

# INTRAAX® AAT

Integrated Air Suspension Systems



An advanced integrated trailer air suspension system, INTRAAX® overcomes demanding applications with a straightforward, functional design derived from sophisticated engineering. The versatile AAT 23K / 25K / 30K is ideal for platforms, tankers, dumps, grain hoppers and specialty trailers — on- or off-highway. With ride heights ranging from 13.5 to 19 inches and suspension capacities from 23,000 through 30,000 pounds, the AAT suspension has the capability to meet your trailer needs.

Drivers, cargo and trailers are major investments that require protection. Worldwide, OEMs, fleets and owner operators demand superior performance and benefits including weight advantages, low maintenance and a smooth, stable ride — and INTRAAX delivers.



## INTRAAX AAT Features and Benefits

- Standard with the Hendrickson LDA™ 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® Bushing technology optimizes ride softness, control and stability
- QUIK-ALIGN® pivot connection allows for fast and easy axle realignment that requires no welding or special tools
- Standard Cam Tube System™ enhances S-cam alignment and extends the life of brake components
- HXS® Hendrickson Extended Service™ or standard service brake linings extend intervals between brake service
- Wide range of RTR® READY-TO-ROLL® wheel-end options
  - HXL3® Hendrickson Extended-Life 3-Year System™ features a three-year limited on-highway warranty\*
  - HXL5® Hendrickson Extended-Life 5-Year System™ features a five-year limited on-highway warranty\*
  - HXL7® Hendrickson Extended-Life 7-Year System™ features a seven-year limited on-highway warranty\*
- Compatible with UBL™ UNDER BEAM LIFT™ lightweight lift mechanism which offers cost savings and operational flexibility
- Available with TIREMAAX® tire pressure control systems to help minimize tire wear and increase fuel mileage
- Single source for technical / customer support, training and warranty
- Available with Hendrickson MAXX22T™ optimized trailer air disc brakes
- ZMD® ZERO MAINTENANCE DAMPING® exclusive ride technology available on select AAT models.

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

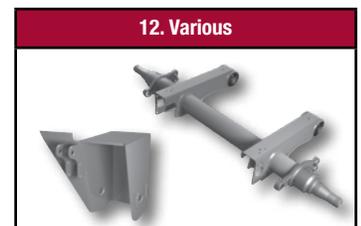
**HENDRICKSON**  
**GENUINE PARTS**

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

**HENDRICKSON**  
*The World Rides On Us®*

# INTRAAX® AAT Popular Service Parts

Item	Kit. No.	Parts Description
1a	S-21800	Air Spring - 23K models w/ 13.5" to 19" ride heights
1b	S-20901	Air Spring - 25K models w/ 13.5" to 19" ride heights
1c	S-25873	Air Spring - 30K models
1d	S-39400	ZMD® Air Spring - 23K models with 14" - 17" ride heights only
1e	S-39401	ZMD Air Spring - 25K models with 14" - 19" ride heights
2a	S-23566	Shock Absorber - standard service, for use on 23K and 25K models; 2 / axle
2b	S-24023	Shock Absorber - extended service, for use on all 30K models; 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-20896/2	Shock Bolt Kit - 23K and 25K models shipped before 8/11/95; 2 kits / axle
5b	S-24021	Shock Bolt Kit - 23K and 25K models shipped after 8/11/95 or 30K front mounted shock; 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 *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	HK4707H20	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 Hendrickson literature numbers L405 - INTRAAX AAT 23K, 25K and 30K 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, operation, service and maintenance instructions.

Call Hendrickson at 330.489.0045 or 866.RIDEAIR (743.3247) for additional information.



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