

AIRTEK®



HENDRICKSON AIRTEK®

INTEGRATED FRONT AXLE AND AIR SUSPENSION

The AIRTEK® front suspension is a quantum leap in technology. The industry's first integrated front axle and air suspension delivers more benefits to drivers, mechanics and fleet owners.

AIRTEK helps protect drivers from bumps and potholes, providing a premium ride while maintaining constant ride height. Road inputs are reduced up to 55 percent versus standard suspensions.

The AIRTEK's superior design and engineering improves roll stability up to 33 percent versus standard suspensions. It provides better handling and control while reducing bump steer and wheel kick.

The AIRTEK suspension, combined with the Hendrickson STEERTEK fabricated axle, is up to 85 pounds lighter than traditional forged axle and steel spring designs.



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Improved Handling

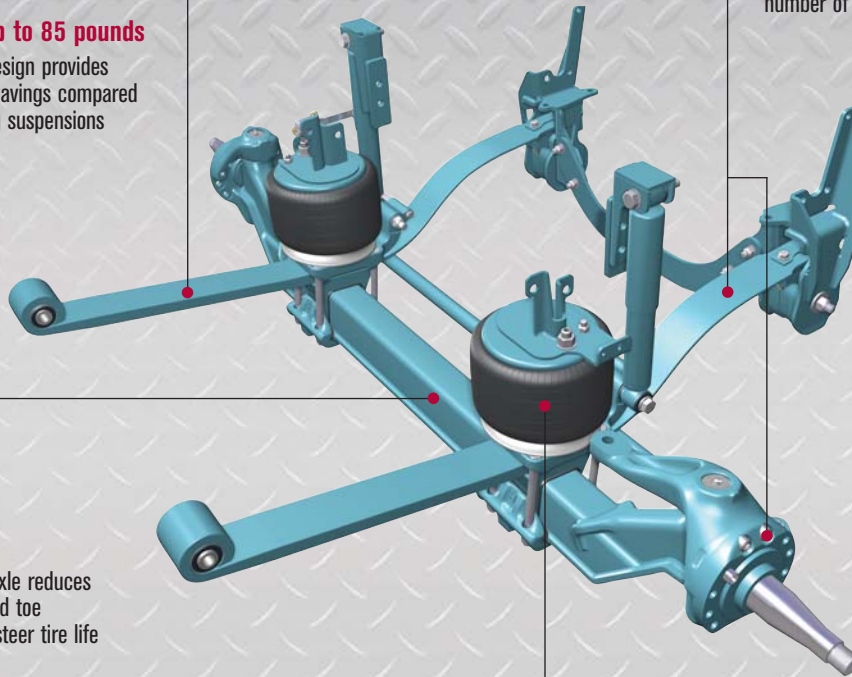
- Leaf spring assembly forms torsion system with box section axle to improve roll stability by up to 33 percent¹

Weight Savings up to 85 pounds

- AIRTEK's unique design provides significant weight savings compared to traditional spring suspensions

Maintenance and Durability

- Durable rubber front and rear bushings require no lubrication
- Unique two-piece knuckle design eliminates the need to remove kingpin to service the knuckle
- Spring leaf shackle is eliminated reducing the number of parts and required maintenance



Steer Tire Life

- Rigid, box shaped axle reduces dynamic camber and toe and helps improve steer tire life

Increased Resale Value

- AIRTEK can improve the resale value of the truck by up to \$400²

Driver Comfort

- Exclusive air springs support a majority of the vertical load while providing a low spring rate and reducing road inputs by up to 55 percent¹

Model	AIRTEK			STEERTEK Axle	
	Suspension Capacity	Data Book Weight	Data Code	Data Book Weight	Data Code
9200i	12,000 lbs.	-45 lbs.	03AZE	-40 lbs.	02ASV
9400i					

Actual product performance, residual value and steer tire life may vary depending upon vehicle configuration, operation, service and other factors. U.S. patents registered. Other U.S. and foreign patents pending.

1. Compared to two-leaf spring suspensions.

2. Compared to a similar truck with a spring suspension – The Truck Blue Book, October 2005

