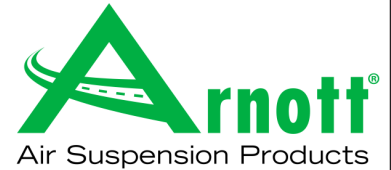


# Installation Manual

P-2984

WABCO OES AIR SUSPENSION COMPRESSOR  
AUDI A6, ALLROAD QUATTRO (C6)



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](mailto:techassistance@arnottinc.com). (In the EU please call +31 (0)73 7850 580 or email [info@arnotteurope.com](mailto: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](http://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.

## AIR SUSPENSION COMPRESSOR REMOVAL

1. SET STEERING TO STRAIGHT AHEAD.
2. LIFT VEHICLE AND REMOVE FRONT RIGHT WHEEL. (FIGURE 1)



FIGURE 1



3. REMOVE WHEEL WELL LINER AND BOTTOM FRONT SKID PLATE TO EXPOSE THE VEHICLES AIR SUSPENSION COMPRESSOR. (FIGURES 2, 3)



FIGURE 2



FIGURE 3

4. LOCATE THE LARGER RUBBER HOSE LEADING TO THE COMPRESSOR. PINCH AND SLIDE THE HOSE CLAMP OFF OF THE AIR HOSE FITTING AND REMOVE THE AIR HOSE. (FIGURES 4, 5)



FIGURE 4

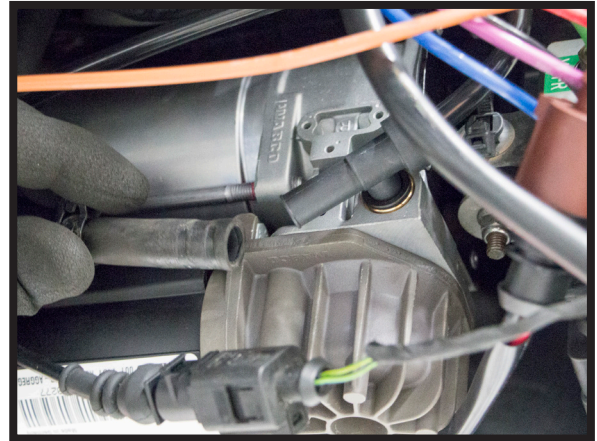


FIGURE 5

5. LOCATE AND DISCONNECT THE THREE (3) ELECTRICAL CONNECTORS FROM THE COMPRESSOR. (FIGURES 6, 7, 8)



FIGURE 6

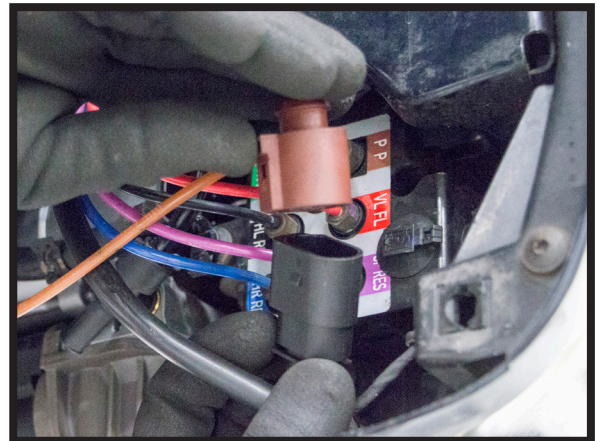


FIGURE 7





FIGURE 8

6. LOCATE AND REMOVE THE MOUNTING NUTS AND HARDWARE TO REMOVE THE COMPRESSOR FROM THE VEHICLE. (FIGURE 9, 10, 11)

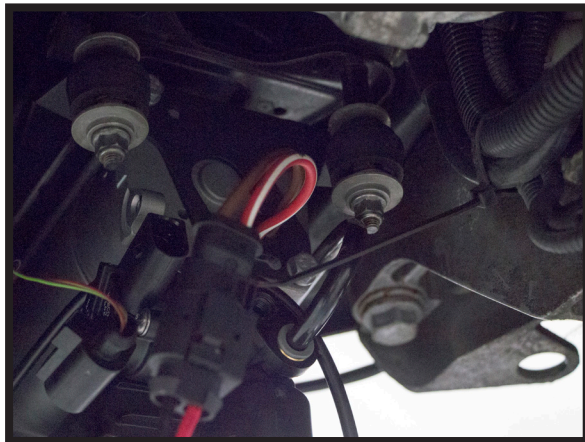


FIGURE 9

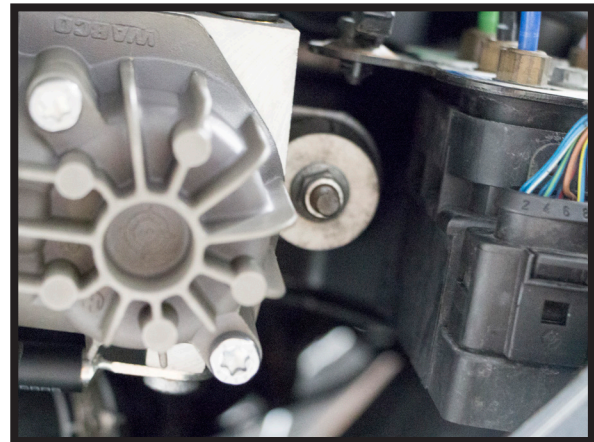


FIGURE 10



FIGURE 11

7. REMOVAL COMPLETE.

## AIR SUSPENSION COMPRESSOR INSTALLATION



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



*Do not remove the air fitting from the air spring. Doing so may cause damage and/or void warranty. Remove the white shipping pin from the new air fitting and insert the air line until fully seated.*

1. INSTALL THE THREE WASHERS ONTO THE COMPRESSOR AS SHOW BELOW. (FIGURE 12)

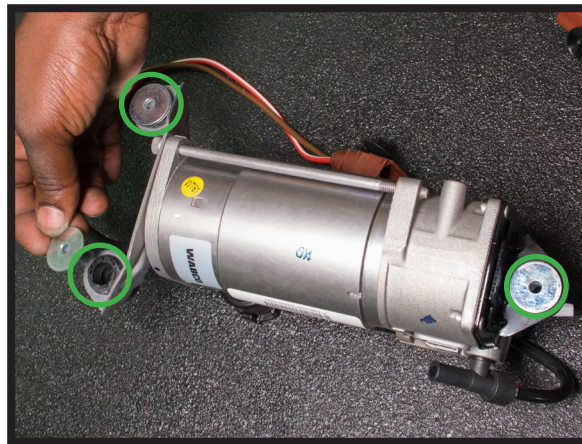


FIGURE 12

2. INSTALL THE COMPRESSOR INTO THE VEHICLE. (FIGURE 13)

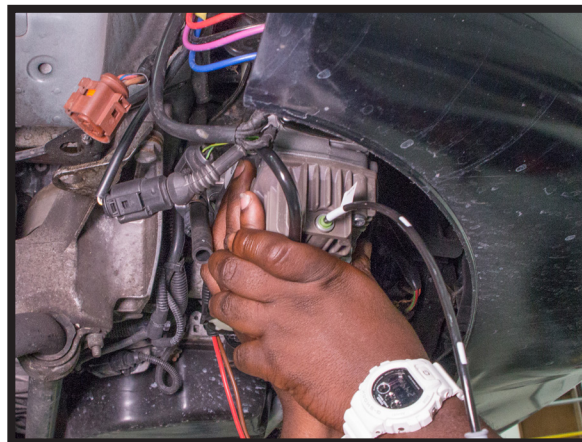


FIGURE 13



3. INSTALL THE SPRING WASHERS ONTO THE COMPRESSOR MOUNTING STUDS.  
(FIGURES 14, 15)



FIGURE 14

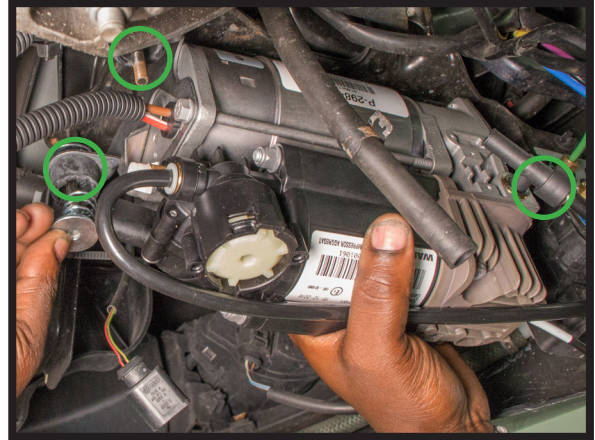


FIGURE 15

4. INSTALL THE NUTS ONTO THE SPRING WASHERS AND TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURE 16, 17)

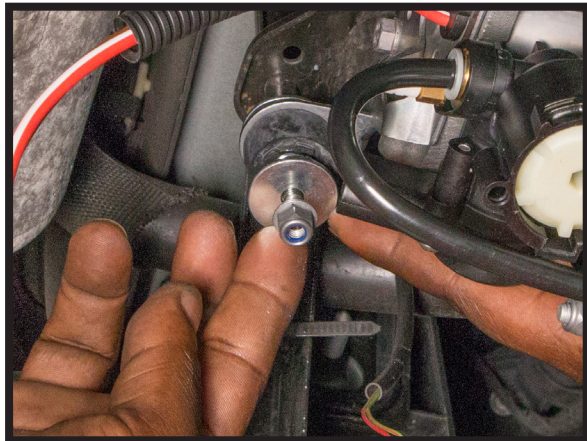


FIGURE 16

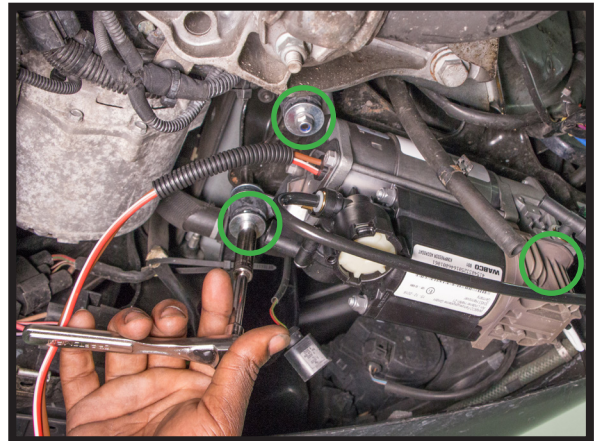


FIGURE 17



5. CONNECT THE AIR HOSE AND REINSTALL THE AIR HOSE CLAMP. (FIGURES 18, 19)



FIGURE 18

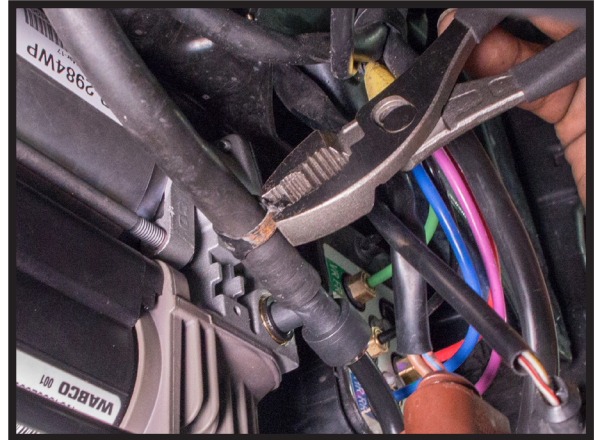


FIGURE 19

6. RECONNECT THE THREE ELECTRICAL CONNECTORS TO THE COMPRESSOR. (FIGURES 20, 21, 22)



FIGURE 20

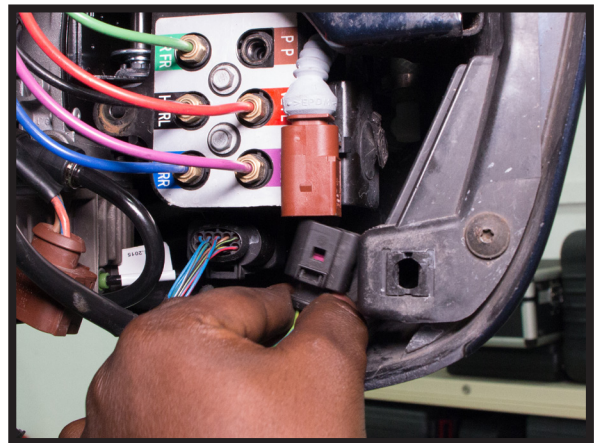


FIGURE 21



FIGURE 22

7. INSTALL THE AIR LINE FITTINGS AND TORQUE TO 2 N.M. INSTALL THE AIR LINE BETWEEN THE COMPRESSOR AND VALVE BLOCK, AS INDICATED IN STEP 8. (FIGURES 23, 24, 25)

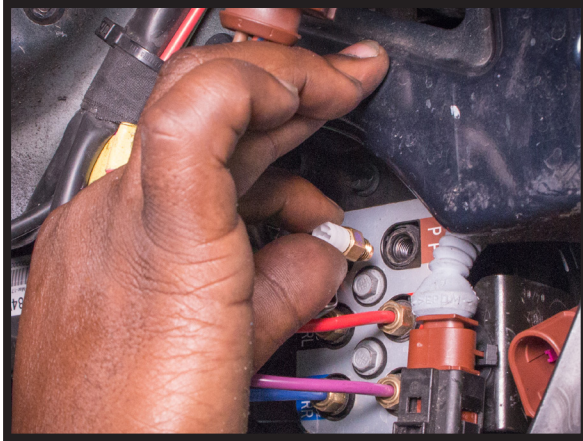


FIGURE 23



FIGURE 24



FIGURE 25

8. REMOVE THE PLASTIC PIN AND INSERT THE AIR LINE INTO THE VOSS FITTING. GENTLY PULL OUTWARD TO ENSURE A SECURE CONNECTION. (FIGURES 26, 27, 28, 29)



FIGURE 26

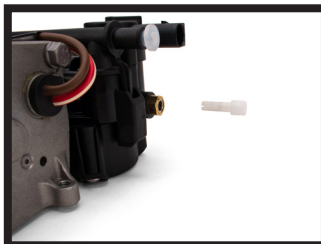


FIGURE 27

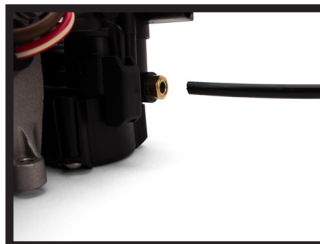


FIGURE 28

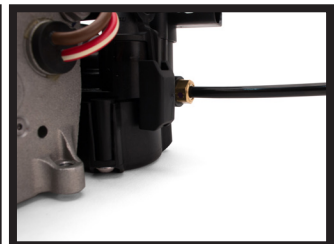


FIGURE 29

9. INSTALLATION COMPLETE.





## WARNING



### **CRACKED AIR SPRINGS MUST BE CHANGED TO VALIDATE THE WARRANTY ON THE COMPRESSOR**

PLEASE READ ADDITIONAL WARRANTY INFORMATION ON THE BACK OF YOUR INVOICE



### **PROPER PROCEDURE FOR ASSESSING YOUR AIR SPRINGS CONDITION:**

1. TURN OFF AIR SUSPENSION SWITCH IF EQUIPPED.
2. REFER TO OWNER'S MANUAL FOR PROPER LIFTING TECHNIQUES AND JACKING POINTS.
3. RAISE THE VEHICLE.
4. INSPECT AIR SPRINGS FOR ANY TYPE OF CRACKS OR EXCESSIVE WEAR. CRACKS IN AIR SPRINGS ARE EVIDENT IF THEY ARE LEAKING. THIS WILL CAUSE THE COMPRESSOR TO OVERHEAT FROM CONTINUOUS OPERATION.

Arnott<sup>®</sup> is committed to the quality of its products. If you have a question or problem with any Arnott product, please contact Arnott by calling [800-251-8993](tel:800-251-8993) during normal business hours or email [techassistance@arnottinc.com](mailto:techassistance@arnottinc.com)