



Suspension Solutions

Type C and D
Bus Chassis



H AIRTEK® Capacities of 10,000 lbs. (Blue Bird Vision) and 14,600 lbs. (Blue Bird All American)



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.

Outstanding Stability

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

Superb Ride

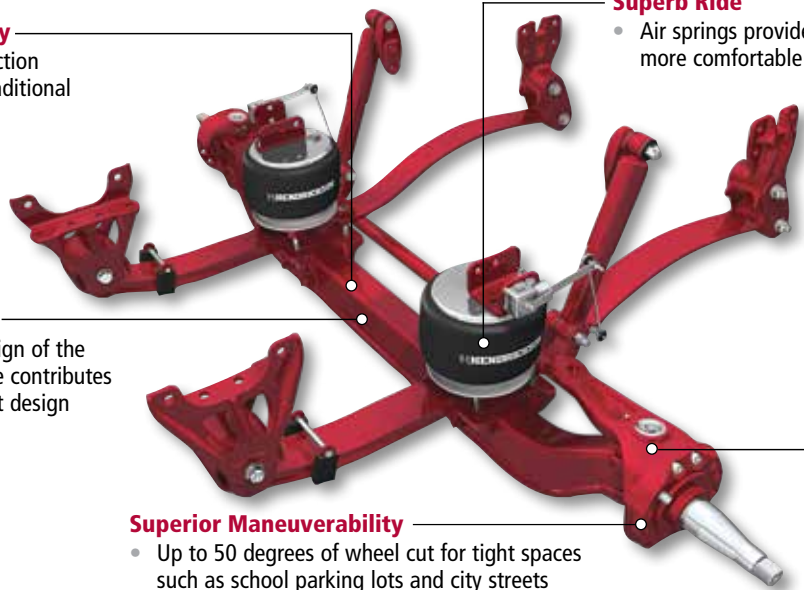
- Air springs provide a softer, more comfortable ride

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® Capacities of 21,000 and 23,000 lbs. (Blue Bird Vision and All American)



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, providing a softer ride and greater protection from the effects of road shock on your chassis, equipment, drivers and passengers.

Exceptional Stability and Handling

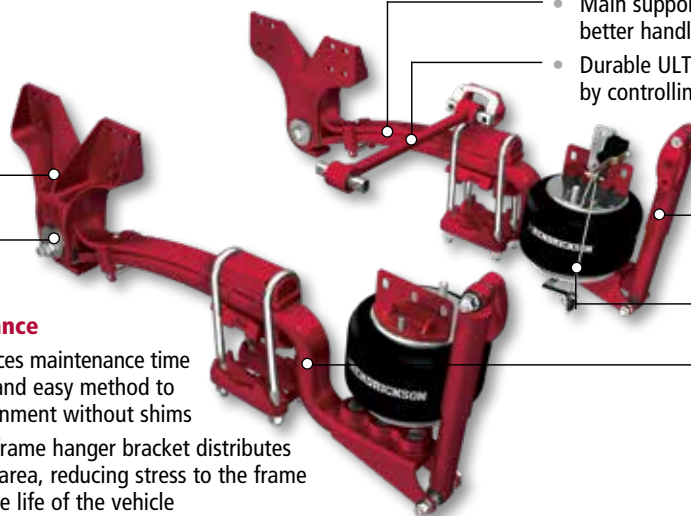
- Main support member provides neutral roll steer for better handling
- Durable ULTRA ROD® enhances handling during cornering by controlling lateral forces to maintain axle position

Superb 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
- Cross channel eliminated for improved serviceability and weight savings



To learn more call 855.743.3733
or visit www.hendrickson-bus.com

H HENDRICKSON
The World Rides On Us®

H SOFTEK® Capacities of 8,500 / 10,000 lbs. (Blue Bird Vision) and 13,200 / 14,600 lbs. (Blue Bird All American)



The advanced spring design of 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 offers exceptional ride and handling for driver and passenger comfort.

Outstanding Stability and Handling

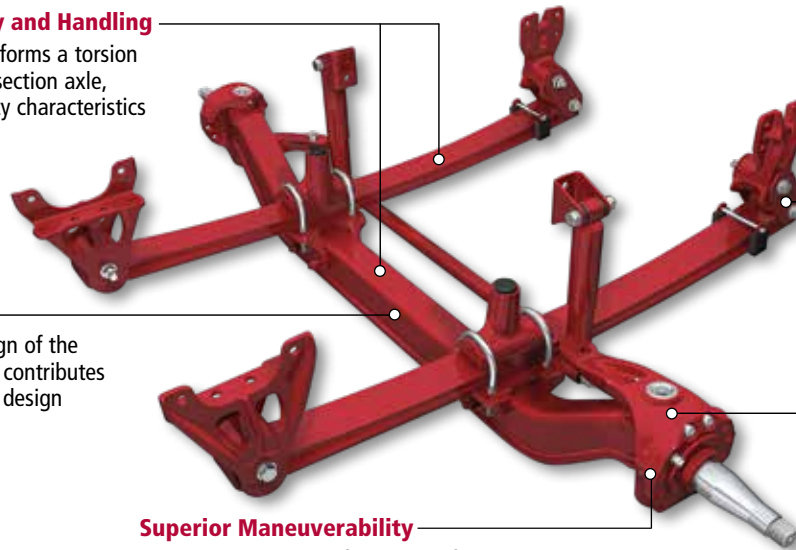
- Leaf spring assembly forms a torsion system with the box section axle, enhancing roll stability characteristics

Weight Savings

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

Superior Maneuverability

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



Proven Durability

- Durable rubber bushings require no lubrication

Reduced Maintenance

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

H MULTI-LEAF SPRING Capacities of 17,000 - 23,000 lbs. (Bluebird Vision and All American)



Hendrickson offers a wide-range of leaf springs, from monoleaf to multi-leaf springs to customized solutions. We design springs for light through heavy-duty commercial vehicles; with spring thicknesses ranging up to 1 in. and a maximum length of 94.5 in. Hendrickson manufactures springs weighing from 15 to 880 lbs. Our weight-saving solutions can total up to 220 lbs. saved per vehicle, we understand every pound counts in the transportation industry. Whatever the end user requires – reliability, durability, weight reduction or innovative designs – Hendrickson is the world's largest heavy-duty spring provider for your transportation needs.



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.



www.hendrickson-intl.com

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BLUE BIRD
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