



HPAS™

High-Performance Air Suspension System -
Air Strut Suspension and Intelligent Air System

- Maximize handling
- Maximize stability
- Maximize durability



To learn more about Military Suspension
Products, call 630.910.2800 or visit
www.hendrickson-defense.com



HENDRICKSON

The World Rides On Us®

This highly engineered, tested and patented High-Performance Air Suspension System replaces traditional airbags and damper technology.

Hendrickson's HPAS™ system is designed for flexibility and performance for today's economically-minded military customers. The HPAS increases vehicle functionality and performance by replacing traditional coil springs, airbags or damper technology with one complete system. Our comprehensive offering includes air struts and a customizable ride height control system including manual or remote control. The HPAS can reduce suspension weight over systems with conventional coil springs and dampers while providing a packaging reduction over traditional air struts and airbags. The reduced packaging size allows for suspension resets with higher suspension capacity, large tires and increased protection. Overall design enhances vehicle performance, durability, roll stability and ride quality. The HPAS system is your pass to handling, durability and stability in today's challenging environment.

Features and Benefits

Suspension System Benefits / Capabilities

- Multiple programmable ride heights for various terrains
- Packaging and weight reduction over traditional airbags or coil springs
- Debris and environmental resistance
- Easy vehicle retrofit packages
- Adaptable to multiple axle combinations



System Performance

- Patented intelligent ride height control system that maintains desired position
- Low power system available in 12V and 24V
- Multiple ride height positions — full kneel, on- and off-highway
- Integrates with existing OEM interface
- Improves vehicle handling and roll stability
- Adaptable to multiple load range requirements, increasing payload capability while maintaining ride quality at all load ranges



Highly customizable manifold and ECU that provide high-performance ride height control for severe load-demanding conditions.

▲ This product is covered by at least one or more U.S. and/or foreign patents and/or pending U.S. and/or foreign patent applications. See Hendrickson for details.

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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