

HENDRICKSON USE ONLY

H[®] ORDERING GUIDE

INTRAAX[®] SP PLATFORM SLIDER SUSPENSION

LIT NO: L802

DATE: December 2020

REVISION: JJ

FORM INSTRUCTIONS

For complete price and model number information on an INTRAAX[®] SP platform slider suspension system, 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.

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

| | |
|-----------------|----------------|
| SAME AS: | EXCEPT: |
|-----------------|----------------|

SLIDER / SUSPENSION

| AXLE ARRANGEMENT: | <input type="checkbox"/> SINGLE | | <input type="checkbox"/> TANDEM | | <input type="checkbox"/> TRIDEM |
|---|---|---|---|---|---|
| PLATFORM SLIDER MODEL: | <input type="checkbox"/> AAZNT 23K | <input type="checkbox"/> AAZL 23K | <input type="checkbox"/> AAZNT 46K | <input type="checkbox"/> AAZL 46K | <input type="checkbox"/> AAZNT 69K |
| AXLE SPREAD: | N/A | | <input type="checkbox"/> 49" <input type="checkbox"/> 60" <input type="checkbox"/> 72" | <input type="checkbox"/> 49" <input type="checkbox"/> 60" <input type="checkbox"/> 72" | <input type="checkbox"/> 60" <input type="checkbox"/> 72" |
| RIDE HEIGHT: | <input type="checkbox"/> 13.5" <input type="checkbox"/> 14" <input type="checkbox"/> 15" <input type="checkbox"/> 16" <input type="checkbox"/> 17" | <input type="checkbox"/> 6.5" <input type="checkbox"/> 7.5" <input type="checkbox"/> 8" <input type="checkbox"/> 9" <input type="checkbox"/> 12" | <input type="checkbox"/> 13.5" <input type="checkbox"/> 14" <input type="checkbox"/> 15" <input type="checkbox"/> 16" <input type="checkbox"/> 17" | <input type="checkbox"/> 6.5" <input type="checkbox"/> 7.5" <input type="checkbox"/> 8" <input type="checkbox"/> 9" <input type="checkbox"/> 12" | <input type="checkbox"/> 13.5" <input type="checkbox"/> 14" <input type="checkbox"/> 15" <input type="checkbox"/> 16" <input type="checkbox"/> 17" |
| I-BEAM CENTERS / AXLE TRACK ¹ : | <input type="checkbox"/> 37" / 71.5" | | <input type="checkbox"/> 38" / 71.5" | <input type="checkbox"/> 43" / 77.5" | <input type="checkbox"/> 44" / 77.5" |
| I-BEAM BOTTOM FLANGE WIDTH ² : | <input type="checkbox"/> 4" <input type="checkbox"/> 4" with Bearing Blocks | | <input type="checkbox"/> 4.5" | <input type="checkbox"/> 5" | |
| I-BEAM BOTTOM FLANGE THICKNESS: | <input type="checkbox"/> .375" to .500" | | <input type="checkbox"/> Greater than .500" Not to exceed .750" | | |
| CUSTOMER-SUPPLIED WEB REINFORCEMENT PLATES ² : | <input type="checkbox"/> Inner (3/16" max. thickness) | | <input type="checkbox"/> Outer | | |
| SHOCK ABSORBER: | Standard | | | | |
| SHOCK STRAPS: | <input type="checkbox"/> Yes | | <input type="checkbox"/> No | | |
| AIR SPRING PSI RANGE: | <input type="checkbox"/> Standard | | <input type="checkbox"/> Low Pressure | | |
| SURFACE COATING: | <input type="checkbox"/> Standard Black Primer | | <input type="checkbox"/> Finished Black Soft Coat | <input type="checkbox"/> Finished Gray Soft Coat | |

1. Refer to "L846 - Wide Base Tire Configuration Bulletin" for truck / wheel recommendations.

2. For information purposes only, not for ordering.

AXLE

| | | |
|---|--|---|
| SPINDLE: | <input type="checkbox"/> HN | <input type="checkbox"/> HP |
| TIRE INFLATION SYSTEM³: | <input type="checkbox"/> TIREMAAX [®] CP (Complete Worksheet on page 8) | <input type="checkbox"/> TIREMAAX PRO (Complete Worksheet on page 8) <input type="checkbox"/> 3-Hole Prep <input type="checkbox"/> No |



Are you ordering air disc brakes? No (Continue on page 2) Yes (Go to page 4)

DRUM BRAKES *

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

| | | | | | | |
|------------------------------------|--|---|---|--|--|---|
| BRAKE LINING: | <input type="checkbox"/> H20 | | <input type="checkbox"/> H23 | | <input type="checkbox"/> H26 | |
| BRAKE SIZE: | <input type="checkbox"/> 16.5" x 7" | <input type="checkbox"/> 16.5" x 8-5/8" | <input type="checkbox"/> 16.5" x 7" | <input type="checkbox"/> 16.5" x 8-5/8" | <input type="checkbox"/> 16.5" x 7" | <input type="checkbox"/> 16.5" x 8-5/8" |
| BRAKE MODEL: | <input type="checkbox"/> Standard <input type="checkbox"/> HXS [®] | HXS | <input type="checkbox"/> Standard <input type="checkbox"/> HXS | HXS | HXS | HXS |
| BRAKE COATING: | <input type="checkbox"/> Standard | <input type="checkbox"/> AAXTREME COAT [®] (HXS Only) | <input type="checkbox"/> Standard | <input type="checkbox"/> AAXTREME COAT (HXS Only) | Standard | |
| BRAKE CHAMBERS⁴: | <input type="checkbox"/> 2.5" Standard Stroke | | | | <input type="checkbox"/> 3.0" Long Stroke | |
| SIZE / WARRANTY: | <input type="checkbox"/> None | <input type="checkbox"/> Type 30/30 Standard Warranty | <input type="checkbox"/> Type 30/30 Extended Warranty | <input type="checkbox"/> Type 24/30 Standard Warranty | <input type="checkbox"/> Type 24/24 Standard Warranty | <input type="checkbox"/> Type 30/30 Standard <input type="checkbox"/> Type 30/30 Extended Warranty |
| SLACK ADJUSTER: | <input type="checkbox"/> None | <input type="checkbox"/> Standard 5.5" | | | <input type="checkbox"/> Standard 6.0" | |
| S-CAM: | <input type="checkbox"/> 28 Spline | <input type="checkbox"/> 10 Spline | | | | |
| DUST SHIELD: | <input type="checkbox"/> No | <input type="checkbox"/> Yes | | | | |
| ABS SENSOR: | <input type="checkbox"/> No | <input type="checkbox"/> Haldex 19.7" | <input type="checkbox"/> WABCO 15.7" | <input type="checkbox"/> Bendix 14.8" | <input type="checkbox"/> Bendix 78.7" | <input type="checkbox"/> WABCO 36.0" |
| ABS SENSOR LOCATION: | Single: | <input type="checkbox"/> None | <input type="checkbox"/> 2 | | | |
| | Tandem: | <input type="checkbox"/> None | <input type="checkbox"/> 2 – Front | <input type="checkbox"/> 2 – Rear | <input type="checkbox"/> 4 – Both | |
| SPINDLE NUT: | <input type="checkbox"/> No | <input type="checkbox"/> Standard 3-Piece Nut | | | | |

3. Refer to Hendrickson publication L583 Comprehensive Warranty statement for complete details related to competitor tire inflation systems.

4. Unless otherwise indicated, standard brand will be provided.

DRUM BRAKE RTR® READY-TO-ROLL® PACKAGES*

*Consult a customer service representative to ensure compatibility of the wheel-end equipment with the other selected suspension parameters.

| | <input type="checkbox"/> Standard Service (1-Year Limited Warranty ⁵) | <input type="checkbox"/> HXL3® Hendrickson Extended-Life System™ (3-Year Limited Warranty ⁵) | <input type="checkbox"/> HXL5® Hendrickson Extended-Life System™ (5-Year Limited Warranty ⁵) | <input type="checkbox"/> HXL7® Hendrickson Extended-Life System™ (7-Year Limited Warranty ⁵) | <input type="checkbox"/> ConMet PreSet® (5-Year Limited Warranty ⁵) |
|--|---|---|---|---|---|
| SPINDLE: | <input type="checkbox"/> HN <input type="checkbox"/> HP | <input type="checkbox"/> HN <input type="checkbox"/> HP | <input type="checkbox"/> HN <input type="checkbox"/> HP | HP | <input type="checkbox"/> HN <input type="checkbox"/> HP |
| HUB MATERIAL: | <input type="checkbox"/> Ductile Iron <input type="checkbox"/> Dura-Light Hub® <input type="checkbox"/> Aluminum | <input type="checkbox"/> Ductile Iron <input type="checkbox"/> Dura-Light Hub <input type="checkbox"/> Aluminum | <input type="checkbox"/> Ductile Iron <input type="checkbox"/> Dura-Light Hub <input type="checkbox"/> Aluminum | <input type="checkbox"/> Ductile Iron <input type="checkbox"/> Dura-Light Hub <input type="checkbox"/> Aluminum | Aluminum |
| HUB STYLE: | Hub Piloted | Hub Piloted | Hub Piloted | Hub Piloted | Hub Piloted |
| NUMBER OF STUDS: | 10 | 10 | 10 | 10 | 10 |
| BOLT CIRCLE DIAMETER: | 11.25" | 11.25" | 11.25" | 11.25" | 11.25" |
| WHEEL MATERIAL: | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <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 (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) |
| LUBE TYPE: | <input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90 | <input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Synthetic 75W/90 | Semi-Fluid Grease | Semi-Fluid Grease | <input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90 |
| SEAL: | <input type="checkbox"/> Stemco Voyager <input type="checkbox"/> Stemco Discover <input type="checkbox"/> Hendrickson | Standard | Standard | Standard | No (ConMet Included) |
| BEARING: | Standard | Standard | Standard | Standard | No (ConMet Included) |
| 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 |
| HUBCAP TYPE: | Standard Bolt-On | Standard Aluminum Bolt-On | Standard Aluminum Bolt-On | Corrosion Resistant Bolt-On | Standard Bolt-On |
| ABSTONE RING: | Yes | Yes | Yes | Yes | Yes |

DRUM 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 ⁶ | <input type="checkbox"/> No |

5. Refer to Hendrickson publication L583 Comprehensive Warranty Statement for complete details.

6. Two (2) wheel fasteners factory installed per wheel-end with balance packaged in plastic bag, taped and stretch wrapped to each wheel-end.

HENDRICKSON SUSPENSION AND AXLES AVAILABLE WITH AIR DISC BRAKES (ADB)

| SUSPENSION / AXLE MODELS | AVAILABILITY |
|--------------------------|-------------------------------------|
| AAZNT 23K, 46K, 69K | ADB available – Requires unique HCV |
| AAZL 23K, 46K | 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: | <input type="checkbox"/> No <input type="checkbox"/> 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 all Brake Certifications) | | | |
| PAD/LINING: | WABCO 233 | | | |
| BRAKE CHAMBER: | <input type="checkbox"/> Type 18/24 Std <input type="checkbox"/> Type 18 (Dolly) | | | |
| ABS TONE RING / DUST SHIELD: | Required | | | |
| ABS SENSORS (Required): | <input type="checkbox"/> Bendix 78.7" <input type="checkbox"/> Haldex 19.7" <input type="checkbox"/> Haldex 78.7" <input type="checkbox"/> WABCO 39.4" | | | |
| ABS SENSOR LOCATION: | Tandem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Both Tridem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Middle <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Front & Middle <input type="checkbox"/> 4 – Front & Rear <input type="checkbox"/> 4 – Middle & Rear <input type="checkbox"/> 6 – All | | | |
| ROTOR BRAND/MATERIAL: | 415mm Cast Iron | 415mm Cast Iron | 415mm Cast Iron | 415mm Cast Iron |
| RTR® READY-TO-ROLL® WHEEL-END PACKAGES: | <input type="checkbox"/> Standard Service (1-year Limited Warranty ⁵) | <input type="checkbox"/> HXL3® Hendrickson Extended-Life System™ (3-year Limited Warranty ⁵) | <input type="checkbox"/> HXL5® Hendrickson Extended-Life System™ (5-year Limited Warranty ⁵) | <input type="checkbox"/> HXL7® Hendrickson Extended-Life System™ (7-year Limited Warranty ⁵) |
| SPINDLE: | <input type="checkbox"/> HN <input type="checkbox"/> HP | <input type="checkbox"/> HN <input type="checkbox"/> HP | <input type="checkbox"/> HN <input type="checkbox"/> HP | HP |
| HUB MATERIAL: | <input type="checkbox"/> Dura-Light Hub® <input type="checkbox"/> Ductile Iron | <input type="checkbox"/> Dura-Light Hub <input type="checkbox"/> Ductile Iron | <input type="checkbox"/> Dura-Light Hub <input type="checkbox"/> Ductile Iron | <input type="checkbox"/> Dura-Light Hub <input type="checkbox"/> Ductile Iron |
| HUB STYLE: | Hub-Piloted × 10-stud × 11.25" BC for 22.5" and 24.5" tires | | | |
| WHEEL MATERIAL: | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <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 (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) |
| LUBE TYPE: | <input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90 | <input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Synthetic 75W/90 | Semi-Fluid Grease | Semi-Fluid Grease |
| SEAL: | Standard | Standard | Standard | Standard |
| BEARINGS: | Standard | Standard | Standard | Standard |
| SPINDLE NUT: | Standard 3-Piece Nut | PRECISION240® Nut System or PRECISION320® Nut System | PRECISION240 Nut System or PRECISION320 Nut System | PRECISION320 Nut System |
| HUBCAP TYPE: | Standard Bolt-On | Standard Aluminum Bolt-On | Standard Aluminum Bolt-On | Corrosion Resistant Bolt-On |
| WHEEL FASTENERS: | <input type="checkbox"/> Yes ⁶ <input type="checkbox"/> No | | | |

| DISC BRAKES * | | WABCO PAN22-1 ADB | | | | |
|--|--|---|---|---|---|--|
| CONVERTER DOLLY APPLICATION: | <input type="checkbox"/> No <input type="checkbox"/> Yes (Service Only Chamber Available) | | | | | |
| DISC BRAKE APPROVAL: | Approval: Up to 23,000 lb GAWR with appropriate tire SLR (See L809 for all Brake Certifications) | | | | | |
| PAD/LINING: | WABCO 230 | | | | | |
| BRAKE CHAMBER: | <input type="checkbox"/> Type 20/24 Std <input type="checkbox"/> Type 20 (Dolly) | | | | | |
| ABS TONE RING / DUST SHIELD: | Required | | | | | |
| ABS SENSORS (Required): | <input type="checkbox"/> Bendix 78.7" <input type="checkbox"/> Haldex 19.7" <input type="checkbox"/> Haldex 78.7" <input type="checkbox"/> WABCO 39.4" | | | | | |
| ABS SENSOR LOCATION: | Tandem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Both Tridem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Middle <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Front & Middle <input type="checkbox"/> 4 – Front & Rear <input type="checkbox"/> 4 – Middle & Rear <input type="checkbox"/> 6 – All | | | | | |
| ROTOR BRAND/MATERIAL: | 430mm Cast Iron | 430mm Cast Iron | 430mm Cast Iron | 430mm Cast Iron | 430mm ConMet Cast Iron | |
| RTR® READY-TO-ROLL® WHEEL-END PACKAGES: | <input type="checkbox"/> Standard Service (1-year Limited Warranty ⁵) | <input type="checkbox"/> HXL3® Hendrickson Extended-Life System™ (3-year Limited Warranty ⁵) | <input type="checkbox"/> HXL5® Hendrickson Extended-Life System™ (5-year Limited Warranty ⁵) | <input type="checkbox"/> HXL7® Hendrickson Extended-Life System™ (7-year Limited Warranty ⁵) | <input type="checkbox"/> ConMet PreSet (5-year Limited Warranty ⁵) | |
| SPINDLE: | <input type="checkbox"/> HN <input type="checkbox"/> HP | <input type="checkbox"/> HN <input type="checkbox"/> HP | <input type="checkbox"/> HN <input type="checkbox"/> HP | HP | <input type="checkbox"/> HN <input type="checkbox"/> HP | |
| HUB MATERIAL: | Ductile Iron | Ductile Iron | Ductile Iron | Ductile Iron | ConMet Aluminum | |
| HUB STYLE: | Hub-Piloted x 10-stud x 11.25" BC for 22.5" and 24.5" tires | | | | | |
| WHEEL MATERIAL: | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <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 (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | |
| LUBE TYPE: | <input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90 | <input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Synthetic 75W/90 | Semi-Fluid Grease | Semi-Fluid Grease | <input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90 | |
| SEAL: | Standard | Standard | Standard | Standard | No (ConMet Included) | |
| BEARINGS: | Standard | Standard | Standard | Standard | No (ConMet Included) | |
| SPINDLE NUT: | Standard 3-Piece Nut | PRECISION240® Nut System PRECISION320® Nut System or | PRECISION240 Nut System PRECISION320 Nut System or | 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 | |
| WHEEL FASTENERS: | <input type="checkbox"/> Yes ⁶ <input type="checkbox"/> No | | | | | |

| DISC BRAKES * | | KNORR / BENDIX ADB22X-LT | | | | | |
|--|--|---|---|---|---|---|--|
| CONVERTER DOLLY APPLICATION: | <input type="checkbox"/> No <input type="checkbox"/> Yes (STOP. ADB22X-LT is not approved for dollies. Must spec PAN22-1) | | | | | | |
| DISC BRAKE APPROVAL: | Approval: Up to 23,000 lb GAWR with appropriate tire SLR (See L809 for all Brake Certifications) | | | | | | |
| PAD/LINING: | BX276 | | | | | | |
| BRAKE CHAMBER: | Knorr 18/24 Std | | | | | | |
| ABS TONE RING / DUST SHIELD: | Required | | | | | | |
| ABS SENSORS (Required): | <input type="checkbox"/> Bendix 78.7" <input type="checkbox"/> Haldex 19.7" <input type="checkbox"/> Haldex 78.7" <input type="checkbox"/> WABCO 39.4" | | | | | | |
| ABS SENSOR LOCATION: | Tandem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Both Tridem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Middle <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Front & Middle <input type="checkbox"/> 4 – Front & Rear <input type="checkbox"/> 4 – Middle & Rear <input type="checkbox"/> 6 – All | | | | | | |
| 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 | |
| RTR® READY-TO-ROLL® WHEEL-END PACKAGES: | <input type="checkbox"/> Standard Service (1-year Limited Warranty ⁵) | <input type="checkbox"/> HXL3® Hendrickson Extended-Life System™ (3-year Limited Warranty ⁵) | <input type="checkbox"/> HXL5® Hendrickson Extended-Life System™ (5-year Limited Warranty ⁵) | <input type="checkbox"/> HXL7® Hendrickson Extended-Life System™ (7-year Limited Warranty ⁵) | <input type="checkbox"/> ConMet PreSet (5-year Limited Warranty ⁵) | | |
| SPINDLE: | <input type="checkbox"/> HN <input type="checkbox"/> HP | <input type="checkbox"/> HN <input type="checkbox"/> HP | <input type="checkbox"/> HN <input type="checkbox"/> HP | HP | <input type="checkbox"/> HN <input type="checkbox"/> HP | | |
| HUB MATERIAL: | Ductile Iron | Ductile Iron | Ductile Iron | Ductile Iron | <input type="checkbox"/> ConMet AL Splined | <input type="checkbox"/> ConMet Ductile Iron (HP Only) <input type="checkbox"/> ConMet Aluminum | |
| HUB STYLE: | Hub-Piloted x 10-stud x 11.25" BC for 22.5" and 24.5" tires | | | | | | |
| WHEEL MATERIAL: | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <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 (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | | |
| LUBE TYPE: | <input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90 | <input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Synthetic 75W/90 | Semi-Fluid Grease | Semi-Fluid Grease | <input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90 | | |
| SEAL: | Standard | Standard | Standard | Standard | No (ConMet Included) | | |
| BEARINGS: | Standard | Standard | Standard | Standard | No (ConMet Included) | | |
| SPINDLE NUT: | Standard 3-Piece Nut | PRECISION240® Nut System PRECISION320® Nut System or | PRECISION240 Nut System PRECISION320 Nut System or | 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 | | |
| WHEEL FASTENERS: | <input type="checkbox"/> Yes ⁶ <input type="checkbox"/> No | | | | | | |

*ConMet PreSet not available on Haldex DBLD (25K)

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

| DISC BRAKES * | ■ HALDEX DBT22LT (23K) | | | ■ HALDEX DBLD (25K) | |
|--|--|---|---|---|---|
| CONVERTER DOLLY APPLICATION: | <input type="checkbox"/> No <input type="checkbox"/> Yes (Service Only Chamber Available) | | | <input type="checkbox"/> No <input type="checkbox"/> Yes (Service Only Chamber Available) | |
| DISC BRAKE APPROVAL: | Approval: Up to 23,000 lb GAWR with appropriate tire SLR (See L809 for all Brake Certifications) | | | Approval: Up to 25,000 lb. GAWR with appropriate tire SLR (See L809 for all Brake Certifications.) | |
| PAD/LINING: | JURID 442 | | | JURID 539-20 | |
| BRAKE CHAMBER: | HALDEX 18/24 Std | | | HALDEX 20/24 Std | |
| ABS TONE RING / DUST SHIELD: | Required | | | | |
| ABS SENSORS (Required): | <input type="checkbox"/> Bendix 78.7" <input type="checkbox"/> Haldex 19.7" <input type="checkbox"/> Haldex 78.7" <input type="checkbox"/> WABCO 39.4" | | | | |
| ABS SENSOR LOCATION: | Tandem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Both Tridem: <input type="checkbox"/> 2 – Front <input type="checkbox"/> 2 – Middle <input type="checkbox"/> 2 – Rear <input type="checkbox"/> 4 – Front & Middle <input type="checkbox"/> 4 – Front & Rear <input type="checkbox"/> 4 – Middle & Rear <input type="checkbox"/> 6 – All | | | | |
| ROTOR BRAND/MATERIAL: | 430mm Cast Iron | 430mm Cast Iron | 430mm Cast Iron | 430mm Cast Iron | 430mm ConMet Cast Iron |
| RTR® READY-TO-ROLL® WHEEL-END PACKAGES: | <input type="checkbox"/> Standard Service (1-year Limited Warranty ⁵) | <input type="checkbox"/> HXL3® Hendrickson Extended-Life System™ (3-year Limited Warranty ⁵) | <input type="checkbox"/> HXL5® Hendrickson Extended-Life System™ (5-year Limited Warranty ⁵) | <input type="checkbox"/> HXL7® Hendrickson Extended-Life System™ (7-year Limited Warranty ⁵) | <input type="checkbox"/> ConMet PreSet (DBT22LT Models Only) (5-year Limited Warranty ⁵) |
| SPINDLE: | <input type="checkbox"/> HN <input type="checkbox"/> HP | <input type="checkbox"/> HN <input type="checkbox"/> HP | <input type="checkbox"/> HN <input type="checkbox"/> HP | HP | <input type="checkbox"/> HN <input type="checkbox"/> HP |
| HUB MATERIAL: | Ductile Iron | Ductile Iron | Ductile Iron | Ductile Iron | ConMet Aluminum |
| HUB STYLE: | Hub-Piloted x 10-stud x 11.25" BC for 22.5" and 24.5" tires | | | | |
| WHEEL MATERIAL: | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <input type="checkbox"/> Aluminum <input type="checkbox"/> Steel <input type="checkbox"/> Steel / Aluminum | <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 (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) | <input type="checkbox"/> Dual <input type="checkbox"/> Super Single (SS) <input type="checkbox"/> Super Single (LS) |
| LUBE TYPE: | <input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90 | <input type="checkbox"/> SAE 80/90 <input type="checkbox"/> Synthetic 75W/90 | Semi-Fluid Grease | Semi-Fluid Grease | <input type="checkbox"/> Semi-Fluid Grease <input type="checkbox"/> Synthetic 75W/90 |
| SEAL: | Standard | Standard | Standard | Standard | No (ConMet Included) |
| BEARINGS: | Standard | Standard | Standard | Standard | No (ConMet Included) |
| SPINDLE NUT: | Standard 3-Piece Nut | PRECISION240® Nut System PRECISION320® Nut System or | 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 |
| WHEEL FASTENERS: | <input type="checkbox"/> Yes ⁶ <input type="checkbox"/> No | | | | |

| ACCESSORY ITEMS | | Not included in INTRAAX® SP Model Number — Sold Separately | | L802 Rev JJ | |
|--|---|--|--|---------------------------------------|---|
| STINGER: | <input type="checkbox"/> Yes (24" long) | <input type="checkbox"/> No | | | |
| SINGLE AXLE SLIDER REPOSITIONING KIT⁷: | <input type="checkbox"/> Yes | <input type="checkbox"/> No | | | |
| HEIGHT CONTROL VALVE: | <input type="checkbox"/> Yes | <input type="checkbox"/> No | Integral Dump: | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| | | | Raise Feature for Drop-Decks⁸: | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| UNIVERSAL LOAD SCALE KIT: | <input type="checkbox"/> Yes | <input type="checkbox"/> No | | | |
| MANUAL DUMP VALVE: | <input type="checkbox"/> Yes | <input type="checkbox"/> No | | | |
| MUD FLAP BRACKET: | <input type="checkbox"/> Yes | <input type="checkbox"/> No | | | |
| AIR TANK BRACKETS: | <input type="checkbox"/> Yes | <input type="checkbox"/> No | Single: | <input type="checkbox"/> 1 Jumbo Tank | <input type="checkbox"/> 1 Small Tank |
| | | | Tandem: | <input type="checkbox"/> 1 Jumbo Tank | <input type="checkbox"/> 2 Small Tanks ⁹ |

| TIREMAXX® KIT WORKSHEET ^{10,11} | | Not included in INTRAAX® SP Model Number — Sold Separately | | |
|---|--|---|---|--|
| CONTROLLER TYPE: | <input type="checkbox"/> CP | <input type="checkbox"/> PRO | | |
| ELECTRICAL CONNECTION: | <input type="checkbox"/> Delphi Weather Pack (Standard) | <input type="checkbox"/> Blade Terminals ¹² | | |
| HUBCAP TYPE: | <input type="checkbox"/> Hendrickson Bolt-On | <input type="checkbox"/> Hendrickson Extended Bolt-On ¹³ | | |
| LUBE TYPE: | <input type="checkbox"/> Semi-Fluid Grease | <input type="checkbox"/> Oil | | |
| WHEEL STYLE / MATERIAL: | <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) | |
| TIRE SIZE: | <input type="checkbox"/> 17.5" <input type="checkbox"/> 19.5" <input type="checkbox"/> 22.5" <input type="checkbox"/> 24.5" | | | |
| COLD TIRE PRESSURE SETTING (psi)¹⁴: | <input type="checkbox"/> 70 <input type="checkbox"/> 75 <input type="checkbox"/> 80 <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 | | | |
| TIRE HOSE: | <input type="checkbox"/> Standard | <input type="checkbox"/> Integral Check Port (22.5" tire size only) | | |
| TRAILER-MOUNTED INDICATOR LIGHT KIT: | <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 ¹⁵) | |
| | <input type="checkbox"/> Incandescent – 12V | <input type="checkbox"/> No ¹² | | |
| WIRING HARNESS: | <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 ¹² | | |
| AIR PLUMBING KIT: | <input type="checkbox"/> Manifold ¹⁶ | <input type="checkbox"/> No | | |
| CONTROLLER TANK VALVE¹⁷: (Pressure Check) | <input type="checkbox"/> Yes (CP Models Only) | <input type="checkbox"/> No | | |

7. Hendrickson recommends the use of a Slider Repositioning Kit for all single-axle sliders used in conjunction with fixed suspensions. The kit locks the brakes and dumps the air on the sliding axle for ease of repositioning.
8. Hendrickson recommends the use of this HCV Kit when using an AAZL slider with a fixed suspension on a drop-deck trailer with wheelhouses. The kit locks the brakes, dumps the air on the sliding axle(s) and raises the trailer deck by adding air to the fixed suspension. The AAZL slider can then be moved to its new location by repositioning the trailer.
9. If using two small air tanks with a 49-inch spread AAZL 46K slider, only one tank can be mounted to the slider due to space constraints. The second tank will need to be mounted elsewhere on the trailer.
10. 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.
11. When installing TIREMAXX, please contact Hendrickson to verify correct wheel-end component integration.
12. Controllers featuring blade terminals, require the light kit and wiring harness options to be "no".
13. Required for axles with TIREMAXX PRO equipped with cross-drilled spindles and using the castellated spindle nut. Please verify spindle nut requirements.
14. Refer to tire manufacturer's recommended tire pressure. TIREMAXX PRO is restricted to cold tire pressure setting of 85-120 psi.
15. 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.
16. Not available for single-axle systems.
17. Not available with TIREMAXX PRO.

*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

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