

H COMFORT AIR[®] Single Axle Air Suspension System

- Superior comfort
- Outstanding ride
- Improved handling
- Reduced maintenance



To learn more about COMFORT AIR,
call 855.743.3733 or visit
www.hendrickson-bus.com

H HENDRICKSON
The World Rides On Us[®]

H COMFORT AIR® Single Axle Air Suspension System

Designed with the passenger and driver in mind.

Delivers outstanding passenger and driver comfort along with exceptional handling characteristics for buses and motorhomes.

Superior ride and handling with enhanced equipment protection.

Drawing on 100 plus years of innovation, superior design and quality manufacturing, Hendrickson responded to the customers' requirements with an engineered ride solution. The design is based on our proven HAS™ trailing arm and axle connection technology, with the primary focus on the customer, passenger and driver needs.

Frame Hanger Bracket

- Wide footprint distributes load over a larger area for reduced frame stress

ULTRA ROD®

- Heavy-duty torque rods provide greater durability over conventional rods
- Enhances handling during cornering by controlling lateral forces to maintain axle position

QUIK-ALIGN®

- Pivot bolt connections provide fast and easy alignment without shims

Height Control Valve

- Fast acting HCVs maintain precise ride height control through changing road surfaces, loads and driving conditions

Axle Connection

- Hendrickson proven air suspension design
- No welding required

Main Support Member

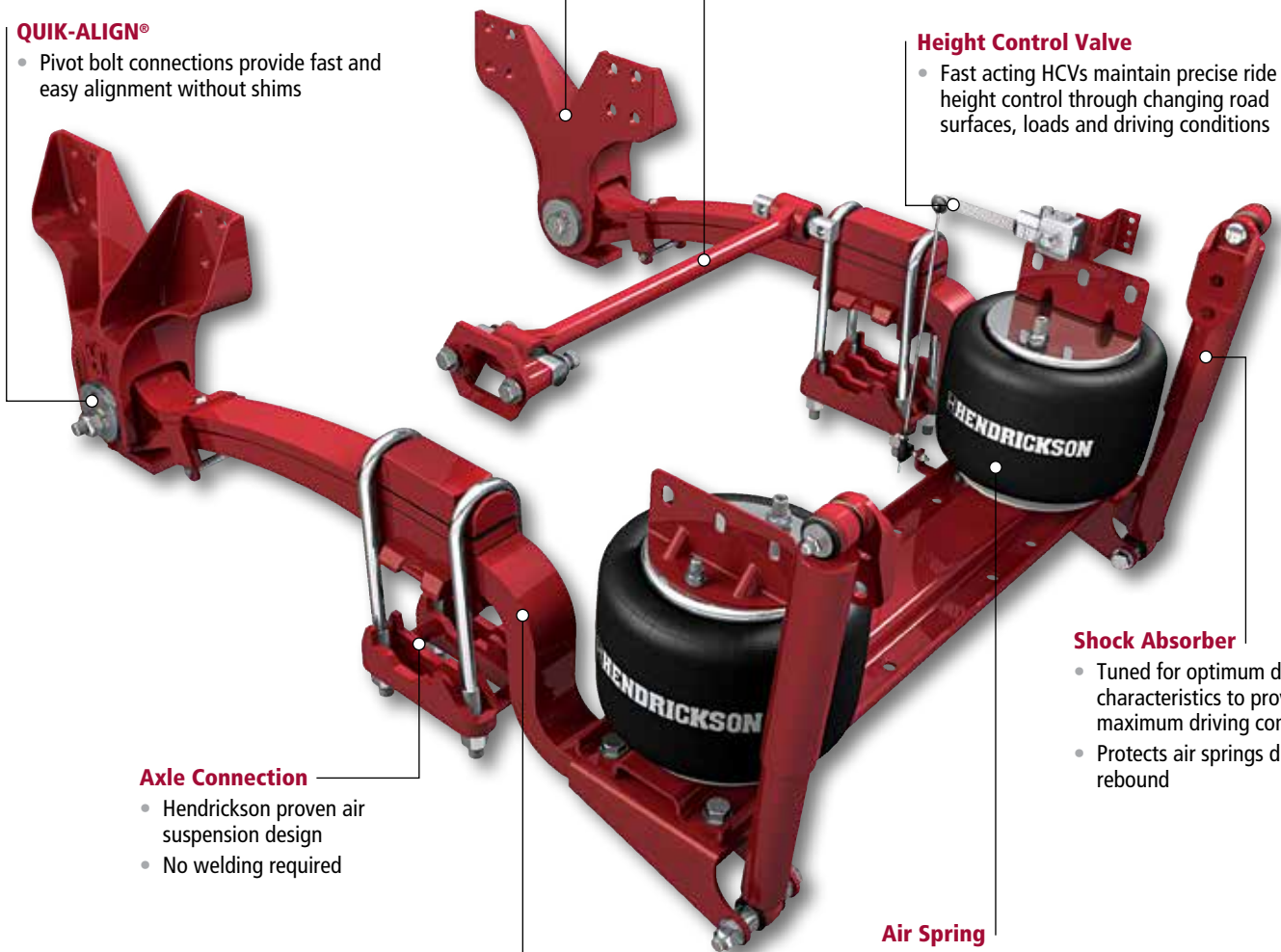
- Extended length generates lower spring rate for optimized roll stiffness, providing a more comfortable and compliant ride
- Provides neutral roll steer for better handling

Shock Absorber

- Tuned for optimum damping characteristics to provide maximum driving comfort
- Protects air springs during rebound

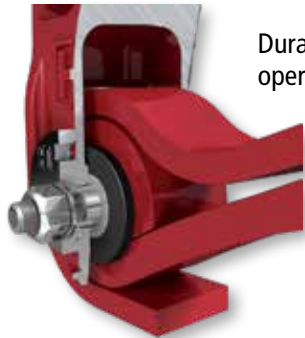
Air Spring

- Adjusts to changing load conditions to deliver superior ride quality



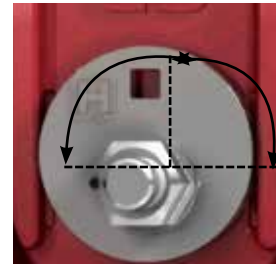
Vehicle Protection and Reduced Maintenance

COMFORT AIR® helps protect your equipment from bumps and potholes in the road. The wider frame hanger bracket disperses forces over a greater area, reducing stress to the frame to help increase the life of the vehicle.



Durable pivot bushing connections provide quiet operation and help extend suspension service life.

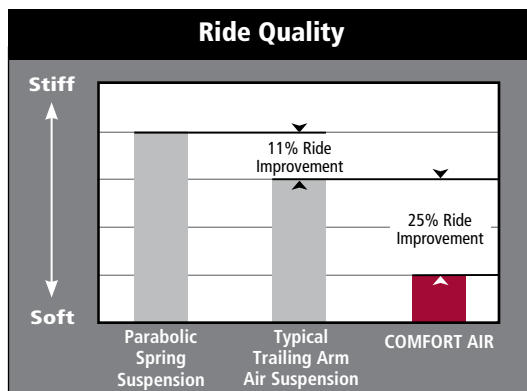
Hendrickson's proven QUIK-ALIGN® axle alignment feature reduces maintenance time. QUIK-ALIGN offers a fast method to adjust and set alignment by using two flanged collars that are inserted into slots on each side of the frame hanger bracket. The outboard driver's side flanged collar is eccentric with a 1/2-inch square opening to insert a breaker bar or ratchet.



Maximum range of adjustment is ± 90 degrees from 12 o'clock positioning.

By rotating the eccentric collar clockwise or counter-clockwise, the suspension's axle is moved fore or aft $\pm 1/2$ -inch.

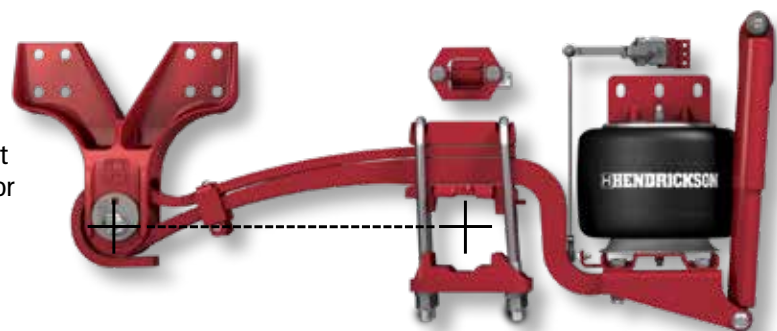
Passenger and Driver Comfort



Using advanced spring technology from Hendrickson, COMFORT AIR's main support member has an elongated design for optimized roll stiffness. This provides a softer ride and greater protection from the effects of road shock on your chassis, equipment, drivers and passengers.

A longer main support member allows the air springs to carry more of the vertical load to provide a softer ride.

The axle center is on a horizontal line with the pivot point, generating neutral roll steer characteristics for improved handling quality while cornering.



COMFORT AIR® Specifications

Suspension Rating ¹	15,000 lbs. — 23,000 lbs.
GVW	40,000 lbs.
Ride Heights	8.5 in. — 10.5 in. (with straight frames)

COMFORT AIR® is approved for most bus and motorhome applications.

Contact Hendrickson and the respective vehicle manufacturer for approval of specific/additional applications.

All applications must comply with applicable Hendrickson specifications and 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.

1. COMFORT AIR is approved for up to 10 percent off-highway use.



Hendrickson Genuine Parts provide the same quality components installed in Hendrickson original equipment suspensions — consisting of the same design, construction, performance and durability. There's only one way to maintain and protect your suspension's original performance. Ask for the name that is synonymous with the finest manufactured suspensions in the world — Hendrickson.

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 **630.910.2800** or **855.RIDERED (743.3733)** for additional information.



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45745-173 Rev H 02-20

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Printed in United States of America