



Electric Truck Ride Solutions

Hendrickson and The Lion Electric Co. partner to deliver an innovative suspension solution for an electric truck chassis.



SOFTEK®

Integrated front mechanical suspension and steer axle system designed for comfort and improved performance



COMFORT AIR®

Tandem-axle, rear air suspension designed for passenger and driver comfort



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

SOFTEK® for The Lion Electric Co.

Capacity of 14,600 pounds (LION8)

Outstanding Stability

- Leaf spring forms a torsion system with the axle to increase roll stability*

STEEERTEK™ NXT Axle

- The box-shaped cross section resists horizontal, vertical and twisting forces more effectively than traditional I-beam axles
- Continuous beam architecture minimizes stress points for added durability
- Integrated axle seats to improve ground clearance, reduce part count and simplify assembly

Steering and Tie Rod Arms

- Integrated for increased strength and reduced weight

Rubber Bushings

- Help reduce maintenance and noise
- Requires no lubrication

Two-Piece Knuckle Assembly

- Reduces the time required to service the kingpin bushings
- Premium kingpin bushings and seals provide enhanced protection from the elements to improve bushing life



* Compared to two-leaf spring assembly suspensions

COMFORT AIR® for The Lion Electric Co.

Capacity of 40,000 pounds (LION8)

Reduced Maintenance

- QUIK-ALIGN® pivot connection 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

Exceptional Stability and Handling

- Main support member provides neutral roll steer for better handling
- Durable ULTRA ROD® torque rod enhances handling during cornering by controlling lateral forces to maintain axle position
- Cross channel, axle and rear position of the springs form box-shaped geometry for additional stability and handling

Superb Ride

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

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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