



*Proper installation is essential to experience and appreciate the benefits of this system. Please take a moment to review these installation instructions before you begin to install these components on your vehicle. The removal and installation of suspension products should only be performed by a fully qualified, ASE Certified, professional.*

*It is equally important to be aware of all necessary safety measures while installing your new Suspension System. This includes proper lifting and immobilizing of the vehicle and isolation of any stored energy to prevent personal injury or property damage.*



**WARNING:** The air/hydraulic suspension system is under pressure (up to 10 bar, or 150 lbf/in). Verify pressure has been relieved and disconnect power to the suspension system prior to disassembly. Do not allow dirt or grease to enter the system. Always wear standard hand, ear, and eye protection when servicing the suspension system.



## Removal and Installation

Raise vehicle and remove tires.



Support the rear axle.



With the vehicle lifted and the rear axle supported, separate the ride height sensor from the axle.



Important: There is a raised feature on the outer rim of the air spring top plate that denotes the anti rotation peg position.

Press down on the anti rotation peg, and turn air spring counterclockwise to remove from upper spring seat.



Lift up Air spring and lay on its side.



Cut the air line from the air spring. Remove the air spring from the vehicle.



Remove the bottom rear shock bolt, using an 18 mm wrench and socket.

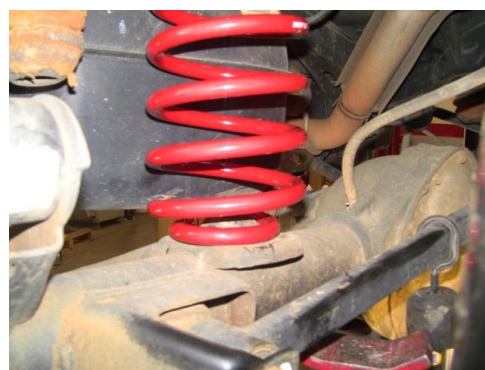




Lower the axle to allow new spring install. Pull down on axle as you install the spring.

**\*NOTE:** Be sure to install coil spring with tight wound coils upwards!!!

Raise the axle and install the lower shock nut and bolt, tighten to factory specifications.





Using a pick tool place the tool through the centering hole in the ride height sensor. Swing the sensor arm up till it meets the fender well push pin.



Remove the push pin install small wire tie to hold sensor arm in place. Re-install push pin.



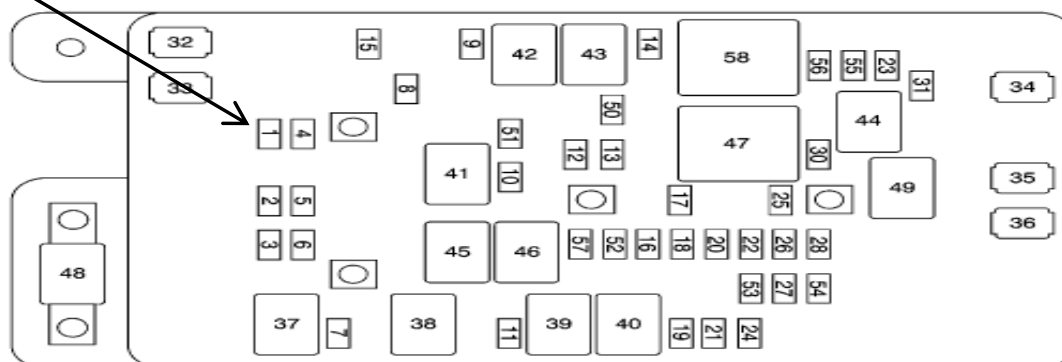
When completed you can keep the inflator switch in working order by folding over the 2 air lines and clamping them together. This will prevent the air compressor from over heating when in use.



Should you no longer want the compressor to operate, you can remove the #1 fuse in the engine fuse box.

ECAS fuse

Fuse Block – Underhood (5.3L), Label



Strutmasters is a company founded in 1999 that specializes in Air to Non-Air Suspension Conversion kits and suspension components, Strutmasters has become an industry leader in the world of suspension. What began as a personal project to repair a family's only vehicle, Strutmasters has grown into a nationwide provider of suspension solutions and has truly earned the title "The Suspension Experts®".



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