/126/246/252/369/378.
3. **13520** TORQUE ROD BUSH - OEM STYLE
11729 TORQUE ROD BUSH - STRESS RELIEF DESIGN
Suit ADZ-123/126/246/252/369/378.
(Refer Tech Pub TP-0024A)
- 18551** INSTALL & REMOVAL TOOL
Suit OEM & GAFF 13520 & 11729.
4. **14537** V-ROD BUSH
Suit ADZ-123/126/246/252/369/378.



FRONT MOTOR MOUNT BARRY STYLE MOUNT

11615

OEM# K066-404, K066-405, K066-406,
K066-407, K066-423, D13-1012

I.D. 21 mm 1 UPPER MOUNT
O.D.1 51 mm 1 LOWER MOUNT
O.D.2 89 mm
B.H. 3/4" UNF



FRONT MOTOR MOUNT KIT BARRY STYLE MOUNT

11762

OEM# K066-404, K066-405, K066-406,
K066-407, K066-423, D13-1012

I.D. 21 mm 2x **11615** MOUNTS
O.D.1 51 mm INCLUDES BOLTS,
O.D.2 89 mm NUTS & WASHERS
B.H. 3/4" UNF



FRONT MOTOR MOUNT BUTTON STYLE MOUNT

11613

OEM# K066-229, M700NR, AV018TRP

I.D. 19 mm
O.D.1 53 mm
O.D.2 97 mm
H. 65 mm



REAR MOTOR MOUNT KIT BARRY STYLE MOUNT

11760

OEM# K066-377, K066-391, K066-421,
D13-1001-2, D13-1001-4, AV024TRP

I.D. 21 mm
B.H. 3/4" UNF



REAR MOTOR MOUNT BUTTON STYLE MOUNT SUIT C5 & K2 SERIES (SOME)

11614

OEM# K066-247, M506-70NR,
AV026TRP

I.D. 16 mm **11614** HEIGHT
W. 50 mm IS 59 mm
L.G. 141 mm **11539** HEIGHT
B.H. 5/8" IS 65 mm



REAR MOTOR MOUNT KIT BUTTON STYLE MOUNT SUIT C5 & K2 SERIES (SOME)

11837

OEM# K066-247, M506-70NR,
AV026TRP

I.D. 16 mm 2x **11614** MOUNTS
W. 50 mm INCLUDES BOLTS,
L.G. 141 mm NUTS & WASHERS
B.H. 5/8" UNF



REAR MOTOR MOUNT

11535

OEM# K174-456, K174-555

W. 51 mm
H. 55 mm
L.G. 114 mm



REAR MOTOR MOUNT BUTTON STYLE MOUNT SUIT T4, T6 & T9 SERIES (SOME)

11539

OEM# K066-282, K066-296,
K066-320, AV025TRP

I.D. 16 mm **11539** HEIGHT
W. 53 mm IS 65 mm
L.G. 146 mm **11614** HEIGHT
B.H. 5/8" IS 59 mm



REAR MOTOR MOUNT KIT BUTTON STYLE MOUNT SUIT T4, T6 & T9 SERIES (SOME)

11761

OEM# K066-282, K066-296,
K066-320, AV025TRP

I.D. 16 mm 2x **11539** MOUNTS
W. 53 mm INCLUDES BOLTS,
L.G. 146 mm NUTS & WASHERS
B.H. 5/8" UNF



MOTOR MOUNT

11707

OEM# M501, M501-70NR
K066-233

H. 51 mm
O.D.1 41 mm
O.D.2 64 mm
B.H. 5/8"



HOOD GUIDE

11545

SUIT T3, T4, T6, T9, C5 SERIES
(SOME)

OEM# K179-499

H. 98 mm
O.D.1 38 mm
O.D.2 81 mm
B.H. 1/2" UNC



ANTI-VIBRATION MOUNT VARIOUS HOOD, CAB, RADIATOR & FUEL TANK BRACES

11705

OEM# K066-176, K066-250,
M600, AV012TRP

H. 60 mm
O.D.1 46 mm
O.D.2 76 mm
B.H. 5/8"



HOOD SUPPORT - RHS SUIT T4, T6, T9 & C5 SERIES (SOME)

11839

OEM# R85-1236R, K278-1342R, AV017TRP

H. 57.9 mm RIGHT HAND SIDE
W.D. 107.2 mm
L.G. 100.1 mm LEFT HAND SIDE
L.G.C-C 60.3 mm IS **11840**



HOOD SUPPORT - LHS SUIT T4, T6, T9 & C5 SERIES (SOME)

11840

OEM# R85-1236, K278-1342, AV017TRP

H. 57.9 mm LEFT HAND SIDE
W.D. 107.2 mm
L.G. 100.1 mm RIGHT HAND SIDE
L.G.C-C 60.3 mm IS **11839**



HOOD SUPPORT SUIT T360, T410, T410SAR T610, T610SAR

11848

OEM# L85-6081

L.G. 129.3 mm
W. 93.7 mm
H. 58.7 mm

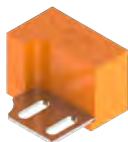


HOOD SUPPORT - RHS SUIT T3 SERIES (SOME)

11857

OEM# R85-1237R, R85-1252R, R85-1160R

H. 34.0 mm RIGHT HAND SIDE
W.D. 80.2 mm
L.G. 80.1 mm LEFT HAND SIDE
L.G.C-C 30.3 mm IS **11858**



HOOD SUPPORT - LHS SUIT T3 SERIES (SOME)

11858

OEM# R85-1237, R85-1252, R85-1160

H. 34.0 mm LEFT HAND SIDE
W.D. 80.2 mm
L.G. 80.1 mm RIGHT HAND SIDE
L.G.C-C 30.3 mm IS **11857**



HOOD ROLLER BUSH

11805

OEM# K066-360, 13-04391

I.D. 17.5 mm
O.D. 28.6 mm
L.G. 38.1 mm



HOOD HINGE BUSH - UPPER SUIT T360, T410, T410SAR T610, T610SAR

11860

OEM# L13-6006

B.H. 3/4" UPPER BUSH
W.D. 50.8 mm
L.G. 118.1 mm LOWER BUSH
H. 15.9 mm IS **12410**

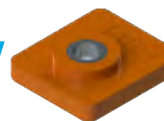


HOOD HINGE BUSH - LOWER SUIT T360, T410, T410SAR T610, T610SAR

12410

OEM# 13-04164

I.D. 12.7 mm LOWER BUSH
W.D. 50.8 mm
L.G. 57.1 mm UPPER BUSH
H. 15.9 mm IS **11860**



HOOD HINGE ROLLER SUIT T360, T410, T410SAR T610, T610SAR

11864

OEM# L13-6018, 13-03440, 13-04588
12367

I.D. 12.7 mm
O.D. 33.3 mm
L.G. 50.8 mm



HOOD HINGE BUSH - UPPER

11843

OEM# K066-463, K066-516

B.H. 3/4" UPPER BUSH
H. 38.1 mm
L.G.C-C 55.6 mm LOWER BUSH
IS **11844**



HOOD HINGE BUSH - LOWER

11844

OEM# K066-462, K066-517

B.H. 3/4" LOWER BUSH
H. 50.8 mm
L.G.C-C 55.6 mm UPPER BUSH
IS **11843**



ANTI-VIBRATION MOUNT VARIOUS HOOD, EXHAUST, CAB AIR INTAKE

11544

OEM# CB1121-10, K066-218, K066-338
M300-70NR, **11709**

I.D. 13.5 mm 32MM TALL
O.D.1 31.7 mm
O.D.2 44.5 mm 35MM TALL
H. 31.8 mm STYLE IS **11709**



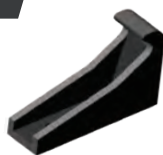
HOOD LATCH - HOOK

11097

SUIT T3, T360, T410, T610 SERIES

OEM# L03-0001, AV014TRP

W.D. 25.4 mm HOOD LATCH STRAP
L.G. 90.4 mm IS **12365**
H. 53.9 mm HOOD LATCH ASSY
IS **11134**



HOOD LATCH - STRAP

12365

SUIT T3, T360, T410, T610 SERIES

OEM# L56-0001, AV014TRP

HOOD LATCH HOOK
L.G. 225.4 mm IS **11097**
HOOD LATCH ASSY
IS **11134**



HOOD LATCH ASSEMBLY

11134

SUIT T3, T360, T410, T610 SERIES

OEM# L56-0001, AV014TRP

HOOD LATCH ASSEMBLY
INCLUDES **12365** WITH BRACKET



BATTERY BOX - LATCH

10024

OEM#

L.G. 149.2 mm



HOOD LATCH - STRAP

11768

SUIT T403, T608, T609 (SOME)
FRANNA CRANE

OEM# 37-99-344, 37-41-295-60

L.G. 273.0 mm



HOOD LATCH - STRAP

11543

SUIT C5, T4, T6, T9, T410SAR, T610SAR

OEM# K147-107, K147-106, K147C106

L.G. 230.9 mm



CAB & RADIATOR MOUNT

11612

BUTTON STYLE MOUNT

OEM# K066-177, K066-229
M500-70NR

I.D. 15.8 mm
O.D.1 39.6 mm
O.D.2 65.8 mm
H. 52.3 mm



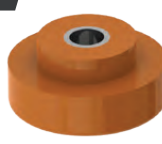
RADIATOR MOUNT

11523

BUTTON STYLE MOUNT

OEM# K066-228, K066-251
M601-70NR

I.D. 15.8 mm
O.D.1 46.0 mm
O.D.2 73.0 mm
H. 33.3 mm



ANTI-VIBRATION MOUNT

11709

VARIOUS HOOD, EXHAUST, CAB
AIR INTAKE

OEM# K066-218, K066-338
M300-70NR, **11544**

I.D. 13.5 mm 35MM TALL
O.D.1 29.3 mm
O.D.2 44.5 mm 32MM TALL
H. 34.9 mm STYLE IS **11544**



RADIATOR STAY BUSH KIT

11548

SUIT SIDE STAY BAR / BRACE

OEM# K264-84, K221-4992

I.D. 12.7 mm KIT INCLUDES
O.D. 41.2 mm 1x LOWER MOUNT
H. 34.9 mm 1x UPPER MOUNT



CHARGED AIR COOLER MOUNT

11554

OEM# M200-70EP

I.D. 10.3 mm
O.D.1 21.4 mm
O.D.2 25.4 mm
H. 25.4 mm



RADIATOR STAY BUSH

11831

SUIT TOP STAY BAR / BRACE

OEM# J-8006-10

I.D. 16.6 mm
O.D.1 40.4 mm
O.D.2 63.5 mm
H. 20.6 mm



EXHAUST BUSHING KIT

11811

SUIT T610

OEM# M13-1009, M13-6001, M13-6004

KIT INCLUDES
1x **11810** SHAFT ASSEMBLY & E-CLIPS 1x
11812 SHAFT BUSHINGS
1x **11809** EXHAUST MOUNT



CAB MOUNT

34515

BARRY STYLE MOUNT

OEM# 512-3NS

I.D. 19.8 mm H. 76.2 mm
O.D.1 64.2 mm L.G. 157.1 mm
O.D.2 85.7 mm W.D. 93.6 mm
L.G.-C-C 127.0 mm



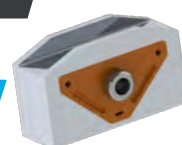
CAB MOUNT

18949

COFFIN STYLE MOUNT

OEM# K066-498

I.D. 17.4 mm H. 91.2 mm
W.D. 57.1 mm L.G. 157.9 mm
L.G.-C-C 115.0 mm



CAB MOUNT

11833

SUIT T410, T410SAR, T610, T610SAR

OEM# R62-6013

I.D. 17.4 mm
L.G. 155.5 mm
W.D. 105.5 mm
H. 88.9 mm



SPRING PIN BUSH - FRONT

11753

SUIT T410, T410SAR, T610, T610SAR
(U-BOLT MOUNT TYPE ONLY)

OEM# K179-559, 5295, B65-1006
B65-1008, B65-1017-001

O.D.1 26.9 mm FRONT OF FRONT
O.D.2 44.4 mm SPRING ONLY
L.G. 203.2 mm REAR OF FRONT
L.G.-C-C 160.3 mm SPRING IS **11758**



TOOLING AVAILABLE

SPRING PIN BUSH - REAR

11758

SUIT T3, T4, T6, T9, C5, K SERIES
(REAR OF FRONT SPRING ONLY)

OEM# K179-537, K179-378, 5295, B65-1005
B65-1002, B65-1001, B65-1017-003

O.D.1 26.9 mm REAR OF FRONT
O.D.2 44.4 mm SPRING ONLY
L.G. 185.7 mm
L.G.-C-C 146.0 mm



TOOLING AVAILABLE

SPRING PIN SHACKLE

18601

ALLOY SHACKLE - OFFSET

OEM# K209-59, K209-96, K209-77, K209-55
K209-84, K209-54, K209-89, **11778**

W.D. 44.4 mm
T.K. 38.8 mm
L.G. 163.5 mm
L.G.-C-C 101.6 mm



SPRING PIN SHACKLE

18602

ALLOY SHACKLE - STRAIGHT

OEM# K209-82, K209-87, K209-75, K209-36
K209-83, B20-1007, B20-1008, **11759**

W.D. 44.4 mm
T.K. 31.8 mm
L.G. 163.5 mm
L.G.-C-C 101.6 mm



RADIATOR STAY BUSH

11845

SUIT T410, T410SAR, T610, T610SAR

OEM# B70879, R70879
OE ROD # F65-1080-696094

I.D. 16.7 mm
O.D. 39.6 mm
H. 32.5 mm



SHOCK ABSORBER BUSH

11550

SUIT AIRGLIDE SUSPENSION
DAF & KENWORTH

OEM# K066-266, K066-310

I.D. 15.8 mm SUIT ALL SHOCKS
O.D.1 25.4 mm EXCEPT KONI
O.D.2 50.8 mm C71-1006
H. 25.4 mm SEE **11847**



SHOCK ABSORBER BUSH

11847

SUIT AIRGLIDE SUSPENSION
DAF & KENWORTH

OEM# 327084

I.D. 19.8 mm SUIT KONI SHOCK
O.D.1 23.0 mm C71-1006
O.D.2 46.0 mm 2x **11847** (LOWER)
H. 23.0 mm 2x **11550** (UPPER)



SHOCK ABSORBER BUSH

30507

SUIT FRONT STEER AXLE

OEM# 73D2002, M401754

I.D. 25.4 mm
O.D.1 38.8 mm
O.D.2 48.4 mm
H. 23.8 mm



FUEL TANK CAP GASKET

18320

OEM# 12105, 12105GTD, 90-00334

I.D. . 72.2 mm
O.D. 88.9 mm
T.K. 2.3 mm



SWAY BAR PIN & BUSH KIT

11733

SUIT AIRGLIDE AG200
DAF & KENWORTH

OEM# K066-461, K179-531, K345-5156
K207-1165, K207-1085, K198-1242, K198-1243

KIT INCLUDES

1x **11736** SWAY BAR PIN
1x **11734** SWAY BAR PIN WASHER
2x **11737** GREASE/DUST COVERS



SWAY BAR PIN REPAIR KIT

11766

SUIT AIRGLIDE AG200
DAF & KENWORTH

OEM# K066-461, K179-531, K345-5156
K207-1165, K207-1085, K198-1242, K198-1243

KIT INCLUDES

1x **11733** SWAY BAR PIN KIT
(PIN, WASHER, DUST COVERS)
1x SWAY BAR END / CARRIER



SWAY BAR BUSH

11502

SUIT AIRGLIDE AG100
(STANDARD BUSH)

OEM# K066-058, K066-293, K066-449

I.D. . 50.8 mm
O.D. 73.0 mm
L.G. 101.6 mm



SWAY BAR BUSH

11719

SUIT AIRGLIDE AG100
(OVERSIZED BUSH WITH TABS)

OEM# K066-058, K066-293, K066-449

I.D. . 49.2 mm
O.D. 73.0 mm
L.G. 101.6 mm



SWAY BAR BUSH

11720

SUIT AIRGLIDE AG200 (54MM BAR)
DAF & KENWORTH

OEM# C13-1004, K066-450, K066-478

I.D. . 54.7 mm
O.D. 77.7 mm
L.G. 71.4 mm



SWAY BAR BUSH

11743

SUIT AIRGLIDE AG200, 400, 460, 690
(58MM BAR) DAF & KENWORTH

OEM# C13-1005, K066-460, K066-477

I.D. . 57.1 mm
O.D. 78.5 mm
L.G. 73.0 mm



TORQUE ROD BUSH

13518

SUIT NEWAY AD 123, 126, 246, 252, 369
NEWAY AD 378 AIRGLIDE AG100

OEM# 229610, 944270, 925150

T.H. 1-1/4" UNF
O.D. 70 mm
L.G. 204 mm



TOOLING AVAILABLE

TORQUE ROD BUSH

13533

SUIT NEWAY AD 123, 126, 246, 252, 369
NEWAY AD 378 AIRGLIDE AG100

OEM# 229610, 944270, 925150

T.H. 1-1/4" UNF
O.D. 70 mm
L.G. 204 mm



TOOLING AVAILABLE

TRUNNION BUSH

11501

SUIT KW6-50 BIG 6 SUSPENSION

OEM# K066-318, K066-232

I.D. . 101.6 mm
O.D. 127.0 mm
L.G. 123.0 mm



TORQUE ROD BUSH

11511

SUIT KW6-50 BIG 6 SUSPENSION

OEM# K195-415-13, 24476-000

B. H. 5/8"
O.D. 88.9 mm
L.G. C-C 111.1 mm



TORQUE ROD BUSH

11514

SUIT KW6-50 BIG 6 SUSPENSION

OEM# K195-415-13, K066-259, 932420

B. H. 5/8"
O.D. 105 mm
L.G. C-C 111 mm



TORQUE ROD / SWAYBAR BUSH

13520

SUIT AIRGLIDE AG100, 200, 400, 460, 690
NEWAY AD & ADZ SERIES

OEM# 227720, 839310, 836940
TRB68250

B. H. 5/8" O.E.M. STYLE
O.D. 70 mm 3/4" B.H IS **13528**
L.G. C-C 111 mm EASY MOUNT
STYLE IS **83520**



TOOLING AVAILABLE

TORQUE ROD / SWAYBAR BUSH

83520

SUIT AIRGLIDE AG100, 200, 400, 460, 690
NEWAY AD & ADZ SERIES

OEM# 227720, 839310, 836940
TRB68250

B. H. 5/8" EASY MOUNT DESIGN
O.D. 70 mm HIGH ARTICULATION
L.G. C-C 111 mm 360 DEGREE
ROTATION



TOOLING AVAILABLE

TORQUE ROD BUSH

11729

SUIT AIRGLIDE AG200, 400, 460, 690
NEWAY ADZ123, 126, 246, 252, 369

OEM# 900-08-265, 90008265

Refer Tech Pub #TP-0024A

B. H. 5/8" STRESS RELIEF STYLE
O.D. 69 mm TORQUE ROD ONLY
L.G. C-C 111 mm O.E.M. STYLE BUSH
IS **13520**



TOOLING AVAILABLE

TORQUE ROD BUSH

13528

AD 123, 126, 246, 252, 369, 378

OEM# 49210, 49210-000
64400-005, 66649-005

B. H. 3/4" 5/8" BOLT VERSION
O.D. 70 mm IS **13520**
L.G. C-C 111 mm



TOOLING AVAILABLE

TORQUE ROD / SWAYBAR BUSH

13536

SUIT AIRGLIDE AG100, 200, 400, 460, 690
NEWAY AD & ADZ SERIES

OEM#

B. H. 5/8" **13520** WITHOUT
O.D. 70 mm METAL SLEEVE
L.G. C-C 111 mm



TOOLING AVAILABLE

TORQUE ROD ASSEMBLY

11773

SUIT AIRGLIDE AG200, 400, 460, 690

OEM# K195-472, K195-474,

L.G. 504 mm

TORQUE ROD BAR **11770**
FITTED WITH **11729** BUSH



TORQUE ROD ASSEMBLY

11080

SUIT AIRGLIDE AG100

OEM# K195-376, 935720, 935720AA

L.G. 609 mm O.E.M. VERSION
TORQUE ROD BAR **11754**
FITTED WITH **13520** & **13518** BUSH



TORQUE ROD ASSEMBLY

11835

SUIT AIRGLIDE AG100

OEM# K195-376, 935720, 935720AA

L.G. 609 mm EASY-MOUNT VERSION
TORQUE ROD BAR **11754**
FITTED WITH **83520** & **13518** BUSH



TORQUE ROD ASSEMBLY

11751

SUIT AIRGLIDE AG100

OEM# K195-374, K195-375, 944270

L.G. 609 mm

TORQUE ROD BAR **11754**
FITTED WITH **13520** BUSH

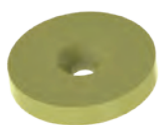


TRANSMISSION SPACER

11726

OEM# K221-394

I.D. . 7.9 mm 8 MM TALL
O.D. 48.4 mm 24 MM TALL
H 7.9 mm STYLE IS **11771**



TRANSMISSION SPACER

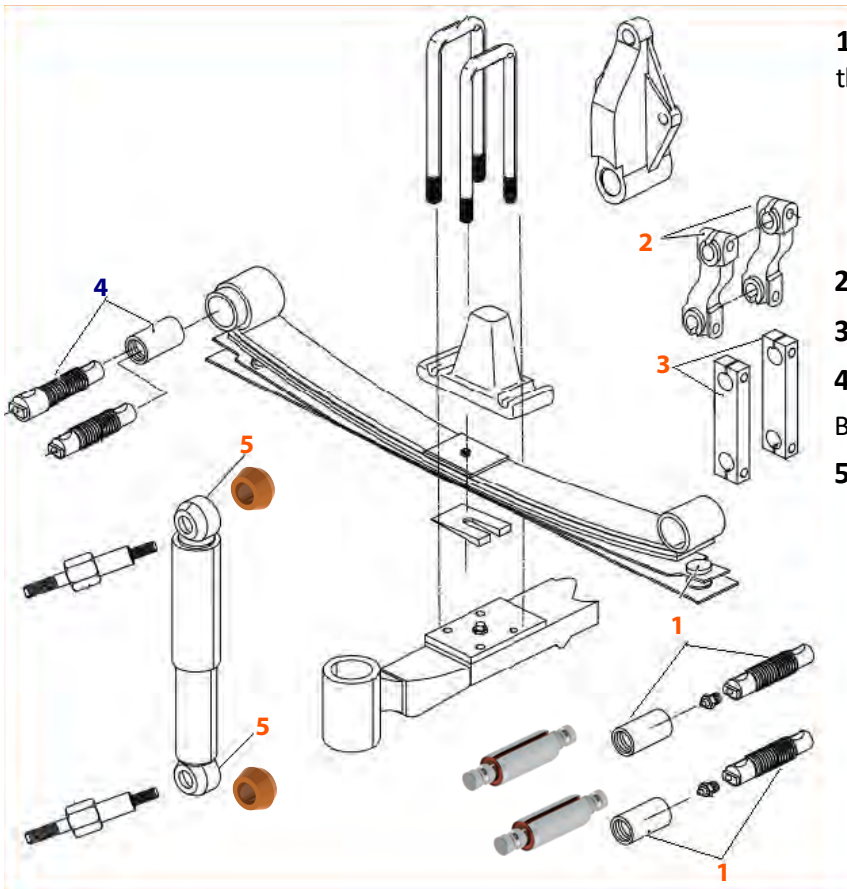
11771

OEM# K221-3694

I.D. . 7.9 mm 24 MM TALL
O.D. 48.4 mm 8 MM TALL
H 23.8 mm STYLE IS **11726**



KENWORTH STEER



1. GAFF single piece encapsulated pin & bush design replaces the old grease-able threaded pin & bush style.

40090 Install/Removal tool for OEM & GAFF Pins.

11767 is 138mm long from centre to centre of notches.

11758 is 146mm long from centre to centre of notches.

11753 is 160mm long from centre to centre of notches.

2. 18601 suits Offset Shackle style.

3. 18602 suits Straight Shackle style.

4. See Note 1 for Pin/Bush Length, If your model runs Pinch Bolt design you will need to use OEM threaded pin & bush style.

5. 30507 suit all Steer Axle Shocks Absorbers (4 per shock).

BIG 6 SUSPENSION

1. TRUNNION BUSH 11501

2. LOWER TORQUE ROD

TORQUE ROD BUSH **11511** IS 3-1/2" BUSH O.D.

TORQUE ROD BUSH **11514** IS 4-1/8" BUSH O.D.

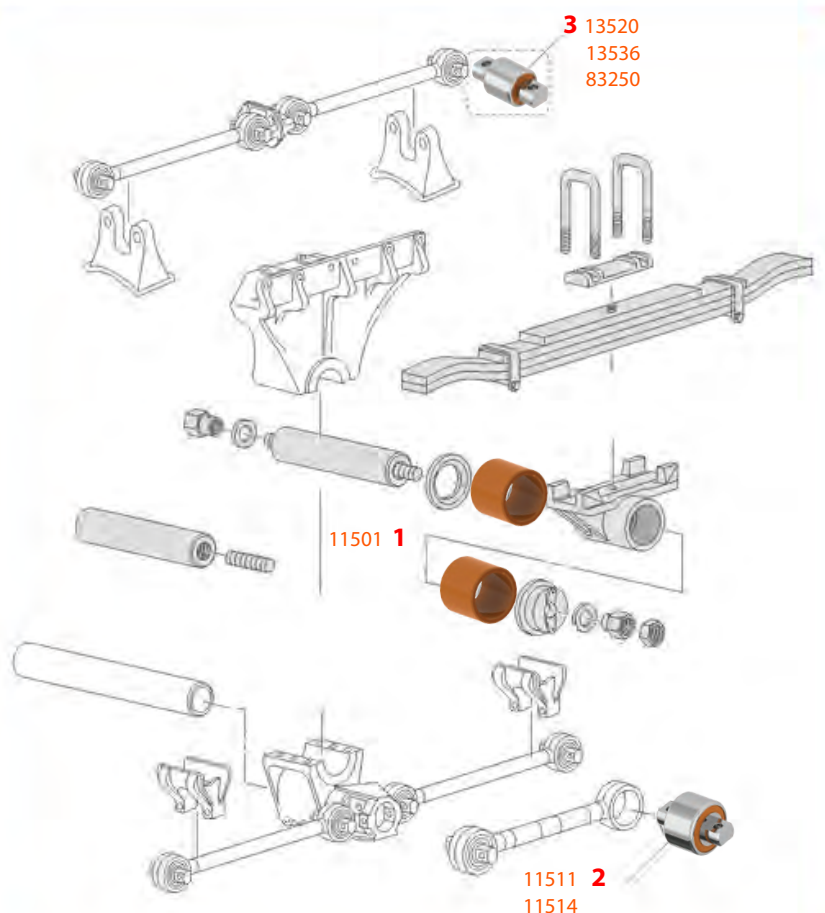
3. UPPER TORQUE ROD

TORQUE ROD BUSH **13520** STANDARD OEM DESIGN

TORQUE ROD BUSH **13536** SLEEVELESS BUSH DESIGN

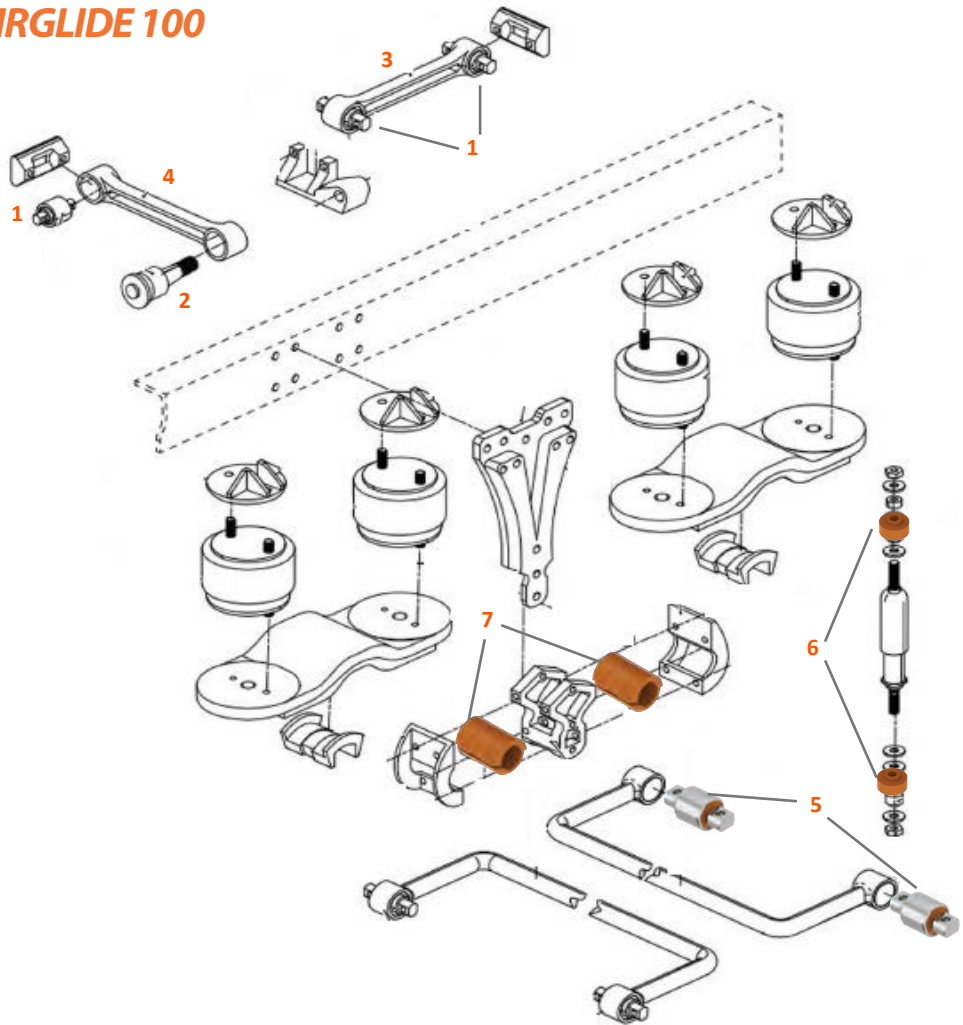
TORQUE ROD BUSH **83520** EASY MOUNT, FREE ROTATION DESIGN

INSTALL & REMOVAL TOOL IS **18551**



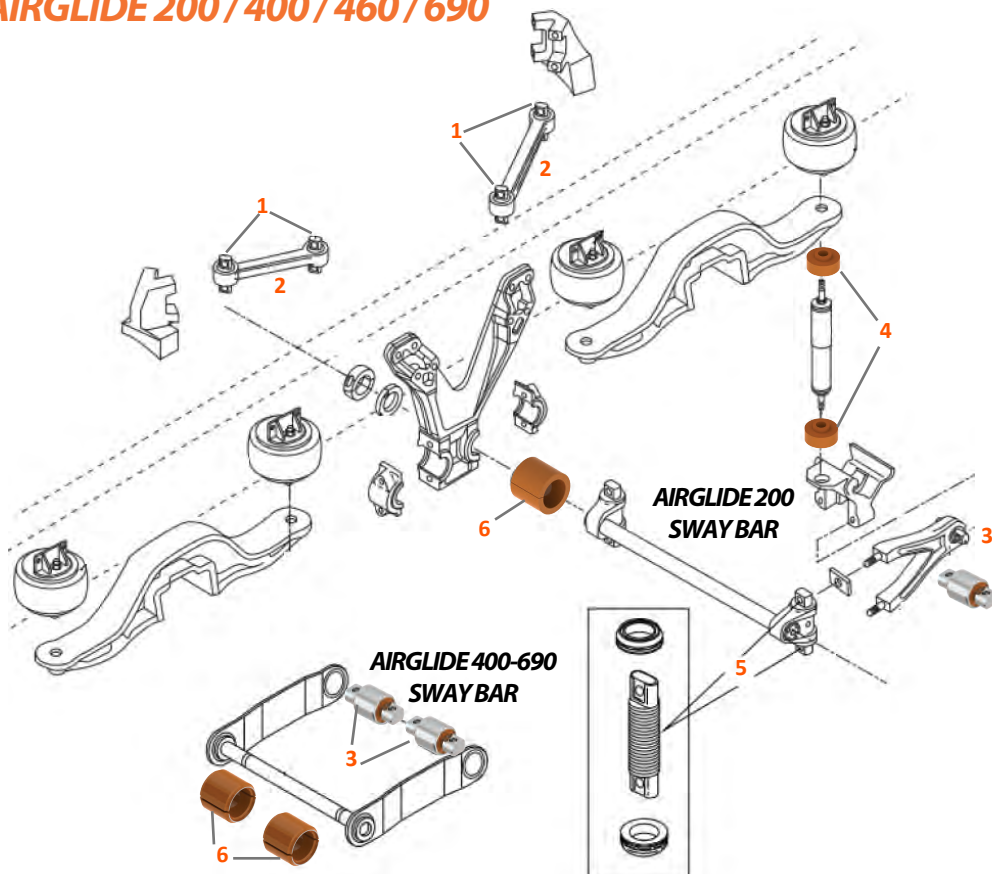
AIRGLIDE 100

1. TORQUE ROD BUSH **13520** IS A FIXED BUSH LIKE OEM
TORQUE ROD BUSH **83520** IS A EASY MOUNT DESIGN
INSTALL & REMOVAL TOOL IS **18551**
2. TORQUE ROD BUSH **13518** TAPERED DESIGN
3. TORQUE ROD ASSEMBLY **11751**
COMPLETE TORQUE ROD WITH **13520** INSTALLED
4. TORQUE ROD ASSEMBLY **11080**
COMPLETE TORQUE ROD WITH **13520** & **13518**
TORQUE ROD ASSEMBLY **11835**
COMPLETE TORQUE ROD WITH **83520** & **13518**
5. SWAY BAR BUSH **13520** IS A FIXED BUSH LIKE OEM
SWAY BAR BUSH IS **83520** IS EASY MOUNT DESIGN
INSTALL & REMOVAL TOOL IS **18551**
6. SHOCK ABSORBER BUSH IS **11550**
4 REQUIRED PER SHOCK ABSORBER
Note: KONI shock C71-1006 requires
2x **11550** (Upper) & 2x **11847** (Lower)
7. SWAY BAR BUSH **11502** SUITS STANDARD
SWAY BAR BUSH **11719** SUITS OVERSIZED WITH TABS



AIRGLIDE 200 / 400 / 460 / 690

1. TORQUE ROD BUSH **11729**
HIGH ARTICULATION DESIGN FOR VERTICAL MOUNTS
INSTALL & REMOVAL TOOL IS **18551**
2. TORQUE ROD ASSEMBLY **1773**
COMPLETE TORQUE ROD WITH **11729** INSTALLED
3. SWAY BAR BUSH **13520** IS A FIXED BUSH LIKE OEM
SWAY BAR BUSH **83520** IS A EASY MOUNT DESIGN
INSTALL & REMOVAL TOOL IS **18551**
4. SHOCK ABSORBER BUSH IS **11550**
4 REQUIRED PER SHOCK ABSORBER
Note: KONI shock C71-1006 requires
2x **11550** (Upper) & 2x **11847** (Lower)
5. SWAY BAR PIN & BUSH KIT IS **11733**
SWAY BAR REPAIR KIT IS **11766**
6. SWAY BAR BUSH **11720** SUITS 54MM SWAY BAR
SWAY BAR BUSH **11743** SUITS 58MM SWAY BAR



FRONT MOTOR MOUNT KIT 11074

SUIT FREIGHTLINER, STERLING & WESTERN STAR

OEM# BCD26704-1, BCD27651-1, BCD28945-1
01-33963-000, 01-33964-000, J21246-13

B.H. 3/4" 1 UPPER MOUNT
W.D. 82.5 mm 1 LOWER MOUNT
L.G. 184.1 mm
L.G.C-C 101.6 mm



FRONT MOTOR MOUNT KIT 11090

SUIT FREIGHTLINER, STERLING & WESTERN STAR

OEM# BCD26704-1, BCD27651-1, BCD28945-1
01-33963-000, 01-33964-000, J21246-13

B.H. 3/4" 1x HARDWARE KIT
W.D. 82.5 mm 1x LOWER MOUNT
L.G. 184.1 mm 1x UPPER MOUNT
L.G.C-C 101.6 mm



FRONT MOTOR MOUNT 11116

SUIT FREIGHTLINER CASCADIA

OEM# J-21247-4, J21247-21, J21246-60

B.H. 5/8" 1x HARDWARE KIT
W.D. 84.1 mm 1x LOWER MOUNT
L.G. 185.7 mm 1x UPPER MOUNT
L.G.C-C 101.6 mm

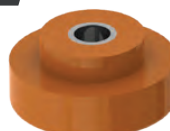


REAR MOTOR MOUNT - LOWER 11523

SUIT WESTERN STAR

OEM# 12004-3401, 144917156380
04-9009996

I.D. 15.8 mm LOWER MOUNT
O.D.1 46.0 mm REQUIRE 2
O.D.2 73.0 mm UPPER MOUNT
H. 33.3 mm IS 12301



REAR MOTOR MOUNT - UPPER 12301

SUIT WESTERN STAR

OEM# 12004-3402, 144917168930
04-9009997

I.D. 15.8 mm UPPER MOUNT
W.D. 76.2 mm
L.G. 158.75 mm LOWER MOUNT
H. 31.7 mm IS 11523



MOTOR MOUNT 11707

SUIT FREIGHTLINER & WESTERN STAR

OEM# CBA28-1050, CBA28-1050-1

I.D. 15.8 mm
O.D.1 40.4 mm
O.D.2 63.5 mm
H. 50.8 mm



REAR MOTOR MOUNT 11193

SUIT FREIGHTLINER & STERLING

OEM# BCD28805-1, BCD27477-2, 11077
BCD27330-1, BCD27330-2, 11089

I.D. 20.6 mm 1 UPPER MOUNT
W.D. 76.2 mm 1 LOWER MOUNT
L.G. 250.8 mm
L.G.C-C 211.1 mm



REAR MOTOR MOUNT KIT 11194

SUIT FREIGHTLINER & STERLING

OEM# BCD28805-1, BCD27477-2, 11077
BCD27330-1, BCD27330-2, 11089

KIT INCLUDES
1x HARDWARE KIT (BOLTS, NUTS, WASHERS)
2x UPPER MOUNTS
2x LOWER MOUNTS



REAR MOTOR MOUNT 11065

SUIT FREIGHTLINER FL SERIES

OEM# J20941-4, J20941-5, J20941-6
J20941-7 J20941-67, J20941-36

I.D. 16.6 mm
W.D. 60.3 mm
L.G. 137.3 mm
H. 76.2 mm



REAR MOTOR MOUNT - INSERT 11149

OLD STYLE - LORD MOUNT
SUIT FREIGHTLINER

OEM# J26185-28

H. 73.8 mm
W.D. 134.1 mm
L.G. 231.7 mm
T.H. 3/4" UNC



TOOLING AVAILABLE

REAR MOTOR MOUNT - INSERT 11179

NEW STYLE - TRELLEBORG MOUNT
SUIT FREIGHTLINER & WESTERN STAR

OEM# 01-34070-000, 01-34070-001
01-34505-000, 01-35313-000, 01-35313-001

H. 71.4 mm
W.D. 142.8 mm
L.G. 223.0 mm
T.H. M18 x 1.5

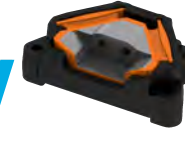


TOOLING AVAILABLE

REAR MOTOR MOUNT ASSEMBLY 11191

NEW STYLE - TRELLEBORG MOUNT
SUIT FREIGHTLINER CASCADIA

OEM# 01-34070-000, 01-35313-000



FRONT MOTOR MOUNT KIT 11018

SUIT FREIGHTLINER

OEM# 01-15047-000, SSB3310017, SB3310018
TLB1337155, TLB1337145

I.D. 19.0 mm KIT INCLUDES
O.D. 82.5 mm 1x LOWER MOUNT
H. 57.1 mm 1x UPPER MOUNT
1x SLEEVE



FRONT MOTOR MOUNT KIT 11113

SUIT FREIGHTLINER FL SERIES

OEM# J19791-1, J19791-3, J20120-4
A680-241-02-18, 01-33243-000

I.D. 19.8 mm KIT INCLUDES
O.D.1 95.2 mm 1x 11095 MOUNT
O.D.2 100.0 mm 1x 11112 MOUNT
H. 100.0 mm



FRONT MOTOR MOUNT 18102

SUIT WESTERN STAR

OEM# 12005-3403, 05-169192, 660551
CB1125-4, 04-9009991

I.D. 19.5 mm
O.D.1 55.5 mm
O.D.2 92.0 mm
H. 62.7 mm



MOTOR MOUNT 11725

SUIT FREIGHTLINER

OEM# CBA24-650-17, CBA24-650-50A
CBA24650

I.D. 15.8 mm
O.D.1 38.1 mm
O.D.2 60.3 mm
H. 53.1 mm



CAB MOUNT 11705

SUIT WESTERN STAR

OEM# CB1124-2, CB1124-4, CB1124-5
66001-3403, 05-14794

I.D. 15.8 mm
O.D.1 46.0 mm
O.D.2 76.2 mm
H. 60.3 mm



CAB & RADIATOR MOUNT 11533

SUIT WESTERN STAR

OEM# 12005-3414, 04-9009990, J6210-46
M602-70NR

I.D. 15.8 mm
O.D.1 46.0 mm
O.D.2 76.2 mm
H. 49.2 mm



CAB MOUNT - LOWER 11008

SUIT FREIGHTLINER

OEM# A6818910001, SB33310017A
18-43637-000, 681-891-00-01

I.D. 30.1 mm
O.D. 95.2 mm
H. 33.3 mm



CAB MOUNT - UPPER 11009

SUIT FREIGHTLINER

OEM# A6818900001, SB33310017B
18-43636-000, 681-890-00-01

I.D. 19.0 mm
O.D.1 64.2 mm
O.D.2 96.0 mm
H. 65.0 mm



CAB MOUNT KIT 11086

SUIT FREIGHTLINER

OEM# 11008, 11009, 11093

KIT INCLUDES
1x HARDWARE KIT (BOLTS, NUTS, WASHERS)
2x 11008 LOWER MOUNTS
2x 11009 UPPER MOUNT



HOOD HINGE BUSH 11019

SUIT FREIGHTLINER

OEM# J17700-5, J17002, 17-20709-000

I.D. 12.7 mm
O.D. 34.9 mm
L.G. 55.5 mm



HOOD GUIDE 11020

SUIT FREIGHTLINER

OEM# A17-10464-001

I.D. 12.7 mm
O.D.1 47.6 mm
O.D.2 101.6 mm
H. 76.2 mm



HOOD GUIDE 11177

SUIT FREIGHTLINER CASCADIA
WESTERN STAR 47X, 48X, 49X

OEM# A17-20868-000, A18-59704-000
A17-21590-000, A17-21590-001

I.D. 12.7 mm
O.D. 111.9 mm
H. 76.9 mm



RADIATOR MOUNT KIT SUIT FREIGHTLINER & WESTERN STAR

11021

OEM# S-19782, 05-16070-000, A6815040082
681-504-00-82

I.D. . 22.2 mm KIT INCLUDES
O.D.1 38.1 mm 1x LOWER MOUNT
O.D.2 75.4 mm 1x UPPER MOUNT
H. 46.0 mm 1x SLEEVE



CAB & HOOD MOUNT KIT SUIT FREIGHTLINER & WESTERN STAR

18015

OEM# 67009-3442, CB2202-12
18-41025-000

I.D. . 13.4 mm KIT INCLUDES
O.D. 47.6 mm 1x LOWER MOUNT
1x UPPER MOUNT



HOOD SUPPORT SUIT WESTERN STAR

40336

OEM# 67009-3438, A17-18108-001

L.G. 101.6 mm
L.G.-C 50.8 mm
W.D 76.2 mm
H. 38.1 mm

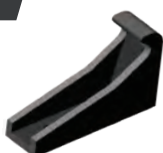


HOOD LATCH - HOOK SUIT FREIGHTLINER, STERLING WESTERN STAR (FENDER)

11097

OEM# 17-14781-000, 681-887-24-14

W.D. 25.4 mm HOOD LATCH STRAP
L.G. 90.4 mm IS **12365**
H 53.9 mm HOOD LATCH ASSY
IS **11134**



HOOD LATCH - STRAP SUIT FREIGHTLINER, STERLING WESTERN STAR (FENDER)

12365

OEM# 67101-3417

L.G. 225.4 mm HOOD LATCH HOOK
IS **11097**
HOOD LATCH ASSY
IS **11134**



HOOD LATCH ASSEMBLY SUIT FREIGHTLINER, STERLING WESTERN STAR (FENDER)

11134

OEM# 67101-3417

HOOD LATCH ASSEMBLY
INCLUDES **12365** WITH BRACKET



HOOD LATCH - HOOK SUIT FREIGHTLINER, STERLING WESTERN STAR (BONNET)

11096

OEM# 17-12434-000

W.D. 53.1 mm HOOD LATCH STRAP
L.G. 123.8 mm IS **11102**
H 25.4 mm HOOD LATCH ASSY
IS **11176**



HOOD LATCH - STRAP SUIT FREIGHTLINER, STERLING WESTERN STAR (BONNET)

11102

OEM# 67101-3419, 17-12438-000

L.G. 277.8 mm HOOD LATCH HOOK
IS **11096**
HOOD LATCH ASSY
IS **11176**



HOOD LATCH ASSEMBLY SUIT FREIGHTLINER, STERLING WESTERN STAR (BONNET)

11176

OEM# 67101-3419, 17-12438-000

HOOD LATCH ASSEMBLY
INCLUDES **11102** WITH BRACKET



HOOD LATCH - STRAP SUIT STERLING & FRANNA CRANE

11768

OEM# 37-99-344, 37-41-295-60

L.G. 273.0 mm



CLUTCH BAR BUSH SUIT FREIGHTLINER

11118

OEM# OE ROD A02-13100-002
A02-13110-002

I.D. . 12.7 mm
O.D.1 35.7 mm
O.D.2 38.1 mm
H. 25.4 mm



EXHAUST & HOOD MOUNT SUIT FREIGHTLINER & WESTERN STAR

11544

OEM# CB1121-10, M300-70NR

I.D. . 13.4 mm
O.D.1 31.7 mm
O.D.2 44.4 mm
H. 31.7 mm



FRONT SPRING PIN BUSH SUIT FREIGHTLINER & WESTERN STAR HENDRICKSON AIRTEK

11066

OEM# 16-17769-000, A6803220150
680-322-01-50

I.D. 19.0 mm OEM STYLE
O.D. 57.1 mm UPGRADE TO
L.G. 107.9 mm BUSH **11094** &
SHACKLE **18600**



TOOLING AVAILABLE

FRONT SPRING PIN BUSH SUIT FREIGHTLINER & WESTERN STAR HENDRICKSON AIRTEK

11094

OEM# 837560, 16-21919-000, 16-18023-000
16-14603-000, 16-17194-000, 16-17770-000

O.D.1 31.7 mm
O.D.2 57.1 mm
L.G. C-C 136.5 mm



TOOLING AVAILABLE

FRONT SPRING SHACKLE SUIT FREIGHTLINER & WESTERN STAR HENDRICKSON AIRTEK

18600

OEM# 16-11890-000, 16-11890-001
16-11890-002

W.D. 50.8 mm
T.K. 25.4 mm
L.G. 197.6 mm
L.G.-C 134.9 mm



SHOCK ABSORBER BUSH SUIT FRONT STEER AXLE

30507

OEM# 73D2002, M401754, 37302-3403
16-10722-000, 16-10722-001, 16-10722-002

I.D. . 25.4 mm
O.D.1 38.8 mm
O.D.2 48.4 mm
H. 23.8 mm



FRONT SPRING MOUNT SUIT WESTERN STAR 2800 (SOME) STERLING (SOME)

31624

OEM# A16-15303-000, A16-15773-000

W.D. . 130.1 mm
H. 134.9 mm
L.G. 192.8 mm
L.G.-C 150.0 mm



SPRING PIN BUSH TOOL INSTALL & REMOVAL TOOL

11069

DESIGNED TO REMOVE THE
OEM BUSH AND INSTALL
GAFF **11005** & **11083**
CORRECTLY WITH EASE



DRIVE SPRING PIN BUSH SUIT ALL AIRLINER SUSPENSION

11083

OEM# 16-18035-000, 16-22080-000, 681-325-01-50
16-13962-000, 681-325-02-50

B. H 13/16" ANTI-WALK STYLE
O.D. 63.5 mm
L.G. C-C 146.0 mm



TOOLING AVAILABLE

DRIVE SPRING PIN BUSH SUIT ALL AIRLINER SUSPENSION

11187

OEM# 16-18035-000, 16-22080-000, 681-325-01-50
16-13962-000, 681-325-02-50

B. H 13/16" EASY MOUNT DESIGN
O.D. 63.5 mm HIGH ARTICULATION
L.G. C-C 146.0 mm 360 DEGREE
ROTATION



TOOLING AVAILABLE

SPRING PIN BUSH TOOL INSTALL & REMOVAL TOOL

11161

DESIGNED TO REMOVE THE
OEM BUSH AND INSTALL
GAFF **11005** & **11083**
CORRECTLY WITH EASE



TORQUE ROD BUSH SUIT AIRLINER 40K SUSPENSION

13521

OEM# 47691, 47691-000

B. H 5/8" OEM STYLE
O.D. 51 mm ANTI-WALK STYLE
L.G. C-C 112 mm IS **11004**



TORQUE ROD BUSH SUIT AIRLINER 40K SUSPENSION

11004

OEM# 47691, 47691-000

B. H 5/8" ANTI-WALK STYLE
O.D. 51 mm
L.G. C-C 112 mm



TORQUE ROD BUSH SUIT AIRLINER 40K SUSPENSION

13834

OEM# 47691, 47691-000

B. H 5/8" EASY MOUNT DESIGN
O.D. 51 mm HIGH ARTICULATION
L.G. C-C 112 mm 360 DEGREE
ROTATION



TORQUE ROD BUSH **13520**
SUIT AIRLINER 46K SUSPENSION
NEWAY AD & ADZ SERIES

OEM# 44695, 44695-000
227720, IPC227720

B. H 5/8" EASY MOUNT
O.D. 70 mm STYLE IS **83520**
L.G. C-C 111 mm



TORQUE ROD BUSH **83520**
SUIT AIRLINER 46K SUSPENSION
NEWAY AD & ADZ SERIES

OEM# 44695, 44695-000
227720, IPC227720

B. H 5/8" EASY MOUNT DESIGN
O.D. 70 mm HIGH ARTICULATION
L.G. C-C 111 mm 360 DEGREE
ROTATION

TOOLING AVAILABLE



TORQUE ROD BUSH **13536**
SUIT AIRLINER 46K SUSPENSION
NEWAY AD & ADZ SERIES

OEM#

B. H 5/8" **13520** WITHOUT
O.D. 70 mm METAL SLEEVE
L.G. C-C 111 mm

TOOLING AVAILABLE



TORQUE ROD ASSEMBLY **11081**
SUIT AIRLINER 40K SUSPENSION

OEM# 16-18972-000, 16-21340-001

L.G. 615 mm
TORQUE ROD BAR **11081**
FITTED WITH **11004** BUSH



TORQUE ROD BUSH **13518**
SUIT NEWAY AD 123, 126, 246, 252, 369
NEWAY AD 378

OEM# 229610, 944270, 92515

T.H. 1-1/4" UNF
O.D. 70 mm
L.G. 204 mm

TOOLING AVAILABLE



TORQUE ROD ASSEMBLY **11152**
SUIT AIRLINER 46K SUSPENSION

OEM# 16-15632-00, TR46-41000

L.G. 622 mm
TORQUE ROD BAR **11156**
FITTED WITH **13520** BUSH



TORQUE ROD ASSEMBLY **11081EZ**
SUIT AIRLINER 40K SUSPENSION

OEM# 16-18972-000, 16-21340-001

L.G. 615 mm
TORQUE ROD BAR **11081**
FITTED WITH **13834** BUSH



TORQUE ROD BUSH **13533**
SUIT NEWAY AD 123, 126, 246, 252, 369
NEWAY AD 378

OEM# 229610, 944270, 92515

T.H. 1-1/4" UNF **13518** WITHOUT
O.D. 70 mm METAL SLEEVE
L.G. 204 mm

TOOLING AVAILABLE



TORQUE ROD ASSEMBLY **11152EZ**
SUIT AIRLINER 46K SUSPENSION

OEM# 16-15632-00, TR46-41000

L.G. 622 mm
TORQUE ROD BAR **11156**
FITTED WITH **83520** BUSH



TORQUE ROD ASSEMBLY **13683**
SUIT AIRLINER 46K SUSPENSION
NEWAY AD SERIES

B. H 5/8" TUBE END ASSEMBLY
L.G. 189 mm FITTED WITH **13520**
L.G. C-C 111 mm EASY MOUNT
VERSION IS **13790**



TORQUE ROD ASSEMBLY **13790**
SUIT AIRLINER 46K SUSPENSION
NEWAY AD SERIES

B. H 5/8" TUBE END ASSEMBLY
L.G. 189 mm FITTED WITH **83520**
L.G. C-C 111 mm EASY MOUNT
VERSION



TORQUE ROD BUSH TOOL **13584**
INSTALL & REMOVAL TOOL

DESIGNED TO REMOVE THE OEM BUSH
AND INSTALL GAFF **13518** & **13533**
CORRECTLY WITH EASE



TORQUE ROD ASSEMBLY **13691**
SUIT AIRLINER 46K SUSPENSION
NEWAY AD SERIES

B. H 5/8" ROD END ASSEMBLY
L.G. 624 mm FITTED WITH **13520**
L.G. C-C 111 mm EASY MOUNT
VERSION IS **13789**



TORQUE ROD ASSEMBLY **13789**
SUIT AIRLINER 46K SUSPENSION
NEWAY AD SERIES

B. H 5/8" ROD END ASSEMBLY
L.G. 624 mm FITTED WITH **83520**
L.G. C-C 111 mm EASY MOUNT
VERSION



TORQUE ROD ASSEMBLY **13686**
AD 123, 126, 246, 252, 369, 378

OEM# 46630, 66630, 928630
66630-000, IPC928630

T. H 1-1/4" UNF TUBE END ASSEMBLY
L.G. 189 mm FITTED WITH **13518**



TORQUE ROD BUSH **11163**
SUIT TUFTRAC SUSPENSION

OEM# 062-480-041-000

B. H 21/32" KIT INCLUDES
O.D. 74.6 mm 1x CIRCLIP KIT
L.G. C-C 111.1 mm 1x BUSH



TORQUE ROD BUSH **11166**
SUIT TUFTRAC SUSPENSION

OEM#

B. H 29/32" KIT INCLUDES
O.D. 84.9 mm 1x CIRCLIP KIT
L.G. C-C 174.6 mm 1x BUSH



TORQUE ROD BUSH **11162**
SUIT TUFTRAC SUSPENSION

OEM# 80480078000

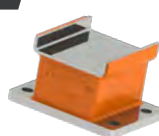
B. H 29/32" KIT INCLUDES
O.D. 100 mm 1x CIRCLIP KIT
L.G. C-C 174.6 mm 1x BUSH



SPRING INSULATOR - UPPER **11164**
SUIT TUFTRAC SUSPENSION

OEM# 11-19581-000, 11-22805-000
11-20808-000

H. 62.7 mm
W.D. 100.0 mm
L.G. 128.5 mm



SPRING INSULATOR - LOWER **11165**
SUIT TUFTRAC SUSPENSION

OEM# 11-20807-000

H. 55.5 mm
W.D. 100.0 mm
L.G. 100.0 mm



BOLSTER SPRING **11159**
SUIT TUFTRAC SUSPENSION

OEM# 16-15010-000

H. 115.8 mm
W.D. 139.7 mm
L.G. 269.0 mm
L.G. C-C 192.0 mm



TORQUE ROD BUSH TOOL **18551**
INSTALL & REMOVAL TOOL

DESIGNED TO REMOVE THE OEM BUSH
AND INSTALL GAFF **11729**, **13520**,
13528, **13536** & **83520**
CORRECTLY WITH EASE



TORQUE ROD BUSH **13528**
SUIT NEWAY AD 123, 126, 246, 252, 369
NEWAY AD 378

OEM# 49210, 49210-000
64400-005, 66649-005

B. H 3/4" 5/8" BOLT VERSION
O.D. 70 mm IS **13520**
L.G. C-C 111 mm

TOOLING AVAILABLE



BATTERY BOX LATCH **10024**

OEM#

L.G. 149.2 mm

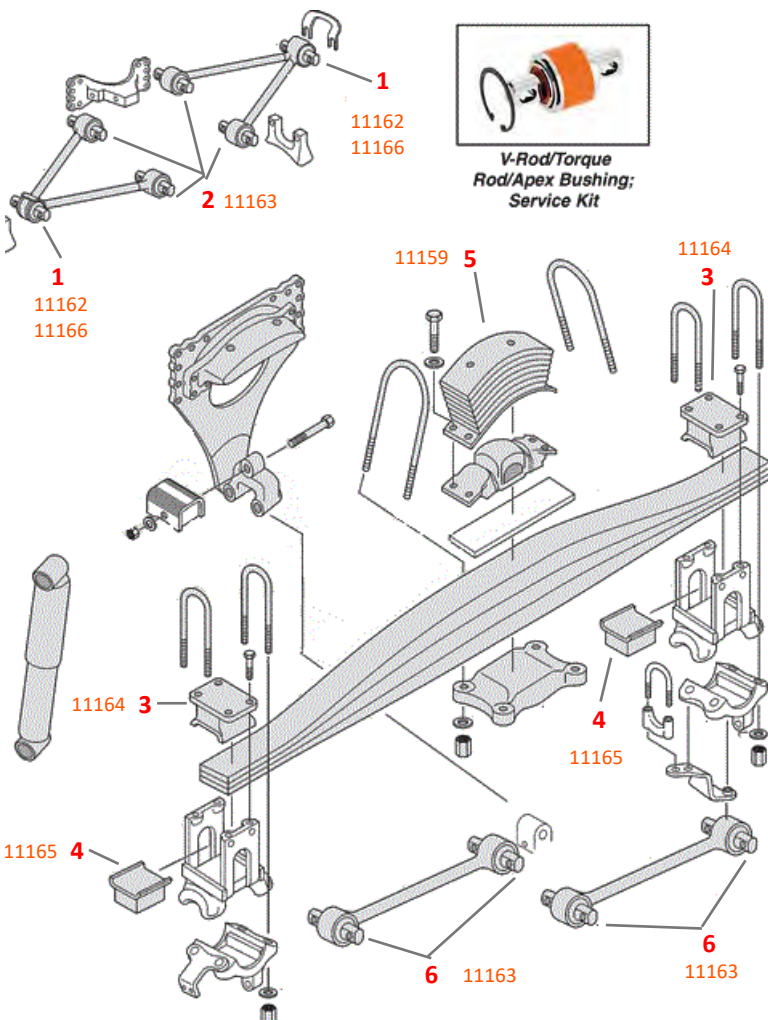


FAS AIRLINER I & II

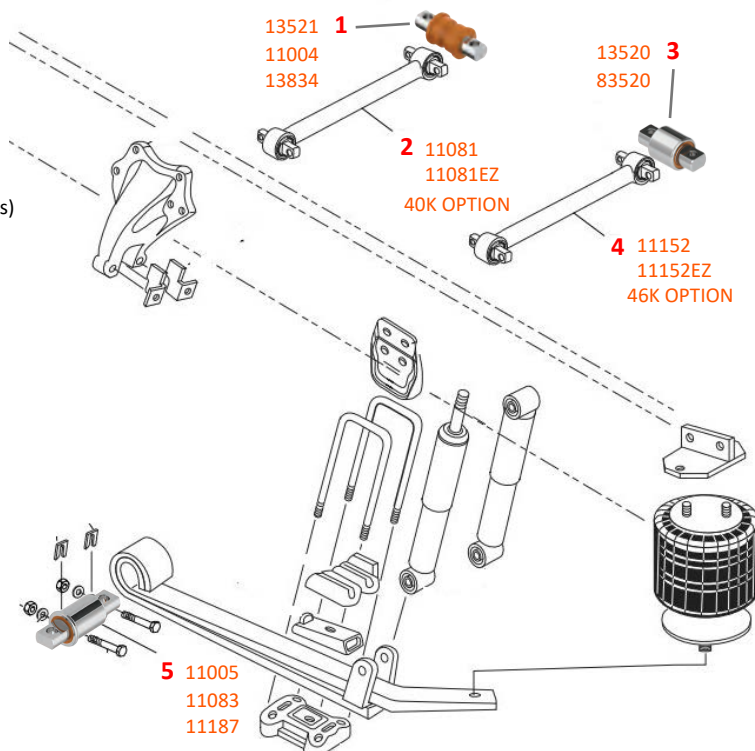
1. TORQUE ROD BUSH **13521** STANDARD OEM DESIGN (40,000 lbs)
TORQUE ROD BUSH **11004** ANTI-WALK DESIGN (40,000 lbs)
TORQUE ROD BUSH **13834** EASY MOUNT FREE ROTATION DESIGN (40,000 lbs)
2. TORQUE ROD ASSEMBLY **11081** ANTI-WALK BUSHES(40,000 lbs)
TORQUE ROD ASSEMBLY **11081EZ** EASY MOUNT FREE ROTATION BUSHES (40,000 lbs)
3. TORQUE ROD BUSH **13520** STANDARD OEM DESIGN (46,000 lbs)
TORQUE ROD BUSH **83520** EASY MOUNT FREE ROTATION DESIGN (46,000 lbs)
INSTALL & REMOVAL TOOL IS **18551**
4. TORQUE ROD ASSEMBLY **11152** COMPLETE TORQUE ROD WITH **13520** BUSHES
TORQUE ROD ASSEMBLY **11152EZ** COMPLETE TORQUE ROD WITH **83520** BUSHES
5. DRIVE SPRING PIN BUSH **11005** STANDARD OEM DESIGN
DRIVE SPRING PIN BUSH **11083** ANTI-WALK DESIGN
DRIVE SPRING PIN BUSH **11187** EASY MOUNT FREE ROTATION DESIGN
INSTALL & REMOVAL TOOL IS **11161**

IT'S ADVISED TO UPGRADE 40,000 LBS TORQUE RODS TO 46,000 LBS WHEN POSSIBLE, Refer 32-51 Freightliner Service Bulletin.

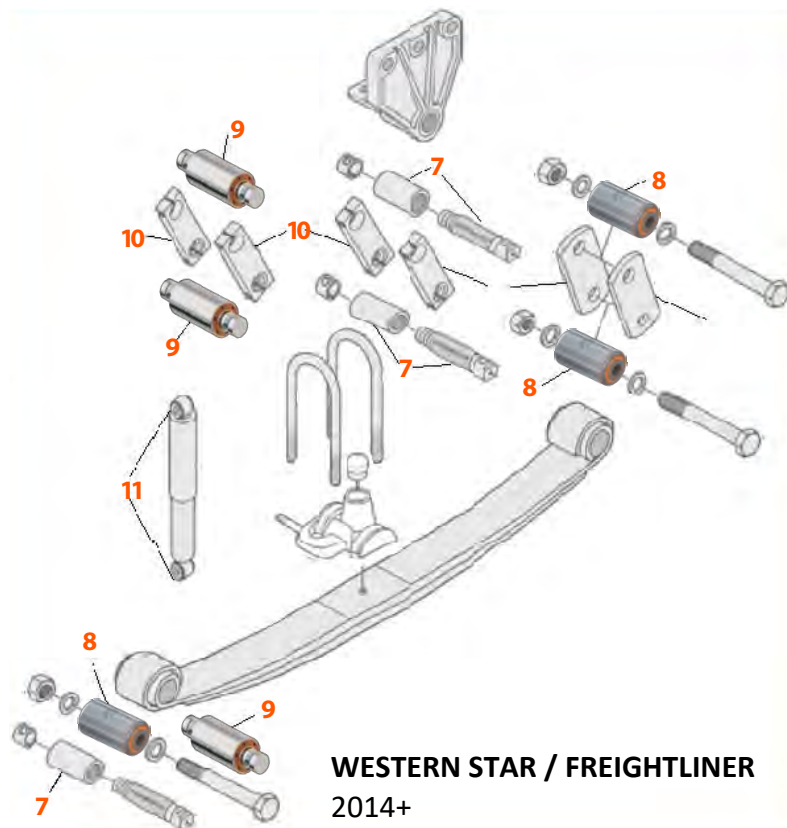
FAS TUFTRAC SUSPENSION



1. UPPER V-ROD / TORQUE ROD BUSH **11162** IS 100MM O.D. BUSH
UPPER V-ROD / TORQUE ROD BUSH **11166** IS 85MM O.D. BUSH
2. UPPER V-ROD / TORQUE ROD BUSH **11163**
3. UPPER SPRING INSULATOR **11164**
4. LOWER SPRING INSULATOR **11165**
5. BOLSTER SPRING **11159**
6. LOWER TORQUE ROD BUSH **11163**



DTNA STEER SPRING ASSEMBLY



**WESTERN STAR / FREIGHTLINER
2014+**

7. Threaded Pin & Bush design, need to upgrade to **11094** design.
8. OEM rubber bush & bolt style replace bush with **11066** Bush or upgrade to **11094** design. **11168** Install/Removal Tool for OEM & GAFF Bush.
9. OEM Encapsulated Rubber Bush & Pin design, replace with **11094** Bush & Pin design. **11168** Install/Removal Tool for OEM & GAFF Bush.
10. **18600** replaces all previous OEM Shackle designs.
11. **30507** replacement Steer Axle Shock Bushes, 2 piece design (4 per shock).

FRONT MOTOR MOUNT

34509

SUIT 1000, 1600, 2500, 2600, 3200 - 3800
4000 - 4900, 7100, 8200, 8300

OEM# 5801893942, 5801896897, 1664726C2
1664723C3, 1664723C5, **34507**

1x **34569** UPPER MOTOR MOUNT
1x **34593** LOWER MOTOR MOUNT
FRONT MOTOR MOUNT KIT IS **34526**



FRONT MOTOR MOUNT KIT

34526

SUIT 1000, 1600, 2500, 2600, 3200 - 3800
4000 - 4900, 7100, 8200, 8300

OEM# 5801893942, 5801896897, 1664726C2
1664723C3, 1664723C5, **34507**

KIT INCLUDES
1x HARDWARE KIT (BOLTS, NUTS, WASHERS)
2x **34569** UPPER MOTOR MOUNT
2x **34593** LOWER MOTOR MOUNT



FRONT MOTOR MOUNT

11536

SUIT INTERNATIONAL WITH CUMMINS

OEM# 127426, 3261788R1

I.D. 21.4 mm
O.D.1 57.1 mm
O.D.2 93.7 mm
L.G. 63.5 mm



REAR MOTOR MOUNT

34500

SUIT INTERNATIONAL ACCO

OEM# 1664728C1, 1664728C2,
5801893941, 5801896897

1x **34508** UPPER MOTOR MOUNT
1x **34593** LOWER MOTOR MOUNT
REAR MOTOR MOUNT KIT IS **34524**



REAR MOTOR MOUNT KIT

34524

SUIT INTERNATIONAL ACCO

OEM# 1664728C1, 1664728C2,
5801893941, 5801896897

KIT INCLUDES
1x HARDWARE KIT (BOLTS, NUTS, WASHERS)
2x **34508** UPPER MOTOR MOUNT
2x **34593** LOWER MOTOR MOUNT



REAR MOTOR MOUNT

10075

SUIT INTERNATIONAL WITH CUMMINS

OEM# 503579C1, 507569C91, 503837C1

I.D. 38.1 mm
O.D. 76.2 mm
L.G. 76.2 mm



REAR MOTOR MOUNT

34510

SUIT 5500i-5900i, 7600, 7700, 8100, 8600
9100-9900, PROSTAR & CAT TRUCKS

OEM# 1664730C5, 1664729C1, 1664724C3
20147772C2, 364-8878, 3648878

1x **34510** UPPER MOTOR MOUNT
1x **34522** LOWER MOTOR MOUNT
REAR MOTOR MOUNT KIT IS **34525**



REAR MOTOR MOUNT KIT

34525

SUIT 5500i-5900i, 7600, 7700, 8100, 8600
9100-9900, PROSTAR & CAT TRUCKS

OEM# 1664730C5, 1664729C1, 1664724C3
20147772C2, 364-8878, 3648878

KIT INCLUDES
1x HARDWARE KIT (BOLTS, NUTS, WASHERS)
2x **34510** UPPER MOTOR MOUNT
2x **34522** LOWER MOTOR MOUNT



SPIDER JAW COUPLING

17509

SUIT CUMMINS & DETROIT

OEM# 101920, 109859, 162426, 3046200
23505249, DDC23505249

I.D. 32.5 mm
O.D. 84.1 mm
T.K. 23.8 mm
INJECTOR PUMP FUEL PUMP COUPLING



REAR MOUNT / TRANS MOUNT

10503

SUIT INTERNATIONAL

OEM# 470031, 470031C2, 4003053
1811, EE14003053

I.D. 15.8 mm
O.D.1 38.1 mm
O.D.2 71.4 mm
L.G. 61.1 mm



REAR MOUNT / TRANS MOUNT

10505

SUIT INTERNATIONAL

OEM# 479237C1, 583955C1, 4170
14003030, 14003052

I.D. 15.8 mm
O.D.1 39.7 mm
O.D.2 76.9 mm
L.G. 66.6 mm



SHIFTER BUSH KIT

11611

SUIT EATON TRANSMISSION
ROAD RANGER

OEM# K-3399, K3399, 21244, 3311

I.D. 21 mm
O.D. 38 mm
H. 59 mm
PRE-DRILLED BUSH INCLUDES PIN & BUSH KIT



FRONT SPRING BUSH

34511

SUIT INTERNATIONAL PROSTAR
& CAT TRUCKS

OEM# 3525665C1, 4C405348BA
4C425348BA

I.D. 19.0 mm
O.D. 46.8 mm
L.G. 107.1 mm



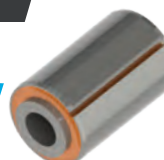
FRONT SPRING BUSH

34550

SUIT INTERNATIONAL 7600, 9400
& HENDRICKSON

OEM# 3533233C1, 82033, 82033-000

I.D. 25.4 mm
O.D. 63.5 mm
L.G. 107.9 mm



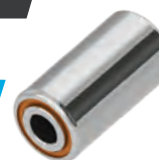
EQUALIZER BUSH

13513

SUIT INTERNATIONAL 8100, 9200
& HENDRICKSON

OEM# 497501C2, 10QK260, **13577**

I.D. 25.4 mm
O.D. 63.5 mm
L.G. 119.8 mm



CAB MOUNT

34515

SUIT INTERNATIONAL

OEM# 3515345C1, 351345C2, 3515345C3
27980-1/E, 512-SNS

I.D. 19.8 mm
O.D.1 64.2 mm
O.D.2 85.7 mm
L.G.C-C 127.0 mm
H. 76.2 mm
L.G. 157.1 mm
W.D. 93.6 mm



CAB MOUNT

34552

SUIT INTERNATIONAL PROSTAR
& CAT TRUCKS

OEM# 3595976C5, 3595976C4
433-2272, 4332272

I.D. 15.8 mm
O.D. 73.0 mm
L.G. 83.3 mm



TORSION BAR BUSH

11739

SUIT INTERNATIONAL, CHALMERS TRUCK 800
& CHALMERS TRAILER 700 & 1000

OEM# 1515966C1, 800010, 800010CS1
22128, 22128CS1, 10QK399

I.D. 68.8 mm
O.D.1 88.9 mm
O.D.2 107.9 mm
L.G. 105.5 mm
LONGER LIFE ONE-PIECE DESIGN



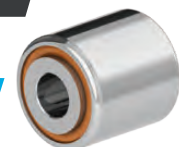
TORQUE ROD BUSH

13514

SUIT INTERNATIONAL SUSPENSION

OEM# 45477, 322069C1, 322069C91

I.D. 28.6 mm
O.D. 76.2 mm
L.G. 82.5 mm



TORQUE ROD BUSH

13515

SUIT INTERNATIONAL SUSPENSION

OEM# 476991, 47699-001, 73073-1
438506C1, 438506C91

B.H. 13/16"
O.D. 76.2 mm
L.G.C-C 144.5 mm



TORQUE ROD BUSH

13516

SUIT INTERNATIONAL SUSPENSION

OEM# 46736, 64400-010
1693070C1

I.D. 28.6 mm
O.D. 69.8 mm
L.G. 82.5 mm



UNIVERSAL STYLE STRAP BATTERY BOX LATCH

10024

OEM#

L.G. 150 mm



HOOD LATCH ASSEMBLY

10506

SUIT INTERNATIONAL S LINE
& 4900, 7100, 8300, 8600

OEM# 499523C3, 16899930C91

L.G. 203.2 mm

O.E IS STRAP ONLY



HOOD LATCH KIT

34590

SUIT INTERNATIONAL PROSTAR
& CAT TRUCKS

OEM# 3544924C1, 3544925C2

L.G. 318.2 mm
W.D. 60.3 mm
KIT INCLUDES 1x **34548** STRAP 1x **34549** LATCH

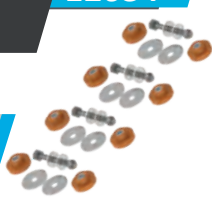


TRANSMISSION MOUNT KIT 12034

SUIT MACK TRANSMISSION

OEM# 2045X216

KIT INCLUDES
8x **12000** TRANSMISSION MOUNTS
4x 3/4" x 6-1/4" BOLTS
8x NUTS & WASHERS

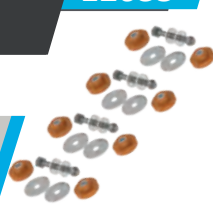


TRANSMISSION MOUNT KIT 12035

SUIT MACK WITH EATON FULLER
& ALLISON TRANSMISSION

OEM# 2045X389

KIT INCLUDES
8x **12000** TRANSMISSION MOUNTS
4x 3/4" x 5" BOLTS
8x NUTS & WASHERS



TRANSMISSION MOUNT 12000

SUIT MACK

OEM# 20QL1118A, 20QL1175, 25167342

I.D. 19.0 mm
O.D.1 50.8 mm
O.D.2 82.5 mm
L.G. 37.3 mm



MOTOR MOUNT KIT 12002

SUIT MACK

OEM# 20QL2110, 20QL258

I.D. 23.0 mm 1x UPPER MOUNT
O.D. 88.9 mm 1x LOWER MOUNT



REAR MOTOR MOUNT 12023

SUIT MACK

OEM# 20QK324M, 20QL324M

I.D. 22.2 mm
O.D.1 58.7 mm
O.D.2 98.8 mm



REAR MOTOR MOUNT 12372

SUIT MACK CH & GRANITE

OEM# 20QL338M

B.H. 3/4" UNF
W.D. 88.9 mm
L.G.C-C 265.1 mm

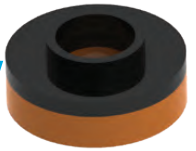


FRONT MOTOR MOUNT 12046

SUIT MACK

OEM# 20QL312M2, 25164179
20QL313M, **12047**

I.D. 17.4 mm
O.D.1 36.5 mm
O.D.2 68.2 mm
L.G. 29.3 mm



FRONT MOTOR MOUNT KIT 12045

SUIT MACK CH

OEM# 20QL322, 20QL329, 25164809
25172757

I.D. 15.8 mm 1x UPPER MOUNT
W.D. 76.2 mm 1x LOWER MOUNT
L.G. 170.6 mm
L.G.C-C 95.25 mm



FRONT MOTOR MOUNT 12326

SUIT VOLVO F7, F10, FH10, FH12
FH16, FM10, FM12

OEM# 1622825, 20503551, 20503550

W.D. 158.7 mm
H. 110.3 mm
L.G. 158.7 mm
L.G.C-C 210.3 mm



AIR COOLER MOUNT KIT 12049

SUIT MACK

OEM# 20QL37P3, PAI-4678

I.D. 9.5 mm 1x UPPER MOUNT
O.D. 32.5 mm 1x LOWER MOUNT
H. 26.9 mm



RADIATOR MOUNT KIT 12026

SUIT MACK

OEM# 25121334, 20QL295M
14003030, 14003052

I.D. 15.8 mm 1x UPPER MOUNT
O.D. 63.5 mm 1x LOWER MOUNT
H. 63.5 mm



RADIATOR MOUNT KIT 12032

SUIT MACK

OEM# 25154049, 20QL259A

I.D. 14.2 mm 1x UPPER MOUNT
O.D. 47.6 mm 1x LOWER MOUNT
H. 46.0 mm

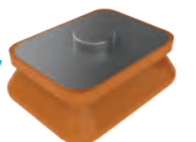


LOAD SPRING - UPPER 12006

SUIT CAMELBACK SS34, SS38, SS44

OEM# 10QK1065A, 10QK365A
25121508

W.D. 110.3 mm
L.G. 166.6 mm
H. 60.3 mm



LOAD SPRING - UPPER 12010

SUIT CAMELBACK SS34, SS38, SS44

OEM# 10QL370, 25115012, 25192117

W.D. 131.7 mm
L.G. 165.1 mm
H. 76.2 mm



LOAD SPRING - LOWER 12014

SUIT CAMELBACK SS34, SS38, SS44

OEM# 10QK36B, 10QK36C, 10QK386B
10QK388, 21036254, 25125064

W.D. 177.8 mm
L.G. 181.7 mm
H. 96.0 mm

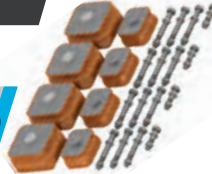


LOAD SPRING KIT 12036

SUIT CAMELBACK SS34, SS38, SS44

OEM#

KIT INCLUDES
1x HARDWARE KIT (BOLTS, NUTS, WASHERS)
4x **12006** UPPER MOUNTS
4x **12014** LOWER MOUNTS



LOAD SPRING KIT 12039

SUIT CAMELBACK SS34, SS38, SS44

OEM#

KIT INCLUDES
1x HARDWARE KIT (BOLTS, NUTS, WASHERS)
4x **12010** UPPER MOUNTS
4x **12014** LOWER MOUNTS



TRUNNION BUSH 12015

SUIT CAMELBACK SS34, SS38, SS44

OEM# 10QK276, 10QK219P2
25154319, 25161976, **12037**

I.D. 87.3 mm
O.D. 119.0 mm
L.G. 159.5 mm



BOLSTER SPRING 12333

SUIT VOLVO T-RIDE

OEM# 1089501, 1577873, 1609657, 1629553
20390836, 20536818, 3090971, 8151413

W.D. 149.2 mm
H. 150.0 mm
L.G. 209.5 mm
L.G.C-C 160.4 mm



CAB / HOOD MOUNT KIT 12004

SUIT MACK

OEM# 20QL2101

I.D. 15.8 mm 1x UPPER MOUNT
O.D.1 34.9 mm 1x LOWER MOUNT
O.D.2 66.6 mm
L.G. 38.1 mm



HOOD GUIDE 11545

SUIT MACK

OEM# 25QM31, 25160970

T.H. 1/2" UNC
O.D.1 38.1 mm
O.D.2 80.9 mm
L.G. 98.4 mm

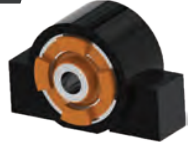


CAB MOUNT ASSEMBLY 12052

SUIT MACK

OEM# 30QS3479AM, 30QS4525M
20975430

I.D. 20.5 mm 20MM BOLT HOLE
O.D. 77.7 mm



CAB MOUNT ASSEMBLY 12084

SUIT MACK

OEM# 30QS4557AM, 2009147

I.D. 17.4 mm 17MM BOLT HOLE
O.D. 79.3 mm



HOOD LATCH 11768

SUIT MACK

OEM# 3QM313M, 3QM313M2, 25159428

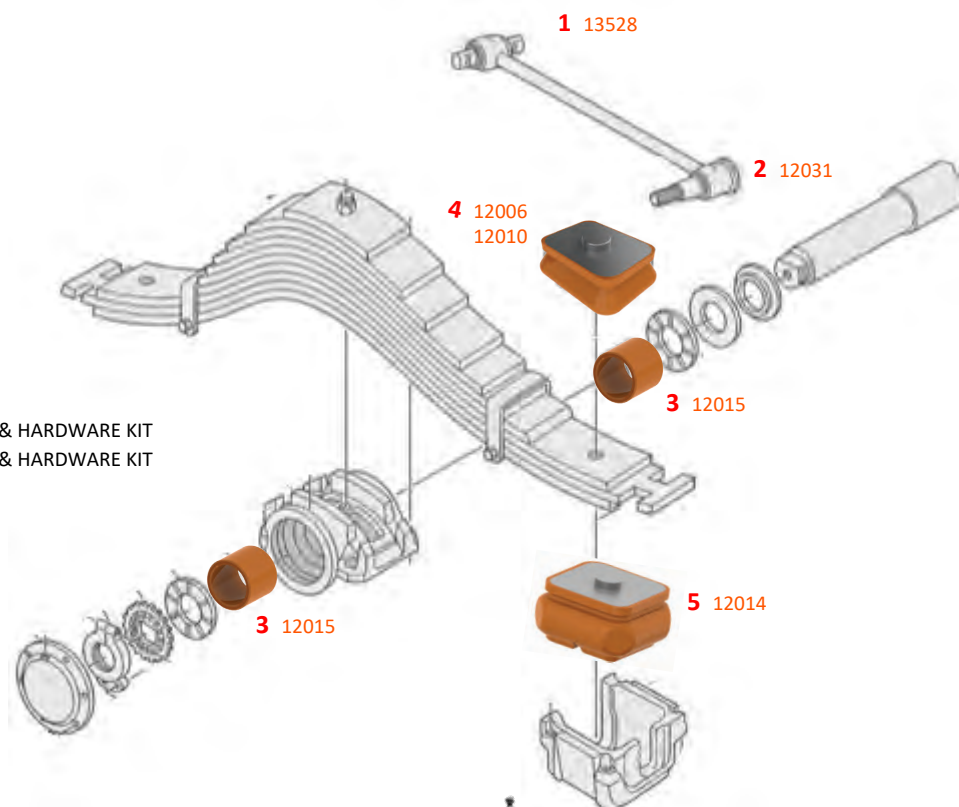
L.G. 273.0 mm



MACK CAMELBACK SS34, SS38, SS44 SUSPENSION

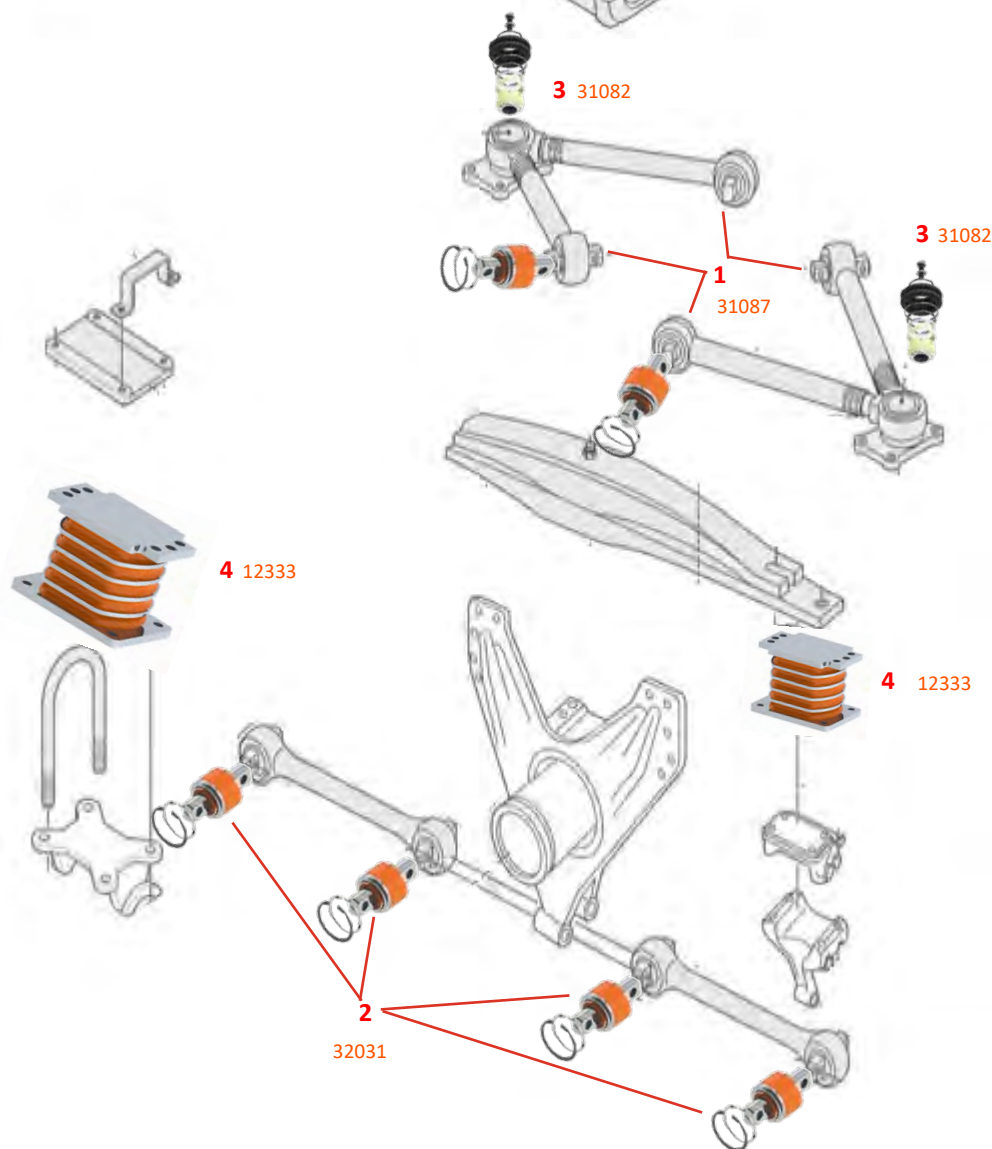
1. TORQUE ROD BUSH **13528** STANDARD OEM DESIGN
INSTALL & REMOVAL TOOL IS **18551**
2. TORQUE ROD BUSH **12031** TAPERED BUSH DESIGN
INSTALL & REMOVAL TOOL IS **13584**
3. TRUNNION BUSH **12015** STANDARD OEM DESIGN
4. UPPER LOAD SPRING **12004** IS 60MM TALL
UPPER LOAD SPRING **12010** IS 76MM TALL
5. LOWER LOAD SPRING **12014** STANDARD

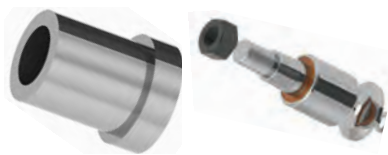
LOAD SPRING KIT **12036** CONTAINS 4x **12004**, 4x **12014** & HARDWARE KIT
LOAD SPRING KIT **12039** CONTAINS 4x **12010**, 4x **12014** & HARDWARE KIT



VOLVO T-RIDE SUSPENSION

1. TORQUE ROD BUSH **31087** OEM DESIGN
2. TORQUE ROD BUSH **32031** OEM DESIGN
3. V-STAY REPAIR KIT **31082**
4. BOLSTER SPRING **12333**

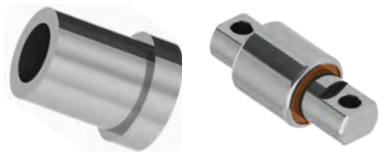




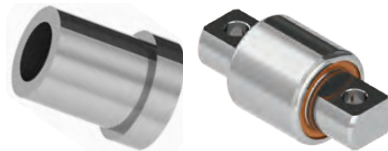
13584
TORQUE ROD BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
12031, 13518 & 13533



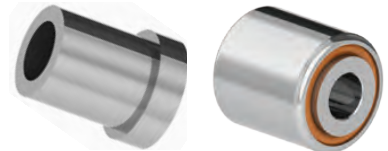
18551
TORQUE ROD BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
11729, 13520, 13528, 13536, 13685, 14537 & 83520



18552
TORQUE ROD BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
11714 & 13618



18553
TORQUE ROD BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
13522 & 83522



13585
TORQUE ROD BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
13514 & 13515



13595
BEAM END BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
13553, 13596, 83596 & 13607



11069
SPRING PIN BUSH INSERT TOOL
INSTALL & REMOVAL TOOL SUIT
11005 & 11083



11161
SPRING PIN BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
11005 & 11083



13581
PIVOT BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
13510, 13565, 13583, 13600, 13628 & 13744



13623
PIVOT BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
13594 & 13736



13800
PIVOT BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
13817 & 18821



13622
PIVOT BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
13599, 13617, 13752, 13762, 13771 & 13772



40090
SPRING PIN BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
11060, 11063, 11753, 11757, 11758, 11767, 11802 & 11820



11168
SPRING PIN BUSH TOOL
INSTALL & REMOVAL TOOL SUIT
11066, 11094 & 31134



11175
MOTOR MOUNT TOOL
INSTALL & REMOVAL TOOL SUIT
11149



H11184
MOTOR MOUNT TOOL
INSTALL & REMOVAL TOOL SUIT
11179

Helping Industry Become; More Safe, More Productive, More Sustainable



50 Times More Powerful Than Ordinary Lubricants

REDUCE FUEL CONSUMPTION

INCREASE PERFORMANCE

EXTEND OIL CHANGES

REDUCE DOWNTIME



Pro-One Solutions for Australia

INDUSTRY: Engineered Timber Product

APPLICATION: Triplex chain drive

PRODUCT: XPL-101 Penetrating Lubricant

OVERVIEW:

If chain was not lubricated, motor would trip out bringing production to a halt and 1 hour of lost time in recovery.

PROBLEM:

Chain lube used previously needed to be re-applied every 2 days. If the lubrication was not applied (resulting in high rates of friction) the current draw on the drive motors would exceed safety limits. This caused the motor to cut out and production to stop



Pro-One Solution:

- XPL-101 Pro-One Penetrating Lubricant applied to chain – application volume reduced by 80% (less product used with better outcomes)
- Reduction in friction resulting from the use of a superior lubricant ensured drive motors were not overloaded avoiding costly failures.
- Motor current draw was originally running at 14 Amps now reduced to just 7 Amps after XPL-101 applied.

Savings Breakdown:

- Lubricant application cycle down from 7 times per fortnight to only 1 = \$50 every 2 days saving = \$350 savings over a 2-week period or \$8,400 a year. (48 production weeks)
- No more interruptions on the production line with elimination of lubrication related lost time.
- Motors running within safe tolerance and more efficiently (less repairs needed / less power consumption).
- Maintenance staff have more time to focus on other areas of the plant.

Pro-One savings \$8,400 per year*

(*Increased chain life, power savings, less maintenance and improved output not included)

XPL-101

Without XPL+
@ 4,000psi

With XPL+
@ 200,000psi



50 TIMES MORE POWERFUL



XPL+ VS ORDINARY LUBRICANTS

Typical lubricants tend to migrate away from heat sources but XPL+ has a positively charged molecule structure with a strong ionic (+) charge which allows it to bond to metal even under extreme heat & pressure, giving lubricants formulated with XPL+ unprecedented film strength & extreme pressure protection.

TYPICAL SPRAY LUBRICANT



CHARGE	-	+
BONDING OR FLOWING	FLOWING	BONDING
REACTION TO HEAT & PRESSURE	MIGRATES AWAY	MIGRATES TOWARDS
FILM STRENGTH	LIMITED	EXTRAORDINARY
ENVIROMENTALLY FRIENDLY	NO	YES

XPL-101

PENETRATING LUBRICANT

FOR USE IN:

- Air Tools
- Bolts
- Bushings
- Chains
- Cables
- Electrical Terminals
- Hand Tools
- Hinges
- Ignition Wires
- Levers
- Linkages
- Locks
- Nuts
- Pulleys
- Kitchen Tools
- Wheels
- Bearings
- Fasteners
- Casters
- Knobs
- Pistons
- Gears
- Valve Train
- Oil Pump
- Latches
- Conveyors
- Drill Bits
- O-Rings
- Fishing Reels
- Springs
- Firearms
- Stamping Tools
- Rollers
- Sliding Doors
- Lock Tumblers
- Mold Release
- Pivot Joints
- Rusted Parts
- Spark Plugs
- Garage doors
- Screw Jacks
- EGR Valves



12oz

4oz



WATCH THE LIVE
DEMONSTRATION



DOES NOT CONTAINS SOLIDS OR HARMFUL
SOLVENTS LIKE CHLORINE



THE MOST POWERFUL SPRAY LUBRICANT ON THE MARKET

No other penetrating lubricant offers **XPL+® lubrication technology** which protects metal surfaces from heat, friction, moisture and the elements, and easily loosens rusted or sticky mechanisms. We guarantee that once you use this powerful **environmentally friendly** formula you will never settle for anything else.

BENEFITS:

- 50 times more film strength than typical spray lubricants
- Penetrates and bonds to metal
- Reduces friction and heat
- Stops squeaks and reduces noise
- Protectant for air tools
- Frees sticky, corroded rusted parts
- Gun lubricant & cleaner
- Protects metal from rusting
- Displaces water & moisture
- Low VOC
- Non-toxic, environmentally friendly
- Does not contain CFC's



APPROVED BY FORD - TOX# 186095

Part Number	Size	Part Number	Size
P1-40012	326g	P1-40005	18.9L
P1-40001	3.78L	P1-40055	208L

Pro-One Solutions for Australia

INDUSTRY: TRANSPORT

APPLICATION: Truck #1 DAF XF105 2019

854,639 odometer with PACCAR MX13

Truck #2 Western Star 4800 2018

997,499 odometer with Detroit DD15

PRODUCT: Fuel Maximizer (Liquid)

OVERVIEW:

Fuel & AdBlue prices unstable & shooting up overnight causing cost of freight to increase, AdBlue also in short supply (at the time of trial).



Pro-One Solution:

- Fuel Maximizer will improve fuel economy & performance, reduces ash formation & exhaust emissions will adding lubricity to diesel fuels while cleaning fuel system & injectors.
- Customer runs same drivers, with same load & same route every week making it a perfect trial.
- Fuel usage data collected for the 2 weeks before and during the 2 week Fuel Max trial.
- Average Diesel price (at time of trial) was \$2.20 per Litre
Average AdBlue price (at time of trial) was \$1.99 per Litre
Fuel Max price based RRP of P1-32001 3.78L

Data Breakdown:

- Combined distance traveled before Fuel Max trial 25,476kms, distance traveled during trial 26,534. Additional 1,058kms traveled during trial.
- Combined Diesel/AdBlue usage before trial 14,877L Diesel & 358L AdBlue, Usage during trial 12,427L Diesel & 346L Adblue.

Savings:

- Additional 1,058kms traveled. Saving of 2,450L of Diesel & 12L of AdBlue which is a bottom line saving of \$5,413.88.
- Combined bottom line saving of \$0.22 per km including Fuel, AdBlue & Pro-One Fuel Maximizer costs.

Saving of \$5,413.88 or \$0.22 per KM

Less active DPF Regens (DD15), Less AdBlue (MX13), less emissions & less downtime with costly repairs.

INJECTOR SPRAY & CLEANLINESS TEST

Common injector malfunction is caused by carbon build-up, contaminated fuel and lack of lubrication.



Without Fuel Maximizer



With Fuel Maximizer

Pro-One fuel maximizer helps safely remove existing carbon build-up, allowing injectors to operate efficiently.

PRO-ONE FUEL MAXIMIZER

ADVANCED FUEL
CONDITIONING CATALYST



CARBON & SOOT - EGR VALVE RESULTS

Incomplete combustion results in carbon & soot build-up which will:

- Contaminate your oil, clog oil & fuel filters
- Increase oil viscosity & create sludge
- Cause detrimental wear & rob your engine of fuel economy and performance.



Without Fuel Maximizer



With Fuel Maximizer



FUEL MAXIMIZER

ADVANCED FUEL CONDITIONING CATALYST

BOTTOM LINE BENEFITS:

- Improves engine performance
- Improvement in fuel economy
- Virtually eliminates opacity
- Conditions fuel during storage
- Reduces ash formation
- Adds lubricity to diesel fuels
- Prevents carbon buildup
- Improves engine start-ups
- Increases BTU's
- Cleans fuel system and injectors
- No mixing - blends instantly
- Addresses water contamination

(Liquid Fuel Max Only)



TABLET TREATMENT RATIO

- 5 Small Tablet - Pack (Automotive)
- 1 Small Tablet per 57L of Fuel
- 4 Large Tablet - Pack (Industrial)
- 1 Large Tablet per 189L of Fuel

LIQUID TREATMENT RATIO

- 1:4000 or 1 ml per 4 Litres
- 25 ml per 100 Litres.
- Double dose first tank.
- Add at every fill up.

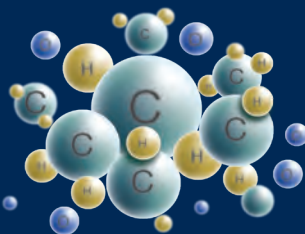


HOW IT WORKS DEMONSTRATION

BEFORE

Fuels chemical energy is stored in a Hydrocarbon.

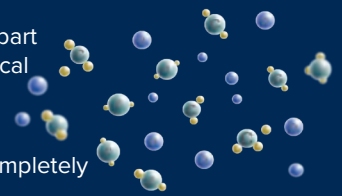
In this state Hydrocarbons do not burn completely resulting in carbon, soot, and harmful emissions.



AFTER

Fuel Maximizer is a catalyst that breaks apart large particulates, accelerating the chemical reaction of fuel thus liberating its chemical energy.

Makes Oxygen available to burn more completely thus producing a more efficient burn.



REDUCES EMISSIONS

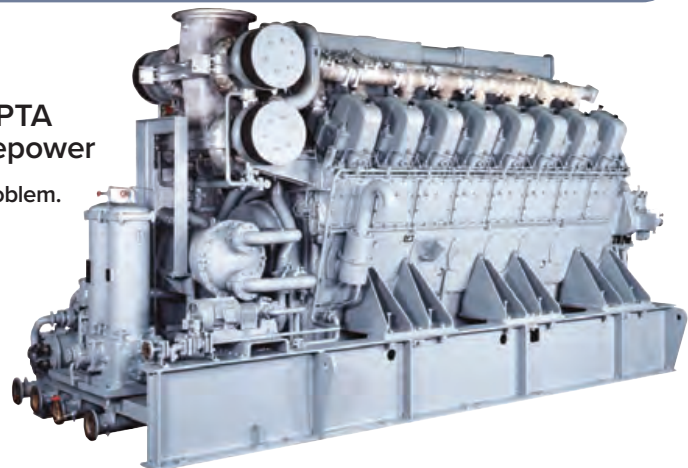
DIESEL ENGINE: Superior Model 2406D | Mitsubishi S6U-PTA
4-Stroke | 6-Cylinder | 4300 Cubic-Inch | 1,400 Brake-Horsepower

Run at full 85% load @ 1,200 r.p.m. to artificially create a particulate emissions problem.

RESULTS:

- CO emissions reduced by 10%
- HC emissions reduced by 9%
- Particulate carbon reduced by 26%
- Particulate emissions reduced by 43%
- No increase in NOx emissions

ProOne Fuel Maximizer offers a unique, cost-effective means to reduce diesel engine particulate emissions without aggravating NOx emissions or diminishing fuel economy.



Part Number	Size
P1-32015	5 tabs
P1-32050	4 tabs

Part Number	Size
P1-32010	295ml
P1-32001	3.78L

Pro-One Solutions for Australia

INDUSTRY: AUTOMOTIVE

APPLICATION: Ford Next Gen XLT Ranger

48,787km odometer Bi-Turbo 2L Diesel

OVERVIEW: Vehicle is fully loaded with an extra 600-700kg of tooling with Heavy Duty suspension upgrade on regional roads.

PROBLEM: Extra demand on Vehicle (Engine, Transmission, Driveline), increase in fuel consumption & wear on components, increase in dealer lead times to service vehicle (4-6 weeks).



Pro-One Solution:

- Wear metals detected in engine oil sample after 9,000kms & abnormal in differential sample. Next service 800ml of HDOS was added to engine & some HDOS added to differentials.
- Sampling to be performed, oil life monitor recored, oil temp gauge monitored, kms & fuel usage tracked.

Data Breakdown:

- Ford advises to service at below 20% oil life monitor or 15,000kms which ever comes first, capped service at \$379.00.
- Oil sample performed at 11,109kms with oil life monitor at 73%
- Oil sample performed at 26,756kms with oil life monitor at 36% before vehicle went in for service anyway.

Savings: (Fuel savings recorded are true bottom line saving, meaning it includes the cost of HDOS & Fuel Max already!)

- HDOS alone provided a fuel saving of \$0.02 per km or \$80.68 over the test period (5 filled fuel tanks)
- HDOS & Fuel Max provided a fuel saving of \$0.03 per km or \$129.33 over the test period (5 filled fuel tanks)
- Extended service life by double providing a saving of \$379.00 and gained a extra day of work.
- Pro-One HDOS is 10% by volume unlike other brands at 20% by volume, saving a further \$35.00.

OIL SAMPLE RESULTS

Severity	Severe	Normal	Normal
Problem Code	Wear	None	None
Fluid Manufacturer	Valvoline	Valvoline	Valvoline
Fluid Type	Synpower DT C2	Synpower DT C2	Synpower DT C2
Fluid Grade	SAE 0W30	SAE 0W30	SAE 0W30
Unit Age	8924	20033	35680
Component Age	8924	20033	35680
Fluid Age	8924	11109	26756
Filter Age	8924	11109	26756
Fluid Added			
Fluid Changed	Changed	Not Changed	Changed
Filter Changed	Changed	Not Changed	Changed
Sample Taken By			
Service Type	B Service	One-Off	B Service
Metals (ppm)			
Aluminium (Al)	86	5	7
Nickel (Ni)	3	1	1
Chromium (Cr)	3	1	2
Iron (Fe)	147	32	51
Copper (Cu)	17	5	8
Lead (Pb)	<1	<1	<1
Tin (Sn)	3	1	1

No Additives						
KMS		Conditions		Fuel		Cost
Odometer	Travelled	Urban	Highway	Economy	Litres	per km
5213	645	451	195	10.8	70	\$0.24
5868	655	310	345	9.9	69	\$0.23
6718	850	89	761	8.6	73	\$0.19
7435	717	360	357	9.9	71	\$0.22
8180	745	335	410	9.8	74	\$0.22
Totals	3612	1545	2068		357	
Average	722	309	414	9.8	71.40	\$0.22
With Pro-One HDOS only						
KMS		Conditions		Fuel		Cost
Odometer	Travelled	Urban	Highway	Economy	Litres	per km
17212	880	409	471	8.6	71	\$0.18
18043	831	581	250	9.1	72	\$0.19
18850	807	573	234	9.3	70	\$0.19
19615	765	524	241	9.8	72	\$0.21
20366	751	656	95	10.2	71	\$0.21
Totals	4034	2743	1291		356	
Average	807	549	258	9.4	71.20	\$0.20
Results	84	240	-155	0.4	\$80.68	\$0.02
	More Kms Per Tank	More Kms Urban	Less Kms H/Way	Better Economy	Saving Trial	per KM
With Pro-One HDOS & Fuel MAX						
KMS		Conditions		Fuel		Cost
Odometer	Travelled	Urban	Highway	Economy	Litres	per km
22128	910	519	391	8.7	70	\$0.18
22940	812	580	232	9.1	72	\$0.20
23802	862	449	413	8.9	72	\$0.19
24643	841	450	391	8.9	70	\$0.19
25529	886	418	468	8.6	71	\$0.18
Totals	4311	2416	1895		355	
Average	862	483	379	8.8	71.00	\$0.19
Results	140	174	-35	1.0	\$129.33	\$0.03
	More Kms Per Tank	More Kms Urban	Less Kms H/Way	Better Economy	Saving Trial	per KM



FOR DIESEL ENGINES OR OLDER GASOLINE ENGINES
DOES NOT CONTAINS SOLIDS OR HARMFUL SOLVENTS
LIKE CHLORINE

ADVANTAGES:

- Extreme pressure protection
- Slows oil burning & oil leaks
- Slows blow-by
- Provides start-up protection
- Helps restore compression
- Improves performance
- Easier starting at all temperatures
- Increases oil pressure
- Extends engine life
- Stops thermal breakdown
- Extends oil change intervals 25% to 50%

DIRECTIONS FOR USE:

- Diesel engines - 10% by volume
- Marine engines - 10% by volume
- Higher mileage engines - 15% by volume
- Badly worn engines - 20% by volume
- Wheel End / Hubs - 20% by volume
- Commercial/ Industrial - 10% by volume
- Motorcycle - 5% by volume
- Wet clutch - 5% by volume
- Manual transmissions (90W or higher)- 15% by volume
- Differentials & gear boxes (90W or higher) - 15% by volume

HEAVY DUTY OIL STABILIZER

IF IT SMOKES, LEAKS, OR NEEDS EXTRA PROTECTION, LOOK NO FURTHER

This **high performance heavy-duty formula** is designed to fortify your oil to provide extra protection and enhance the performance of your **engine or gearbox**.

It is formulated with **XPL+ Technology** which offers **50 times more film strength** protection other stabilizers can't provide.

It provides exceptional results in engines that are burning, leaking, or using oil.



COMPATIBLE WITH ALL CONVENTIONAL AND SYNTHETIC MOTOR OILS AS WELL AS GEAR OILS



WATCH THE LIVE DEMONSTRATION



Part Number	Size
P1-13032	946ml
P1-13001	3.78L

Part Number	Size
P1-13005	18.9L
P1-13055	208L

Pro-One Solutions for Australia

INDUSTRY: MINING

APPLICATION: Slurry Pump

PRODUCT: GOLD EP-2 Industrial Grease

OVERVIEW: Need to stop contamination getting into bearing barrel & increase service life of slurry pump.

PROBLEM: Previous grease & seal was allowing contamination into bearing barrel with a service life of 2,000 hours.



Pro-One Solution:

- Directive was to swap out bearing carrier seal and replace grease with Pro-One GOLD EP-2 Industrial Grease with broader temperature range & XPL+ Technology.
- Monitor bearing barrel temperature and inspect for contamination of grease after 2,000 hours.

Data Breakdown:

- Increase barrel service life from 2,000 hours to 4,000 hours without increasing component wear or failure rate.
- Decrease in bearing temperature by 3°C-5°C by switching to Pro-One EP-2 Industrial Grease.

Savings:

- Labour rate to service a Slurry Pump is between \$150 to \$250 per hour for a qualified service technician & takes 4 to 8 hours depending on machine make & size. Minimum \$600 to Maximum \$2,000 per service.
- Previous average service life of 2-3 months has now increased to 6 months. That's a saving of 2 services a year, valued between \$1,200 to \$4,000 per asset on labour alone (not including less component wear & replacement).

Saving of \$1,200 to \$4,000 per year per asset

Reduction in Operating Temperature, Extended Service Life & Less Downtime with Costly Repairs.

GOLD

EP-2 INDUSTRIAL GRADE GREASE

Without XPL+
@ 4,000psi



With XPL+
@ 200,000psi



THE MOST POWERFUL GREASE ON THE MARKET

XPL+ VS ORDINARY LUBRICANTS

Typical lubricants tend to migrate away from heat sources but XPL+ has a positively charged molecule structure with a strong ionic (+) charge which allows it to bond to metal even under extreme heat & pressure, giving lubricants formulated with XPL+ unprecedented film strength & extreme pressure protection.

**TYPICAL
EP-2-2
GREASE**



TEMPERATURE RANGE	-30°C to +130°C	-34°C to +324°C
CHARGE	-	+
BONDING OR FLOWING	FLOWING	BONDING
REACTION TO HEAT & PRESSURE	MIGRATES AWAY	MIGRATES TOWARDS
FILM STRENGTH	LIMITED	EXTRAORDINARY
ENVIROMENTALLY FRIENDLY	NO	YES



GOLD EP-2

INDUSTRIAL GRADE GREASE

EXTREME PRESSURE PERFORMANCE
FROM -30°F TO 615°F! (-34°C TO 324°C)

THE MOST POWERFUL GREASE ON THE MARKET

This **HEAVY DUTY, NLGI 2, ASTM Tested** grease delivers outstanding high impact/extreme load protection to help **extend equipment life/regreasing intervals**, optimize performance, and help save energy, even under the harshest conditions.

And with a calcium complex base, no harmful additives and nano-based EP agents, this premium grease is **environmentally friendly!**



WATCH THE LIVE
DEMONSTRATION



TYPICAL PROPERTIES

NLGI Grade	2
Color	Light Blue
Thickener	Calcium Complex
Operating temperature range	-30°F to 615°F (-34°C to 324°C)
Kinematic viscosity of base oils @40°C (ASTM 445)	210 cSt (1000 SUS)
Penetration @ 25°C (77°F) (ASTM D-217), mm/10	
Worked 60 strokes	265-295
Mechanical Stability (ASTM D-217) % change from P60	
P100,000 strokes	2.5%
P10,000 strokes with 50% H2O	<6.0%
Dropping Point (ASTM D-2265) °F (°C)	>300°C
Oil Separation (ASTM D-1742) -24 hours @ 25°C (77)	<.5%
Shell Roll Stability (ASTM D-1831)	<4.0%
Oxidation Stability (ASTM D-942) psi drop/500 hours	6.0lbs
Oxidation Bearing Life (ASTM D-3527)	200 hours
4-Ball Wear Test (ASTM D-2266)mm scar, 40kg, 1200 RPM, 75°F, 1H	0.39mm
4-Ball EP test (ASTM D-2596) LWI, kg	>75
Weld Load, kgf (ASTM D-2596)	620
Timken OK Load (ASTM D-2509) lbs/kg	60/27
Rust test (ASTM D-1743)	Pass
Copper Corrosion test (ASTM D-130)	Pass/lb
Salt Fog Spray (ASTM B-117) hours to failure	>1000 hours
Water Washout (ASTM D-1264) @ 80°C, % loss	1.42%
Wheel bearing leakage grams (ASTM D-1263)	
Modified @ 163°C (325°F)	0.4
Base Oil Characteristics	
Viscosity SUS @ 100°F	1100
Viscosity SUS @ 210°F	85
Pour Point, °F	+5
V.I. Min	95

ADVANTAGES:

- Extreme pressure protection
- Extreme temperature range
- Heavy load carrying capability
- Shock load resistant
- Shear stability
- Oxidation resistant
- Corrosion resistant
- Water resistant
- Reduces noise
- Reduces downtime
- Reduces power consumption
- Cling capability
- Seal compatibility

Part Number	Size
P1-46015	450g
P1-46040	18kg
P1-46400	181kg



GOLD EP-1

SYNTHETIC INDUSTRIAL GREASE

EXTREME PRESSURE PERFORMANCE FROM **-51°C TO 343°C!**
THE MOST POWERFUL GREASE ON THE MARKET

This **HEAVY DUTY, NGLI 1, ASTM Tested** and designed for extreme loads and temperatures in low and high speed bearings. It increases parts life, reduces downtime and delivers outstanding protection in the harshest extreme pressure, temperature and corrosive environments.

GREAT FOR HIGH RPM APPLICATIONS!



WATCH THE LIVE DEMONSTRATION



TYPICAL PROPERTIES

NLGI Grade	1
Color	Tan
Thickener	Calcium Complex
Operating temperature range	-60°F to 650°F
Kinematic viscosity of base oils @40°C (ASTM 445)	68 cSt (220 SUS)
Penetration @ 25°C (77°F) (ASTM D-217), mm/10	
Worked 60 strokes	310-340
Mechanical Stability (ASTM D-217) % change from P60	
P100,000 strokes	2.3%
P10,000 strokes with 50% H2O	<2.0%
Dropping Point (ASTM D-2265) °F (°C)	+
Shell Roll Stability (ASTM D-1831)	
Oxidation Stability (ASTM D-942)	psi drop/500 hours 6.0 lbs
Oxidation Bearing Life (ASTM D-3527)	200 hours
4-Ball Wear Test (ASTM D-2266)	
mm scar, 40kg, 1200 RPM, 75oF, 1hr	.42mm
4-Ball EP test (ASTM D-2596)	
LWI, kg	>75
Weld Load, kgf	620
Timken OK Load (ASTM D-2509) lbs/kg	60/2
Rust test (ASTM D 1743)	ass
Copper Corrosion test (ASTM D-130)	ass/1b
Salt Fog Spray (ASTM B-117) hours to failure	
Water Washout (ASTM D-1264) @ 80°C, % loss	
Base Oil Characteristics	
Viscosity SUS @ 100°F	220
Viscosity SUS @ 210°F	2.4
V.I. Mi	6

ADVANTAGES:

- Extreme pressure protection
- Extreme temperature range
- Heavy load carrying capability
- Shock load resistant
- Shear stability
- Oxidation resistant
- Corrosion resistant
- Water resistant
- Reduces noise
- Reduces downtime
- Reduces power consumption
- Cling capability
- Seal compatibility

Part Number	Size
P1-47040	18kg
P1-47400	181kg



HEAVY DUTY SYNTHETIC HUB OIL

Formulated with XPL+ Technology

Wheel ends are often neglected or filled with oil that doesn't meet the required specifications - leading to premature wear, overheating, and costly repairs. Pro-One Heavy Duty Hub Oil is engineered to change that.

This full synthetic, high-performance 75W90 GL-5 lubricant is specifically designed for truck and trailer applications with oil-lubricated hubs. It meets the most stringent industry standards, delivering exceptional protection under extreme conditions.

Performance Highlights:

- XPL+ Technology delivers 50x more film strength than conventional lubricants
- Minimizes oxidation sludge and varnish, keeping systems clean
- Dramatically reduces wear, scoring, and metal fatigue
- Helps hubs run cooler and more efficiently, reducing stress on components
- Built for durability, even under the harshest operating environments



BOTTOM LINE BENEFITS:

- Extends bearing life
- High film strength
- Designed for severe applications with high loads
- High RPM use
- Dramatically reduces friction, heat & wear.
- Thermal stability over wide temperature range
- Provides oxidation stability
- Rust & corrosion inhibitor
- Compatible with seals and gaskets
- Good foam resistance

PHYSICAL PROPERTIES:

Characteristic (SAE Grade)	
cSt @ 40°C (104°F)	101
cSt @ 100°C (212°F)	15.0
Viscosity Index (ASTM D-2270)	155
Flash Point, °C (ASTM D-92)	>194
Specific Gravity (ASTM D-1298)	0.88
Pour Point °C (ASTM D-2270)	-45

MEETS FOLLOWING OEM SPECIFICATIONS

API Service	ArvinMeritor	Ford	Mack GO-J
GL-5, MT-1	O76-D	WSP-M2C197-A MIL-PRF-2105E	SAE J2360

Part Number	Size
P1-25032	946ml



DOES NOT CONTAINS SOLIDS OR HARMFUL SOLVENTS LIKE CHLORINE

HYDRAULIC & STEERING TREATMENT

REDUCES HAMMERING, WATER & MOISTURE, EXTENDS EQUIPMENT LIFE

With advanced **XPL+®Technology**, ProOne Hydraulic Treatment bonds to metal and provides superior protection and performance to the hydraulic pumps, pistons and valves.

It keeps hydraulic systems running at peak efficiency, which means less heat, less down time and lower operating costs.



BOTTOM LINE BENEFITS:

- Reduces friction & operating temperatures
- Exceptional anti-wear technology
- Compatible with all AW/ISO hydraulic oils
- Displaces water & moisture
- Prevents oxidation & corrosion
- Helps extend component life
- Reduces power input
- Reduces noise levels
- Built in seal conditioner
- Reduces hose maintenance
- Optimum run times...less down time
- Reduces heavy line pulsing

REDUCES **ELECTROLYSIS** BY **94%**

#1 CAUSE OF METAL WEAR PROCESS



Electrolysis is the electrochemical process which causes gradual degradation (corrosion).

APPLICATIONS:

- Hydraulic Systems:
- Power Transmission Equipment
- Automatic Transmissions
- Power Steering Systems

DILUTION RATIOS:

- Hydraulic Systems: 10% by volume
- Wet bath Clutches, Brakes: 5% by volume
- Automatic Transmissions: 2% by volume
- Power Steering Systems: 10% by volume



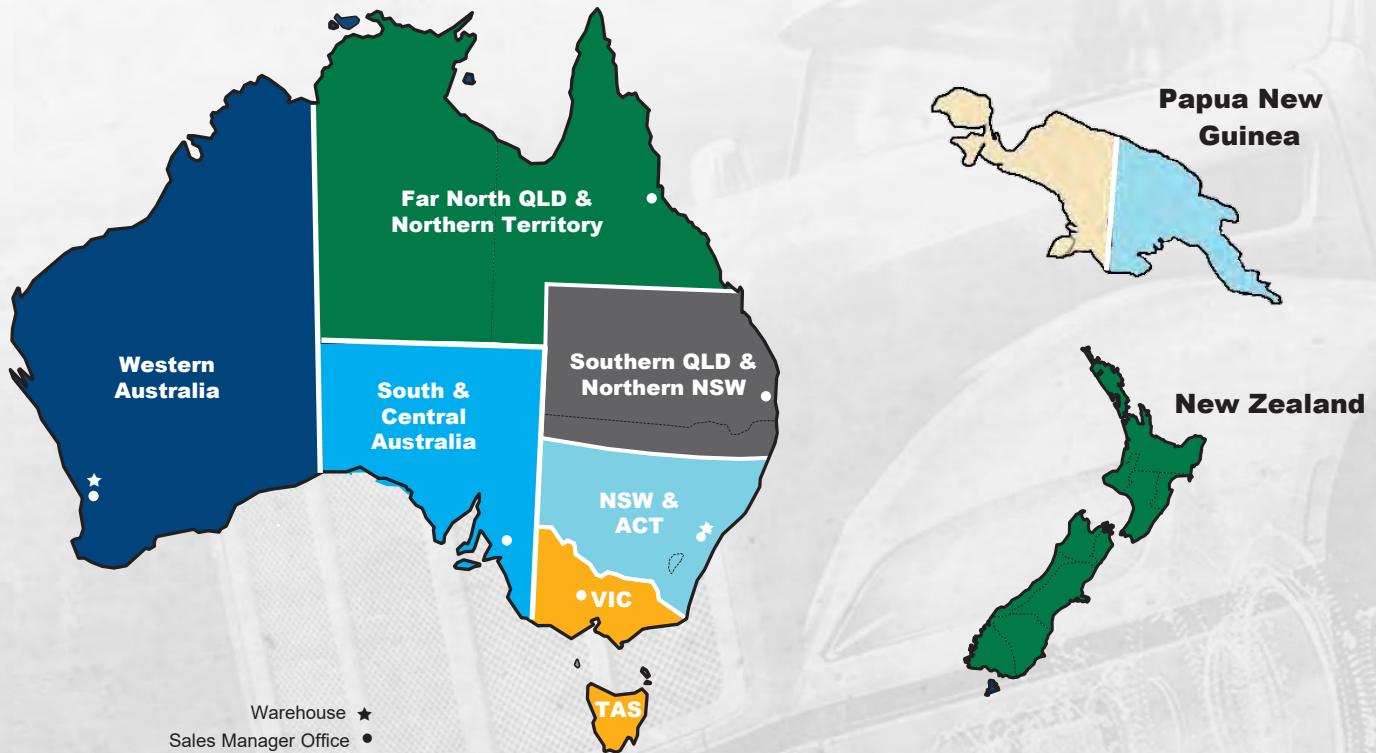
Part Number	Size
P1-22032	946ml
P1-22001	3.78L

Part Number	Size
P1-22005	18.9L

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