

HENDRICKSON USE ONLY

ORDERING GUIDE

INTRAAX® - SP AAZ PLATFORM SLIDER SUSPENSION

LIT NO: L802

DATE: November 2011

REVISION: I

FORM INSTRUCTIONS:

For price and model number information on an INTRAAX®-SP platform slider suspension system, fax this completed form to 800.696.4416 in the U.S. or 905.789.1033 in Canada. For additional assistance, please call toll-free 866.RIDEAIR (743.3247) in the U.S. or 800.668.5360 in Canada.

TO:	FROM:	COMPANY NAME:
DATE:	PHONE:	FAX:

SAME AS:	EXCEPT:
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SLIDER / SUSPENSION

	<input type="checkbox"/> SINGLE	<input type="checkbox"/> TANDEM	<input type="checkbox"/> SINGLE	<input type="checkbox"/> TANDEM
AXLE ARRANGEMENT:				
PLATFORM SLIDER MODEL:	<input type="checkbox"/> AAZNT 23K	<input type="checkbox"/> AAZNT 46K	<input type="checkbox"/> AAZL 23K	<input type="checkbox"/> AAZL 46K
AXLE SPREAD:	N/A	<input type="checkbox"/> 49" <input type="checkbox"/> 60" <input type="checkbox"/> 72"	N/A	<input type="checkbox"/> 49" <input type="checkbox"/> 60" <input type="checkbox"/> 72"
RIDE HEIGHT:	<input type="checkbox"/> 13.5" <input type="checkbox"/> 14" <input type="checkbox"/> 15" <input type="checkbox"/> 16" <input type="checkbox"/> 17"	<input type="checkbox"/> 13.5" <input type="checkbox"/> 14" <input type="checkbox"/> 15" <input type="checkbox"/> 16" <input type="checkbox"/> 17"	<input type="checkbox"/> 6.5" <input type="checkbox"/> 7.5" <input type="checkbox"/> 8" <input type="checkbox"/> 9" <input type="checkbox"/> 12"	<input type="checkbox"/> 6.5" <input type="checkbox"/> 7.5" <input type="checkbox"/> 8" <input type="checkbox"/> 9" <input type="checkbox"/> 12"
I-BEAM CENTERS / AXLE TRACK¹:	<input type="checkbox"/> 37" / 71.5" <input type="checkbox"/> 38" / 71.5" <input type="checkbox"/> 43" / 77.5" <input type="checkbox"/> 44" / 77.5"	<input type="checkbox"/> 37" / 71.5" <input type="checkbox"/> 38" / 71.5" <input type="checkbox"/> 43" / 77.5" <input type="checkbox"/> 44" / 77.5"	<input type="checkbox"/> 37" / 71.5" <input type="checkbox"/> 38" / 71.5" <input type="checkbox"/> 43" / 77.5" <input type="checkbox"/> 44" / 77.5"	<input type="checkbox"/> 37" / 71.5" <input type="checkbox"/> 38" / 71.5" <input type="checkbox"/> 43" / 77.5" <input type="checkbox"/> 44" / 77.5"
I-BEAM BOTTOM FLANGE WIDTH²:	<input type="checkbox"/> 4" <input type="checkbox"/> 4.5" <input type="checkbox"/> 5"	<input type="checkbox"/> 4" <input type="checkbox"/> 4.5" <input type="checkbox"/> 5"	<input type="checkbox"/> 4" <input type="checkbox"/> 4.5" <input type="checkbox"/> 5"	<input type="checkbox"/> 4" <input type="checkbox"/> 4.5" <input type="checkbox"/> 5"
I-BEAM BOTTOM FLANGE THICKNESS:	<input type="checkbox"/> .375" TO .500" <input type="checkbox"/> Greater than .500" Not to exceed .750"	<input type="checkbox"/> .375" TO .500" <input type="checkbox"/> Greater than .500" Not to exceed .750"	<input type="checkbox"/> .375" TO .500" <input type="checkbox"/> Greater than .500" Not to exceed .750"	<input type="checkbox"/> .375" TO .500" <input type="checkbox"/> Greater than .500" Not to exceed .750"
CUSTOMER-SUPPLIED WEB REINFORCEMENT PLATES²:	<input type="checkbox"/> Inner (3/16" max. thickness) <input type="checkbox"/> Outer	<input type="checkbox"/> Inner (3/16" max. thickness) <input type="checkbox"/> Outer	<input type="checkbox"/> Inner (3/16" max. thickness) <input type="checkbox"/> Outer	<input type="checkbox"/> Inner (3/16" max. thickness) <input type="checkbox"/> Outer
SHOCK ABSORBER:	<input type="checkbox"/> Standard	<input type="checkbox"/> Standard	<input type="checkbox"/> Standard	<input type="checkbox"/> Standard
SHOCK STRAPS:	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
AIR SPRING PSI RANGE:	<input type="checkbox"/> Standard <input type="checkbox"/> Low Pressure	<input type="checkbox"/> Standard <input type="checkbox"/> Low Pressure	<input type="checkbox"/> Standard	<input type="checkbox"/> Standard

1. Refer to L846 — *Wide Base Tire Configuration Bulletin* for track / wheel recommendations.
2. For information purpose only, not for ordering.

AXLE

SPINDLE:	<input type="checkbox"/> HN	<input type="checkbox"/> HP		
TIRE INFLATION SYSTEM³:	<input type="checkbox"/> No	<input type="checkbox"/> TIREMAAX® CP (Complete Worksheet on Page 4)	<input type="checkbox"/> TIREMAAX® PRO (Complete Worksheet on Page 4)	<input type="checkbox"/> 3-Hole Prep

ACCESSORY ITEMS (Not Included in INTRAAX®-SP Model Number — Sold Separately)

STINGER:	<input type="checkbox"/> Yes (24" long)	<input type="checkbox"/> No	
SINGLE AXLE SLIDER REPOSITIONING KIT⁴:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
HEIGHT CONTROL VALVE:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Integral Dump: <input type="checkbox"/> Yes <input type="checkbox"/> No
			Raise Feature for Drop-Decks⁵: <input type="checkbox"/> Yes <input type="checkbox"/> No
UNIVERSAL LOAD SCALE KIT:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
MANUAL DUMP VALVE:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
MUD FLAP BRACKET:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
AIR TANK BRACKETS:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Single: <input type="checkbox"/> 1 Jumbo Tank <input type="checkbox"/> 1 Small Tank
			Tandem: <input type="checkbox"/> 1 Jumbo Tank <input type="checkbox"/> 2 Small Tanks ⁶

BRAKES

BRAKE TYPE:	<input type="checkbox"/> Drum	<input type="checkbox"/> Air Disc (Complete L895 - <i>Air Disc Brake Ordering Guide / Application Form</i>)		
BRAKE SIZE:	<input type="checkbox"/> 16.5" x 7" HXS®	<input type="checkbox"/> 16.5" x 8-5/8" HXS		
BRAKE SHOE/LINING:	<input type="checkbox"/> ABEX 3030-197	<input type="checkbox"/> ABEX 931-162	<input type="checkbox"/> NAB-456	<input type="checkbox"/> Hendrickson ULTRAA20™
S-CAM:	<input type="checkbox"/> 28 Spline	<input type="checkbox"/> 10 Spline		
DUST SHIELD:	<input type="checkbox"/> No	<input type="checkbox"/> Yes		
ABS SENSOR:	<input type="checkbox"/> No	<input type="checkbox"/> Haldex 19.7"	<input type="checkbox"/> Wabco 15.7"	<input type="checkbox"/> Bendix 15.7"
ABS SENSOR LOCATION:	Single:	<input type="checkbox"/> None	<input type="checkbox"/> 2	
	Tandem:	<input type="checkbox"/> None	<input type="checkbox"/> 2– Front	<input type="checkbox"/> 2– Rear
BRAKE CHAMBER:	<input type="checkbox"/> No	<input type="checkbox"/> Standard 30/30, 2.5" Stroke	<input type="checkbox"/> Other:	
BRAKE CHAMBER WARRANTY:	<input type="checkbox"/> No	<input type="checkbox"/> Standard (4-Year Limited)	<input type="checkbox"/> Extended Life (6-Year Limited)	
BRAKE ADJUSTER:	<input type="checkbox"/> No	<input type="checkbox"/> Standard 5.5"	<input type="checkbox"/> Standard 6.0"	<input type="checkbox"/> Other:
SPINDLE NUT:	<input type="checkbox"/> No	<input type="checkbox"/> Standard 3-Piece Nut		

- Hendrickson does not provide warranty coverage for the installation, performance or components of a competitor brand tire inflation system installed on a Hendrickson suspension. Any consequential damages to the Hendrickson suspension resulting from a failure to the competitor brand tire inflation system or components, whether installed by the OEM, repair facility or end-user customer, should be directed to the respective tire inflation system manufacturer for warranty coverage.
- Hendrickson recommends the use of a Slider Repositioning Kit for all single-axle sliders used in conjunction with fixed suspensions. The kit locks the brakes and dumps the air on the sliding axle for ease of repositioning.
- Hendrickson recommends the use of this HCV Kit when using an AAZL slider with a fixed suspension on a drop-deck trailer with wheelhouses. The kit locks the brakes, dumps the air on the sliding axle(s) and raises the trailer deck by adding air to the fixed suspension. The AAZL slider can then be moved to its new location by repositioning the trailer.
- If using two small air tanks with a 49-inch spread AAZL 46K slider, only one tank can be mounted to the slider due to space constraints. The second tank will need to be mounted elsewhere on the trailer.

	<input type="checkbox"/> Standard Service (1-Year Limited Warranty ⁸)	<input type="checkbox"/> HVS™ — Hendrickson Value System™ (3-Year Limited Warranty ⁸)	<input type="checkbox"/> HLS™ — Hendrickson Long-Life System™ (5-Year Limited Warranty ⁸)	<input type="checkbox"/> HXL7™ — Hendrickson Extended Life System™ (7-Year Limited Warranty ⁸)
SPINDLE:	<input type="checkbox"/> HN <input type="checkbox"/> HP	<input type="checkbox"/> HN <input type="checkbox"/> HP	<input type="checkbox"/> HN <input type="checkbox"/> HP	HP
HUB MATERIAL:	<input type="checkbox"/> Ductile Iron <input type="checkbox"/> Dura-Light Hubs® <input type="checkbox"/> Aluminum	<input type="checkbox"/> Ductile Iron <input type="checkbox"/> Dura-Light Hubs <input type="checkbox"/> Aluminum	<input type="checkbox"/> Ductile Iron <input type="checkbox"/> Dura-Light Hubs <input type="checkbox"/> Aluminum	Ductile Iron <input type="checkbox"/> Aluminum
HUB STYLE:	Hub Piloted	Hub Piloted	Hub Piloted	Hub Piloted
NUMBER OF STUDS:	10	10	10	10
BOLT CIRCLE DIAMETER:	11.25"	11.25"	11.25"	11.25"
WHEEL MATERIAL⁹:	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum
DUAL / SUPER SINGLE⁹: (SS) Short Stud (LS) Long Stud	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS)
DRUM MATERIAL⁹:	<input type="checkbox"/> Cast <input type="checkbox"/> Fused	<input type="checkbox"/> Cast <input type="checkbox"/> Fused	<input type="checkbox"/> Cast <input type="checkbox"/> Fused	<input type="checkbox"/> Cast <input type="checkbox"/> Fused
LUBE TYPE:	<input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Semi-Fluid Grease	SAE 80/90	Semi-Fluid Grease	Semi-Fluid Grease
SEAL:	<input type="checkbox"/> Stemco Voyager (Standard) <input type="checkbox"/> Stemco Discover <input type="checkbox"/> Stemco Guardian <input type="checkbox"/> Federal Mogul	Standard	Standard	Standard
BEARING:	Standard	Standard	Standard	Standard
SPINDLE NUT:	Standard 3-Piece Nut	Standard 3-Piece Nut	Standard 3-Piece Nut	Precision320™ Nut System
HUBCAP TYPE:	Standard Bolt-on	Standard Bolt-on	Standard Bolt-on	Corrosion Resistant Bolt-on
ABS TONE RING:	Yes	Yes	Yes	Yes

DRUM OPTIONS

DRUM DUTY:	<input type="checkbox"/> Standard	<input type="checkbox"/> Heavy Duty
DRUM BALANCING:	Balanced	
WHEEL FASTENERS:	<input type="checkbox"/> Yes ¹⁰	<input type="checkbox"/> No

7. Consult a customer service representative to ensure the compatibility of the wheel-end equipment with the other selected suspension parameters.

8. Refer to Hendrickson publication L583, *Comprehensive Warranty Statement* for complete details.

9. Information purpose only, not for ordering. Contact Hendrickson for the axle rating when offset wheels are used.

10. Two (2) wheel fasteners factory installed per wheel-end with balance packaged in plastic bag, taped and stretch wrapped to each wheel end.

TIREMAAX® KIT WORKSHEET¹¹ (Not Included in INTRAAX® Model Number — Sold Separately)

CONTROLLER TYPE:	<input type="checkbox"/> CP	<input type="checkbox"/> PRO
HUBCAP TYPE:	<input type="checkbox"/> Bolt-On	<input type="checkbox"/> Extended Bolt-On ^{12,13,14}
LUBE TYPE:	<input type="checkbox"/> Semi-Fluid Grease	<input type="checkbox"/> Oil
WHEEL STYLE:	<input type="checkbox"/> Dual	<input type="checkbox"/> Super Single - Steel 180° Fitting
	<input type="checkbox"/> Super Single - Steel 135° Fitting	<input type="checkbox"/> Super Single - Aluminum Standard Fitting
TIRE SIZE:	<input type="checkbox"/> 17 - 19.5"	<input type="checkbox"/> 22.5" <input type="checkbox"/> 24.5"
COLD TIRE PRESSURE SETTING (psi)¹⁵:	<input type="checkbox"/> 70 <input type="checkbox"/> 75 <input type="checkbox"/> 80 <input type="checkbox"/> 85 <input type="checkbox"/> 90 <input type="checkbox"/> 95 <input type="checkbox"/> 100	<input type="checkbox"/> 105 <input type="checkbox"/> 110 <input type="checkbox"/> 115 <input type="checkbox"/> 120
TRAILER-MOUNTED INDICATOR LAMP KIT:	<input type="checkbox"/> Standard	<input type="checkbox"/> LED <input type="checkbox"/> No
WIRING HARNESS:	<input type="checkbox"/> Premium, 15-foot, ABS-Ready	<input type="checkbox"/> Standard, 18-inch, ECU Wiring Adaptor Plug
	<input type="checkbox"/> Premium, 3-foot, ABS-Ready	<input type="checkbox"/> None
AIR PLUMBING KIT:	<input type="checkbox"/> Manifold ¹⁶	<input type="checkbox"/> None
CONTROLLER TANK VALVE¹⁷: (Pressure Check)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

11. Hendrickson does not provide warranty coverage for the installation, performance or components of a competitor brand tire inflation system installed on a Hendrickson suspension or trailer axle. Any consequential damages to the Hendrickson suspension or trailer axle resulting from a failure to the competitor brand tire inflation system or components, whether installed by the OEM, repair facility or end-user customer, should be directed to the respective tire inflation system manufacturer for warranty coverage.
12. Required with TIREMAAX CP equipped with Stemco PRO-TORQ spindle nut.
13. Required with TIREMAAX CP equipped with ADI hubs on HN Spindle.
14. Required with TIREMAAX PRO equipped with castellated spindle nut.
15. Refer to tire manufacturer's recommended tire pressure. TIREMAAX PRO with Dual wheels restricted to Cold Tire Pressure Setting of 80-120 psi. TIREMAAX PRO with Single wheels restricted to Cold Tire Pressure Setting of 90-120 psi.
16. Not required for single-axle systems.
17. Not available with TIREMAAX PRO.

If the hub bore dimension is less than the dimension shown in the chart, an extended hubcap is required for proper rotary joint assembly clearance.

SPINDLE NUT SYSTEM	Dimension "A"	
	SPINDLE TYPE	
	HN	HP
Standard three-piece	1.52"	1.44"
Stemco PRO-TORQ one-piece	1.69"	2.12"

Dimension "A" is measured from the bottom of the bearing cup to the hubcap mounting surface.

