

FRONT AIR ASSIST

Truck Heavy-Duty Front Air Suspension System



- Premium ride comfort
- Non-reactive
- Raise and lower capability
- Compact package



The Front Air Assist suspension system offers premium ride comfort comparable to a full air suspension in a compact package. Hendrickson's system features a high wheel cut with a tighter turning radius and no spring wind-up or castor change providing excellent steering and directional stability. An extra-long travel suspension with raise and lower capability provides superior vehicle protection and flexibility in cargo handling.

Suitable for both tractor and rigid truck applications up to 8t capacities in on- and off-highway use.

To learn more about FRONT AIR ASSIST, call Hendrickson or visit our global websites for additional information.

HENDRICKSON
The World Rides On Us®

FRONT AIR ASSIST *Features and Benefits*

Compact Package

- Allows high wheel cuts and tighter turning circles
- Fits same frame envelope as a full mechanical leaf spring system
- Twin or single air spring arrangement to suit engine clearance requirements
- Suitable for both standard and narrow wheel track arrangements
- Lightweight system with minimal parts
- Seamless integration with forged I-beam axles



Capability

- Constant ride height for various payload conditions
- Extra long suspension travel with raise / lower feature
- Rated for on- and off-highway usage
- Also suited for twin steer applications with load equalization

Performance

- Ride comfort comparable to full air system – 1.2Hz ride frequency
- 85 percent of vertical load reacted by air springs
- Non-reactive to braking – controlling leaf spring wind up
- Constant castor angle provides enhanced steering behavior
- Optimized geometry to minimize bump / torque steer

FRONT AIR ASSIST *Specifications*

Installed Weight*	210kg*
Capacity	8t
Suspension Rating	200mm total (up to 270mm optional)
Ride Height	To customer specification

*Kit as shown

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, operation, service and maintenance instructions.

Call Hendrickson or visit our global websites for additional information.



840 South Frontage Road, Woodridge, IL 60517-4904 USA
+1.630.874.9700 • www.hendrickson-intl.com

Hendrickson
Commercial Vehicle
Systems Europe GmbH
Gussstahlwerkstraße 21
8750 Judenburg, Austria
+43 664 817 13 60
eu.hendrickson-intl.com

Hendrickson
Truck Commercial
Vehicle Systems
800 South Frontage Road
Woodridge, IL 60517-4904 USA
+1.855.743.3733
+1.630.910.2800
www.hendrickson-intl.com

Hendrickson
Trailer Commercial
Vehicle Systems
2070 Industrial Place SE
Canton, OH 44707-2641 USA
+1.866.743.3247
+1.330.489.0045
www.hendrickson-intl.com

Hendrickson
Commercial Vehicle
Systems Oceania
32-44 Letcon Drive
Dandenong South, Victoria,
3175 Australia
+61 3 8792 3600
aus.hendrickson-intl.com

Hendrickson
Commercial Vehicle
Systems China
No. 1668
North Section of Chunbo Road
East New Dist of Jinan High-Tech
Industrial Development Zone,
Jinan City, Shandong Province,
China, 250104
+86 531 8880 9055
china.hendrickson-intl.com

Hendrickson
Commercial Vehicle
Systems India
Plot No. 4 & 5, Gat. No. 679/2
Behind Hotel Gandharva
Alandi Kuruli Road, Kuruli (Chakan)
Taluka Khed, Pune 410501, India
+91 2135 662600
india.hendrickson-intl.com

Hendrickson
Commercial Vehicle Systems
UK
1-9 Booth Drive
Park Farm Industrial Estate
Wellingborough, NN8 6GR,
England
+44(0) 1604 493161
uk.hendrickson-intl.com