

HENDRICKSON USE ONLY

This ordering guide is for non-USMCA applications using 335 mm BC hubs. Refer to L964 TRLAXLE Ordering Guide for USMCA applications.

H ORDERING GUIDE**GLOBAL SYSTEMS
HENDRICKSON TRAILER AXLES –
HN / HP MODELS**

LIT NO: L1255

DATE: January 2025

REV: D

FORM INSTRUCTIONS

For complete price and model number information on HN or HP Hendrickson Trailer Axles, email this form to the appropriate contact (see page 5). For additional assistance or to place an order for an axle that is not HN or HP, 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:		

AXLES

APPLICATION:	<input type="checkbox"/> Air Suspension	<input type="checkbox"/> Mechanical Spring
AXLE STYLE:	Straight	
SPINDLE:	<input type="checkbox"/> HN	<input type="checkbox"/> HP
AXLE TRACK:	<input type="checkbox"/> 71.5"	<input type="checkbox"/> 77.5" <input type="checkbox"/> Other (69" to 102" in 1/2-inch increments):
AXLE WALL¹:	<input type="checkbox"/> 1/2" Nom.	<input type="checkbox"/> 5/8" Nom. <input type="checkbox"/> 5/8" Heavy Duty <input type="checkbox"/> 3/4" Nom.
TIRE INFLATION SYSTEM²:	<input type="checkbox"/> TIREMAAX [®] CP (Complete Worksheet on p. 4)	<input type="checkbox"/> TIREMAAX PRO (Complete Worksheet on p. 4) <input type="checkbox"/> No



Are you ordering air disc brakes? No (Continue on page 1) Yes (Go to page 3)

DRUM BRAKES *

*Refer to L809 for active ECE brake certifications.

BRAKE LINING:	<input type="checkbox"/> H20	<input type="checkbox"/> ULTRAA20™	<input type="checkbox"/> H26
BRAKE SIZE:	<input type="checkbox"/> 16.5" x 7"	<input type="checkbox"/> 16.5" x 8-5/8"	<input type="checkbox"/> 16.5" x 7" <input type="checkbox"/> 16.5" x 8-5/8"
BRAKE MODEL:	<input type="checkbox"/> HXS [®]	<input type="checkbox"/> HXS	<input type="checkbox"/> HXS <input type="checkbox"/> HXS
BRAKE COATING:	<input type="checkbox"/> Standard <input type="checkbox"/> AAXTREME COAT [®]	<input type="checkbox"/> Standard <input type="checkbox"/> AAXTREME COAT	<input type="checkbox"/> Standard
BRAKE CHAMBER:	<input type="checkbox"/> Haldex 30/30, 3.0" stroke		
BRAKE CHAMBER WARRANTY:	<input type="checkbox"/> Standard		
BRAKE CHAMBER BRACKET:	<input type="checkbox"/> Standard <input type="checkbox"/> High Rise		

1. 1/2-inch nominal axle wall is only permitted on mechanical spring suspensions.

2. Hendrickson does not provide warranty coverage for the installation, performance or components of a competitor-brand tire inflation system installed on a Hendrickson Trailer Axle. Any consequential damages to the Hendrickson 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, should be directed to the respective tire inflation system manufacturer for warranty coverage.

DRUM BRAKES (Continued)

BRAKE ADJUSTER TYPE:	Auto
BRAKE ADJUSTER:	<input type="checkbox"/> Haldex 6.0" <input type="checkbox"/> Other:
S-CAM SPLINES:	28 Spline
S-CAM LENGTH:	<input type="checkbox"/> 23.75" (Air Suspension) <input type="checkbox"/> 20.625" (Spring Suspension) <input type="checkbox"/> Other (6.5" min - 35.5" max):
CAM ENCLOSURE³:	<input type="checkbox"/> Standard Cam Bracket <input type="checkbox"/> Cam Tube System
S-CAM / BRAKE ADJUSTER POSITION:	<input type="checkbox"/> Cams Rear — Brake Adjusters Down (Standard) <input type="checkbox"/> Cams Forward — Brake Adjusters Up
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 14.84" <input type="checkbox"/> Wabco 36.0"

DRUM BRAKE RTR[®] READY-TO-ROLL[®] PACKAGES⁴**Global Service** (1-Year Limited Warranty⁵)

HUB MATERIAL:	Ductile Iron
ABS RING TONE:	Yes
NUMBER OF STUDS:	10 (335 mm B.C. ⁶)
SPOKE SPACER:	N/A
WHEEL MATERIAL:	<input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum
DUAL / SUPER SINGLE:	<input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) ⁷ <input type="checkbox"/> Super Single (LS) ⁸
LUBE TYPE:	<input type="checkbox"/> Semi-Fluid Grease
SEAL:	Standard
BEARING:	Standard
SPINDLE NUT:	PRECISION240 [®] Nut System or PRECISION320 [®] Nut System
HUBCAP TYPE:	Standard Bolt-On

DRUM OPTIONS

DRUM MATERIAL:	Cast
DRUM DUTY:	<input type="checkbox"/> Standard <input type="checkbox"/> Heavy Duty
DRUM BALANCING:	Balanced
WHEEL FASTENERS⁹:	<input type="checkbox"/> Yes <input type="checkbox"/> No

3. Cam enclosure option available on limited number of cam lengths

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

5. Refer to Hendrickson publication "L583 – Comprehensive Warranty Statement" for complete details.

6. B.C. = Bolt Circle Diameter

7. SS (Short Stud)

8. LS (Long Stud)

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

HENDRICKSON SUSPENSION AND AXLES AVAILABLE WITH AIR DISC BRAKES (ADB)

SUSPENSION / AXLE MODELS	AVAILABILITY
HT™ SERIES	
HT230, HT250T, HT300*	Call for application approval
HT250U	Call for application approval – ADB generally available for 7.5" ride heights and higher
HT190U, HT250US, HT300US	ADB not available
HT250Y, HT250YS, HT300Y	ADB not available
TRAILER AXLES	
TRLAXLE® – 1/2", 5/8", 5/8" HD wall	ADB available on limited tracks
TRLAXLE – 3/4" wall	ADB not available



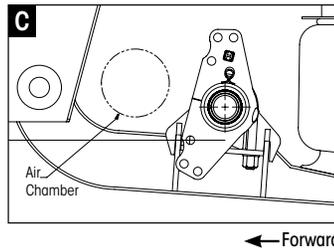
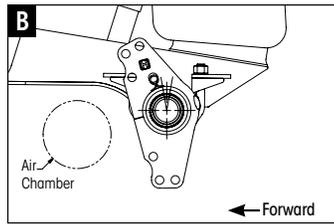
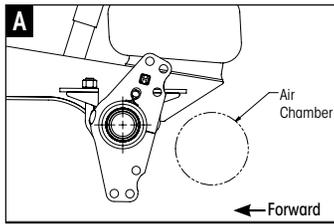
WARNING: IMPROPER WHEELS OR VALVE STEMS can interfere with air disc brakes and cause rapid tire deflation, component damage, loss of vehicle control, property damage or severe personal injury. Use only wheels and valve stems that provide proper running clearance with air disc brakes equipped on the suspension. Contact vehicle manufacturer to determine replacement wheels and valve stems approved for the application.

DISC BRAKES *	*Please refer to L1225 at www.hendrickson-intl.com for more important information to consider when spec'ing air disc brakes.		
	Hendrickson MAXX22T™ ADB (Hendrickson Standard)		
CONVERTER DOLLY APPLICATION:	<input type="checkbox"/> No	<input type="checkbox"/> Yes (Service Only Chamber Available)	
DISC BRAKE APPROVAL:	<input type="checkbox"/> Approval: 20,000 lb or less GAWR or up to 23,000 lb GAWR with appropriate tire SLR (See L809 for Brake Certifications)		
ROTOR BRAND/MATERIAL:	415mm Cast Iron		
PAD/LINING:	WABCO 232		
BRAKE CALIPER POSITION: For TRLAXLE® Only - See page 4 for reference	<input type="checkbox"/> A – For top-mount mechanical suspensions or top-mount air suspensions with brake chamber to rear of axle <input type="checkbox"/> B – For top-mount air suspensions with brake chamber to front of axle <input type="checkbox"/> C – For low-ride underslung air suspensions		
BRAKE CHAMBER:	<input type="checkbox"/> Type 20/24 Std	<input type="checkbox"/> Type 20 (Dolly)	
RTR® READY-TO-ROLL® WHEEL-END PACKAGES:	Global Service (1-year Limited Warranty ¹⁰)		
SPINDLE:	<input type="checkbox"/> HN	<input type="checkbox"/> HP	
HUB MATERIAL:	Ductile Iron		
HUB STYLE:	Hub-Piloted × 10-stud × 335mm BC for 22.5" and 24.5" tires		
WHEEL MATERIAL:	<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)
LUBE TYPE:	Semi-Fluid Grease		
SEAL:	Standard		
BEARINGS:	Standard		
HUBCAP TYPE:	Standard Aluminum Bolt-On		
SPINDLE NUT:	PRECISION240 Nut System or PRECISION320 Nut System		
WHEEL FASTENERS:	<input type="checkbox"/> Yes ⁹	<input type="checkbox"/> No	
ABS TONE RING / DUST SHIELD:	Required		
ABS SENSORS (Required):	<input type="checkbox"/> Bendix 14.84"	<input type="checkbox"/> Bendix 78.7"	<input type="checkbox"/> Haldex 19.7" <input type="checkbox"/> Haldex 78.7" <input type="checkbox"/> WABCO 39.4"

10. 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.

BRAKE CALIPER POSITION

L1255 Rev D



CAUTION: For underslung mechanical suspensions, call Hendrickson and the suspension supplier.

NOTES: For all caliper positions shown, the tire inflation holes are located on top dead center of axle when suspension is at ride height. Customer should verify brake chamber clearance at the entire suspension travel range. On Figure C, the shock cannot be mounted in front of the axle on underslung suspensions due to interference with the brake chamber.

ACCESSORY ITEMS

(Not included in Hendrickson Trailer Axle Model Number — Sold Separately)

TIREMAAX® TIRE HOSE/WHEEL GROMMETS (Fits Outside Aluminum Dual):

Hand Hole/Valve Stem: 1.5" Offset 2.0" Center 2.5" Center 2.5" Offset

TIREMAAX® KIT WORKSHEET^{10,11}

(Not included in Hendrickson Trailer Axle Model Number — Sold Separately)

MODEL TYPE:	<input type="checkbox"/> CP <input type="checkbox"/> PRO
ELECTRICAL CONNECTION:	<input type="checkbox"/> Delphi Weather Pack (Standard) <input type="checkbox"/> Blade Terminals ¹²
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 ¹³ (outward facing stem; straight hose) <input type="checkbox"/> Super Single / Steel (inward facing stem; 180-degree hose) <input type="checkbox"/> Super Single / Steel (outward facing stem; straight hose) <input type="checkbox"/> Dual / Alcoa ULT36 All Alum <input type="checkbox"/> Dual / Alcoa ULT36 Steel Combo
TIRE SIZE:	<input type="checkbox"/> 17.5" <input type="checkbox"/> 19.5" <input type="checkbox"/> 22.5" <input type="checkbox"/> 24.5"
COLD TIRE PRESSURE SETTING (psi)¹⁴:	<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
TIRE HOSE:	<input type="checkbox"/> Standard <input type="checkbox"/> Integral Check Port - 1-Port (22.5" tire size only) <input type="checkbox"/> Integral Check Port - 2-Port (22.5" tire size only)
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 ¹⁵) <input type="checkbox"/> No ¹²
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 Adaptor Plug <input type="checkbox"/> No ¹²
AIR PLUMBING KIT:	<input type="checkbox"/> Manifold ¹⁶ <input type="checkbox"/> No
CONTROLLER TANK VALVE¹⁷:	<input type="checkbox"/> Yes (CP Models Only) <input type="checkbox"/> No

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

12. Controllers featuring Blade Terminals require the light kit and wiring harness options to be "no".

13. For aluminum zero-offset wheels with outward facing stem, contact Hendrickson Engineering for applications support.

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

15. 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.

16. Not available for single-axle systems.

17. 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 866.RIDEAIR (743.3247) for additional information.



www.hendrickson-intl.com

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