

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-3496 ON A 2014 RAM 1500 (DS)

VALVE BLOCK REMOVAL

1. RAISE VEHICLE.
2. DEFLATE AIR SUSPENSION SYSTEM PER MANUFACTURER'S SPECIFICATIONS.
3. REMOVE REAR RIGHT WHEEL AND WHEEL WELL LINER. (FIGURES 1, 2)



FIGURE 1



FIGURE 2

4. REMOVE THE STONE SHIELD. (FIGURES 3, 4)

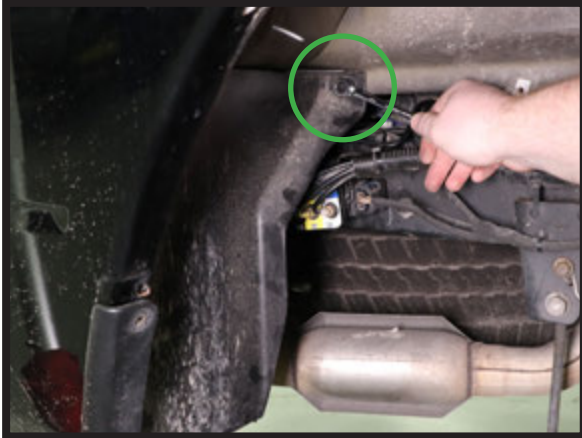


FIGURE 3

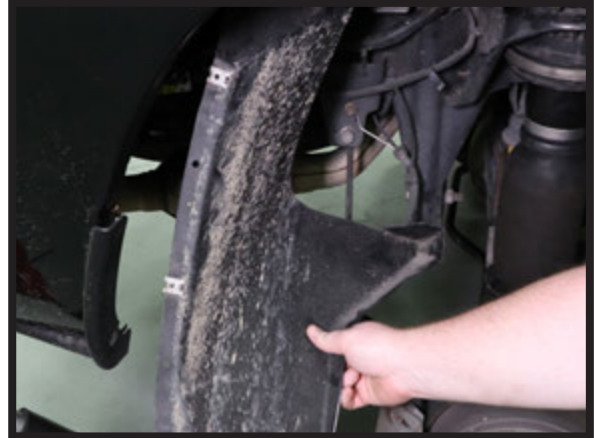


FIGURE 4

5. REMOVE AIR LINES FROM THE VALVE BLOCK. (FIGURES 5, 6)



FIGURE 5



FIGURE 6

6. DISCONNECT THE ELECTRICAL CONNECTION FROM THE VALVE BLOCK. (FIGURE 7)



FIGURE 7

7. REMOVE SCREWS FROM VALVE BLOCK BRACKET. (FIGURE 8)



FIGURE 8

8. REMOVE VALVE BLOCK FROM VEHICLE. (FIGURE 9)



FIGURE 9

9. REMOVE VALVE BLOCK BRACKET BOLTS AND REMOVE BRACKET. (FIGURES 10, 11)

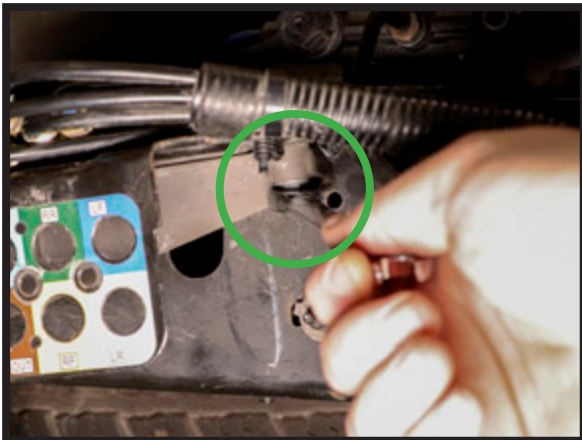




FIGURE 10



FIGURE 11

10. 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. PLACE THE NEW VALVE BLOCK IN THE BRACKET AND SECURE IN PLACE. (FIGURE 12)



FIGURE 12

2. REINSTALL THE VALVE BLOCK BRACKET INTO THE VEHICLE. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURE 13)

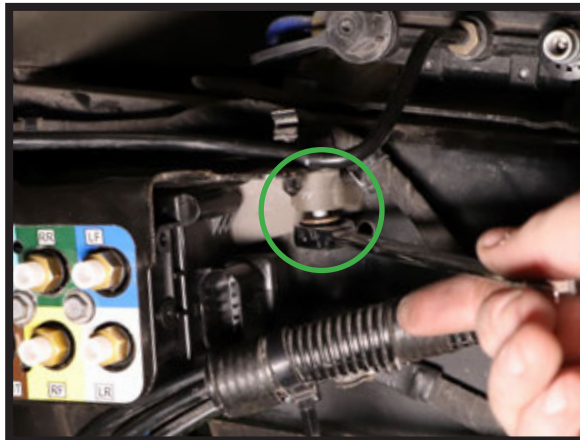


FIGURE 13

3. REMOVE SHIPPING PINS FROM THE VALVE BLOCK. (FIGURE 14)

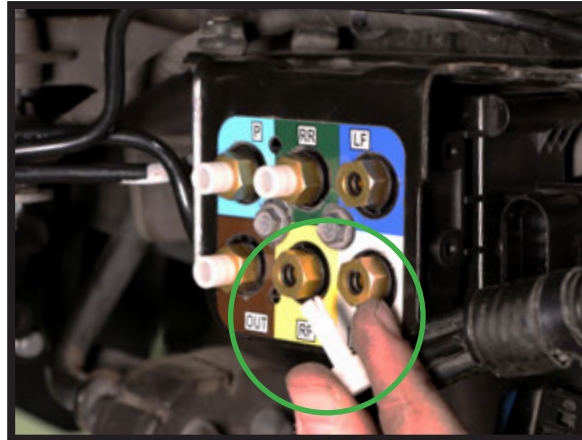


FIGURE 14

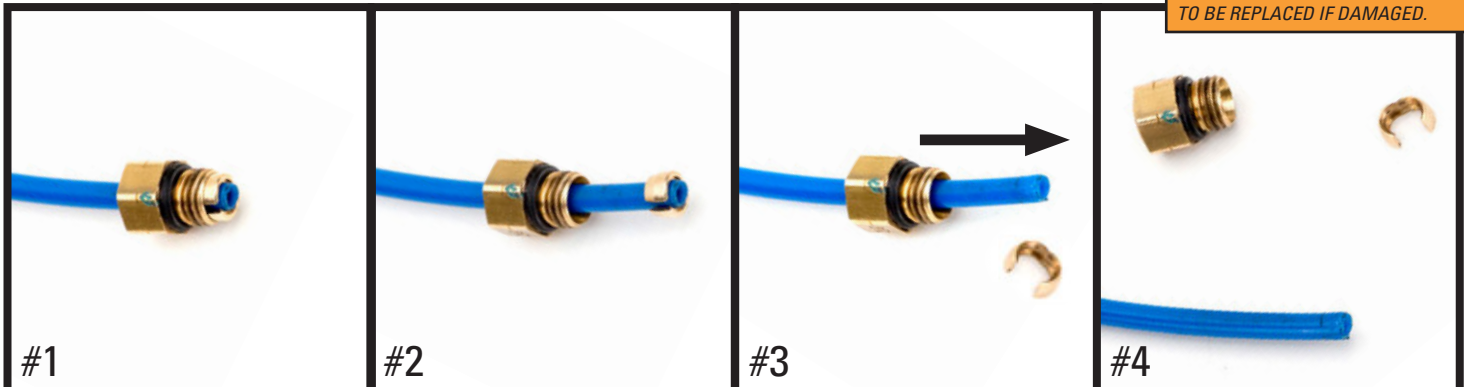
4. PREPARE THE EXISTING AIR LINES BY REMOVING THE OLD AIR FITTINGS, USING THE FIGURE BELOW AS AN EXAMPLE. (FIGURE 15)

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 15

5. INSERT THE AIR LINES INTO THE VALVE BLOCK. PRESS THE LINES IN FIRMLY UNTIL THEY ARE FULLY SEATED. (FIGURE 16)



FIGURE 16

6. RECONNECT THE ELECTRICAL CONNECTION. (FIGURE 17)



FIGURE 17

7. REINSTALL THE STONE SHIELD. (FIGURE 18)



FIGURE 18

8. REINSTALL THE WHEEL WELL LINER. (FIGURE 19)

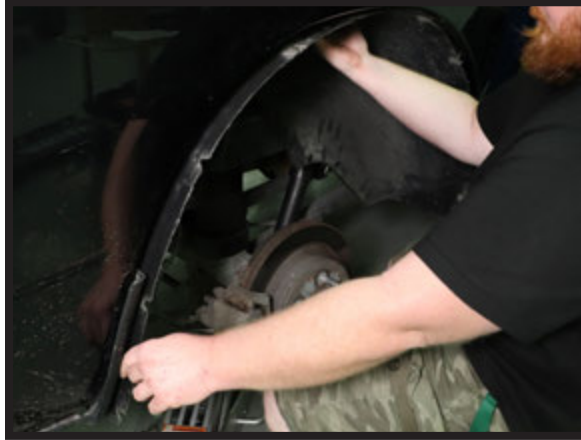


FIGURE 19

9. REINSTALL THE WHEEL.
10. INFLATE AIR SPRINGS PER MANUFACTURER'S SPECIFICATIONS.
11. LOWER VEHICLE.
12. INSTALLATION COMPLETE.