



INSTALLATION MANUAL

P-3880

**Arnott Air Suspension Compressor
Audi Q7 / Q8 / SQ7 / RS Q8 / SQ8,
Bentley Bentayga, & Lamborghini Urus**



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)

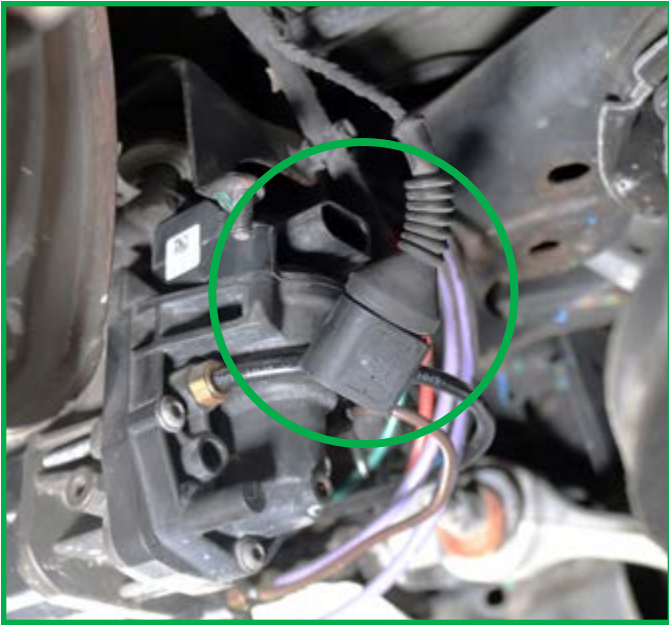


FIGURE 4

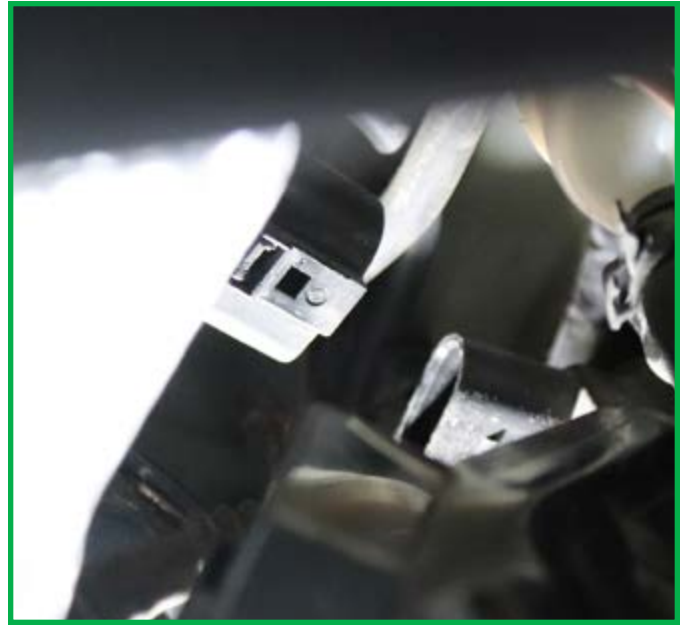


FIGURE 5

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

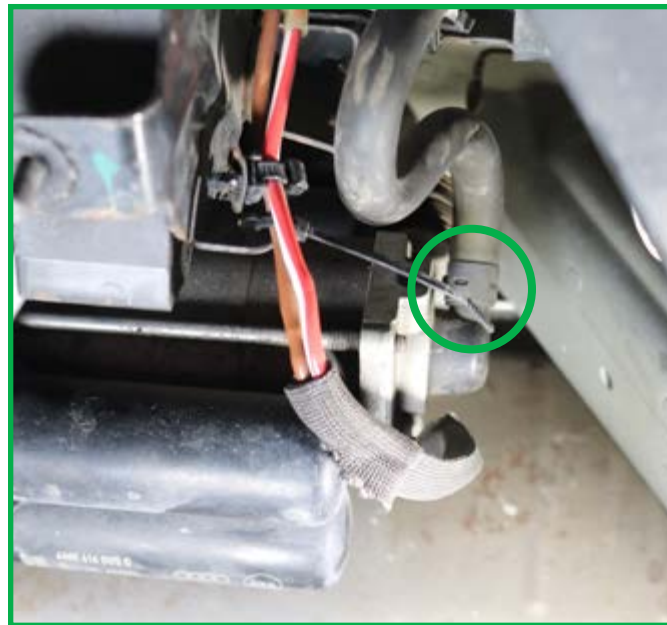


FIGURE 6

6. Disconnect the two (2) air lines from the compressor. (Figures 7, 8)

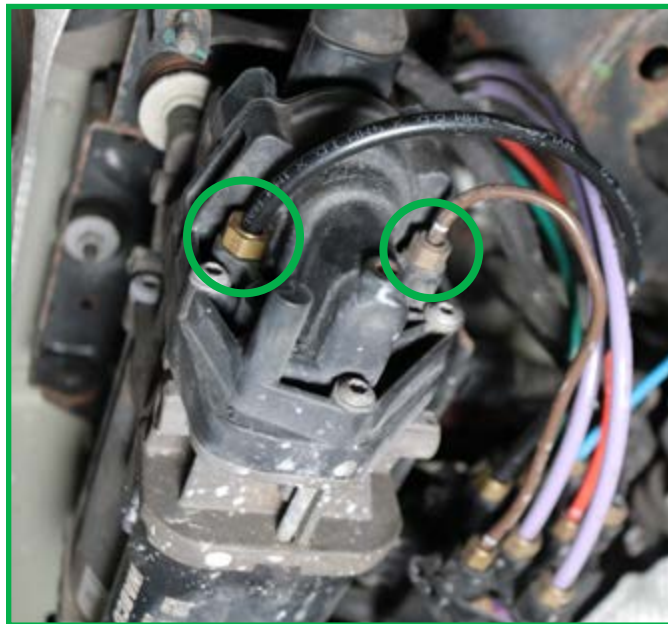


FIGURE 7

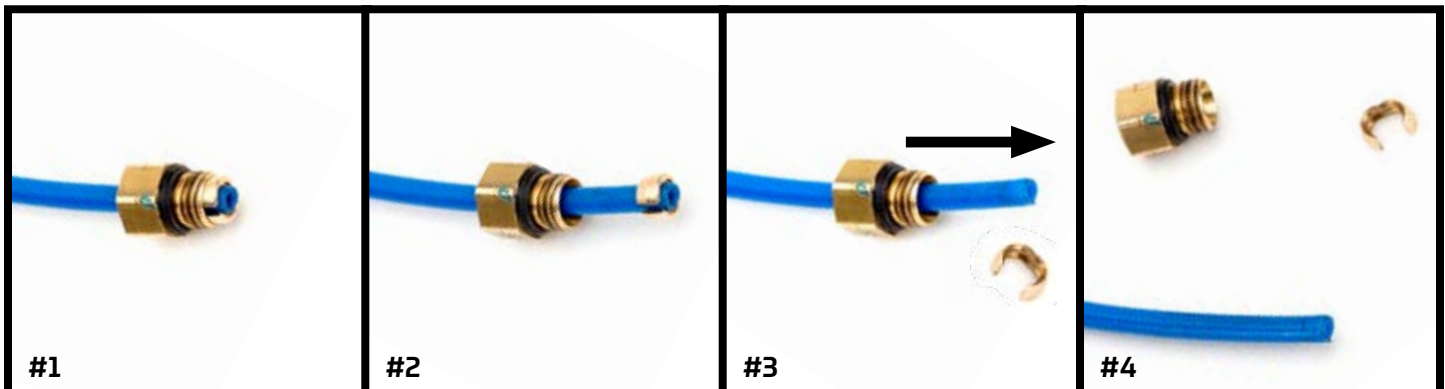
AIR LINE FITTING REMOVAL



Prior to inserting the existing air line into the new air strut you will need to remove the old original equipment air line fitting and discard.

NOTE:

Scratches and/or deep cuts in the air line can result in possible leaks. Inspect the air line before insertion. Air line needs to be replaced if damaged.



#1
OE AIR LINE FITTING

#2
SLIDE THE THREADED
PORTION UP THE LINE
AND SPREAD THE COLLET
OPEN TO REMOVE

#3
SLIDE THE AIR FITTING
OFF OF THE AIR LINE

#4
DISCARD OE AIR LINE
FITTING

FIGURE 8

7. Remove the three (3) bolts attaching the compressor to the compressor mount. (Figures 9, 10, 11)



FIGURE 9



FIGURE 10



FIGURE 11

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.

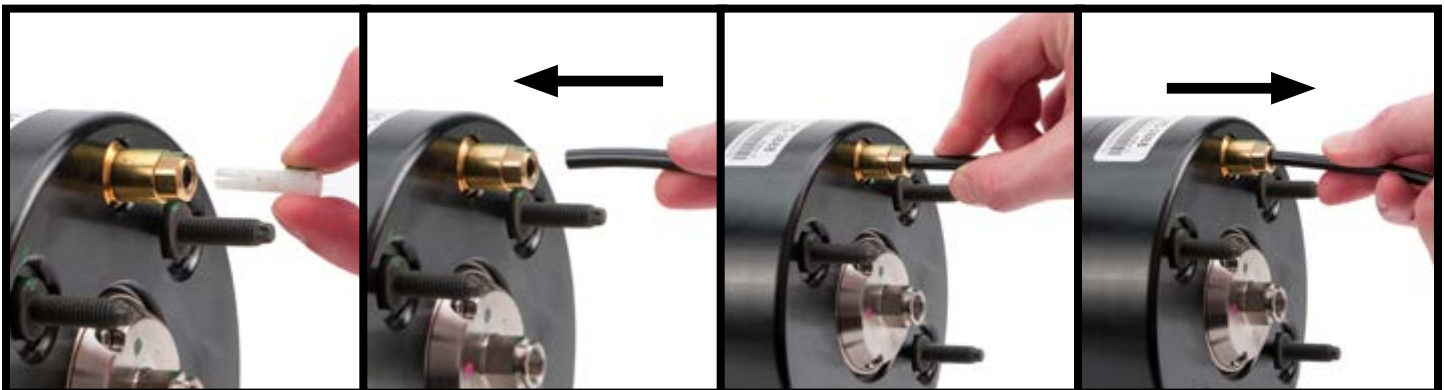
1. Line up the new compressor into position. Reinstall the three (3) bolts to secure the compressor to the compressor mount. (Figure 12)



FIGURE 12

2. Install the two (2) air lines to the appropriate locations on the new compressor. Remove the shipping pins and ensure that the air line is secured as demonstrated. (Figures 13, 14)

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 13

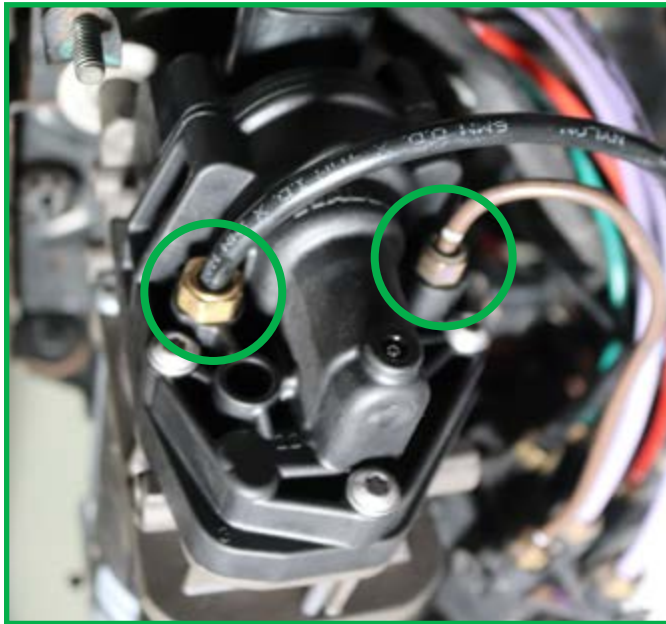


FIGURE 14

3. Reconnect the hose using the hose clamp. (Figure 15)



FIGURE 15

4. Reconnect the two (2) electrical connectors. (Figures 16, 17)

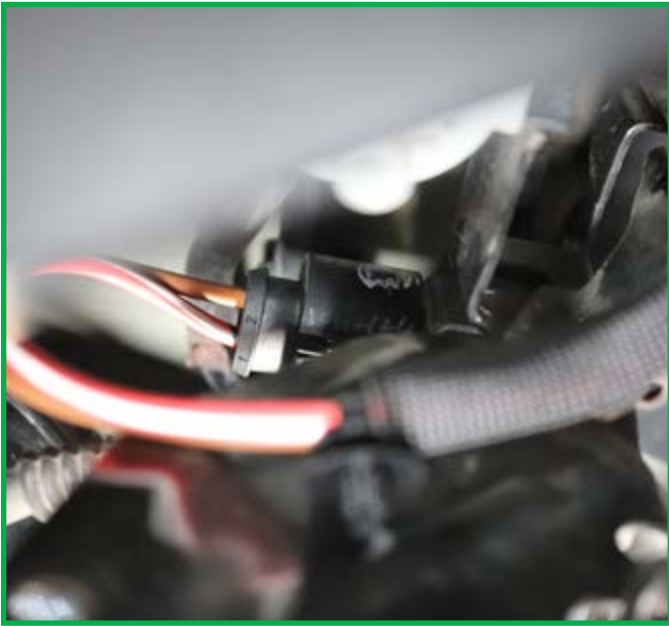


FIGURE 16

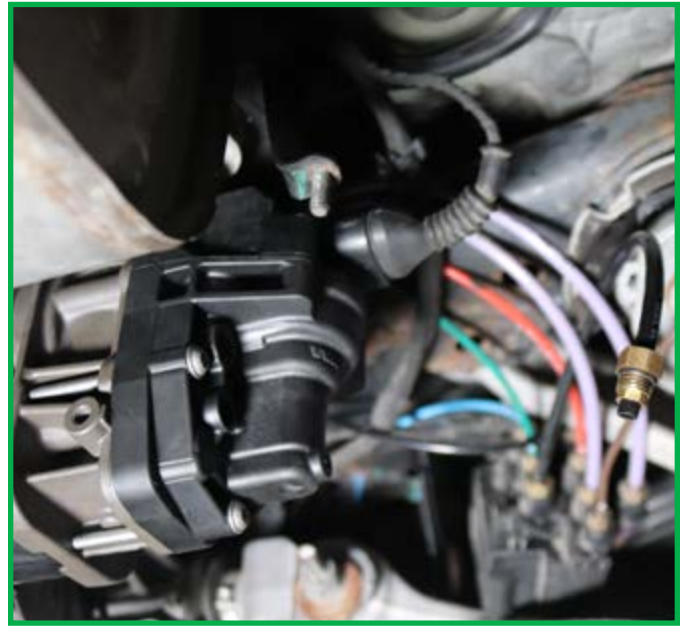


FIGURE 17

5. Reinstall the three (3) nuts to secure the compressor shield. (Figures 18, 19, 20)



FIGURE 18

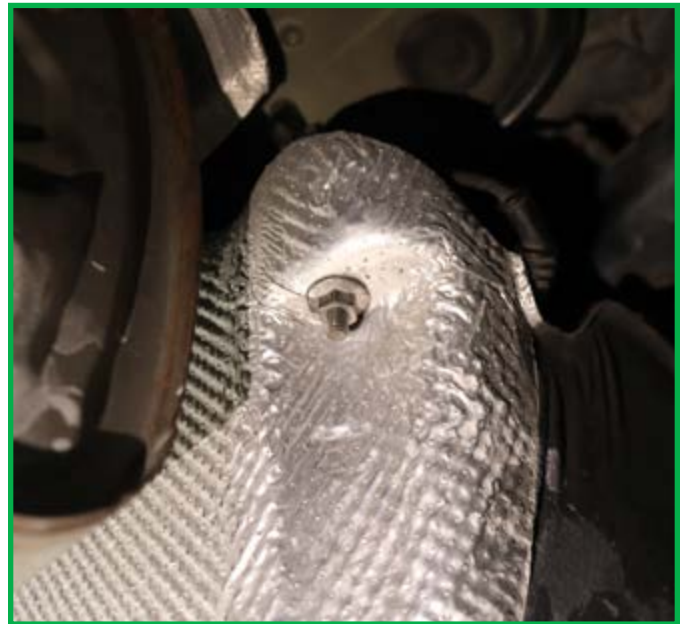


FIGURE 19



FIGURE 20

6. 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.

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<https://bit.ly/4cG6eRR>

NEED IMMEDIATE SUPPORT?

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