

PARTS LIST

FIREMAAX® EX Heavy-duty Rear Air Suspension for Fire and Rescue Vehicles

LIT NO: SP-337

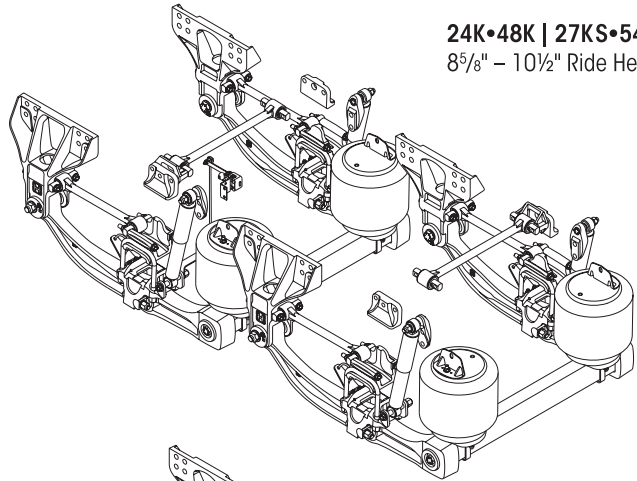
DATE: May 2025

REVISION: D

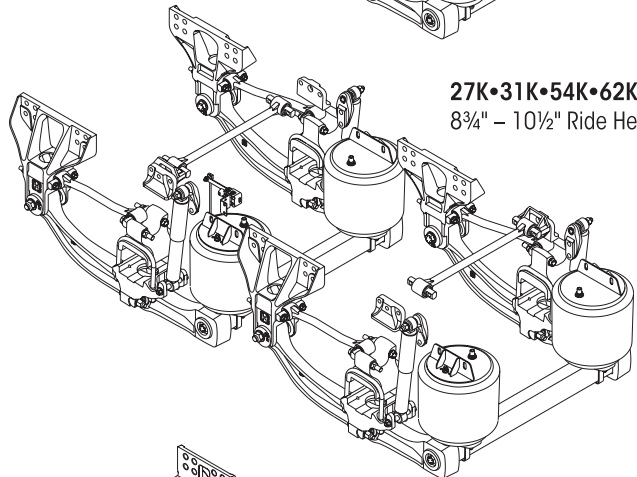
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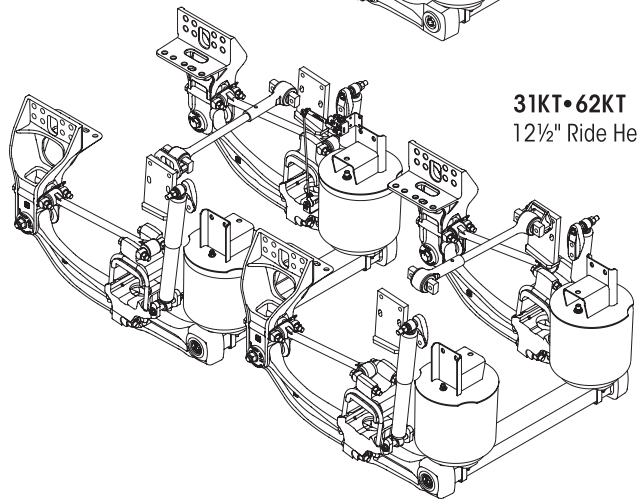
24K•48K | 27KS•54KS
8⁵/₈" – 10¹/₂" Ride Height



27K•31K•54K•62K
8⁵/₈" – 10¹/₂" Ride Height



31KT•62KT
12¹/₂" Ride Height



■ Technical Notes

The following information is intended to assist in determining which suspension is equipped on the vehicle. Figure 1 identifies the suspension rating / capacity and Figure 2 identifies the ride height.

FIGURE 1

SUSPENSION RATING • CAPACITY

S – designates Small Clamp Group • **T** – designates Tall Ride Height 12½"

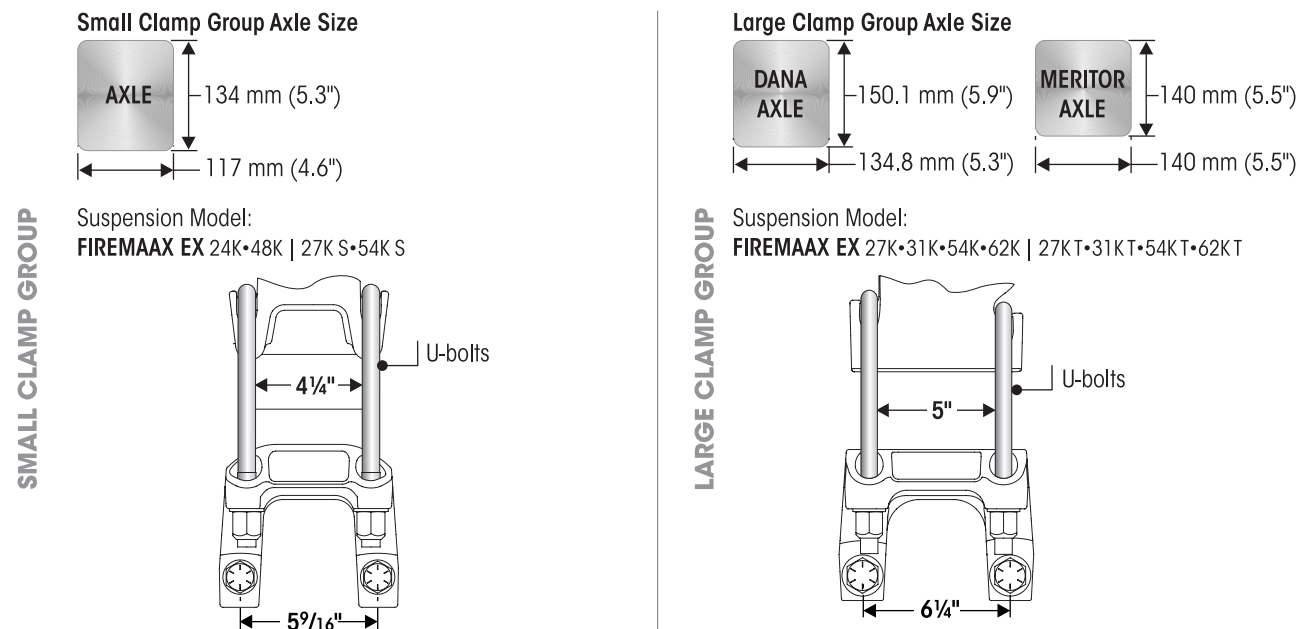
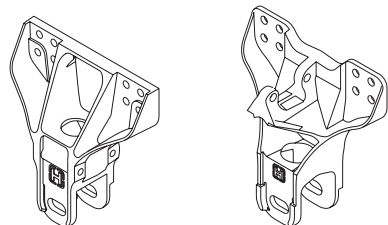


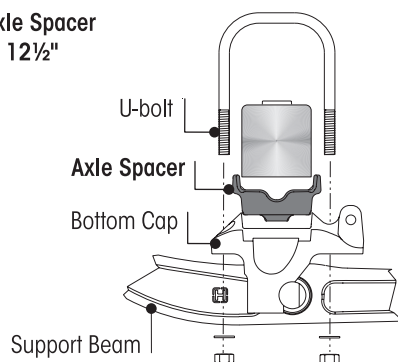
FIGURE 2

RIDE HEIGHT

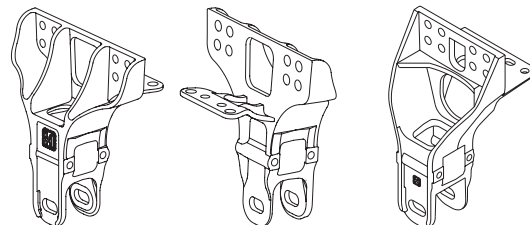
Frame Hangers:
8½", 8⅝", 8¾", 9", 9½", 9¾", 10", 10½" Ride Height



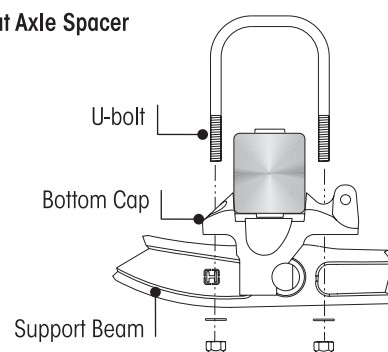
Ride Height with Axle Spacer
8½", 8⅝", 8¾", 9", 12½"



Frame Hangers: 12½" Ride Height

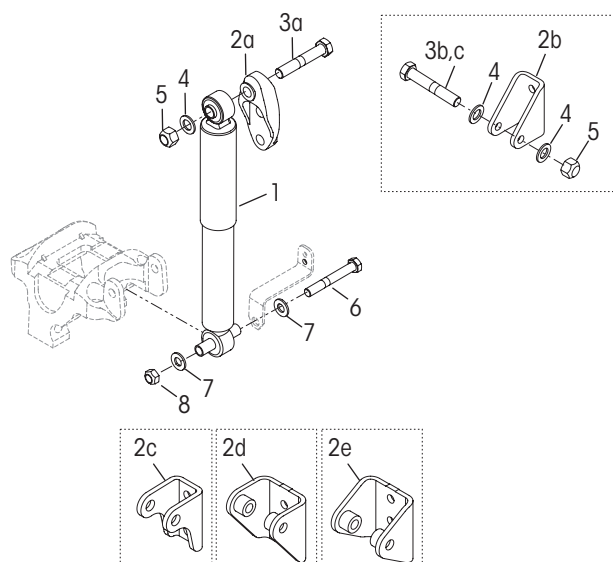


Ride Height without Axle Spacer
9½", 10", 10½"





■ Shock Absorber Selection Guide | Small and Large Clamp Group



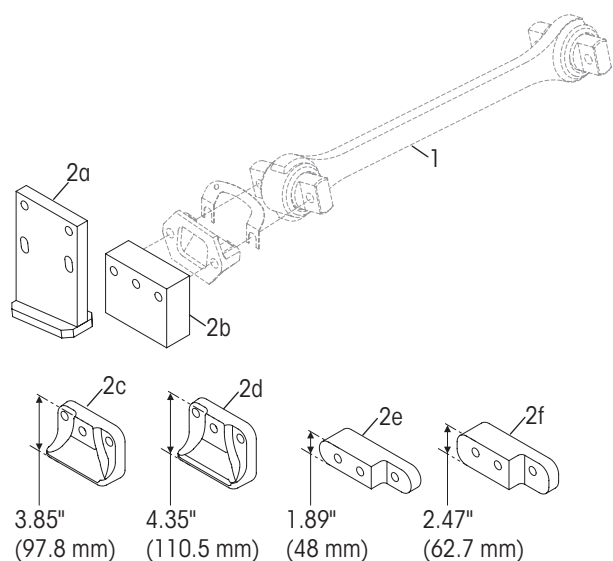
NOTES: ♦ Locate the part number on component dust cover.

♦♦ Contact Hendrickson Truck Parts if the vehicle is not equipped with a high strength clevis shock bracket, Key No. 2d or 2e.

♦♦♦ Use of an alternative shock bracket or shock absorber is not permitted without prior authorization and / or guidance from Hendrickson.

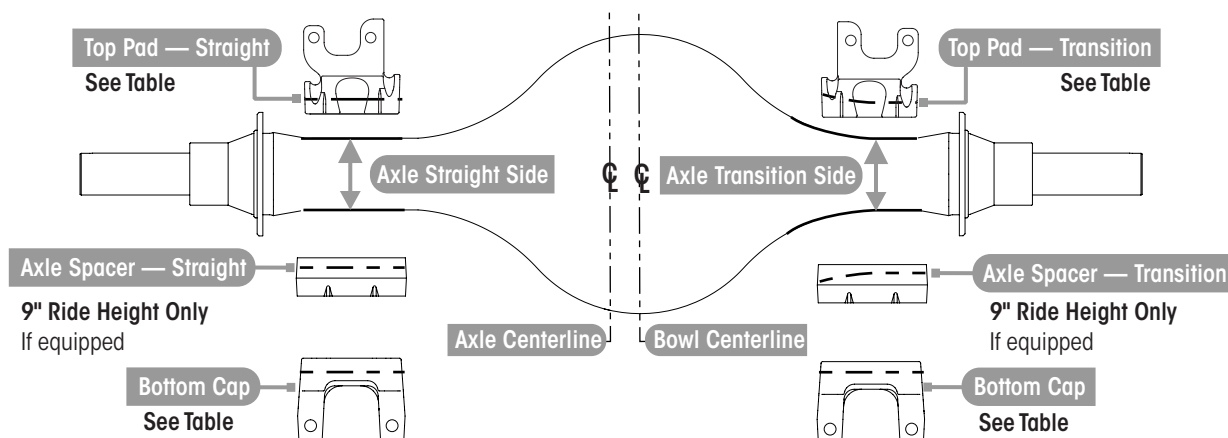
KEY NO.	PART NO.	DESCRIPTION	VEHICLE *QTY
1		*Shock Absorber	4
	70807-001L	**Use only if equipped with Key No. 2d or 2e Small Clamp Group	
	70807-002L	Large Clamp Group	
2		***Upper Shock Frame Bracket	4
a	78250-002	Cast	
b	59423-001	Standard Fabricated Clevis, No Spacers	
c	59423-030	Tall Ride Height, No Spacers	
		High Strength Clevis, Includes Spacers	
d	78896-001	• High Mount	
e	78896-002	• Low Mount	
		Single Upper and Lower Shock Absorber Fastener Service Kits	
	50754-030	4 1/4" Bolt, Includes Key Nos. 3a, 4-5, 6a, 7-8	
	50754-029	4 1/4" Bolt, Includes Key Nos. 3a, 4-5, 6b, 7-8	
	34013-445	5" Bolt, Includes Key Nos. 3b, 4-5, 6a, 7-8	
	34013-447	5" Bolt, Includes Key Nos. 3b, 4-5, 6b, 7-8	
	34013-446	6 1/2" Bolt, Includes Key Nos. 3c, 4-5, 6a, 7-8	
	50754-064	6 1/2" Bolt, Includes Key Nos. 3c, 4-5, 6b, 7-8	
3		*Upper Shock Bolt 3/4"-10 UNC	4
a		4 1/4" Length, use with 2a, 2b, 2c	
b		5" Length, use with 2a	
c		6 1/2" Length, use with 2d, 2e	
4		*3/4" Flat Washer	As Req.
5		*3/4"-10 UNC Locknut	4
6		*Lower Shock Bolt 5/8"-11 UNC	4
a		6" Length, Small Clamp Group	
b		7" Length, Large Clamp Group	
7		*5/8" Hardened Washer	8
8		*5/8"-11 UNC-2B Locknut	4

■ Axle Stop Selection Guide | Small and Large Clamp Group

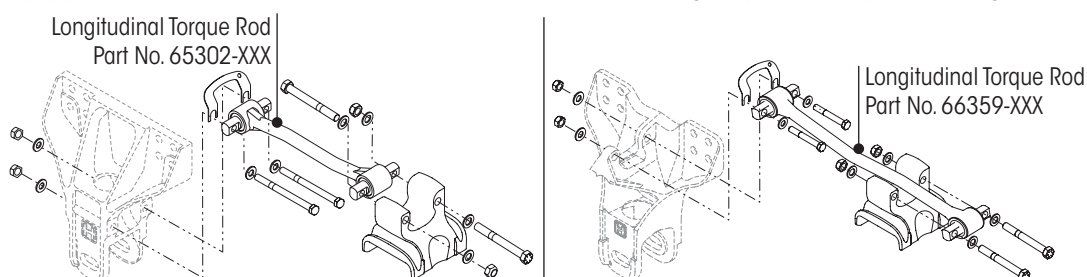


KEY NO.	PART NO.	DESCRIPTION	VEHICLE *QTY
1	8230-0000-XXX	**TRAAX ROD Transverse Torque Rod Assembly, Includes Bushings	1
2		Axle Stop. See graphic to identify	1
a	65510-001	Fabricated	
b	60593-002	Billet	
c	60593-000	Cast	
d	60593-012	Cast	
e	60593-007	Billet	
f		Billet	
	60593-008	Left	
	60593-009	Right	

Top Pad • Bottom Cap Selection Guide | Large Clamp Group



Equipped with Drum Brakes or Air Disc Brakes used with following Torque Rod / Top Pad Configurations



9½", 10", 10½" Ride Heights without Axle Spacer

Axle Series	Beam Spacing	Bottom Cap Part Number				Top Pad Part Number			
		Left Side		Right Side		Left Side		Right Side	
		Straight	Transition	Straight	Transition	Straight	Transition	Straight	Transition
SINGLE AXLE									
Meritor 185	40 40.3		*65208-005 **65208-105	*65208-001 **65208-101			65210-003	65210-001	
	41		67913-205	67913-201B			65273-010	65273-009	
Dana 190	40 40.3		*65208-007 **65208-107	*65208-002 **65208-102			65210-004	65210-002	
TANDEM FRONT									
Meritor 185	40 40.3	*65208-001 **65208-101		*65208-006 **65208-106	65210-001			65210-003	
	41	67913-201A		67913-206	65273-009			65273-010	
Dana 190	40 40.3	*65208-002 **65208-102		*65208-008 **65208-108	65210-002			65210-004	
TANDEM REAR									
Meritor 185	40 40.3		*65208-009 **65208-109	*65208-003 **65208-103			65210-003 Replaces 65210-103	65210-001 Replaces 65210-101	
	41		67913-209	67913-203			65273-010 Replaces 65273-110	65273-009 Replaces 65273-109	
Dana 190	40 40.3		*65208-011 **65208-111	*65208-004 **65208-104			65210-004 Replaces 65210-104	210-002 Replaces 65210-102	



Top Pad • Bottom Cap Selection Guide (continued) | Large Clamp Group

8½", 8⅝", 8¾", 9", 12½" Ride Heights with Axle Spacer (below axle)

Axle Series	Beam Spacing	Bottom Cap Part Number	Axle Spacer Part Number				Top Pad Part Number			
		Left / Right Side	Left Side		Right Side		Left Side		Right Side	
		Straight	Straight	Transition	Straight	Transition	Straight	Transition	Straight	Transition
SINGLE AXLE										
Meritor 185	40 40.3	♦65208-001 ♦♦65208-101		65277-000	65276-000			65210-003	65210-001	
	41	♦65208-001 ♦♦65208-101		67973-012	67973-010			65273-010	65273-009	
Dana 190	40 40.3	♦65208-002 ♦♦65208-102		65275-000	65274-000				65210-004	
TANDEM FRONT										
Meritor 185	40 40.3	♦65208-001 ♦♦65208-101	65276-000		65277-000	65210-001				65210-003
	41	♦65208-001 ♦♦65208-101	67973-010		67973-012	65273-009				65273-010
Dana 190	40 40.3	♦65208-002 ♦♦65208-102	65274-000		65275-000	65210-002				65210-004
TANDEM REAR										
Meritor 185	40 40.3	♦65208-003 ♦♦65208-103		65277-000	65276-000			65210-003 <i>Replaces</i> 65210-103	65210-001 <i>Replaces</i> 65210-101	
	41	♦65208-003 ♦♦65208-103		67973-012	67973-010			65273-010 <i>Replaces</i> 65273-110	65273-009 <i>Replaces</i> 65273-109	
Dana 190	40 40.3	♦65208-004 ♦♦65208-104		65275-000	65274-000				65210-004 <i>Replaces</i> 65210-104	

NOTE: ♦ Equipped with air disc brakes. ♦♦ Equipped with drum brakes.

Continued on next Page

NOTES: Quantities specified are shown for single suspension. Adjust quantities for tandem or tridem suspensions. Quantities of service kit components may vary from amount shown in the list.

Longitudinal torque rods and Transverse TRAAX ROD bushings are non-serviceable, the entire torque rod assembly requires replacement. Visit TRAAX ROD website www.traaxrods.com for more information.

* Item included in kit / assembly only, part not sold separately.

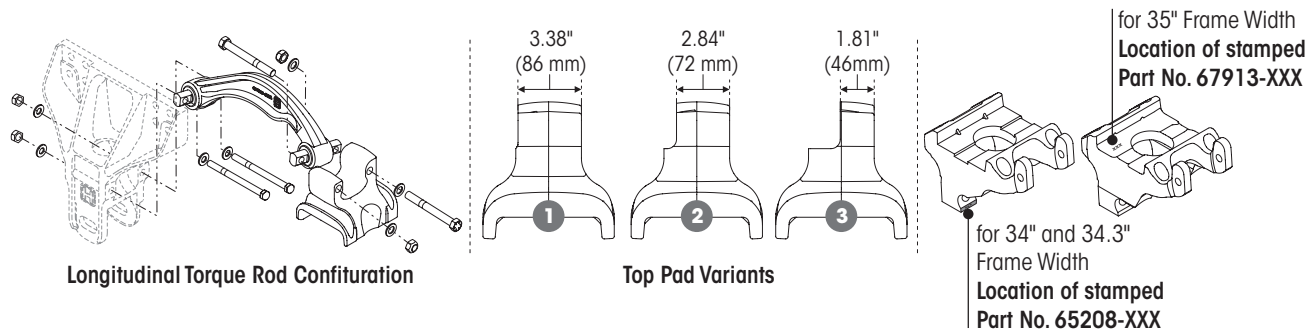
** Transverse torque rods are mandatory for the FIREMAAX EX suspensions regardless of axle spacing, see Literature Nos. 59310-004 and 59310-058 for more information.

*** S-cam bracket is not required for the vehicles equipped with Air Disc Brakes.

♦ 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.

Top Pad • Bottom Cap Selection Guide (continued) | Large Clamp Group

Equipped with Air Disc Brakes with following Torque Rod / Top Pad / Bottom Cap Style

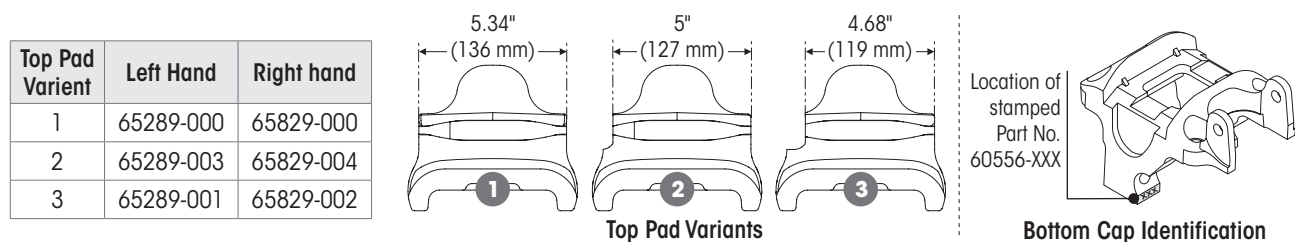


9½", 10", 10½" Ride Heights without Axle Spacer

Axle Series	Beam Spacing	Top Pad Variant	Top Pad Part Number			
			Left Side		Right Side	
			Straight	Transition	Straight	Transition
TANDEM FRONT						
Meritor 185	40 / 40.3	1	91565-001A			91565-021B
		2	91565-002A			91565-022B
		3	91565-003A			91565-023B
	41	1	91853-001			91853-101
		2	91853-002			91853-102
		3	91853-003			91853-103
Dana S30-190	40 / 40.3	1	91565-011A			91565-031B
		2	91565-012A			91565-032B
		3	91565-013A			91565-033B
TANDEM REAR • SINGLE AXLE						
Meritor 185	40 / 40.3	1		91565-021A	91565-001B	
		2		91565-022A	91565-002B	
		3		91565-023A	91565-003B	
	41	1		91853-201	91853-301	
		2		91853-202	91853-302	
		3		91853-203	91853-303	
Dana S30-190	40 / 40.3	1		91565-031A	91565-011B	
		2		91565-032A	91565-012B	
		3		91565-033A	91565-013B	

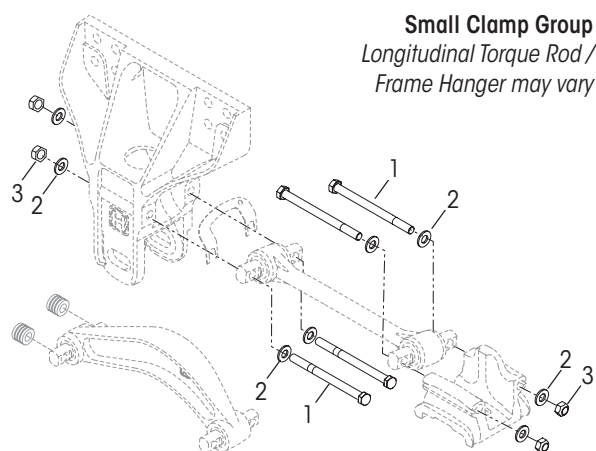
Top Pad • Bottom Cap Selection Guide | Small Clamp Group

Equipped with Air Disc Brakes with following Top Pad / Bottom Cap Style

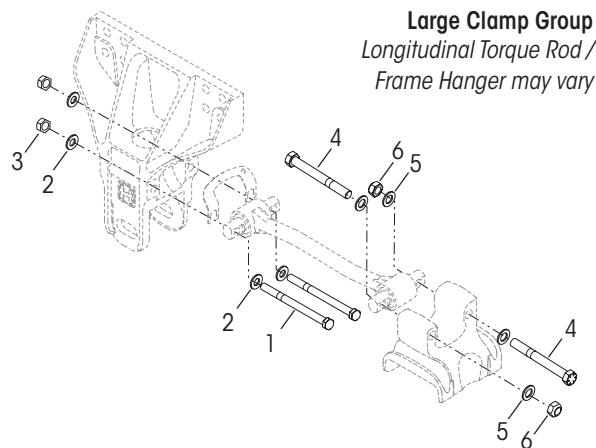




■ Longitudinal Torque Rod Fasteners Service Kits Selection Guide | Small and Large Clamp Group



Small Clamp Group
Longitudinal Torque Rod /
Frame Hanger may vary



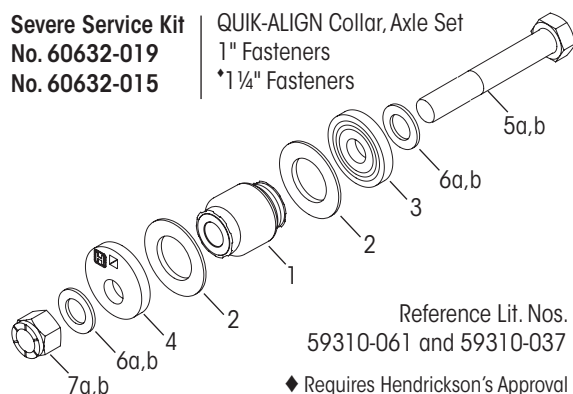
Large Clamp Group
Longitudinal Torque Rod /
Frame Hanger may vary

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY
Longitudinal Torque Rod Fasteners Service Kits, One Torque Rod			
	49176-016	Includes Key Nos. 1a, 2-3	
	49176-003	Includes Key Nos. 1b, 2-3	
	69832-001	Includes Key Nos. 1c, 2-3	
	49176-078	Includes Key Nos. 1d, 2-3	
	58819-014	Includes Key Nos. 1e, 2-3	
	49176-088	Includes Key Nos. 1f, 2-3	
	49176-032	Includes Key Nos. 1g, 2-3	
	49176-059	Includes Key Nos. 1h, 2-3	
	49176-019	Includes Key Nos. 1i, 2-3	
	49176-047	Includes Key Nos. 1j, 2-3	
	49176-015	Includes Key Nos. 4a, 5-6	
	49176-024	Includes Key Nos. 4b, 5-6	
Longitudinal Torque Rod Fasteners Service Kits, Axle Set			
	49176-056	Includes Key Nos. 1e, 1h, 2-3	
	49176-031	Includes Key Nos. 1g, 2-3, 4b, 5-6	
1		*5/8"-11 UNC-2B Bolt	4
a		4" Length	
b		4½" Length	
c		5" Length	
d		5½" Length	
e		7" Length	
f		7½" Length	
g		8.0" Length	
h		8¾" Length	
i		9" Length	
j		10" Length	
2		*5/8" Hardened Washer	8
3		*5/8"-11 UNC-2A Locknut	4
4		*3/4"-16 UNF Hex Bolt	4
a		3¾" Length	b
		6" Length	
5		*3/4" Flat Washer	8
6		*3/4"-16 UNF Locknut	4

■ Severe Service Kits

Severe Service Kit
No. 60632-043 | QUIK-ALIGN Pivot Bushing, Axle Set
No. 60632-033 | 1" Fasteners
*1 ¼" Fasteners

Severe Service Kit
No. 60632-019 | QUIK-ALIGN Collar, Axle Set
No. 60632-015 | 1" Fasteners
*1 ¼" Fasteners



Service Kit Nos.

QUIK-ALIGN Pivot Bushing

60632-043 – 1" Fasteners, Includes Key Nos. 1-4, 5a-7a, 8

60632-033 – 1 ¼" Fasteners*, Includes Key Nos. 1-4, 5b-7b, 8

QUIK-ALIGN Collar

60632-021 – 1" Fasteners, Includes Key Nos. 3-4, 5a-7a

60632-015 – *1 ¼" Fasteners, Includes Key Nos. 3-4, 5b-7b

KEY NO.	CONTENTS	KIT QTY.
1	QUIK-ALIGN Pivot Bushing	2
2	Confinement Washer	4
3	QUIK-ALIGN Concentric Collar	2
4	QUIK-ALIGN Eccentric Collar	2
5a	1"-14 UNF x 7½" Bolt	2
b	1¼"-12 UNF x 8" Bolt	2
6a	1" Hardened Washer	4
b	1¼" Hardened Washer	4
7a	1"-14 UNF Nylocknut	2
b	1¼" 12 UNF Nylocknut	2
8	P-80 Bushing Lubricant - 10 ml. (per Bushing 1)	2

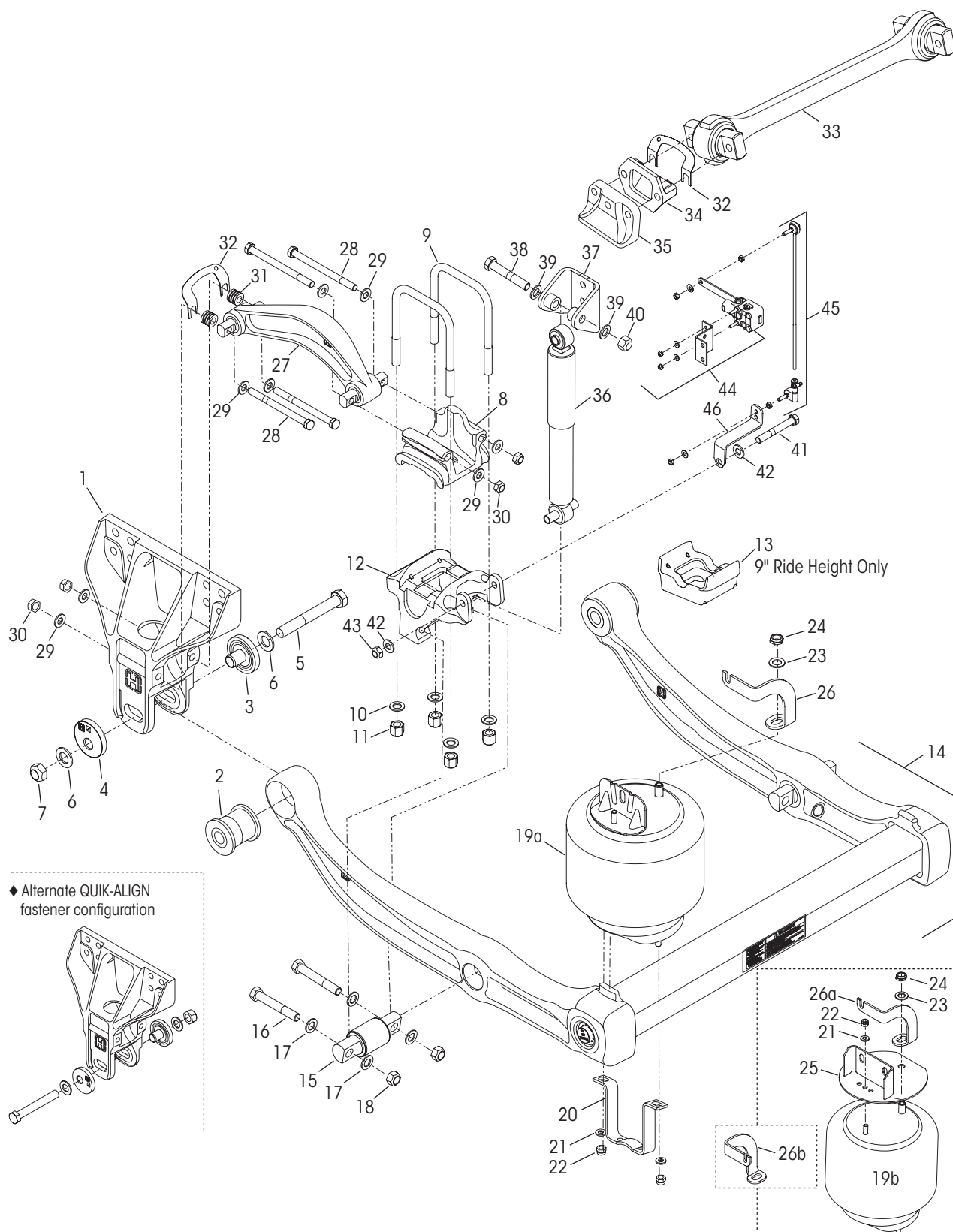
E-ONE | Small Clamp Group

9", 9½", 10" Ride Height

Equipped with Air Disc Brake

FIREMAAX EX 24K • 48K | 27KS • 54KS

S – designates Small Clamp Group





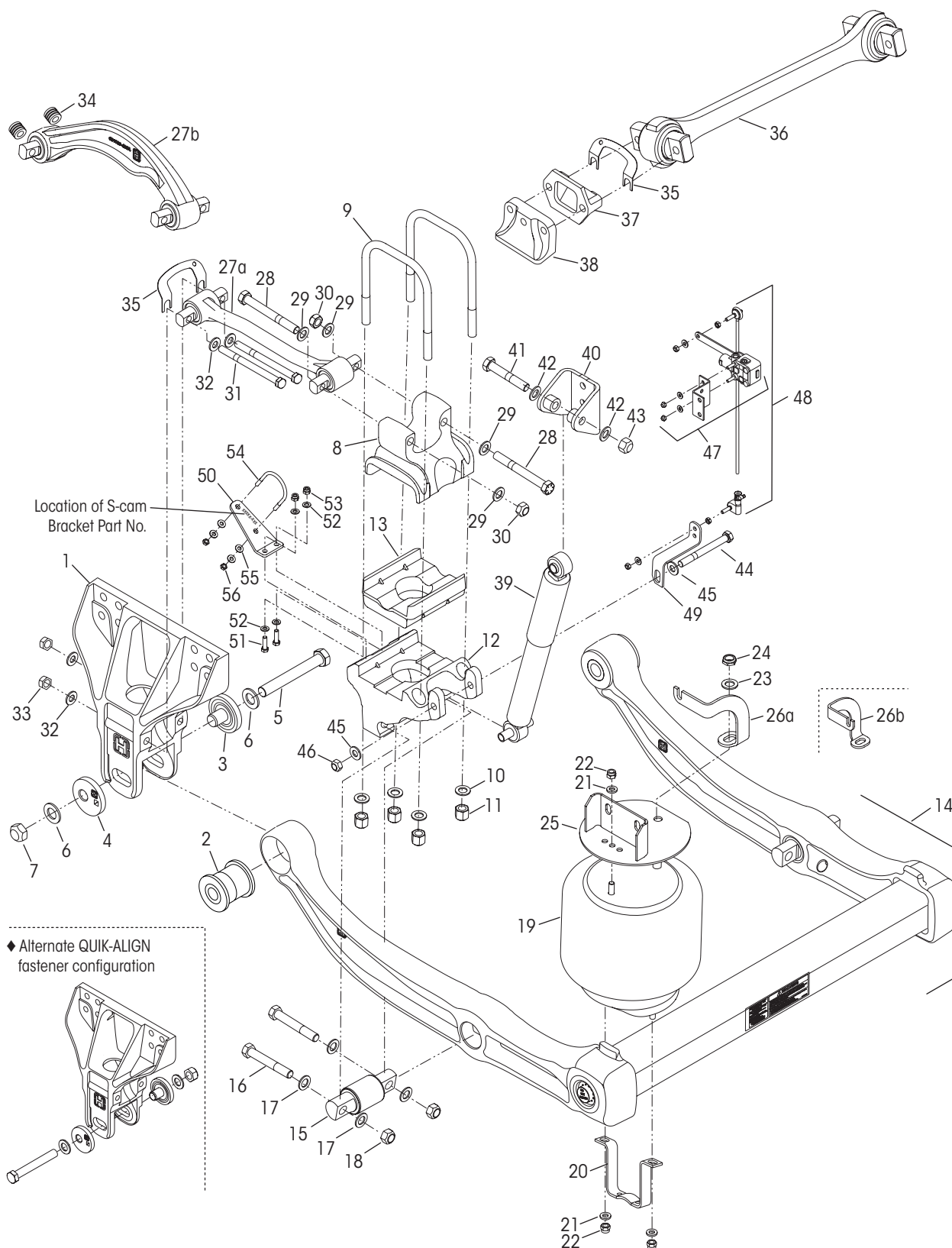
VEHICLE				VEHICLE			
KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1	67706-000	Frame Hanger	2			Air Spring Service Kits, Single	
		QUIK-ALIGN® Pivot Bushing Service Kits,		60961-229		Includes Key Nos. 19a, 20-24	
	60961-720	Includes Key Nos. 2-7, 48		60961-665		Includes Key Nos. 19b, 20-25	
	60632-020	One Wheel End		68056-002		Includes Key Nos. 19b, 21-25	
		Axle Set		49177-039		Includes Key Nos. 20-24	
		QUIK-ALIGN Collar Service Kits,		49177-023		Includes Key Nos. 21-24	
		Includes Key Nos. 3-7		19		Air Spring	2
	60632-019	One Wheel End		a	67392-002	24K•48K Air Spring with Upper Bracket	
	60632-021	Axle Set		b	67044-002L	27K S•54K S Air Spring Only	
	60632-018	QUIK-ALIGN Fastener Service Kit, One Wheel End,		20	60911-002	Lower Air Spring Bracket	2
		Includes Key Nos. 5-7		21		*½" Hardened Washer	4
2		*QUIK-ALIGN Pivot Bushing	2	22		*½"-13 UNC Locknut	4
3		*QUIK-ALIGN Concentric Collar	2	23		*¾" Flat Washer	2
4		*QUIK-ALIGN Eccentric Collar	2	24		*¾"-16 UNF Locknut	2
5		*1"-14 UNF-2A x 7½" Hendrickson Coated Hex Bolt	2	25	65868-000	Upper Air Spring Bracket – 27K S • 54K S	2
6		*1" Hendrickson Coated Hardened Washer	4	26a	59479-003	Air Spring Gusset	1
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2	b	59479-004	Air Spring Gusset	1
8	65289-XXX	Top Pad	2	27		Longitudinal Torque Rod Assembly with Bushings	2
		<i>See Selection Guide on Page 6</i>			67219-435	Front	
		U-bolt Service Kits, One Wheel End, Includes			67219-475	Rear	
		Kit No. 48718-501			49176-XXX	Longitudinal Torque Rod Fastener Service Kit,	
	91430-047	9½", 10" Ride Height, Includes Key No. 9a				<i>See Selection Guide on Page 7</i>	
	91430-050	9" Ride Height, Includes Key No. 9b		28		*⅝"-11 UNC-2B Bolt	8
9		*¾" Square U-bolt	4	29		*⅝" Hardened Washer	16
a		8⅞" Length		30		*⅝"-11 UNC-2A Locknut	8
b		9⅞" Length		31		Torque Rod Spacer (4 Pack)	As Req.
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,			34013-273	½" – 27K S	
		Includes Key Nos. 10-11			34013-274	¼" – 54K S	
10		*¾" Flat Washer	8	32		Shim, 1.52 mm	As Req.
11		*¾"-16 UNF U-bolt Locknut	8		49689-000L	Single	
12	60556-XXX	Bottom Cap, <i>See Graphic on Page 6</i>	2		34013-343	2 Pack	
13	76960-001	Axle Spacer - 9" Ride Height Only	2		34013-234	4 Pack	
14		U-beam Assembly, 34.3" Frame Width,	1		34013-342	6 Pack	
		Includes Key Nos. 2, 15		33	8230-0000-XXX	**TRAAX ROD Transverse Torque Rod	1
	67249-012	Front, Single				Assembly, Includes Bushings	
	67249-011	Rear		34	22186-000	Transverse Torque Rod Frame Bracket	1
		Single D-pin Bushing Service Kits,		35		Axle Stop, <i>See Selection Guide on Page 3</i>	1
	34013-117	Includes Key Nos. 15, 16a, 17-18		36		Shock Absorber, <i>Locate Part No. on component</i>	2
	34013-107	Includes Key Nos. 15, 16b, 17-18		37		Upper Shock Frame Bracket	2
	34013-201	Includes Key Nos. 15, 16c, 17-18				<i>See Selection Guide on Page 3</i>	
	34013-116	Includes Key Nos. 15, 16d, 17-18				Single Shock Absorber Fastener Service Kit,	
15		*D-pin Bushing	2			Includes Key Nos. 38-43, <i>See Selection Guide</i>	
		D-pin Fastener Service Kits, Axle Set,				<i>on Page 3</i>	
	56659-012	Includes Key Nos. 16a, 17-18		38		*¾"-10 UNC Upper Shock Bolt	2
	56659-009	Includes Key Nos. 16b, 17-18		39		*¾" Flat Washer	As Req.
	56659-014	Includes Key Nos. 16c, 17-18		40		*¾"-10 UNC Locknut	2
	56659-013	Includes Key Nos. 16d, 17-18		41		*⅝"-11 UNC Lower Shock Bolt	2
16		*¾"-16 UNF Bolt	4	42		*⅝" Hardened Washer	4
a		4¾" Length		43		*⅝"-11 UNC-2B Locknut	2
b		5" Length			58525-019	Height Control Valve Assembly Service Kit,	
c		5¼" Length				Includes Key Nos. 44-46	
d		5½" Length		44	57977-000	Height Control Valve Assembly	1
17		*¾" Flat Washer	8	45	58994-005L	Linkage Assembly	1
18		*¾"-16 UNF Locknut	4	46	60921-000	Linkage Bracket	1
				47	30272-000	Pressure Protection Valve (Not Shown)	1
				48	70867-001	P-80 Lubricant - 10 ml (Not Shown)	per Bushing 1

E-ONE | Large Clamp Group

9", 10" Ride Height

Equipped with Drum Brake / Air Disc Brake

FIREMAAX EX 31K • 62K





KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	67706-000	Frame Hanger	2	24		*3/4"-16 UNF Locknut	2
		QUIK-ALIGN Pivot Bushing Service Kits,		25	65868-000	Upper Air Spring Bracket	2
	60961-720	Includes Key Nos. 2-7, 58		26a	59479-003	Air Spring Gusset Drum Brakes	2
	60632-020	One Wheel End		b	59479-004	Air Spring Gusset Drum Brakes	2
		Axle Set		a	59479-005	Air Spring Gusset Air Disc Brakes	2
		QUIK-ALIGN Collar Service Kits,		b	59479-006	Air Spring Gusset Air Disc Brakes	2
	60632-019	Includes Key Nos. 3-7		27		Longitudinal Torque Rod Assembly with Bushings 2	
	60632-021	One Wheel End		a	65302-XXX	Equipped with Drum Brake, <i>Specify length in mm</i>	
	60632-018	Axle Set		b		Equipped with Air Disc Brake	
		QUIK-ALIGN Fastener Service Kit, One Wheel End,			91277-XXA	Left Hand	
		Includes Key Nos. 5-7			91277-XXXB	Right Hand	
2		*QUIK-ALIGN Pivot Bushing	2		49176-XXX	Longitudinal Torque Rod Fastener Service Kit,	
3		*QUIK-ALIGN Concentric Collar	2			<i>See Selection Guide on Page 7</i>	
4		*QUIK-ALIGN Eccentric Collar	2	28		*5/8"-11 UNC-2B Bolt	8
5		*1"-14 UNF-2A x 7 1/2" Hendrickson Coated Hex Bolt	2	29		*5/8" Hardened Washer	16
6		*1" Hendrickson Coated Hardened Washer	4	30		*5/8"-11 UNC-2A Locknut	8
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2	31		*3/4"-16 UNF Hex Bolt	4
8		Top Pad	2	32		*3/4" Flat Washer	8
a	65210-XXX	Equipped with Key No. 27a, <i>See Selection Guide on Page 4</i>		33		*3/4"-16 UNF Locknut	4
b	91565-XXX	Equipped with Key No. 27b, <i>See Selection Guide on Page 6</i>		34		Torque Rod Spacer (4 Pack)	As Req.
		U-bolt Service Kits, One Wheel End, Includes			34013-271	1" - 31K	
		Kit No. 48718-501			34013-273	1/2" - 31K	
	91430-042	10" Ride Height, Outboard, Includes Key No. 9a			34013-274	1/4" - 62K	
	91430-043	10" Ride Height, Inboard, Includes Key No. 9b		35		Shim, 1.52 mm	As Req.
	91430-045	9" Ride Height, Outboard, Includes Key No. 9c			49689-000L	Single	
	91430-060	9" Ride Height, Inboard, Includes Key No. 9d			34013-343	2 Pack	
9		*3/4" Square U-bolt	4		34013-234	4 Pack	
a		10" Length			34013-342	6 Pack	
b		10.5" Length		36	8230-0000-XXX	**TRAAX ROD Transverse Torque Rod Assembly, Includes Bushings	1
c		11.5" Length		37	22186-000	Transverse Torque Rod Frame Bracket	1
d		12" Length		38		Axle Stop, <i>See Selection Guide on Page 3</i>	1
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,		39		Shock Absorber, <i>Locate Part No. on component</i>	2
		Includes Key Nos. 10-11		40		Upper Shock Frame Bracket	2
10		*3/4" Flat Washer	8			<i>See Selection Guide on Page 3</i>	
11		*3/4"-16 UNF U-bolt Locknut	8			Single Shock Absorber Fastener Service Kit,	
12		Bottom Cap, <i>See Selection Guide on Page 4</i>	2			Includes Key Nos. 41-46, <i>See Selection Guide on Page 3</i>	
a	65208-XXX	40.3" Beam Spacing		41		*3/4"-10 UNC Upper Shock Bolt	2
b	94872-001	Left Hand Dana 302T Axle		42		*3/4" Flat Washer	As Req.
	94872-002	Right Hand Dana 302T Axle		43		*3/4"-10 UNC Locknut	2
13		Axle Spacer, 9" Ride Height Only	2	44		*5/8"-11 UNC Lower Shock Bolt	2
		<i>See Selection Guide on Page 4</i>		45		*5/8" Hardened Washer	4
14		U-beam Assembly, Includes Key Nos. 2, 15	1	46		*5/8"-11 UNC-2B Locknut	2
	67249-016	Front, Single			58525-058	Height Control Valve Assembly Service Kits,	
	67249-015	Rear				Includes Key Nos. 47-49	
	34013-114	Single D-pin Bushing Service Kit,		47	57977-000	Height Control Valve Assembly	1
		Includes Key Nos. 15-18		48	58994-005L	Linkage Assembly	1
15		*D-pin Bushing	2	49	60921-002	Linkage Bracket	1
	56659-010	D-pin Fastener Service Kit, Axle Set,		50	64508-XXX	***S-cam Support Bracket, <i>Locate Part No. on component</i>	2
		Includes Key Nos. 16-18				S-cam Fastener Service Kit, Axle Set	
16		*7/8"-14 UNF x 5.0" Bolt	4			Includes Key Nos. 51a, 52-56	
17		*7/8" Flat Washer	8		58821-017	Includes Key Nos. 51b, 52-55	
18		*7/8"-14 UNF Locknut	4		34013-460		
		Air Spring Service Kits, Single		51a		*3/8"-16 UNC x 1 1/4" Hex Bolt	4
	60961-665	Includes Key Nos. 19-25		b		*3/8"-16 UNC x 1 1/2" Hex Bolt	4
	49177-039	Includes Key Nos. 20-24		52		*3/8" Hardened Washer	8
	49177-023	Includes Key Nos. 21-24		53		*3/8"-16 UNC Locknut	4
	68056-002	Includes Key Nos. 19, 21-25		54		*5/16" S-cam U-bolt	2
19	67044-002L	Air Spring Only	2	55		*5/16" Hardened Washer	8
20	60911-002	Lower Air Spring Bracket	2	56		*5/16"-18 UNC Locknut	4
21		*1/2" Hardened Washer	4	57	30272-000	Pressure Protection Valve (Not Shown)	1
22		*1/2"-13 UNC Locknut	4	58	70867-001	P-80 Lubricant - 10 ml (Not Shown)	per Bushing 1
23		*3/4" Flat Washer	2				

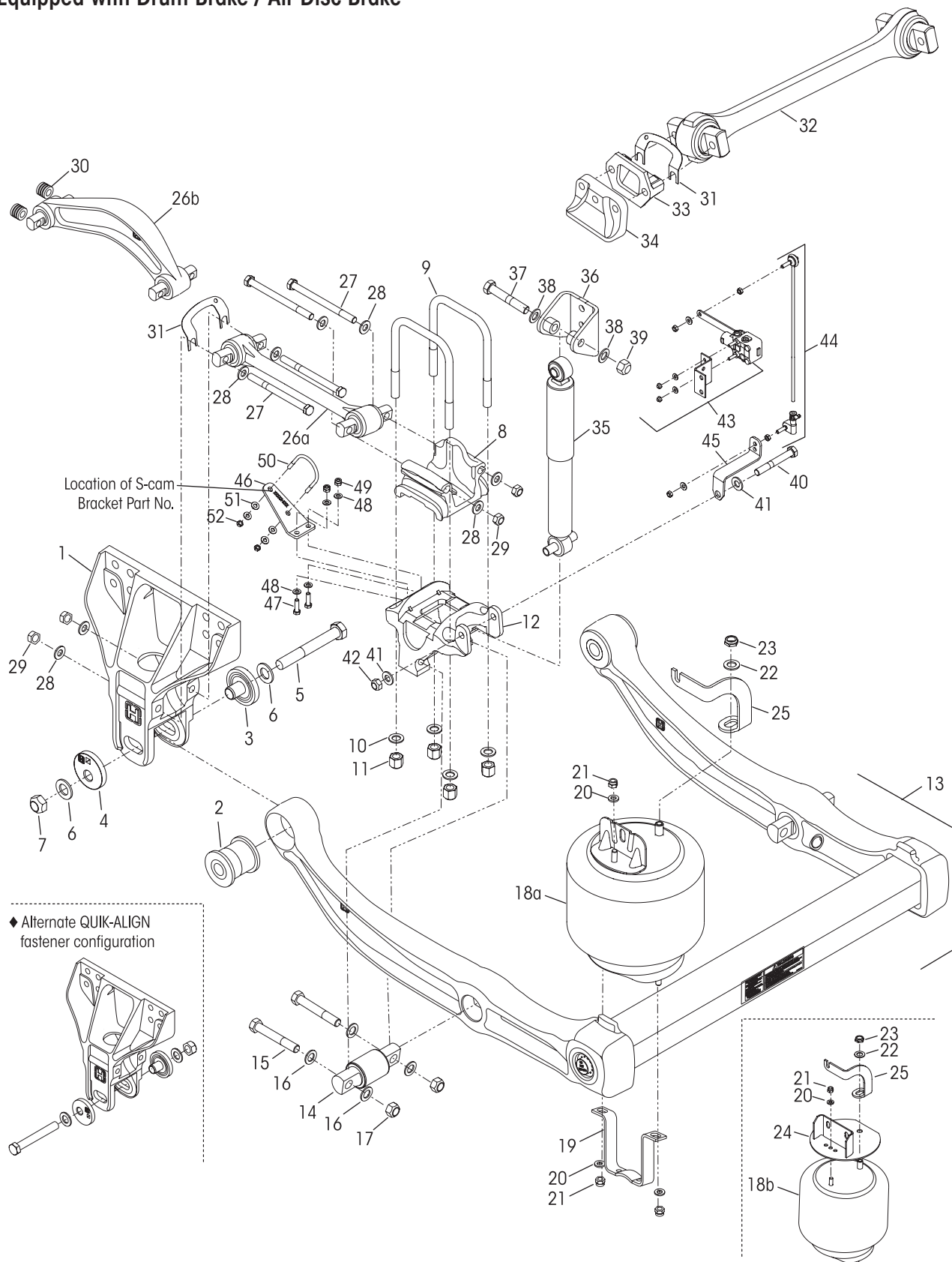
Ferrara | Small Clamp Group

9½", 10" Ride Height

Equipped with Drum Brake / Air Disc Brake

FIREMAAX EX 24K • 48K | 27KS

S – designates Small Clamp Group





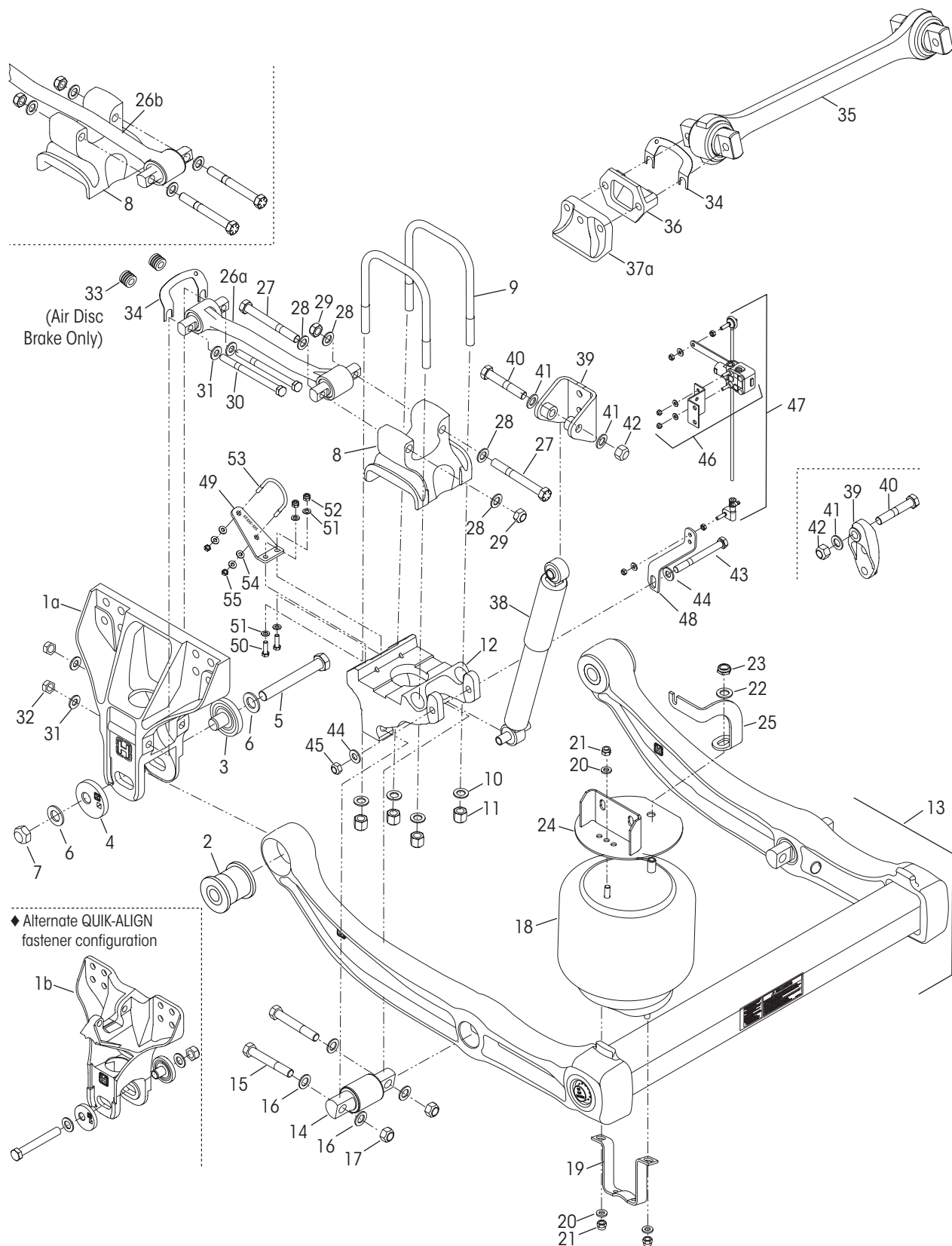
KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	67706-000	Frame Hanger	2	20		*½" Hardened Washer	4
		QUIK-ALIGN Pivot Bushing Service Kits,		21		*½"-13 UNC Locknut	4
	60961-720	Includes Key Nos. 2-7, 53		22		*¾" Flat Washer	2
	60632-020	One Wheel End		23		*¾"-16 UNF Locknut	2
		QUIK-ALIGN Collar Service Kits,		24	65868-000	Upper Air Spring Bracket – 27KS, 54KS	2
	60632-019	Includes Key Nos. 3-7		25a	59479-003	Air Spring Gusset	1
	60632-021	One Wheel End		b	59479-004	Air Spring Gusset	1
	60632-018	QUIK-ALIGN Fastener Service Kit, One Wheel End,		26		Longitudinal Torque Rod Assembly with Bushings 2	
		Includes Key Nos. 5-7				<i>Specify length in mm</i>	
2		*QUIK-ALIGN Pivot Bushing	2	a	67428-XXX	Equipped with Drum Brake	
3		*QUIK-ALIGN Concentric Collar	2	b	67219-435	Equipped with Air Disc Brake	
4		*QUIK-ALIGN Eccentric Collar	2		68801-205	Front	
5		*1"-14 UNF-2A x 7½" Hendrickson Coated Hex Bolt	2			Rear	
6		*1" Hendrickson Coated Hardened Washer	4		49176-XXX	Longitudinal Torque Rod Fastener Service Kit,	
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2			<i>See Selection Guide on Page 7</i>	
8		Top Pad	2	27		*5⁄8"-11 UNC-2B Bolt	8
	65289-000	Equipped with Drum Brake		28		*5⁄8" Hardened Washer	16
	65289-XXX	Equipped with Air Disc Brake, <i>See Selection Guide on Page 6</i>		29		*5⁄8"-11 UNC-2A Locknut	8
		U-bolt Service Kits, One Wheel End, Includes		30		Torque Rod Spacer (4 Pack)	As Req.
		Kit No. 48718-501			34013-273	½" – 24K • 27K S	
	91430-047	9½" Ride Height, Includes Key No. 9a			34013-274	¼" – 48K	
	91430-048	10" Ride Height, Includes Key No. 9b		31		Shim, 1.52 mm	As Req.
9		*¾" Square U-bolt	4		49689-000L	Single	
a		8⅞" Length			34013-343	2 Pack	
b		10⅜" Length			34013-234	4 Pack	
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,			34013-342	6 Pack	
		Includes Key Nos. 10-11		32	8230-0000-XXX	**TRAAX ROD Transverse Torque Rod	1
10		*¾" Flat Washer	8			Assembly, Includes Bushings	
11		*¾"-16 UNF U-bolt Locknut	8	33	22186-000	Transverse Torque Rod Frame Bracket	1
12	60556-XXX	Bottom Cap, <i>See Graphic on Page 6</i>	2	34		Axle Stop, <i>See Selection Guide on Page 3</i>	1
13		U-beam Assembly, Includes Key Nos. 2, 14	1	35		Shock Absorber, <i>Locate Part No. on component</i>	2
	67249-004	Front, Single		36		Upper Shock Frame Bracket	2
	67249-003	Rear				<i>See Selection Guide on Page 3</i>	
		Single D-pin Bushing Service Kits,				Single Shock Absorber Fastener Service Kit,	
	34013-107	Includes Key Nos. 14, 15a, 16-17				Includes Key Nos. 37-42, <i>See Selection Guide on Page 3</i>	
	34013-201	Includes Key Nos. 14, 15b, 16-17		37		*¾"-10 UNC Upper Shock Bolt	2
	34013-116	Includes Key Nos. 14, 15c, 16-17		38		*¾" Flat Washer	As Req.
14		*D-pin Bushing	2	39		*¾"-10 UNC Locknut	2
		D-pin Fastener Service Kits, Axle Set,		40		*5⁄8"-11 UNC Lower Shock Bolt	2
	56659-009	Includes Key Nos. 15a, 16-17		41		*5⁄8" Hardened Washer	4
	56659-014	Includes Key Nos. 15b, 16-17		42		*5⁄8"-11 UNC-2B Locknut	2
	56659-013	Includes Key Nos. 15c, 16-17			58525-019	Height Control Valve Assembly Service Kit,	
15		*¾"-16 UNF Bolt	4			Includes Key Nos. 43-45	
a		5" Length		43	57977-000	Height Control Valve Assembly	1
b		5¼" Length		44	58994-005L	Linkage Assembly	1
c		5½" Length		45	60921-000	Linkage Bracket	1
16		*¾" Flat Washer	8	46	64508-000	***S-cam Support Bracket, <i>Locate Part No. on component</i>	2
17		*¾"-16 UNF Locknut	4		58821-017	S-cam Fastener Service Kit, Axle Set,	
		Air Spring Service Kits, Single				Includes Key Nos. 47-52	
	60961-229	Includes Key Nos. 18a, 19-23		47		*3⁄8"-16 UNC x 1 ¼" Hex Bolt	4
	60961-665	Includes Key Nos. 18b, 19-24		48		*3⁄8" Hardened Washer	8
	68056-002	Includes Key Nos. 18b, 20-24		49		*3⁄8"-16 UNC Locknut	4
	49177-039	Includes Key Nos. 19-23		50		*5⁄16" S-cam U-bolt	2
	49177-023	Includes Key Nos. 20-23		51		*5⁄16" Hardened Washer	8
18		Air Spring	2	52		*5⁄16"-18 UNC Locknut	4
a	67392-002	24K•48K Air Spring w/Upper Bracket		53	70867-001	P-80 Lubricant - 10 ml (Not Shown)	per Bushing 1
b	67044-002L	27KS•54KS, Air Spring Only					
19	60911-002	Lower Air Spring Bracket	2				

Ferrara | Large Clamp Group

9½", 10", 10½" Ride Height

Equipped with Drum Brake / Air Disc Brake

FIREMAAX EX 27K • 31K • 54K • 62K





KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1		Frame Hanger	2	24	65868-000	Upper Air Spring Bracket	2
a	67706-000	Equipped with Drum Brake		25a	59479-003	Air Spring Gusset	1
b	60821-001	Equipped with Disc Brake		b	59479-004	Air Spring Gusset	1
		QUIK-ALIGN Pivot Bushing Service Kits,		26		Longitudinal Torque Rod Assembly with Bushings 2	
		Includes Key Nos. 2-7, 56				<i>Specify length in mm</i>	
	60961-720	One Wheel End		a	65302-XXX	Equipped with Drum Brake	
	60632-020	Axle Set		b	66359-XXX	Equipped with Air Disc Brake	
		QUIK-ALIGN Collar Service Kits,			49176-XXX	Longitudinal Torque Rod Fastener Service Kit,	
		Includes Key Nos. 3-7				<i>See Selection Guide on Page 7</i>	
	60632-019	One Wheel End		27		*3/4"-16 UNF Hex Bolt	4
	60632-021	Axle Set		28		*3/4" Flat Washer	8
	60632-018	QUIK-ALIGN Fastener Service Kit, One Wheel End,		29		*3/4"-16 UNF Locknut	4
		Includes Key Nos. 5-7		30		*5/8"-11 UNC-2B Bolt	8
2		*QUIK-ALIGN Pivot Bushing	2	31		*5/8" Hardened Washer	16
3		*QUIK-ALIGN Concentric Collar	2	32		*5/8"-11 UNC-2A Locknut	8
4		*QUIK-ALIGN Eccentric Collar	2	33		Torque Rod Spacer, Disc Brake Only	As Req.
5		*1"-14 UNF-2A x 7 1/2" Hendrickson Coated Hex Bolt	2		34013-435	10 1/2" Ride Height (8 Pack)	
6		*1" Hendrickson Coated Hardened Washer	4		67057-002	9 1/2" Ride Height	
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2	34		Shim, 1.52 mm	As Req.
8	65210-XXX	Top Pad, <i>See Selection Guide on Page 4</i>	2		49689-000L	Single	
		<i>Replaces 65273-XXX</i>			34013-343	2 Pack	
		U-bolt Service Kits, One Wheel End, Includes			34013-234	4 Pack	
		Kit No. 48718-501			34013-342	6 Pack	
	91430-042	Includes Key No. 9a		35	8230-0000-XXX	**TRAAX ROD Transverse Torque Rod	1
	91430-043	Includes Key No. 9b				Assembly, Includes Bushings	
9		*3/4" Square U-bolt	4	36	22186-000	Transverse Torque Rod Frame Bracket	2
a		10" Length		37		Axle Stop, <i>See Selection Guide on Page 3</i>	1
b		10 1/2" Length		38		Shock Absorber, <i>Locate Part No. on component</i>	2
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,		39		Upper Shock Frame Bracket	2
		Includes Key Nos. 10-11				<i>See Selection Guide on Page 3</i>	
10		*3/4" Flat Washer	8			Single Shock Absorber Fastener Service Kit,	
11		*3/4"-16 UNF U-bolt Locknut	8			Includes Key Nos. 40-45, <i>See Selection Guide</i>	
12		Bottom Cap, <i>See Selection Guide on Page 4</i>	2			<i>on Page 3</i>	
13		U-beam Assembly, Includes Key Nos. 2, 14	1	40		*3/4"-10 UNC Upper Shock Bolt	2
	67249-006	Front, Single		41		*3/4" Flat Washer	As Req.
	67249-005	Rear		42		*3/4"-10 UNC Locknut	2
	34013-114	Single D-pin Bushing Service Kit,		43		*5/8"-11 UNC Lower Shock Bolt	2
		Includes Key Nos. 14-17		44		*5/8" Hardened Washer	4
14		*D-pin Bushing	2	45		*5/8"-11 UNC-2B Locknut	2
	56659-010	D-pin Fastener Service Kit, Axle Set,			58525-058	Height Control Valve Assembly Service Kit,	
		Includes Key Nos. 15-17				Includes Key Nos. 46-48	
15		*7/8"-14 UNF x 5.0" Bolt	4	46	57977-000	Height Control Valve Assembly	1
16		*7/8" Flat Washer	8	47	58994-005L	Linkage Assembly	1
17		*7/8"-14 UNF Locknut	4	48	60921-002	Linkage Bracket	1
		Air Spring Service Kits, Single		49	64508-003	***S-cam Support Bracket, <i>Locate Part No.</i>	2
	60961-665	Includes Key Nos. 18-24				<i>on component</i>	
	49177-039	Includes Key Nos. 19-23			34013-460	S-cam Fastener Service Kit, Axle Set,	
	49177-023	Includes Key Nos. 20-23				Includes Key Nos. 50-55	
	68056-002	Includes Key Nos. 18, 20-24		50		*3/8"-16 UNC x 1 1/2" Hex Bolt	4
18	67044-002L	Air Spring Only	2	51		*3/8" Hardened Washer	8
19	60911-002	Lower Air Spring Bracket	2	52		*3/8"-16 UNC Locknut	4
20		*1/2" Hardened Washer	4	53		*5/16" S-cam U-bolt	2
21		*1/2"-13 UNC Locknut	4	54		*5/16" Hardened Washer	8
22		*3/4" Flat Washer	2	55		*5/16"-18 UNC Locknut	4
23		*3/4"-16 UNF Locknut	2	56	70867-001	P-80 Lubricant - 10 ml (Not Shown)	per Bushing 1

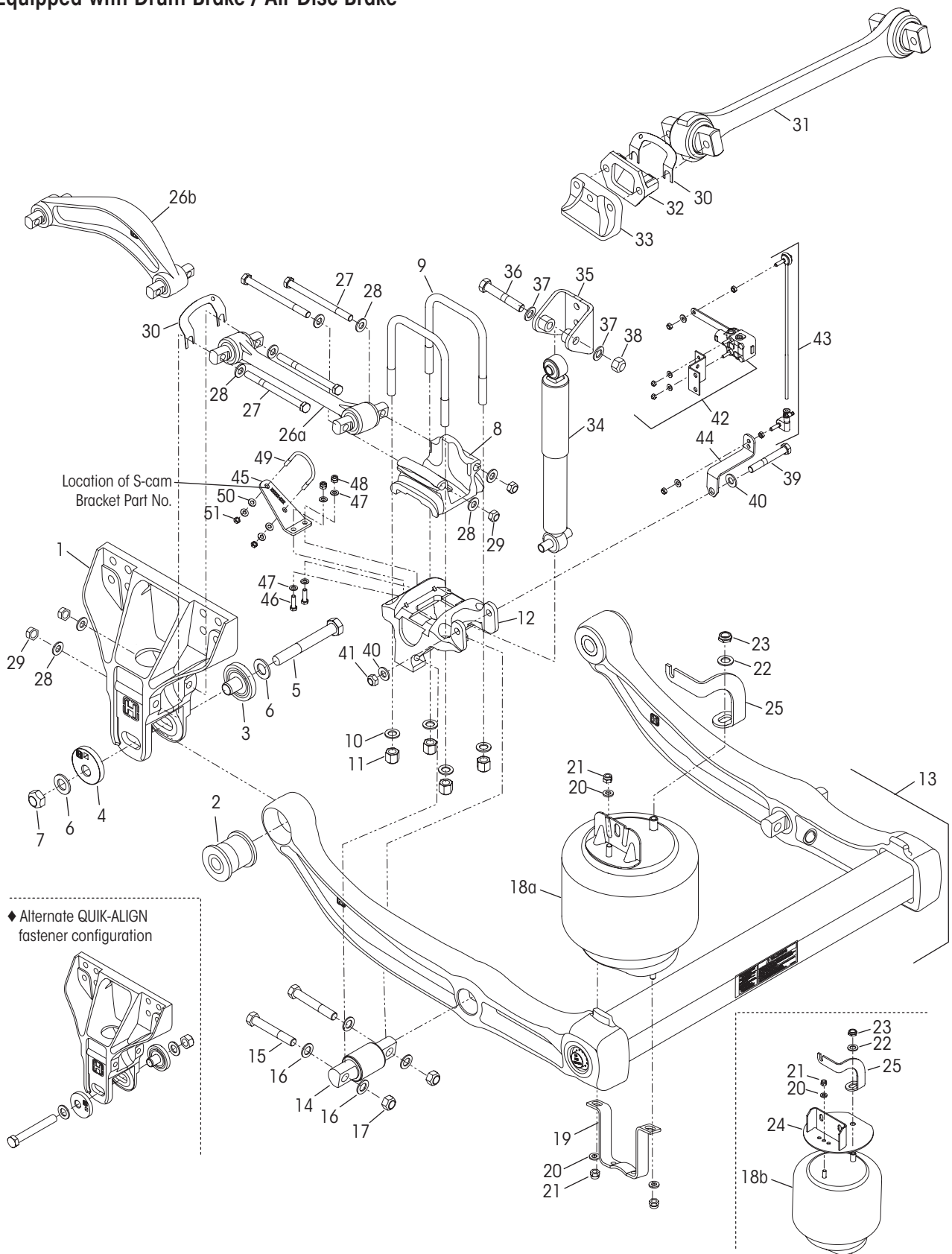
HME | Small Clamp Group

10" Ride Height

Equipped with Drum Brake / Air Disc Brake

FIREMAAX EX 24K | 27KS • 54KS

S – designates Small Clamp Group





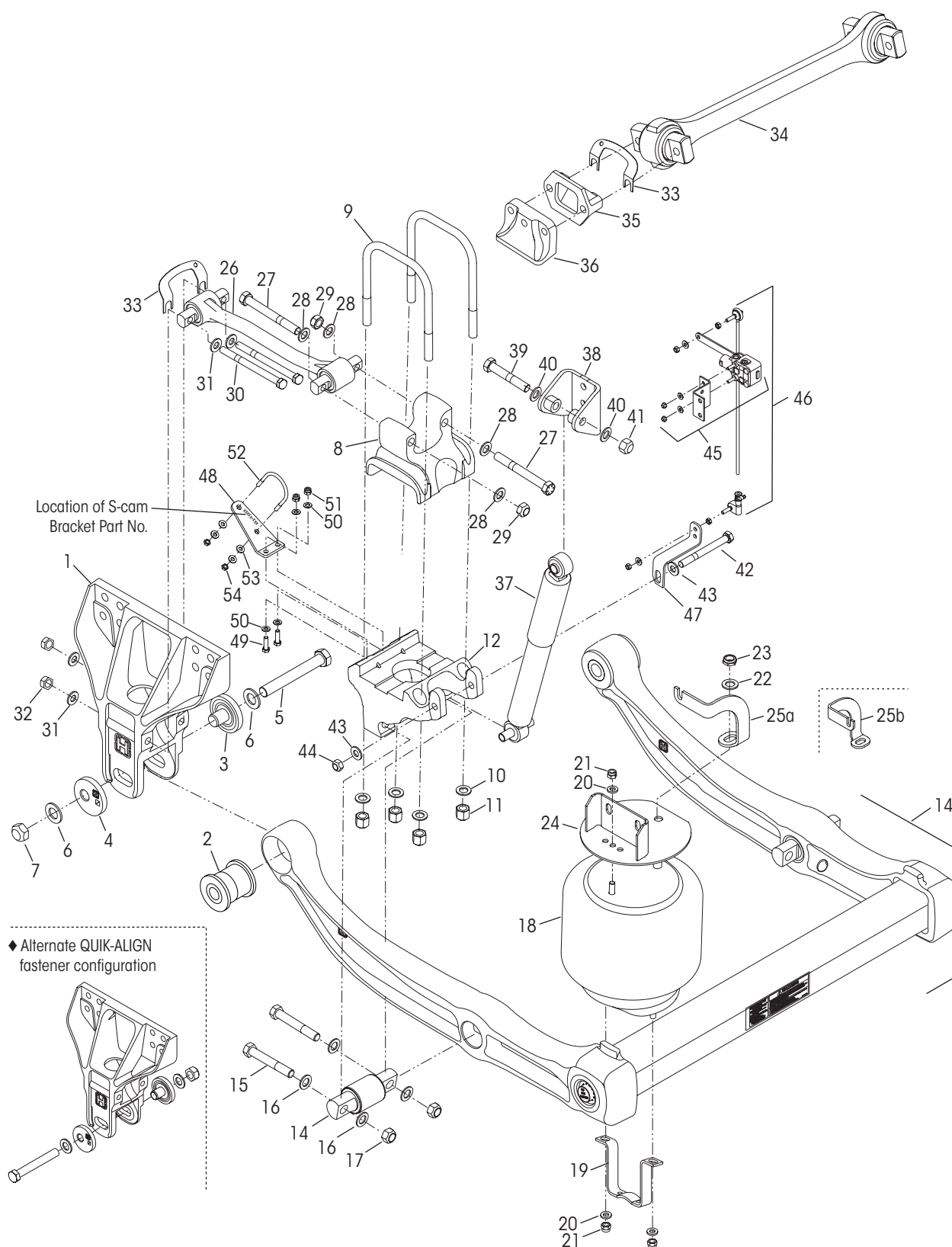
KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	67706-000	Frame Hanger	2	19	60911-002	Lower Air Spring Bracket	2
		QUIK-ALIGN Pivot Bushing Service Kits,		20		*1/2" Hardened Washer	4
	60961-720	Includes Key Nos. 2-7, 52		21		*1/2"-13 UNC Locknut	4
	60632-020	One Wheel End		22		*3/4" Flat Washer	2
		Axle Set		23		*3/4"-16 UNF Locknut	2
		QUIK-ALIGN Collar Service Kits,		24	65868-000	Upper Air Spring Bracket – 27KS, 54KS	2
	60632-019	Includes Key Nos. 3-7		25a	59479-003	Air Spring Gusset	1
	60632-021	One Wheel End		b	59479-004	Air Spring Gusset	1
	60632-018	Axle Set		26		Longitudinal Torque Rod Assembly with Bushings 2	
		QUIK-ALIGN Fastener Service Kit, One Wheel End,				<i>Specify length in mm</i>	
		Includes Key Nos. 5-7		a	67428-XXX	Equipped with Drum Brake	
2		*QUIK-ALIGN Pivot Bushing	2	b	67219-XXX	Equipped with Air Disc Brake	
3		*QUIK-ALIGN Concentric Collar	2		49176-XXX	Longitudinal Torque Rod Fastener Service Kit,	
4		*QUIK-ALIGN Eccentric Collar	2			<i>See Selection Guide on Page 7</i>	
5		*1"-14 UNF-2A x 7 1/2" Hendrickson Coated Hex Bolt	2	27		*5/8"-11 UNC-2B Bolt	8
6		*1" Hendrickson Coated Hardened Washer	4	28		*5/8" Hardened Washer	16
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2	29		*5/8"-11 UNC-2A Locknut	8
8		Top Pad	2	30		Shim, 1.52 mm	As Req.
	65289-000	Equipped with Drum Brake			49689-000L	Single	
	65289-XXX	Equipped with Air Disc Brake, <i>See Selection Guide on Page 6</i>			34013-343	2 Pack	
					34013-234	4 Pack	
	91430-047	U-bolt Service Kits, One Wheel End, Includes Kit No. 48718-501 and Key No. 9			34013-342	6 Pack	
9		*3/4" x 8 7/8" Square U-bolt	4	31	8230-0000-XXX	**TRAAX ROD Transverse Torque Rod Assembly, Includes Bushings	1
	48718-501	U-bolt Fasteners Service Kit, One Wheel End, Includes Key Nos. 10-11		32	22186-000	Transverse Torque Rod Frame Bracket	1
10		*3/4" Flat Washer	8	33		Axle Stop, <i>See Selection Guide on Page 3</i>	1
11		*3/4"-16 UNF U-bolt Locknut	8	34		Shock Absorber, <i>Locate Part No. on component</i>	2
12	60556-XXX	Bottom Cap, <i>See Graphic on Page 6</i>	2	35		Upper Shock Frame Bracket	2
13		U-beam Assembly, Includes Key Nos. 2, 14	1			Single Shock Absorber Fastener Service Kit, Includes Key Nos. 36-41, <i>See Selection Guide on Page 3</i>	
	67249-004	Front, Single		36		*3/4"-10 UNC Upper Shock Bolt	2
	67249-003	Rear		37		*3/4" Flat Washer	As Req.
		Single D-pin Bushing Service Kits,		38		*3/4"-10 UNC Locknut	2
	34013-107	Includes Key Nos. 14, 15a, 16-17		39		*5/8"-11 UNC Lower Shock Bolt	2
	34013-201	Includes Key Nos. 14, 15b, 16-17		40		*5/8" Hardened Washer	4
	34013-116	Includes Key Nos. 14, 15c, 16-17		41		*5/8"-11 UNC-2B Locknut	2
14		*D-pin Bushing	2		58525-019	Height Control Valve Assembly Service Kit, Includes Key Nos. 42-44	
		D-pin Fastener Service Kits, Axle Set,		42	57977-000	Height Control Valve Assembly	1
	56659-009	Includes Key Nos. 15a, 16-17		43	58994-005L	Linkage Assembly	1
	56659-014	Includes Key Nos. 15b, 16-17		44	60921-000	Linkage Bracket	1
	56659-012	Includes Key Nos. 15c, 16-17		45	64508-000	***S-cam Support Bracket, <i>Locate Part No. on component</i>	2
15		*3/4"-16 UNF Bolt	4		58821-017	S-cam Fastener Service Kit, Axle Set, Includes Key Nos. 46-51	
a		5" Length		46		*3/8"-16 UNC x 1 1/4" Hex Bolt	4
b		5 1/4" Length		47		*3/8" Hardened Washer	8
c		4 3/4" Length		48		*3/8"-16 UNC Locknut	4
16		*3/4" Flat Washer	8	49		*5/16" S-cam U-bolt	2
17		*3/4"-16 UNF Locknut	4	50		*5/16" Hardened Washer	8
		Air Spring Service Kits, Single		51		*5/16"-18 UNC Locknut	4
	60961-229	Includes Key Nos. 18a, 19-21		52	70867-001	P-80 Lubricant - 10 ml (Not Shown) per Bushing	1
	60961-665	Includes Key Nos. 18b, 19-24					
	68056-002	Includes Key Nos. 18b, 20-24					
	49177-039	Includes Key Nos. 19-23					
	49177-023	Includes Key Nos. 20-23					
18		Air Spring	2				
a	67392-002	24K•48K Air Spring w/Upper Bracket					
b	67044-002L	27KS•54KS, Air Spring Only					

HME | Large Clamp Group

10" Ride Height

Equipped with Drum Brake

FIREMAAX EX 31K





VEHICLE				VEHICLE			
KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1	67706-000	Frame Hanger	2	24	65868-000	Upper Air Spring Bracket	2
		QUIK-ALIGN Pivot Bushing Service Kits,		25a	59479-003	Air Spring Gusset	2
	60961-720	Includes Key Nos. 2-7, 55		b	59479-004	Air Spring Gusset	2
	60632-020	One Wheel End		26	65302-XXX	Longitudinal Torque Rod Assembly with Bushings	2
		Axle Set				<i>Specify length in mm</i>	
		QUIK-ALIGN Collar Service Kits,			49176-XXX	Longitudinal Torque Rod Fastener Service Kit,	
		Includes Key Nos. 3-7				<i>See Selection Guide on Page 7</i>	
	60632-019	One Wheel End		27		*5/8"-11 UNC-2B Bolt	8
	60632-021	Axle Set		28		*5/8" Hardened Washer	16
	60632-018	QUIK-ALIGN Fastener Service Kit, One Wheel End,		29		*5/8"-11 UNC-2A Locknut	8
		Includes Key Nos. 5-7		30		*3/4"-16 UNF Hex Bolt	4
2		*QUIK-ALIGN Pivot Bushing	2	31		*3/4" Flat Washer	8
3		*QUIK-ALIGN Concentric Collar	2	32		*3/4"-16 UNF Locknut	4
4		*QUIK-ALIGN Eccentric Collar	2	33		Shim, 1.52 mm	As Req.
5		*1"-14 UNF-2A x 7 1/2" Hendrickson Coated Hex Bolt	2		49689-000L	Single	
6		*1" Hendrickson Coated Hardened Washer	4		34013-343	2 Pack	
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2		34013-234	4 Pack	
8	65210-XXX	Top Pad, <i>See Selection Guide on Page 4</i>	2		34013-342	6 Pack	
		U-bolt Service Kits, One Wheel End, Includes		34	8230-0000-XXX	**TRAAX ROD Transverse Torque Rod	1
		Kit No. 48718-501				Assembly, Includes Bushings	
	91430-042	10" Ride Height, Outboard, Includes Key No. 9a		35	22186-000	Transverse Torque Rod Frame Bracket	1
	91430-043	10" Ride Height, Inboard, Includes Key No. 9b		36		Axle Stop, <i>See Selection Guide on Page 3</i>	1
9		*3/4" Square U-bolt	4	37		Shock Absorber, <i>Locate Part No. on component</i>	2
a		10" Length		38		Upper Shock Frame Bracket	2
b		10.5" Length				<i>See Selection Guide on Page 3</i>	
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,				Single Shock Absorber Fastener Service Kit,	
		Includes Key Nos. 10-11				Includes Key Nos. 39-44, <i>See Selection Guide</i>	
10		*3/4" Flat Washer	8			<i>on Page 3</i>	
11		*3/4"-16 UNF U-bolt Locknut	8	39		*3/4"-10 UNC Upper Shock Bolt	2
12	65208-XXX	Bottom Cap, 40" Beam Spacing, <i>See</i>	2	40		*3/4" Flat Washer	As Req.
		<i>Selection Guide on Page 4</i>		41		*3/4"-10 UNC Locknut	2
13	67249-006	U-beam Assembly, Includes Key Nos. 2, 14	1	42		*5/8"-11 UNC Lower Shock Bolt	2
	34013-114	Single D-pin Bushing Service Kit,		43		*5/8" Hardened Washer	4
		Includes Key Nos. 14-17		44		*5/8"-11 UNC-2B Locknut	2
14		*D-pin Bushing	2		58525-019	Height Control Valve Assembly Service Kits,	
	56659-010	D-pin Fastener Service Kit, Axle Set,				Includes Key Nos. 45-47	
		Includes Key Nos. 15-17		45	57977-000	Height Control Valve Assembly	1
15		*7/8"-14 UNF x 5.0" Bolt	4	46	58994-005L	Linkage Assembly	1
16		*7/8" Flat Washer	8	47	60921-000	Linkage Bracket	1
17		*7/8"-14 UNF Locknut	4	48	64508-XXX	***S-cam Support Bracket, <i>Locate Part No.</i>	2
		Air Spring Service Kits, Single				<i>on component</i>	
	60961-665	Includes Key Nos. 18-24			34013-460	S-cam Fastener Service Kit, Axle Set	
	49177-039	Includes Key Nos. 19-23				Includes Key Nos. 49-54	
	49177-023	Includes Key Nos. 20-23		49		*3/8"-16 UNC x 1 1/2" Hex Bolt	4
	68056-002	Includes Key Nos. 18, 20-24		50		*3/8" Hardened Washer	8
18	67044-002L	Air Spring Only	2	51		*3/8"-16 UNC Locknut	4
19	60911-002	Lower Air Spring Bracket	2	52		*5/16" S-cam U-bolt	2
20		*1/2" Hardened Washer	4	53		*5/16" Hardened Washer	8
21		*1/2"-13 UNC Locknut	4	54		*5/16"-18 UNC Locknut	4
22		*3/4" Flat Washer	2	55	70867-001	P-80 Lubricant - 10 ml (Not Shown)	per Bushing 1
23		*3/4"-16 UNF Locknut	2				

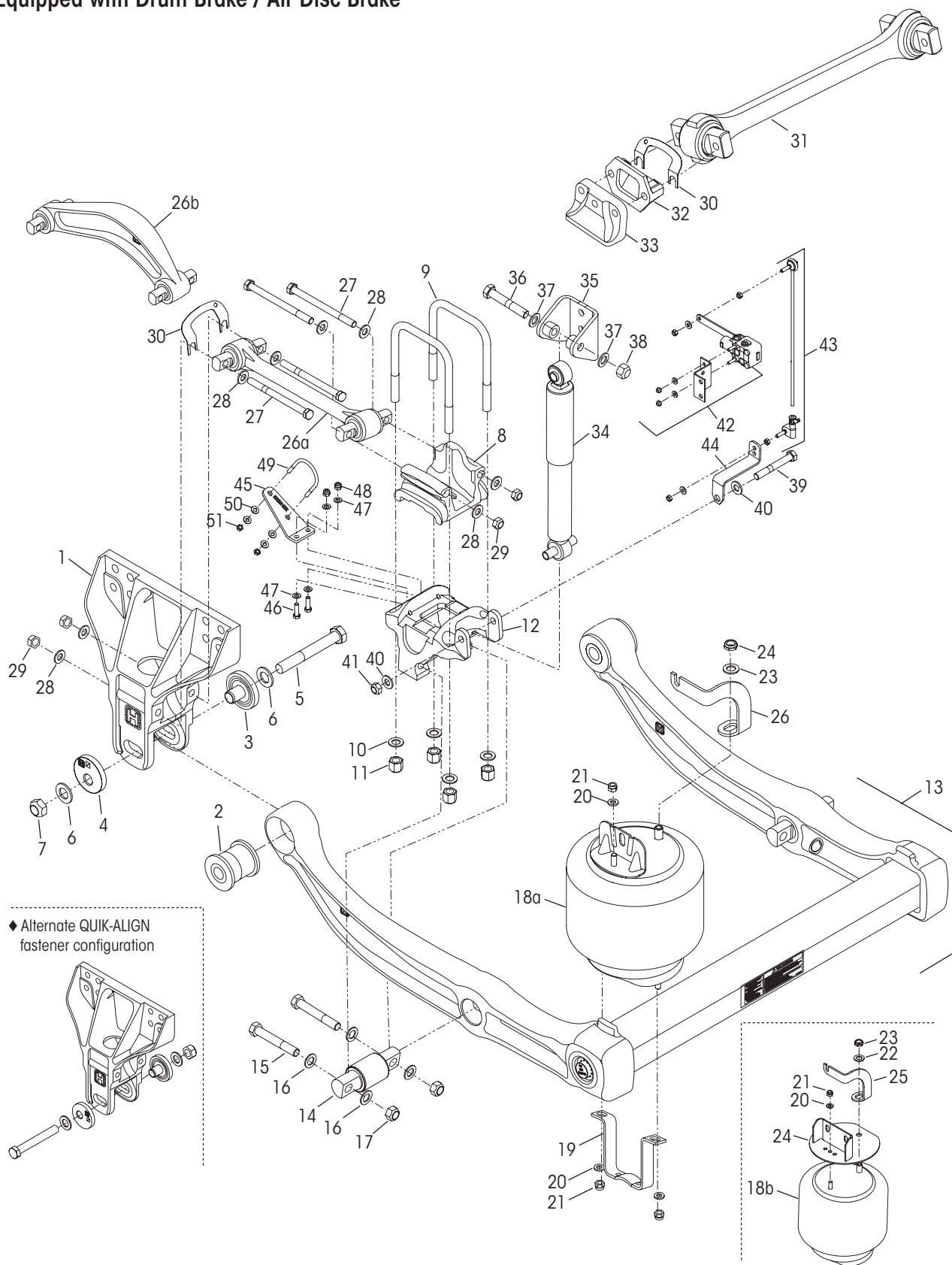
KME | Small Clamp Group

10" Ride Height

Equipped with Drum Brake / Air Disc Brake

FIREMAAX EX 24K • 48K | 27KS

S – designates Small Clamp Group





VEHICLE				VEHICLE			
KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1	67706-000	Frame Hanger	2	24	65868-000	Upper Air Spring Bracket – 27KS	2
		QUIK-ALIGN Pivot Bushing Service Kits,		25		Air Spring Gusset	2
	60961-720	Includes Key Nos. 2-7, 52		a	59479-003	Left Hand, 24K•48K	
	60632-020	One Wheel End		b	59479-004	Right Hand, 24K•48K	
		Axle Set		c	59479-005	Left Hand, 24K•48K•27KS	
		QUIK-ALIGN Collar Service Kits,		d	59479-006	Right Hand, 24K•48K•27KS	
	60632-019	Includes Key Nos. 3-7		26		Longitudinal Torque Rod Assembly with Bushings 2	
	60632-021	One Wheel End			67428-435	Equipped with Drum Brake	
	60632-018	Axle Set			68801-101	Equipped with Air Disc Brake	
		QUIK-ALIGN Fastener Service Kit, One Wheel End,			49176-XXX	Longitudinal Torque Rod Fastener Service Kit,	
		Includes Key Nos. 5-7				<i>See Selection Guide on Page 7</i>	
2		*QUIK-ALIGN Pivot Bushing	2	27		*5/8"-11 UNC-2B Bolt	8
3		*QUIK-ALIGN Concentric Collar	2	28		*5/8" Hardened Washer	16
4		*QUIK-ALIGN Eccentric Collar	2	29		*5/8"-11 UNC-2A Locknut	8
5		*1"-1 4 UNF-2A x 7 1/2" Hendrickson Coated Hex Bolt	2	30		Shim, 1.52 mm	As Req.
6		*1" Hendrickson Coated Hardened Washer	4		49689-000L	Single	
7		*1"-1 4 UNF-2B Hendrickson Coated Locknut	2		34013-343	2 Pack	
8		Top Pad	2		34013-234	4 Pack	
	65289-000	Equipped with Drum Brake			34013-342	6 Pack	
	65289-XXX	Equipped with Air Disc Brake, <i>See Selection Guide on Page 6</i>		31	8230-0000-XXX	**TRAAX ROD Transverse Torque Rod	1
						Assembly, Includes Bushings	
	91430-047	U-bolt Service Kit, One Wheel End, Includes		32	22186-000	Transverse Torque Rod Frame Bracket	1
		Key No. 9 and Kit No. 48718-501		33		Axle Stop, <i>See Selection Guide on Page 3</i>	1
9		*3/4" x 8 7/8" Square U-bolt	4	34		Shock Absorber, <i>Locate Part No. on component</i>	2
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,		35		Upper Shock Frame Bracket	2
		Includes Key Nos. 10-11				<i>See Selection Guide on Page 3</i>	
10		*3/4" Flat Washer	8			Single Shock Absorber Fastener Service Kit,	
11		*3/4"-16 UNF U-bolt Locknut	8			Includes Key Nos. 36-41, <i>See Selection Guide on Page 3</i>	
12	60556-XXX	Bottom Cap, <i>See Graphic on Page 6</i>	2	36		*3/4"-10 UNC Upper Shock Bolt	2
13	67249-004	U-beam Assembly, Includes Key Nos. 2, 14	1	37		*3/4" Flat Washer	As Req.
	34013-107	Single D-pin Bushing Service Kit,		38		*3/4"-10 UNC Locknut	2
		Includes Key Nos. 14-17		39		*5/8"-11 UNC Lower Shock Bolt	2
14		*D-pin Bushing	2	40		*5/8" Hardened Washer	4
	56659-009	D-pin Fastener Service Kit, Axle Set,		41		*5/8"-11 UNC-2B Locknut	2
		Includes Key Nos. 15-17			58525-058	Height Control Valve Assembly Service Kit,	
15		*3/4"-16 x 5" UNF Bolt	4			Includes Key Nos. 42-44	
16		*3/4" Flat Washer	8	42	57977-000	Height Control Valve Assembly	1
17		*3/4"-16 UNF Locknut	4	43	58994-005L	Linkage Assembly	1
		Air Spring Service Kits, Single		44	60921-002	Linkage Bracket	1
	60961-229	Includes Key Nos. 18a, 19-23		45	64508-000	***S-cam Support Bracket, <i>Locate Part No. on component</i>	2
	60961-665	Includes Key Nos. 18b, 19-24			58821-017	S-cam Fastener Service Kit, Axle Set,	
	68056-002	Includes Key Nos. 18b, 20-24				Includes Key Nos. 46-51	
	49177-039	Includes Key Nos. 19-23		46		*3/8"-16 UNC x 1 1/4" Hex Bolt	4
	49177-023	Includes Key Nos. 20-23		47		*3/8" Hardened Washer	8
18		Air Spring	2	48		*3/8"-16 UNC Locknut	4
a	67392-002	24K•48K Air Spring w/Upper Bracket		49		*5/16" S-cam U-bolt	2
b	67044-002L	27KS Air Spring Only		50		*5/16" Hardened Washer	8
19	60911-002	Lower Air Spring Bracket	2	51		*5/16"-18 UNC Locknut	4
20		*1/2" Hardened Washer	4	52	70867-001	P-80 Lubricant - 10 ml (Not Shown) per Bushing	1
21		*1/2"-13 UNC Locknut	4				
22		*3/4" Flat Washer	2				
23		*3/4"-16 UNF Locknut	2				

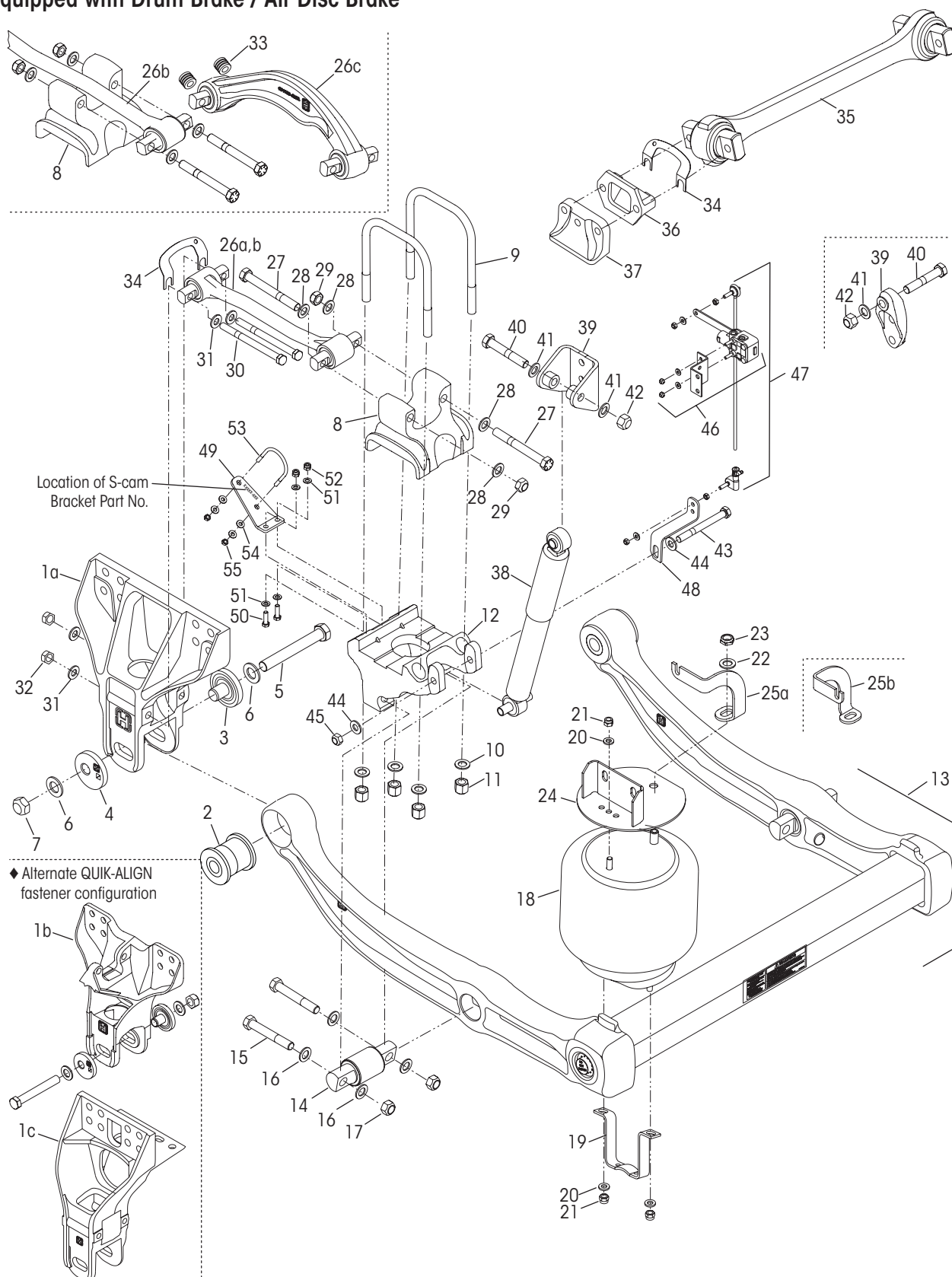
KME | Large Clamp Group

10", 12½" Ride Height

Equipped with Drum Brake / Air Disc Brake

FIREMAAX EX 27K • 31K • 31KT • 54K • 62K • 62KT

T – designates Tall Ride Height





VEHICLE				VEHICLE			
KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1		Frame Hanger	2	26		Longitudinal Torque Rod Assembly with Bushings 2 <i>Specify length in mm</i>	
a	67706-000	Equipped with Drum Brake		a	65302-XXX	Equipped with Drum Brake	
b	60821-001	Equipped with Air Disc Brake		b	66359-XXX	Equipped with Air Disc Brake	
c	67299-001	12½" Ride Height, Left Hand		c	91277-XXX	Equipped with Air Disc Brake	
c	67299-002	12½" Ride Height, Right Hand			49176-XXX	Longitudinal Torque Rod Fastener Service Kit, <i>See Selection Guide on Page 7</i>	
		QUIK-ALIGN Pivot Bushing Service Kits, Includes Key Nos. 2-7, 56		27		*¾"-16 UNF Hex Bolt	4
	60961-720	One Wheel End		28		*¾" Flat Washer	8
	60632-020	Axle Set		29		*¾"-16 UNF Locknut	4
		QUIK-ALIGN Collar Service Kits, Includes Key Nos. 3-7		30		*⅝"-11 UNC-2B Bolt	8
	60632-019	One Wheel End		31		*⅝" Hardened Washer	16
	60632-021	Axle Set		32		*⅝"-11 UNC-2A Locknut	8
	60632-018	QUIK-ALIGN Fastener Service Kit, One Wheel End, Includes Key Nos. 5-7		33		Torque Rod Spacer, Disc Brake Only	As Req.
2		*QUIK-ALIGN Pivot Bushing	2		67045-072	6.35 mm, Single	
3		*QUIK-ALIGN Concentric Collar	2		34013-274	6.35 mm, 4 Pack	
4		*QUIK-ALIGN Eccentric Collar	2		34013-345	8 mm, 4 Pack	
5		*1"-14 UNF-2A x 7½" Hendrickson Coated Hex Bolt	2	34		Shim, 1.52 mm	As Req.
6		*1" Hendrickson Coated Hardened Washer	4		49689-000L	Single	
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2		34013-343	2 Pack	
8	65210-XXX	Top Pad, <i>See Selection Guide on Page 4</i> <i>Replaces 65273-XXX</i>	2		34013-234	4 Pack	
		U-bolt Service Kits, One Wheel End, Includes Kit No. 48718-501			34013-342	6 Pack	
	91430-042	Includes Key No. 9a		35	8230-XXX-XXX	**TRAAX ROD Transverse Torque Rod Assembly Includes Bushings	1
	91430-043	Includes Key No. 9b		36	22186-000	Transverse Torque Rod Frame Bracket	1
9		*¾" Square U-bolt	4	37		Axle Stop, <i>See Selection Guide on Page 3</i>	1
a		10" Length		38		Shock Absorber, <i>Locate Part No. on component</i>	2
b		10½" Length		39		Upper Shock Frame Bracket <i>See Selection Guide on Page 3</i>	2
	48718-501	U-bolt Fasteners Service Kit, One Wheel End, Includes Key Nos. 10-11				Single Shock Absorber Fastener Service Kit, Includes Key Nos. 40-45, <i>See Selection Guide</i> <i>on Page 3</i>	
10		*¾" Flat Washer	8	40		*¾"-10 UNC Upper Shock Bolt	2
11		*¾"-16 UNF U-bolt Locknut	8	41		*¾" Flat Washer	As Req.
12		Bottom Cap, <i>See Selection Guide on Page 4</i>	2	42		*¾"-10 UNC Locknut	2
13	67249-006	U-beam Assembly, Includes Key Nos. 2, 14	1	43		*⅝"-11 UNC Lower Shock Bolt	2
	34013-114	Single D-pin Bushing Service Kit, Includes Key Nos. 14-17		44		*⅝" Hardened Washer	4
14		*D-pin Bushing	2	45		*⅝"-11 UNC-2B Locknut	2
	56659-010	D-pin Fastener Service Kit, Axle Set, Includes Key Nos. 15-17			58525-058	Height Control Valve Assembly Service Kit, Includes Key Nos. 46-48	
15		*⅞"-14 UNF x 5.0" Bolt	4	46	57977-000	Height Control Valve Assembly	1
16		*⅞" Flat Washer	8	47	58994-005L	Linkage Assembly	1
17		*⅞"-14 UNF Locknut	4	48	60921-002	Linkage Bracket	1
		Air Spring Service Kits, Single		49	64508-XXX	***S-cam Support Bracket, <i>Locate Part No.</i> <i>on component</i>	2
	60961-665	Includes Key Nos. 18-24			34013-460	S-cam Fastener Service Kit, Axle Set, Includes Key Nos. 50-55	
	49177-039	Includes Key Nos. 19-23		50		*⅝"-16 UNC x 1½" Hex Bolt	4
	49177-023	Includes Key Nos. 20-23		51		*⅝" Hardened Washer	8
	68056-002	Includes Key Nos. 18, 20-24		52		*⅝"-16 UNC Locknut	4
18	67044-002L	Air Spring Only	2	53		*⅝"-16 S-cam U-bolt	2
19	60911-002	Lower Air Spring Bracket	2	54		*⅝"-16 Hardened Washer	8
20		*½" Hardened Washer	4	55		*⅝"-18 UNC Locknut	4
21		*½"-13 UNC Locknut	4	56	70867-001	P-80 Lubricant - 10 ml (Not Shown) per Bushing	1
22		*¾" Flat Washer	2				
23		*¾"-16 UNF Locknut	2				
24	65868-000	Upper Air Spring Bracket	2				
25a	59479-005	Air Spring Gusset	2				
b	59479-006	Air Spring Gusset	2				

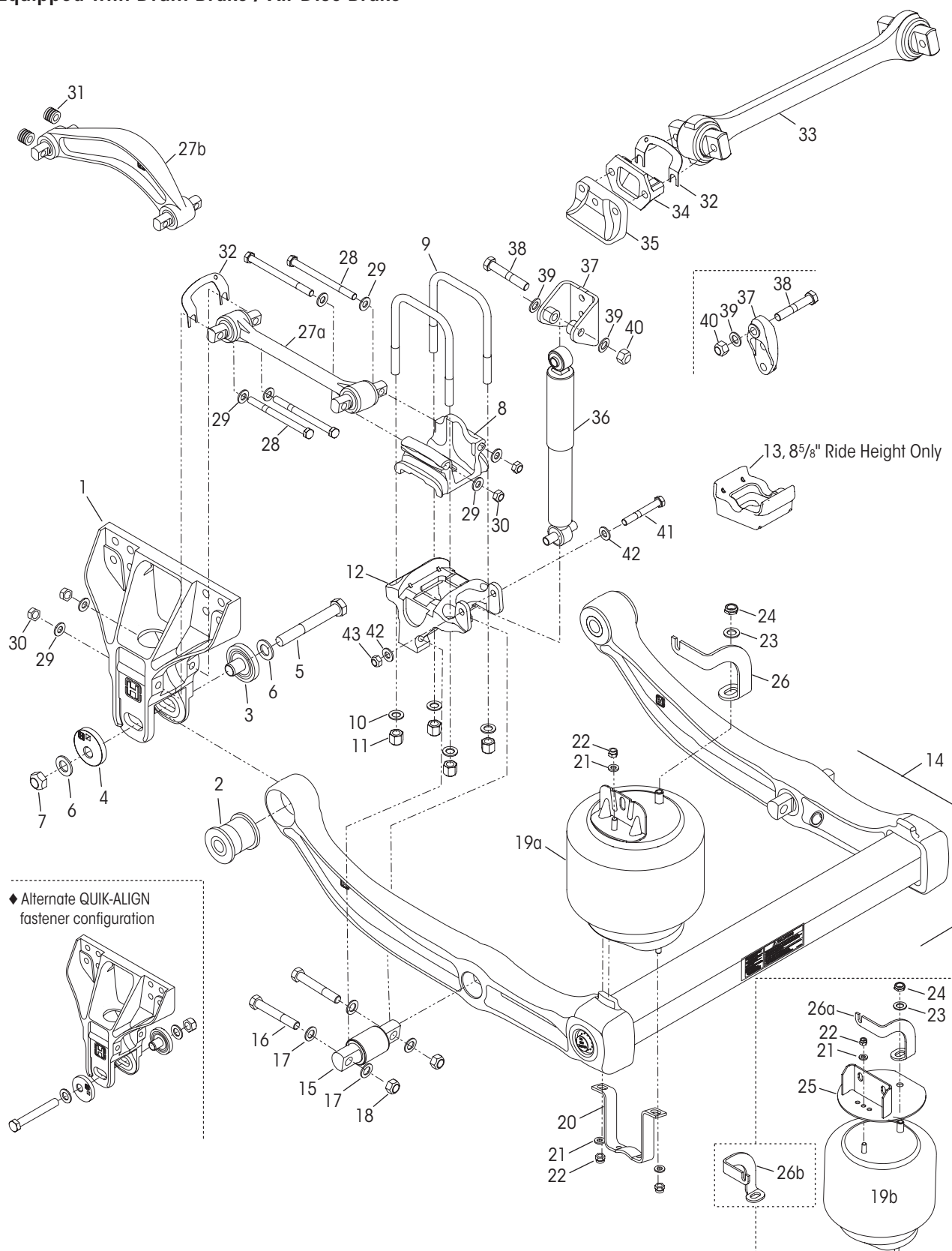
Pierce | Small Clamp Group

8⁵/₈", 9³/₄", 10¹/₂" Ride Height

Equipped with Drum Brake / Air Disc Brake

FIREMAAX EX 24K • 48K • 27KS • 54KS

S – designates Small Clamp Group





VEHICLE				VEHICLE			
KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1	67706-000	Frame Hanger	2			Air Spring Service Kits, Single	
		QUIK-ALIGN Pivot Bushing Service Kits,		60961-229		Includes Key Nos. 19a, 20-24	
	60961-720	Includes Key Nos. 2-7, 44		60961-665		Includes Key Nos. 19b, 20-25	
	60632-020	One Wheel End		68056-002		Includes Key Nos. 19b, 21-25	
		Axle Set		49177-039		Includes Key Nos. 20-24	
		QUIK-ALIGN Collar Service Kits,		49177-023		Includes Key Nos. 21-24	
		Includes Key Nos. 3-7		19		Air Spring	2
	60632-019	One Wheel End		a	67392-002	24K•48K Air Spring with Upper Bracket	
	60632-021	Axle Set		b	67044-002L	27KS • 54KS Air Spring Only	
	60632-018	QUIK-ALIGN Fastener Service Kit, One Wheel End,		20	60911-002	Lower Air Spring Bracket	2
		Includes Key Nos. 5-7		21		*½" Hardened Washer	4
2		*QUIK-ALIGN Pivot Bushing	2	22		*½"-13 UNC Locknut	4
3		*QUIK-ALIGN Concentric Collar	2	23		*¾" Flat Washer	2
4		*QUIK-ALIGN Eccentric Collar	2	24		*¾"-16 UNF Locknut	2
5		*1"-14 UNF-2A x 7½" Hendrickson Coated Hex Bolt	2	25	65868-000	Upper Air Spring Bracket, 27KS • 54KS Only	2
6		*1" Hendrickson Coated Hardened Washer	4	26a	59479-003	Air Spring Gusset	2
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2	b	59479-004	Air Spring Gusset	2
8		Top Pad	2	27		Longitudinal Torque Rod Assembly with Bushings	2
	65289-000	Equipped with Drum Brake				<i>Specify length in mm</i>	
	65289-XXX	Equipped with Air Disc Brake, <i>See Selection Guide on Page 6</i>			67428-XXX	Equipped with Drum Brake	
		U-bolt Service Kits, One Wheel End, Includes			67219-XXX	Equipped with Air Disc Brake	
		Kit No. 48718-501			49176-XXX	Longitudinal Torque Rod Fastener Service Kit,	
	91430-047	Includes Key No. 9a				<i>See Selection Guide on Page 7</i>	
	91430-048	Includes Key No. 9b		28		*⅝"-11 UNC-2B Bolt	8
9		*¾" Square U-bolt	4	29		*⅝" Hardened Washer	16
a		8⅞" Length		30		*⅝"-11 UNC-2A Locknut	8
b		10⅜" Length		31	34013-273	Torque Rod Spacer, ½" (4 Pack)	As Req.
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,		32		Shim, 1.52 mm	As Req.
		Includes Key Nos. 10-11			49689-000L	Single	
10		*¾" Flat Washer	8		34013-343	2 Pack	
11		*¾"-16 UNF U-bolt Locknut	8		34013-234	4 Pack	
12	60556-XXX	Bottom Cap, <i>See Graphic on Page 6</i>	2		34013-342	6 Pack	
13	65139-003	Axle Spacer - 8⅝" Ride Height Only	2	33	8230-0000-XXX	**TRAAX ROD Transverse Torque Rod	1
14		U-beam Assembly, Includes Key Nos. 2, 15	1			Assembly, Includes Bushings	
	67249-004	Front, Single		34	22186-000	Transverse Torque Rod Frame Bracket	1
	67249-003	Rear		35		Axle Stop, <i>See Selection Guide on Page 3</i>	1
		Single D-pin Bushing Service Kits,		36		Shock Absorber, <i>Locate Part No. on component</i>	2
	34013-107	Includes Key Nos. 15, 16a, 17-18		37		Upper Shock Frame Bracket	2
	34013-201	Includes Key Nos. 15, 16b, 17-18				<i>See Selection Guide on Page 3</i>	
15		*D-pin Bushing	2			Single Shock Absorber Fastener Service Kit,	
		D-pin Fastener Service Kits, Axle Set,				Includes Key Nos. 38-43, <i>See Selection Guide on Page 3</i>	
	56659-009	Includes Key Nos. 16a, 17-18		38		*¾"-10 UNC Upper Shock Bolt	2
	56659-014	Includes Key Nos. 16b, 17-18		39		*¾" Flat Washer	As Req.
16		*¾"-16 UNF Bolt	4	40		*¾"-10 UNC Locknut	2
a		5" Length		41		*⅝"-11 UNC Lower Shock Bolt	2
b		5¼" Length		42		*⅝" Hardened Washer	4
17		*¾" Flat Washer	8	43		*⅝"-11 UNC-2B Locknut	2
18		*¾"-16 UNF Locknut	4	44	70867-001	P-80 Lubricant - 10 ml (Not Shown) per Bushing	1

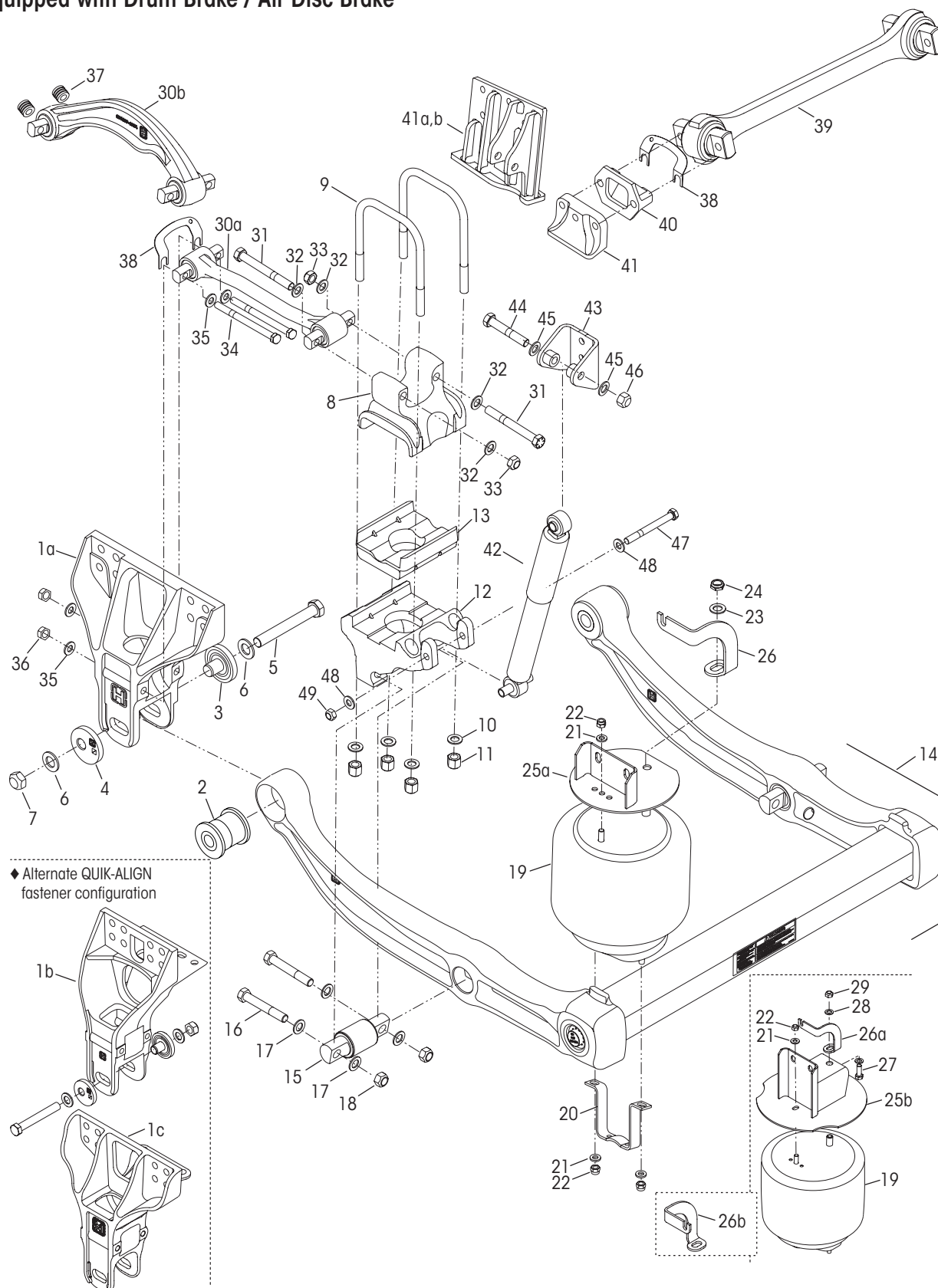
Pierce | Large Clamp Group

8⁵/₈", 10¹/₂", 12¹/₂" Ride Height

Equipped with Drum Brake / Air Disc Brake

FIREMAAX EX 27K • 31K • 31KT • 62K • 62KT

T – designates Tall Ride Height





KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1		Frame Hanger	2
a	67706-000	8 ⁵ / ₈ "-10 ¹ / ₂ " Ride Height	
b	67299-001	12 ¹ / ₂ " Ride Height, Left Hand	
b	67299-002	12 ¹ / ₂ " Ride Height, Right Hand	
c	80033-000	12 ¹ / ₂ " Ride Height	
		QUIK-ALIGN Pivot Bushing Service Kits,	
		Includes Key Nos. 2-7, 50	
	60961-720	One Wheel End	
	60632-020	Axle Set	
		QUIK-ALIGN Collar Service Kits,	
		Includes Key Nos. 3-7	
	60632-019	One Wheel End	
	60632-021	Axle Set	
	60632-018	QUIK-ALIGN Fastener Service Kit, One Wheel End,	
		Includes Key Nos. 5-7	
2		*QUIK-ALIGN Pivot Bushing	2
3		*QUIK-ALIGN Concentric Collar	2
4		*QUIK-ALIGN Eccentric Collar	2
5		*1"-14 UNF-2A x 7 ¹ / ₂ " Hendrickson Coated Hex Bolt	2
6		*1" Hendrickson Coated Hardened Washer	4
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2
8	65210-XXX	Top Pad, <i>See Selection Guide on Page 4</i>	2
		<i>Replaces 65273-XXX</i>	
		U-bolt Service Kit, One Wheel End, Includes	
		Kit No. 48718-501	
	91430-042	Includes Key No. 9a	
	91430-043	Includes Key No. 9b	
	91430-060	Includes Key No. 9c	
	91430-045	Includes Key No. 9d	
9		* ³ / ₄ " Square U-bolt	4
a		10" Length	
b		10.5" Length	
c		11.5" Length	
d		12" Length	
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,	
		Includes Key Nos. 10-11	
10		* ³ / ₄ " Flat Washer	8
11		* ³ / ₄ "-16 UNF U-bolt Locknut	8
12		Bottom Cap, <i>See Selection Guide on Page 4</i>	2
13		Axle Spacer, 8 ⁵ / ₈ ", 12 ¹ / ₂ " Ride Height Only	2
		<i>See Selection Guide on Page 4</i>	
14		U-beam Assembly, Includes Key Nos. 2, 15	1
	67249-005	Front, Single	
	67249-006	Rear	
	34013-114	Single D-pin Bushing Service Kit,	
		Includes Key Nos. 15-18	
15		*D-pin Bushing	2
	56659-010	D-pin Fastener Service Kit, Axle Set,	
		Includes Key Nos. 16-18	
16		* ⁷ / ₈ "-14 UNF x 5.0" Bolt	4
17		* ⁷ / ₈ " Flat Washer	8
18		* ⁷ / ₈ "-14 UNF Locknut	4
		Air Spring Service Kits, Single	
	60961-665	Includes Key Nos. 19-25a	
	49177-039	Includes Key Nos. 20-24	
	49177-023	Includes Key Nos. 21-24	
	68056-002	Includes Key Nos. 19, 21-25a	

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
19	67044-002L	Air Spring	2
20	60911-002	Lower Air Spring Bracket	2
21		* ¹ / ₂ " Hardened Washer	4
22		* ¹ / ₂ "-13 UNC Locknut	4
23		* ³ / ₄ " Flat Washer	2
24		* ³ / ₄ "-16 UNF Locknut	2
25		Upper Air Spring Bracket	2
a	65868-000	10" Ride Height	
b	65031-008	12 ¹ / ₂ " Ride Height	
26a	59479-003	Air Spring Gusset	1
b	59479-004	Air Spring Gusset	1
27	50764-006	* ³ / ₄ "-10 UNC x 2" Bolt	2
28	22962-001	* ³ / ₄ " Flat Washer	2
29	49842-000	* ³ / ₄ "-10 UNC Locknut	2
30		Longitudinal Torque Rod Assembly with Bushings	2
a	65302-XXX	Equipped with Drum Brake, <i>Specify length in mm</i>	
b	91277-001	Equipped with Air Disc Brake, Front, Single	
b	91277-003	Equipped with Air Disc Brake, Rear	
	49176-XXX	Longitudinal Torque Rod Fastener Service Kit,	
		<i>See Selection Guide on Page 7</i>	
31		* ³ / ₄ "-16 UNF Hex Bolt	4
32		* ³ / ₄ " Flat Washer	8
33		* ³ / ₄ "-16 UNF Locknut	4
34		* ⁵ / ₈ "-11 UNC-2B Bolt	8
35		* ⁵ / ₈ " Hardened Washer	16
36		* ⁵ / ₈ "-11 UNC-2A Locknut	8
37		Torque Rod Spacer (4 Pack)	As Req.
	34013-273	¹ / ₂ "	
	34013-274	¹ / ₄ "	
	34013-271	1"	
38		Shim, 1.52 mm	As Req.
	49689-000L	Single	
	34013-343	2 Pack	
	34013-234	4 Pack	
	34013-342	6 Pack	
39	8230-XXXX-XXX	**TRAAX ROD Transverse Torque Rod Assembly,	1
		Includes Bushings	
40	22186-000	Transverse Torque Rod Frame Bracket	1
41		Axle Stop, <i>See Selection Guide on Page 3</i>	1
a	80167-001	Left Hand Rear, 12 ¹ / ₂ " Ride Height	
b	80167-002	Right Hand Rear, 12 ¹ / ₂ " Ride Height	
42		Shock Absorber, <i>Locate Part No. on component</i>	2
43		Upper Shock Frame Bracket	2
		<i>See Selection Guide on Page 3</i>	
		Single Shock Absorber Fastener Service Kit,	
		Includes Key Nos. 44-49, <i>See Selection Guide on Page 3</i>	
44		* ³ / ₄ "-10 UNC Upper Shock Bolt	4
45		* ³ / ₄ " Flat Washer	As Req.
46		* ³ / ₄ "-10 UNC Locknut	4
47		* ⁵ / ₈ "-11 UNC Lower Shock Bolt	4
48		* ⁵ / ₈ " Hardened Washer	8
49		* ⁵ / ₈ "-11 UNC-2B Locknut	4
50	70867-001	P-80 Lubricant - 10 ml (Not Shown)	per Bushing 1

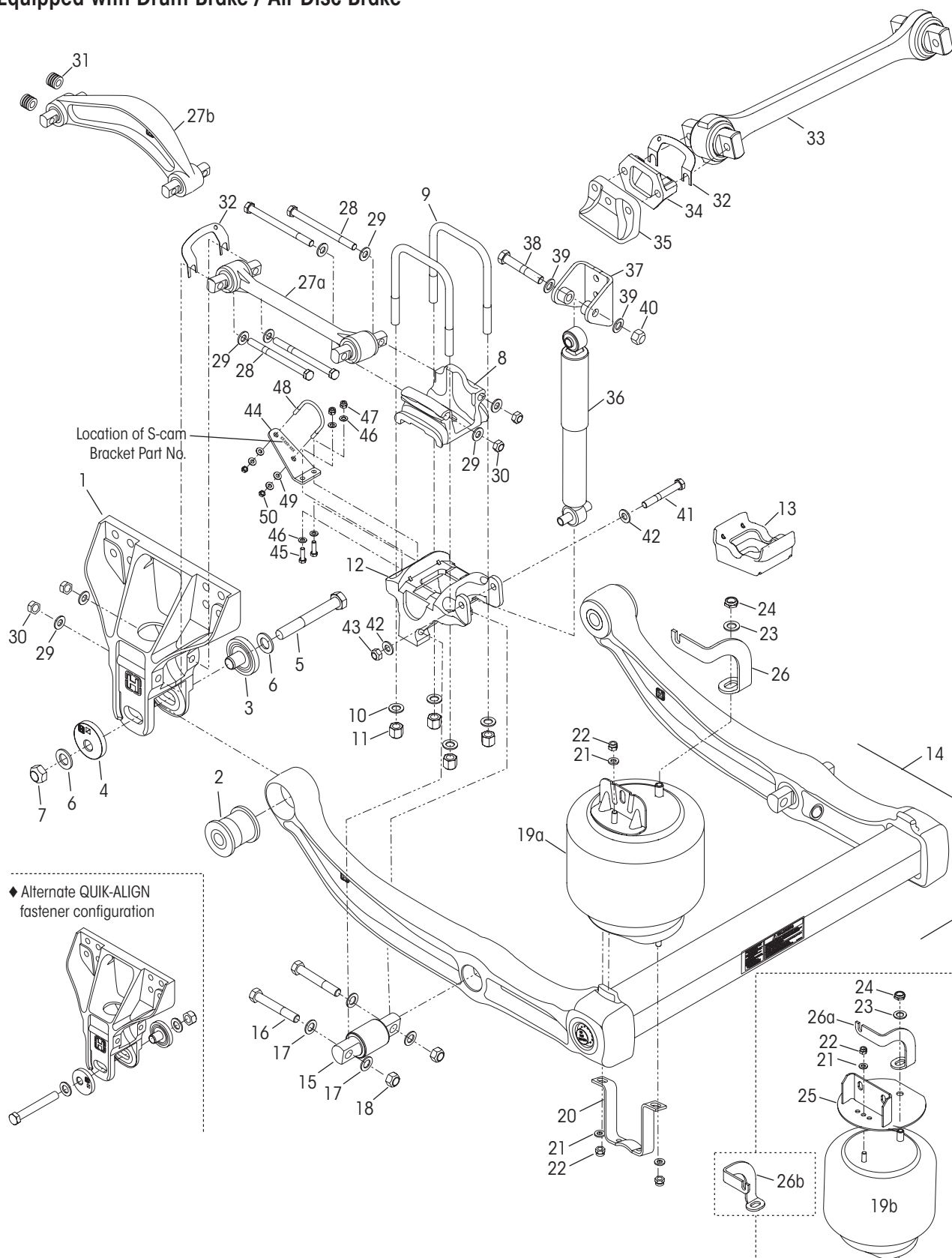
Rosenbauer | Small Clamp Group

8¾", 10", 10½" Ride Height

Equipped with Drum Brake / Air Disc Brake

FIREMAAX EX 24K • 48K • 27K S • 54K S

S – designates Small Clamp Group





KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	67706-000	Frame Hanger	2
		QUIK-ALIGN Pivot Bushing Service Kits, Includes Key Nos. 2-7, 51	
	60961-720	One Wheel End	
	60632-020	Axle Set	
		QUIK-ALIGN Collar Service Kit, Includes Key Nos. 3-7	
	60632-019	One Wheel End	
	60632-021	Axle Set	
	60632-018	QUIK-ALIGN Fastener Service Kits, One Wheel End, Includes Key Nos. 5-7	
2		*QUIK-ALIGN Pivot Bushing	2
3		*QUIK-ALIGN Concentric Collar	2
4		*QUIK-ALIGN Eccentric Collar	2
5		*1"-14 UNF-2A x 7½" Hendrickson Coated Hex Bolt	2
6		*1" Hendrickson Coated Hardened Washer	4
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2
8		Top Pad	2
	65289-000	Equipped with Drum Brake	
	65289-XXX	Equipped with Air Disc Brake, <i>See Selection Guide on Page 6</i>	
		U-bolt Service Kit, One Wheel End, Includes Kit No. 48718-501	
	91430-047	Includes Key No. 9a	
	91430-048	Includes Key No. 9b	
	91430-050	Includes Key No. 9c	
9		*¾" Square U-bolt	4
a		8⅞" Length	
b		10⅜" Length	
c		9⅞" Length	
	48718-501	U-bolt Fasteners Service Kit, One Wheel End, Includes Key Nos. 10-11	
10		*¾" Flat Washer	8
11		*¾"-16 UNF U-bolt Locknut	8
12	60556-XXX	Bottom Cap, <i>See Graphic on Page 6</i>	2
13	65139-003	Axle Spacer, 8¾" Ride Height, Below Axle	2
	76960-001	Axle Spacer, 10" Ride Height, Above Axle	
14		U-beam Assembly, Includes Key Nos. 2, 15	1
	67249-018	Front, Single	
	67249-017	Rear	
		Single D-pin Bushing Service Kit, Includes Key Nos. 15, 16a, 17-18	
	34013-107	Includes Key Nos. 15, 16b, 17-18	
	34013-117	Includes Key Nos. 15, 16c, 17-18	
	34013-116	Includes Key Nos. 15, 16c, 17-18	
	34013-201	Includes Key Nos. 15, 16d, 17-18	
15		*D-pin Bushing	2
		D-pin Fastener Service Kit, Axle Set, Includes Key Nos. 16a, 17-18	
	56659-009	Includes Key Nos. 16b, 17-18	
	56659-012	Includes Key Nos. 16c, 17-18	
	56659-013	Includes Key Nos. 16c, 17-18	
	56659-014	Includes Key Nos. 16d, 17-18	
16		*¾"-16 UNF Bolt	4
a		5" Length	
b		4¾" Length	
c		5½" Length	
d		5¼" Length	
17		*¾" Flat Washer	8
18		*¾"-16 UNF Locknut	4
		Air Spring Service Kits, Single Includes Key Nos. 19a, 20-24	
	60961-229	Includes Key Nos. 19b, 20-25	
	60961-665	Includes Key Nos. 19b, 21-25	
	68056-002	Includes Key Nos. 20-24	
	49177-039	Includes Key Nos. 20-24	
	49177-023	Includes Key Nos. 21-24	

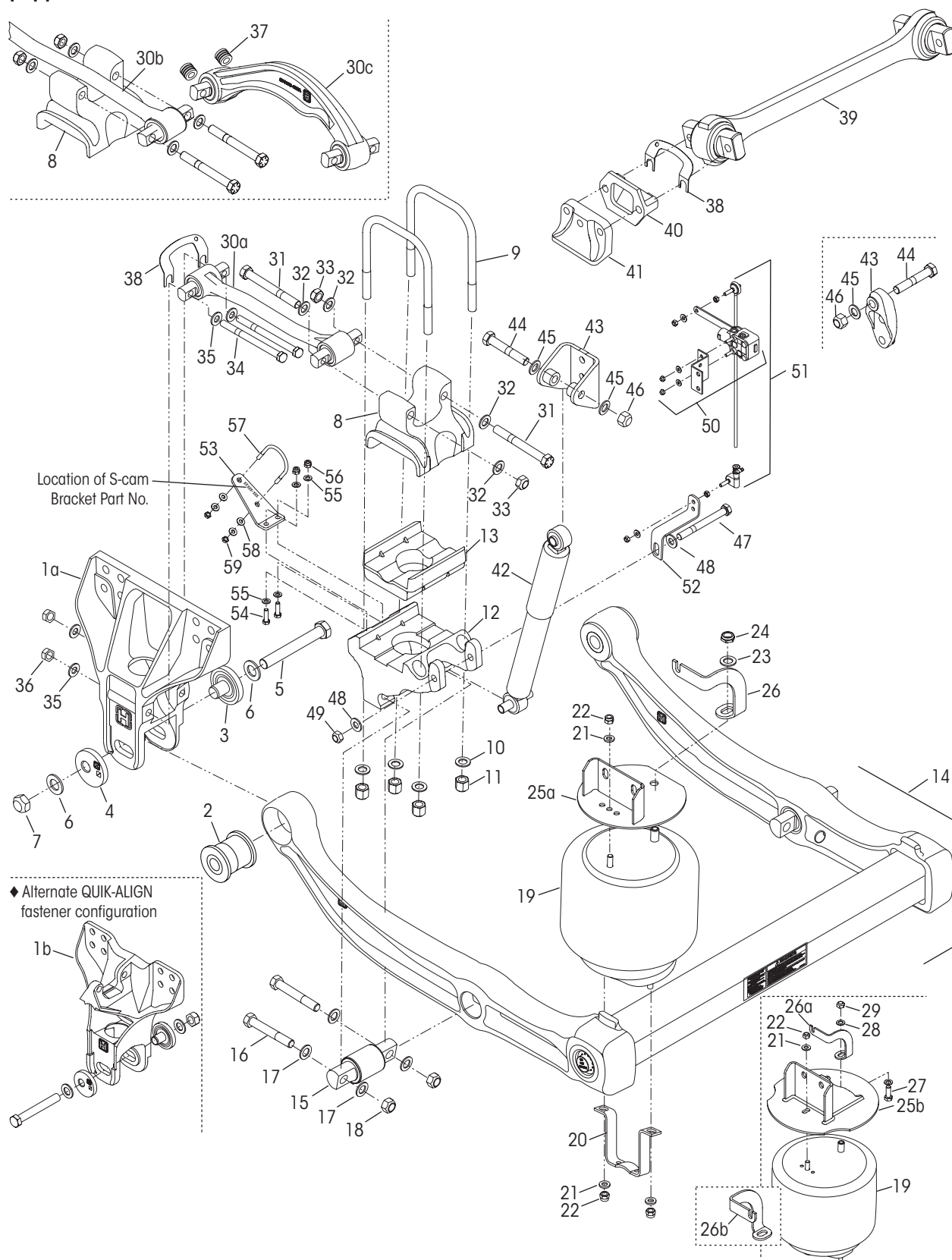
KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
19		Air Spring	2
a	67392-002	24K•48K Air Spring w/Upper Bracket	
b	67044-002L	27KS•54KS Air Spring Only	
20	60911-002	Lower Air Spring Bracket	2
21		*½" Hardened Washer	6
22		*½"-13 UNC Locknut	6
23		*¾" Flat Washer	2
24		*¾"-16 UNF Locknut	2
25	65868-000	Upper Air Spring Bracket, 27KS•54KS Only	2
26a	59479-003	Air Spring Gusset	1
b	59479-004	Air Spring Gusset	1
27		Longitudinal Torque Rod Assembly with Bushings 2 <i>Specify length in mm</i>	
a	67428-XXX	Equipped with Drum Brake	
b	67219-XXX	Equipped with Air Disc Brake	
	49176-XXX	Longitudinal Torque Rod Fastener Service Kit, <i>See Selection Guide on Page 7</i>	
28		*⅝"-11 UNC-2B Bolt	8
29		*⅝" Hardened Washer	16
30		*⅝"-11 UNC-2A Locknut	8
31		Torque Rod Spacer	As Req.
	34013-274	¼" (4 Pack)	
	34013-273	½" (4 Pack)	
	34013-272	¾" (4 Pack)	
32		Shim, 1.52 mm	As Req.
	49689-000L	Single	
	34013-343	2 Pack	
	34013-234	4 Pack	
	34013-342	6 Pack	
33	8230-XXXX-XXX	**TRAAX ROD Transverse Torque Rod Assembly, Includes Bushings	1
34	22186-000	Transverse Torque Rod Frame Bracket	1
35		Axle Stop, <i>See Selection Guide on Page 3</i>	1
36		Shock Absorber, <i>Locate Part No. on component</i>	2
37		Upper Shock Frame Bracket	2
		<i>See Selection Guide on Page 3</i>	
		Single Shock Absorber Fastener Service Kit, Includes Key Nos. 38-43, <i>See Selection Guide</i> <i>on Page 3</i>	
38		*¾"-10 UNC Upper Shock Bolt	2
39		*¾" Flat Washer	As Req.
40		*¾"-10 UNC Locknut	2
41		*⅝"-11 UNC Lower Shock Bolt	2
42		*⅝" Hardened Washer	4
43		*⅝"-11 UNC-2B Locknut	2
44	64508-XXX	***S-cam Support Bracket, Locate Part No. <i>on component</i>	2
	58821-017	S-cam Fastener Service Kit, Axle Set, Includes Key Nos. 45-50	
45		*¾"-16 UNC x 1¼" Hex Bolt	4
46		*¾" Hardened Washer	8
47		*¾"-16 UNC Locknut	4
48		*⅝"-S-cam U-bolt	2
49		*⅝" Hardened Washer	8
50		*⅝"-18 UNC Locknut	4
51	70867-001	P-80 Lubricant - 10 ml (Not Shown) per Bushing 1	

Rosenbauer | Large Clamp Group

8¾", 10", 10½" Ride Height

Equipped with Drum Brake / Air Disc Brake

FIREMAAX EX 27K • 31K • 54K • 62K





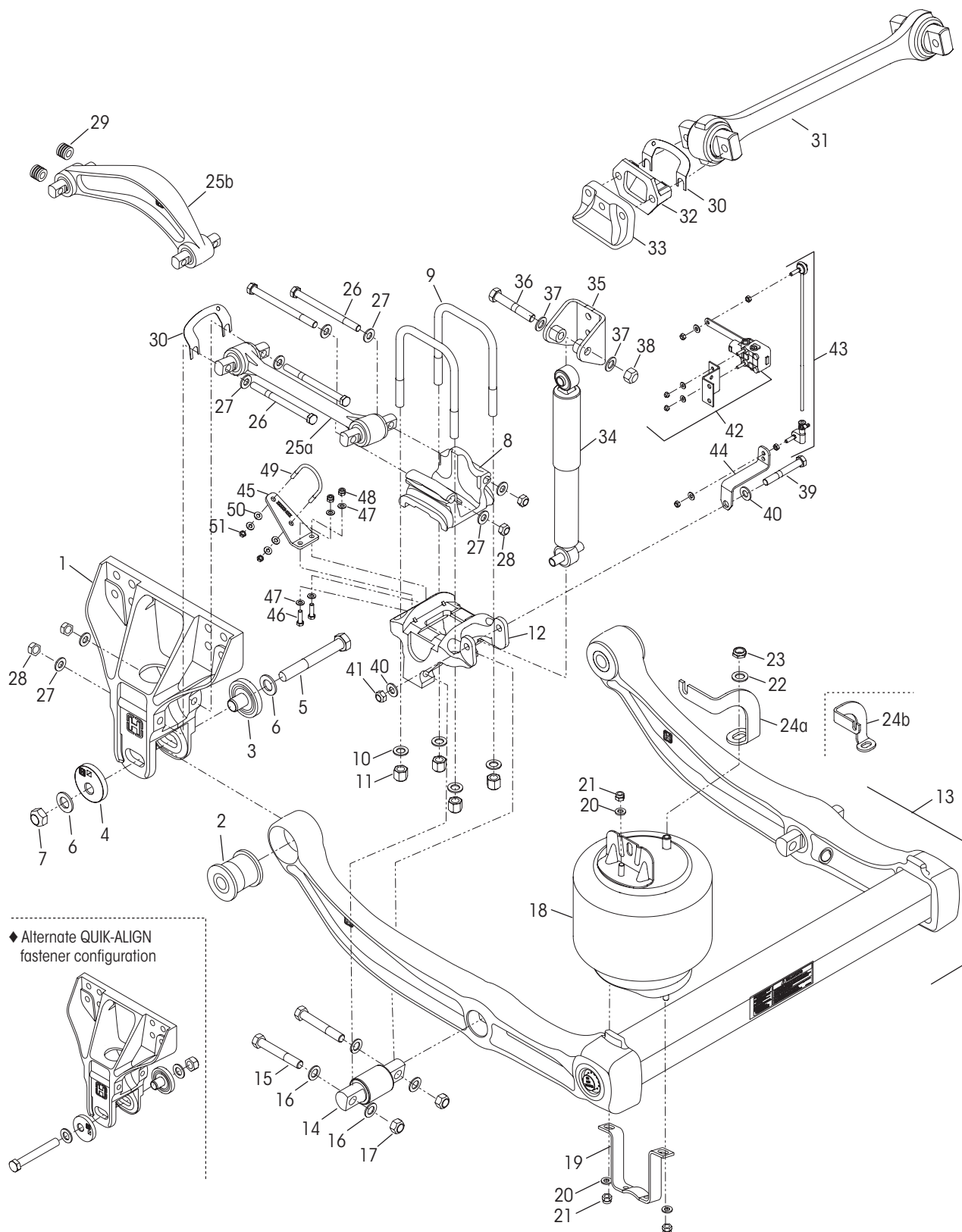
VEHICLE				VEHICLE			
KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1		Frame Hanger	2	25		Upper Air Spring Bracket	2
a	67706-000	Equipped with Drum / Disc Brake		a	65868-000	27K • 31K • 54K • 62K	
b	60821-001	Equipped with Air Disc Brake, used with Key No. 30b		b	65031-010	Tandem Rear - 54K • 62K, 10½" Ride Height	
		QUIK-ALIGN Pivot Bushing Service Kits,		26a	59479-003	Air Spring Gusset	1
		Includes Key Nos. 2-7, 60		b	59479-004	Air Spring Gusset	1
	60961-720	One Wheel End		27	50764-006	¾"-10 UNC x 2" Bolt	2
	60632-020	Axle Set		28	22962-001	¾" Flat Washer	4
		QUIK-ALIGN Collar Service Kits,		29	49842-000	¾"-10 UNC Locknut	2
		Includes Key Nos. 3-7		30		Longitudinal Torque Rod Assembly with Bushings 2	
	60632-019	One Wheel End				<i>Specify length in mm</i>	
	60632-021	Axle Set		a	65302-XXX	Equipped with Drum Brake	
	60632-018	QUIK-ALIGN Fastener Service Kit, One Wheel End,		b	66359-XXX	Equipped with Air Disc Brake	
		Includes Key Nos. 5-7		c	91277-XXX	Equipped with Air Disc Brake	
2		*QUIK-ALIGN Pivot Bushing	2		49176-XXX	Longitudinal Torque Rod Fastener Service Kit,	
3		*QUIK-ALIGN Concentric Collar	2			<i>See Selection Guide on Page 7</i>	
4		*QUIK-ALIGN Eccentric Collar	2	31		*¾"-16 UNF Hex Bolt	4
5		*1"-14 UNF-2A x 7½" Hendrickson Coated Hex Bolt	2	32		*¾" Flat Washer	8
6		*1" Hendrickson Coated Hardened Washer	4	33		*¾"-16 UNF Locknut	4
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2	34		*5⁄8"-11 UNC-2B Bolt	8
8	65210-XXX	Top Pad, <i>See Selection Guide on Page 4</i>	2	35		*5⁄8" Hardened Washer	16
		<i>Replaces 65273-XXX</i>		36		*5⁄8"-11 UNC-2A Locknut	8
		U-bolt Service Kits, One Wheel End, Includes		37		Torque Rod Spacer, Disc Brake Only	As Req.
		Kit No. 48718-501			34013-274	6.35 mm, 4 Pack	
	91430-042	Includes Key No. 9a			34013-343	1.52 mm, 2 Pack	
	91430-043	Includes Key No. 9b		38		Shim, 1.52 mm	As Req.
	91430-045	Includes Key No. 9c			49689-000L	Single	
	91430-060	Includes Key No. 9d			34013-343	2 Pack	
9		*¾" Square U-bolt	4		34013-234	4 Pack	
a		10" Length			34013-342	6 Packack	
b		10.5" Length		39	8230-XXX-XXX	**TRAAX ROD Transverse Torque Rod Assembly	1
c		12" Length				Includes Bushings	
d		11.5" Length		40	22186-000	Transverse Torque Rod Frame Bracket	1
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,		41		Axle Stop, <i>See Selection Guide on Page 3</i>	1
		Includes Key Nos. 10-11		42		Shock Absorber, <i>Locate Part No. on component</i>	2
10		*¾" Flat Washer	8	43		Upper Shock Frame Bracket	2
11		*¾"-16 UNF U-bolt Locknut	8			<i>See Selection Guide on Page 3</i>	
12		Bottom Cap, <i>See Selection Guide on Page 4</i>	2			Single Shock Absorber Fastener Service Kit,	
13		Axle Spacer, 8¾" Ride Height Only	2			Includes Key Nos. 44-49, <i>See Selection Guide on Page 3</i>	
		<i>See Selection Guide on Page 4</i>		44		*¾"-10 UNC Upper Shock Bolt	2
14		U-beam Assembly, Includes Key Nos. 2, 15	1	45		*¾" Flat Washer	As Req.
	67249-030	Front, Single		46		*¾"-10 UNC Locknut	2
	67249-029	Rear		47		*5⁄8"-11 UNC Lower Shock Bolt	2
	34013-114	Single D-pin Bushing Service Kit,		48		*5⁄8" Hardened Washer	4
		Includes Key Nos. 15-18		49		*5⁄8"-11 UNC-2B Locknut	2
15		*D-pin Bushing	2		58525-019	Height Control Valve Assembly Service Kit,	
	56659-010	D-pin Fastener Service Kit, Axle Set,				Includes Key Nos. 50-52	
		Includes Key Nos. 16-18		50	57977-000	Height Control Valve Assembly	1
16		*7⁄8"-14 UNF x 5.0" Bolt	4	51	58994-005L	Linkage Assembly	1
17		*7⁄8" Flat Washer	8	52	60921-000	Linkage Bracket	1
18		*7⁄8"-14 UNF Locknut	4	53	64508-XXX	***S-cam Support Bracket, <i>Locate Part No. on component</i>	2
		Air Spring Service Kits, Single			34013-460	S-cam Fastener Service Kit, Axle Set,	
	60961-665	Includes Key Nos. 19-25a				Includes Key Nos. 54-59	
	49177-039	Includes Key Nos. 20-24		54		*3⁄8"-16 UNC x 1½" Hex Bolt	4
	49177-023	Includes Key Nos. 21-24		55		*3⁄8" Hardened Washer	8
	68056-002	Includes Key Nos. 19, 21-25a		56		*3⁄8"-16 UNC Locknut	4
19	67044-002L	Air Spring	2	57		*5⁄16" S-cam U-bolt	2
20	60911-002	Lower Air Spring Bracket	2	58		*5⁄16" Hardened Washer	8
21		*½" Hardened Washer	4	59		*5⁄16"-18 UNC Locknut	4
22		*½"-13 UNC Locknut	4	60	70867-001	P-80 Lubricant - 10 ml (Not Shown)	per Bushing 1
23		*¾" Flat Washer	2				
24		*¾"-16 UNF Locknut	2				

Seagrave | Small Clamp Group

10" Ride Height

Equipped with Drum Brake / Air Disc Brake

FIREMAAX EX 24K • 48K





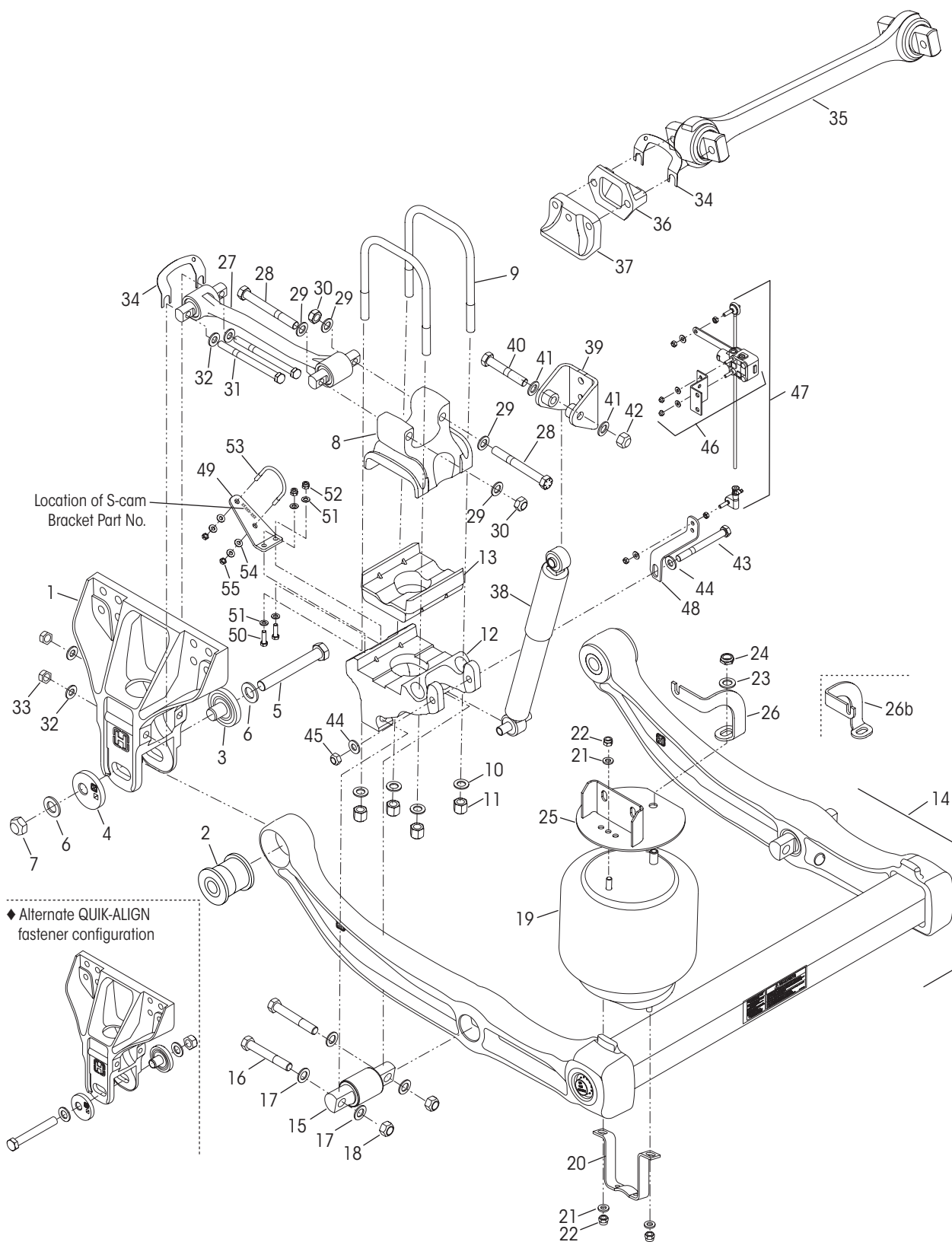
KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	67706-000	Frame Hanger	2	22		**3/4" Flat Washer	2
		QUIK-ALIGN Pivot Bushing Service Kits,		23		*3/4"-16 UNF Locknut	2
	60961-720	Includes Key Nos. 2-7, 52		24a	59479-003	Air Spring Gusset	1
	60632-020	One Wheel End		b	59479-004	Air Spring Gusset	1
		Axle Set		25		Longitudinal Torque Rod Assembly with Bushings	2
		QUIK-ALIGN Collar Service Kits,				<i>Specify length in mm</i>	
	60632-019	Includes Key Nos. 3-7		a	67428-XXX	Equipped with Drum Brake	
	60632-021	One Wheel End		b	67219-XXX	Equipped with Air Disc Brake	
	60632-018	Axle Set			49176-XXX	Longitudinal Torque Rod Fastener Service Kit,	
		QUIK-ALIGN Fastener Service Kit, One Wheel End,				<i>See Selection Guide on Page 7</i>	
		Includes Key Nos. 5-7		26		*5/8"-11 UNC-2B Bolt	8
2		*QUIK-ALIGN Pivot Bushing	2	27		*5/8" Hardened Washer	16
3		*QUIK-ALIGN Concentric Collar	2	28		*5/8"-11 UNC-2A Locknut	8
4		*QUIK-ALIGN Eccentric Collar	2	29	34013-274	Torque Rod Spacer - 1/4" (4 Pack)	As Req.
5		*1"-1 4 UNF-2A x 7 1/2" Hendrickson Coated Hex Bolt	2	30		Shim, 1.52 mm	As Req.
6		*1" Hendrickson Coated Hardened Washer	4		49689-000L	Single	
7		*1"-1 4 UNF-2B Hendrickson Coated Locknut	2		34013-343	2 Pack	
8		Top Pad	2		34013-234	4 Pack	
	65289-000	Equipped with Drum Brake			34013-342	6 Pack	
	65289-XXX	Equipped with Air Disc Brake, <i>See Selection Guide on Page 6</i>		31	8230-0000-XXX	**TRAAX ROD Transverse Torque Rod Assembly	1
						Includes Bushings	
	91430-047	U-bolt Service Kit, One Wheel End, Includes Kit No. 48718-501 and Key No. 9		32	22186-000	Transverse Torque Rod Frame Bracket	1
9		*3/4" x 8 7/8" Square U-bolt	4	33		Axle Stop, <i>See Selection Guide on Page 3</i>	1
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,		34		Shock Absorber, <i>Locate Part No. on component</i>	2
		Includes Key Nos. 10-11		35		Upper Shock Frame Bracket	2
10		*3/4" Flat Washer	8			<i>See Selection Guide on Page 3</i>	
11		*3/4"-16 UNF U-bolt Locknut	8			Single Shock Absorber Fastener Service Kit,	
12	60556-XXX	Bottom Cap, <i>See Graphic on Page 6</i>	2			Includes Key Nos. 36-41, <i>See Selection Guide on Page 3</i>	
13		U-beam Assembly, Includes Key Nos. 2, 14	1	36		*3/4"-10 UNC Upper Shock Bolt	2
	67249-004	Front, Single		37		*3/4" Flat Washer	As Req.
	67249-003	Rear		38		*3/4"-10 UNC Locknut	2
		Single D-pin Bushing Service Kits,		39		*5/8"-11 UNC Lower Shock Bolt	2
	34013-107	Includes Key Nos. 14, 15a, 16-17		40		*5/8" Hardened Washer	4
	34013-116	Includes Key Nos. 14, 15b, 16-17		41		*5/8"-11 UNC-2B Locknut	2
14		*D-pin Bushing	2		58525-019	Height Control Valve Assembly Service Kit,	
		D-pin Fastener Service Kits, Axle Set,				Includes Key Nos. 42-44	
	56659-009	Includes Key Nos. 15a, 16-17		42	57977-000	Height Control Valve Assembly	1
	56659-013	Includes Key Nos. 15b, 16-17		43	58994-005L	Linkage Assembly	1
15		*3/4"-16 UNF Bolt	4	44	60921-000	Linkage Bracket	1
a		5" Length		45	64508-000	***S-cam Support Bracket, <i>Locate Part No. on component</i>	2
b		5 1/2" Length					
16		*3/4" Flat Washer	8		58821-017	S-cam Fastener Service Kit, Axle Set,	
17		*3/4"-16 UNF Locknut	4			Includes Key Nos. 46-51	
		Air Spring Service Kit, Single		46		*3/8"-16 UNC x 1 1/4" Hex Bolt	2
	60961-229	Includes Key Nos. 18-23		47		*3/8" Hardened Washer	8
	49177-039	Includes Key Nos. 19-23		48		*3/8"-16 UNC Locknut	4
	49177-023	Includes Key Nos. 20-23		49		*5/16" S-cam U-bolt	2
18	67392-002	Air Spring w/Upper Air Spring Bracket	2	50		*5/16" Hardened Washer	8
19	60911-002	Lower Air Spring Bracket	2	51		*5/16"-18 UNC Locknut	4
20		*1/2" Hardened Washer	4	52	70867-001	P-80 Lubricant - 10 ml (Not Shown)	per Bushing 1
21		*1/2"-13 UNC Locknut	4				

Seagrave | Large Clamp Group

8¾", 9", 10" Ride Height

Equipped with Drum Brakes

FIREMAAX EX 27K • 31K • 54K





VEHICLE				VEHICLE			
KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1	67706-000	Frame Hanger	2	23		*3/4" Flat Washer	2
		QUIK-ALIGN Pivot Bushing Service Kit,		24		*3/4"-16 UNF Locknut	2
	60961-720	Includes Key Nos. 2-7, 56		25	65868-000	Upper Air Spring Bracket	2
	60632-020	One Wheel End		26a	59479-003	Air Spring Gusset	1
		Axle Set		b	59479-004	Air Spring Gusset	1
		QUIK-ALIGN Collar Service Kit,		27	65302-XXX	Longitudinal Torque Rod Assembly with Bushings	2
	60632-019	Includes Key Nos. 3-7				<i>Specify length in mm</i>	
	60632-021	One Wheel End		28		*3/4"-16 UNF x 6" Hex Bolt	4
	60632-018	Axle Set		29		*3/4" Flat Washer	8
		QUIK-ALIGN Fastener Service Kit, One Wheel End,		30		*3/4"-16 UNF Locknut	4
		Includes Key Nos. 5-7			49176-XXX	Longitudinal Torque Rod Fastener Service Kit,	
2		*QUIK-ALIGN Pivot Bushing	2			<i>See Selection Guide on Page 7</i>	
3		*QUIK-ALIGN Concentric Collar	2	31		*5/8"-11 UNC-2B Bolt	8
4		*QUIK-ALIGN Eccentric Collar	2	32		*5/8" Hardened Washer	16
5		*1"-14 UNF-2A x 7 1/2" Hendrickson Coated Hex Bolt	2	33		*5/8"-11 UNC-2A Locknut	8
6		*1" Hendrickson Coated Hardened Washer	4	34		Shim, 1.52 mm	As Req.
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2		49689-000L	Single	
8	65210-XXX	Top Pad, <i>See Selection Guide on Page 4</i>	2		34013-343	2 Pack	
		U-bolt Service Kit, One Wheel End, Includes			34013-234	4 Pack	
		Kit No. 48718-501			34013-342	6 Pack	
	91430-045	Includes Key No. 9a		35	8230-0101-XXX	**TRAAX ROD Transverse Torque Rod Assembly	2
	91430-060	Includes Key No. 9b				Includes Bushings	
9		*3/4" Square U-bolt	4	36	22186-000	Transverse Torque Rod Frame Bracket	2
a		12" Length		37		Axle Stop, <i>See Selection Guide on Page 3</i>	1
b		11.5" Length		38		Shock Absorber, <i>Locate Part No. on component</i>	2
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,		39		Upper Shock Frame Bracket	2
		Includes Key Nos. 10-11				<i>See Selection Guide on Page 3</i>	
10		*3/4" Flat Washer	8			Single Shock Absorber Fastener Service Kit,	
11		*3/4"-16 UNF U-bolt Locknut	8			Includes Key Nos. 40-45, <i>See Selection Guide on Page 3</i>	
12	65208-XXX	Bottom Cap, <i>See Selection Guide on Page 4</i>	2	40		*3/4"-10 UNC Upper Shock Bolt	2
13		Axle Spacer	2	41		*3/4" Flat Washer	4
	65276-000	Right Hand		42		*3/4"-10 UNC Locknut	2
	65277-000	Left Hand		43		*5/8"-11 UNC Lower Shock Bolt	2
14		U-beam Assembly, Includes Key Nos. 2, 15	1	44		*5/8" Hardened Washer	4
	67249-006	Front, Single		45		*5/8"-11 UNC-2B Locknut	2
	67249-005	Rear			58525-019	Height Control Valve Assembly Service Kit,	
	34013-114	Single D-pin Bushing Service Kit,				Includes Key Nos. 46-48	
		Includes Key Nos. 15-18		46	57977-000	Height Control Valve Assembly	1
15		*D-pin Bushing	2	47	58994-005L	Linkage Assembly	1
	56659-010	D-pin Fastener Service Kit, Axle Set,		48	60921-000	Linkage Bracket	1
		Includes Key Nos. 16-18		49	64508-004	***S-cam Support Bracket, <i>Locate Part No. on component</i>	4
16		*7/8"-14 UNF x 5.0" Bolt	4		34013-460	S-cam Fastener Service Kit, Axle Set,	
17		*7/8" Flat Washer	8			Includes Key Nos. 50-55	
18		*7/8"-14 UNF Locknut	4	50		*3/8"-16 UNC x 1 1/2" Hex Bolt	4
		Air Spring Service Kits, Single		51		*3/8" Hardened Washer	8
	60961-665	Includes Key Nos. 19-25		52		*3/8"-16 UNC Locknut	4
	49177-039	Includes Key Nos. 20-24		53		*5/16" S-cam U-bolt	2
	49177-023	Includes Key Nos. 21-24		54		*5/16" Hardened Washer	8
	68056-002	Includes Key Nos. 19, 21-25		55		*5/16"-18 UNC Locknut	4
19	67044-002L	Air Spring Only	2	56	70867-001	P-80 Lubricant - 10 ml (Not Shown)	per Bushing 1
20	60911-002	Lower Air Spring Bracket	2				
21		*1/2" Hardened Washer	4				
22		*1/2"-13 UNC Locknut	4				

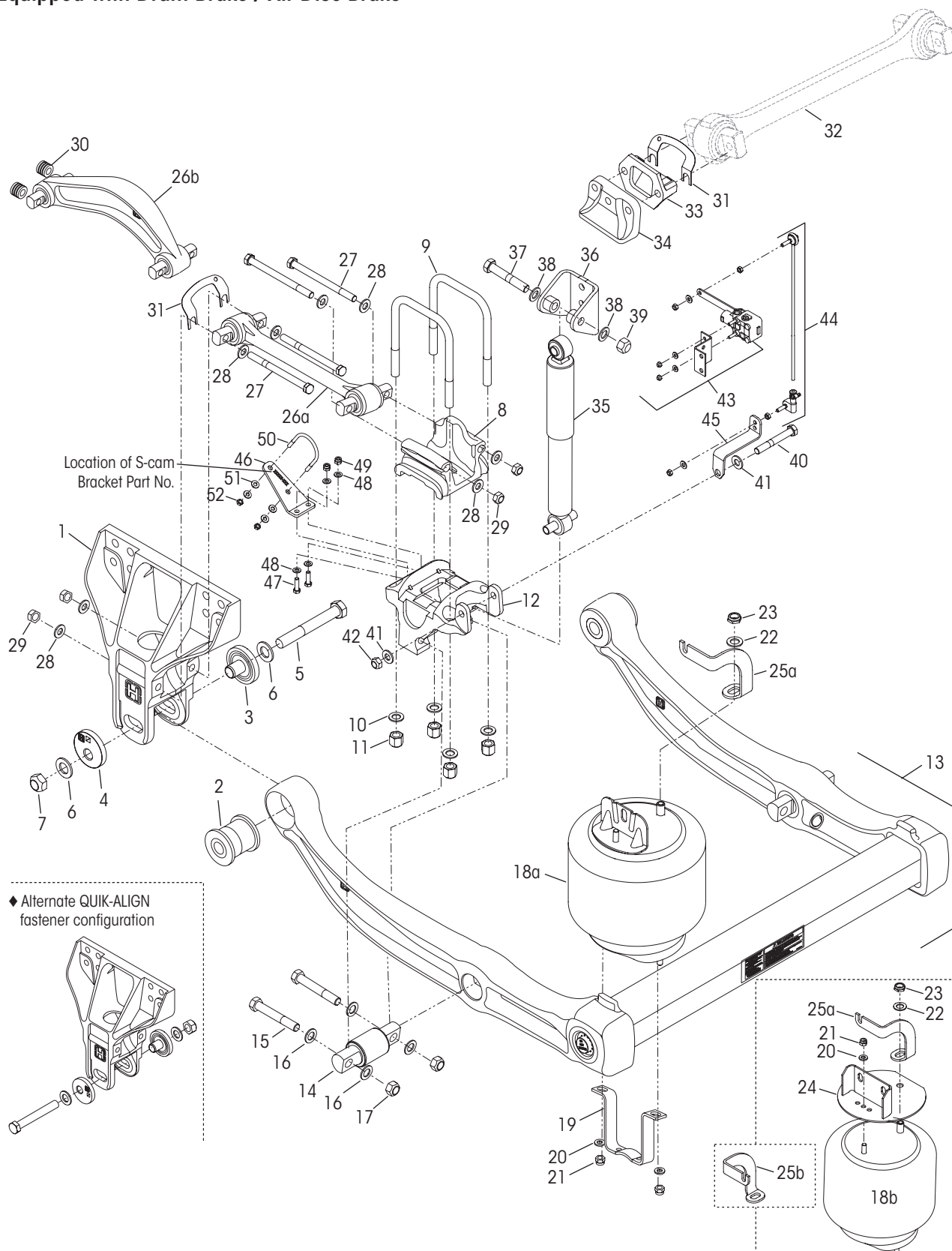
Spartan | Small Clamp Group

10" Ride Height

Equipped with Drum Brake / Air Disc Brake

FIREMAAX EX 24K • 27K S

S – designates Small Clamp Group





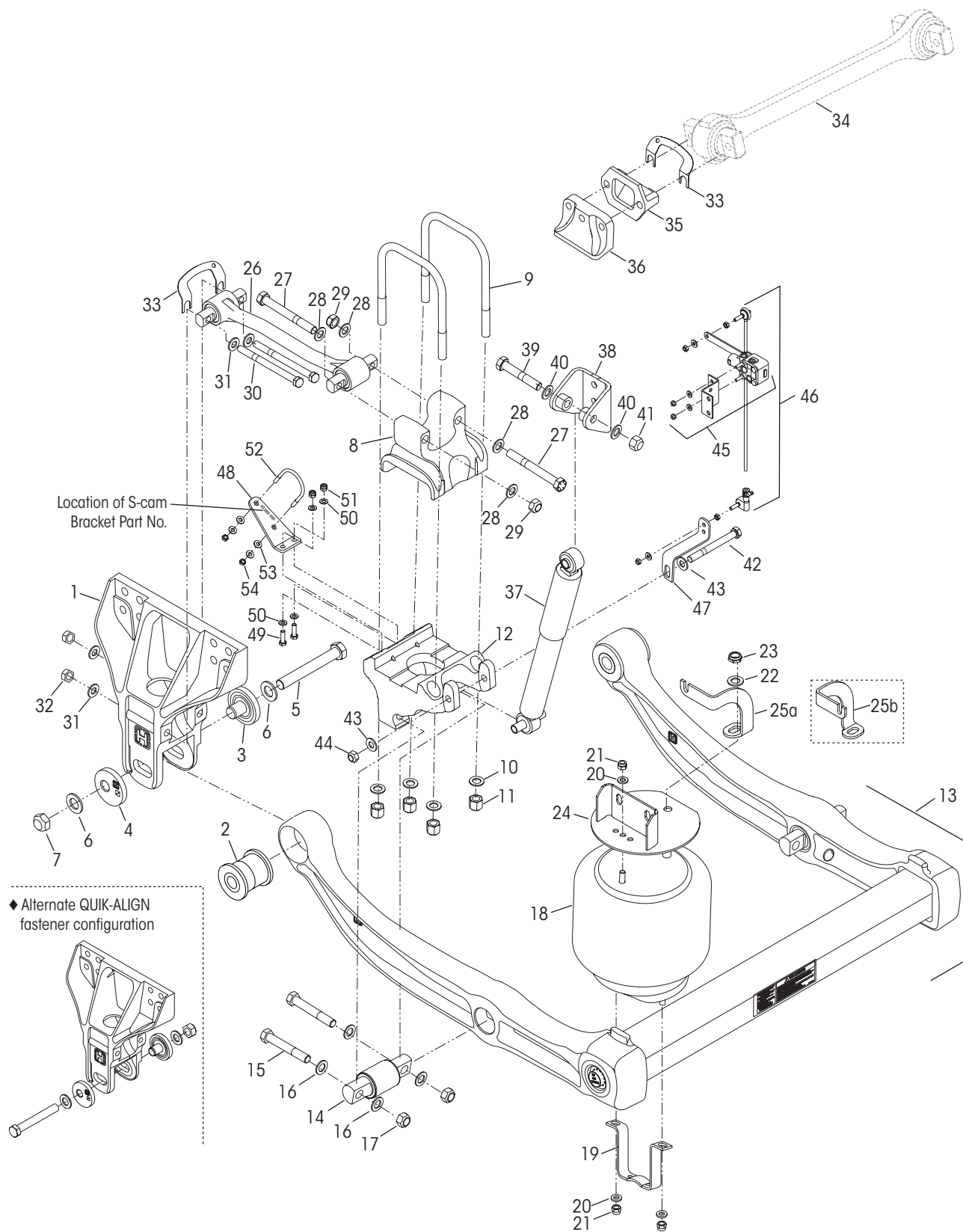
VEHICLE				VEHICLE			
KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1	67706-000	Frame Hanger	2	22		*3/4" Flat Washer	2
		QUIK-ALIGN Pivot Bushing Service Kit,		23		*3/4"-16 UNF Locknut	2
		Includes Key Nos. 2-7, 53		24	65868-000	Upper Air Spring Bracket, 27KS Only	2
	60961-720	One Wheel End		25a	59479-003	Air Spring Gusset	2
	60632-020	Axle Set		b	59479-004	Air Spring Gusset	
		QUIK-ALIGN Collar Service Kit,		26		Longitudinal Torque Rod Assembly with Bushings 2	
		Includes Key Nos. 3-7				<i>Specify length in mm</i>	
	60632-019	One Wheel End		a	67428-XXX	Equipped with Drum Brake	
	60632-021	Axle Set		b	67219-XXX	Equipped with Air Disc Brake	
	60632-018	QUIK-ALIGN Fastener Service Kit, One Wheel End,			49176-XXX	Longitudinal Torque Rod Fastener Service Kit,	
		Includes Key Nos. 5-7				<i>See Selection Guide on Page 7</i>	
2		*QUIK-ALIGN Pivot Bushing	2	27		*5/8"-11 UNC-2B Bolt	8
3		*QUIK-ALIGN Concentric Collar	2	28		*5/8" Hardened Washer	16
4		*QUIK-ALIGN Eccentric Collar	2	29		*5/8"-11 UNC-2A Locknut	16
5		*1"-14 UNF-2A x 7 1/2" Hendrickson Coated Hex Bolt	2	30	67045-071	Torque Rod Spacer	As Req.
6		*1" Hendrickson Coated Hardened Washer	4	31		Shim, 1.52 mm	As Req.
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2		49689-000L	Single	
8		Top Pad	2		34013-343	2 Pack	
	65289-000	Equipped with Drum Brake			34013-234	4 Pack	
	65289-XXX	Equipped with Air Disc Brake, <i>See Selection Guide on Page 6</i>			34013-342	6 Pack	
	91430-047	U-bolt Service Kit, One Wheel End, Includes		32		**Transverse Torque Rod Assembly,	1
		Kit No. 48718-501 and Key No. 9				<i>Supplied by Vehicle Manufacturer</i>	
9		*3/4" x 8 7/8" Square U-bolt	4	33	22186-000	Transverse Torque Rod Frame Bracket	2
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,		34		Axle Stop, <i>See Selection Guide on Page 3</i>	1
		Includes Key Nos. 10-11		35		Shock Absorber, <i>Locate Part No. on component</i>	2
10		*3/4" Flat Washer	8	36		Upper Shock Frame Bracket	2
11		*3/4"-16 UNF U-bolt Locknut	8			<i>See Selection Guide on Page 3</i>	
12	60556-XXX	Bottom Cap, <i>See Graphic on Page 6</i>	2			Single Shock Absorber Fastener Service Kit,	
13	67249-018	U-beam Assembly, Includes Key Nos. 2, 14	1			Includes Key Nos. 37-42, <i>See Selection Guide on Page 3</i>	
	34013-107	Single D-pin Bushing Service Kit,		37		*3/4"-10 UNC Upper Shock Bolt	2
		Includes Key Nos. 14-17		38		*3/4" Flat Washer	4
14		*D-pin Bushing	2	39		*3/4"-10 UNC Locknut	2
		D-pin Fastener Service Kit, Axle Set		40		*5/8"-11 UNC Lower Shock Bolt	2
	56659-014	24K, Includes Key Nos. 15a, 16-17		41		*5/8" Hardened Washer	4
	56659-009	27K S, Includes Key Nos. 15b, 16-17		42		*5/8"-11 UNC-2B Locknut	2
15		*3/4"-16 UNF Bolt	4		58525-019	Height Control Valve Assembly Service Kit,	
a		5 1/4" Length				Includes Key Nos. 43-45	
b		5" Length		43	57977-000	Height Control Valve Assembly	1
16		*3/4" Flat Washer	8	44	58994-005L	Linkage Assembly	1
17		*3/4"-16 UNF Locknut	4	45	60921-000	Linkage Bracket	1
		Air Spring Service Kits, Single		46	64508-000	***S-cam Support Bracket, <i>Locate Part No. on component</i>	4
	60961-229	Includes Key Nos. 18a, 19-23			58821-017	S-cam Fastener Service Kit, Axle Set,	
	60961-665	Includes Key Nos. 18b, 19-24				Includes Key Nos. 47-52	
	68056-002	Includes Key Nos. 18b, 20-24		47		*3/8"-16 UNC x 1 1/4" Hex Bolt	4
	49177-039	Includes Key Nos. 19-23		48		*3/8" Hardened Washer	8
	49177-023	Includes Key Nos. 20-23		49		*3/8"-16 UNC Locknut	4
18		Air Spring	2	50		*5/16" S-cam U-bolt	2
a	67392-002	24K Air Spring w/Upper Bracket		51		*5/16" Hardened Washer	8
b	67044-002L	27KS Air Spring Only		52		*5/16"-18 UNC Locknut	4
19	60911-002	Lower Air Spring Bracket	2	53	70867-001	P-80 Lubricant - 10 ml (Not Shown) per Bushing	1
20		*1/2" Hardened Washer	4				
21		*1/2"-13 UNC Locknut	4				

Spartan | Large Clamp Group

10" Ride Height

Equipped with Drum Brakes

FIREMAAX EX 31K • 54K • 62K





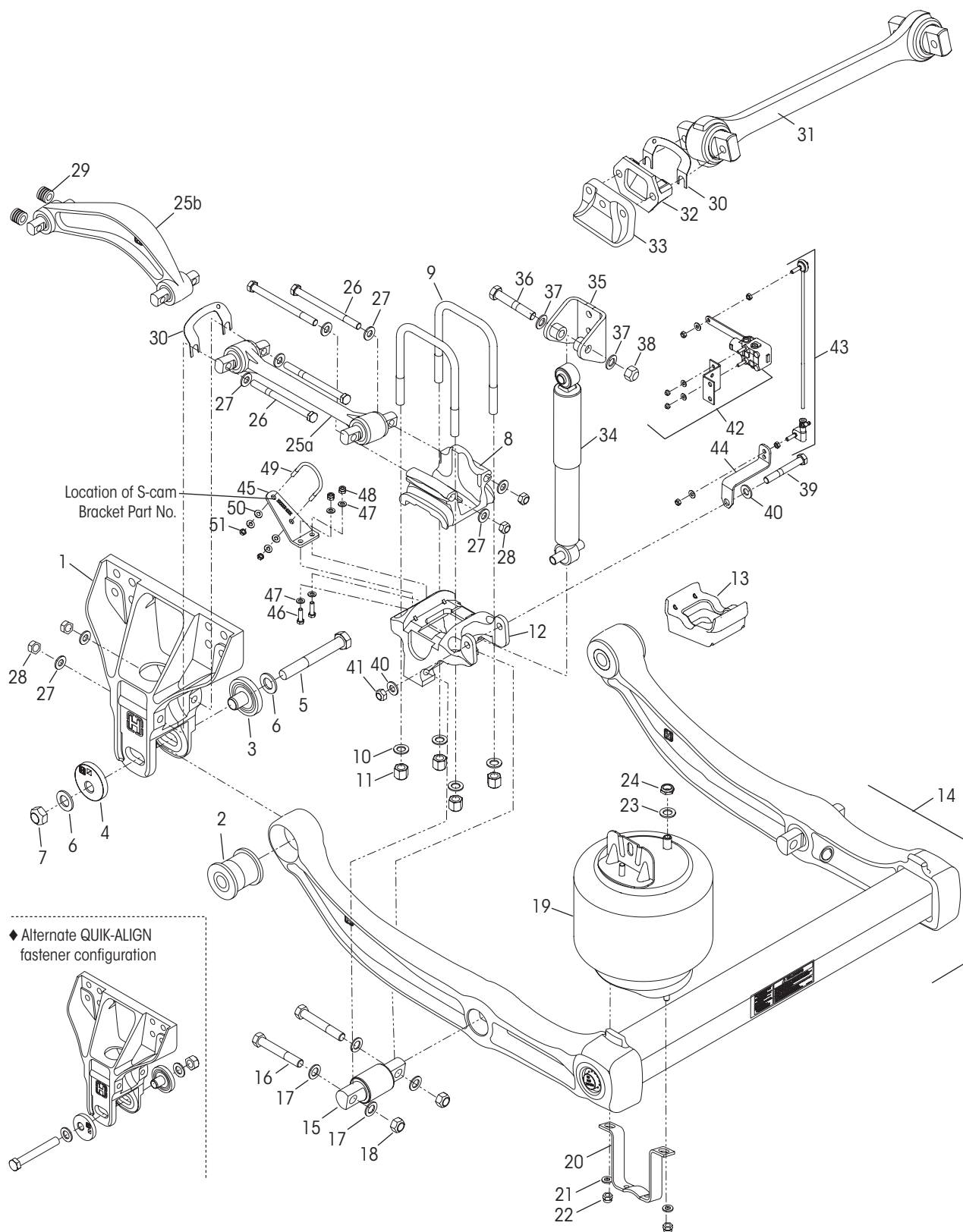
VEHICLE				VEHICLE			
KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1	67706-000	Frame Hanger	2	23		*3/4"-16 UNF Locknut	2
		QUIK-ALIGN Pivot Bushing Service Kits,		24	65868-000	Upper Air Spring Bracket	2
	60961-720	Includes Key Nos. 2-7, 55		25a	59479-003	Air Spring Gusset	1
	60632-020	One Wheel End		b	59479-004	Air Spring Gusset	1
		Axle Set		26	65302-XXX	Longitudinal Torque Rod Assembly with Bushings	2
		QUIK-ALIGN Collar Service Kits,				<i>Specify length in mm</i>	
	60632-019	Includes Key Nos. 3-7			49176-XXX	Longitudinal Torque Rod Fastener Service Kit,	
	60632-021	One Wheel End				<i>See Selection Guide on Page 7</i>	
	60632-018	Axle Set		27		*3/4"-16 UNF Hex Bolt	4
		QUIK-ALIGN Fastener Service Kit, One Wheel End,		28		*3/4" Flat Washer	8
		Includes Key Nos. 5-7		29		*3/4"-16 UNF Locknut	4
2		*QUIK-ALIGN Pivot Bushing	2	30		*5/8"-11 UNC-2B Bolt	8
3		*QUIK-ALIGN Concentric Collar	2	31		*5/8" Hardened Washer	16
4		*QUIK-ALIGN Eccentric Collar	2	32		*5/8"-11 UNC-2A Locknut	8
5		*1"-14 UNF-2A x 7 1/2" Hendrickson Coated Hex Bolt	2	33		Shim, 1.52 mm	As Req.
6		*1" Hendrickson Coated Hardened Washer	4		49689-000L	Single	
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2		34013-343	2 Pack	
8	65210-XXX	Top Pad, <i>See Selection Guide on Page 4</i>	2		34013-234	4 Pack	
		<i>Replaces 65273-XXX</i>			34013-342	6 Pack	
		U-bolt Service Kit, One Wheel End, Includes		34		**Transverse Torque Rod Assembly,	1
		Kit No. 48718-50				<i>Supplied by Vehicle Manufacturer</i>	
	91430-042	Includes Key No. 9a		35	22186-000	Transverse Torque Rod Frame Bracket	1
	91430-043	Includes Key No. 9b		36		Axle Stop, <i>See Selection Guide on Page 3</i>	1
9		*3/4" Square U-bolt	4	37		Shock Absorber, <i>Locate Part No. on component</i>	2
a		10" Length		38		Upper Shock Frame Bracket	2
b		10 1/2" Length				<i>See Selection Guide on Page 3</i>	
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,				Single Shock Absorber Fastener Service Kit,	
		Includes Key Nos. 10-11				Includes Key Nos. 39-44, <i>See Selection Guide</i>	
10		*3/4" Flat Washer	8			<i>on Page 3</i>	
11		*3/4"-16 UNF U-bolt Locknut	8	39		*3/4"-10 UNC Upper Shock Bolt	2
12		Bottom Cap, <i>See Selection Guide on Page 4</i>	2	40		*3/4" Flat Washer	As Req.
13		U-beam Assembly, Includes Key Nos. 2, 14	1	41		*3/4"-10 UNC Locknut	2
	67249-030	Front, Single		42		*5/8"-11 UNC Lower Shock Bolt	2
	67249-029	Rear		43		*5/8" Hardened Washer	4
	34013-114	Single D-pin Bushing Service Kit,		44		*5/8"-11 UNC-2B Locknut	2
		Includes Key Nos. 14-17			58525-019	Height Control Valve Assembly Service Kit,	
14		*D-pin Bushing	2			Includes Key Nos. 45-47	
	56659-010	D-pin Fastener Service Kit, Axle Set,		45	57977-000	Height Control Valve Assembly	1
		Includes Key Nos. 15-17		46	58994-005L	Linkage Assembly	1
15		*7/8"-14 UNF x 5.0" Bolt	4	47	60921-000	Linkage Bracket	1
16		*7/8" Flat Washer	8	48	64508-XXX	***S-cam Support Bracket, Locate Part No.	2
17		*7/8"-14 UNF Locknut	4			<i>on component</i>	
		Air Spring Service Kits, Single			34013-460	S-cam Fastener Service Kit, Axle Set,	
	60961-665	Includes Key Nos. 18-24				Includes Key Nos. 49-54	
	49177-039	Includes Key Nos. 19-23		49		*3/8"-16 UNC x 1 1/2" Hex Bolt	4
	49177-023	Includes Key Nos. 20-23		50		*3/8" Hardened Washer	8
	68056-002	Includes Key Nos. 18, 20-24		51		*3/8"-16 UNC Locknut	4
18	67044-002L	Air Spring Only	2	52		*5/16" S-cam U-bolt	2
19	60911-002	Lower Air Spring Bracket	2	53		*5/16" Hardened Washer	8
20		*1/2" Hardened Washer	4	54		*5/16"-18 UNC Locknut	4
21		*1/2"-13 UNC Locknut	4	55	70867-001	P-80 Lubricant - 10 ml (Not Shown)	per Bushing 1
22		*3/4" Flat Washer	2				

Sutphen | Small Clamp Group

9", 10½" Ride Height

Equipped with Drum Brake / Air Disc Brake

FIREMAAX EX 24K • 27K S • 48K





VEHICLE				VEHICLE			
KEY NO.	PART NO.	DESCRIPTION	QTY.	KEY NO.	PART NO.	DESCRIPTION	QTY.
1	67706-000	Frame Hanger	2	22		*½"-13 UNC Locknut	4
		QUIK-ALIGN Pivot Bushing Service Kits,		23		*¾" Flat Washer	2
	60961-720	Includes Key Nos. 2-7, 52		24		*¾"-16 UNF Locknut	2
	60632-020	One Wheel End		25		Longitudinal Torque Rod Assembly with Bushings 2	
		QUIK-ALIGN Collar Service Kits,		a	67428-XXX	Specify length in mm	
	60632-019	Includes Key Nos. 3-7		b	67219-XXX	Equipped with Drum Brake	
	60632-021	One Wheel End			49176-XXX	Equipped with Air Disc Brake	
	60632-018	Axle Set				Longitudinal Torque Rod Fastener Service Kit,	
		QUIK-ALIGN Fastener Service Kit, One Wheel End,				<i>See Selection Guide on Page 7</i>	
		Includes Key Nos. 5-7		26		*⅝"-11 UNC-2B Bolt	8
2		*QUIK-ALIGN Pivot Bushing	2	27		*⅝" Hardened Washer	16
3		*QUIK-ALIGN Concentric Collar	2	28		*⅝"-11 UNC-2A Locknut	8
4		*QUIK-ALIGN Eccentric Collar	2	29	34013-273	½" Torque Rod Spacer (4 Pack)	As Req.
5		*1"-14 UNF-2A x 7½" Hendrickson Coated Hex Bolt	2	30		Shim, 1.52 mm	As Req.
6		*1" Hendrickson Coated Hardened Washer	4		49689-000L	Single	
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2		34013-343	2 Pack	
8		Top Pad	2		34013-234	4 Pack	
	65289-000	Equipped with Drum Brake			34013-342	6 Pack	
	65289-XXX	Equipped with Air Disc Brake, <i>See Selection Guide on Page 6</i>		31		**TRAAX ROD Transverse Torque Rod Assembly	1
		U-bolt Service Kit, One Wheel End, Includes			8230-XXXX-XXX	Includes Bushings, Specify length in mm	
	91430-050	Kit No. 48718-501			8240-XXXX-XXX	Equipped with Meritor Axles	
	91430-048	Includes Key No. 9a				Equipped with Dana Axles	
9 a		*¾" x 9⅞" Square U-bolt	4	32	22186-000	Transverse Torque Rod Frame Bracket	1
b		*¾" x 10⅞" Square U-bolt	4	33		Axle Stop, <i>See Selection Guide on Page 3</i>	1
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,		34		Shock Absorber, <i>Locate Part No. on component</i>	2
		Includes Key Nos. 10-11		35		Upper Shock Frame Bracket	2
10		*¾" Flat Washer	8			Single Shock Absorber Fastener Service Kit,	
11		*¾"-16 UNF U-bolt Locknut	8			Includes Key Nos. 36-41, <i>See Selection Guide on Page 3</i>	
12	60556-XXX	Bottom Cap, <i>See Graphic on Page 6</i>	2	36		*¾"-10 UNC Upper Shock Bolt	2
13	65139-003	Axle Spacer, 9" Ride Height, Below Axle	2	37		*¾" Flat Washer	As Req.
	76960-001	Axle Spacer, 10" Ride Height, Above Axle		38		*¾"-10 UNC Locknut	2
14		U-beam Assembly, Includes Key Nos. 2, 15	1	39		*⅝"-11 UNC Lower Shock Bolt	2
	67249-004	Front, Single		40		*⅝" Hardened Washer	4
	67249-003	Rear		41		*⅝"-11 UNC-2B Locknut	2
	34013-107	Single D-pin Bushing Service Kit,			58525-019	Height Control Valve Assembly Service Kit,	
		Includes Key Nos. 15-18				Includes Key Nos. 42-44	
15		*D-pin Bushing	2	42	57977-000	Height Control Valve Assembly	1
	56659-012	D-pin Fastener Service Kit, Axle Set,		43	58994-005L	Linkage Assembly	1
		Includes Key Nos. 16-18		44	60921-000	Linkage Bracket	1
16		*¾"-16 UNF x 4¾" Bolt	4	45	64508-XXX	***S-cam Support Bracket, <i>Locate Part No. on component</i>	2
17		*¾" Flat Washer	8		58821-017	S-cam Fastener Service Kit, Axle Set,	
18		*¾"-16 UNF Locknut	4			Includes Key Nos. 46-51	
		Air Spring Service Kits, Single		46		*⅜"-16 UNC x 1¼" Hex Bolt	4
	60961-229	Includes Key Nos. 19-24		47		*⅜" Hardened Washer	8
	49177-039	Includes Key Nos. 20-24		48		*⅜"-16 UNC Locknut	4
	49177-023	Includes Key Nos. 21-24		49		*⅝"-16 S-cam U-bolt	2
19	67392-002	Air Spring with Upper Air Spring Bracket	2	50		*⅝"-16 Hardened Washer	8
20	60911-002	Lower Air Spring Bracket	2	51		*⅝"-18 UNC Locknut	4
21		*½" Hardened Washer	4	52	70867-001	P-80 Lubricant - 10 ml (Not Shown) per Bushing	1

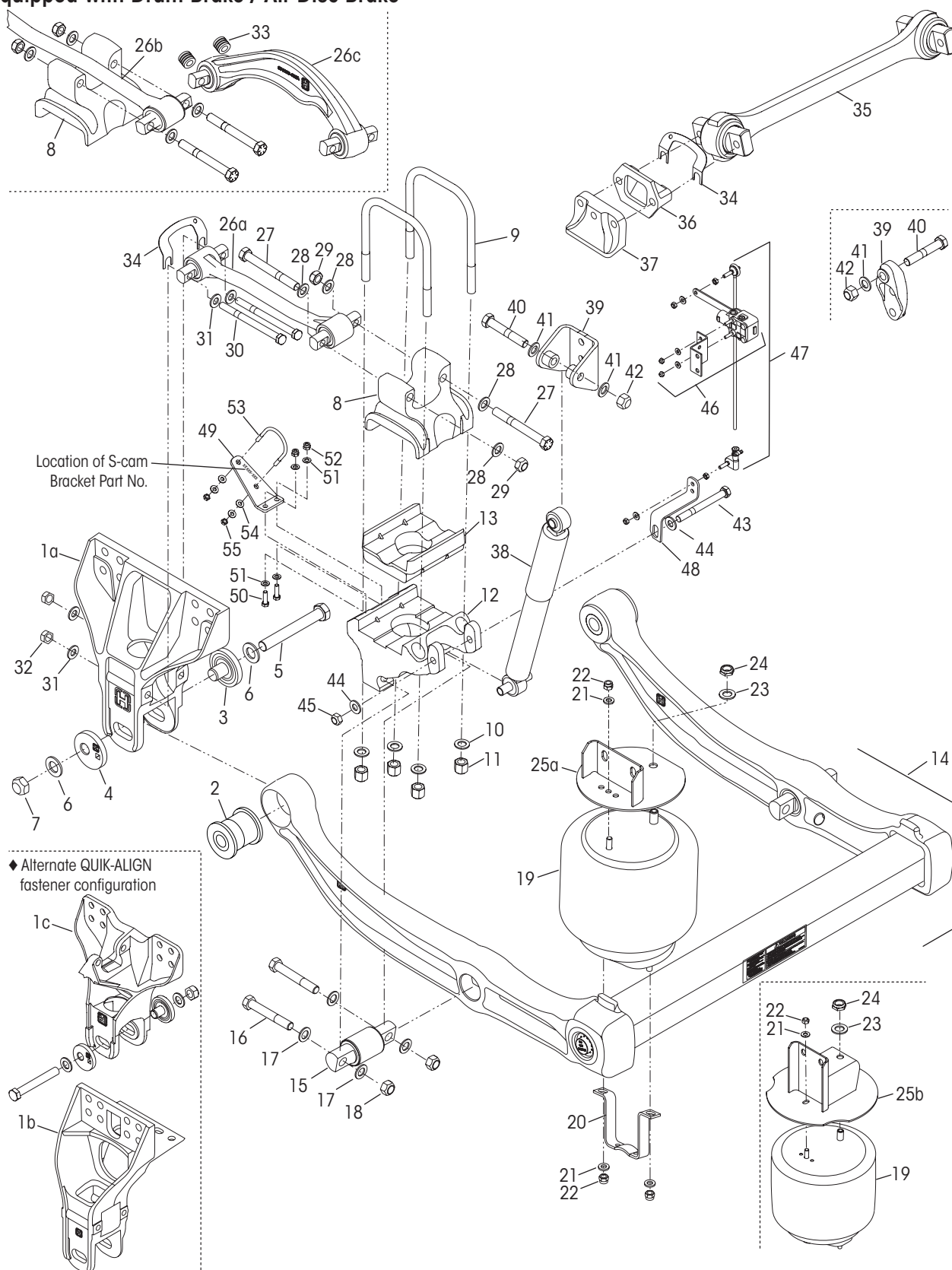
Sutphen | Large Clamp Group

8½", 9½", 10½", 12½" Ride Height

Equipped with Drum Brake / Air Disc Brake

FIREMAAX EX 27K • 31K • 31KT

T – designates Tall Ride Height





KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1		Frame Hanger	2	24		*3/4"-16 UNF Locknut	4
a	67706-000	Equipped with Drum / Disc Brake		25		Upper Air Spring Bracket	2
b	67299-001	Left Hand, Equipped with Drum Brake		a	65868-000	8 1/2", 9 1/2", 10 1/2" Ride Height	
b	67299-002	Right Hand, Equipped with Drum Brake		b	65031-010	12 1/2" Ride Height	
c	60821-001	Equipped with Air Disc Brake		26		Longitudinal Torque Rod Assembly with Bushings 2 <i>Specify length in mm</i>	2
		QUIK-ALIGN Pivot Bushing Service Kits,		a	65302-XXX	Equipped with Drum Brake	
	60961-720	Includes Key Nos. 2-7, 57		b	66359-XXX	Equipped with Air Disc Brake	
	60632-020	One Wheel End		c	91277-XXX	Equipped with Air Disc Brake	
		QUIK-ALIGN Collar Service Kits,			49176-XXX	Longitudinal Torque Rod Fastener Service Kit, <i>See Selection Guide on Page 7</i>	
	60632-019	Includes Key Nos. 3-7		27		*3/4"-16 UNF Hex Bolt	4
	60632-021	One Wheel End		28		*3/4" Flat Washer	8
	60632-018	QUIK-ALIGN Fastener Service Kit, One Wheel End,		29		*3/4"-16 UNF Locknut	4
		Includes Key Nos. 5-7		30		*5/8"-11 UNC-2B Bolt	4
2		*QUIK-ALIGN Pivot Bushing	2	31		*5/8" Hardened Washer	16
3		*QUIK-ALIGN Concentric Collar	2	32		*5/8"-11 UNC-2A Locknut	8
4		*QUIK-ALIGN Eccentric Collar	2	33	34013-272	Torque Rod Spacer, Disc Brake Only	As Req.
5		*1"-14 UNF-2A x 7 1/2" Hendrickson Coated Hex Bolt	2	34		Shim, 1.52 mm	As Req.
6		*1" Hendrickson Coated Hardened Washer	4		49689-000L	Single	
7		*1"-14 UNF-2B Hendrickson Coated Locknut	2		34013-343	2 Pack	
8	65210-XXX	Top Pad, <i>See Selection Guide on Page 4</i>	2		34013-234	4 Pack	
		<i>Replaces 65273-XXX</i>			34013-342	6 Pack	
		U-bolt Service Kits, One Wheel End, Includes		35		**TRAAX ROD Transverse Torque Rod	1
		Kit No. 48718-50				Assembly, Includes Bushings	
	91430-042	Outboard, Includes Key No. 9a			8230-0101-XXX	Equipped with Meritor Axles	
	91430-043	Inboard, Includes Key No. 9b			8240-0101-XXX	Equipped with Dana Axles	
	91430-060	Outboard, Includes Key No. 9c		36	22186-000	Transverse Torque Rod Frame Bracket	2
	91430-045	Inboard, Includes Key No. 9D		37		Axle Stop, <i>See Selection Guide on Page 3</i>	1
9		*3/4" Square U-bolt	4	38		Shock Absorber, <i>Locate Part No. on component</i>	2
a		10" Length		39		Upper Shock Frame Bracket	2
b		10.5" Length				<i>See Selection Guide on Page 3</i>	
c		11.5" Length				Single Shock Absorber Fastener Service Kit,	
d		12" Length				Includes Key Nos. 40-45, <i>See Selection Guide</i> <i>on Page 3</i>	
	48718-501	U-bolt Fasteners Service Kit, One Wheel End,		40		*3/4"-10 UNC Upper Shock Bolt	4
		Includes Key Nos. 10-11		41		*3/4" Flat Washer	As Req.
10		*3/4" Flat Washer	8	42		*3/4"-10 UNC Locknut	4
11		*3/4"-16 UNF U-bolt Locknut	8	43		*5/8"-11 UNC Lower Shock Bolt	4
12		Bottom Cap, <i>See Selection Guide on Page 4</i>	2	44		*5/8" Hardened Washer	8
13		Axle Spacer - 8 1/2" & 12 1/2" Ride Height Only	2	45		*5/8"-11 UNC-2B Locknut	4
		<i>See Selection Guide on Page 4</i>				Height Control Valve Assembly Service Kit,	
14	67249-006	U-beam Assembly, Includes Key Nos. 2,15	1		58525-019	Includes Key Nos. 46-48a	
	34013-114	Single D-pin Bushing Service Kit,			58525-058	Includes Key Nos. 46-48b	
		Includes Key Nos. 15-18		46	57977-000	Height Control Valve Assembly	1
15		*D-pin Bushing	2	47	58994-005L	Linkage Assembly	1
	56659-010	D-pin Fastener Service Kit, Axle Set,		48a	60921-000	Linkage Bracket	1
		Includes Key Nos. 16-18		b	60921-002	Linkage Bracket	1
16		*7/8"-14 UNF x 5.0" Bolt	4	49	64508-XXX	***S-cam Support Bracket, <i>Locate Part No.</i>	4
17		*7/8" Flat Washer	8			<i>on component</i>	
18		*7/8"-14 UNF Locknut	4		34013-460	S-cam Fastener Service Kit, Axle Set	
		Air Spring Service Kits, Single				Includes Key Nos. 50-55	
	60961-665	Includes Key Nos. 19-25a		50		*3/8"-16 UNC x 1 1/2" Hex Bolt	8
	49177-039	Includes Key Nos. 20-24		51		*3/8" Hardened Washer	16
	49177-023	Includes Key Nos. 21-24		52		*3/8"-16 UNC Locknut	8
	68056-002	Includes Key Nos. 19, 21-25a		53		*5/16" S-cam U-bolt	4
19	67044-002L	Air Spring	2	54		*5/16" Hardened Washer	16
20	60911-002	Lower Air Spring Mounting Bracket	4	55		*5/16"-18 UNC Locknut	8
21		*1/2" Hardened Washer	8	56	30272-000	Pressure Protection Valve (Not Shown)	1
22		*1/2"-13 UNC Locknut	8	57	70867-001	P-80 Lubricant - 10 ml (Not Shown)	per Bushing 1
23		*3/4" Flat Washer	4				

■ **Special Tools**

D-PIN / QUIK-ALIGN PIVOT BUSHING SERVICE TOOLS

PIN & BUSHING STARTER KIT

Tiger Tool Part No. 15000

For use with Pin & Bushing Adapter Kit

Visit tigertool.com



PIN & BUSHING ADAPTER KIT

Tiger Tool Part No. 15042

For use with Pin & Bushing Starter Kit

Visit tigertool.com



BUSHING KIT WITH PUMP

OTC Part No. 4247-FR

Visit otctools.com



BUSHING ADAPTER KIT

OTC Part No. 4254-FR

For use with OTC Part No. 4247-fr

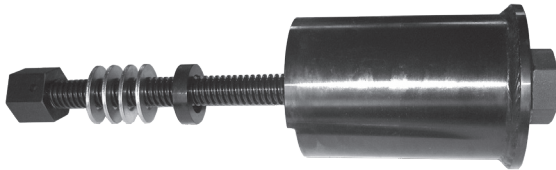
Visit otctools.com



QUIK-ALIGN PIVOT BUSHING SERVICE TOOL

Hendrickson Part No. 66086-203L

Reference Hendrickson Literature No. 59310-061



QUIK-ALIGN SOCKET TOOL

OTC Part No. 1767

Visit otctools.com

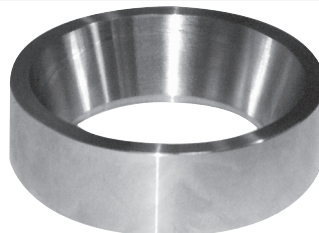


TORQUE ROD BUSHING TOOLS

FUNNEL

Hendrickson Part No. 66086-001L

ULTRA ROD®



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 855.743.3733 (Toll-free U.S. and Canada), 630.910.2800 (Outside U.S. and Canada) or email: truckparts@hendrickson-intl.com.

Actual product performance may vary depending upon vehicle configuration, operation, service and other factors.

All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration.

Contact Hendrickson for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.

Call Hendrickson at 630.910.2800 or 855.RIDERED (855.743.3733) for additional information.



www.hendrickson-intl.com

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