

BUS RIDE SOLUTIONS

FROM A PROVEN LEADER

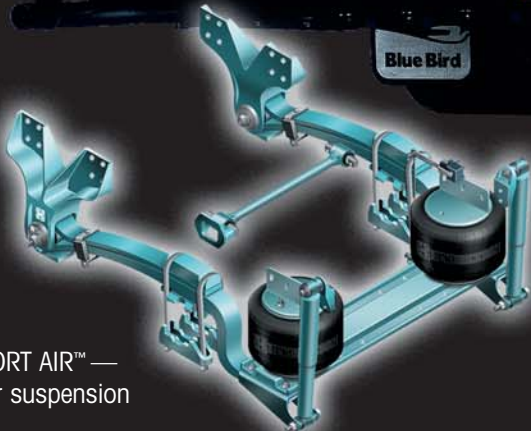
IN SUSPENSION TECHNOLOGY

H **SOFTEK™**
COMFORT AIR™
BUS RIDE SOLUTIONS

Hendrickson and Blue Bird partner to deliver a front and rear suspension package to enhance the ride of the new VISION chassis.



SOFTEK™ —
integrated front suspension
and steer axle

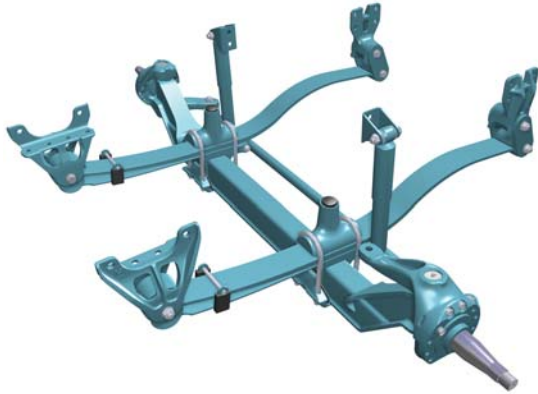


COMFORT AIR™ —
rear air suspension

For The Road Ahead™

H **HENDRICKSON**

A UNIQUE AXLE AND SUSPENSION SYSTEM FOR SCHOOL BUS CHASSIS



SOFTEK™

SOFTEK™ represents the first integrated front spring suspension and steer axle. Starting with a clean slate, Blue Bird and Hendrickson achieved a level of ride and handling performance not previously available to the bus market for a conventional school bus chassis.

Unique spring design 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.

Low-maintenance design of SOFTEK helps keep buses on the road and out of the shop. The two-piece knuckle allows kingpin servicing without removal from the axle beam.

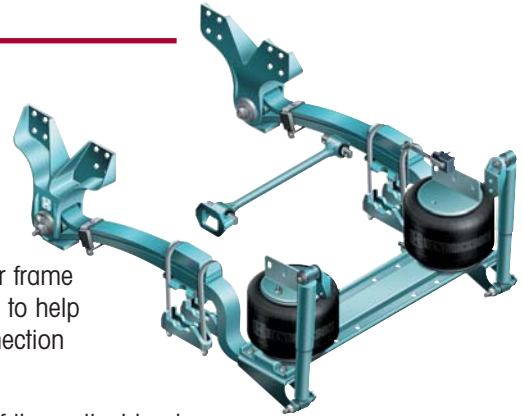
Optimized steering geometry reduces "bump steer" and "wheel kick" over uneven terrain enhancing driver control. By reducing vibrations, SOFTEK provides a smoother ride helping extend vehicle and component life. The unique knuckle packaging of SOFTEK delivers up to 50 degrees of wheel cut improving the maneuverability of the bus.

COMFORT AIR™

Designed specifically for buses, COMFORT AIR™ rear air suspension delivers outstanding passenger and driver comfort along with exceptional handling characteristics.

COMFORT AIR helps protect your equipment from bumps and potholes. The wider frame hanger bracket spreads the force over a greater area reducing stress to the frame to help increase the life of the vehicle. Durable and maintenance free pivot bushing connection provides quiet operations and helps extend suspension service life.

Extended main support members generate a lower spring rate and center more of the vertical load on the air springs. Wide mount axle centers optimize roll stiffness to provide a more comfortable, compliant ride.



For additional information, contact Hendrickson at **630-910-2800** or visit our website — www.hendrickson-intl.com.



Hendrickson, through unrelenting pursuit of innovation and quality, stands as a manufacturing leader and one of the largest global suppliers of heavy-duty suspension systems. For more than 90 years, Hendrickson has pioneered innovative ride solutions such as AIRTEK integrated front air suspension and axle, COMFORT AIR rear suspension system and SOFTEK integrated steer axle system.



Information contained in this literature was accurate at the time of publication. Product changes may have been made after the copyright date that are not reflected.

www.hendrickson-intl.com