



INSTALLATION MANUAL

A-3891

Arnott New Rear Right Air Spring
Audi A6/A6 Quattro, S6/S7, RS7 (C7)



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.



WARNING:

This vehicle contains 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 SPRING REMOVAL

1. Set steering to straight ahead.
2. Raise vehicle.
3. Remove the wheel. (Figure 1)

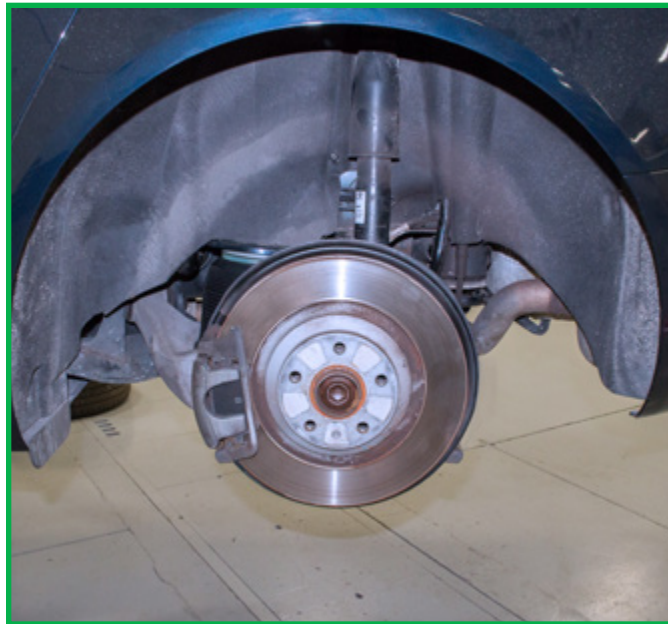


FIGURE 1

4. Disconnect the air line using a wrench. Remove air line fitting. (Figures 2, 3, 4)



FIGURE 2



FIGURE 3

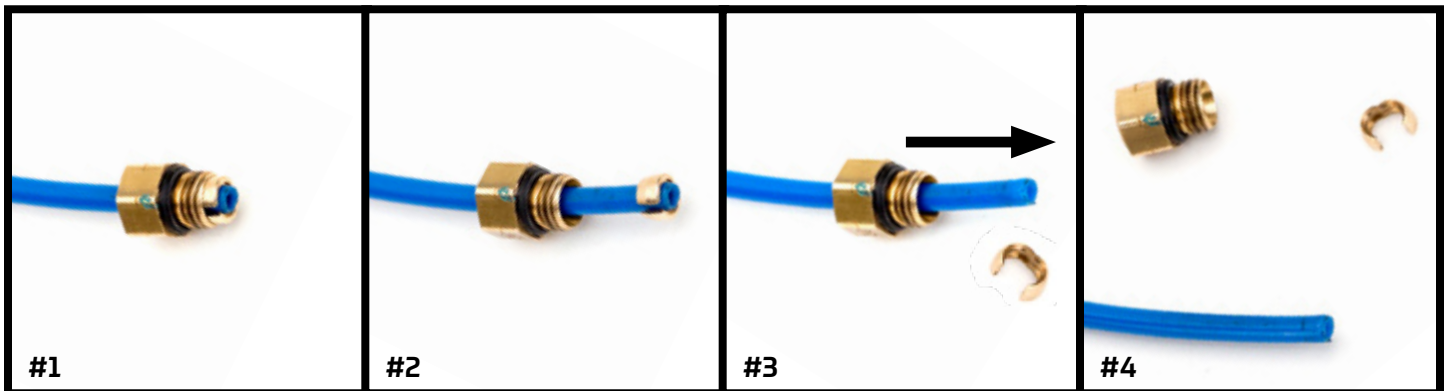
REMOVAL



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 15

5. Remove the lower spring guard retaining clip and the lower spring guard. (Figures 5, 6, 7)

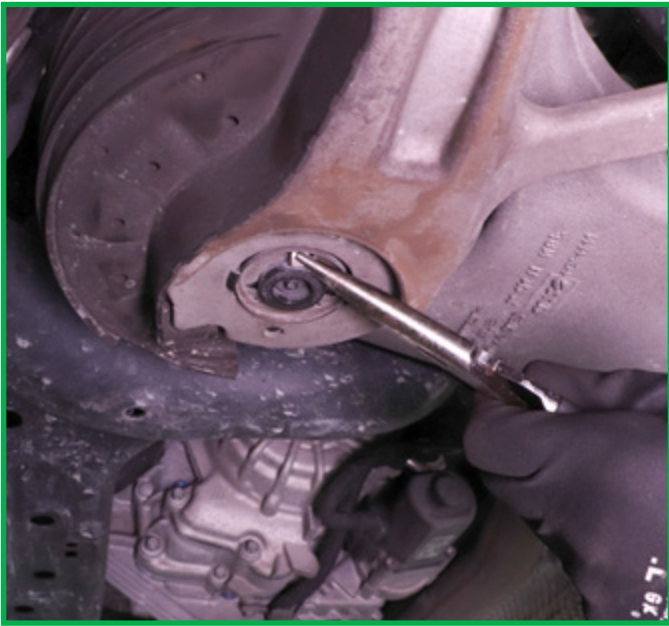


FIGURE 4



FIGURE 5

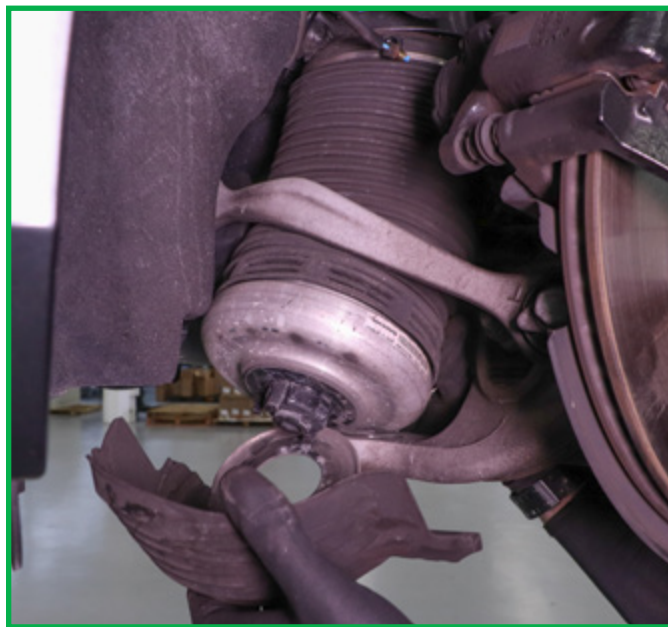


FIGURE 6

6. Compress and remove the air spring from the vehicle. (Figure 8)

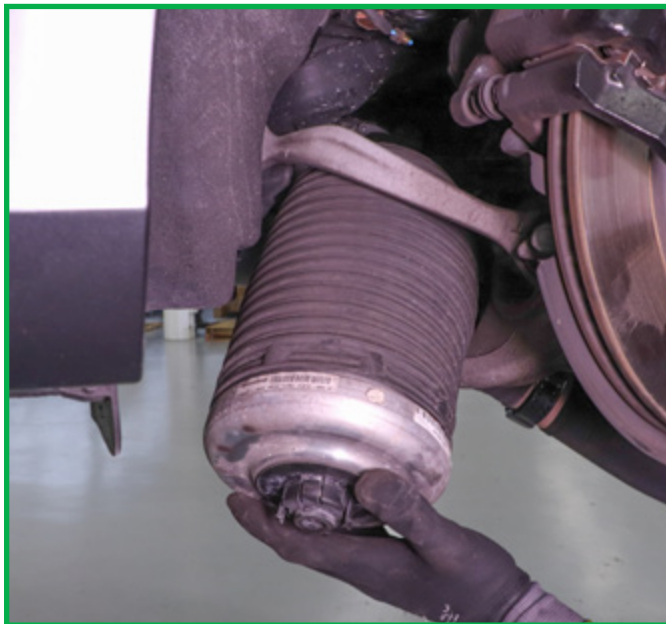


FIGURE 7

7. Removal complete.

AIR SPRING INSTALLATION



WARNING:

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

1. Pull out the shipping pin. (Figure 9)



FIGURE 8

2. Compress the air spring and install into the vehicle, reinstalling the lower spring guard while doing so. (Figures 10, 11)



FIGURE 9

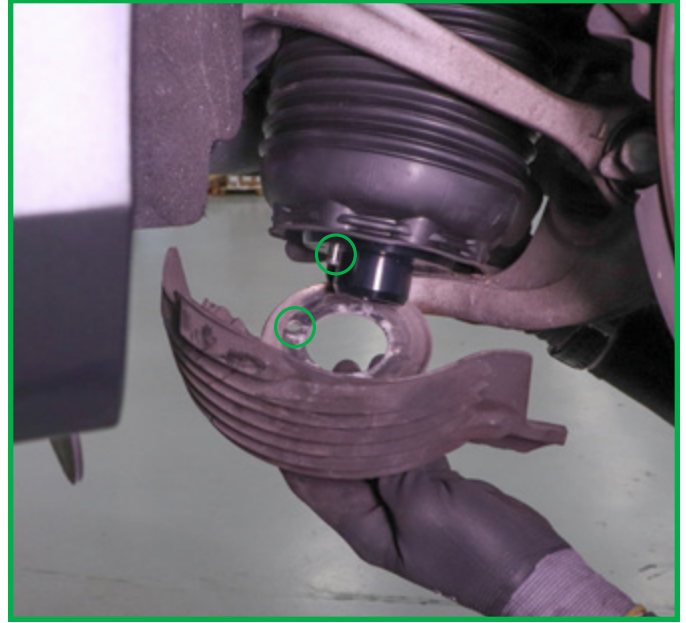


FIGURE 10

NOTE: Ensure the positioning pin seats into the hole in both the spring guard and lower arm of the vehicle.

3. Install the air line, pushing inwards until fully seated. (Figures 12, 13)



FIGURE 11

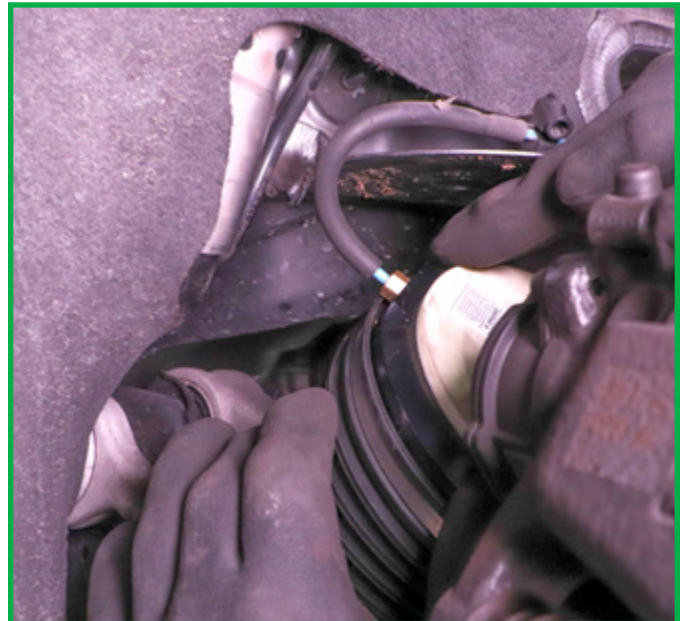


FIGURE 12

NOTE: Refer to included air spring TSB for proper air spring inflation procedure.

4. Inflate the air spring. Refer to included air spring TSB for proper filling procedure.
5. Reinstall the wheel.
6. Lower the vehicle.
7. Installation complete.

Arnott™

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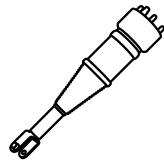
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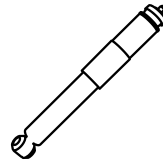
Email: info@arnotteurope.com



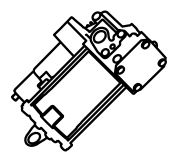
Air Springs



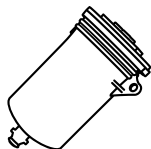
Struts



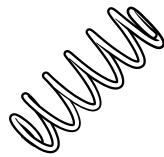
Shocks



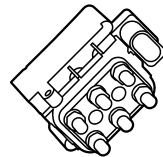
Compressors



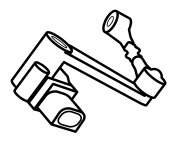
Dryers



Coil Spring
Conversion Kits



Valve Blocks



Ride Height
Sensors