

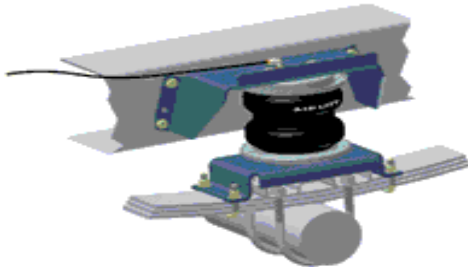
# TECHNICAL BULLETIN (M21) AIR BAG ASSIST SUSPENSION

FEBRUARY 2012

Deformation at a support point, or structural failure on one of the main frame members, may be due to overloading if a vehicle has air assisted load devices fitted.

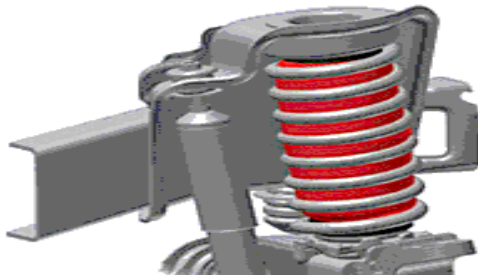
Leaf Spring air assist systems are more likely to be overloaded due to their ability to carry a larger load - and sometimes vehicle operators inadvertently exceeding the vehicle manufacturer's design limits.

## Types of Air Bag Suspension



### Leaf spring air assist

Leaf spring air assist suspension is the most commonly used, for assisting suspension and keeping vehicle level when carrying or towing heavy loads. Prices vary from \$ 90.00 up to \$1,000.00.



### Coil spring air assist

Coil spring assist suspension is inserted into new or existing coil springs and assists in coil load and rebound. Prices vary from \$300.00 to \$600.00

## Maximum Load Ratings

Improves towing and load carrying capability.

- Coil spring air bags can ***assist*** up to 500 kg a pair
- Leaf spring air bags can ***assist*** up to 2,265 kg a pair

**The vehicle manufacturer's maximum load carrying and towing capabilities should never be exceeded.**

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