

PARTS LIST

PRIMAAX[®] EX / PRIMAAX[®] Rear Air Suspension for International Truck Vehicles

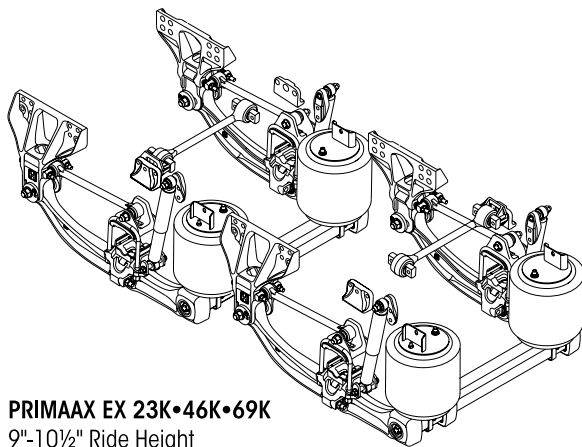
LIT NO: SP-233

DATE: December 2017

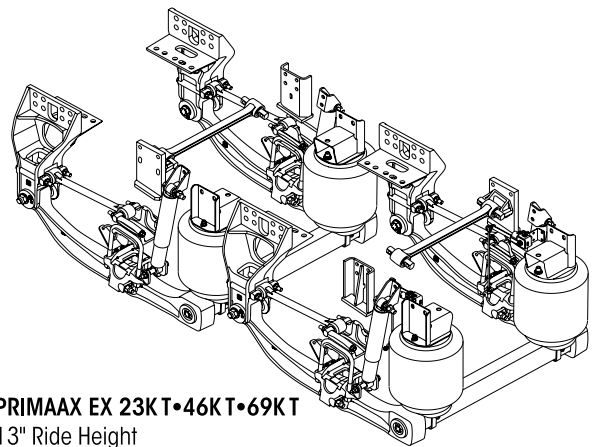
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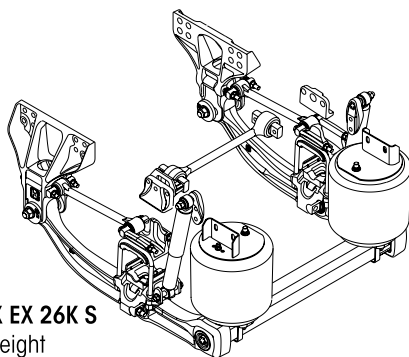
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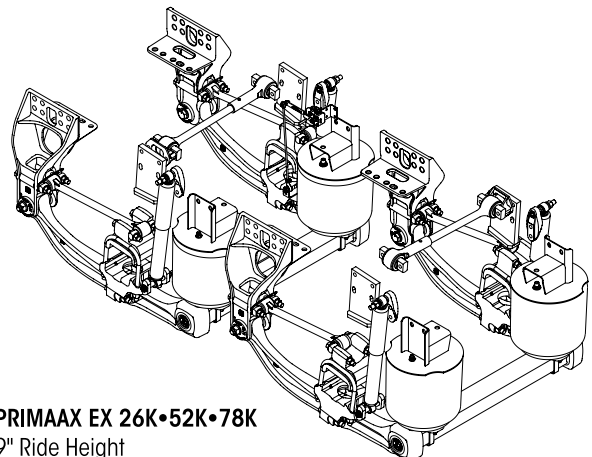
PRIMAAX EX 23K•46K•69K
9"-10½" Ride Height



PRIMAAX EX 23KT•46KT•69KT
13" Ride Height



PRIMAAX EX 26K S
9" Ride Height



PRIMAAX EX 26K•52K•78K
9" Ride Height



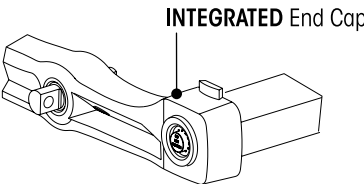
Technical Notes

The following information is intended to assist in determining which suspension is equipped on the vehicle. As an example, in Figure 1, the end cap / frame hanger helps identify whether the suspension is the current model PRIMAAX EX or the previous production model PRIMAAX. Figure 2 identifies the ride height.

FIGURE 1

PRIMAAX EX • PRIMAAX

PRIMAAX EX | Enhanced U-beam Assembly with Integrated End Cap



PRIMAAX | Support Beam with Detachable End Cap

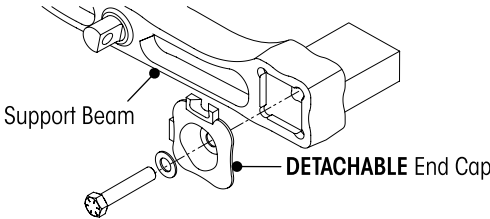
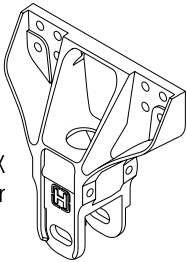


FIGURE 2

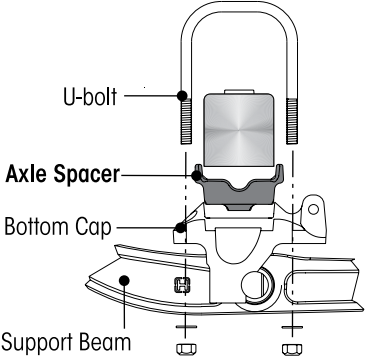
RIDE HEIGHT

9" Ride Height

PRIMAAX EX / PRIMAAX
Frame Hanger

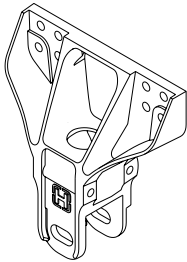


AND
Axle Spacer

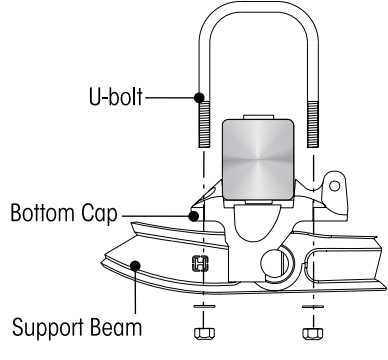


10½" Ride Height

PRIMAAX EX
Frame Hanger

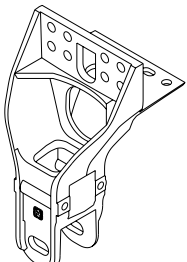


AND
No Axle Spacer

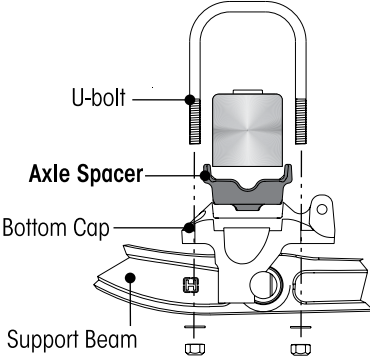


13" Ride Height

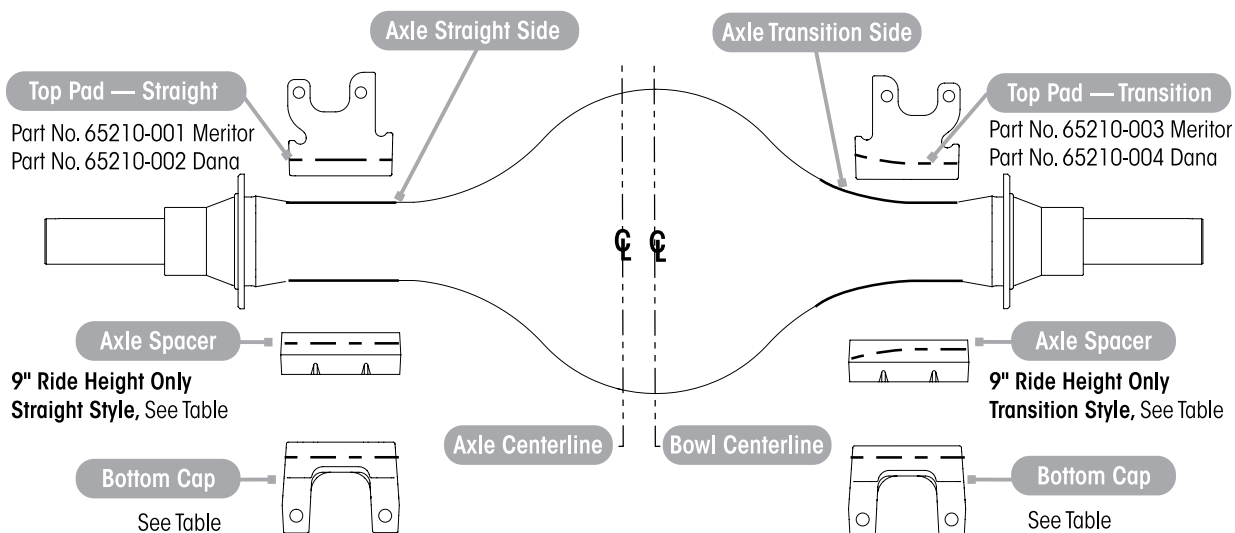
PRIMAAX EX
Frame Hanger



AND
Axle Spacer



Bottom Cap • Axle Spacer • Top Pad • Longitudinal Torque Rod



Page 10		PRIMAAX EX 26K • 52K • 78K							
Axle Manufacturer	Beam Centers	Bottom Cap Part Number				Axle Spacer Part Number			
		Straight Side		Transition Side		Straight Side		Transition Side	
		FRONT	REAR	FRONT	REAR	FRONT	REAR	FRONT	REAR
MERITOR	40.0"	65208-001	65208-003	See Axle Spacer		65276-000		65277-000	
	40.5"					—		67973-004	
DANA	40.0"	65208-002	65208-004			65274-000		65275-000	
	40.5"					—		67973-002	



Bottom Cap, Longitudinal Torque Rod and Top Pad Assembly

Page 6
Page 8
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PRIMAAX EX 23K • 46K • 69K | 26K S ■ 9", 10½" Ride Heights
PRIMAAX EX 23KT • 46KT • 69KT ■ 13" Ride Height
PRIMAAX 230 • 460 • 690 ■ 9" Ride Height

DRUM BRAKES					
Pinion Angle	Bottom Cap Part No.*	Thru Bolt Style		Bar Pin Style	
		Longitudinal Torque Rod**	Top Pad	Longitudinal Torque Rod	Top Pad
2.5	60556-025	67274-510 67274-515 67274-540	65290-001	62000-640N	65289-000 65289-008
3.0	60556-030			62000-645N	
3.5	60556-035			62035-475N	
5.5	60556-055			62039-440N	
10.0	60556-100			62040-475N	
10.5	60556-105			62040-490N	
11.0	60556-110			62043-430N	

Casting No. Location

Location of etched last 3 digits of Part No. 60556-XXX

Bottom View

Part Number 65289-000

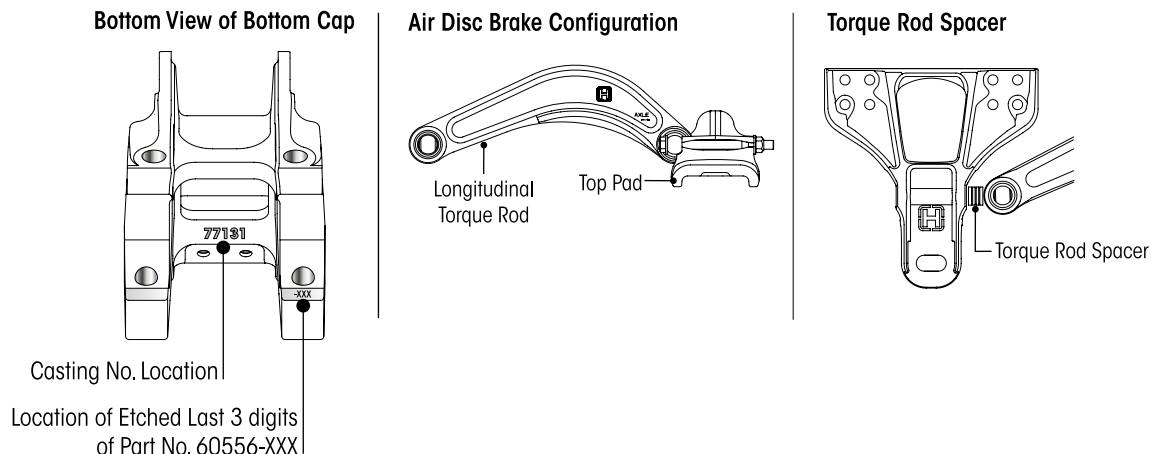
Part Number 65289-008

Top View

◆ For specific part numbers see last three (3) digits etched on the bottom of the bottom cap as shown in the illustration above.

◆◆ Non-serviceable torque rod bushings, requires replacement of complete torque rod assembly with bushings.

Bottom Cap, Longitudinal Torque Rod and Torque Rod Spacer



Page 6

PRIMAAX EX 23K • 46K • 69K | 26K S ■ 9" Ride Height

AIR DISC BRAKES							
Forward Rear			Rear Rear			Torque Rod Spacer	
Pinion Angle	Bottom Cap Part No.*	Longitudinal Torque Rod**	Pinion Angle	Bottom Cap Part No.*	Longitudinal Torque Rod**	Length in mm	Part No.
3.3	60556-025	67219-435	11.26	60556-100	67219-475	0	
3.86	60556-030		11.7	60556-105		0	
4.2	60556-035		12.15	60556-110		0	
4.36	60556-025		12.28	60556-100		6.35	67045-072
4.92	60556-030		12.73	60556-105		6.35	67045-072
5.26	60556-035		13.17	60556-110		6.35	67045-072
5.42	60556-025		13.29	60556-100		12.7	67045-071
5.97	60556-030		13.74	60556-105		12.7	67045-071
5.98	60556-055		13.96	60556-055		0	
6.32	60556-035		14.19	60556-110		12.7	67045-071
6.46	60556-025		14.3	60556-100		19.05	67045-070
7.02	60556-030					19.05	67045-070
7.04	60556-055					6.35	67045-072
7.36	60556-035					19.05	67045-070
7.5	60556-025					25.4	67045-069
8.05	60556-030					25.4	67045-069
8.09	60556-055					12.7	67045-071
8.4	60556-035					25.4	67045-069
9.13	60556-055					19.05	67045-070
10.17	60556-055					25.4	67045-069

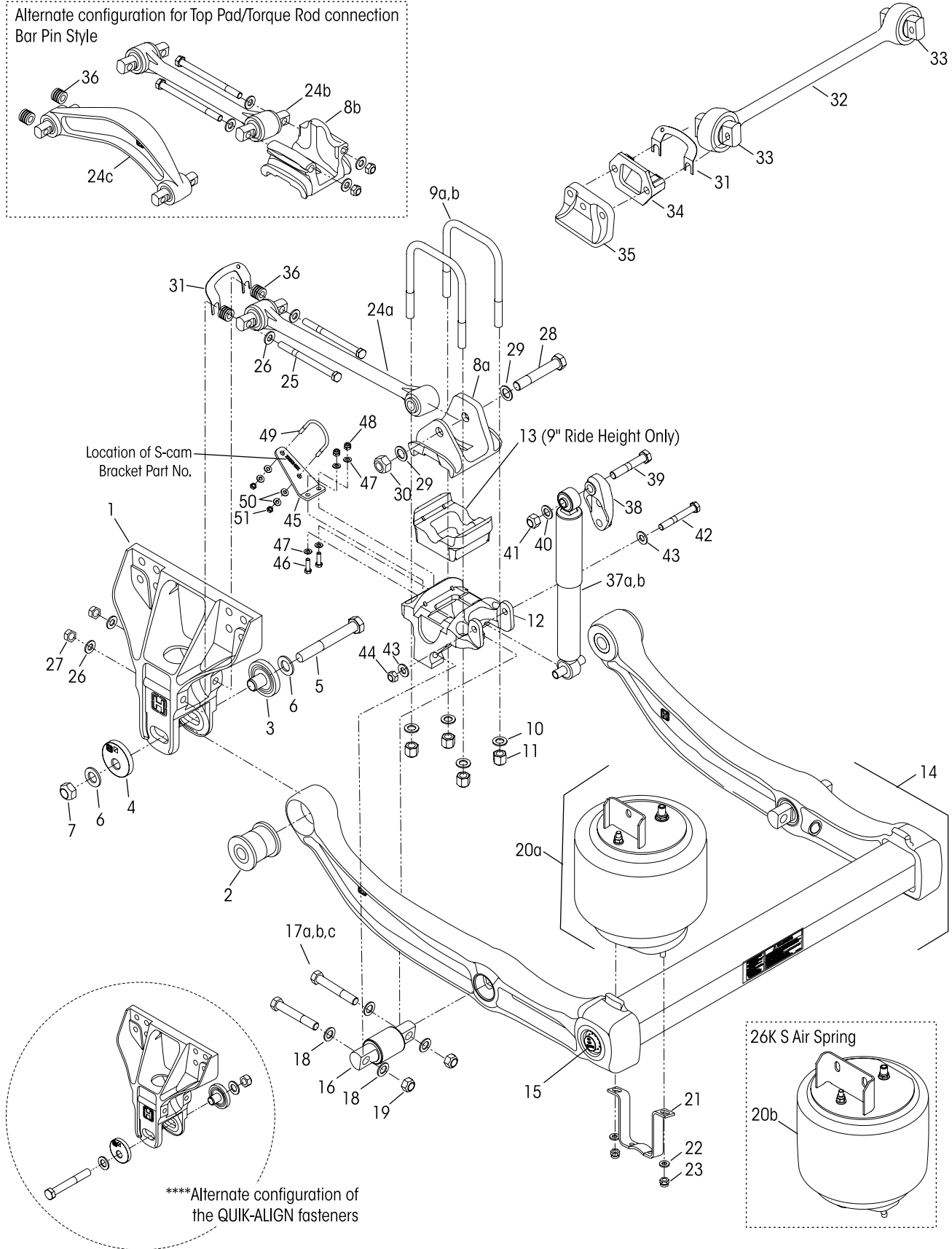
◆ For specific part numbers see last 3 digits etched on the bottom of the bottom cap as shown in the illustration above.

◆◆ Non-serviceable torque rod bushings, requires replacement of complete torque rod assembly with bushings.

PRIMAAX EX 23K•46K•69K - 9", 10½" Ride Height

PRIMAAX EX 26K S - 9" Ride Height - (S – designates Small Clamp Group)

Alternate configuration for Top Pad/Torque Rod connection
Bar Pin Style



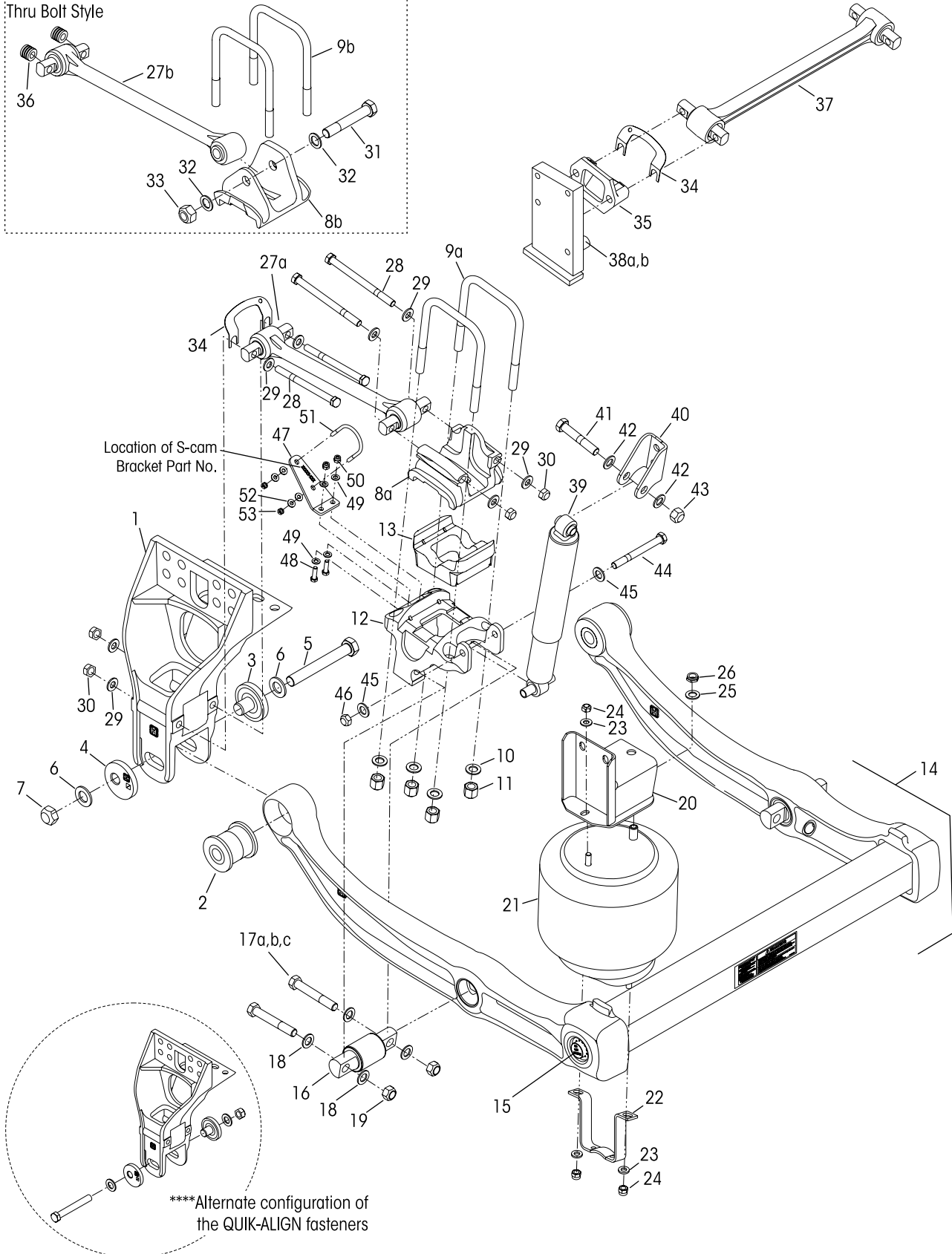


PRIMAAX® EX 23K•46K•69K•26K S for International Truck Vehicles

*VEHICLE				*VEHICLE			
KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1	67706-000	Frame Hanger	4	20		Air Spring Assembly with Upper Frame Bracket	4
		QUIK-ALIGN® Pivot Bushing Service Kits,		a	67234-002L	23K•46K•69K	
	60961-720	Includes Key Nos. 2-7, 52		b	68056-002L	26K S	
	60632-020	One Wheel End		21	60911-002	Lower Air Spring Mounting Bracket	4
		Axle Set			49177-006	Lower Air Spring Fastener Service Kit, Single,	
		QUIK-ALIGN Collar Service Kit, Includes Key Nos. 3-7				Includes Key Nos. 22-23	
	60632-019	One Wheel End, <i>Replaces 60632-006</i>		22		**½" Flat Washer	8
	60632-021	Axle Set		23		**½"-13 UNC Locknut	8
	60632-018	QUIK-ALIGN Fastener Service Kit, One Wheel End,		24		Longitudinal Torque Rod Assembly,	4
		Includes Key Nos. 5-7, <i>Replaces 60632-005</i>				<i>See Selection Guide on Page 4 and 5</i>	
2		**Pivot Bushing	4	a	67274-XXX	Thru Bolt Style	
3		**Concentric Collar	4	b	620XX-XXXN	Bar Pin Style	
4		**Eccentric Collar	4	c	67219-XXX	Air Disc Brake	
5		**1"-14 UNF-2A x 7½" H-Coat Hex Bolt	4			Single Longitudinal Torque Rod Fastener Kit	
6		**1" H-Coat Flat Washer	8		49176-026	Thru Bolt and Bar Pin Connection,	
7		**1"-14 UNF-2B H-Coat Locknut	4			Includes Key Nos. 25-30	
8		Top Pad, <i>See Selection Guide on Page 4</i>	4		58821-012	Rear Thru Bolt Connection Only, Includes	
a	65290-XXX	Thru Bolt Style				Key Nos. 28-30	
b	65289-XXX	Bar Pin Style, Air Disc Brake		25		**⅝"-11 UNC-2B x 8" Bolt	8
		U-bolt Service Kit, One Wheel End,		26		**⅝" Flat Washer	16
	48718-108	Includes Key Nos. 9a, 10-11		27		**⅝"-11 UNC-2A Locknut	8
	48718-125	Includes Key Nos. 9b, 10-11 (Thru Bolt Style)		28		**⅝"-14 UNF-2A x 5½" Hex Bolt	4
	48718-130	Includes Key Nos. 9c, 10-11 (Bar Pin Style)		29		**⅞" H-Coat Flat Washer	8
9		**¾" Square U-bolt		30		**⅞"-14 UNF-2B Locknut	4
a		8⅞" Length - 10½" Ride Height	8	31	49689-000L	Shim	As Req.
b		10⅜" Length - 9" Ride Height	8	32	72000-XXXS	***ULTRA ROD® PLUS™ Transverse Torque Rod	2
c		10⅜" Length - 9" Ride Height	8			Assembly, Includes Key No. 33, Specify	
10		**¾" Flat Washer	16			length in mm	
11		**¾"-16 UNF U-bolt Locknut	16	33	64400-002L	Bushing - Straddle Bar Pin (⅝" Holes)	4
12	60556-XXX	Bottom Cap - Front and Rear,	4	34	22186-000	Transverse Torque Rod Frame Bracket	2
		<i>See Selection Guide on Page 4 and 5</i>		35	60593-000L	Axle Stop, Frame Mounted	4
13	65139-003	Axle Spacer, 9" Ride Height Only	4	36	67045-XXX	Torque Rod Spacer,	
14		U-beam Assembly, Includes Key Nos. 2, 16	2			<i>See Selection Guide on Page 5</i>	
		• Front Frame Width		37a	60657-003L	Shock Absorber	4
	67249-012	34.3"		b	70807-001	Heavy-duty Shock Absorber, Optional	4
	67249-010	34.5"		c	60665-011	Shock Absorber - 26K S	2
	67249-024	34.8"		38	67463-002	Upper Shock Frame Bracket	4
		• Rear Frame Width			50754-030	Single Shock Fastener Service Kit,	
	67249-011	34.3"				Includes Key Nos. 39-44	
	67249-009	34.5"		39		**¾"-10 UNC x 4¼" Upper Shock Bolt	4
	67249-023	34.8"		40		**¾" Flat Washer	4
15	69565-001	U-beam Assembly Enhancement Aftermarket		41		**¾"-10 UNC Locknut	4
		Service Kit, Axle Set, <i>See Page 14 for contents</i>		42		**⅝"-11 UNC x 6" Lower Shock Bolt	4
		Single D-Pin Bushing Service Kit,		43		**⅝" Flat Washer	8
	34013-107	Includes Key Nos. 16, 17a, 18-19		44		**⅝"-11 UNC-2B Locknut	4
	34013-116	Includes Key Nos. 16, 17b, 18-19			NOTE	Key Nos. 45-51 are not required if equipped	
	34013-117	Includes Key Nos. 16, 17c, 18-19				with 24c and Air Disc Brake	
16		**D-Pin Bushing	4	45	64508-XXX	S-cam Support Bracket,	4
		D-Pin Fastener Service Kit, Axle Set,				<i>Locate part number on component</i>	
	56659-009	Includes Key Nos. 17a, 18-19			58821-017	S-cam Fastener Service Kit, Axle Set,	
	56659-013	Includes Key Nos. 17b, 18-19				Includes Key Nos. 46-51	
	56659-012	Includes Key Nos. 17c, 18-19		46		**⅝"-16 UNC x 1¼" Hex Bolt	8
17		**¾"-16 UNF Bolt	8	47		**⅝" Hardened Washer	16
a		5" Length		48		**⅝"-16 UNC Locknut	8
b		5½" Length		49		**⅝"-16 S-cam U-bolt	4
c		4¾" Length		50		**⅝"-16 Hardened Washer	16
18		**¾"-16 UNF Flat Washer	16	51		**⅝"-18 UNC Locknut	8
19		**¾"-16 UNF Locknut	8	52	70867-001	P-80 Lubricant - 10 ml (Not Shown)	per Bushing 1
		Single Air Spring Service Kit,					
	60961-664	Includes Key Nos. 20a-23					
	60961-665	Includes Key Nos. 20b-23					

23KT•46KT•69KT - 13" Ride Height (T – designates Tall Ride Height)

Alternate configuration for Top Pad/Torque Rod connection
Thru Bolt Style

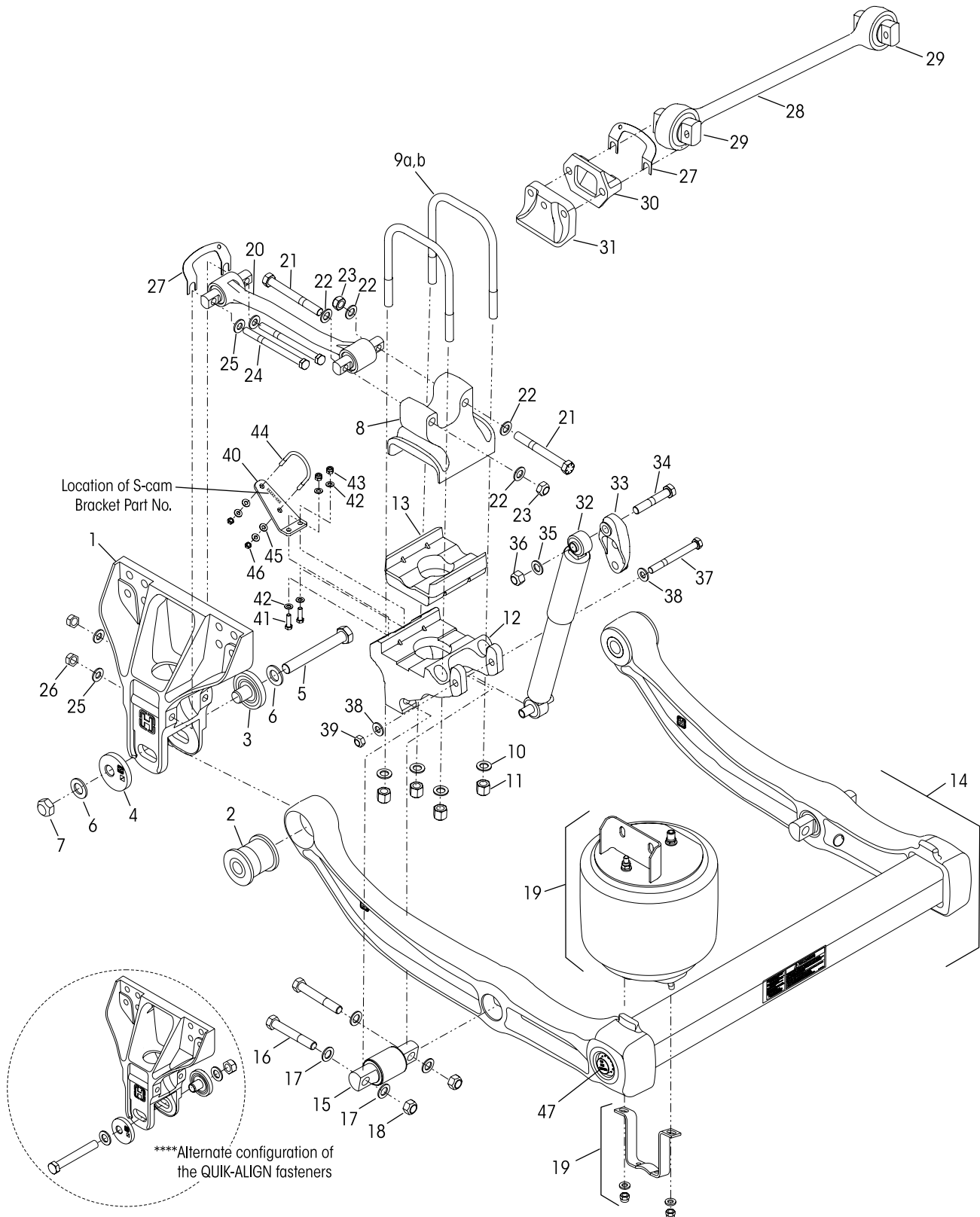




PRIMAAX® EX 23K•46K•69K for International Truck Vehicles

KEY NO.	PART NO.	DESCRIPTION	*VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	*VEHICLE QTY.
1		Frame Hanger			67923-002	Air Spring Assembly, Includes Key Nos. 20-21, 23-26	4
	67299-001	Left Hand	2	20	65031-001	Upper Air Spring Bracket Assembly	4
	67299-002	Right Hand	2		60961-724	Single Air Spring Service Kit, Includes Key Nos. 21-26	
		QUIK-ALIGN® Pivot Bushing Service Kit, Includes Key Nos. 2-7, 54		21	68070-002L	Air Spring	4
	60961-720	One Wheel End		22	60911-002	Lower Air Spring Mounting Bracket	4
	60632-020	Axle Set				Air Spring Fastener Service Kit, Single Lower, Includes Key Nos. 23-24	
	60632-019	QUIK-ALIGN Collar Service Kit, Includes Key Nos. 3-7 One Wheel End, <i>Replaces 60632-006</i>			49177-006	Upper/Lower, Includes Key Nos. 23-26	
	60632-021	Axle Set		23		**1/2" Flat Washer	12
	60632-018	QUIK-ALIGN Pivot Bolt Service Kit, One Wheel End, Includes Key Nos. 5-7, <i>Replaces 60632-005</i>		24		**1/2"-13 UNC Locknut	12
2		**Pivot Bushing	4	25		**3/4" Flat Washer	4
3		**Concentric Collar	4	26		**3/4"-16 UNF Locknut	4
4		**Eccentric Collar	4	27 a,b		Longitudinal Torque Rod Assembly, Includes Bushings. Specify length in mm, See <i>Selection Guide on Page 4 and 5</i>	4
5		**1"-14 UNF-2A x 7 1/2" H-Coat Hex Bolt	4			Single Longitudinal Torque Rod Fastener Kit Thru Bolt and Bar Pin Connection, Includes Key Nos. 28-33	
6		**1" H-Coat Flat Washer	8		49176-026	2-Bar Pin Connections, Includes Key Nos. 28-30	
7		**1"-14 UNF-2B H-Coat Locknut	4		49176-032	Rear Thru Bolt Connection Only, Includes Key Nos. 31-33	
8		Top Pad, <i>see Selection Guide on Page 4</i>	4		58821-012		
a	65289-XXX	Bar Pin Style		28		**5/8"-11 UNC-2B x 8" Bolt	16
b	65290-XXX	Thru Bolt Style		29		**5/8" Flat Washer	32
		U-bolt Service Kit, One Wheel End, Includes Key Nos. 9a, 10-11 (Bar Pin Style)		30		**5/8"-11 UNC-2A Locknut	16
	48718-130	Includes Key Nos. 9b, 10-11 (Thru Bolt Style)		31		**7/8"-14 UNF-2A x 5 1/2" Hex Bolt	4
	48718-125			32		**7/8" H-Coat Flat Washer	8
9		**3/4" Square U-bolt	8	33		**7/8"-14 UNF-2B Locknut	4
a		10 3/8" Length, Bar Pin Style		34	49689-000L	Shim	As Req.
b		10 3/8" Length, Thru Bolt Style		35	22186-000	Transverse Torque Rod Frame Bracket	2
10		**3/4" Flat Washer	16	36	67045-XXX	Torque Rod Spacer, <i>See Selection Guide on Page 5</i>	
11		**3/4"-16 UNF U-bolt Locknut	16	37	62011-XXXN	***Transverse Torque Rod Assembly, Includes Key No. 38, Specify length in mm	2
12	60556-XXX	Bottom Cap, <i>See Selection Guide on Page 4 and 5</i>	4	38		Axle Stop, Frame Mounted	4
13	65139-003	Axle Spacer (required)	4	a	65510-001	0° Axle Tower	
14		U-beam Assembly, Includes Key Nos. 2, 16	2	b	65510-002	20° Axle Tower	
		• Front Frame Width		39	60665-011	Shock Absorber	4
	67249-012	34.3"		40	59423-001	Upper Shock Frame Bracket	4
	67249-010	34.5"			50754-030	Single Shock Fastener Service Kit, Includes Key Nos. 41-46	
	67249-024	34.8"		41		**3/4"-10 UNC x 4 1/4" Upper Shock Bolt	4
	67249-011	34.3"		42		**3/4" Flat Washer	8
	67249-009	34.5"		43		**3/4"-10 UNC Locknut	4
	67249-023	34.8"		44		**5/8"-11 UNC x 6" Lower Shock Bolt	4
15	69565-001	U-beam Assembly Enhancement Aftermarket Service Kit, Axle Set, See Page 14 for contents		45		**5/8" Flat Washer	8
		Single D-Pin Bushing Service Kit, Includes Key Nos. 16, 17a, 18-19		46		**5/8"-11 UNC-2B Locknut	4
	34013-107	Includes Key Nos. 16, 17b, 18-19			NOTE	Key Nos. 47-53 are not required if equipped with 24c and Air Disc Brake	
	34013-116	Includes Key Nos. 16, 17c, 18-19		47	64508-XXX	S-cam Support Bracket, <i>Locate part number on component</i>	4
	34013-117				58821-017	S-cam Fastener Service Kit, Axle Set, Includes Key Nos. 48-53	
16		**D-Pin Bushing	4	48		**3/8"-16 UNC x 1 1/4" Hex Bolt	8
		D-Pin Fastener Service Kit, Axle Set, Includes Key Nos. 17a, 18-19		49		**3/8" Hardened Washer	16
	56659-009	Includes Key Nos. 17b, 18-19		50		**3/8"-16 UNC Locknut	8
	56659-013	Includes Key Nos. 17c, 18-19		51		**5/16" S-cam U-bolt	4
	56659-012			52		**5/16" Hardened Washer	16
17		**3/4"-16 UNF Bolt	8	53		**5/16"-18 UNC Locknut	8
a		5" Length		54	70867-001	P-80 Lubricant - 10 ml (Not Shown)	per Bushing 1
b		5 1/2" Length					
c		4 3/4" Length					
18		**3/4" Flat Washer	16				
19		**3/4"-16 UNF Locknut	8				

PRIMAAX EX 26K • 52K • 78K - 9" Ride Height

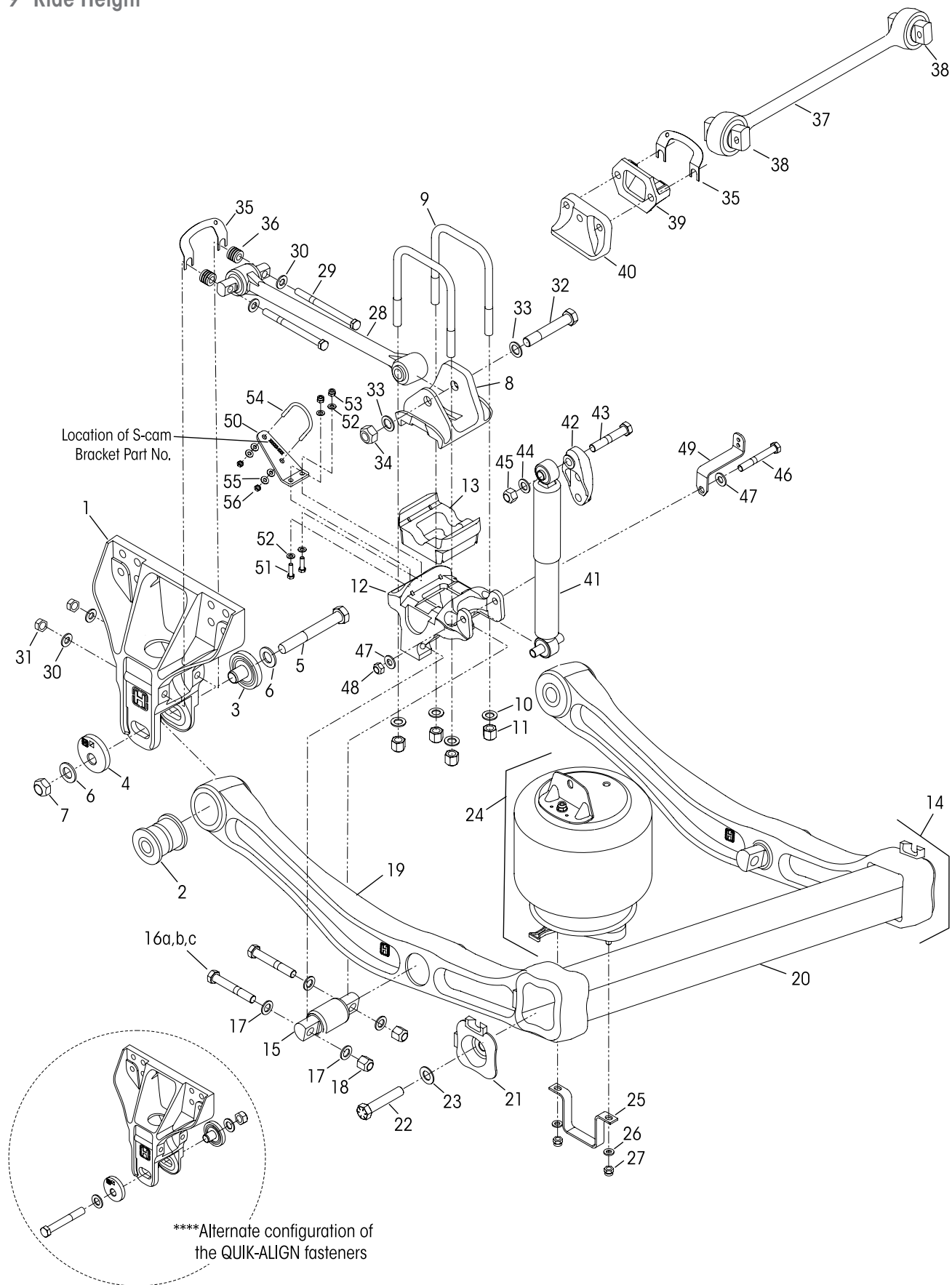




PRIMAAX® EX 26K•52K•78K for International Truck Vehicles

KEY NO.	PART NO.	DESCRIPTION	*VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	*VEHICLE QTY.
1	67706-000	EX Frame Hanger	4	20		Longitudinal Torque Rod Assembly, Specify Length in mm, Contact Hendrickson Truck Parts for specific part number	4
	60961-720	One Wheel End		65302-470A		Left Front	
	60632-020	Axle Set		65302-470B		Right Front	
		QUIK-ALIGN Collar Service Kit , Includes Key Nos. 3-7		65302-520A		Left Rear	
	60632-019	One Wheel End, <i>Replaces 60632-006</i>		65302-520B		Right Rear	
	60632-021	Axle Set		65302-530A		Left Rear	
	60632-018	QUIK-ALIGN Fastener Service Kit, One Wheel End , Includes Key Nos. 5-7, <i>Replaces 60632-005</i>		65302-530B		Right Rear	
2		*QUIK-ALIGN Pivot Bushing	4	49176-031		Longitudinal Torque Rod Fastener Service Kit , Axle Set, Includes Key Nos. 21-26	
3		*QUIK-ALIGN Concentric Collar	4	49176-032		Axle Set, Includes Key Nos. 24-26	
4		*QUIK-ALIGN Eccentric Collar	4	21		*3/4"-16 UNF x 6" Hex Bolt	8
5		*1"-14 UNF-2A x 7 1/2" H-Coat Hex Bolt	4	22		*3/4" Flat Washer	16
6		*1" H-Coat Flat Washer	8	23		*3/4"-16 UNF Locknut	8
7		*1"-14 UNF-2B H-Coat Locknut	4	24		*5/8"-11 UNC-2B x 8" Bolt	8
8		Top Pad, <i>See illustration on page 3</i>	4	25		*5/8" Flat Washer	16
	48718-118	U-bolt Service Kit, Axle Set , Includes Key Nos. 9a-9b, 10-11		26		*5/8"-11 UNC-2A Locknut	8
9		*3/4" Square U-bolt	8	27	49689-000L	Shim	As Req.
a		11 1/2", Outboard		28	72000-XXXS	**ULTRA ROD PLUS Transverse Torque Rod Assembly, Includes Bushings, Specify length in mm	2
b		12", Inboard		29	64400-002L	Bushing - Straddle Bar Pin - 5/8" Holes	4
10		*3/4" Flat Washer	16	30	22186-000	Transverse Torque Rod Frame Bracket	2
11		*3/4"-16 UNF U-bolt Locknut	16	31	60593-000L	Axle Stop, Frame Mounted	4
12		Bottom Cap - Front and Rear <i>See Selection Guide on page 3</i>	4	32	60665-013L	Shock Absorber	4
13		Axle Spacer - Front and Rear <i>See Selection Guide on page 3</i>	4	33	67463-002	Upper Shock Frame Bracket	4
14		U-beam Assembly, Includes Key Nos. 2, 15	2	50754-036		Shock Absorber Fastener Service Kit , One Wheel End, Includes Key Nos. 34-39	
		• Front		34		*3/4"-10 UNC x 4 1/2" Upper Shock Bolt	4
	67249-014	34.3" Frame Width		35		*3/4" Flat Washer	As Req.
	67249-016	34.5" Frame Width		36		*3/4"-10 UNC Locknut	4
	67249-026	34.8" Frame Width		37		*5/8"-11 UNC x 7" Lower Shock Bolt	4
		• Rear		38		*5/8" Flat Washer	8
	67249-013	34.3" Frame Width		39		*5/8"-11 UNC-2B Locknut	4
	67249-015	34.5" Frame Width		40	64508-XXX	S-cam Support Bracket, <i>Locate part number on component</i>	4
	67249-025	34.8" Frame Width		58821-017		S-cam Fastener Service Kit, Axle Set , Includes Key Nos. 41-46	
	34013-114	Single D-pin Bushing Service Kit , Includes Key Nos. 15-18		41		*3/8"-16 UNC x 1 1/4" Hex Bolt	8
15		*D-pin Bushing	4	42		*3/8" Hardened Washer	16
	56659-010	D-pin Fastener Service Kit, Axle Set , Includes Key Nos. 16-18		43		*3/8"-16 UNC Locknut	8
16		*7/8"-14 UNF x 5" Bolt	8	44		*5/16" S-Cam U-bolt	4
17		*7/8" Flat Washer	16	45		*5/16" Hardened Washer	16
18		*7/8"-14 UNF Locknut	8	46		*5/16"-18 UNC Locknut	8
19	68056-002	Air Spring Assembly with Upper Frame Bracket	4	47	69565-001	U-beam Assembly Enhancement Aftermarket Service Kit, Axle Set , <i>See page 14 for contents</i>	
				48	70867-001	P-80 Lubricant - 10 ml (Not Shown) per Bushing	1

9" Ride Height





			*VEHICLE				*VEHICLE
KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1	67706-000	Frame Hanger, <i>Replaces 65891-000</i>	4		60961-062	Single Air Spring Service Kit, Includes Key Nos. 24-27	
	60961-720	One Wheel End		24	60271-002L	Air Spring Assembly with Upper Frame Bracket	4
	60632-020	Axle Set		25	60911-002	Lower Air Spring Mounting Bracket	4
		QUIK-ALIGN® Pivot Bushing Service Kit, Includes Key Nos. 2-7, 57		49177-006	Lower Air Spring Fastener Service Kit, Single, Includes Key Nos. 26-27		
	60632-019	One Wheel End, <i>Replaces 60632-006</i>		26	**½" Flat Washer		8
	60632-021	Axle Set		27	**½"-13 UNC Locknut		8
	60632-018	QUIK-ALIGN Pivot Bolt Service Kit, One Wheel End, Includes Key Nos. 5-7, <i>Replaces 60632-005</i>		28	Longitudinal Torque Rod Assembly, <i>See Selection Guide on Page 4 and 5</i>		4
2		**Pivot Bushing	4		Single Longitudinal Torque Rod Fastener Kit Thru Bolt and Bar Pin Connection, Includes Key Nos. 29-34		
3		**Concentric Collar	4	49176-026	Rear Thru Bolt Connection Only, Includes Key Nos. 32-34		
4		**Eccentric Collar	4	58821-012			
5		**1"-14 UNF-2A x 7½" H-Coat Hex Bolt	4	29	**⅝"-11 UNC-2B x 8" Bolt		8
6		**1" H-Coat Flat Washer	8	30	**⅝" Flat Washer		16
7		**1"-14 UNF-2B H-Coat Locknut	4	31	**⅝"-11 UNC-2A Locknut		8
8	65290-001	Top Pad	4	32	**⅝"-14 UNF-2A x 5½" Hex Bolt		4
	48718-125	U-bolt Service Kit, One Wheel End, Includes Key Nos. 9-11		33	**⅝" H-Coat Flat Washer		8
9		**¾" Square U-bolt, 10⅝" Length	8	34	**⅝"-14 UNF-2B Locknut		4
10		**¾" Flat Washer	16	35	49689-000L	Shim	As Req.
11		**¾"-16 UNF U-bolt Locknut	16	36	67045-XXX	Torque Rod Spacer, <i>See Selection Guide on Page 5</i>	
12	60556-XXX	Bottom Cap - Front and Rear, <i>See Selection Guide on Page 4 and 5</i>	4	37	72000-XXXS	**ULTRA ROD® PLUS™ Transverse Torque Rod Assembly, Includes Key No. 38, Specify length in mm	2
13	65139-003	Axle Spacer	4	38	64400-002L	Bushing - Straddle Bar Pin (⅝" Holes)	4
14		*****U-beam Assembly, Includes Key Nos. 2, 15 (<i>Replaces previous U-beam assembly, support beam and cross tube assembly, See Replacement Guide below</i>)	2	39	22186-000	Transverse Torque Rod Frame Bracket	2
		Single D-Pin Bushing Service Kit, Includes Key Nos. 15, 16a, 17-18		40	60593-000L	Axle Stop, Frame Mounted	4
	34013-107	Includes Key Nos. 15, 16b, 17-18		41	60657-003L	Shock Absorber	4
	34013-116	Includes Key Nos. 15, 16c, 17-18		42	67463-002	Upper Shock Frame Bracket, <i>Replaces 65000-002</i>	4
15		**D-Pin Bushing	4	50754-030	Single Shock Fastener Service Kit, Includes Key Nos. 43-48		
		D-Pin Fastener Service Kit, Axle Set, Includes Key Nos. 16a, 17-18		43	**¾"-10 UNC x 4¼" Upper Shock Bolt		4
	56659-009	Includes Key Nos. 16b, 17-18		44	**¾" Flat Washer		4
	56659-013	Includes Key Nos. 16c, 17-18		45	**¾"-10 UNC Locknut		4
	56659-012	Includes Key Nos. 16c, 17-18		46	**⅝"-11 UNC x 6" Lower Shock Bolt		4
16		**¾"-16 UNF Bolt	8	47	**⅝" Flat Washer		8
a		5" Length		48	**⅝"-11 UNC-2B Locknut		4
b		5½" Length		49	60921-000	Height Control Valve Linkage Bracket	2
c		4¾" Length		50	64508-XXX	S-cam Support Bracket, <i>Locate part number on component</i>	4
17		**¾" Flat Washer	16	58821-017	S-cam Fastener Service Kit, Axle Set, Includes Key Nos. 51-56		
18		**¾"-16 UNF Locknut	8	51	**⅜"-16 UNC x 1¼" Hex Bolt		8
19		*****Support Beam Assembly (<i>66435-xxx, See Replacement Guide below</i>)		52	**⅜" Hardened Washer		16
20		*****Cross Tube (<i>60912-xxx, See Replacement Guide below</i>)		53	**⅜"-16 UNC Locknut		8
	46772-001	End Cap and Fastener Kit, Axle Set, Includes Key Nos. 21-23		54	**⅝"-16 S-cam U-bolt		4
21		**End Cap	4	55	**⅝"-16 Hardened Washer		16
22		**⅝"-9 UNC x 3½" Hex Bolt	4	56	**⅝"-18 UNC Locknut		8
23		**⅝" H-Coat Flat Washer	4	57	70867-001	P-80 Lubricant - 10 ml (Not Shown)	per Bushing 1

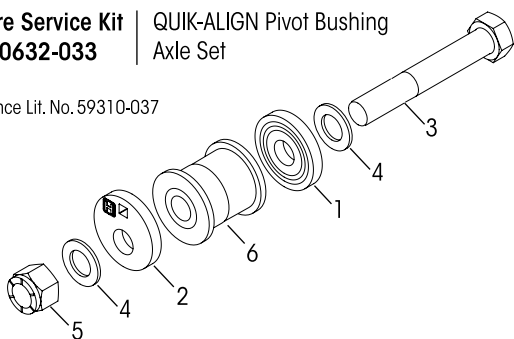
Support Beam and Cross Tube Replacement Guide

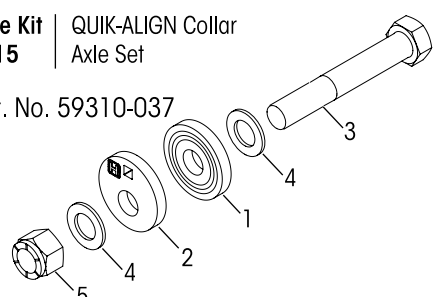
Key Nos. 19, 20	DISCONTINUED May 2010				NEW		
•Frame Width (Inches)	Support Beam Assembly Part Number				Cross Tube Part No.	U-beam Assembly Service Kit No.	
	60831-00X • 66435-00X				60912-XXX	60961-XXX	
	LH Forward	LH Rear	RH Forward	RH Rear		Forward	Rear
34.3	-003	-001	-004	-002	-003	-261	-262
34.5					-002	-263	-264
34.8					-009	-243	-244
NOTE: •Contact vehicle manufacturer to verify frame width.							

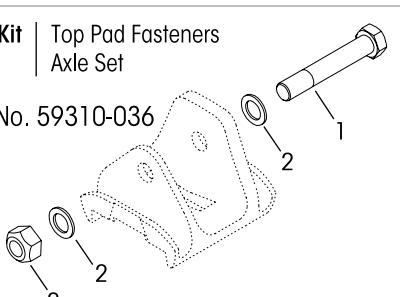
U-beam Assembly Aftermarket Service Kit

Service Kit No. 69565-001, Axle Set			
PART NO.	DESCRIPTION	QTY.	COMMENTS
69351-000	Sikaflex 221 Polyurethane Sealant, 300 ml Tube	1	In the event any service to the suspension requiring disassembly of a U-beam assembly equipped with integrated end caps, the Loctite 277, tamper resistant caps and Sikaflex 221 polyurethane sealant must be properly installed to ensure components function to their highest efficiency.
69570-000	Loctite® 277 - 10 ml Bottle	1	
**	Tamper Resistant Cap	2	
**	7/8"-9 UNC x 3 3/4" Hex Bolt	2	
**	7/8" H-Coat Flat Washer	2	

Severe Service Kits

Severe Service Kit No. 60632-033 QUIK-ALIGN Pivot Bushing Axle Set Reference Lit. No. 59310-037		KIT NO. 60632-033 PRIMAAX EX, PRIMAAX – 9", 10½", 13" Ride Height	
		KEY NO. CONTENTS	KIT QTY.
		1 QUIK-ALIGN Concentric Collar	2
		2 QUIK-ALIGN Eccentric Collar	2
		3 1¼"-12 UNF Bolt - 8"	2
		4 1¼" Hardened Washer	4
		5 1¼"-12 UNF Nylocknut	2
		6 QUIK-ALIGN Pivot Bushing	2
		7 P-80 Bushing Lubricant - 10 ml.	per Bushing 1

Severe Service Kit No. 60632-015 QUIK-ALIGN Collar Axle Set Reference Lit. No. 59310-037		KIT NO. 60632-015 PRIMAAX EX, PRIMAAX – 9", 10½", 13" Ride Height	
		KEY NO. CONTENTS	KIT QTY.
		1 QUIK-ALIGN Concentric Collar	2
		2 QUIK-ALIGN Eccentric Collar	2
		3 1¼"-12 UNF Bolt - 8"	2
		4 1¼" Hardened Washer	4
		5 1¼"-12 UNF Nylocknut	2

Severe Service Kit No. 58821-026 Top Pad Fasteners Axle Set Reference Lit. No. 59310-036		KIT NO. 58821-026 Top Pad Thru Bolt Style Only Does Not Include Top Pad	
		KEY NO. CONTENTS	KIT QTY.
		1 M24 x 3.0-6G H-coat Hex Bolt	2
		2 M24 Hardened Washer	4
		3 M24 x 3.0-6H Locknuts	2

NOTES:

- * Quantities specified are shown for a tandem suspension. Adjust quantities for single or tridem suspensions. Quantities of service kit components may vary from amount shown in lists.
- ** Item included in assembly / kit only, part not sold separately.
- *** Transverse Rods are mandatory for the PRIMAAX EX • PRIMAAX suspensions regardless of axle spacing, see Literature No. 59310-004 and 59310-058 for more information.
- **** Alternate configuration of the QUIK-ALIGN fasteners. The locknuts located inboard will allow additional clearance for wider tires or tires with chains. Tightening is still required ONLY on the locknut.
- ***** No longer available for service, See Replacement Guide on Page 13. For more information, refer to Hendrickson Technical Bulletin Literature No. SEU-0229 or contact Hendrickson Tech Services.

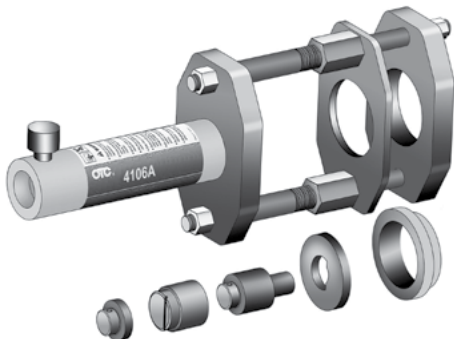


Special Tools

D-PIN / QUIK-ALIGN PIVOT BUSHING SERVICE TOOLS

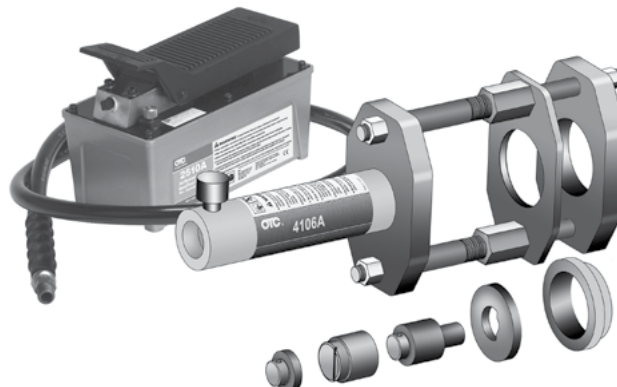
Hendrickson Part No. 66086-202

OTC Part No. 4246 Visit otctools.com



Hendrickson Part No. 66086-204

OTC Part No. 4247 Visit otctools.com

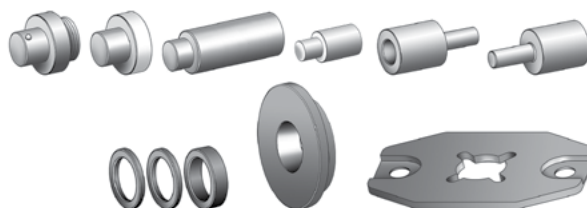


Hendrickson Part No. 66086-205

OTC Part No. 4254

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NOTE: In conjunction with Hendrickson Part No. 66086-204 (OTC 4247) this additional adapter tool kit is available to purchase to be used on Hendrickson SOFTEK NXT suspension (not needed for this suspension).



QUIK-ALIGN PIVOT BUSHING SERVICE TOOL

Hendrickson Part No. 66086-203L

Reference Literature No. 59310-061



QUIK-ALIGN SOCKET TOOL

Hendrickson Part No. 66086-200

OTC Part No. 1767

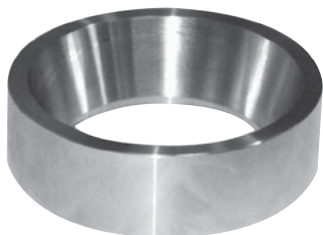
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TORQUE ROD BUSHING FUNNEL TOOL

ULTRA ROD PLUS

Hendrickson Part No.
66086-000



QUIK-WRENCH TOOL

Hendrickson Part No. 66086-201

OTC Part No. 1768

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This is a general parts list to provide directional information. Components may vary by model. Questions in regards to parts, contact Hendrickson Truck Parts at 1.866.755.5968 (Toll-free U.S. and Canada), 1.630.910.2800 (Outside U.S. and Canada) or e-mail: truckparts@hendrickson-intl.com.

www.hendrickson-intl.com



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