

HENDRICKSON USE ONLY

# ORDERING GUIDE

## B2AHT BEAM TO AXLE SYSTEM – WABCO PAN17 MODELS

LIT NO: L1259

DATE: March 2021

REVISION: C

### FORM INSTRUCTIONS

For complete price and model number information on B2AHT Beam-to-Axle System — WABCO PAN17, 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 / AXLE MODELS	AVAILABILITY
<b>HT™ SERIES</b>	
HT250U	6.5" Ride Height only (NOTE: Beam centers may be non-typical. Refer to installation drawing.)
<b>TRAILER AXLES</b>	
TRLAXLE® – 5/8" wall	71.5", 77.5", and 79" tracks only

### SUSPENSION

<b>SUSPENSION MODEL</b> (capacity):	HT250UP (25K)	
<b>AXLE CONNECTION:</b>	Welded Beam to Axle with U-Bolts	
<b>RIDE HEIGHT</b> (inches):	6.5" (NOTE: 6.5" is not liftable)	
<b>TRAVEL:</b>	Standard	
<b>FRAME BRACKET:</b>	<input type="checkbox"/> Weld-On	<input type="checkbox"/> Bolt-On (71.5" and 77.5" tracks only)
	<b>MOUNTING BOLT SIZE:</b>	0.625"
<b>AIR SPRING PSI RANGE:</b>	Standard	
<b>AIR SPRING MOUNTING PLATE:</b>	Standard	
<b>SHOCK ABSORBER:</b>	Standard	
<b>SHOCK MOUNT:</b>	Standard Mount	
<b>SHOCK STRAPS:</b>	No	
<b>FRAME BRACKET TO BEAM:</b>	Non-Assembled	
<b>C-CHANNEL:</b>	Standard Weld-On	
<b>HIGH CONTROL SUSPENSION:</b>	No	
<b>SUSPENSION COATING:</b>	Standard Black Primer	
<b>FRAME BRACKET COATING:</b>	<input type="checkbox"/> Standard Black Primer	<input type="checkbox"/> Galvanized (71.5" and 77.5" tracks only)

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**AXLES OPTIONS**\*Please refer to L1225 at [www.hendrickson-intl.com](http://www.hendrickson-intl.com) for more important information to consider when spec'ing air disc brakes.

<b>AXLE STYLE:</b>	Straight		
<b>SPINDLE:</b>	HN		
<b>AXLE TRACK:</b>	<input type="checkbox"/> 71.5" (Beam Centers 33.0")	<input type="checkbox"/> 77.5" (Beam Centers 39.0")	<input type="checkbox"/> 79" (Beam Centers 39.0")
<b>AXLE WALL:</b>	5/8" Nom.		
<b>TIRE INFLATION SYSTEM:</b>	<input type="checkbox"/> TIREMAAX PRO (Complete Worksheet on p. 3) <input type="checkbox"/> No		

**BRAKE & WHEEL END OPTIONS**

<b>WABCO PAN17 ADB with HXL5® Wheel-End</b>	
<b>DISC BRAKE APPROVAL:</b>	Approval: Up to 20,000 lb GAWR with appropriate tire SLR (see L809 for all Brake Certifications)
<b>ROTOR BRAND/MATERIAL:</b>	325mm Standard Cast Iron
<b>PAD/LINING:</b>	Jurid 539-20
<b>BRAKE CHAMBER:</b>	Wabco 20/24 Std
<b>RTR® READY-TO-ROLL® WHEEL-END PACKAGE:</b>	HXL5® Hendrickson Extended-Life System™ (5-year Limited Warranty)
<b>HUB MATERIAL:</b>	Standard Ductile Iron
<b>HUB STYLE:</b>	Hub-Piloted × 8-stud × 275mm BC for 17.5" tires
<b>STUD LENGTH:</b>	Long Stud
<b>LUBE TYPE:</b>	Semi-Fluid Grease
<b>SEAL:</b>	Federal Mogul
<b>BEARINGS:</b>	Standard
<b>HUBCAP TYPE:</b>	Hendrickson
<b>SPINDLE NUT:</b>	PRECISION240® Nut System
<b>ABS TONE RING / DUST SHIELD:</b>	Required
<b>ABS SENSORS (Required):</b>	<input type="checkbox"/> Bendix 78.7" <input type="checkbox"/> Wabco 39.4"

**ACCESSORY ITEMS**

(Not included in Hendrickson Trailer Axle 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
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<b>TIREMAAX® KIT WORKSHEET</b> <sup>1,2</sup>		(Not included in Hendrickson Trailer Axle Model Number — Sold Separately)	
<b>CONTROLLER TYPE:</b>	<input type="checkbox"/> PRO		
<b>ELECTRICAL CONNECTION:</b>	<input type="checkbox"/> Delphi Weather Pack (Standard)	<input type="checkbox"/> Blade Terminals <sup>3</sup>	
<b>KIT STYLE:</b>	For OEM Install		
<b>AXLE STYLE:</b>	Standard (71.5" to 83" Axle Track)		
<b>AXLE PREPARATION:</b>	TIREMAAX Prepped / Wheel-ends Installed by Hendrickson (Kit includes controller and tire hoses only)		
<b>NUMBER OF AXLES:</b>	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3 <input type="checkbox"/> 4
<b>SPINDLE STYLE:</b>	HN		
<b>HUBCAP STYLE:</b>	Hendrickson Bolt-On		
<b>LUBE STYLE:</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 (outboard valve stem; 180-degree hose)	<input type="checkbox"/> Super Single / Steel (inboard valve stem; straight hose)	
<b>TIRE SIZE:</b>	17.5"		
<b>COLD TIRE PRESSURE SETTING (psi)<sup>4</sup>:</b>	<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>TIRE HOSE:</b>	Standard		
<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>5</sup>
	<input type="checkbox"/> Incandescent – 12V	<input type="checkbox"/> No <sup>3</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, Wiring Adaptor Plug	<input type="checkbox"/> No <sup>3</sup>	
<b>AIR PLUMBING KIT:</b>	<input type="checkbox"/> Manifold <sup>6</sup>	<input type="checkbox"/> No	

- 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.
- When installing TIREMAAX, please contact Hendrickson to verify correct wheel-end component integration.
- Controllers featuring blade terminals require the light kit and wiring harness options to be "no".
- Refer to tire manufacturer's recommended tire pressure. TIREMAAX PRO is restricted to cold tire pressure setting of 85-120 psi.
- 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.
- Not available for single-axle systems.

**PAN17 AIR DISC BRAKE APPLICATION FORM — \*\* MUST BE COMPLETED \*\***

**FLEET / END USER INFORMATION**

<b>Fleet Name / Dealer:</b>		<b>Contact Person:</b>	
<b>Phone Number:</b>		<b>Email:</b>	
<b>Location:</b>		<b>Trailer Manufacturer:</b>	
<b>Trailer Type:</b>	<input type="checkbox"/> Dry Van	<input type="checkbox"/> Reefer	<input type="checkbox"/> Pup Trailers
	<input type="checkbox"/> Specialty	<input type="checkbox"/> Dump	<input type="checkbox"/> Dolly
		<input type="checkbox"/> Tanker / Bulk	<input type="checkbox"/> Platform
<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>Are all axles the same specification?</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	
<b>Desired GAWR:</b>	<b>GCW:</b>		
<b>Wheel Make:</b>	<b>Wheel Model Number:</b>		
<b>Tire Make:</b>	<b>Tire Model:</b>		
<b>TRAILER USAGE</b>			
<b>Duty Cycle:</b>	<input type="checkbox"/> Line Haul	<input type="checkbox"/> On- / Off-highway Construction	
	<input type="checkbox"/> On-highway	<input type="checkbox"/> Off-highway Logging / Mining / Construction	
	<input type="checkbox"/> On-highway – Heavy Haul	<input type="checkbox"/> Other	

*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](http://www.hendrickson-intl.com)

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