

H PARTS LIST

**ULTIMAAX® Rear Suspension
for International Truck Vehicles
Operated in Mexico, Central and
South America**

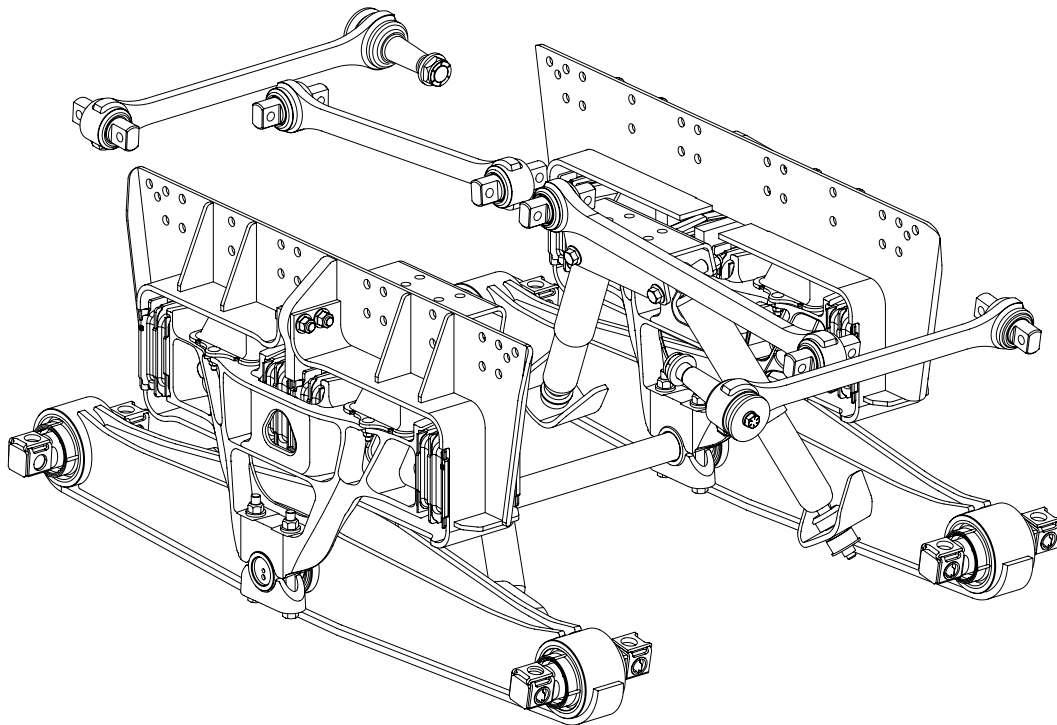
LIT NO: SP-317

DATE: September 2018

REVISION: A

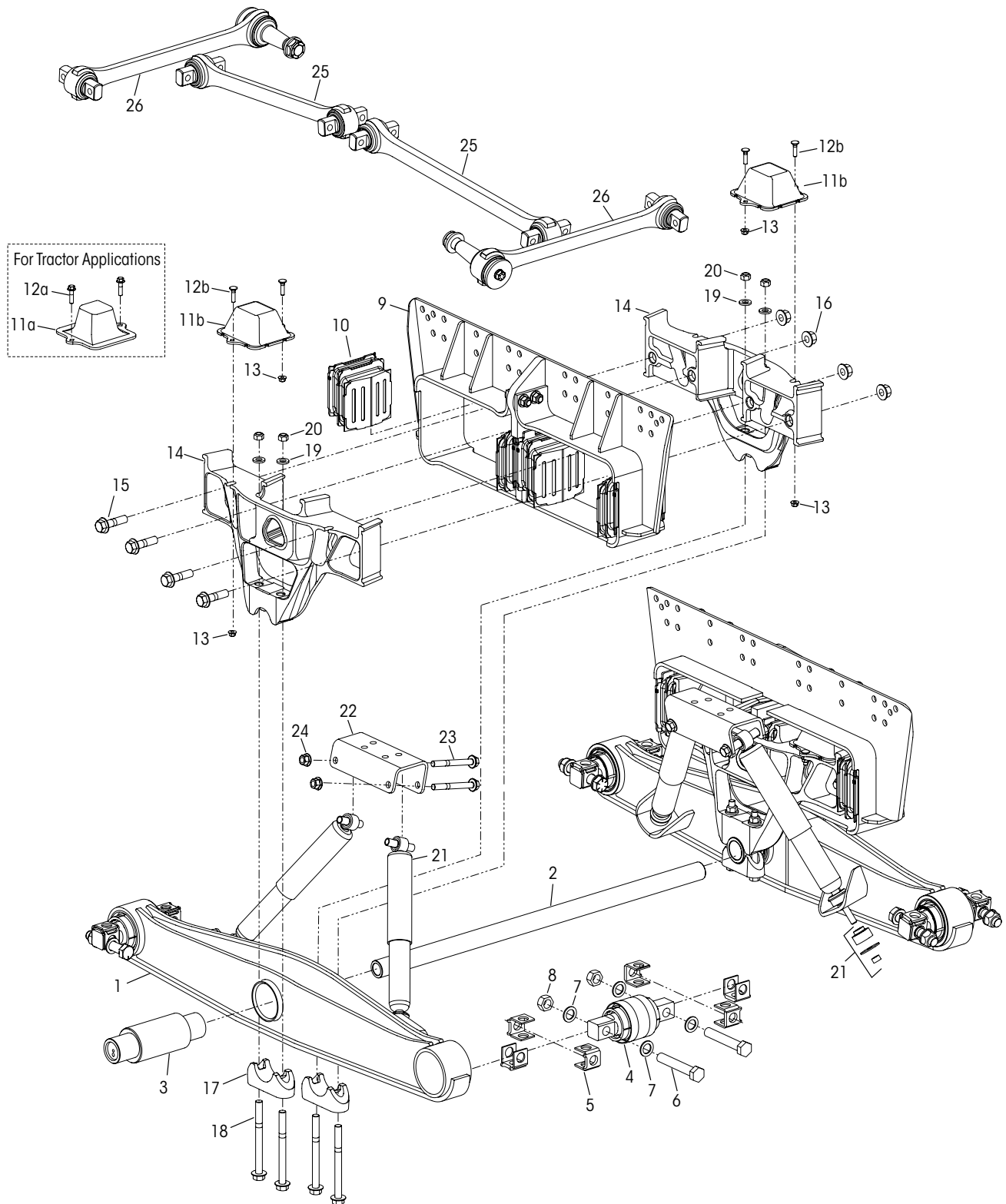
CONTENTS

DESCRIPTION	PAGE
Parts List	2
Service Kits	4
Special Tools	5





46K • 52K Capacity





ULTIMAAX® for International Truck Vehicles – Mexico, Central and South America

KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.	KEY NO.	PART NO.	DESCRIPTION	VEHICLE QTY.
1	78489-540	Equalizing Beam Assembly with Shock Bracket 54" Beam Length, Includes Key Nos. 3-4	2			Progressive Load Spring Fasteners Service Kit, One Side	
	60961-759	Cross Tube Service Kit , Includes Key No. 2 and Weldable Loose Plug (Not Shown)			34013-196	Tractor, Includes Key Nos. 12a-13	
2	44642-008	Cross Tube - 1140 mm	1		60961-812	Truck, Includes Key Nos. 12b-13	
	60961-755	Equalizing Beam Bushings Service Kit, One Beam , Includes Key No. 3-4, 6-8, 18-20		12		*M10 x 1.5 x 6G Bolt	8
3	69538-000L	Center Bushing	2	a		Tractor, Flange Bolt, 40 mm	
	60961-752	End Bushing Service Kit, One Wheel End , Includes Key Nos. 4-8		b		Truck, Round Head Square Neck Bolt, 35 mm	
4		*Bar Pin End Bushing Assembly, Includes Key No. 5a		13		*M10 x 1.5 Flange Locknut	8
5		Bar Pin Shim	8	14	70886-000	Saddle Assembly	4
a	50130-000	0.19" / 0.19" Standard			34013-197	Saddle Only Fasteners Service Kit, One Side , Includes Key Nos. 15-16	
b	50131-000	0.25" / 0.12" Optional		15		*M20 x 1.5 x 75 mm Flange Bolt	8
c	57026-000	0.375" Optional flat shim		16		*M20 x 1.5 Flange Nut	8
		End Bushing Fasteners Service Kit , Includes Key Nos. 6-8		17	77205-001	Saddle Cap	4
	56659-001	Tandem			60961-768	Saddle Cap Fasteners Service Kit, One Side , Includes Key Nos. 18-20	
	56659-005	One Beam		18		*M16 x 2 x 6G x 180 mm Flange Bolt	8
	34013-104	One Wheel End		19		*M16 Flat Washer	8
6		*1"-8 UNC x 6" Bolt	8	20		*M16 x 2 x 6H Nut	8
7		*1" Hardened Washer	16	21		**Shock Absorber	4
8		*1"-8 UNC Locknut	8	a	60680-015L	46K	
9		Frame Hanger, 34.75" Width, 9.5" Ride Height	2	b	60680-016L	52K	
	80579-002	46K, 7" Axle Drop		22	77591-006	Upper Shock Bracket	4
	80579-003	52K, 7" Axle Drop			60961-818	Upper Shock Fasteners Service Kit, One Beam , Includes Key Nos. 23-24	
	80579-004	52K, 7¾" Axle Drop		23		*M16 x 2 x 140 mm Flange Bolt	4
		Shear and Progressive Load Spring Service Kit, One Side		24		*M16 x 2 Flange Nut	4
	60961-749	Tractor, Includes Key Nos. 10, 11a, 12a, 13, 15-16, 18-20, 28		25		TRAAX ROD™ Longitudinal Torque Rod, Straddle/Straddle, Includes Straddle Bushings	2
	60961-771	Truck, Includes Key Nos. 10, 11b, 12b, 13, 15-16, 18-20, 28			8240-0001-600	Front (Standard)	
	60961-750	Shear Spring Service Kit, One Hanger , Includes Key Nos. 10, 15-16, 18-20, 28			8240-0001-605	Front (Alternate)	
10		*Shear Spring	8		8240-0001-725	Rear (Standard)	
		Progressive Load Spring Service Kit, One Side			8240-0001-730	Rear (Alternate)	
	60961-751	Tractor, Includes Key Nos. 11a, 12a, 13			8240-0001-745	Rear (Alternate)	
	60961-822	Truck, Includes Key Nos. 11b, 12b, 13		26	8244-0099-610	***TRAAX ROD Transverse Torque Rod Straddle/Taper, Includes Straddle and Taper Bushings	2
11		*Progressive Load Spring	4			Torque Rod Shim (Not Shown)	As Req.
a		Tractor		27	49689-000L		As Req.
b		Truck		28	70867-001	P-80 Lubricant - 10 ml (Not Shown)	

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

** Shock absorbers are mandatory for the tractor applications and optional for truck applications.

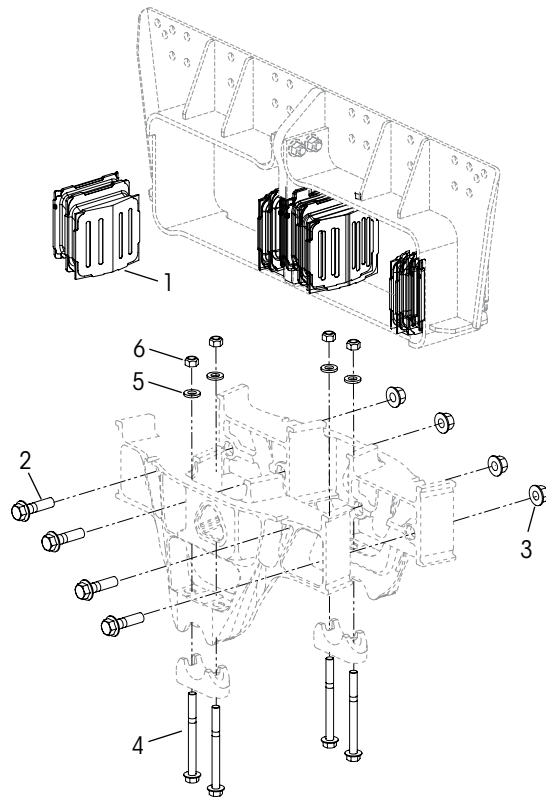
*** Transverse rods are mandatory for the ULTIMAAX rear suspension regardless of axle spacing.

Hendrickson Lit. Nos. 48422-592SP (Tractor PLS 77382-001) and **48422-598SP** (Truck PLS 78897-001) – ULTIMAAX Gauge Card can be used to measure in unloaded condition (1) the height of the progressive load spring (PLS) and (2) the length of cut / split of the shear spring and PLS available online at www.hendrickson-intl.com/Litform.



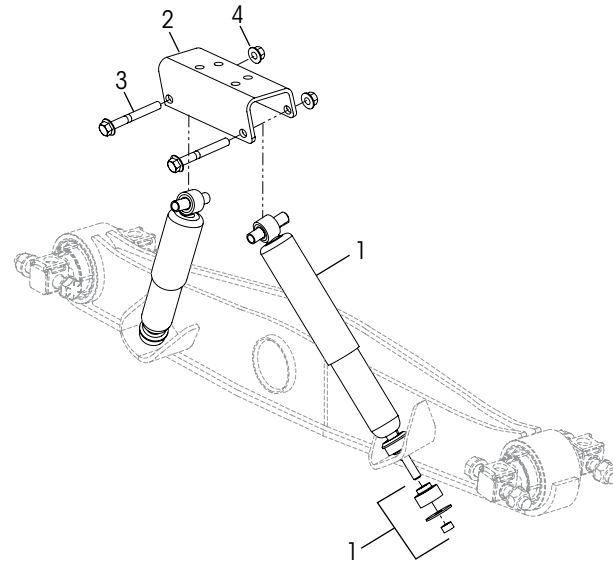
■ Service Kits

Service Kit No. | Shear Spring
60961-750 | One Hanger



KEY NO.	PART NO.	DESCRIPTION	KIT QTY.
1		*Shear Spring	4
2		*M20 x 1.5 x 75 mm Flange Bolt	4
3		*M20 x 1.5 Flange Nut	4
4		*M16 x 2 x 6G x 180 mm Flange Bolt	4
5		*M16 Flat Washer	4
6		*M16 x 2 x 6H Nut	4
7	70867-001	P-80 Lubricant - 10 ml (Not Shown)	2

Service Kit No. | Aftermarket Shock Absorber
34013-304 - 46K | Axle Set
34013-305 - 52K | for Truck Applications



KEY NO.	PART NO.	DESCRIPTION	KIT QTY.
1		*Shock Absorber	4
2		*Upper Shock Bracket	4
3		*M16 x 2 x 140 mm Flange Bolt	4
4		*M16 x 2 Flange Nut	4

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

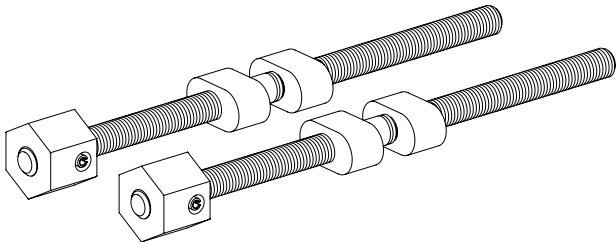


■ Special Tools

SADDLE ASSEMBLY TOOLS

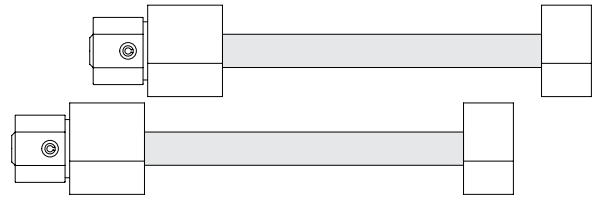
DISASSEMBLY TOOL

Hendrickson Part No. 66086-113L



ASSEMBLY TOOL

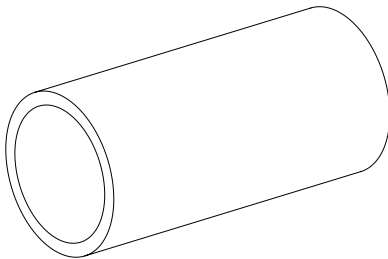
Hendrickson Part No. 66086-108L



CENTER BUSHING TOOLS

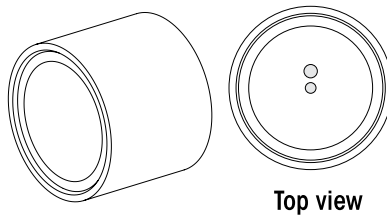
RECEIVING TOOL

Hendrickson Part No. 66086-112



INSTALLATION TOOL

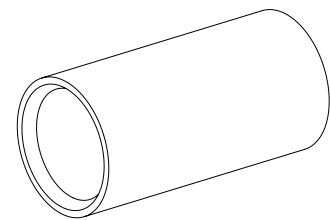
Hendrickson Part No. 66086-107



Top view

REMOVAL TOOL

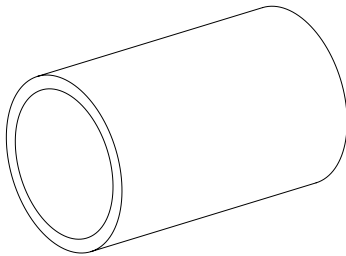
Hendrickson Part No. 66086-110



END BUSHING TOOLS

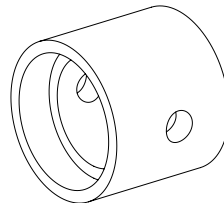
RECEIVING TOOL

Hendrickson Part No. 66086-111



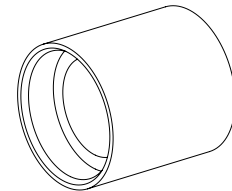
INSTALLATION TOOL

Hendrickson Part No. 66086-106



REMOVAL TOOL

Hendrickson Part No. 66086-109



Esta es una lista de partes general para proporcionar información, los componentes pueden variar por modelo. Para preguntas sobre partes, contacte a Hendrickson al tel. (52) 442 296 3600 o envíe un email a: truckparts@hendrickson-intl.com.

www.hendrickson-intl.com



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