Arnott®
Suspension Products

INSTALLATION MANUAL

P-3473
Arnott Air Suspension Compressor
Audi Q7/Q8/SQ7/SQ8, Bentley Bentayga, Lamborghini Urus, & Porsche Cayenne (9YA/9YB)

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.arnottsuspension.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.

COMPRESSOR REMOVAL

1. Raise the vehicle.
2. Locate the shielded compressor toward the rear of the vehicle.
3. Remove the three (3) nuts securing the compressor shield. (Figures 1, 2, 3)

FIGURE 1

FIGURE 2

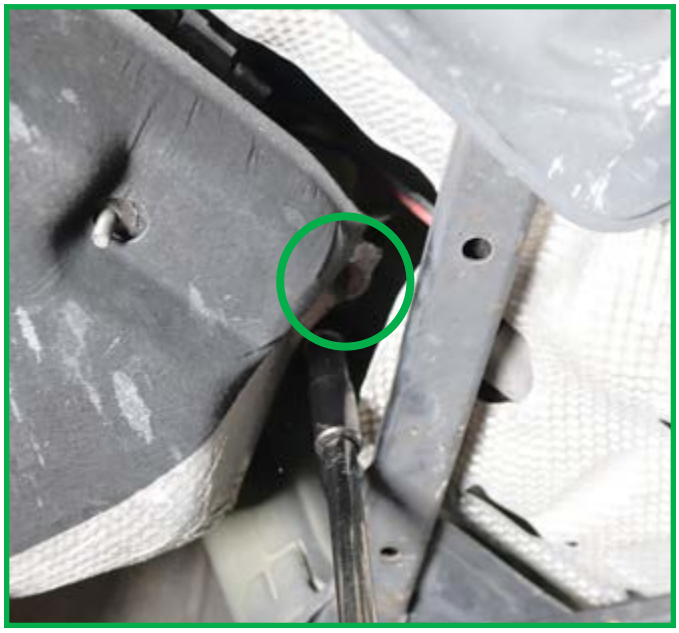


FIGURE 3

4. Disconnect the two (2) electrical connectors. Find the second connector toward the top of the compressor on the side facing the front of the vehicle. (Figures 4, 5)

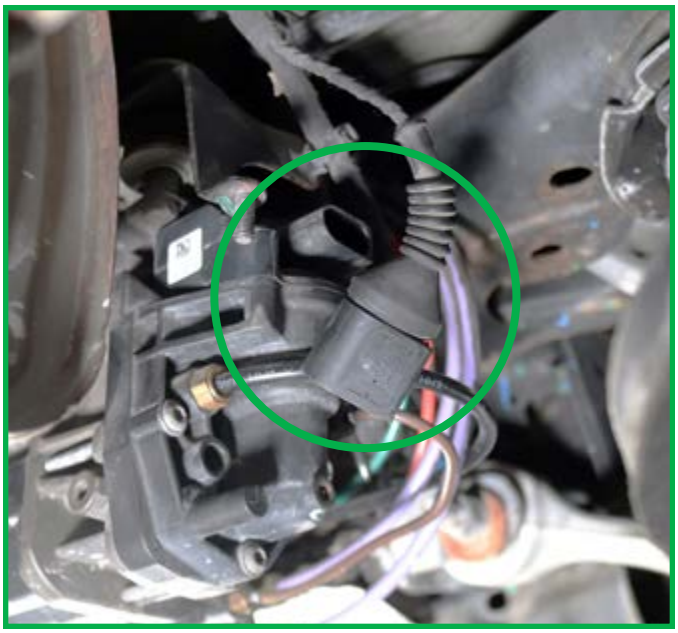


FIGURE 4

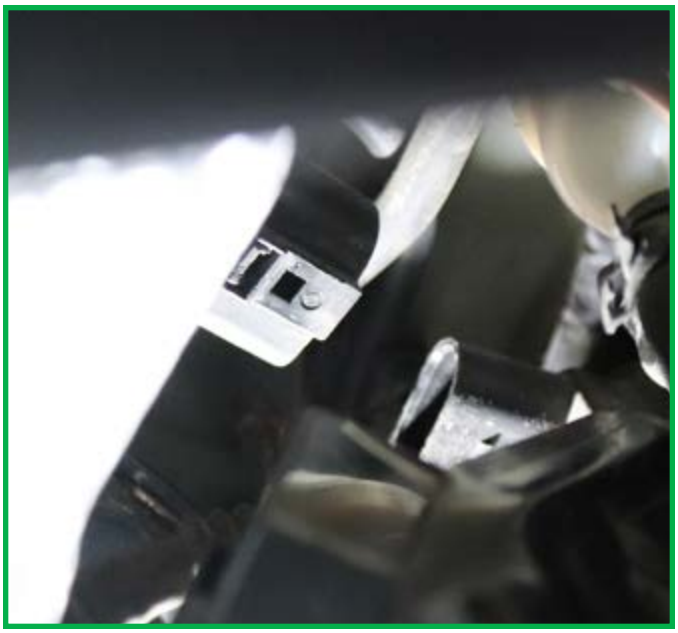


FIGURE 5

5. Disconnect the hose by removing the clamp. (Figure 6)

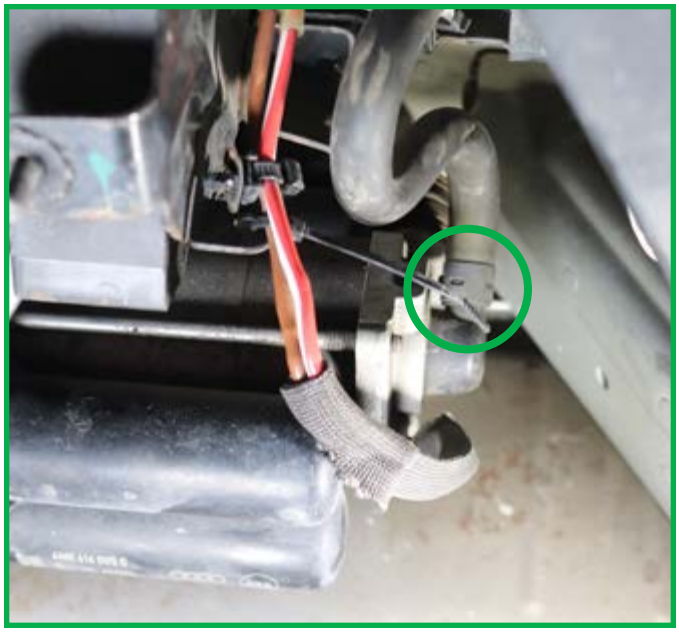


FIGURE 6

6. Disconnect the two (2) air lines from the compressor. Disconnect the same two airlines from the valve block. (Figure 7)

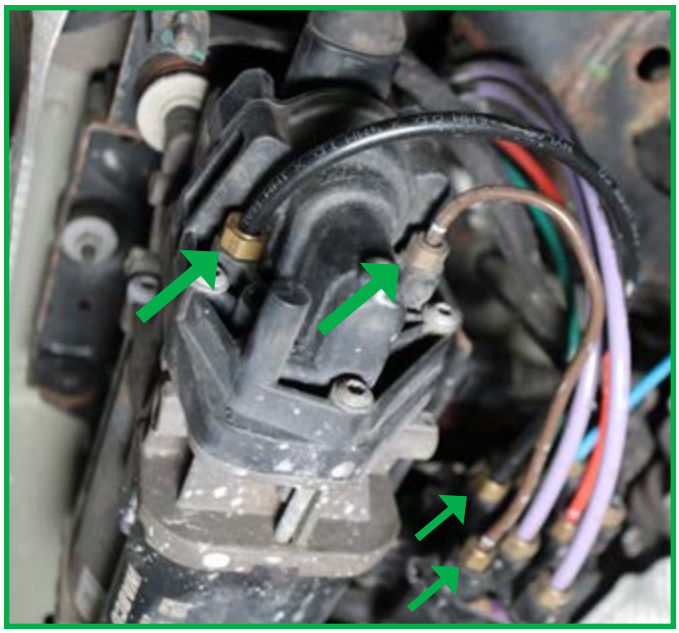


FIGURE 7

7. Remove the three (3) bolts attaching the compressor to the compressor mount. (Figures 8, 9, 10)

FIGURE 8

FIGURE 9

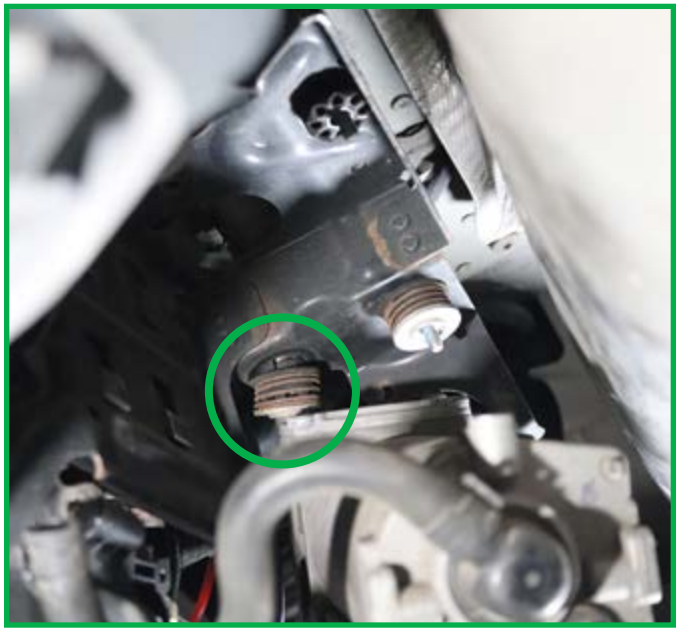


FIGURE 10

8. Lower the compressor out.
9. Compressor removal complete.

COMPRESSOR INSTALLATION

WARNING:

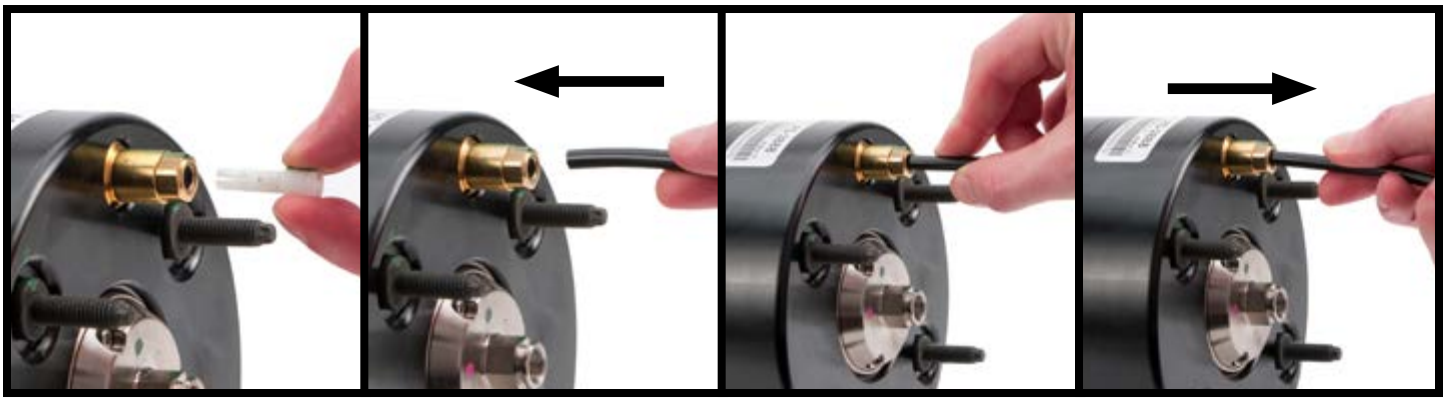
Tighten all nuts and bolts to the manufacturer's specifications during the installation process.

1. Line up the new compressor into position. Install the provided three (3) new bolts to secure the compressor to the compressor mount. (Figure 11)

FIGURE 11

2. Install the provided new air line fittings (4mm and 6mm) to the appropriate valve block locations. Remove the shipping pins and seat the two new provided air lines to the correct fittings on the valve block. Ensure that the air lines are fully secured as demonstrated. (Figure 12)

SHIPPING PIN REMOVAL AND AIR LINE INSTALLATION



REMOVE AND DISPOSE OF THE SHIPPING PIN.

INSERT AIR LINE INTO THE AIR LINE FITTING UNTIL IT STOPS.

AIR LINE INSERTED.

GENTLY PULL ON AIR LINE TO CONFIRM IT IS FULLY SECURED BY THE AIR LINE FITTING.

FIGURE 12

3. Install the two (2) air lines to the appropriate locations on the compressor (Figure 13). Remove the shipping pins and ensure that the air line is secured as demonstrated in Figure 12.

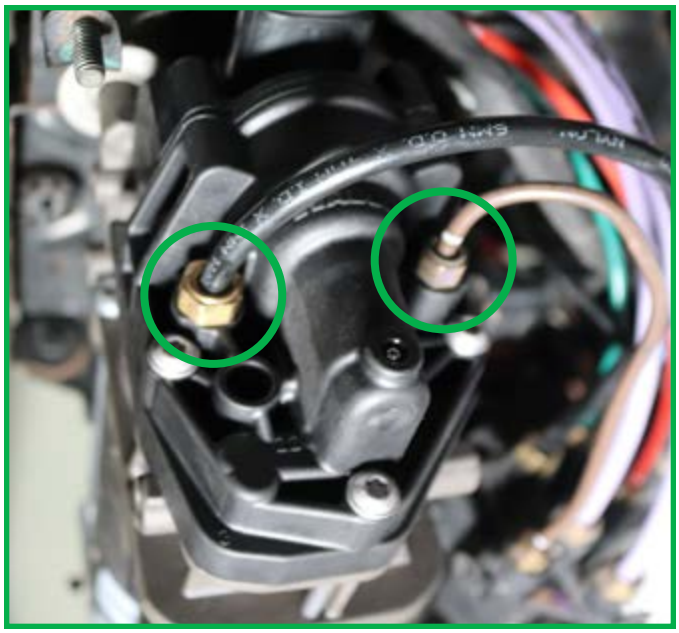


FIGURE 13

4. Reconnect the hose using the hose clamp. (Figure 14)

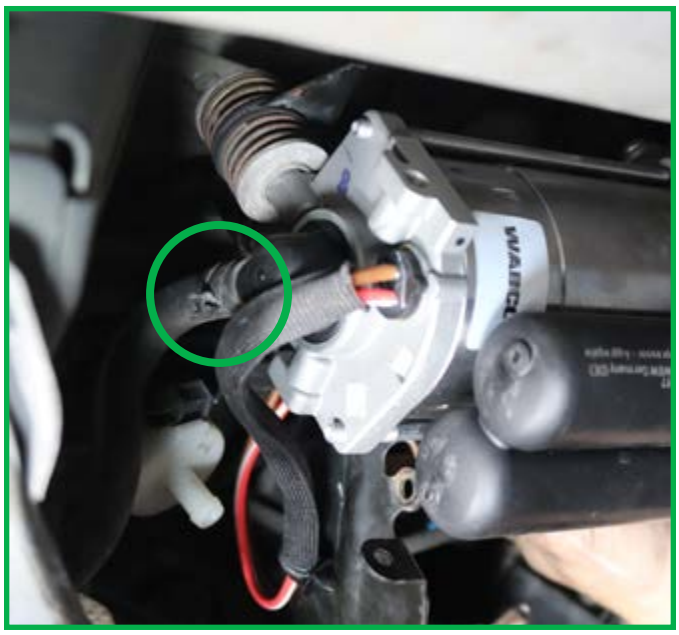


FIGURE 14

5. Reconnect the two (2) electrical connectors. (Figures 15, 16)

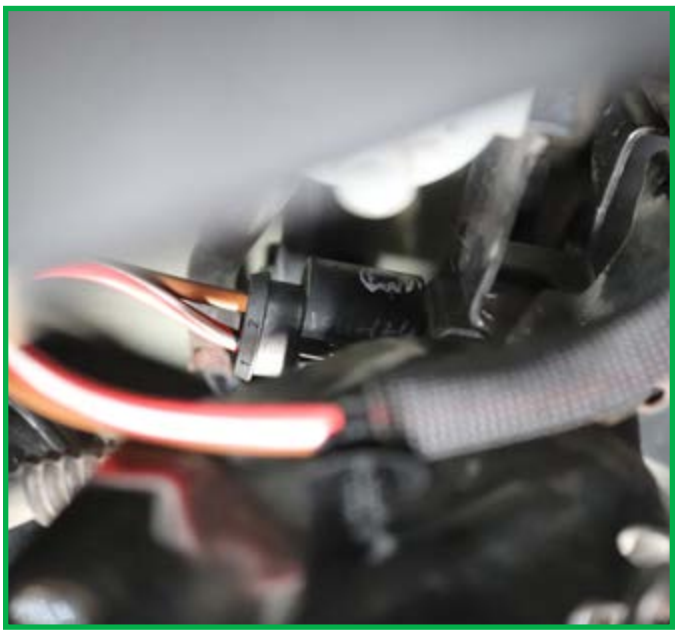


FIGURE 15

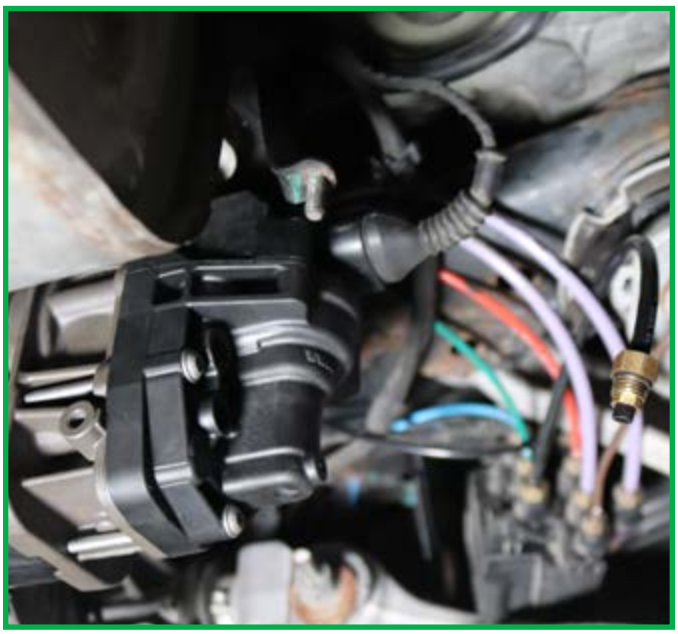


FIGURE 16

6. Reinstall the three (3) nuts to secure the compressor shield. (Figures 17, 18, 19)

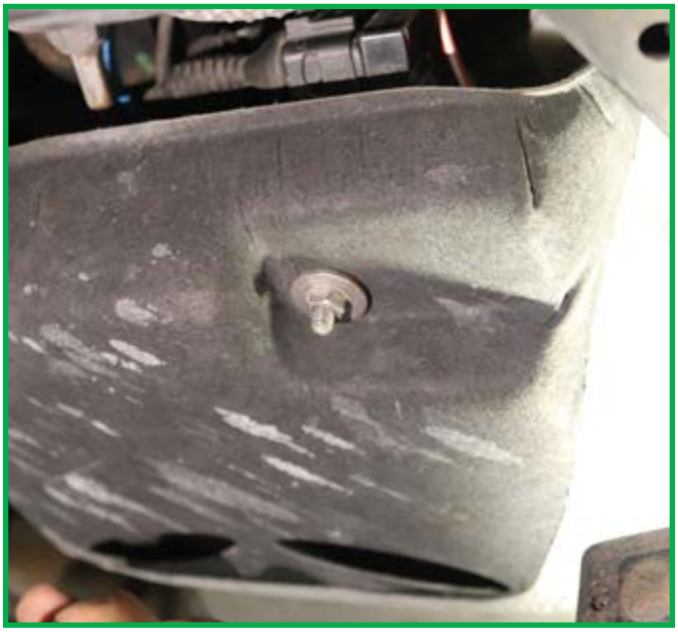


FIGURE 17

FIGURE 18

FIGURE 19

7. Compressor installation complete.

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.
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HOW HELPFUL WAS THIS MANUAL?

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https://bit.ly/4roSGxP

NEED IMMEDIATE SUPPORT?

We're happy to help! Reach out using the contact information above.