



# INSTALLATION MANUAL

A-3316

Arnott New Rear Left Air Spring  
Audi Q7 (4M) & Bentley Bentayga



Engineered to Ride, Built to Last<sup>®</sup>

# 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](http://www.arnottinc.com) and [www.arnotteurope.com](http://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.

# AIR SPRING REMOVAL

1. Raise the vehicle.
2. Deflate the air suspension system per manufacturer's specifications.
3. Remove the applicable wheel. (Figure 1)



FIGURE 1

4. Remove the air fitting from the air spring. (Figure 2)



FIGURE 2

5. Remove the rear lower and rear upper control arm bolts. (Figures 3, 4, 5)



FIGURE 3

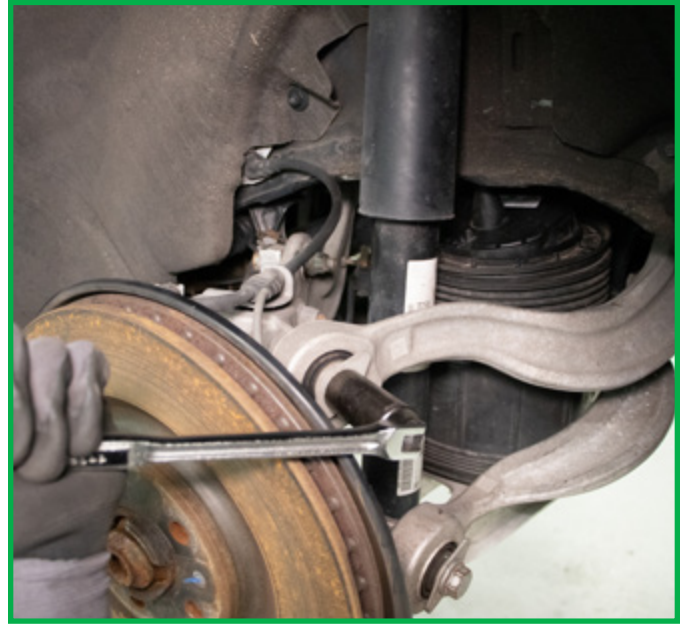


FIGURE 4

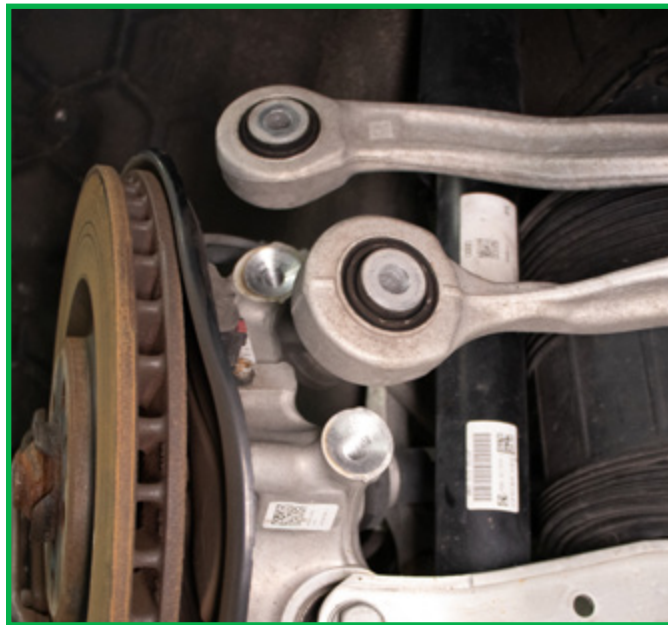


FIGURE 5

6. Remove the tab lock from the bottom lug and disconnect the lower spring mount from the spring seat. (Figures 6, 7)



FIGURE 6



FIGURE 7

7. Remove the air spring from the vehicle. (Figures 8, 9)



FIGURE 8



FIGURE 9

# AIR SPRING INSTALLATION

1. Install the new air spring into the vehicle. (Figures 10, 11)



FIGURE 10

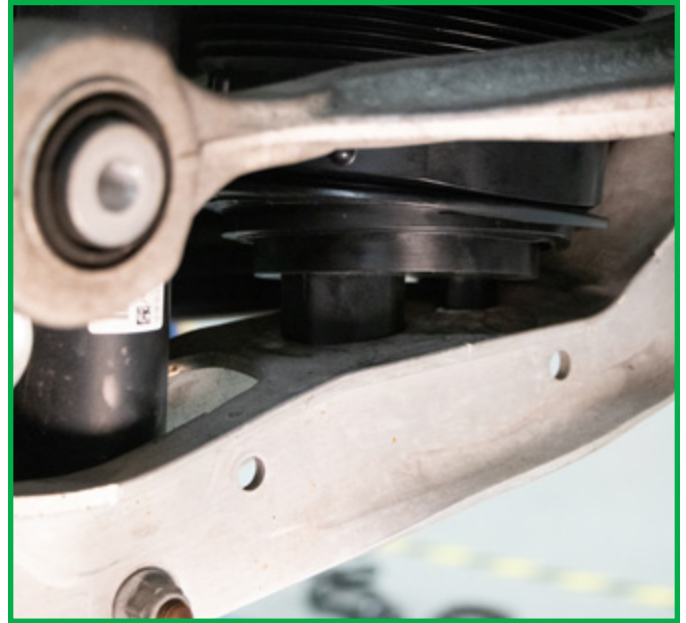


FIGURE 11

2. Remove the shipping pin from the air fitting and insert the air line. (Figures 12, 13, 14)

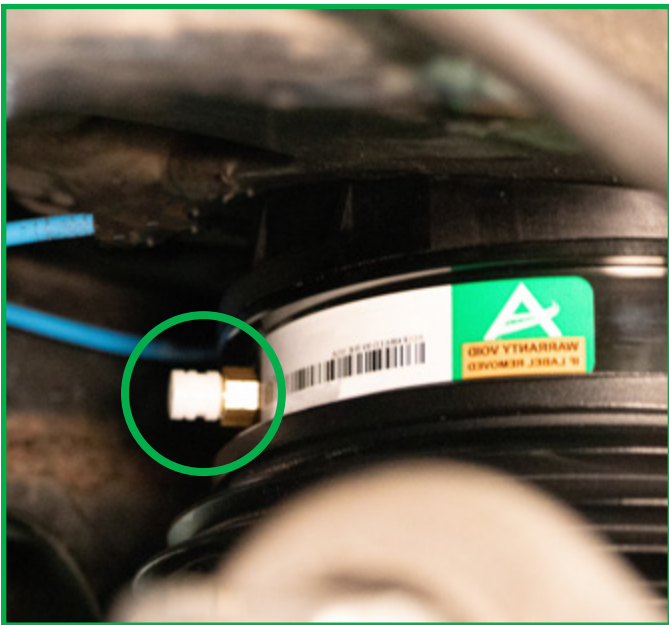


FIGURE 12

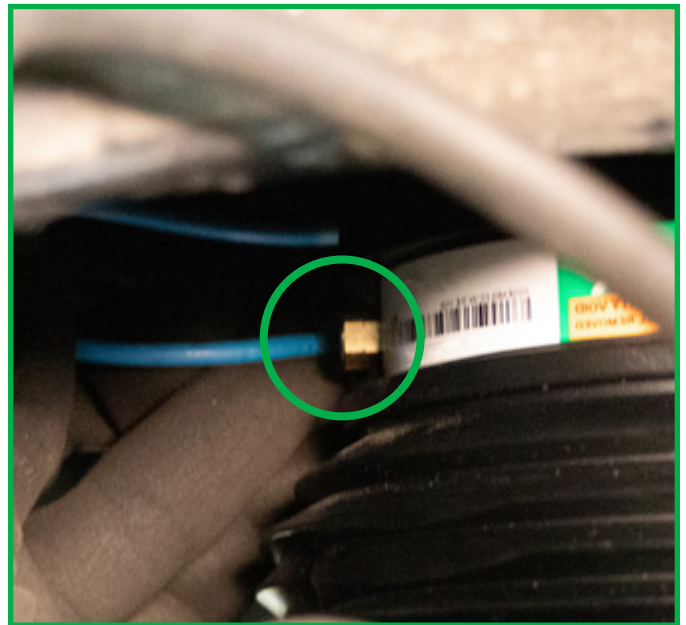


FIGURE 13

## 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.

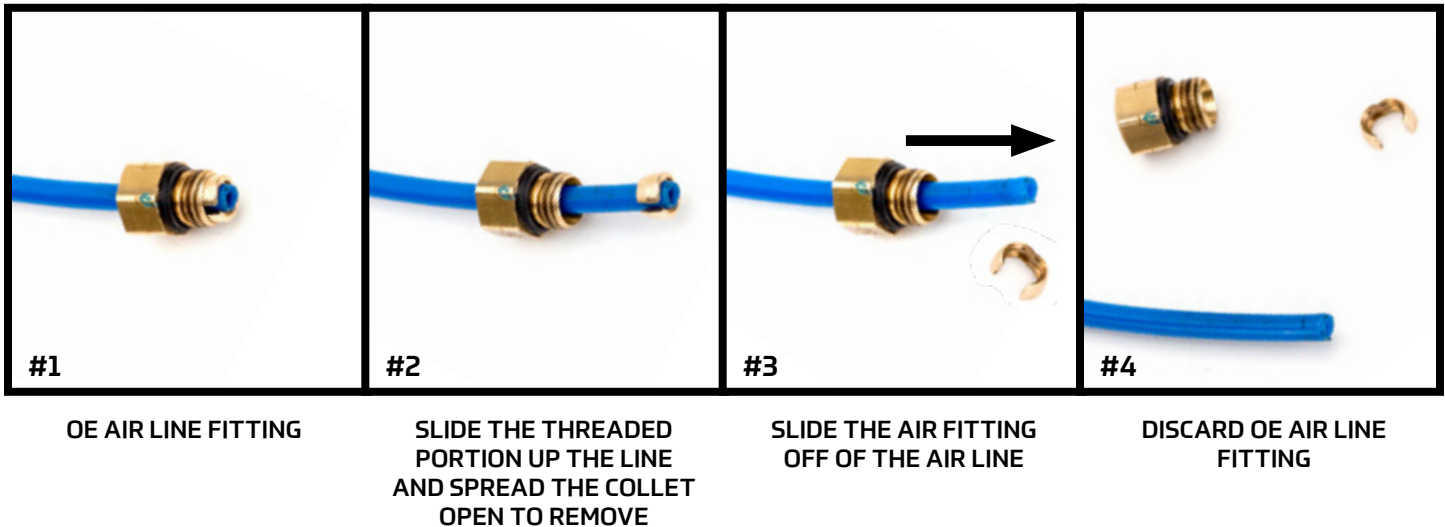


FIGURE 14

3. Reinstall the rear upper and lower control arm bolts. Tighten to manufacturer's specifications. (Figure 15)



FIGURE 15

4. Inflate the air spring per manufacturer's specifications.
5. Reinstall the wheel. Tighten to manufacturer's specifications.
6. Lower the vehicle.

# Arnott™

## Suspension Products

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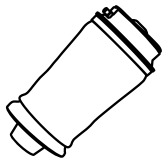
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**BE Phone:** +32 258 846 90

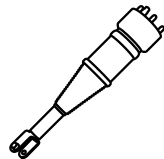
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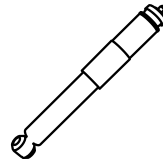
**Email:** [info@arnotteurope.com](mailto:info@arnotteurope.com)



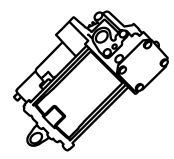
Air Springs



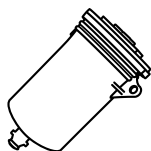
Struts



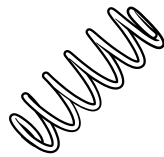
Shocks



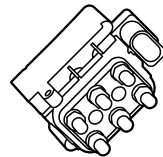
Compressors



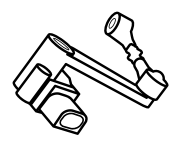
Dryers



Coil Spring  
Conversion Kits



Valve Blocks



Ride Height  
Sensors