

H AIRTEK®

A Blue Bird bus equipped with Hendrickson's AIRTEK® integrated front air suspension and steer axle combines simple, functional design and state-of-the-art technology for superior ride, stability and handling. The same smooth, comfortable ride that cradles passengers and drivers reduces vibration-induced wear-and-tear on the bus itself to help extend overall vehicle and component durability. **Capacities of 10,000 lbs. (Blue Bird Vision) and 13,200 / 14,600 lbs. (Blue Bird All American).**



Outstanding Stability

- Box shaped cross-section is more rigid than traditional I-beam axles

Superb Ride

- Air springs provide a softer, more comfortable ride

Weight Savings

- The unique design of the STEERTEK axle contributes to a lightweight design

Reduced Maintenance

- Unique two-piece knuckle design eliminates the need to remove the kingpin to service the knuckle

Superior Maneuverability

- Up to 50 degrees of wheel cut for tight spaces, such as school parking lots and city streets



H COMFORT AIR®

Designed specifically for buses, COMFORT AIR® rear air suspension delivers outstanding passenger and driver comfort along with exceptional handling characteristics. 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. **Capacity of 23,000 lbs. (Blue Bird Vision and All American).**

Exceptional Stability and Handling

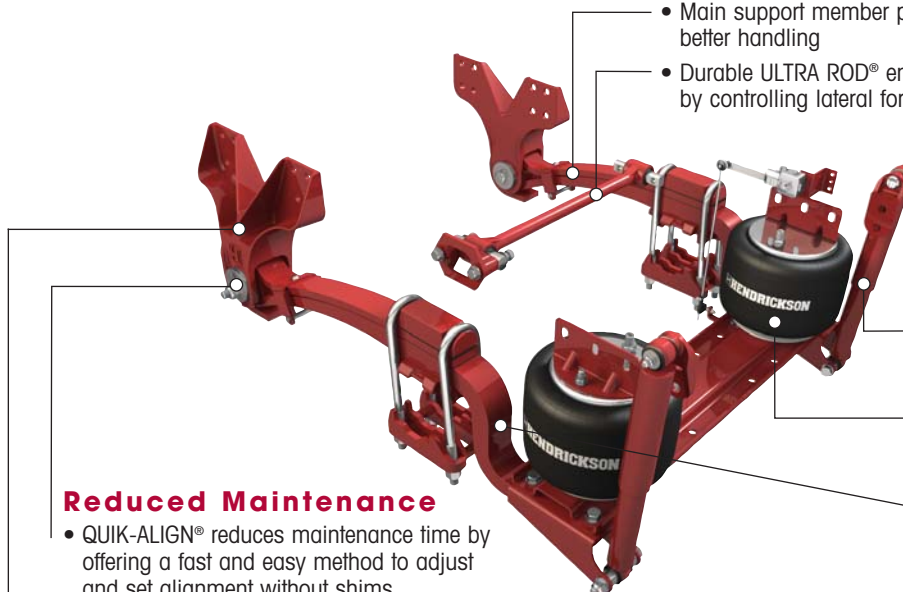
- Main support member provides neutral roll steer for better handling
- Durable ULTRA ROD® enhances handling during cornering by controlling lateral forces to maintain axle position

Superior Ride

- Shock absorbers are tuned for optimum damping characteristics to provide exceptional driving comfort
- Air springs adjust to changing load conditions to deliver superb ride quality
- Extended-length main support member generates lower spring rate for optimized roll stiffness, providing a more comfortable and compliant ride

Reduced Maintenance

- QUIK-ALIGN® reduces maintenance time by offering a fast and easy method to adjust and set alignment without shims
- Wide footprint of frame hanger bracket distributes load over a larger area, reducing stress to the frame to help increase the life of the vehicle



H HENDRICKSON

For The Road Ahead™

H SOFTEK®

The advanced spring design of the SOFTEK® integrated front spring suspension and steer axle produces increased roll stability during cornering and in crosswinds, providing a more stable platform. The design also provides exceptional ride and handling for driver and passenger comfort. **Capacities of 8,000 / 10,000 lbs. (Blue Bird Vision) and 13,200 / 14,600 lbs. (Blue Bird All American).**

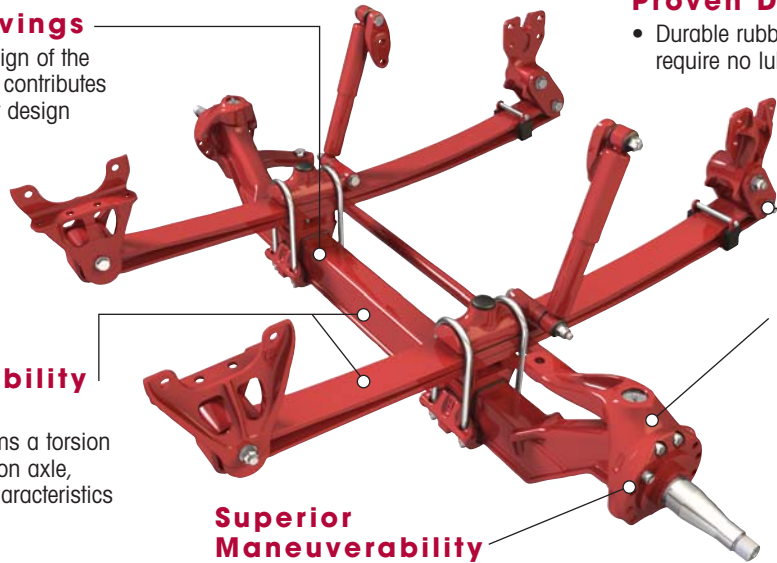


Weight Savings

- The unique design of the STEERTEK axle contributes to a lightweight design

Proven Durability

- Durable rubber bushings require no lubrication



Outstanding Stability and Handling

- Leaf spring assembly forms a torsion system with the box section axle, enhancing roll stability characteristics

Reduced Maintenance

- Unique two-piece knuckle design eliminates the need to remove the kingpin to service the knuckle

Superior Maneuverability

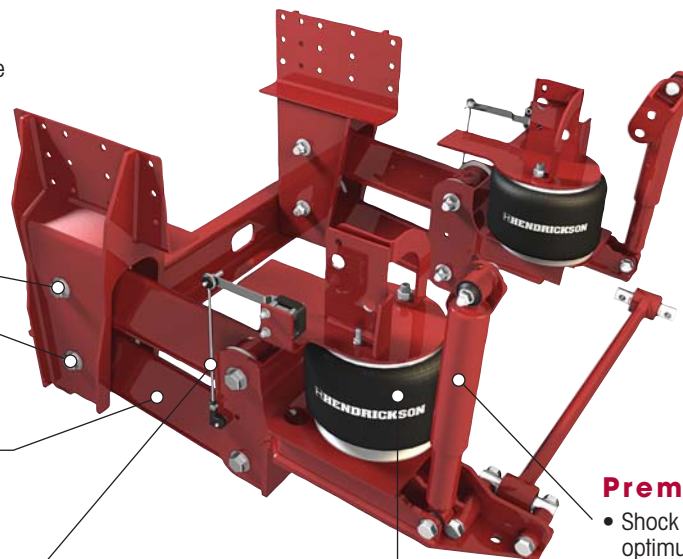
- Up to 50 degrees of wheel cut for tight spaces, such as school parking lots and city streets

H PARASTEER™

Hendrickson's PARASTEER™ front axle air suspension utilizes a unique four-bar linkage design to position the air springs directly under the load, improving vehicle handling, ride quality for passenger comfort and bus body and chassis protection. **Capacity of 14,600 lbs. (Blue Bird All American).**

Low Maintenance

- Heavy-duty bushings eliminate lubrication requirements and provide exceptional durability



Exceptional Stability and Handling

- Four-bar linkage design maintains correct steering geometry under various conditions, helping to minimize any steering error that may be caused by rough road, hard cornering and braking
- Dual height control valves react quickly to maintain proper ride height for unequal loads

Premium Ride

- Shock absorbers are tuned for optimum damping to further enhance ride quality
- 100 percent of load carried on heavy-duty air springs for increased equipment protection, as well as premium passenger and driver comfort

The suspension products advertised herein are designed, manufactured, distributed and sold by Hendrickson. Blue Bird offers the products advertised herein as components on some of Blue Bird's finished vehicles. Product claims, representations and instructions in this publication are made solely by Hendrickson, and Blue Bird assumes no responsibility therefore whatsoever.
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