

MAINTAIN

TOP TRAILER

SUSPENSION

PERFORMANCE

BY USING

HENDRICKSON

GENUINE

PARTS

H GENUINE PARTS

Safeguard Trailer Suspension Reliability

Over the decades, Hendrickson Trailer Suspension Systems has manufactured hundreds of thousands of air-ride suspensions and integrated systems for trailers. Air springs, shocks, bushings, axles, brake systems and air controls — we design, tune and test all our components to assure they function together to provide superior suspension system performance. Installing Hendrickson Genuine Parts ensures the continued reliability and performance you've come to expect from Hendrickson.

Hendrickson Genuine Parts are available from trailer dealers and heavy-duty parts outlets throughout North America. To request additional information, call Hendrickson at 866-RIDEAIR (743-3247).

Air Springs

Not all air springs are created the same. Differences in air spring piston design, flex member length and overall dimensions may not be obvious. Critical dimensions not visible include variations in internal bumpers and flex member bias angles. A change in any of these alters air spring performance. Mix air spring designs, and you may discover the front axle weighs out differently from the rear. Always choose Hendrickson Genuine air springs for correct fit, exceptional ride quality and long service life.



Shocks

Hendrickson designs its shocks with specific strokes, seal designs, bore diameters and damping characteristics to optimize the overall performance of the suspension system. Collapsed and extended lengths are critical to air spring, mounting clevis and trailer cross member integrity and life. (ie: Using a shock with a longer stroke than required may result in overextension of the air spring; too short of a stroke can damage mounting clevises or trailer cross members.) To ensure optimal suspension performance, always ask for Hendrickson Genuine shocks.



Bushings

Hendrickson pioneered the use of a single, large-diameter bushing in air-ride trailer suspensions with our original TRI-FUNCTIONAL® Bushing. Coupled with our rigid beam and solid axle connection, Hendrickson's TRI-FUNCTIONAL Bushings deliver enhanced ride and road stability, resulting in a dependable system providing extended life, reduced maintenance and cargo protection. The void design and material composition of these unique bushings are critical to controlling the horizontal, vertical and roll forces a trailer generates rolling down the road. Insist on only Hendrickson Genuine TRI-FUNCTIONAL Bushings for exact fit and optimum performance.



For The Road Ahead™

H HENDRICKSON

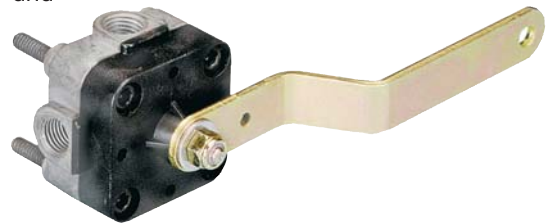
Brake Components

Hendrickson offers a wide variety of brake components designed for superior performance and long life. Hendrickson's brake designs feature more efficient brake systems with shorter S-cams and beam-mounted hardware. Hendrickson's Cam Tube System™ extends life of brake components, improves brake responsiveness and reduces maintenance costs by locking out contamination. Contact Hendrickson for information regarding our replacement line of brake shoe, camshaft and cam tube kits, and feel confident knowing that high quality Hendrickson Genuine Parts ensure continued superior performance of your INTRAAX® or VANTRAAX® product.



Air Controls

We offer various air and electric-over-air liftable controls, as well as height control and pressure protection valves. Our universal Height Control Valve, VS-227, is adaptable to all tractor, trailer and truck air-ride suspensions regardless of manufacturer, model or year. Hendrickson also offers many manual and automatic controls to exhaust air suspensions. Our engineering staff includes personnel with air control knowledge unique to the industry. We make the industry's best suspensions so we insist on designing the industry's best air controls.



Pivot Connections

Hendrickson suspension pivot connections provide long-life service and axle alignment precision:

QUIK-ALIGN® —

Uses a specially designed shear-type bolt combined with eccentric and concentric alignment collars.

Welded Alignment —

Uses a 1-1/8-inch diameter threaded pivot bolt with steel collars. The axle is aligned and then the collars are welded in place.



Fabrication

Our history of success centers around our fabrication abilities. Parts such as beams and hangers for most of our INTRAAX, VANTRAAX and HT lines are produced using robotic welding techniques pioneered by Hendrickson.



www.hendrickson-intl.com



Trailer Suspension Systems
250 Chrysler Drive, Unit #3
Brampton, ON Canada L6S 6B6
905.789.1030
Fax 905.789.1033

Trailer Suspension Systems 866.RIDEAIR (743.3247)
2070 Industrial Place SE 330.489.0045
Canton, OH 44707-2641 USA Fax 800.696.4416

Trailer Suspension Systems
Av. Industria Automotriz #200
Parque Industrial Siva Aeropuerto
Apodaca, N.L., México C.P. 66600
(52) 81 8288 1300
Fax (52) 81 8288 1301