HENDRICKSON USE ONLY

ORDERING GUIDE

HENDRICKSON TRAILER AXLES – HN / HP MODELS

LIT NO: L964
DATE: January 2018 **REVISION:** AA

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. 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:	❒ Air Suspension	❒ Mechanical Spring			
AXLE STYLE:	Straight				
SPINDLE:	❒ HN	❒ HP			
AXLE TRACK:	❒ 71.5"	❒ 77.5"	❒ Other (69" to 102" in 1/2-inch increments):		
AXLE WALL[1]:	❒ 1/2" Nom.	❒ 5/8" Nom.	❒ 5/8" Heavy Duty	❒ 3/4" Nom.	
TIRE INFLATION SYSTEM[2]:	❒ TIREMAAX® CP (Complete Worksheet on p. 8)		❒ TIREMAAX PRO (Complete Worksheet on p. 8)	❒ 3-Hole Prep	❒ No

Are you ordering air disc brakes? ❒ No (Continue on page 1) ❒ Yes (Go to page 4)

DRUM BRAKES*

*Slack and brake chamber combinations will affect brake ratings. Refer to L809 for Brake Certifications.

BRAKE LINING:	❒ H20	❒ H20			❒ H23		❒ H26	
BRAKE SIZE:	❒ 12.25" × 7.5"	❒ 15" × 8-5/8"	❒ 16.5" × 7"	❒ 16.5"× 8-5/8"	❒ 16.5" × 7"	❒ 16.5"× 8-5/8"	❒ 16.5"× 7"	❒ 16.5"× 8-5/8"
BRAKE MODEL:	HXS®	HXS	❒ Standard ❒ HXS	HXS	❒ Standard ❒ HXS	HXS	HXS	
BRAKE COATING:	Standard	Standard	❒ Standard	❒ AAXTREME COAT® (HXS Only)	❒ Standard	❒ AAXTREME COAT (HXS Only)	Standard	
BRAKE CHAMBER SIZE:	❒ No	❒ No	❒ No		❒ No		❒ No	
Service / Spring:	❒ 24/24 ❒ 24/30 ❒ 30/30	❒ 30/30	❒ 24/24	❒ 30/30	❒ 24/24	❒ 30/30	❒ 24/24	❒ 30/30 ❒ 36/36[3]
Service Only[4]:	❒ Type 24 ❒ Type 30	❒ Type 30	❒ Type 24	❒ Type 30	❒ Type 24	❒ Type 30	❒ Type 24	❒ Type 30

1. 1/2-inch nominal axle wall is only permitted on mechanical spring suspensions.
2. Refer to Hendrickson publication L583 Comprehensive Warranty Statement for complete details related to competitor tire inflation systems.
3. Economic Commission for Europe (ECE) only.
4. "Service – only" brake chambers are used when parking brakes are not needed.

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DRUM BRAKES (Continued)

BRAKE CHAMBER:	❒ No	❒ Standard 2.5" Stroke	❒ Standard 3.0" Stroke	❒ Other:	
BRAKE CHAMBER WARRANTY:	❒ No	❒ Standard	❒ Extended Life		
BRAKE CHAMBER BRACKET:	❒ Standard	❒ High Rise (Not available with 15" × 8-5/8" brakes)	❒ No (Air Disc Brakes Only)		
BRAKE ADJUSTER TYPE:	❒ No	❒ Auto	❒ Manual		
BRAKE ADJUSTER BRAND:	❒ No	❒ Standard	❒ Other:		
BRAKE ADJUSTER LENGTH:	❒ No	❒ Standard 5.5"	❒ Standard 6.0" (Long stroke chamber recommended)		
S-CAM SPLINES:	❒ 28 Spline	❒ 10 Spline			
S-CAM LENGTH:	❒ 23.75" (Air Suspension)	❒ 20.625" (Spring Suspension)	❒ Other (6.5" min - 35.5" max):		
CAM ENCLOSURE[5]:	❒ Standard Cam Bracket	❒ Cam Tube System			
S-CAM / BRAKE ADJUSTER POSITION:	❒ Cams Rear — Brake Adjusters Down (Standard)		❒ Cams Forward — Brake Adjusters Up		
DUST SHIELD:	❒ No	❒ Yes			
ABS SENSOR:	❒ No	❒ Haldex 19.7"	❒ WABCO 15.7"	❒ Bendix 14.84"	❒ WABCO 36.0"
SPINDLE NUT:	❒ No	❒ Standard 3-Piece Nut			

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

DRUM BRAKE RTR® READY-TO-ROLL® PACKAGES[6]

	❒ **Standard Service** (1-Year Limited Warranty[7])	❒ **HXL3® Hendrickson Extended-Life System™** (3-Year Limited Warranty[7])	❒ **HXL5® Hendrickson Extended-Life System™** (5-Year Limited Warranty[7])	❒ **HXL7® Hendrickson Extended-Life System™** (7-Year Limited Warranty[7])	❒ **ConMet PreSet®** (5-Year Limited Warranty[7])
SPINDLE:	❒ HN ❒ HP	❒ HN ❒ HP	❒ HN ❒ HP	HP	❒ HN ❒ HP
HUB MATERIAL:	❒ Ductile Iron ❒ Dura-Light Hub® ❒ Aluminum	❒ Ductile Iron ❒ Dura-Light Hub ❒ Aluminum	❒ Ductile Iron ❒ Dura-Light Hub ❒ Aluminum	❒ Ductile Iron ❒ Dura-Light Hub ❒ Aluminum	Aluminum
ABS TONE RING:	Yes	Yes	Yes	Yes	Yes
NUMBER OF STUDS: B.C. = Bolt Circle Diameter	❒ 10 (11.25-inch B.C.) ❒ 8 (275 mm B.C.)	10 (11.25-inch B.C.)	10 (11.25-inch B.C.)	10 (11.25-inch B.C.)	10
WHEEL MATERIAL:	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum
DUAL / SUPER SINGLE: (SS) Short Stud (LS) Long Stud	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)
LUBE TYPE:	❒ SAE 80/90 (Standard) ❒ Semi-Fluid Grease ❒ Other:	❒ SAE 80/90 (Standard) ❒ Synthetic 75W/90	Semi-Fluid Grease	Semi-Fluid Grease	❒ Semi-Fluid Grease ❒ Synthetic 75W/90
SEAL BRAND:	❒ Stemco Voyager ❒ Stemco Guardian ❒ Stemco Discover ❒ Federal Mogul	Standard	Standard	Standard	No (ConMet Included)
BEARING BRAND:	❒ Standard ❒ Other:	Standard	Standard	Standard	No (ConMet Included)
SPINDLE NUT:	❒ 3-Piece (Set Screw)	PRECISION240® Nut System **or** PRECISION320® Nut System	PRECISION240 Nut System **or** PRECISION320 Nut System	PRECISION320 Nut System	Standard 3-Piece Nut
HUBCAP TYPE:	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On	Standard Bolt-On

DRUM OPTIONS

DRUM MATERIAL:	❒ Cast	❒ Fused
DRUM DUTY:	❒ Standard	❒ Heavy Duty
DRUM BALANCING:	Balanced	
WHEEL FASTENERS:	❒ Yes[8]	❒ No

6. Consult a customer service representative to ensure the compatibility of the wheel-end equipment with the other selected suspension parameters. RTR® READY-TO-ROLL® wheel-end packages are standard with hub-piloted hubs.
7. Refer to Hendrickson publication L583 Comprehensive Warranty Statement for complete details.
8. Two (2) wheel fasteners factory installed per wheel-end with balanced packaged in plastic bag, taped and stretched-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:	❒ No ❒ Yes (Service Only Chamber Available)			
DISC BRAKE APPROVAL:	❒ 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	415mm Cast Iron	415mm Cast Iron	415mm Cast Iron
PAD/LINING:	WABCO 233			
BRAKE CALIPER POSITION: **For TRLAXLE® Only - See page 7 for reference**	❒ A – For top-mount mechanical suspensions or top-mount air suspensions with brake chamber to **rear** of axle ❒ B – For top-mount air suspensions with brake chamber to **front** of axle ❒ C – For low-ride underslung air suspensions			
BRAKE CHAMBER:	❒ Type 18/24 Std ❒ Type 18 (Dolly)			
RTR® READY-TO-ROLL® WHEEL-END PACKAGES:	❒ **Standard Service** (1-year Limited Warranty[7])	❒ **HXL3® Hendrickson Extended-Life System™** (3-year Limited Warranty[7])	❒ **HXL5® Hendrickson Extended-Life System™** (5-year Limited Warranty[7])	❒ **HXL7® Hendrickson Extended-Life System™** (7-year Limited Warranty[7])
SPINDLE:	❒ HN ❒ HP	❒ HN ❒ HP	❒ HN ❒ HP	HP
HUB MATERIAL:	❒ Dura-Light Hub® ❒ Ductile Iron	❒ Dura-Light Hub ❒ Ductile Iron	❒ Dura-Light Hub ❒ Ductile Iron	❒ Dura-Light Hub ❒ Ductile Iron
HUB STYLE:	Hub-Piloted × 10-stud × 11.25" BC for 22.5" and 24.5" tires			
WHEEL MATERIAL:	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum
DUAL / SUPER SINGLE: **(SS) Short Stud** **(LS) Long Stud**	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)
LUBE TYPE:	❒ SAE 80/90 ❒ Semi-Fluid Grease ❒ Synthetic 75W/90	❒ SAE 80/90 ❒ Synthetic 75W/90	Semi-Fluid Grease	Semi-Fluid Grease
SEAL:	Standard	Standard	Standard	Standard
BEARINGS:	Standard	Standard	Standard	Standard
HUBCAP TYPE:	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On
SPINDLE NUT:	Standard 3-Piece Nut	PRECISION240® Nut System **or** PRECISION320® Nut System	PRECISION240 Nut System **or** PRECISION320 Nut System	PRECISION320 Nut System
WHEEL FASTENERS:	❒ Yes[8] ❒ No			
ABS TONE RING / DUST SHIELD:	Required			
ABS SENSORS (Required):	❒ Bendix 14.84" ❒ Bendix 78.7" ❒ Haldex 19.7" ❒ Haldex 78.7" ❒ WABCO 39.4"			

DISC BRAKES*	*Please refer to L1225 at www.hendrickson-intl.com for more important information to consider when spec'ing air disc brakes.				
	WABCO PAN22-1 ADB				
CONVERTER DOLLY APPLICATION:	❒ No ❒ Yes (Service Only Chamber Available)				
DISC BRAKE APPROVAL: (Must select one)	❒ Preapproval: 20,000 lb or less GAWR **or** ❒ Online Approval # _____ **or** ❒ Complete ADB Waiver on page 9 **or** ❒ Complete ADB Application Form on page 9				
ROTOR BRAND/MATERIAL:	430mm Cast Iron	430mm Cast Iron	430mm Cast Iron	430mm Cast Iron	430mm ConMet Cast Iron
PAD/LINING:	WABCO 230				
BRAKE CALIPER POSITION: **For TRLAXLE® Only - See page 7 for reference**	❒ A – For top-mount mechanical suspensions or top-mount air suspensions with brake chamber to **rear** of axle ❒ B – For top-mount air suspensions with brake chamber to **front** of axle ❒ C – For low-ride underslung air suspensions				
BRAKE CHAMBER:	❒ WABCO 20/24 Std ❒ WABCO 20 (Dolly)				
RTR® READY-TO-ROLL® WHEEL-END PACKAGES:	❒ **Standard Service** (1-year Limited Warranty[7])	❒ **HXL3® Hendrickson Extended-Life System™** (3-year Limited Warranty[7])	❒ **HXL5® Hendrickson Extended-Life System™** (5-year Limited Warranty[7])	❒ **HXL7® Hendrickson Extended-Life System™** (7-year Limited Warranty[7])	❒ **ConMet PreSet** (5-year Limited Warranty[7])
SPINDLE:	❒ HN ❒ HP	❒ HN ❒ HP	❒ HN ❒ HP	HP	❒ HN ❒ HP
HUB MATERIAL:	Ductile Iron	Ductile Iron	Ductile Iron	Ductile Iron	ConMet Aluminum
HUB STYLE:	Hub-Piloted × 10-stud × 11.25" BC for 22.5" and 24.5" tires				
WHEEL MATERIAL:	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum
DUAL / SUPER SINGLE: **(SS) Short Stud** **(LS) Long Stud**	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)
LUBE TYPE:	❒ SAE 80/90 ❒ Semi-Fluid Grease ❒ Synthetic 75W/90	❒ SAE 80/90 ❒ Synthetic 75W/90	Semi-Fluid Grease	Semi-Fluid Grease	❒ Semi-Fluid Grease ❒ Synthetic 75W/90
SEAL:	Standard	Standard	Standard	Standard	No (ConMet Included)
BEARINGS:	Standard	Standard	Standard	Standard	No (ConMet Included)
HUBCAP TYPE:	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On	Standard Bolt-On
SPINDLE NUT:	Standard 3-Piece Nut	PRECISION240® Nut System **or** PRECISION320® Nut System	PRECISION240 Nut System **or** PRECISION320 Nut System	PRECISION320 Nut System	Standard 3-Piece Nut
WHEEL FASTENERS:	❒ Yes[8] ❒ No				
ABS TONE RING / DUST SHIELD:	Required				
ABS SENSORS (Required):	❒ Bendix 14.84" ❒ Bendix 78.7" ❒ Haldex 19.7" ❒ Haldex 78.7" ❒ WABCO 39.4" ❒ WABCO 66.9"				

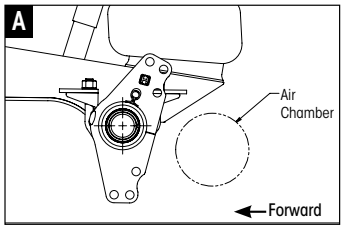
DISC BRAKES*	*Please refer to L1225 at www.hendrickson-intl.com for more important information to consider when spec'ing air disc brakes.					
	KNORR / BENDIX ADB22X					
CONVERTER DOLLY APPLICATION:	❒ No ❒ Yes (STOP. ADB22X is not approved for dollies. Must spec MAXX22T™ or PAN22-1)					
DISC BRAKE APPROVAL: (Must select one)	❒ Preapproval: Tandem Trailer – 80,000 lb GCW Max, Tridem Trailer – 98,000 GCW **or** ❒ Online Approval # _____ **or** ❒ Complete ADB Waiver on page 9 **or** ❒ Complete ADB Application Form on page 9					
ROTOR BRAND/MATERIAL:	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm Knorr Cast Iron	430mm ConMet Cast Iron
PAD/LINING:	Jurid 539-29					
BRAKE CALIPER POSITION: **For TRLAXLE® Only - See page 7 for reference**	❒ A – For top-mount mechanical suspensions or top-mount air suspensions with brake chamber to **rear** of axle ❒ B – For top-mount air suspensions with brake chamber to **front** of axle ❒ C – For low-ride underslung air suspensions					
BRAKE CHAMBER:	❒ Knorr 18/24 Std					
RTR® READY-TO-ROLL® WHEEL-END PACKAGES:	❒ **Standard Service** (1-year Limited Warranty[7])	❒ **HXL3® Hendrickson Extended-Life System™** (3-year Limited Warranty[7])	❒ **HXL5® Hendrickson Extended-Life System™** (5-year Limited Warranty[7])	❒ **HXL7® Hendrickson Extended-Life System™** (7-year Limited Warranty[7])	❒ **ConMet PreSet** (5-year Limited Warranty[7])	
HUB MATERIAL:	Ductile Iron	Ductile Iron	Ductile Iron	Ductile Iron	❒ ConMet AL Splined	❒ ConMet Ductile Iron (HP Only) ❒ ConMet Aluminum
SPINDLE:	❒ HN ❒ HP	❒ HN ❒ HP	❒ HN ❒ HP	HP	❒ HN ❒ HP	
HUB STYLE:	Hub-Piloted × 10-stud × 11.25" BC for 22.5" and 24.5" tires					
WHEEL MATERIAL:	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	
DUAL / SUPER SINGLE: **(SS) Short Stud** **(LS) Long Stud**	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	
LUBE TYPE:	❒ SAE 80/90 ❒ Semi-Fluid Grease ❒ Synthetic 75W/90	❒ SAE 80/90 ❒ Synthetic 75W/90	Semi-Fluid Grease	Semi-Fluid Grease	❒ Semi-Fluid Grease ❒ Synthetic 75W/90	
SEAL:	Standard	Standard	Standard	Standard	No (ConMet Included)	
BEARINGS:	Standard	Standard	Standard	Standard	No (ConMet Included)	
HUBCAP TYPE:	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On	Corrosion Resistant Bolt-On	Standard Bolt-On	
SPINDLE NUT:	Standard 3-Piece Nut	PRECISION240® Nut System **or** PRECISION320® Nut System	PRECISION240 Nut System **or** PRECISION320 Nut System	PRECISION320 Nut System	Standard 3-Piece Nut	
WHEEL FASTENERS:	❒ Yes[8] ❒ No					
ABS TONE RING / DUST SHIELD:	Required					
ABS SENSORS (Required):	❒ Bendix 14.84" ❒ Bendix 78.7" ❒ Haldex 19.7" ❒ Haldex 78.7" ❒ WABCO 39.4" ❒ WABCO 66.9"					

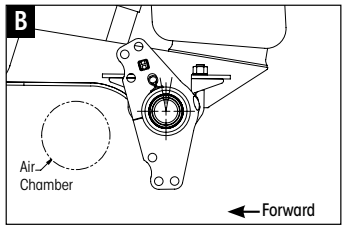
DISC BRAKES*

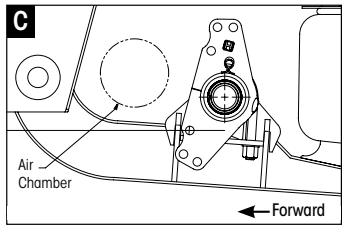
*Please refer to L1225 at www.hendrickson-intl.com for more important information to consider when spec'ing air disc brakes.

	WABCO PAN19-1 ADB (for use with 19.5 " wheels)		
CONVERTER DOLLY APPLICATION:	❒ No ❒ Yes (Service Only Chamber Available)		
DISC BRAKE APPROVAL: (Must select one)	❒ Preapproval: 20,000 lb or less GAWR **or** ❒ Online Approval # _____ **or** ❒ Complete ADB Waiver on page 9 **or** ❒ Complete ADB Application Form on page 9		
PAD/LINING:	WABCO 230		
BRAKE CALIPER POSITION: **For TRLAXLE® Only - See below for reference**	❒ A – For top-mount mechanical suspensions or top-mount air suspensions with brake chamber to **rear** of axle ❒ B – For top-mount air suspensions with brake chamber to **front** of axle ❒ C – For low-ride underslung air suspensions		
BRAKE CHAMBER:	❒ WABCO 16/24 Std ❒ WABCO 16 (Dolly)		
ABS TONE RING / DUST SHIELD:	Required		
ABS SENSORS (Required):	❒ Bendix 14.84" ❒ Bendix 78.7" ❒ Haldex 19.7" ❒ Haldex 78.7" ❒ WABCO 39.4"		
ROTOR BRAND/MATERIAL:	375mm Standard Cast Iron	375mm Standard Cast Iron	375mm Standard Cast Iron
RTR® READY-TO-ROLL® WHEEL-END PACKAGES:	❒ **Standard Service** (1-year Limited Warranty[7])	❒ **HXL3® Hendrickson Extended-Life System™** (3-year Limited Warranty[7])	❒ **HXL5® Hendrickson Extended-Life System™** (5-year Limited Warranty[7])
SPINDLE:	❒ HN ❒ HP	❒ HN ❒ HP	❒ HN ❒ HP
HUB MATERIAL:	Ductile Iron	Ductile Iron	Ductile Iron
HUB STYLE:	Hub-Piloted × 10-stud × 11.25" BC for 19.5" tires		
WHEEL MATERIAL:	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum	❒ Aluminum ❒ Steel ❒ Steel / Aluminum
DUAL / SUPER SINGLE: **(SS) Short Stud** **(LS) Long Stud**	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)	❒ Dual ❒ Super Single (SS) ❒ Super Single (LS)
LUBE TYPE:	❒ SAE 80/90 ❒ Semi-Fluid Grease ❒ Synthetic 75W/90	❒ SAE 80/90 ❒ Synthetic 75W/90	Semi-Fluid Grease
SEAL:	Standard	Standard	Standard
BEARINGS:	Standard	Standard	Standard
SPINDLE NUT:	Standard 3-Piece Nut	PRECISION240® Nut System PRECISION320® Nut System **or**	PRECISION240 Nut System PRECISION320 Nut System **or**
HUBCAP TYPE:	Standard Bolt-On	Standard Aluminum Bolt-On	Standard Aluminum Bolt-On
WHEEL FASTENERS:	❒ Yes[8] ❒ No		

BRAKE CALIPER POSITION







⚠ **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.

TIREMAAX® KIT WORKSHEET[9,10] (Not included in Hendrickson Trailer Axle Model Number — Sold Separately)

CONTROLLER TYPE:	❒ CP			❒ PRO							
ELECTRICAL CONNECTION:	❒ Delphi Weather Pack (Standard)			❒ Blade Terminals[11] (Hendrickson Controls approval required)							
NUMBER OF AXLES:	❒ 1	❒ 2	❒ 3	❒ 4	❒ Other:						
HUBCAP TYPE:	❒ Hendrickson Bolt-On			❒ Hendrickson Extended Bolt-On[12]							
LUBE TYPE:	❒ Semi-Fluid Grease			❒ Oil							
WHEEL STYLE / MATERIAL	❒ Dual / Aluminum			❒ Dual / Steel or Combo			❒ Super Single / Aluminum (straight hose)				
	❒ Super Single / Steel (outboard valve stem; 180-degree hose)						❒ Super Single / Steel (inboard valve stem; straight hose)				
TIRE SIZE:	❒ 17.5"	❒ 19.5"	❒ 22.5"	❒ 24.5"							
COLD TIRE PRESSURE SETTING (psi)[13]:	❒ 70	❒ 75	❒ 80	❒ 85	❒ 90	❒ 95	❒ 100	❒ 105	❒ 110	❒ 115	❒ 120
TRAILER-MOUNTED INDICATOR LIGHT KIT:	❒ LED – 12V with 65-foot Cable (Standard)			❒ LED – 12V with 35-foot Cable			❒ LED – 24V (Export[14])				
	❒ Incandescent – 12V			❒ No[11]							
WIRING HARNESS:	❒ Premium, 15-Foot, ABS-ready			❒ Premium, 3-Foot, ABS-ready							
	❒ Standard, 18-inch, Wiring Adapter Plug			❒ No[11] (Hendrickson Controls approval required)							
AIR PLUMBING KIT:	❒ Manifold[15]	❒ No									
CONTROLLER TANK VALVE[16]: (Pressure Check)	❒ Yes (CP Models Only)	❒ No									

9. 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.
10. When installing TIREMAAX®, please contact Hendrickson to verify correct wheel-end component integration.
11. Controllers featuring blade terminals, require the light kit and wiring harness options to be "no".
12. Required for axles with TIREMAAX PRO equipped with cross-drilled spindles and using the castellated spindle nut. Please verify spindle nut requirements.
13. Refer to tire manufacturer's recommended tire pressure. TIREMAAX PRO is restricted to cold tire pressure setting of 85-120 psi.
14. 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.
15. Not available for single-axle systems.
16. Not available with TIREMAAX PRO.

Complete the AIR DISC BRAKE WAIVER or APPLICATION FORM if you did not check PRE-APPROVED or ONLINE APPROVAL on page 5, 6 or 7.

⚠ CAUTION: DUE to design and performance differences of various air disc brake models, and between drum and disc brake systems, it is important to ensure compatibility of the brake systems between the tractor and trailer. Changes to the tractor brake linings may be required to produce a balanced tractor / trailer braking system. Vehicle owners / operators should review any such required changes with the tractor manufacturer. Failure to follow any such required changes or applicable operating, service and maintenance instructions can cause tractor / trailer brake components to wear out prematurely and will void any applicable Hendrickson warranty coverage.

AIR DISC BRAKE WAIVER

ADDITIONAL TERMS AND CONDITIONS

This Ordering Guide / Application Form is subject to, at minimum, the following terms and conditions:

- Any application approval from Hendrickson Trailer Suspension Systems ("Hendrickson") and/or the respective air disc brake manufacturer is (i) general in nature, (ii) based upon the above-referenced information as provided by the REQUESTER and without Hendrickson's first-hand knowledge of such information, and (iii) does not account for any additional information regarding the subject vehicle's operating condition and configuration, or any unauthorized modifications or repairs that may have been conducted.
- The subject application(s) and the installation, operation, service and maintenance of Hendrickson suspension or axle systems and related components must comply with all applicable written capacity ratings, specifications, instructions and guidelines from Hendrickson, the tractor, the trailer and the respective air disc brake manufacturer. Contact Hendrickson, the tractor, the trailer and the respective air disc brake manufacturer for any additional copies of their applicable written materials.
- Any application approval does not account for, nor shall Hendrickson in way be responsible for, any adverse effect on the form, fit or function of or any damages sustained to the Hendrickson suspension or axle systems and related components due to improper installation, operation, service or maintenance, unauthorized modification, neglect, accident, misuse, or operation beyond the written capacity ratings and specifications of the suspension or axle systems and related components or the vehicle to which such equipment and components are attached.
- Any application approval is null and void if (i) any of the information provided by the REQUESTER is incorrect or incomplete, or (ii) there is any deviation from the applicable written capacity ratings, specifications, instructions and guidelines from Hendrickson and the respective air disc brake manufacturer regarding the installation, operation, service and maintenance of the Hendrickson suspension or axle systems and related components.
- Any application approval does not constitute an expressed or implied warranty, including any warranty of merchantability or fitness for a particular purpose.
- Hendrickson reserves the right to modify any application approval, and any recommendations and/or prices if the above-referenced information provided by the REQUESTER changes in any way. The REQUESTER shall immediately notify Hendrickson's Application Engineering Department in writing of any / all changes in such information that may affect the operation, performance, service and/or maintenance of the vehicle, brakes.

I understand the above, and by signing and not supplying information on the application form on page 9, I am:

- Requesting an air disc brake suspension or axle model number, price and availability, and
- Taking responsibility for the application of the brake system if I order a suspension or axle model without supplying the information on the application form on page 9.

REQUESTER:
Authorized Contact Person: _____ **Date:** _____ **Title:** _____

Signature: _____

AIR DISC BRAKE APPLICATION FORM

FLEET / END USER INFORMATION

Fleet Name / Dealer: _____ Location: _____
Phone: _____ Contact Person: _____
Email: _____

Trailer Manufacturer: _____

Trailer Type:
❒ Dry Van ❒ Reefer ❒ Pup Trailers
❒ Tanker / Bulk ❒ Platform ❒ Specialty
❒ Dump ❒ Dolly ❒ Other

Number of Axles: ❒ 1 ❒ 2 ❒ 3 ❒ Other _____

Tagged Axle Weight: _____ GCW: _____

Wheel Make: _____ Wheel Model #: _____
Tire Make: _____ Tire Model: _____

TRAILER USAGE

Duty Cycle: (check all that apply)

❒ Line Haul Truck Load
❒ Line Haul Contract Carrier
❒ On-highway, Heavy-haul / Specialty
❒ On- / Off-highway Construction / Heavy-haul
❒ Off-highway Logging / Mining / Construction
❒ Line Haul LTL
❒ On-highway
❒ Other _____

The above-reference trailer(s) will be used with:

❒ Disc brake tractors only
❒ Both disc and brake tractors
❒ Drum brake tractors only

Notes

Notes

*Call your trailer dealer or Hendrickson at **330.489.0045** or **866.RIDEAIR (743.3247)** for additional information.*

HENDRICKSON

www.hendrickson-intl.com

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