

HENDRICKSON USE ONLY

ORDERING GUIDE

DROP AXLE

LIT NO: L1322

DATE: November 2023

Rev: D

FORM INSTRUCTIONS

For complete price and model number information on HN or HP Hendrickson Trailer Axles, fax this form to 800.696.4416 in the U.S. or 905.789.1033 in Canada.

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

SAME AS (OR PREVIOUS HENDRICKSON AUX AXLE P/N):	EXCEPT:
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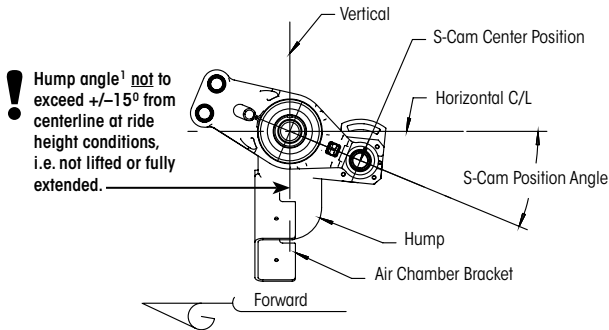
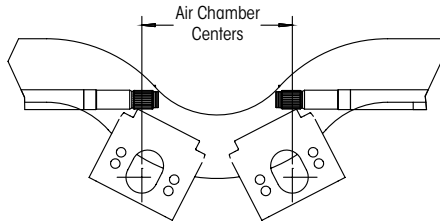
AXLES

AXLE STYLE:	6" Drop Style		
AXLE WALL:	<input type="checkbox"/> 0.625	<input type="checkbox"/> 0.750 (required for hump-up orientation)	
BRAKE SIZE:	<input type="checkbox"/> 12.25"	<input type="checkbox"/> 16.5" x 5"	<input type="checkbox"/> 16.5" x 7"
SPINDLE:	<input type="checkbox"/> HN Only	<input type="checkbox"/> HN <input type="checkbox"/> HP	<input type="checkbox"/> HN <input type="checkbox"/> HP
BRAKE SELECTIONS:	See Chart A	See Chart B	See Chart C

S-CAM POSITION & BRAKE CHAMBER BRACKET

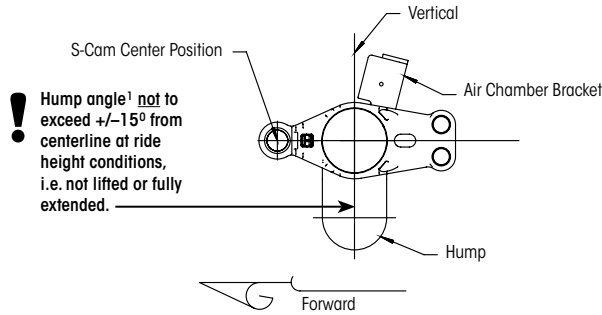
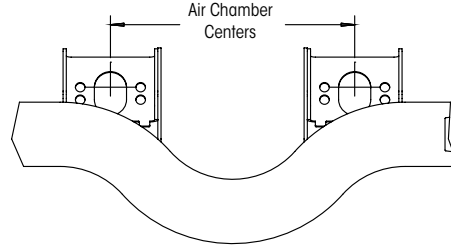
HUMP DOWN/REAR DOWN

Axle Orientation Convention for Rear-Down Part Number Configuration



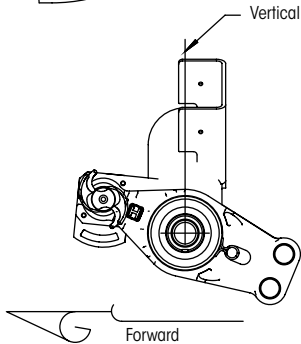
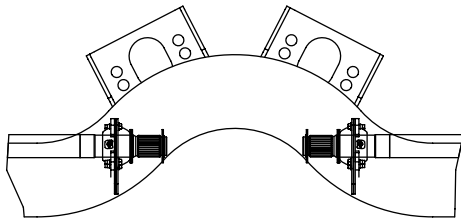
HUMP DOWN/FORWARD UP

Axle Orientation Convention for Front-Up Part Number Configuration

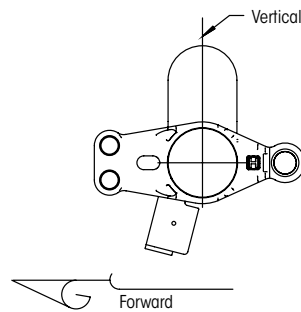
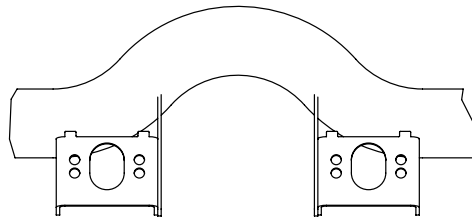


IMPORTANT! ALL ENGAGING CAMS MUST ROTATE THE SAME AS THE WHEELS IN FORWARD MOTION. CAM OPPOSITE ROTATION CAUSES COMPONENT FAILURE. HUMPS MUST BE WITHIN 15 DEGREES OF VERTICAL AS SHOWN.

Alternative axle orientation by customer with the same Rear Down Part Number Configuration
Note: All Hump-Up Axles have 3/4" Axle Wall Thickness.



Alternative axle orientation by customer with the same Forward Up Part Number Configuration
Note: All Hump-Up Axles have 3/4" Axle Wall Thickness.



1. Hump angle not to exceed +/-15° from centerline at ride height conditions, i.e. not lifted or fully extended.

CHART A		12.25" x 7.5" Brakes					
BRAKE LINING:	H20						
BRAKE MODEL:	HXS						
BRAKE COATING:	Standard						
AXLE TRACK:	71.50"						
S-CAM POSITION:	Cams Forward - Brake Adjusters Up			Cams Rear - Brake Adjusters Down			
S-CAM:	28 SPLINE						
S-CAM LENGTH:	20.75						
S-CAM ANGLE:	<input type="checkbox"/> 0 - degrees			<input type="checkbox"/> 15 - degrees			
S-CAM ENCLOSURE:	Standard Cam Bracket						
BRAKE CHAMBER BRACKET:	Standard Chamber Bracket						
BRAKE CHAMBER:	<input type="checkbox"/> 2.5" Stroke			<input type="checkbox"/> 3.0" Stroke			
BRAKE CHAMBER SIZE:	<input type="checkbox"/> No	<input type="checkbox"/> Type 24	<input type="checkbox"/> Type 30	<input type="checkbox"/> Type 24/30	<input type="checkbox"/> Type 30/30	<input type="checkbox"/> Type 30	<input type="checkbox"/> Type 30/30
BRAKE CHAMBER WARRANTY:		Standard		<input type="checkbox"/> Standard	<input type="checkbox"/> Extended Life	Standard	<input type="checkbox"/> Standard <input type="checkbox"/> Extended Life
SLACK ADJUSTER LENGTH:	<input type="checkbox"/> No <input type="checkbox"/> 5.5" <input type="checkbox"/> 6.0" (Long Stroke Recommended)						

CHART B		16.5" x 5" Brakes					
BRAKE LINING:	H15						
BRAKE MODEL:	Standard						
BRAKE COATING:	Standard						
AXLE TRACK:	<input type="checkbox"/> 71.50"			<input type="checkbox"/> 73.50"			
S-CAM POSITION:	Cams Rear - Brake Adjusters Down			Cams Rear - Brake Adjusters Down			
S-CAM:	28 SPLINE			28 SPLINE			
S-CAM LENGTH:	22.375"			22.875"			
S-CAM ANGLE:	15-Degrees			15-Degrees			
S-CAM ENCLOSURE:	Standard Cam Bracket			Standard Cam Bracket			
BRAKE CHAMBER BRACKET:	Standard Chamber Bracket			High Rise Bracket			
BRAKE CHAMBER:	<input type="checkbox"/> 2.5" Stroke			<input type="checkbox"/> 3.0" Stroke			
BRAKE CHAMBER SIZE:	<input type="checkbox"/> No	<input type="checkbox"/> Type 24	<input type="checkbox"/> Type 30	<input type="checkbox"/> Type 30/30	<input type="checkbox"/> Type 30	<input type="checkbox"/> Type 30/30	
BRAKE CHAMBER WARRANTY:		Standard Warranty		<input type="checkbox"/> Standard	<input type="checkbox"/> Extended Life	<input type="checkbox"/> Standard <input type="checkbox"/> Extended Life	
SLACK ADJUSTER LENGTH:	<input type="checkbox"/> No <input type="checkbox"/> 5.5" <input type="checkbox"/> 6.0" (Long Stroke Recommended)						

CHART C	16.5" x 7" Brakes						
BRAKE LINING:	<input type="checkbox"/> H20		<input type="checkbox"/> H23			<input type="checkbox"/> H26	
BRAKE MODEL:	<input type="checkbox"/> Standard <input type="checkbox"/> HXS		<input type="checkbox"/> HXS			<input type="checkbox"/> HXS	
BRAKE COATING:	<input type="checkbox"/> Standard						
AXLE TRACK:	<input type="checkbox"/> 71.50"				<input type="checkbox"/> 77.50"		
S-CAM POSITION:	<input type="checkbox"/> Cams Forward - Brake Adjusters Up	<input type="checkbox"/> Cams Rear - Brake Adjusters Down			<input type="checkbox"/> Cams Rear - Brake Adjusters Down	<input type="checkbox"/> Cams Forward - Brake Adjusters Up	
S-CAM:	<input type="checkbox"/> 28 SPLINE	<input type="checkbox"/> 28 SPLINE			<input type="checkbox"/> 28 SPLINE		<input type="checkbox"/> 28 SPLINE
S-CAM LENGTH:	<input type="checkbox"/> 20.625"	<input type="checkbox"/> 21.625"	<input type="checkbox"/> 22.375"	<input type="checkbox"/> 22.625"	<input type="checkbox"/> 22.375"	<input type="checkbox"/> 24.625"	<input type="checkbox"/> 23.75"
S-CAM ANGLE:	<input type="checkbox"/> 0 - degrees <input type="checkbox"/> 35 - degrees	<input type="checkbox"/> 15 - degrees	<input type="checkbox"/> 15 - degrees	<input type="checkbox"/> 22.5 - degrees	<input type="checkbox"/> 0 - degrees	<input type="checkbox"/> 15 - degrees	<input type="checkbox"/> 0 - degrees <input type="checkbox"/> 35 - degrees
S-CAM ENCLOSURE:	<input type="checkbox"/> Standard Cam Bracket <input type="checkbox"/> Severe Cam Tube	<input type="checkbox"/> Standard Cam Bracket <input type="checkbox"/> Severe Cam Tube Option	<input type="checkbox"/> Standard Cam Bracket	<input type="checkbox"/> Standard Cam Bracket <input type="checkbox"/> Severe Cam Tube	<input type="checkbox"/> Standard Cam Bracket	<input type="checkbox"/> Standard Cam Bracket	<input type="checkbox"/> Standard Cam Bracket <input type="checkbox"/> Severe Cam Tube
BRAKE CHAMBER BRACKET:	<input type="checkbox"/> Standard Chamber Bracket	<input type="checkbox"/> Standard Chamber Bracket <input type="checkbox"/> High Rise Bracket	<input type="checkbox"/> Standard Chamber Bracket <input type="checkbox"/> High Rise Bracket	<input type="checkbox"/> Standard Chamber Bracket <input type="checkbox"/> High Rise Bracket	<input type="checkbox"/> Standard Chamber Bracket <input type="checkbox"/> High Rise Bracket	<input type="checkbox"/> Standard Chamber Bracket <input type="checkbox"/> High Rise Bracket	<input type="checkbox"/> Standard Chamber Bracket
SLACK ADJUSTER LENGTH:	<input type="checkbox"/> No <input type="checkbox"/> 5.5" <input type="checkbox"/> 6.0" (Long Stroke Recommended)						
BRAKE CHAMBER²:	<input type="checkbox"/> 2.5" Stroke					<input type="checkbox"/> 3.0" Stroke	
BRAKE CHAMBER SIZE:	<input type="checkbox"/> No	<input type="checkbox"/> Type 24 <input type="checkbox"/> Type 30	<input type="checkbox"/> Type 30/30		<input type="checkbox"/> Type 30/30	<input type="checkbox"/> Type 30/30	
BRAKE CHAMBER WARRANTY:	<input type="checkbox"/> Standard		<input type="checkbox"/> Standard	<input type="checkbox"/> Extended Life	<input type="checkbox"/> Extended Life	<input type="checkbox"/> Standard	<input type="checkbox"/> Extended Life

2. If brake chamber is selected, a slack adjuster length must also be selected.

DRUM BRAKE RTR® READY-TO-ROLL® PACKAGES	
	<input type="checkbox"/> Standard Service (1-Year Limited Warranty)
HUB MATERIAL:	<input type="checkbox"/> Ductile Iron <input type="checkbox"/> Dura-Light Hub® <input type="checkbox"/> Aluminum
NUMBER OF STUDS:	<input type="checkbox"/> 10 <input type="checkbox"/> 8
BOLT CIRCLE DIAMETER:	<input type="checkbox"/> 11.25" <input type="checkbox"/> 275 mm
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
LUBE TYPE:	<input type="checkbox"/> SAE 80/90 (Standard) <input type="checkbox"/> Semi-Fluid Grease
SEAL:	<input type="checkbox"/> Stemco Discover XR <input type="checkbox"/> Hendrickson Standard
BEARING:	Standard
SPINDLE NUT:	Standard 3-Piece
HUBCAP TYPE:	Standard Bolt-On
ABS TONE RING:	Yes

BRAKE OPTIONS	
DUST SHIELD:	<input type="checkbox"/> No <input type="checkbox"/> Yes (16.5" Brakes Only)
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"/> Bendix 78.7" <input type="checkbox"/> WABCO 36"

BRAKE OPTIONS	
DRUM MATERIAL:	<input type="checkbox"/> Cast <input type="checkbox"/> Fused
DRUM DUTY:	<input type="checkbox"/> Standard <input type="checkbox"/> Heavy Duty
DRUM BALANCING:	Balanced
WHEEL FASTENERS:	<input type="checkbox"/> Yes ³ <input type="checkbox"/> No

3. Two (2) wheel fasteners factory installed per wheel-end with balanced packaged in plastic bag, taped and stretched-wrapped to each wheel-end.

*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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