

Installation Instructions

1. Raise and support car at a safe, comfortable working height. Let the front suspension hang freely
2. Remove coil spring and shock absorber. Refer to factory service manual for proper disassembly procedure.



3. Bolt the lower air spring plate to the lower arm. The two outer holes will align with the factory bump stop holes. The inner two holes must be drilled.

Note: The factory bump stop may be reused but is not needed. It is acceptable to allow the suspension to bottom out on the air spring.



4. Insert air fitting into air spring using tread sealant. Place the upper cup onto the studs on the air spring and tighten using two 3/8" nyloc and flat washers. Thread the 8" stud into nut in bottom of air spring cup.

5. Install air spring assembly into the coil spring pocket with the tall side of the bracket towards the wheel. With the stud protruding through the OEM shock hole secure the assembly with the supplied hardware. (The airline must also be routed at this time.)

Installation Instructions

1. Raise and support vehicle at a safe and comfortable working height.
2. Support axle then remove coil spring, shock, and bump stop. Refer to service manual for proper disassembly procedure.



3. Apply thread sealant to the air fitting and screw it into the top of the air spring.

4. Place the upper cup bracket on top of the air spring and secure with two 3/8" Nylok nuts and flat washers.

5. Thread the 6" stud into the nut in the bottom of the cup.

6. Place the air spring assembly into the coil spring pocket with the tab on the side of the cup aligning with the factory bump stop mount.



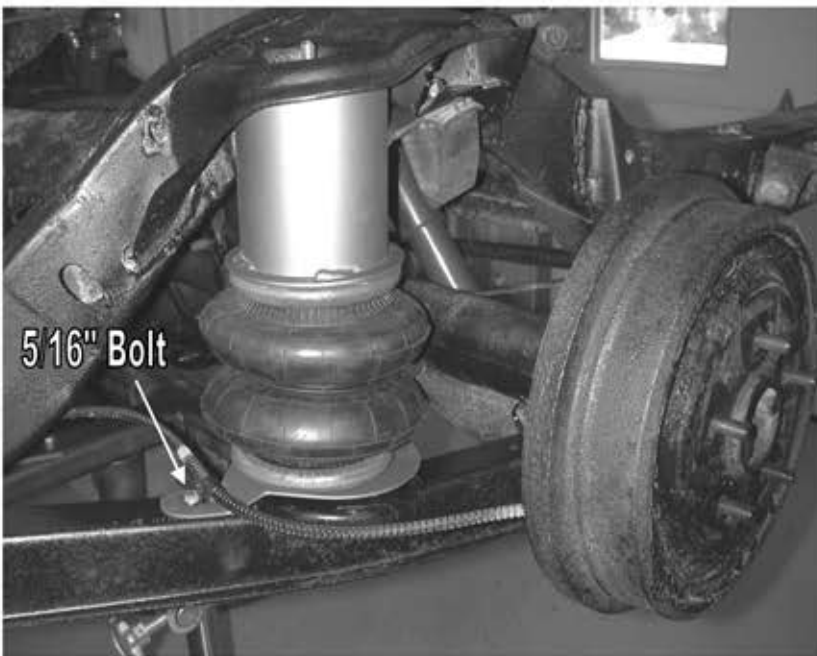
7. The stud should poke through the hole in the upper coil spring pocket. Some cars may not have this hole and it must be drilled. Fasten with a 7/16" Nylok nut and flat washer.

8. Fasten the aluminum bump stop spacer to the frame using a 3/8" x 1" bolt, flat washer and lock washer.

9. Screw the bump stop into the spacer.



10. Bolt the lower mount to the bottom of the air spring using a 3/8" x 3/4" bolt, lock washer and flat washer. Before tightening, make sure it aligns with the lower arm.



11. The hole in the tab on the lower mount will align with the parking brake cable clamp. It will be held tight with a 5/16" x 1" bolt, lock washer, and flat washer.

12. Make sure that the air spring cannot rub on anything at anytime. This will result in air spring failure and is a not a warrantable situation.

13. Ride height on this air spring is approximately 5" tall, but may vary to driver preference.