

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.

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

SAME AS:	EXCEPT:
-----------------	----------------

SUSPENSION	
SUSPENSION MODEL:	<input type="checkbox"/> CXU 23K <input type="checkbox"/> CXU 25K
RIDE HEIGHT(inches):	<input type="checkbox"/> 5.5 <input type="checkbox"/> 6.5 <input type="checkbox"/> 7.5 ¹
FRAME BRACKET:	<input type="checkbox"/> Weld-on <input type="checkbox"/> Bolt-on
FRAME BRACKET MOUNTING:	<input type="checkbox"/> Standard Weld-on <input type="checkbox"/> Universal Pattern, 5/8" Bolt Dia.
FRAME BRACKET STYLE:	Wingless
SHOCK ABSORBER:	<input type="checkbox"/> Standard <input type="checkbox"/> Extended Service / High Damping
SHOCK STRAPS:	No
TRAVEL:	<input type="checkbox"/> Standard <input type="checkbox"/> Limited Jounce
AIR SPRING PSI RANGE:	Standard
FRAME BRACKET SUPPORT:	<input type="checkbox"/> Weld-on Channel <input type="checkbox"/> Bolt-on with srtuf ² <input type="checkbox"/> Customer Supplied
BUSHING TUBE SPACER:	Standard (flat)
FRAME BRACKET TO BEAM:	<input type="checkbox"/> Assembled <input type="checkbox"/> Unassembled / Separate Frame Kit
BEAM / AXLE COATING:	<input type="checkbox"/> Finish Soft Coat - Black <input type="checkbox"/> Standard Black Primer
COMPONENT COATING / COVER: (Frame Brackets and Air Spring Mounts)	<input type="checkbox"/> Standard Black Primer <input type="checkbox"/> Galvanized ² <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	
STYLE:	Straight
TRACK (inches): Suspension Beam Centers (by track):	<input type="checkbox"/> 71.5 <input type="checkbox"/> 77.5 35.0" 41.0"
S-CAM ORIENTATION:	<input type="checkbox"/> Cams Rear (Standard) <input type="checkbox"/> Cams Forward (Required for some lift kits. Contact Hendrickson.)
SPINDLE:	<input type="checkbox"/> HP <input type="checkbox"/> HN
TIRE INFLATION SYSTEM:	<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.					
BRAKE LINING:	H20						
BRAKE SIZE:	12.25" x 7.5"						
BRAKE MODEL:	HXS®						
BRAKE COATING:	Standard						
BRAKE CHAMBERS:	<input type="checkbox"/> 2.5" Standard Stroke			<input type="checkbox"/> 3.0" Long Stroke			
SIZE, WARRANTY, & BRAND:	<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		
AUTOMATIC SLACK ADJUSTER:	<input type="checkbox"/> 5.5" <input type="checkbox"/> 6.0" (Long 3.0" stroke chamber recommended)						
S-CAM:	28 Spline						
DUST SHIELD:	No						
ABS SENSOR:	<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"		

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

DRUM OPTIONS	
DRUM MATERIAL:	Cast
DRUM DUTY:	<input type="checkbox"/> Standard <input type="checkbox"/> Heavy Duty
DRUM BALANCING:	Balanced
WHEEL FASTENERS⁴:	<input type="checkbox"/> Yes <input type="checkbox"/> No

ACCESSORY ITEMS		Not included in CONNEX model number - Sold Separately.	
HEIGHT CONTROL VALVE:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Integral Dump:	<input type="checkbox"/> Yes <input type="checkbox"/> No
MANUAL DUMP VALVE:	<input type="checkbox"/> Yes <input type="checkbox"/> No	With Enclosure:	<input type="checkbox"/> Yes <input type="checkbox"/> No
UNIVERSAL LOAD SCALE KIT:	<input type="checkbox"/> Yes <input type="checkbox"/> No		
LIFT KITS⁵:	<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^{6,7}

Not included in CONNEX model number - Sold Separately.

CONTROLLER TYPE:	<input type="checkbox"/> CP	<input type="checkbox"/> PRO									
ELECTRICAL CONNECTION:	<input type="checkbox"/> Delphi Weather Pack (Standard)	<input type="checkbox"/> Blade Terminals ⁸ (Hendrickson Controls approval required)									
NUMBER OF AXLES:	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> Other						
HUBCAP TYPE:	Hendrickson Bolt-On										
LUBE TYPE:	Semi-Fluid Grease										
WHEEL STYLE / MATERIAL:	<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)								
TIRE SIZE:	17.5"										
COLD TIRE PRESSURE SETTING (psi)⁹:	<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 LIGHT KIT:	<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 ¹⁰)						
	<input type="checkbox"/> Incandescent - 12V		<input type="checkbox"/> No ⁸								
WIRING HARNESS:	<input type="checkbox"/> Premium, 15-foot, ABS-ready		<input type="checkbox"/> Premium, 3-foot, ABS-ready		<input type="checkbox"/> Standard, 18-inch, Wiring Adapter Plug		<input type="checkbox"/> No ⁸ (Hendrickson Controls approval required)				
AIR PLUMBING KIT:	<input type="checkbox"/> Manifold ¹¹		<input type="checkbox"/> No								
CONTROLLER TANK VALVE¹²: (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

TRAILER COMMERCIAL VEHICLE SYSTEMS
2070 Industrial Place SE
Canton, OH 44707-2641 USA
866.RIDEAIR (743.3247)
330.489.0045 • Fax 800.696.4416

Hendrickson Canada
250 Chrysler Drive, Unit #3
Brampton, ON Canada L6S 6B6
800.668.5360
905.789.1030 • Fax 905.789.1033

Hendrickson Mexicana
Circuito El Marqués Sur #29
Parque Industrial El Marqués
Pob. El Colorado, Municipio El Marqués,
Querétaro, México C.P. 76246
+52 (442) 296.3600 • Fax +52 (442) 296.3601