

P-2539 WP WABCO OES AIR SUSPENSION COMPRESSOR FOR 2002-2009 AUDI A8

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 air 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 Air 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 suspension system is under pressure (up to 10 bar, or 150 lbf/in). Verify pressure has been relieved and disconnect power to the air 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 air suspension system.*

GENERAL INFORMATION:

Reading this manual signifies your agreement to the terms of the general release, waiver of liability, and hold harmless agreement, the full text of which is available at www.arnottinc.com.

- Not to be stored below 5°F (-15°C) and above 122°F (50°C).
- Avoid damage to air lines and cables.
- Removal and installation is only to be performed by fully qualified personnel.
- Use car manufacturer's diagnostic software.

CAUTION: Damage to the vehicle and air suspension system can be incurred if work is carried out in a manner other than specified in the instructions or in a different sequence.



To avoid the possibility of short circuits while working with electric components consult your owner's manual on how to disconnect your battery.



Consult your vehicle owner's manual, service manual, or car dealer for the correct jacking points on your vehicle and for additional care, safety and maintenance instructions. Under no circumstances should any work be completed underneath the vehicle if it is not adequately supported, as serious injuries and death can occur.

AIR SUSPENSION COMPRESSOR REMOVAL

NOTE: THE COMPRESSOR IS LOCATED ON THE VEHICLES DRIVERS SIDE BEHIND THE FRONT BUMPER. (FIGURE A)



FIGURE A

1. SET STEERING TO STRAIGHT AHEAD.
2. RAISE VEHICLE.
3. REMOVE FRONT LEFT WHEEL. (FIGURE B AND FIGURE C)



FIGURE B



FIGURE C

4. LOCATE AND REMOVE THE SCREWS FROM THE INNER FENDER WELL. (FIGURE D)

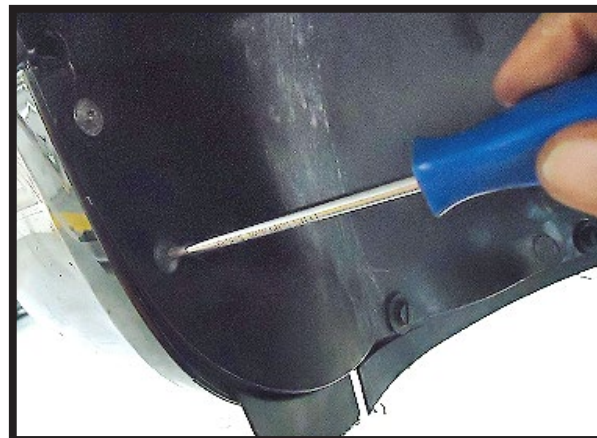


FIGURE D

5. REMOVE INNER FENDER WELL FROM VEHICLE. (FIGURE E)



FIGURE E

6. LOOSEN AND REMOVE SKID PLATE FASTENERS AND REMOVE THE SKID PLATE TO EXPOSE VEHICLE'S AIR SUSPENSION COMPRESSOR. (FIGURE F)



FIGURE F

7. LOCATE AND DISCONNECT ALL THREE ELECTRICAL PLUGS FROM THE COMPRESSOR. (FIGURE G)

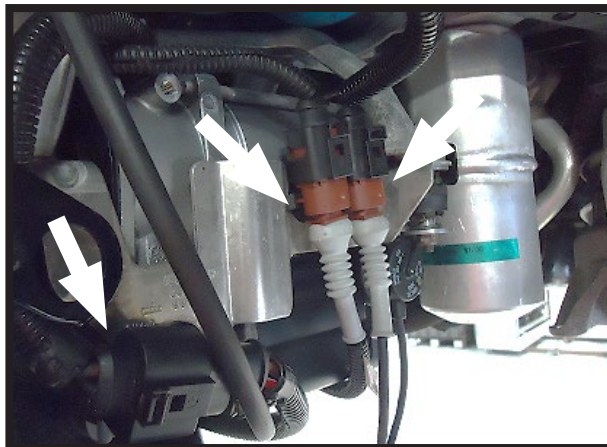


FIGURE G

8. LOCATE AND REMOVE THE AIR LINE. REMOVE THE AIR LINE FITTING FROM THE AIR HOSE AND DISCARD. (FIGURE H)

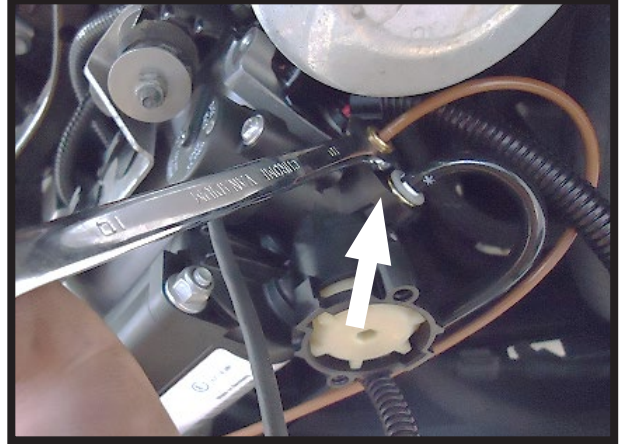


FIGURE H

9. LOCATE THE INTAKE TUBE. SLIDE THE SPRING CLAMP DOWN THE HOSE AND DISCONNECT FROM THE COMPRESSOR. (FIGURE I)



FIGURE I

10. LOCATE AND REMOVE THE THREE MOUNTING NUTS ALONG WITH THE MOUNTING HARDWARE. (FIGURE J, FIGURE K, FIGURE L)

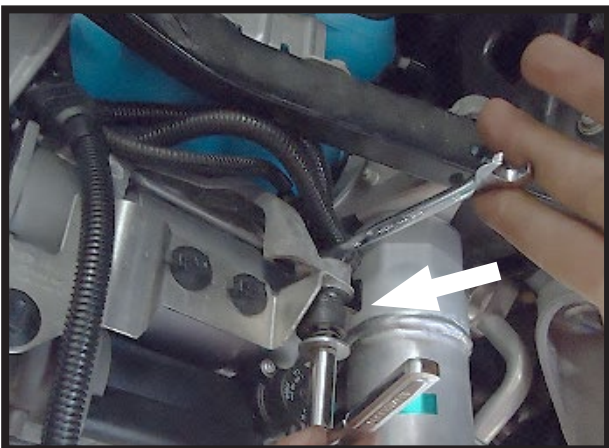


FIGURE J

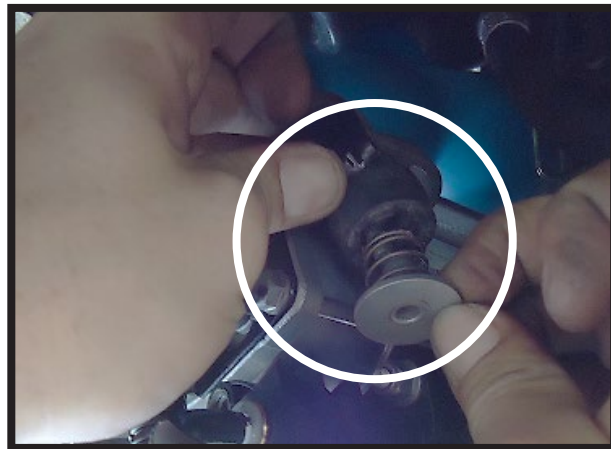
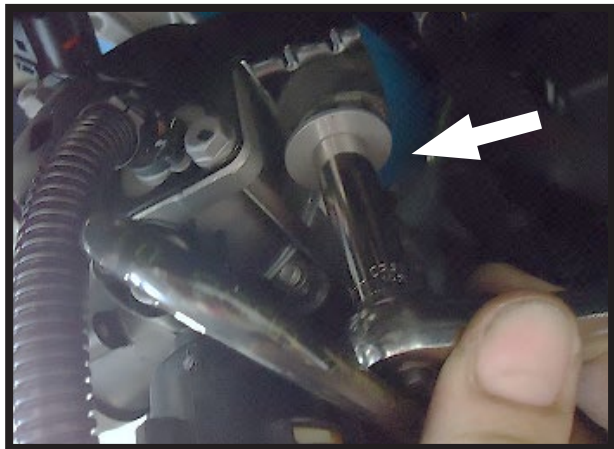


FIGURE K

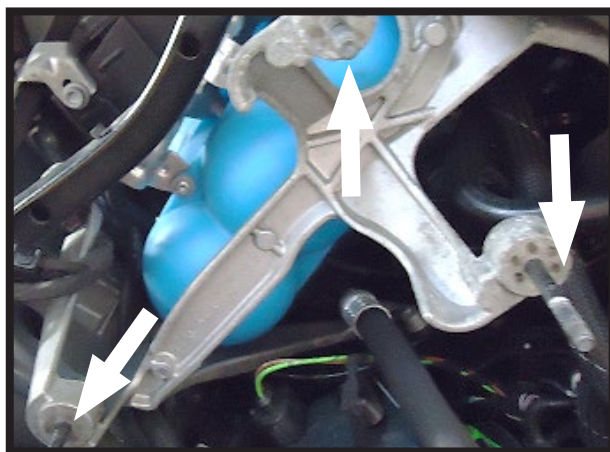


FIGURE L

AIR SUSPENSION COMPRESSOR INSTALLATION



Tighten all nuts and bolts to manufacturer's specifications during the installation process.



Do not remove the air fitting from the air suspension compressor. Doing so may cause damage and/or void warranty. Remove the white shipping pin from the new air fitting and insert the air line until fully seated.

1. INSTALLATION IS IN REVERSE ORDER OF AIR SUSPENSION COMPRESSOR REMOVAL.