

HENDRICKSON USE ONLY

# **ORDERING GUIDE** CONNEX™ SUSPENSION

LIT NO: L1274

DATE: September 2017

REVISION: A

## 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
<b>RIDE HEIGHT(inches):</b>	<input type="checkbox"/> 5.5 <input type="checkbox"/> 6.5 <input type="checkbox"/> 7.5 <sup>1</sup>
<b>FRAME BRACKET:</b>	<input type="checkbox"/> Weld-on <input type="checkbox"/> Bolt-on
<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>	Wingless
<b>SHOCK ABSORBER:</b>	<input type="checkbox"/> Standard <input type="checkbox"/> Extended Service / High Damping
<b>SHOCK STRAPS:</b>	No
<b>TRAVEL:</b>	<input type="checkbox"/> Standard <input type="checkbox"/> Limited Jounce
<b>AIR SPRING PSI RANGE:</b>	Standard
<b>FRAME BRACKET SUPPORT:</b>	<input type="checkbox"/> Weld-on Channel <input type="checkbox"/> Bolt-on with strut <sup>2</sup> <input type="checkbox"/> Customer Supplied
<b>BUSHING TUBE SPACER:</b>	Standard (flat)
<b>FRAME BRACKET TO BEAM:</b>	<input type="checkbox"/> Assembled <input type="checkbox"/> Unassembled / Separate Frame Kit
<b>BEAM / AXLE COATING:</b>	<input type="checkbox"/> Finish Soft Coat - Black <input type="checkbox"/> Standard Black Primer
<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 limited jounce travel.

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

 **HENDRICKSON**

AXLE	
<b>STYLE:</b>	Straight
<b>TRACK</b> (inches): <b>Suspension Beam Centers</b> (by track):	<input type="checkbox"/> 71.5 <input type="checkbox"/> 77.5 35.0"                              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 *													
<b>BRAKE LINING:</b>	H20												
<b>BRAKE SIZE:</b>	12.25" x 7.5"												
<b>BRAKE MODEL:</b>	HXS®												
<b>BRAKE COATING:</b>	Standard												
<b>BRAKE CHAMBERS:</b>	<input type="checkbox"/> 2.5" Standard Stroke <input type="checkbox"/> 3.0" Long Stroke												
<b>SIZE, WARRANTY, &amp; BRAND:</b>	<table border="1"> <tbody> <tr> <td><input type="checkbox"/> Type 30 Standard Warranty</td> <td><input type="checkbox"/> Type 30/30 Standard Warranty</td> <td><input type="checkbox"/> Type 30/30 Extended Warranty</td> <td><input type="checkbox"/> Type 30 Standard Warranty</td> <td><input type="checkbox"/> Type 30/30 Standard Warranty</td> <td><input type="checkbox"/> Type 30/30 Extended Warranty</td> </tr> <tr> <td><input type="checkbox"/> TSE <input type="checkbox"/> Haldex</td> <td><input type="checkbox"/> TSE <input type="checkbox"/> Haldex</td> <td>Haldex</td> <td><input type="checkbox"/> TSE <input type="checkbox"/> Haldex</td> <td><input type="checkbox"/> TSE <input type="checkbox"/> Haldex</td> <td>TSE</td> </tr> </tbody> </table>	<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"/> Haldex	<input type="checkbox"/> TSE <input type="checkbox"/> Haldex	Haldex	<input type="checkbox"/> TSE <input type="checkbox"/> Haldex	<input type="checkbox"/> TSE <input type="checkbox"/> Haldex	TSE
	<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"/> Haldex	<input type="checkbox"/> TSE <input type="checkbox"/> Haldex	Haldex	<input type="checkbox"/> TSE <input type="checkbox"/> Haldex	<input type="checkbox"/> TSE <input type="checkbox"/> Haldex	TSE								
<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>	No												
<b>ABS SENSOR:</b>	<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>	Ductile Iron	Ductile Iron
<b>HUB STYLE:</b>	Hub Piloted	Hub Piloted
<b>NUMBER OF STUDS:</b>	8	8
<b>BOLT CIRCLE DIAMETER:</b>	275mm	275mm
<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>	Cast
<b>DRUM DUTY:</b>	<input type="checkbox"/> Standard <input type="checkbox"/> Heavy Duty
<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 KITS<sup>5</sup>:</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 plastic bag, taped and stretch wrapped to each wheel-end.

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>	Semi-Fluid Grease										
<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>	17.5"										
<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.

Call your trailer dealer or Hendrickson at **330.489.0045** or **866.RIDEAIR (743.3247)** for additional information.



www.hendrickson-intl.com

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