

Installation Manual

VB-3491 ARNOTT VALVE BLOCK

2012-2018 AUDI A6/2013-2018 S6/2014-2018 RS7 (C7)
2013-2018 S7 (C6), 2011-2018 A8/2013-2018 S8 (D4)



Congratulations on your purchase of an Arnett® air suspension product. We at Arnett Incorporated are proud to offer a high quality product at the industry's most competitive pricing. 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, ASE Certified, 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.

"Engineered to Ride, Built to Last®"



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.

Arnett® is committed to the quality of its products. If you have a question or problem with any Arnett product, please contact Arnett by calling **800-251-8993** during normal business hours or email techassistance@arnottinc.com. (In the EU please call +31 (0)73 7850 580 or email info@arnotteurope.com)

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.

- Not to be stored below 5°F (-15°C) or 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.

THIS MANUAL ILLUSTRATES THE PROPER INSTALLATION OF VB-3491 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)

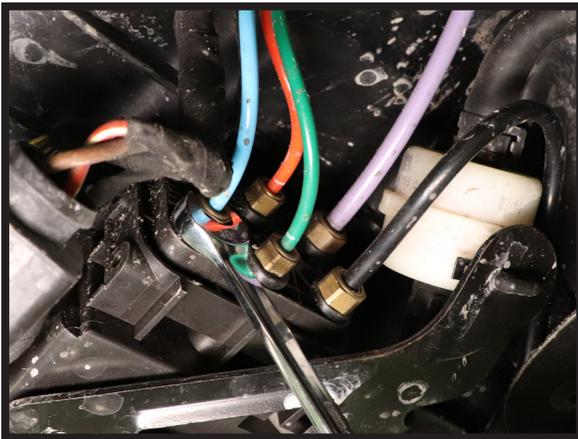


FIGURE 4

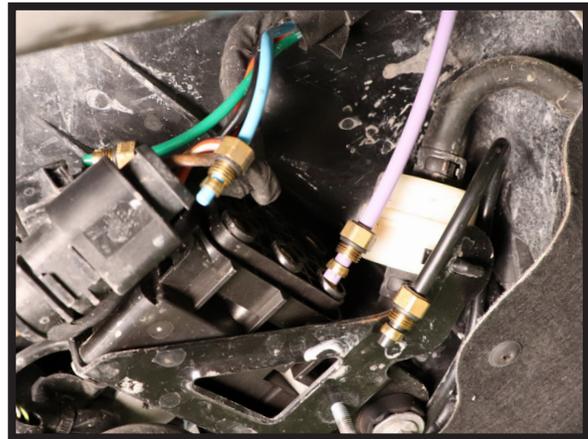


FIGURE 5

5. REMOVE VALVE BLOCK RETAINING SCREWS AND REMOVE VALVE BLOCK FROM VEHICLE. (FIGURES 6, 7)

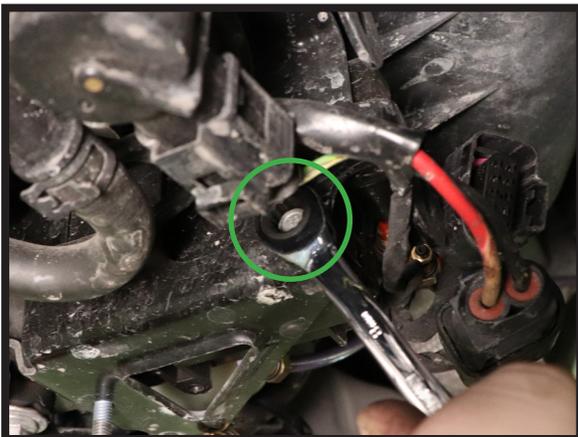


FIGURE 6



FIGURE 7

8. REMOVAL COMPLETE.

VALVE BLOCK INSTALLATION



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



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 ARNOTT, THE SCREWS USED IN THIS EXAMPLE ARE THE PREVIOUSLY USED SCREWS.** (FIGURES 8, 9, 10)



FIGURE 8

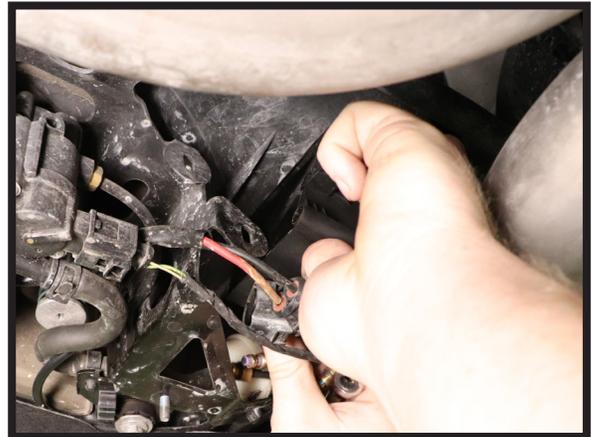


FIGURE 9



FIGURE 10

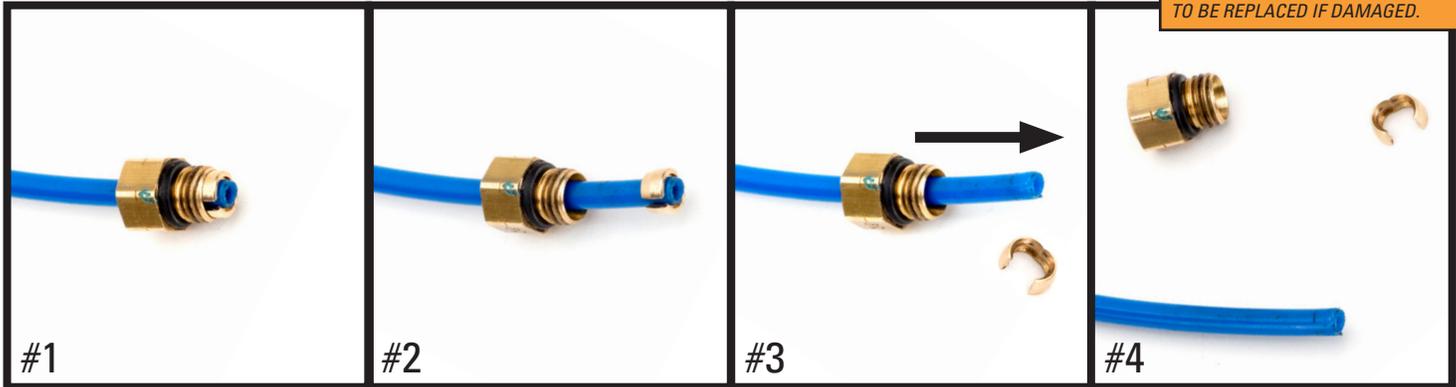
2. PREPARE THE EXISTING AIR LINES BY REMOVING THE OLD AIR FITTINGS, USING THE FIGURE BELOW AS AN EXAMPLE. (FIGURE 11)

REMOVAL



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

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 AIR LINE IS READY FOR INSTALLATION

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.

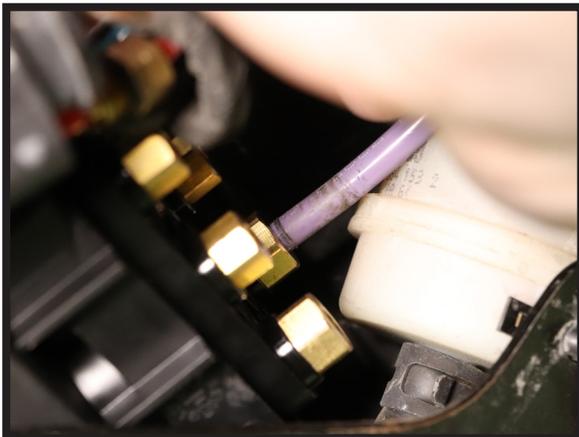


FIGURE 12



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.