



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.

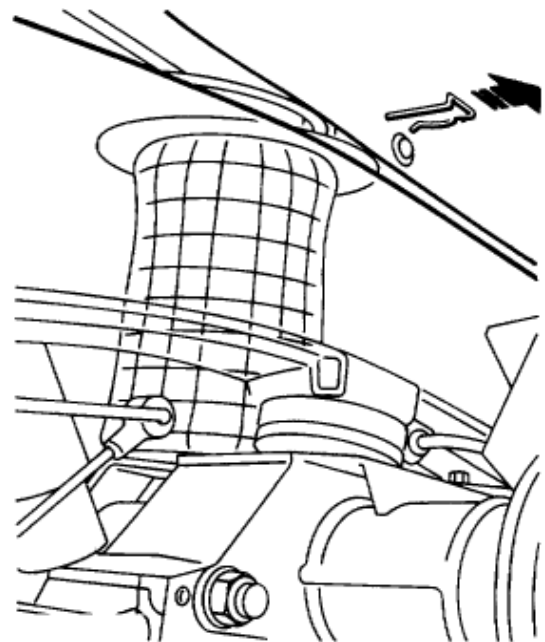
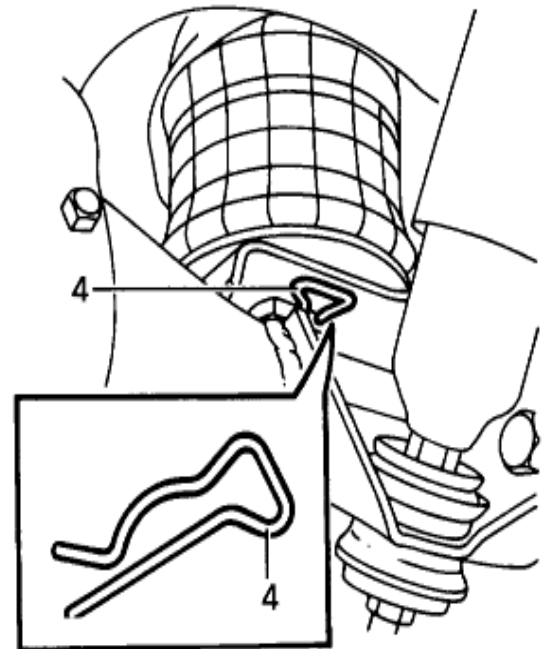


Rear Removal

1. Raise and support the vehicle with enough clearance to allow front and rear axles to fully drop down.
2. Remove tires for access to air bags.
3. Depressurize the air bags by removing the air line. To remove the air line push in on the plastic retaining clip and pull the air line from the air bag.

(Note) The air bag will vent all of its pressure when the line is removed wear eye protection to prevent eye injury.

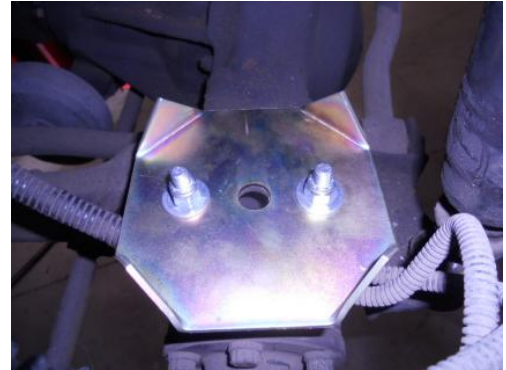
4. Remove air spring clip on lower mount.
5. Remove upper air spring retaining clips and remove the air bag.





Rear Install

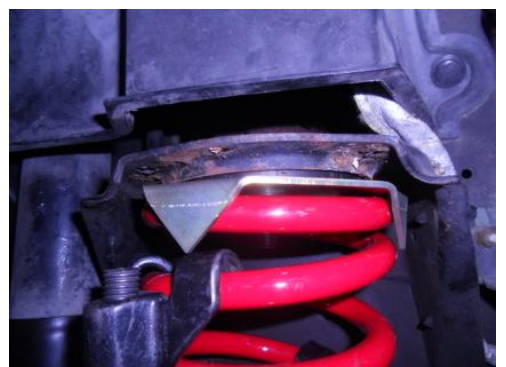
1) Install lower spring plate onto the axle perch using the supplied hardware. Bolts threads will be pointing up. Tighten bolts (note) The corner points on the plate will be facing up.



2) Using a spring compressor, compress the spring approximately 2 inches and place the upper mounting plate on top of the spring. **Upper plates have lift pucks.**



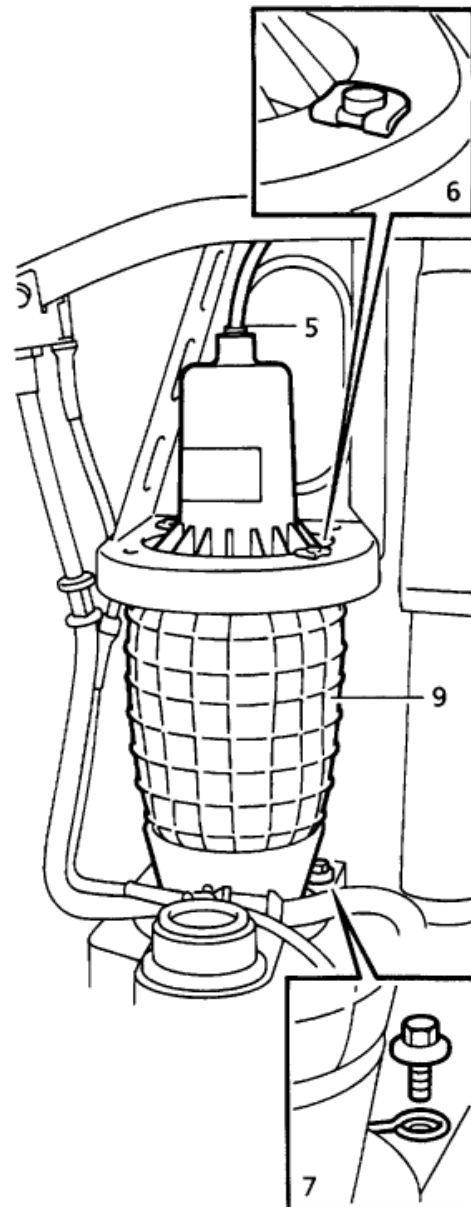
3) Set the bottom of the spring into the lower axle plate. Align the spring so that the upper plates round puck will go up into the hole on the frame as you release the spring compressor. Installation for this is complete. Repeat the procedure for the other side.





Front Removal

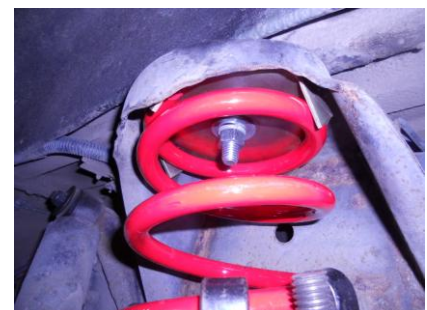
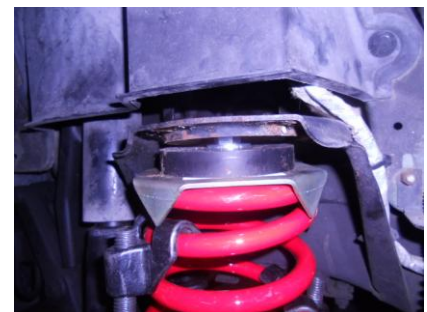
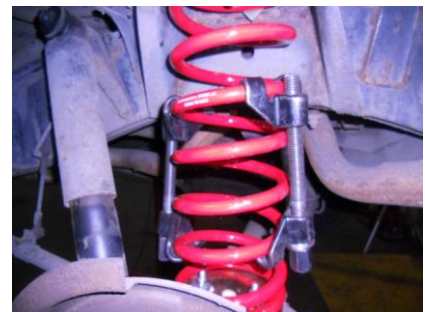
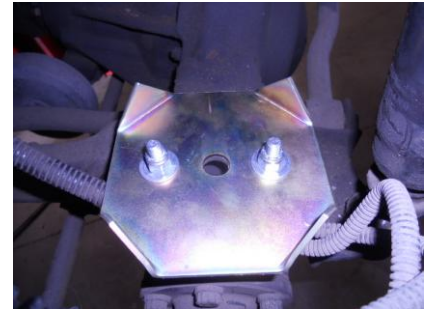
- 1) Depressurize the air bag by removing the air line. To remove the air line push in on the plastic retaining clip and pull the air line from the bag. (The air bag will vent off all of its pressure when the line is removed. Wear eye protection to prevent injury)
- 2) Remove lower retaining bolt at the base of the bag.
- 3) Remove retaining clips near the top of the air bag.
- 4) Remove lower shock mounting nut to allow front axle to drop down fully.
- 5) Remove the air bag.





Front Install

- 1) Install lower spring plates on axle with the supplied hardware. Bolt threads will be pointing up. Tighten bolts. (Note) The corner points on the plate will be facing up.
- 2) Using a spring compressor, Compress the spring approximately 2 inches. Now place the upper plate assembly on to the top of the spring. **Upper Plate has lift Puck.**
- 3) Now place the spring with the upper plate onto the lower axle plate
- 4) Now raise the axle with a jack while aligning the upper black puck to seat up into the hole on the frame.
- 5) Now reconnect the shock bolt on that side. Make sure the spring is aligned in both upper and lower seats then release the spring compressor. Installation for that side is now complete. Repeat the procedure for the other side.



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®".



STRUTMASTERS
THE SUSPENSION EXPERTS®

Sales**Email:**

salesteam@strutmasters.com

Toll Free: 866-597-2397**Product Support****Email:** tech@strutmasters.com**Toll Free:** 866-597-2397**Mailing Address**

Suspension Experts, LLC

Strutmasters

118 Commerce Drive

Roxboro, NC 27573