

H PARTS LIST

ULTIMAAX® Rear Suspension for Kenworth Vehicles

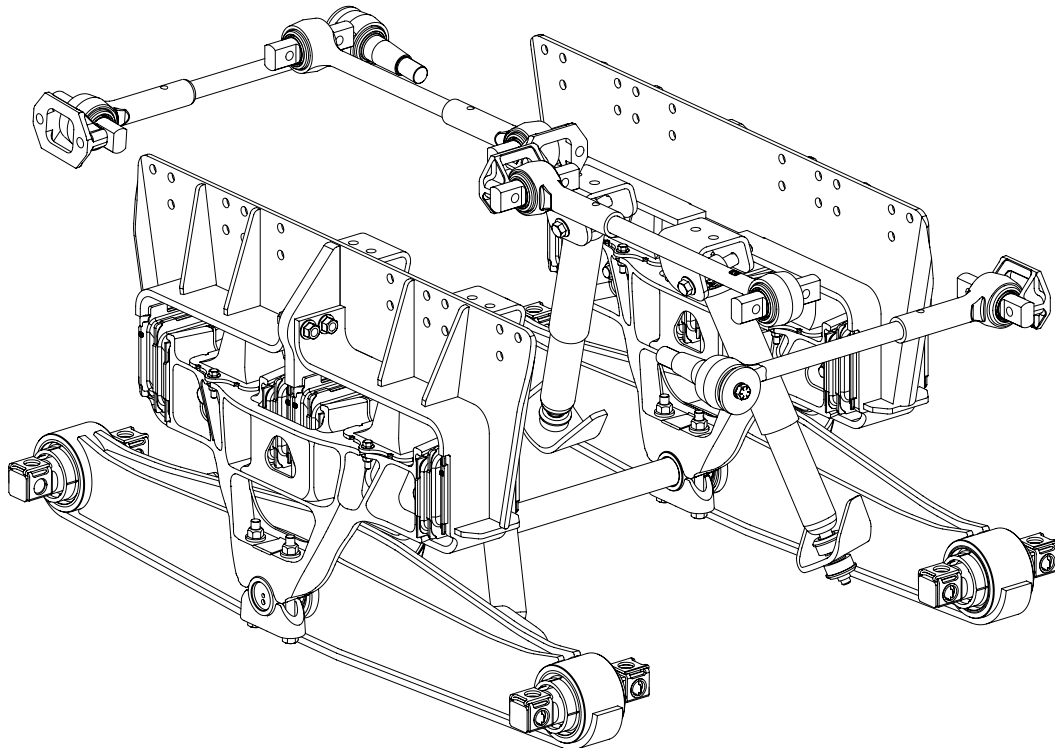
LIT NO: SP-301

DATE: October 2016

REVISION: A

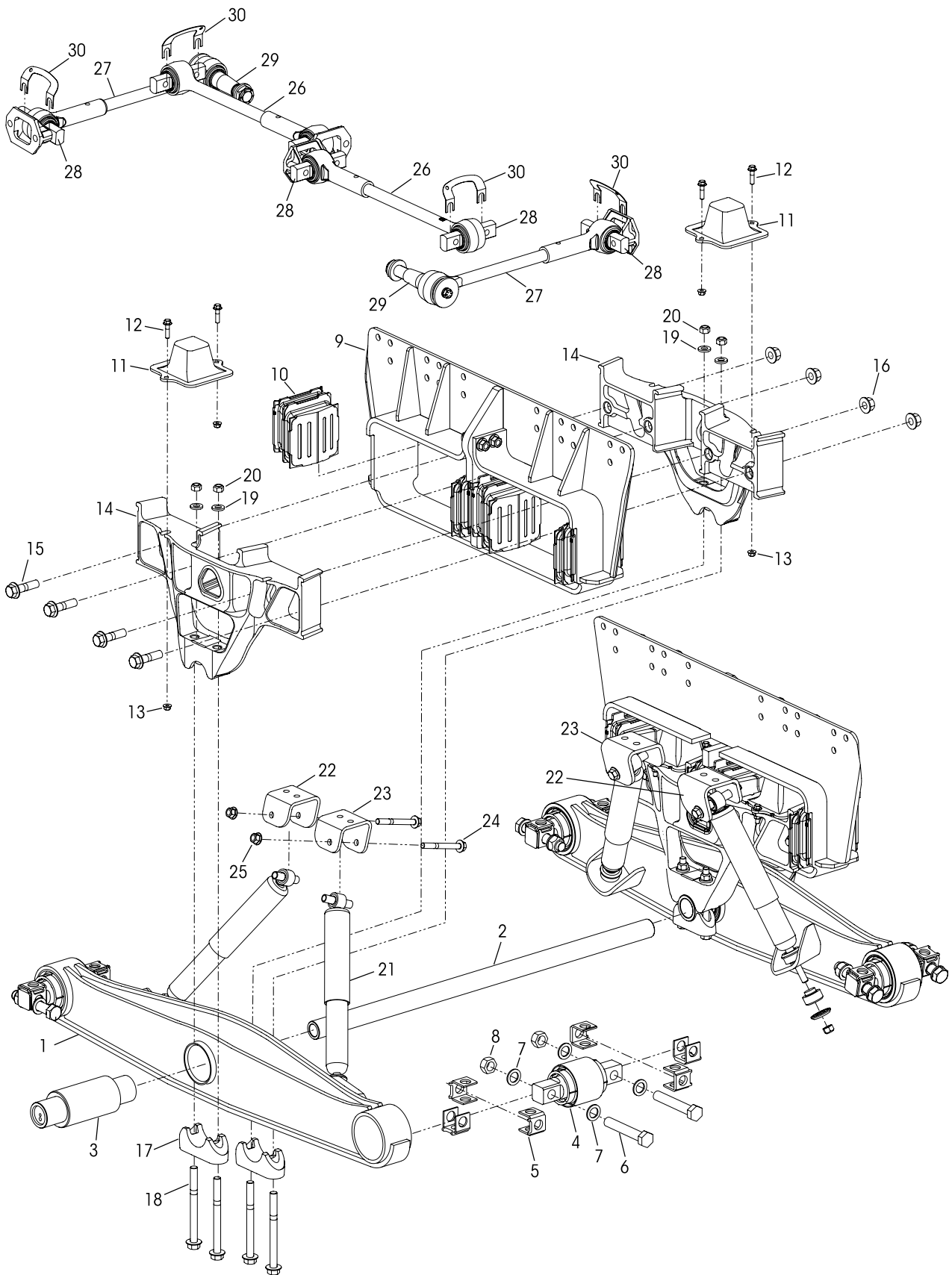
CONTENTS

DESCRIPTION	PAGE
Parts List	2
Special Tools	4





46K • 52K Capacity • 11" Ride Height





KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1		Equalizing Beam Assembly w/Shock Bracket Includes Key Nos. 3-5a	2	11		*Progressive Load Spring	4
	78489-540	54" Beam Length			34013-196	Progressive Load Spring Fasteners Service Kit, One Side , Includes Key Nos. 12-13	
	78489-560	56" Beam Length		12		*M10 x 1.5 x 40 mm 6G Flange Bolt	8
	60961-759	Cross Tube Service Kit , Includes Key No. 2 and Weldable Loose Plug		13		*M10 x 1.5 Flange Lock Nut	8
2	44642-008	Cross Tube - 1140 mm	1	14	70886-000	Saddle Assembly	4
	60961-755	Equalizing Beam Bushings Service Kit, One Beam , Includes Key No. 3-4, 6-8, 18-20			34013-197	Saddle Only Fasteners Service Kit, One Side , Includes Key Nos. 15-16	
3	69538-000L	Center Bushing	2	15		*M20 x 1.5 x 75 mm Flange Bolt	8
	60961-752	End Bushing Service Kit, One Wheel End , Includes Key Nos. 4-8		16		*M20 x 1.5 Flange Nut	8
4		*Bar Pin End Bushing Assembly, Includes Key No. 5a		17	77205-001	Saddle Cap. <i>Replaces 77374-001</i>	4
5		Bar Pin Shim	8		60961-768	Saddle Cap Fasteners Service Kit, One Side , Includes Key Nos. 18-20	
a	50130-000	0.19" / 0.19" Standard		18		*M16 x 2 x 6G x 180 mm Flange Bolt	8
b	50131-000	0.25" / 0.12" Optional		19		*M16 Flat Washer	8
c	57026-000	0.375" Optional flat shim		20		*M16 x 2 x 6H Nut	8
		End Bushing Fasteners Service Kit , Includes Key Nos. 6-8		21	60680-015L	Shock Absorber	4
	56659-001	Axle Set				Upper Shock Bracket	
	56659-005	One Beam		22	78630-001	LHF / RHR	2
	34013-104	One Wheel End		23	78630-002	RHF / LHR	2
6		*1"-8 UNC x 6" Bolt	8		60961-818	Upper Shock Fasteners Service Kit, One Beam , Includes Key Nos. 24-25	
7		*1" Hardened Washer	16	24		*M16 x 2 x 140 mm Flange Bolt	4
8		*1"-8 UNC Locknut	8	25		*M16 x 2 Flange Nut	4
9		Frame Hanger, 34" Width, 11" Ride Height	2	26		ULTRA ROD® PLUS™ Longitudinal Torque Rod, Straddle/Straddle Includes Key No. 28	2
	70912-204	7" Axle Hanger Drop			92000-610S	Front	
	70912-205	7¾" Axle Hanger Drop			92000-660S	Rear	
	60961-749	Shear and Progressive Load Spring Service Kit, One Side , Includes Key Nos. 10-13, 15-16, 18-20, 31		27	92350-605S	**ULTRA ROD PLUS Transverse Torque Rod Straddle/Taper Includes Key Nos. 28-29	2
	60961-750	Shear Spring Service Kit, One Side Includes Key Nos. 10, 15-16, 18-20, 31		28	66649-002L	XTRB Straddle Bushing	6
10		*Shear Spring	8	29	66649-004L	XTRB Taper Bushing	2
	60961-751	Progressive Load Spring Service Kit, One Side Includes Key Nos. 11-13		30	49689-000L	Torque Rod Shim	As Req.
				31	70867-001	P-80 Lubricant - 10 ml (Not Shown)	As Req.

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

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

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

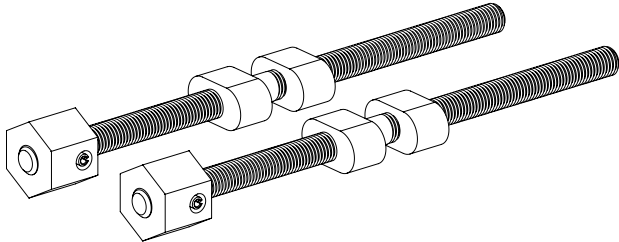


■ Special Tools

SADDLE ASSEMBLY TOOLS

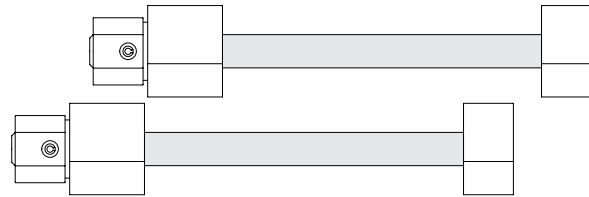
DISASSEMBLY TOOL

Hendrickson Part No. 66086-113L



ASSEMBLY TOOL

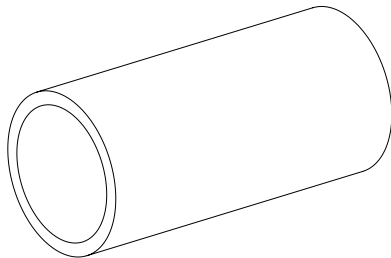
Hendrickson Part No. 66086-108L



CENTER BUSHING TOOLS

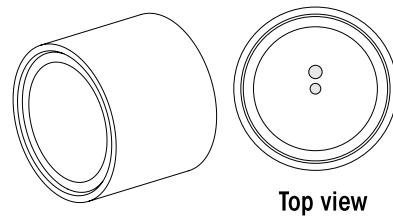
RECEIVING TOOL

Hendrickson Part No. 66086-112



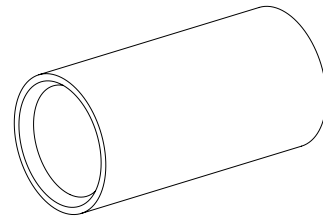
INSTALLATION TOOL

Hendrickson Part No. 66086-107



REMOVAL TOOL

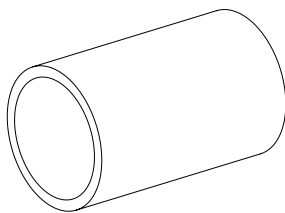
Hendrickson Part No. 66086-110



END BUSHING TOOLS

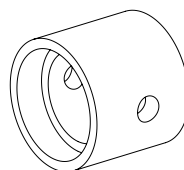
RECEIVING TOOL

Hendrickson Part No. 66086-111



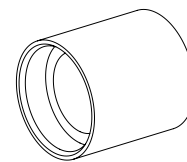
INSTALLATION TOOL

Hendrickson Part No. 66086-106



REMOVAL TOOL

Hendrickson Part No. 66086-109



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



Truck Commercial Vehicle Systems
800 South Frontage Road
Woodridge, IL 60517-4904 USA

1.866.755.5968 (Toll-free U.S. and Canada)
1.630.910.2800 (Outside U.S. and Canada)
Fax 1.630.910.2899