

## HENDRICKSON LIFT AXLE ORDERING GUIDE: COMPOSILITE® EX/SC TRAILER: 20K (STEERABLE)

This ORDERING GUIDE is intended to assist you in the selection of Hendrickson COMPOSILITE® EX & SC Lift Axles for TRAILER (20K, Steerable). 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:

**WARNING!** FAILURE TO PROVIDE ALL OF THE INFORMATION REQUESTED IN THIS FORM WILL PREVENT HENDRICKSON FROM PROVIDING YOU WITH A SUSPENSION MODEL CONFIGURATION AND PRICE QUOTE. EACH STEP IN THIS FORM REQUIRES YOUR INPUT!

**PLEASE NOTE: IF ORDERING BENDIX ADB22x AIR DISC BRAKES, ONLY THE FL SPINDLE IS AVAILABLE.**

### STEP 1: PLEASE SELECT THE REQUIRED MOUNTING TYPE AND AXLE CAPACITY:

20K Bolt-on Side Mount



20K Weld-on



20K Bolt-on



### STEP 2: PLEASE SELECT THE REQUIRED BRAKE TYPE:

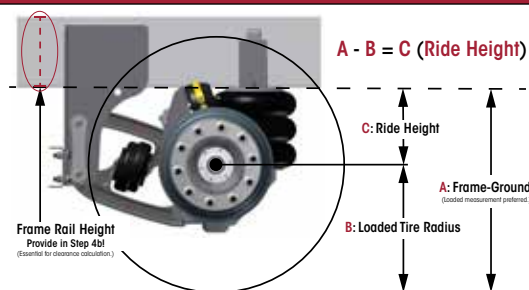
Drum Brakes

Bendix ADB22x Air Disc Brakes

### STEP 3-a: ESSENTIAL RIDE HEIGHT INFORMATION:

**Step 3b** below 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 3-b: TO CALCULATE RIDE HEIGHT, PLEASE PROVIDE US WITH ALL OF THE FOLLOWING INFORMATION:

Select Vehicle's Primary Suspension Type:	<input type="checkbox"/> Air Ride	<input type="checkbox"/> Chalmers	<input type="checkbox"/> Rubber Block	<input type="checkbox"/> Mechanical Spring
Provide <u>one</u> : "loaded" is preferred. (bottom of rail to ground at axle center location):	Loaded:	Unloaded:		
Preferred Tire Size (example: 315/80R 22.5):				
Longitudinal Support Members (Provide Information for Your Trailer Type):				
I-Beam:	Center-to-Center Distance:			
C-Channel:	Frame Width:		C-Channel Width:	
Slider Box:	Outside-to-Outside Distance:			

**WARNING:** FAILURE TO PROVIDE ALL OF THE INFORMATION REQUESTED ABOVE WILL PREVENT HENDRICKSON FROM PROVIDING YOU WITH A SUSPENSION MODEL CONFIGURATION AND PRICE QUOTE. ALL FIELDS IN STEP 3b ARE REQUIRED!

**STEP 4-a: PLEASE SELECT WHEEL-END (HUB & DRUM) OPTIONS:**

Do you require <b>WHEEL ENDS?</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<b>If "No", Go to Step 5 Below.</b>
Do you require <b>ABS READY?*</b>	<input type="checkbox"/> YES	<input type="checkbox"/> NO	

**STEP 4-b: CHOOSE HUB OPTIONS FOR DRUM BRAKES:**

<b>Choose ONE Lubricant Option:</b>	<input type="checkbox"/> Oil 80w/90	<input type="checkbox"/> Oil 75w/90 (Synthetic)	<input type="checkbox"/> Semi-Fluid Grease
<b>Hub Material:</b>	Ductile Iron is the only hub material choice for drum brakes.		

**STEP 4-c: CHOOSE HUB OPTIONS FOR BENDIX 20K AIR DISC BRAKES (OIL ONLY):**

<b>Choose ONE Lubricant Option:</b>	<input type="checkbox"/> Oil 80w/90	<input type="checkbox"/> Oil 75w/90 (Synthetic)	
<b>Choose Hub Material:</b>	<input type="checkbox"/> Ductile Iron	<input type="checkbox"/> Aluminum	<input type="checkbox"/> Ductile Iron <input type="checkbox"/> Aluminum

**STEP 5: PLEASE SELECT AN OPTION FOR DUST SHIELDS:**

<input type="checkbox"/> Dust Shields Installed	<input type="checkbox"/> No Dust Shields
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**STEP 6: PLEASE SELECT AN OPTION FOR LOCK-STRAIGHT:**

<input type="checkbox"/> Lock-Straight Required	<input type="checkbox"/> No Lock-Straight Required
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**NOTES:** All COMPOSILITE EXS axles are shipped Lock-Straight ready. A bolt-on LOCK-STRAIGHT KIT can be added at any time.

**STEP 7: PLEASE SELECT AN OPTION FOR BRAKE CHAMBERS:**

Drum Brakes	Air-Disc Brakes
<input type="checkbox"/> Type 24, 2.50" Stroke	<input type="checkbox"/> Type 18: Bendix Disc
<input type="checkbox"/> Type 30, 3.00" Stroke	<input type="checkbox"/> Type 24: Meritor Disc
<input type="checkbox"/> Type 30/30, 2.50" Stroke	
<input type="checkbox"/> Type 24, 3.00" Stroke	
<input type="checkbox"/> Type 24/24, 2.50" Stroke	
<input type="checkbox"/> Type 24/30, 3.00" Stroke	

**STEP 8: PLEASE SELECT AN OPTION FOR SURFACE TREATMENT:**

Select One Option:	Hanger & Crossmember	Axle Body
<input type="checkbox"/>	Primer	Primer
<input type="checkbox"/>	Soft Coat*	Soft Coat*
<input type="checkbox"/>	Galvanized*	Primer
<input type="checkbox"/>	Galvanized*	Soft Coat*

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

**STEP 9: PLEASE SELECT OPTIONS FOR AIR CONTROL KIT SPECIFICATIONS (SOLD SEPARATELY):**

SELECT CONTROL MOUNTING STYLE (CHOOSE ONE OPTION):

- |                                     |   |   |  |
|-------------------------------------|---|---|--|
| <input type="checkbox"/> Inside cab | <input type="checkbox"/> Outside on Frame | <input type="checkbox"/> Maryland Spec. | <input type="checkbox"/> <u>No</u> Control Requested |
|-------------------------------------|---|---|--|

IF OUTSIDE ON FRAME (CHOOSE ONE OPTION):

- |                                    |  |
|------------------------------------|--|
| <input type="checkbox"/> Steel Box | <input type="checkbox"/> Composite Box |
|------------------------------------|--|

**NOTES: "LIFT & LOCK STRAIGHT REVERSE" IS THE ONLY OPTION FOR 20K SUSPENSIONS.**

**Notes: If you have an application or requirement not covered by Ordering Guide H868, please explain below; a Hendrickson Technical Support representative will contact you shortly.**



*The World Rides On Us®*

### 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 **EX / SC Steerable Lift Axle** for TRAILER APPLICATIONS, please contact Hendrickson Technical Services by phone 800.660.2829 or e-mail: [liftaxletech@hendrickson-intl.com](mailto:liftaxletech@hendrickson-intl.com).

**Hendrickson Genuine Parts:** For long service life and optimal performance, use only **Hendrickson Genuine Parts** when servicing your lift-axle suspension 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](http://www.hendrickson-intl.com)

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**SPECIALTY PRODUCTS -  
AUXILIARY AXLE Systems**

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Hebron, OH 43025 USA  
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**Hendrickson Canada**

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