

HENDRICKSON LIFT AXLE ORDERING GUIDE: COMPOSILITE® EXF TRAILER, 13K (NON-STEER)

This ORDERING GUIDE is intended to assist you in the selection of Hendrickson COMPOSILITE® EXF Lift Axles for trailer (13k). For comprehensive information on other available Hendrickson models, options and pricing, contact HENDRICKSON CUSTOMER SERVICE at 800.660.2829 (US and Canada) or liftaxle@hendrickson-intl.com. Your Hendrickson Customer Service Representative can help you complete this form.

Company:	Name:	Telephone:
Email:	Fax:	Location:

STEP 1: Please select the required **MOUNTING TYPE:**

Weld-on



Bolt-on (See Bolt-Hole Pattern B in Step 4)



STEP 2: Please select the required **BRAKE TYPE:**

Drum Brakes

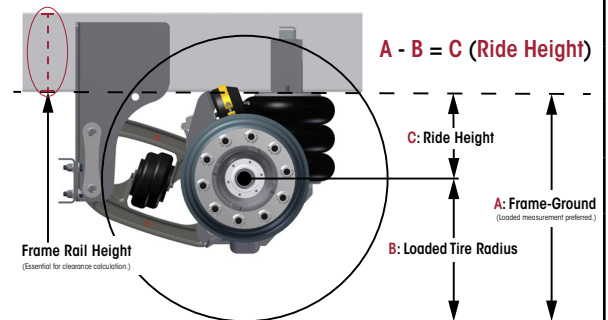
MAXX22T® Air Disc Brakes*

Bendix ADB22x Air Disc Brakes*

STEP 3a: Essential **RIDE HEIGHT** information:

Steps 3b that follows this step is **CRITICAL** for determining proper ride height and to select the right suspension for your vehicle and your operating conditions.

Please refer to the graphic to the right and answer **ALL** of the questions in Step 3b:



STEP 3b To calculate **Ride Height**, please provide us with all of the following information:

Vehicle's Primary Suspension Type: **Air Ride** **Chalmers** **HAULMAAX®** **Mechanical: M-Ride** or **T-Ride** or **Other**

Provide **one**; "loaded" is preferred. (bottom of rail to **ground** at axle location): **Loaded:** **Unloaded:**

Preferred Tire Size:

Frame Rail Height:

Notes: *Frame Rail Height is used in the calculation to assure proper tire clearance in relation to the vehicle's body, trailer bed, etc.

Step 4:	Please select the required FRAME ATTACHMENT CENTERS :		
	32-INCH FRAME ATTACHMENT CENTERS		
	34-INCH FRAME ATTACHMENT CENTERS		
	35-INCH FRAME ATTACHMENT CENTERS		
	38-INCH FRAME ATTACHMENT CENTERS		
	40-INCH FRAME ATTACHMENT CENTERS		
	41-INCH FRAME ATTACHMENT CENTERS		
	42-INCH FRAME ATTACHMENT CENTERS		

Step 5:	Please select WHEEL-END (Hub & Drum) options:			
See Page 4!	Do you require WHEEL ENDS?	YES	NO	If you selected "No", go directly to Step 7.
	Do you require ABS READY?*	YES	NO	*ABS sensor is NOT included.
	Hub material (select one):	DUCTILE IRON		AUSTEMPERED DUCTILE IRON ALUMINUM
Notes:	*ABS Sensor Kit part number is 008245-1. Please order separately.			

Step 6:	Choose HUB OPTIONS (select only one):				
See Page 5!	HXL & TIREMAAX® (Spindles N & P only):		<input type="checkbox"/> Standard (Spindles FF, N, P):		
	Choose ONE Spindle type below:		Choose ONE Spindle type below:		
	Spindle N	Spindle P	Spindle FF	Spindle N	Spindle P
	Now choose ONE option below:		Now choose ONE option below:		
	HXL3® (80w/90 Oil)		Oil 80w/90		
	HXL3® (75w/90 Synthetic Oil)		Oil 75w/90 (Synthetic)		
	HXL5® (Semi-Fluid Grease)		Semi-Fluid Grease		
	*TIREMAAX® PRO or CP with HXL3® (80w/90 Oil)				
*TIREMAAX® PRO or CP with HXL3® (75w/90 Synthetic Oil)					
*TIREMAAX® PRO or CP with HXL5® (Semi-Fluid Grease)					
Notes:	*TIREMAAX® includes hubcap, axle hose, breather, and associated hardware. Please order the controller separately if required.				

Step 7:	Please select an option for DUST SHIELDS* :	
	DUST SHIELDS INSTALLED	NO DUST SHIELDS
Notes:	*Dust Shields are only available for Drum Brakes.	

Step 8: Please select an option for BRAKE CHAMBERS:		
	TYPE 20, 2.25-INCH STROKE BRAKE CHAMBERS <small>(Recommended)</small>	TYPE 14 BRAKE CHAMBERS FOR ADB <small>(Recommended)</small>
	TYPE 20L, 2.50-INCH STROKE BRAKE CHAMBERS	TYPE 16 BRAKE CHAMBERS FOR ADB
	TYPE 16, 2.25-INCH STROKE BRAKE CHAMBERS	TYPE 20-24, 2.50-INCH STROKE BRAKE CHAMBERS
	NO BRAKE CHAMBERS	

Step 9: Please select your DRUM FACE-TO-DRUM FACE measurement:			
	N Spindle: DRUM BRAKE (dished-in 13.5k rating)	AIR DISC BRAKE* (ADB)	
	80.9 (96" Body) actual maximum axle width: 86.6"	* ADB NOT AVAILABLE WITH N SPINDLE	
	86.5 (96" Body) actual maximum axle width: 92.2"		
	89.3 (96" Body) actual maximum axle width: 95.0"		
Recommended	92.7 (102" Body) actual maximum axle width: 98.4"		
Recommended	93.5 (102" Body) actual maximum axle width: 99.2"		
	94.2 (102" Body) actual maximum axle width: 99.9"		
	95.3 (102" Body) actual maximum axle width: 101.0"		
	96.1 (102" Body) actual maximum axle width: 101.8"		
	FF Spindle: DRUM BRAKE (dished-in 13.5k rating)		FF Spindle: AIR DISC BRAKE (dished-in 13.5k rating)
	82.1 (96" Body) actual maximum axle width: 87.3"		82.9 (96" Body) actual maximum axle width: 88.1"
	87.7 (96" Body) actual maximum axle width: 92.9"	88.5 (96" Body) actual maximum axle width: 93.7"	
Recommended	90.5 (96" Body) actual maximum axle width: 95.7"	91.3 (96" Body) actual maximum axle width: 96.5"	
Recommended	93.9 (102" Body) actual maximum axle width: 99.1"	94.6 (102" Body) actual maximum axle width: 99.8"	
	94.7 (102" Body) actual maximum axle width: 99.9"	95.5 (102" Body) actual maximum axle width: 100.7"	
	95.4 (102" Body) actual maximum axle width: 100.6"	96.1 (102" Body) actual maximum axle width: 101.3"	
	96.5 (102" Body) actual maximum axle width: 101.7"	97.3 (102" Body) actual maximum axle width: 102.4"	
	97.3 (102" Body) actual maximum axle width: 102.5"	98.0 (102" Body) actual maximum axle width: 103.2"	
P Spindle (Only Available with 16.5" Ride Height or Higher)			
	P Spindle: DRUM BRAKE (dished-out 13.2k rating)	P Spindle: AIR DISC BRAKE (dished-out, see note*)	
	72.0 (96" Body)	72.1 (96" Body)	
	78.0 (102" Body)	78.1 (102" Body)	
Notes:	*For P Spindle ADB, MAXX22T rating is 12.2k; BENDIX rating is 11k, per hub manufacturer.		

Step 10: Please select an option for **SURFACE TREATMENT:**

Select One Option	Hanger & Crossmember	Axle Body
	Primer	Primer
	Soft Coat	Soft Coat
	Galvanized	Primer
	Galvanized	Soft Coat

Notes: *SOFT COAT and GALVANIZED are NOT available for Weld-On applications.

Step 11: Please select options for **AIR CONTROL KIT SPECIFICATIONS:**

SELECT CONTROL MOUNTING STYLE (CHOOSE ONE OPTION):

Inside cab	Outside on Frame	Maryland Spec.	No Control Requested
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IF OUTSIDE ON FRAME (CHOOSE ONE OPTION):

Steel Box	Composite Box	
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IF LOCK-STRAIGHT OPTION SELECTED (CHOOSE ONE OPTION):

Lift & Lock Straight Reverse	Down & Lock in Reverse	
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NOTES:

If you have an application or requirement not covered by Ordering Guide H814, please explain below; a Hendrickson Technical Support representative will contact you shortly.



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Important Information for Hendrickson Customers:

Wheel-End & Hub Options: Any lift axle and suspension system's weight rating is limited by the lowest rating of any constituent component installed into or onto that system. The tire and rim specifications, orientation and load location can also affect the rating of the hubs and hence the axle and suspension system rating as a whole. It is the installer's responsibility to ensure that the axle and suspension system rating (which may be reduced, as indicated above) is not exceeded. Failure to do this can result in damage to the axle and suspension system. A particular concern is the possible "de-rating" of suspension capacity when using offset (dished-out or dished-in) wheels, a situation that can put an excessive load on the bearings and spindle, which can lead to reduced service life and mechanical failures. When utilizing hubs, wheels or bearings not supplied by or recommended by Hendrickson or when replacing Hendrickson-supplied hubs and/or bearings with components not supplied by Hendrickson, it is the buyer's responsibility to consult with the suppliers of those components and all associated supplier literature to assure that the rated capacity of the axle and suspension system or its sub-assemblies will not be exceeded.

Hendrickson Customer Service: If you have questions about this Ordering Guide or the **EXF Non-Steer Lift Axle** for trailer applications, please contact Hendrickson Technical Services by phone 800.660.2829 or e-mail: liftaxletech@hendrickson-intl.com.

Hendrickson Genuine Parts: For long service life and optimal performance, use only **Hendrickson Genuine Parts** when servicing your lift-axle suspensions system.

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 800.660.2829 or 800.668.5360 in Canada for additional information.



www.hendrickson-intl.com

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**SPECIALTY PRODUCTS -
AUXILIARY AXLE Systems**

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