

H PARTS LIST

ULTIMAAX® 63K Rear Suspension for Fire and Rescue Vehicles

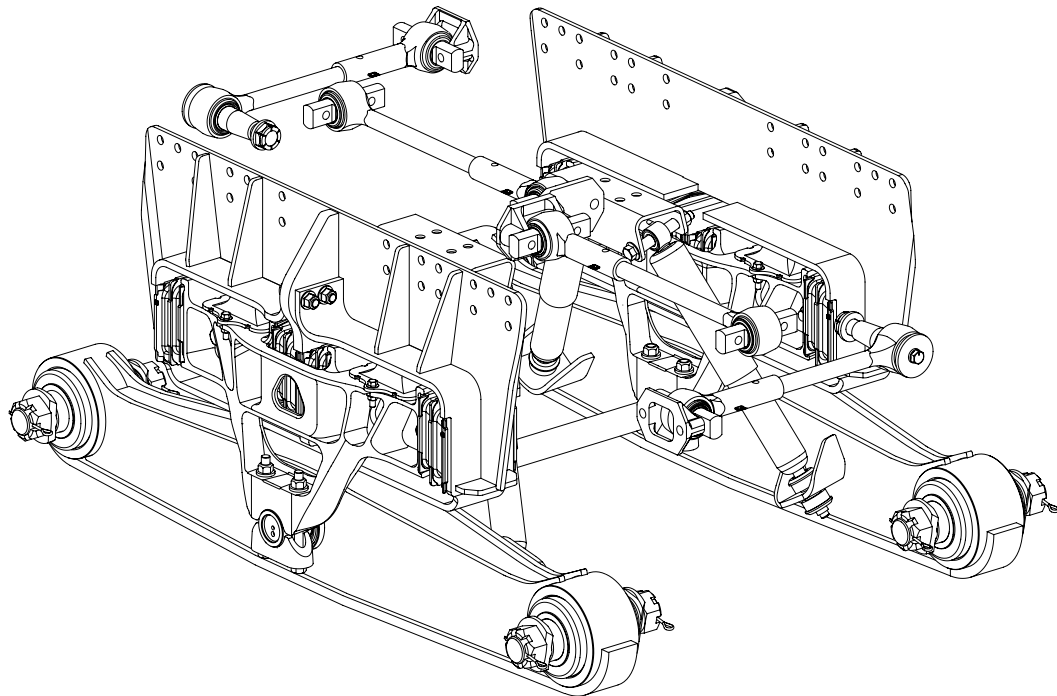
LIT NO: SP-299

DATE: December 2016

REVISION: B

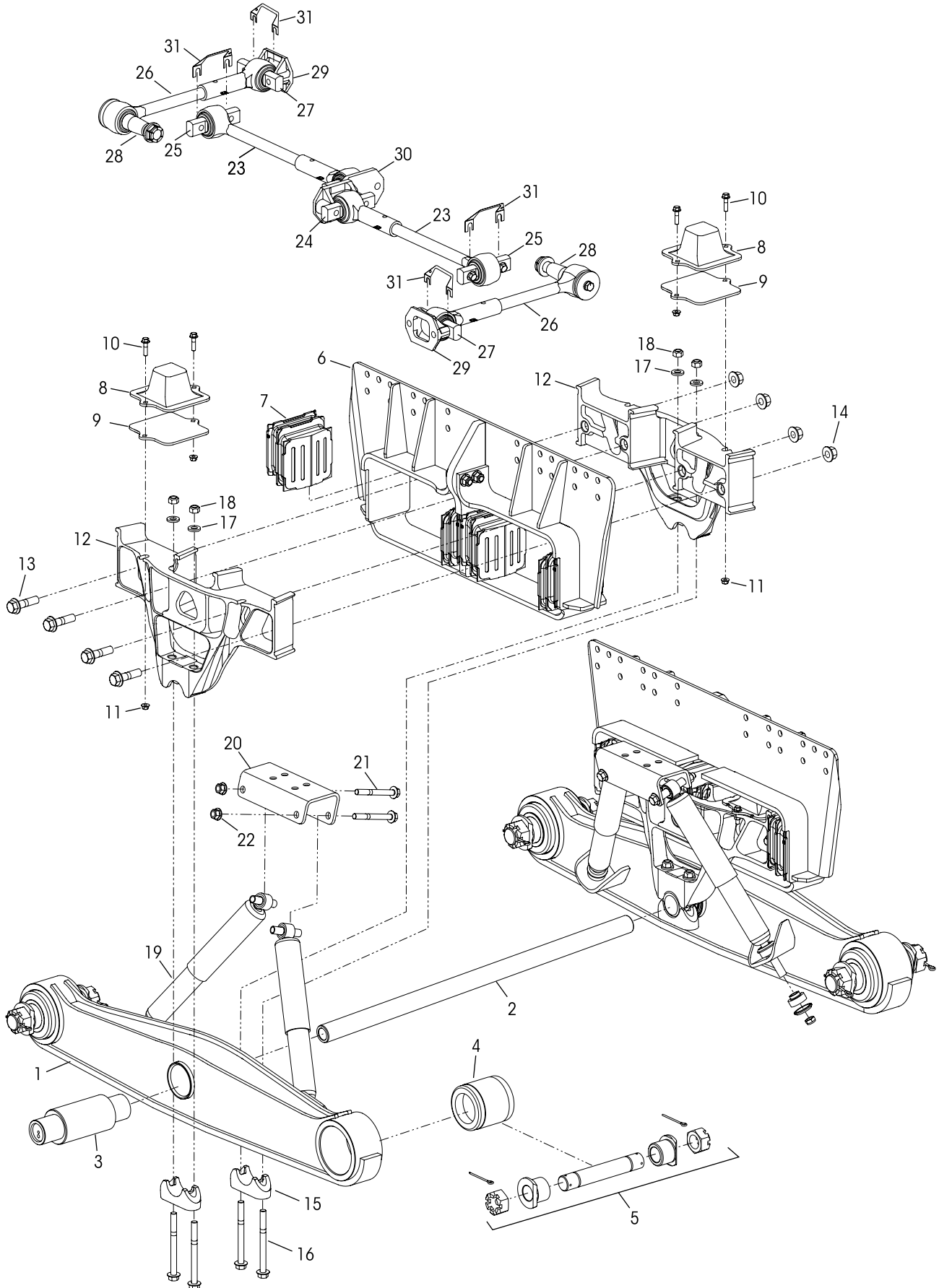
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63K Capacity





ULTIMAAX® 63K for Fire and Rescue Vehicles

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1		Equalizing Beam Assembly w/Shock Bracket Includes Key Nos. 3,5	2	13		*M20 x 1.5 x 75 mm Flange Bolt	8
	78634-560	56" Beam Length (Rosenbauer)		14		*M20 x 10.5 Flange Locknut	8
	78634-540	54" Beam Length (KME)		15	77205-001	Saddle Cap, <i>Replaces 77374-001</i>	4
	60961-759	Cross Tube Service Kit , Includes Key No. 2 and Weldable Loose Plug			60961-768	Saddle Cap Fasteners Service Kit, One Side , Includes Key Nos. 16-18	
2	44642-008	Cross Tube - 1, 140 mm	1	16		*M16 x 2 x 180 mm Flange Bolt	8
3	69538-000L	Center Bushing	2	17		*M16 Washer	8
	34013-052	Rubber End Bushing and Adapter Service Kit, One Wheel End , Includes Key Nos. 4-5		18		*M16 x 2 Locknut	8
4		*End Bushing	4	19	60680-016L	Shock Absorber	4
5	21140-007	End Bushing Adapter Assembly	4	20	77591-002	Upper Shock Bracket	2
6		Frame Hanger	2		60961-818	Upper Shock Fasteners Service Kit, One Beam , Includes Key Nos. 21-22	
	70912-005	10½" Ride Height 35" Frame Width (Rosenbauer)		21		*M16 x 2 x 140 mm Flange Bolt	4
	78726-001	10" Ride Height 34" Frame Width (KME)		22		*M16 x 2 Flange Locknut	4
	60961-749	Shear Spring and Progressive Load Spring Service Kit, One Side , Includes Key Nos. 7-8, 10-11, 13-14, 16-18, 32		23		Two-piece Longitudinal Torque Rod, Straddle/Straddle	2
	60961-750	Shear Spring Service Kit, One Side , Includes Key Nos. 7, 13-14, 16-18, 32			65781-005	Rosenbauer, Includes Key No. 24a-25	
7		*Shear Spring	8		65781-006	KME, Includes Key No. 24b-25	
	60961-751	Progressive Load Spring Service Kit, One Side Includes Key Nos. 8, 10-11		24		XTRB Straddle Bushing to Cross Member Bracket	2
8		*Progressive Load Spring	4	a	66649-005L	Rosenbauer	
9		*Spacer	4	b	66649-002L	KME	
	34013-196	Progressive Load Spring Fastener Service Kit, One Side , Includes Key Nos. 10-11		25	66649-003L	XTRB Straddle Bushing to Axle Bracket	2
10		*M10 x 1.5 x 40 mm Flange Bolt	8	26	65781-002	**Two-piece Transverse Torque Rod Straddle/Taper Includes Key Nos. 27-28	2
11		*M10 x 1.5 Flange Locknut	8	27	66649-002L	XTRB Straddle Bushing	2
12	70886-000	Saddle Assembly	4	28	66649-004L	XTRB Taper Bushing	2
	34013-197	Saddle Fasteners Service Kit, One Side , Includes Key Nos. 13-14		29	22186-000	Torque Rod Frame Bracket	2
				30		Torque Rod Cross Member Bracket	2
					30828-000	Rosenbauer	
					22186-000	KME	
				31	67779-002	Torque Rod Shim	As Req.
				32	70867-001	P-80 Lubricant - 10 ml (Not Shown)	As Req.

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

** Transverse torque rods are mandatory for the ULTIMAAX rear suspension regardless of axle spacing.

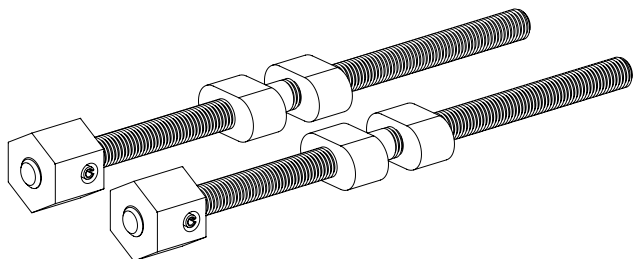
Hendrickson Lit. No. 48422-592 — ULTIMAAX Gauge Card can be use to measure the progressive load spring (PLS) height and the length of cut / split and depth of separation in shear spring and PLS.



■ Special Tools

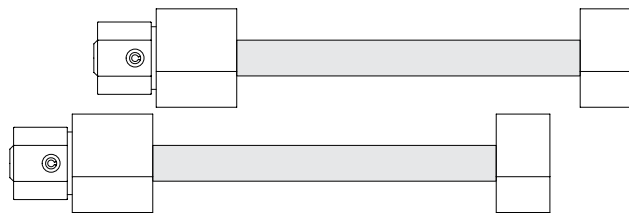
SADDLE DISASSEMBLY TOOL

Hendrickson Part No. 66086-113L



SADDLE ASSEMBLY TOOL

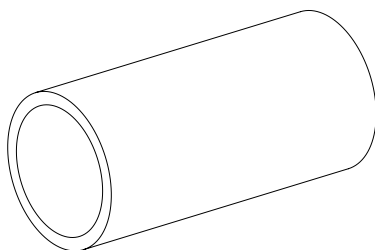
Hendrickson Part No. 66086-108L



CENTER BUSHING TOOLS

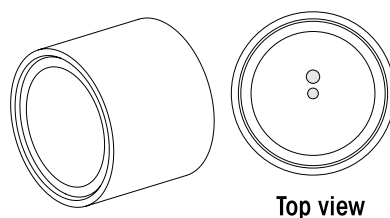
RECEIVING TOOL

Hendrickson Part No. 66086-112



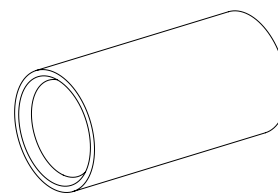
INSTALLATION TOOL

Hendrickson Part No. 66086-107



REMOVAL TOOL

Hendrickson Part No. 66086-110



ADAPTER STYLE END BUSHING TOOLS

End Bushing
Removal / Replacement Adapter
OTC Part Number 208350



Clamp
OTC Part Number 208349



Center Bushing
Removal / Replacement Adapter
OTC Part Number 28541
Not Needed for this publication



Hendrickson Part No. 66086-101

OTC Part No. 1763

Visit otctools.com

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), 630.910.2800 (Outside U.S. and Canada) or e-mail: truckparts@hendrickson-intl.com.

www.hendrickson-intl.com



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