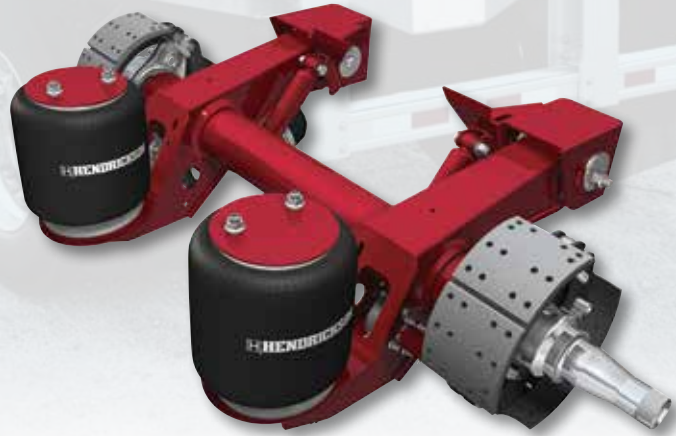


# INTRAAX<sup>®</sup> AAL

As the world leader in trailer air suspension technology, Hendrickson Trailer Commercial Vehicle Systems brings the profitability and performance of INTRAAX<sup>®</sup> to low-ride and liftable applications including platforms, dumps, drop-decks, lowboys, tankers, B-trains, livestock and specialty trailers. Its sleek low-profile design covers a range of ride heights to meet a broad array of on-highway and off-road applications from low-deck trailers to high-clearance, off-road operations.

The exceptional axle travel of this system also makes the AAL an ideal liftable suspension. Teamed with our UBL<sup>™</sup> UNDER BEAM LIFT<sup>™</sup> system, this lift axle combo provides excellent ground clearance when raised. INTRAAX AAL adds an additional dimension of versatility demanded by operators in today's competitive market.



## Features and Benefits

- Standard with the Hendrickson LDA<sup>™</sup> Large-Diameter Axle (5.75")
  - Trims up to 27 pounds per axle, with the same carrying capacity compared to 5-inch axle, allowing more cargo per load
  - Increased bending stiffness by 14 percent which means less axle deflection under load and greater roll stability
- Advanced axle wrap for optimal structural integrity
- Proven TRI-FUNCTIONAL<sup>®</sup> Bushing technology optimizes ride softness, control and stability
- QUIK-ALIGN<sup>®</sup> pivot connection allows for fast and easy axle realignment that requires no welding or special tools
- Standard Cam Tube System<sup>™</sup> enhances S-cam alignment and helps extend life of brake components
- HXS<sup>®</sup> Hendrickson Extended Service<sup>™</sup> or standard service brake linings increase miles between brake service
- Wide range of RTR<sup>®</sup> READY-TO-ROLL<sup>®</sup> wheel-end options
  - HXL3<sup>®</sup> Hendrickson Extended-Life 3-year System<sup>™</sup> features a three-year limited on-highway warranty\*
  - HXL5<sup>®</sup> Hendrickson Extended-Life 5-year System<sup>™</sup> features a five-year limited on-highway warranty\*
  - HXL7<sup>®</sup> Hendrickson Extended-Life 7-year System<sup>™</sup> features a seven-year limited on-highway warranty\*
- Compatible with UBL<sup>™</sup> UNDER BEAM LIFT<sup>™</sup> lightweight lift mechanism which offers cost savings and operational flexibility
- Available with TIREMAAX<sup>®</sup> PRO tire pressure control system to minimize tire wear and increase fuel mileage
- Single source for technical /customer support, training and warranty
- Available with MAXX22T<sup>™</sup> optimized trailer air disc brakes

\* Contact your local Hendrickson representative for complete warranty terms, conditions and limitations.

 **HENDRICKSON**  
*The World Rides On Us<sup>®</sup>*



To learn more about INTRAAX  
call 866.743.3247 or visit  
[www.hendrickson-intl.com](http://www.hendrickson-intl.com)

 **GENUINE PARTS**

**INTRAAX<sup>®</sup> AAL**

# INTRAAX® AAL Popular Service Parts

| Item | Kit. No.   | Parts Description   |
|------|------------|---|
| 1a   | S-23720    | Air Spring 23K – standard service for 6.5" and 7.5" ride heights; 2/axle  |
| 1b   | S-23613    | Air Spring 23K – standard service for 8" and 9" ride heights; 2/axle  |
| 1c   | S-23614    | Air Spring 23K – standard service for 12" to 19" ride heights; 2/axle   |
| 1d   | S-23721    | Air Spring 25K – standard service for 6.5" and 7.5" ride heights; 2/axle  |
| 1e   | S-23611    | Air Spring 25K – standard service for 8" and 9" ride heights; 2/axle  |
| 1f   | S-23612    | Air Spring 25K – standard service for 12" to 19" ride heights; 2/axle   |
| 2a   | S-23651    | Shock Absorber – standard service for 6.5" to 9" ride heights; 2/axle   |
| 2b   | S-23566    | Shock Absorber – standard service for 12" ride height; 2/axle   |
| 2c   | S-2212     | Shock Absorber – standard service for 14" to 19" ride heights; 2/axle   |
| 3    | S-24691    | Pivot Bushing Kit - includes pivot bolt kit, TF-II bushing and bushing tube spacers; 2 kits/axle  |
| 4    | S-24679    | Pivot Bolt Kit - includes bolt, washers and nut; 2 kits/axle  |
| 5a   | S-24757/2  | Shock Bolt Kit for 5" axle – includes bolt, washers and hex nut; 2 kits/axle  |
| 5b   | S-31080/2  | Shock Bolt Kit for LDA axle – includes bolt, washers and hex nut; 2 kits/axle   |
| 6a   | S-24636-1L | Left S-cam for 16.5" brakes - 1/axle  |
| 6b   | S-24636-1R | Right S-cam for 16.5" brakes - 1/axle   |
| 7    | S-28890    | Cam Tube kit for 16.5" brakes - includes cam tube, support brackets, screws, nuts, washers, ring; 2 kits/axle<br>*For models shipped after April 2001 |
| 8    | S-23752    | Std and HXS® Brake, Minor Overhaul Kit - includes anchor pins, rollers, return spring, retraining springs, clips, pins; 2 kits/axle                   |
| 9a   | S-21184-1  | Std Brake Major Overhaul Kit - includes minor overhaul kit plus shoes; 2 kits/axle  |
| 9b   | S-23753-1  | HXS Brake Major Overhaul Kit - includes minor overhaul kit plus shoes; 2 kits/axle  |
| 10a  | S-21266-1  | Std Brake Shoe Kit - 20,000 GAWR; 2 kits/axle   |
| 10b  | S-23750-1  | HXS Brake Shoe Kit - 20,000 GAWR; 2 kits/axle   |
| 11   | VS-227     | Height Control Valve; 1/system  |
| 12   | Various    | Call for assistance: Frame Brackets, HALFTRAAX™ replacement axle/beam weldments   |

For a complete listing of service parts for these products, refer to L1060 INTRAAX AAL Parts List found on [www.hendrickson-intl.com](http://www.hendrickson-intl.com).



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](http://www.hendrickson-intl.com)

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