Arnott®
Suspension Products

INSTALLATION MANUAL

P-3304
Arnott New Air Suspension Compressor
Volkswagen Touareg (7L), Audi Q7 (4L), Porsche Cayenne (9PA)



Engineered to Ride, Built to Last®

CONGRATULATIONS ON YOUR PURCHASE OF AN ARNOTT® SUSPENSION PRODUCT

WE AT ARNOTT LLC ARE PROUD TO OFFER A HIGH QUALITY PRODUCT WITH ALL THE TECHNICAL SUPPORT YOU NEED. THANK YOU FOR YOUR CONFIDENCE IN US AND OUR PRODUCT.

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 and certified automotive 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.

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 and www.arnotteurope.com.



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.

- 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.

For vehicles with a "Closed Air Supply System," replacement of components requires proper adherence to procedures set forth within OE servicing literature. Failure to comply with the OE prescribed procedures can result in component damage and/or failure.

AIR SUSPENSION COMPRESSOR REMOVAL

1. Set the steering to straight ahead.
2. Raise the vehicle.
3. Remove protective shroud on the right side to access the compressor. (Figure 1)



FIGURE 1

4. Remove the two (2) cable ties holding the connector wires. (Figure 2)

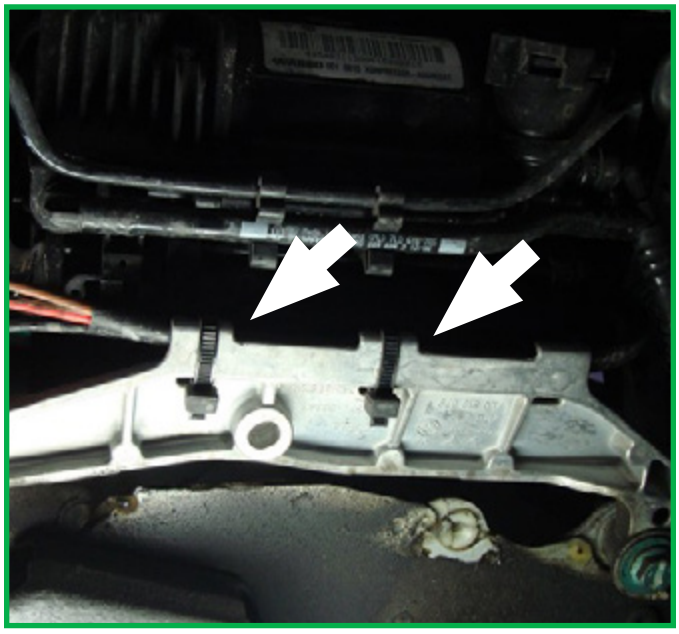


FIGURE 2

5. Disconnect the three (3) electrical connectors to the compressor. (Figure 3)

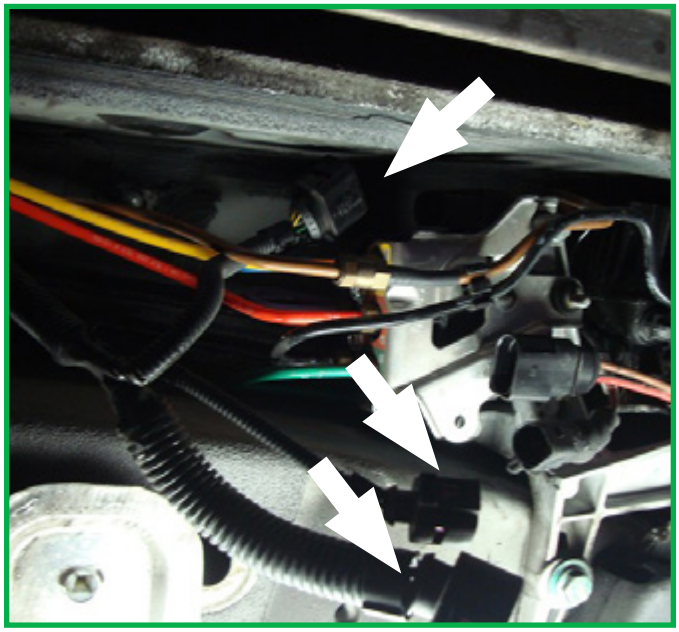


FIGURE 3

6. Disconnect the compressor vent hose by depressing the collar while pulling the hose. (Figure 4)

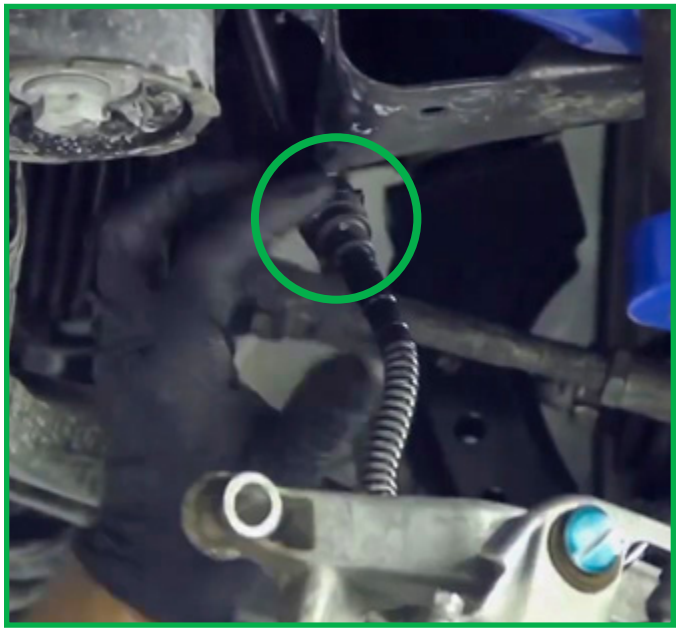


FIGURE 4

7. Disconnect the lines from the air valve block (black line (P) does not have to be disconnected). (Figures 5, 6)

NOTE: Your compressor may not have a brown line as shown in Figures 5 and 6. If the brown line is not present, just disconnect the other (4) lines indicated and proceed to the next step.

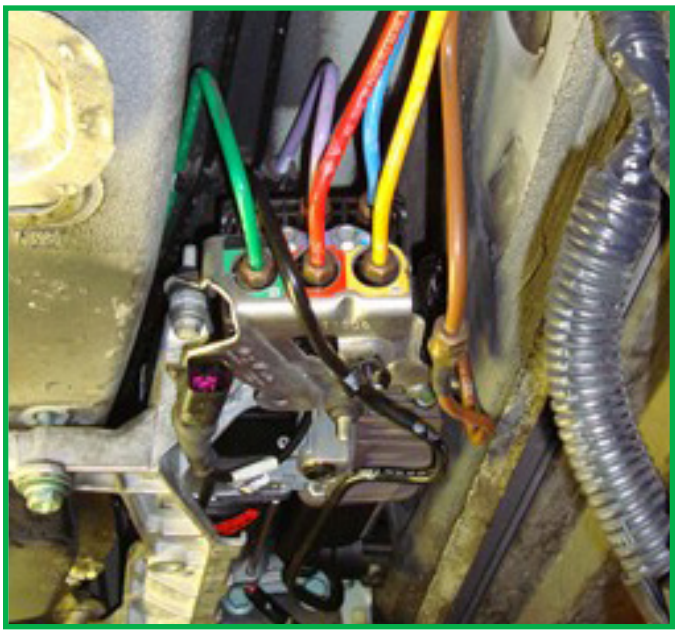


FIGURE 5

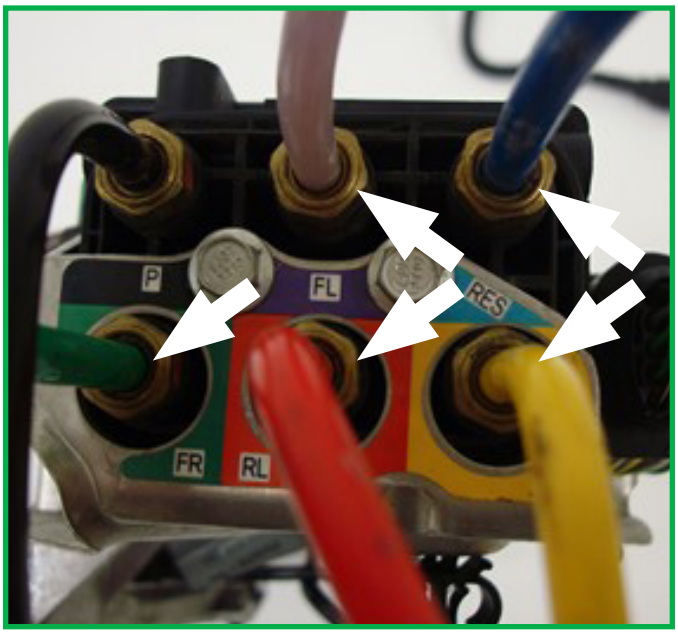


FIGURE 6

8. Remove the three (3) mounting bolts that secure the compressor to the vehicle. (Figure 7)

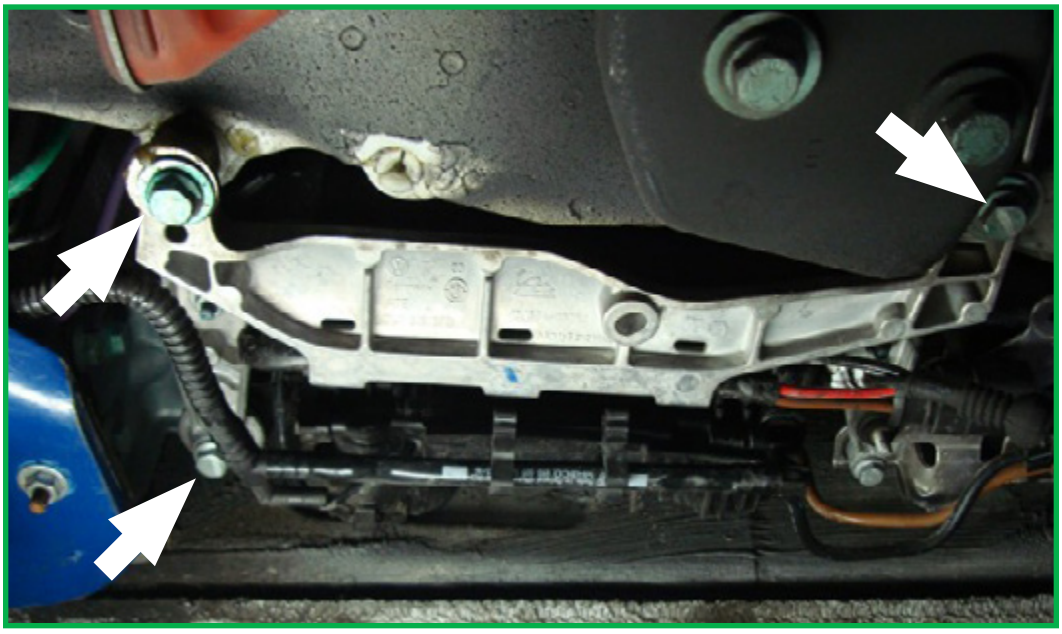


FIGURE 7

9. Disconnect the brown line (located on backside of compressor). Compressor can be removed from the vehicle. (Figures 8, 9)

NOTE: If a brown line is not present on your compressor, then this step can be omitted.



FIGURE 8

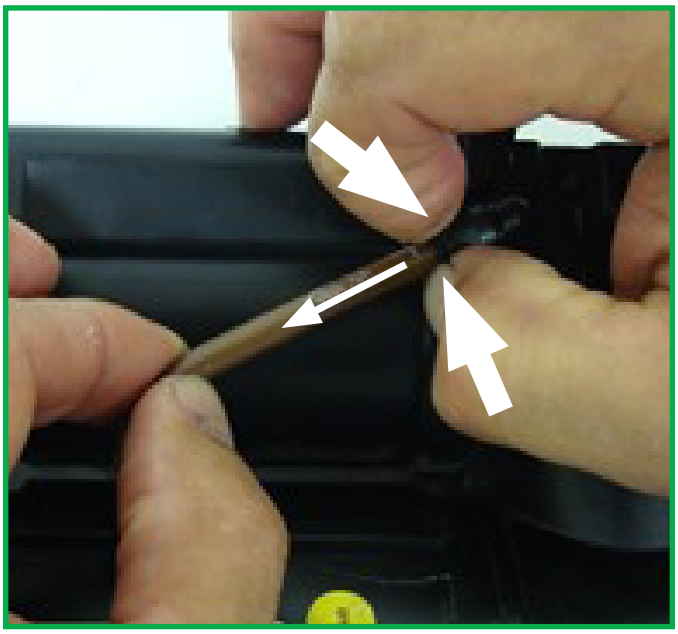


FIGURE 9

10. Disconnect the line from the compressor dryer by depressing the collar while pulling on the hose. (Identified as "P" on the air valve block) (Does not need to be disconnected at air valve block). (Figures 10, 11)

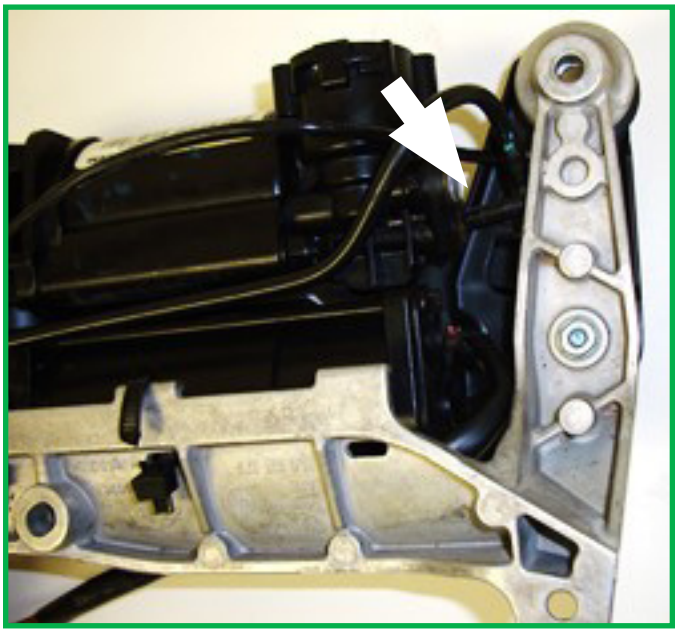


FIGURE 10

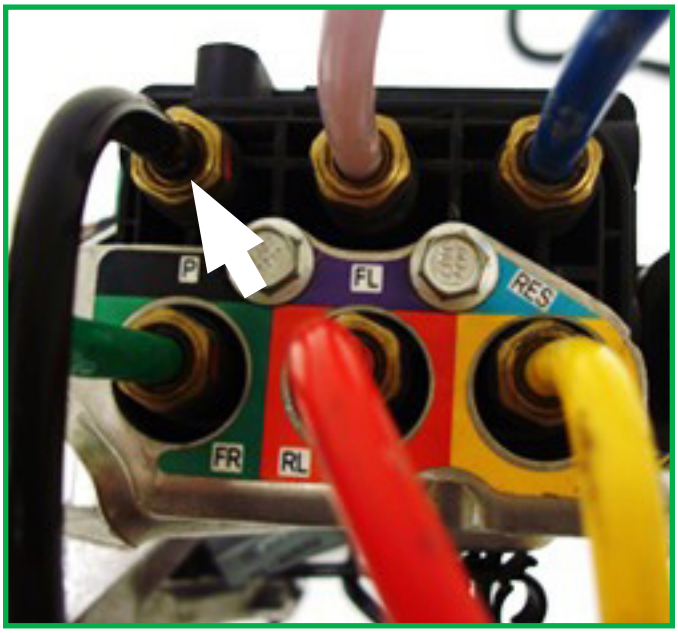


FIGURE 11

11. Removal complete.

AIR SUSPENSION COMPRESSOR INSTALLATION



WARNING:

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

1. Installation is in reverse order of air suspension compressor removal.

WARNING

CRACKED AIR SPRINGS MUST BE CHANGED TO VALIDATE THE WARRANTY ON THE COMPRESSOR

PLEASE READ ADDITIONAL WARRANTY INFORMATION ON THE BACK OF YOUR INVOICE







PROPER PROCEDURE FOR ASSESSING YOUR AIR SPRING'S CONDITION

1. Turn off air suspension switch if equipped.
2. Refer to owner's manual for proper lifting techniques and jacking points.
3. Raise the vehicle.
4. Inspect air springs for any type of cracks or excessive wear. Cracks in air springs are evident if they are leaking. This will cause the compressor to overheat from continuous operation.

Arnott® is committed to the quality of its products. If you have a question or problem with any Arnott product, please contact Arnott by calling 800-251-8993 during normal business hours or email techassistance@arnottinc.com. (In the EU please call +31 (0)73 7850 580 or email info@arnotteurope.com)

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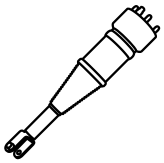
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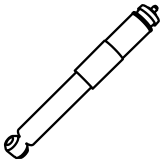
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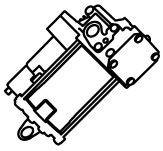
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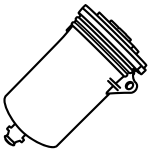
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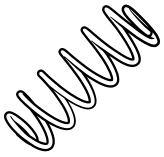

Air Springs

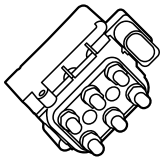

Struts

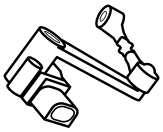

Shocks


Compressors


Dryers


Coil Spring Conversion Kits


Valve Blocks


Ride Height Sensors