



INSTALLATION MANUAL

VB-3832

Arnott New Solenoid Valve Block
Audi A6/S6/RS7 (C7)/S7 (C6)/A8/S8 (D4)



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.

THIS MANUAL ILLUSTRATES THE PROPER INSTALLATION OF VB-3832 ON A 2015 AUDI A8 WITH (D4) CHASSIS

VALVE BLOCK REMOVAL

1. Raise vehicle.
2. Remove rear underbody panel to gain access to air suspension compressor and valve block. (Figures 1, 2)



FIGURE 1

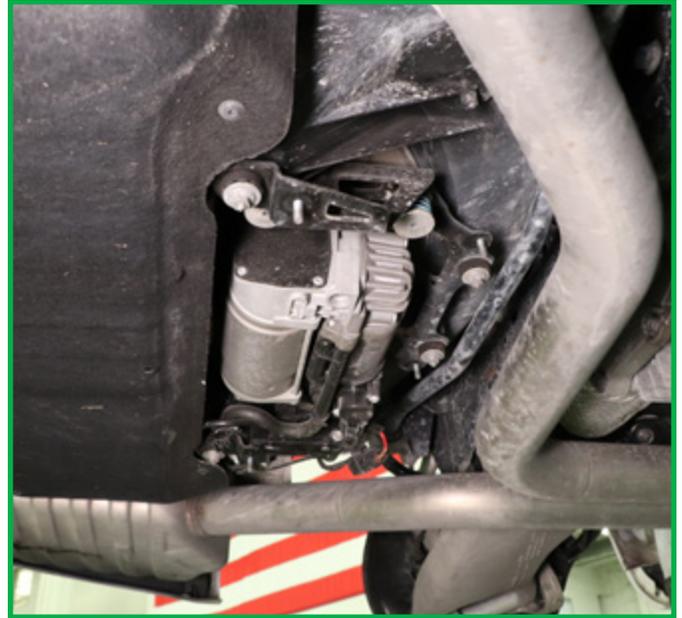


FIGURE 2

3. Disconnect electrical connection. (Figure 3)

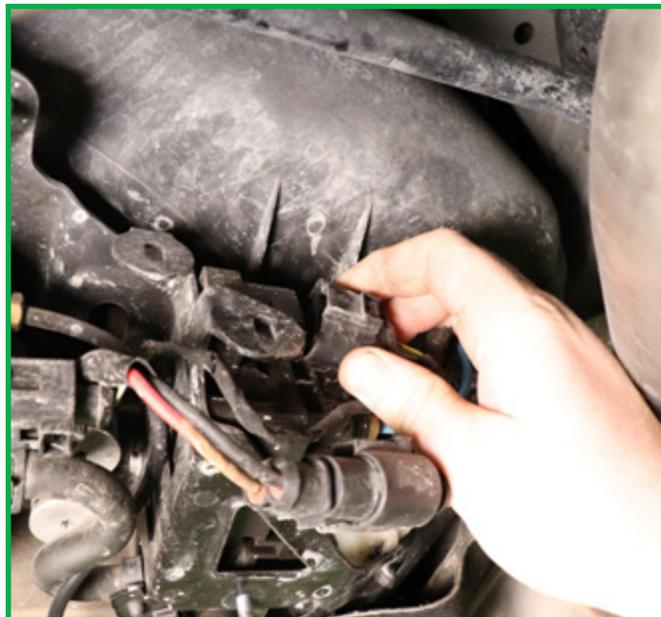


FIGURE 3

4. Remove the air lines. (Figures 4, 5)

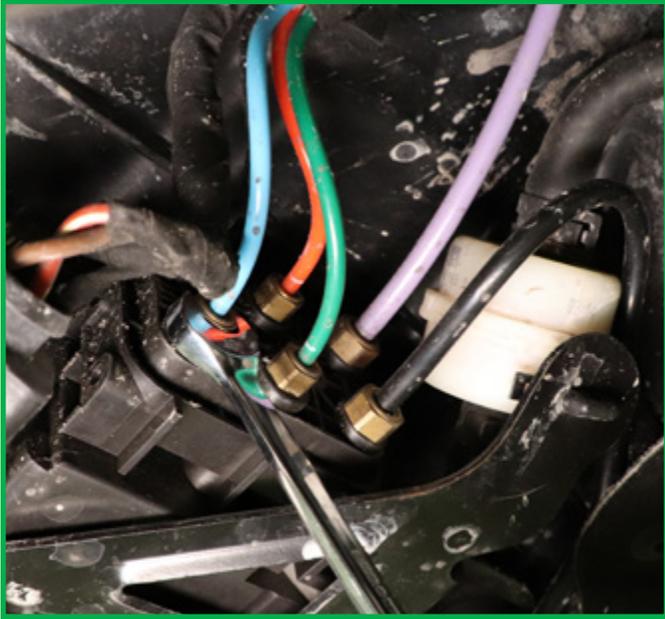


FIGURE 4

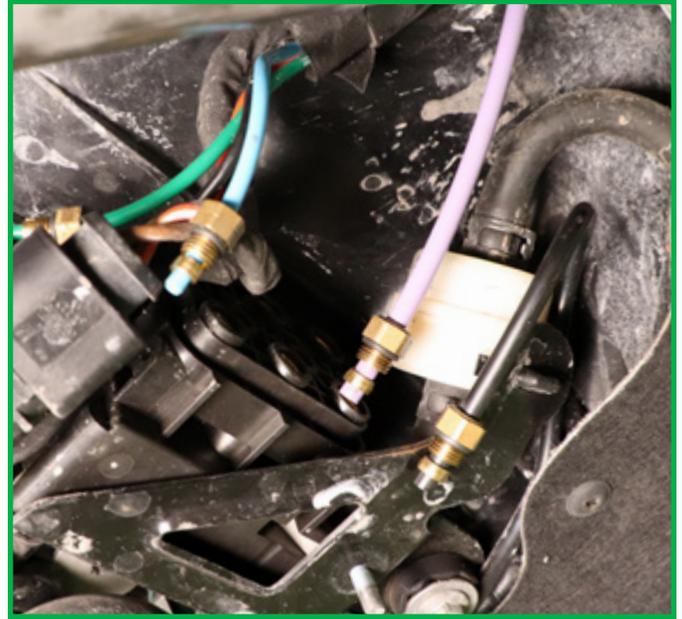


FIGURE 5

5. Remove valve block retaining screws and remove valve block from vehicle. (Figures 6, 7)

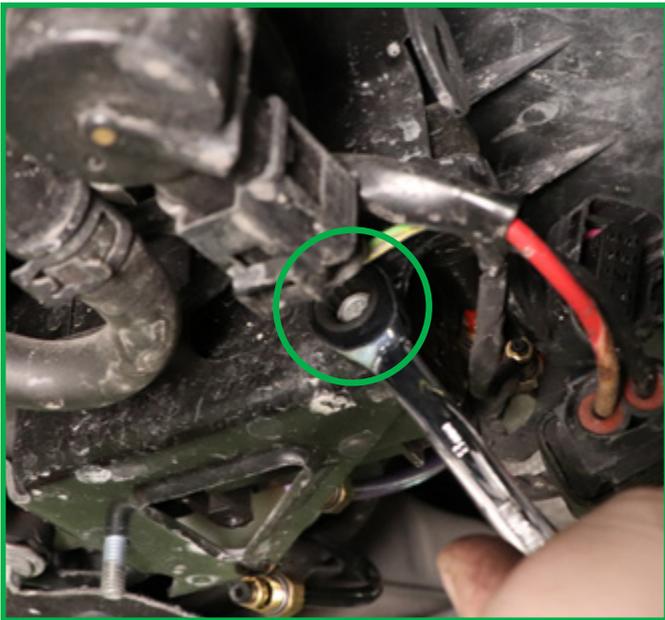


FIGURE 6



FIGURE 7

6. Removal complete.

VALVE BLOCK INSTALLATION



WARNING:

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



WARNING:

Do not remove the air fittings from the valve block. Doing so may cause damage and/or void warranty. Remove the shipping pins from the new air fittings and insert the air lines until fully seated.

1. Remove shipping pins and install new valve block into vehicle. Install the bracket retaining screws. New retaining screws are provided by arnett, the screws used in this example are the previously used screws. (Figures 8, 9, 10)



FIGURE 8



FIGURE 9

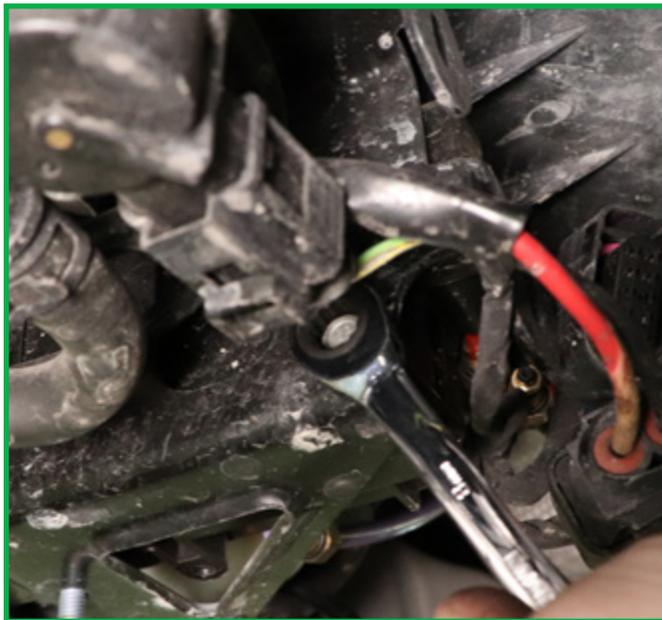


FIGURE 10

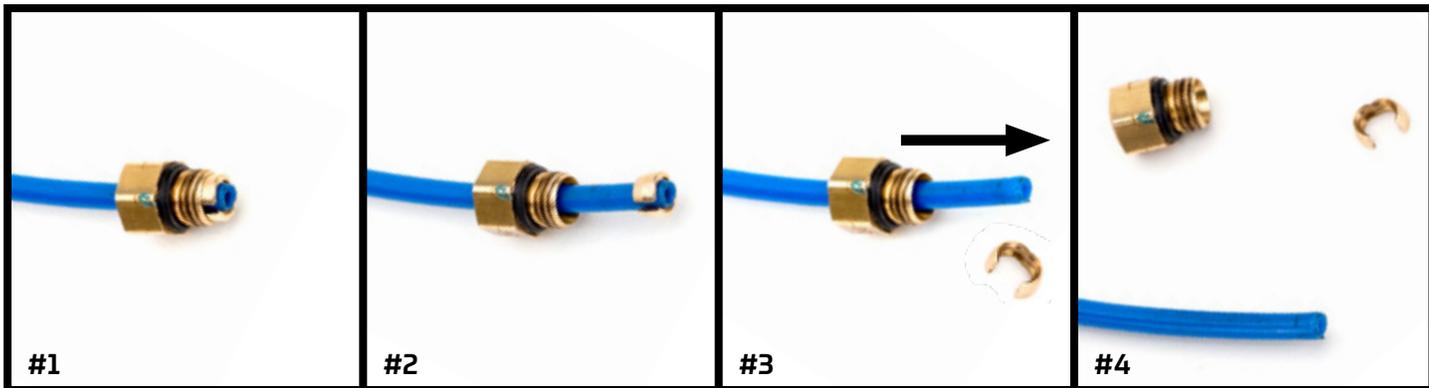
2. Prepare the existing air lines by removing the old air fittings, using the figure below as an example. (Figure 11)

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 11

3. Install the air lines. Press in the air lines firmly until full seated. (Figures 12, 13)

NOTE: The proper hose color placement into the valve block air fittings is critical to proper operation of the air system.

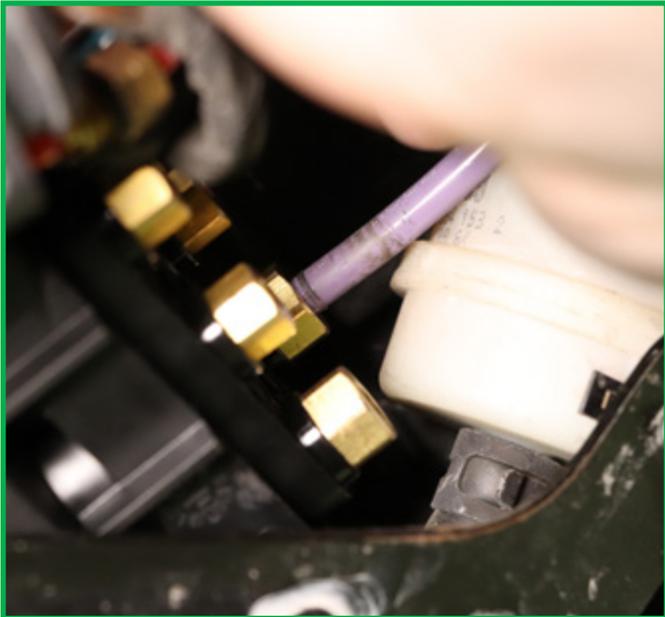


FIGURE 12

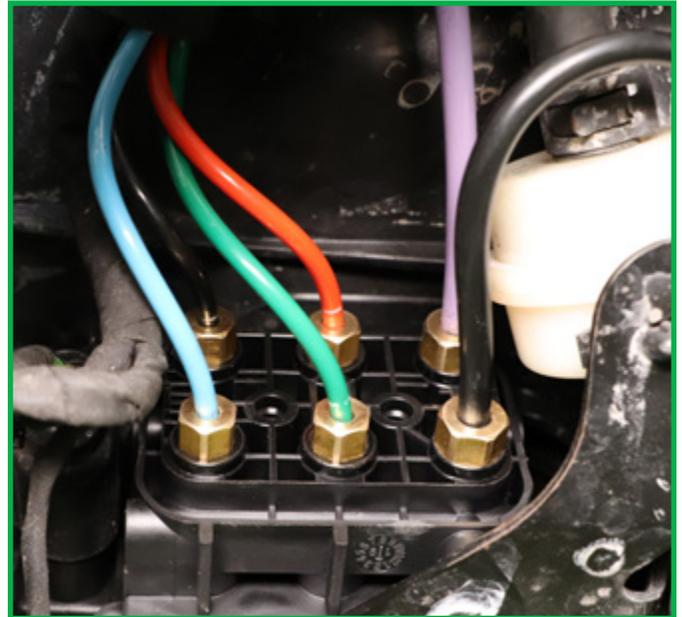


FIGURE 13

4. Reconnect electrical connection. (Figure 14)



FIGURE 14

5. Reinstall the rear underbody panel. (Figure 15)



FIGURE 15

6. Lower vehicle
7. Enable air suspension system per manufacturer's specifications.
8. Installation complete.

Arnott®

Suspension Products

Arnott US Business Office:

www.arnottinc.com

100 Sea Ray Drive
Merritt Island, FL 32953

Call: 800.251.8993

321.868.3016

Fax: 321.868.3703

Email: techassistance@arnottinc.com

Arnott Europe Business Office:

www.arnotteurope.com

Industrieweg 19
5145 PD, Waalwijk (NL)

NL Phone: +31 73 7850 580

DE Phone: +31 85 2087 438

UK Phone: +44 203 3186 124

BE Phone: +32 258 846 90

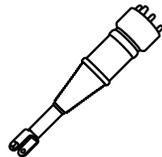
ES Phone: +34 91 901 10 56

FR Phone: +32 78 48 46 93

Email: info@arnotteurope.com



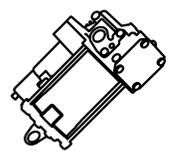
Air Springs



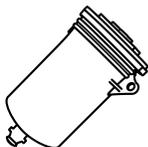
Struts



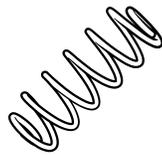
Shocks



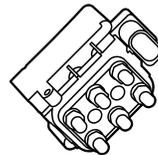
Compressors



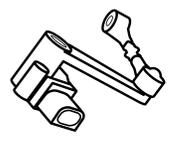
Dryers



Coil Spring
Conversion Kits



Valve Blocks



Ride Height
Sensors