

HENDRICKSON USE ONLY

# H<sup>®</sup> ORDERING GUIDE

## CONNEX™ SUSPENSION

LIT NO: L1274

DATE: April 2019

REVISION: B

### FORM INSTRUCTIONS

For complete price and model number information on a CONNEX™ suspension system, fax this 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.

<b>TO:</b>		<b>FROM:</b>		<b>COMPANY NAME:</b>	
<b>DATE:</b>	<b>PHONE:</b>	<b>FAX:</b>	<b>EMAIL:</b>		

<b>SAME AS:</b>	<b>EXCEPT:</b>
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SUSPENSION	
<b>SUSPENSION MODEL:</b>	<input type="checkbox"/> CXU 23K <input type="checkbox"/> CXU 25K <input type="checkbox"/> CXY 23k (Y-Beam) <input type="checkbox"/> CXY 25k (Y-Beam)
<b>RIDE HEIGHT (inches):</b>	<input type="checkbox"/> 5.5 <input type="checkbox"/> 6.5 <input type="checkbox"/> 7.5 <input type="checkbox"/> 9.0
<b>FRAME BRACKET:</b>	<input type="checkbox"/> Weld-on <input type="checkbox"/> Bolt-on <input type="checkbox"/> HTZUS (Slider)
<b>FRAME BRACKET MOUNTING:</b>	<input type="checkbox"/> Standard Weld-on <input type="checkbox"/> Universal Pattern, 5/8" Bolt Dia.
<b>FRAME BRACKET STYLE:</b>	<input type="checkbox"/> Wingless <input type="checkbox"/> Y-Beam
<b>SHOCK ABSORBER:</b>	<input type="checkbox"/> Standard <input type="checkbox"/> Extended Service / High Damping
<b>SHOCK STRAPS:</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes
<b>TRAVEL:</b>	<input type="checkbox"/> Standard <input type="checkbox"/> Limited Jounce
<b>AIR SPRING PSI RANGE:</b>	Standard
<b>AIR SPRING MOUNTING STUD:</b>	<input type="checkbox"/> Dual Combo Stud, Standard <input type="checkbox"/> Single Combo Stud, Rotated
<b>FRAME BRACKET SUPPORT:</b>	<input type="checkbox"/> Weld-on Channel <input type="checkbox"/> Bolt-on with strut <sup>1</sup> <input type="checkbox"/> Customer Supplied <input type="checkbox"/> N/A
<b>BUSHING TUBE SPACER:</b>	Standard (flat)
<b>FRAME BRACKET TO BEAM:</b>	<input type="checkbox"/> Assembled <input type="checkbox"/> Separate Frame Kit <input type="checkbox"/> HTZUS
<b>BEAM / AXLE COATING:</b>	<input type="checkbox"/> Standard Black Primer <input type="checkbox"/> Finish Soft Coat - Black
<b>COMPONENT COATING / COVER:</b> (Frame Brackets and Air Spring Mounts)	<input type="checkbox"/> Standard Black Primer <input type="checkbox"/> Galvanized <sup>2</sup> <input type="checkbox"/> None

1. Only available with bolt-on frame brackets. Coating will match selected coating on frame brackets.

2. Only available with CXY and HTZUS options.

AXLE					
<b>STYLE:</b>	Straight				
<b>TRACK</b> (inches):	<input type="checkbox"/> 71.5"	<input type="checkbox"/> 77.5"	<input type="checkbox"/> 77.5"	<input type="checkbox"/> 77.5"	<input type="checkbox"/> 77.5"
<b>Suspension Beam Centers</b> (by track):	35.0"	37.0"	38.25"	39.0"	41.0"
<b>S-CAM ORIENTATION:</b>	<input type="checkbox"/> Cams Rear (Standard) <input type="checkbox"/> Cams Forward (Required for some lift kits. Contact Hendrickson.)				
<b>SPINDLE:</b>	<input type="checkbox"/> HP <input type="checkbox"/> HN				
<b>TIRE INFLATION SYSTEM:</b>	<input type="checkbox"/> TIREMAAX® CP (complete worksheet on pg.4) <input type="checkbox"/> TIREMAAX PRO (complete worksheet on pg.4) <input type="checkbox"/> No				

DRUM BRAKES *						
*Slack and brake chamber combinations will affect brake ratings. Refer to L809 Brake Certifications.						
<b>BRAKE LINING:</b>	<input type="checkbox"/> H20 <input type="checkbox"/> H23 <input type="checkbox"/> H26					
<b>BRAKE SIZE:</b>	<input type="checkbox"/> 12.25" x 7.5" <input type="checkbox"/> 16.5" x 7.0" <input type="checkbox"/> 16.5" x 8.63"					
<b>BRAKE MODEL:</b>	HXS®					
<b>BRAKE COATING:</b>	<input type="checkbox"/> Standard <input type="checkbox"/> AAXTREME Coat					
<b>BRAKE CHAMBERS:</b>	<input type="checkbox"/> 2.5" Standard Stroke			<input type="checkbox"/> 3.0" Long Stroke		
<b>SIZE, WARRANTY &amp; BRAND:</b>	<input type="checkbox"/> Type 30 Standard Warranty	<input type="checkbox"/> Type 30/30 Standard Warranty	<input type="checkbox"/> Type 30/30 Extended Warranty	<input type="checkbox"/> Type 30 Standard Warranty	<input type="checkbox"/> Type 30/30 Standard Warranty	<input type="checkbox"/> Type 30/30 Extended Warranty
	<input type="checkbox"/> TSE	<input type="checkbox"/> TSE	Haldex	<input type="checkbox"/> TSE	<input type="checkbox"/> TSE	TSE
	<input type="checkbox"/> Haldex	<input type="checkbox"/> Haldex		<input type="checkbox"/> Haldex	<input type="checkbox"/> Haldex	
<b>AUTOMATIC SLACK ADJUSTER:</b>	<input type="checkbox"/> 5.5" <input type="checkbox"/> 6.0" (Long 3.0" stroke chamber recommended)					
<b>S-CAM:</b>	28 Spline					
<b>DUST SHIELD:</b>	<input type="checkbox"/> No <input type="checkbox"/> Yes					
<b>ABS SENSOR:</b>	<input type="checkbox"/> No	<input type="checkbox"/> Haldex 19.7"	<input type="checkbox"/> WABCO 15.7"	<input type="checkbox"/> WABCO 36"	<input type="checkbox"/> Bendix 14.84" <input type="checkbox"/> Bendix 78.7"	

<b>DRUM BRAKE RTR® READY-TO-ROLL® PACKAGES</b>		
	<input type="checkbox"/> <b>HXL3® Hendrickson Extended-Life System™</b> (3-Year Limited Warranty <sup>3</sup> )	<input type="checkbox"/> <b>HXL5® Hendrickson Extended-Life System™</b> (5-Year Limited Warranty <sup>3</sup> )
<b>SPINDLE:</b>	<input type="checkbox"/> HN <input type="checkbox"/> HP	<input type="checkbox"/> HN <input type="checkbox"/> HP
<b>HUB MATERIAL:</b>	<input type="checkbox"/> Ductile Iron <input type="checkbox"/> ADI <input type="checkbox"/> Aluminum	<input type="checkbox"/> Ductile Iron <input type="checkbox"/> ADI <input type="checkbox"/> Aluminum
<b>HUB STYLE:</b>	Hub Piloted	Hub Piloted
<b>NUMBER OF STUDS (Bolt Circle Diameter):</b>	<input type="checkbox"/> 8 (275mm) <input type="checkbox"/> 10 (11.25")	<input type="checkbox"/> 8 (275mm) <input type="checkbox"/> 10 (11.25")
<b>WHEEL MATERIAL:</b>	<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
<b>DUAL / SUPER SINGLE:</b> (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)
<b>LUBE TYPE:</b>	<input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Synthetic 75W/90	Semi-Fluid Grease
<b>SEAL:</b>	Standard	Standard
<b>BEARING:</b>	Standard	Standard
<b>SPINDLE NUT:</b>	PRECISION240® Nut System <b>or</b> PRECISION320® Nut System	PRECISION240® Nut System <b>or</b> PRECISION320® Nut System
<b>HUBCAP TYPE:</b>	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On
<b>ABSTONE RING:</b>	Yes	Yes

<b>DRUM OPTIONS</b>	
<b>DRUM MATERIAL:</b>	<input type="checkbox"/> Cast <input type="checkbox"/> Fused
<b>DRUM DUTY:</b>	<input type="checkbox"/> Standard <input type="checkbox"/> Heavy Duty <input type="checkbox"/> Special Duty (16.5" × 8.63" Brakes only)
<b>DRUM BALANCING:</b>	Balanced
<b>WHEEL FASTENERS<sup>4</sup>:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No

<b>ACCESSORY ITEMS</b>		Not included in CONNEX model number - Sold Separately.	
<b>HEIGHT CONTROL VALVE:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Integral Dump:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>MANUAL DUMP VALVE:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<b>With Enclosure:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No
<b>UNIVERSAL LOAD SCALE KIT:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>LIFT KIT<sup>5</sup>:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		
<b>HTZUS SLIDER BOX:</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No		

3. Refer to Hendrickson publication "L583 - Comprehensive Warranty Statement" for complete details.

4. Two (2) wheel fasteners factory installed per wheel-end with balance packaged in parts box.

5. Contact Hendrickson to verify lift kit part numbers and compatibility.

**TIREMAAX® KIT WORKSHEET<sup>6,7</sup>**

Not included in CONNEX model number - Sold Separately.

<b>CONTROLLER TYPE:</b>	<input type="checkbox"/> CP	<input type="checkbox"/> PRO									
<b>ELECTRICAL CONNECTION:</b>	<input type="checkbox"/> Delphi Weather Pack (Standard)	<input type="checkbox"/> Blade Terminals <sup>8</sup> (Hendrickson Controls approval required)									
<b>NUMBER OF AXLES:</b>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> Other						
<b>HUBCAP TYPE:</b>	Hendrickson Bolt-On										
<b>LUBE TYPE:</b>	<input type="checkbox"/> Semi-Fluid Grease	<input type="checkbox"/> Oil									
<b>WHEEL STYLE / MATERIAL:</b>	<input type="checkbox"/> Dual / Aluminum	<input type="checkbox"/> Dual / Steel or Combo	<input type="checkbox"/> Super Single / Aluminum (straight hose)								
	<input type="checkbox"/> Super Single / Steel (inboard valve stem; straight hose)		<input type="checkbox"/> Super Single / Steel (outboard valve stem; 180-degree hose)								
<b>TIRE SIZE:</b>	<input type="checkbox"/> 17.5"	<input type="checkbox"/> 19.5"	<input type="checkbox"/> 22.5"	<input type="checkbox"/> 24.5"							
<b>COLD TIRE PRESSURE SETTING (psi)<sup>9</sup>:</b>	<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
<b>TRAILER-MOUNTED INDICATOR LIGHT KIT:</b>	<input type="checkbox"/> LED - 12V with 65-foot Cable (Standard)		<input type="checkbox"/> LED - 12V with 35-foot Cable		<input type="checkbox"/> LED - 24V (Export <sup>10</sup> )						
	<input type="checkbox"/> Incandescent - 12V		<input type="checkbox"/> No <sup>8</sup>								
<b>WIRING HARNESS:</b>	<input type="checkbox"/> Premium, 15-foot, ABS-ready		<input type="checkbox"/> Premium, 3-foot, ABS-ready		<input type="checkbox"/> Standard, 18-inch, Wring Adapter Plug		<input type="checkbox"/> No <sup>8</sup> (Hendrickson Controls approval required)				
<b>AIR PLUMBING KIT:</b>	<input type="checkbox"/> Manifold <sup>11</sup>		<input type="checkbox"/> No								
<b>CONTROLLER TANK VALVE<sup>12</sup>:</b> (Pressure Check)	<input type="checkbox"/> Yes (CP Models Only)		<input type="checkbox"/> No								

6. 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.

7. When installing TIREMAAX, please contact Hendrickson to verify correct wheel-end component integration.

8. Controllers featuring blade terminals require the light kit and wiring harness options to be "no".

9. Refer to tire manufacturer's recommended tire pressure. TIREMAAX PRO is restricted to cold tire pressure setting of 85-120 psi.

10. Please note, 12V is used in some export countries. If this is a new venture into a foreign country, please validate voltage requirements with Controls Engineering.

11. Not available for single-axle systems.

12. Not available with TIREMAAX PRO.

*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 **330.489.0045** or **866.RIDEAIR (743.3247)** for additional information.



www.hendrickson-intl.com

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