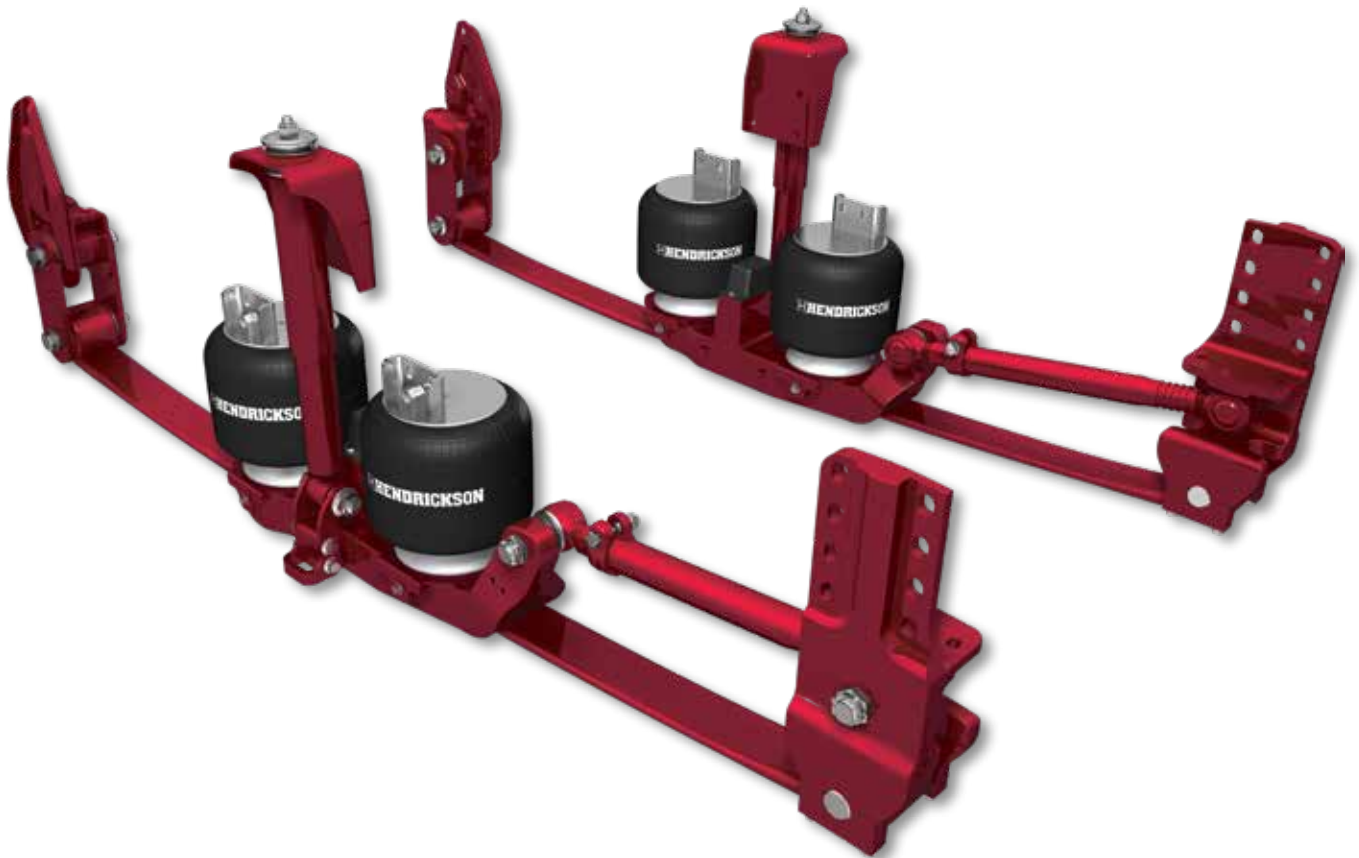


# **FRONT AIR ASSIST** Truck Heavy-Duty Front Air Suspension System

- 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 caster 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 equalisation

### 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 caster angle provides enhanced steering behaviour
- Optimised geometry to minimize bump / torque steer

## FRONT AIR ASSIST Specifications

Installed Weight	210kg*
Capacity	8t
Suspension Travel	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, and operation, service and maintenance instructions.*

**Call Hendrickson or visit our global websites for additional information.**



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