

CARQUEST® Active Suspension

OE Quality Supplier:



CARQUEST is the exclusive distributor of active suspension kits through partnership with Roadmaster Active Suspension, Inc., the leading manufacturer of leaf spring assist kits. CARQUEST active suspension kits are designed to improve road handling and load carrying ability on pickups, vans and sport utility vehicles equipped with rear leaf springs.

Superior Coverage

Almost every pickup, van and SUV with rear leaf springs and up to a 3000-pound payload capacity, can be retrofitted with a CARQUEST active suspension kit. Typical vehicle applications include:

- Light duty pickups
- 1/2, 3/4 to 1-ton and dually pickups
- Cargo vans up to 1 1/2 ton capacity
- 10, 12 & 15 passenger vans

Popular Active Suspension Applications

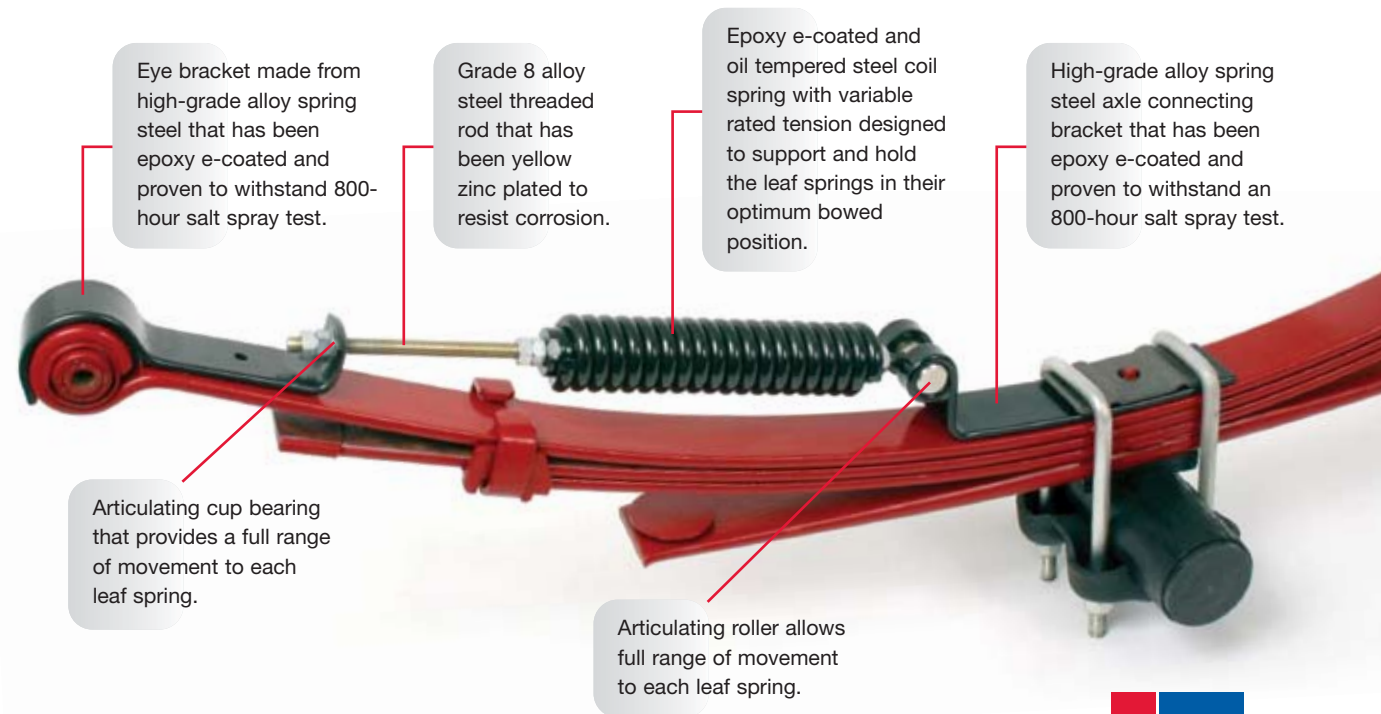
- Construction fleets
- Commercial and industrial fleets
- Horse trailer towing applications
- Transportation fleets
- Boat towing applications
- Vehicle trailer towing applications
- Colleges, churches and service organizations

The Leaf Spring Suspension Solution for Increased Ability and Stability

CARQUEST active suspension is the perfect suspension assist solution for vehicles that operate under loaded conditions, whether it is daily or just occasionally. This system is the only suspension upgrade that converts passive leaf springs into an active suspension. The typical passive leaf spring suspension will tend to flatten out as it resists and carries the load. With the CARQUEST active suspension installed, the system continually corrects the configuration to hold the leaf springs in their optimum bowed position to absorb and dissipate the load force energy more effectively. The results are significant improvements to vehicle stability, safety, balance, traction and control, with or without a load.

Every CARQUEST Active Suspension System Features:

- Easy installation — completed in approximately an hour with no welding, drilling or cutting.
- Detailed step-by-step instructions.
- Patented and manufactured to the highest standards.
- Manufacturer's two-year warranty.



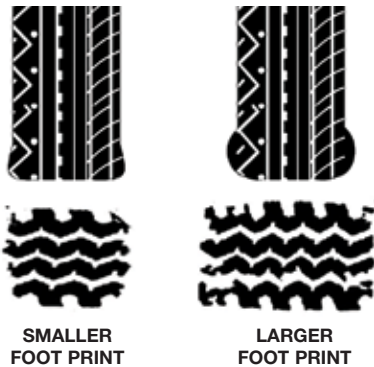
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Did You Know?

Now you can save money on fuel and reduce tire wear with a relatively minor enhancement to the rear suspension. When a vehicle with rear leaf springs is loaded, the normal arch of the springs is reduced, limiting the spring's ability to absorb and dissipate the load and resulting in the force of the load transferring to the rear tires. This will cause the sidewalls of the tires to continually flex and bulge resulting in a larger tire to road footprint. This additional rolling resistance will make the engine work harder and burn more fuel.

With the CARQUEST active suspension installed, the suspension will now absorb load force, providing a more consistent and smaller tire to road footprint, with reduced rolling resistance. This will ultimately result in fuel savings* while operating with a load as well as a reduction in wear on tires and suspension components and reduce operating costs of the vehicle.

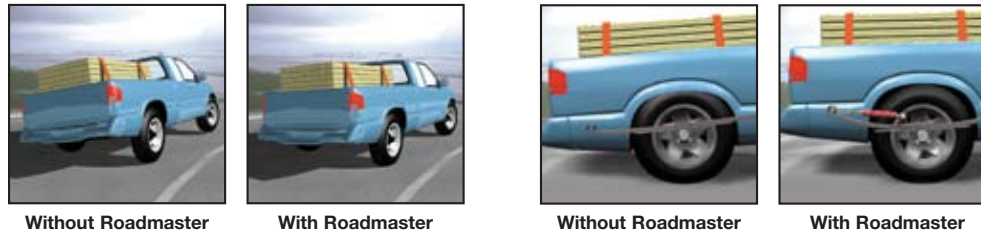
* NOTE: The amount of fuel savings varies greatly depending on numerous factors. Testing results show an improvement in fuel mileage of vehicles with rear leaf springs and the active suspension installed when operating with a load.



Safety, Load and Handling Benefits

The CARQUEST Active Suspension system when installed on any vehicle with rear leaf springs, will make the vehicle considerably more stable and safer by adding strength to the leaf springs. This will offer many improvements and benefits to the load, handling, safety and operating costs of the vehicle:

- Maintains riding comfort and quality while improving load-carrying capacity
- Provides a safer, more level ride by increasing load-absorbing capabilities which eliminates bottoming-out
- Reduces body roll during cornering by adding support to the springs absorbing the cornering load
- Offers extend suspension component life by helping to eliminate road shock
- Offers improved stability and reduced sway by adding strength to the rear leaf springs which helps absorb the increased load while pulling a trailer



Benefit	Anti-Sway Bar	Air Bag System	Add-A-Leaf	Traction Bar	CARQUEST Active Suspension
Reduces vehicle sway	✓				✓
Reduces cornering roll	✓				✓
Improves fuel mileage & extends tire life					✓
Eliminates axle wrap & wheel hop				✓	✓
Eliminates "bottoming out"		✓	✓		✓
Improves traction during acceleration and hard braking				✓	✓
Improves stability in crosswinds		✓	✓		✓
Improves towing & load carrying abilities		✓	✓		✓
Improves driver control	✓			✓	✓
Improves driver control with load		✓			✓
Prevents a hard, stiffer ride				✓	✓
Easy to install					✓

CARQUEST active suspension works like helper springs, air bags, anti-sway bars and traction bars combined without compromising ride quality regardless of load.

