



# VANTRAAX<sup>®</sup> HKANT 40K/46K



VANTRAAX<sup>®</sup> addresses the industry's need for lighter, more durable products that help reduce operating costs. Fleet owners and owner-operators insist on VANTRAAX slider systems for dry-freight and refrigerated vans to take advantage of superior performance, added payload and enhanced cargo protection. VANTRAAX marries K-2<sup>®</sup> slider box technology with the patented INTRAAX<sup>®</sup> suspension – the integrated suspension / axle / brake system recognized industry-wide for its durable performance and lightweight design. This winning combination of legendary durability and road-proven reliability contributes to the enduring value of VANTRAAX.

## VANTRAAX HKANT 40K

Optimized for dry-freight and refrigerated sliding tandems, VANTRAAX HKANT 40K is one of the lightest air suspension systems on the market. The patented QUIK-DRAW<sup>®</sup> pin activation system helps protect both drivers and payload. This model also features the lighter and stronger LDA<sup>™</sup> Large-Diameter Axle to help haulers boost payloads and enhance fuel efficiency.

## VANTRAAX HKANT 46K

The lightweight, tapered-beam 46,000-pound capacity system, features LDA axles and is tailor-made for haulers running heavy-duty, over-the-road box and refrigerated vans. The wide-spaced model is up to 175 pounds lighter than similar 46K systems.

## Features and Benefits

- Standard with the Hendrickson LDA<sup>™</sup> Large-Diameter Axle (5.75")
  - Trims 24 pounds per axle compared to a five-inch axle, allowing more cargo per load
  - 22 percent increase in bending and torsional stiffness means reduced deflection under load
- K-2<sup>®</sup> slider box design gives superior strength-to-weight ratio for longer life
- Proven TRI-FUNCTIONAL<sup>®</sup> Bushings technology optimizes ride softness, control and stability
- QUIK-ALIGN<sup>®</sup> pivot connection 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 extend intervals between brake service
- Wide range of RTR<sup>®</sup> READY-TO-ROLL<sup>®</sup> wheel-end options that help minimize operating costs and improve performance
- QUIK-DRAW<sup>®</sup> — the industry's only fully pneumatic pin-release mechanism, this driver-friendly system enhances safety and driver productivity
- SURELOK<sup>®</sup> dock solutions for safer and more efficient dock operations limits vertical and horizontal movement during loading and unloading
- Available with TIREMAAX<sup>®</sup> PRO tire pressure control system to minimize tire wear and increase fuel mileage
- Hendrickson's exclusive ZMD<sup>®</sup> Zero Maintenance Damping<sup>®</sup> Technology — Industry's first innovative "shockless" ride technology (Available only on select HKANT 40K models)
- Available with MAXX22T<sup>™</sup> optimized trailer air disc brakes

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

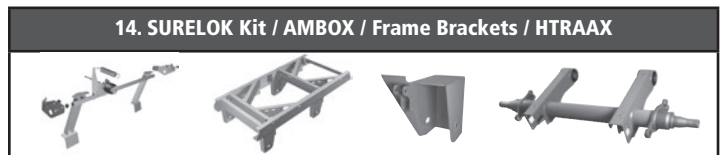
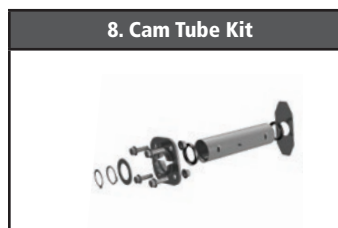
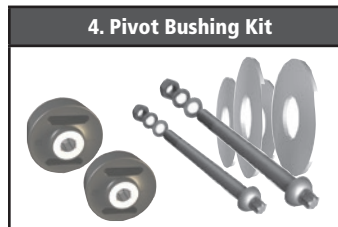
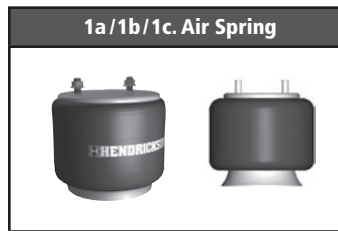
To learn more about VANTRAAX,  
call 866.743.3247 or visit  
[www.hendrickson-intl.com](http://www.hendrickson-intl.com)

**H GENUINE PARTS**

**VANTRAAX<sup>®</sup> HKANT 40K / 46K**

# VANTRAAX® Popular Service Parts

Item	Kit. No.	Parts Description
1a	S-22948	Air Spring, 16" RH and up, straight piston, prior to January 2008 production; 2 / axle (Straight piston air springs cannot be mixed with flared piston air springs on a trailer)
1b	S-28929	Air Spring, 16" RH and up, flared piston, January 2008-present production; 2 / axle (Straight piston air springs cannot be mixed with flared piston air springs on a trailer)
1c	S-33161	Air Spring - HKANT 40K models only equipped with ZMD® technology; steel piston; 2 / axle
2a	S-24088	Shock Absorber, 40K; 2 / axle
2b	S-23566	Shock Absorber, 46K; 2 / axle
3	S-33669	Chain downstop for units equipped with the ZMD air spring; 2 / axle (Not Shown)
4	S-26321	Pivot Bushing Kit - includes pivot bolt kit, TF-III bushings and bushing tube spacers, 1 kit / axle
5	S-24705	Pivot Bolt Kit - includes bolt, washers and nut, 2 kits / axle
6	S-24049/2	Shock and Downstop Bolt Kit - includes bolt, spacer, washers and nut, 2 kits / axle
7a	S-24636-1L	S-Cam for 16.5" brake; 1 / axle
7b	S-24636-1R	S-Cam for 16.5" brake; 1 / axle
8	S-28890	Cam Tube kit for 16.5" brake - includes support brackets, cam tube, screws, nuts, washer, ring; 2 kits / axle *For models shipped after April 2001
9a	D-25430-8	QUIK-DRAW® retrofit kit for 48" box; 1 kit / slider
9b	D-25430-2	QUIK-DRAW retrofit kit for 42" box; 1 kit / slider
10	S-23752	Std. and HXS® Brake, Minor Overhaul kit - includes anchor pins, rollers, return spring, retaining springs, clips, pins; 2 kits / axle
11a	S-21184-1	Std Brake, Major Overhaul kit - includes minor kit plus shoes; 2 kits / axle
11b	S-23753-1	HXS Brake, Major Overhaul kit - includes minor kit plus shoes; 2 kits / axle
12a	S-21266-1	Std Brake Shoe kit, 20,000 GAWR; 2 kits / axle
12b	S-23750-1	HXS Brake Shoe kit, 20,000 GAWR; 2 kits / axle
13	VS-227	Height Control Valve; 1 / system (standard HCV; no dump included)
14	Various	Call for assistance: SURELOK® Retrofit kits, AMBOX™ replacement slider boxes, Frame brackets, HALFTRAAX™ replacement axle/beam weldments



For a complete listing of service parts for these products, refer to L649 – VANTRAAX HKANT 40K/HKA180 PARTS LIST and L890 – VANTRAAX HKANT 46K/HKAT 46K/HKA200 PARTS LIST found on [www.hendrickson-intl.com](http://www.hendrickson-intl.com).

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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