

# Installation Manual

**AS-3130  
ARNOTT  
NEW REAR LEFT EIBACH AIR STRUT  
2003-2019 BENTLEY CONTINENTAL GT,  
FLYING SPUR & 2003-2006 VW PHAETON (D1)**



Congratulations on your purchase of an Arnott® air suspension product. We at Arnott 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.

Arnott® 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** during normal business hours or email [techassistance@arnottinc.com](mailto:techassistance@arnottinc.com).

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## 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.*

## **DISCLAIMER:**

THE PRODUCT SHOWN IN THE INSTALLATION STEPS BELOW MAY LOOK DIFFERENT THAN THE PART YOU ARE INSTALLING. THE INSTALLATION STEPS ARE THE SAME AND ALL NOTICES AND WARNINGS SHOULD BE ADHERED TO IN THE SAME MANNER.

## AIR STRUT REMOVAL

1. SET STEERING TO STRAIGHT AHEAD.
2. RAISE VEHICLE.
3. REMOVE APPLICABLE REAR WHEEL. (FIGURE 1)



FIGURE 1

4. REMOVE FENDER WELL COVER TO ACCESS THE REAR STRUT. (FIGURES 2, 3)



FIGURE 2



FIGURE 3

5. LOCATE AND DISCONNECT THE ELECTRICAL CONNECTOR. (FIGURES 4, 5)

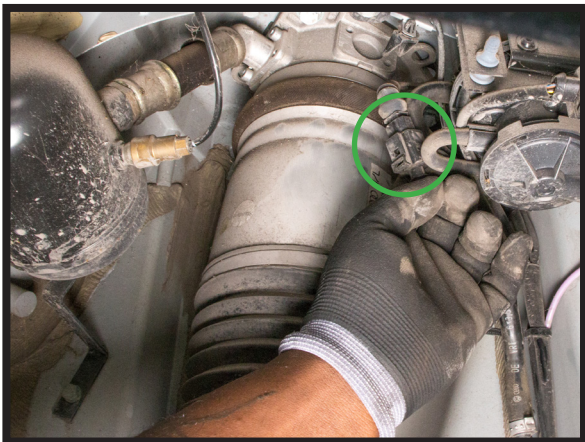


FIGURE 4



FIGURE 5

6. DISCONNECT AIR LINE FROM VOSS FITTING. (FIGURES 6, 7)

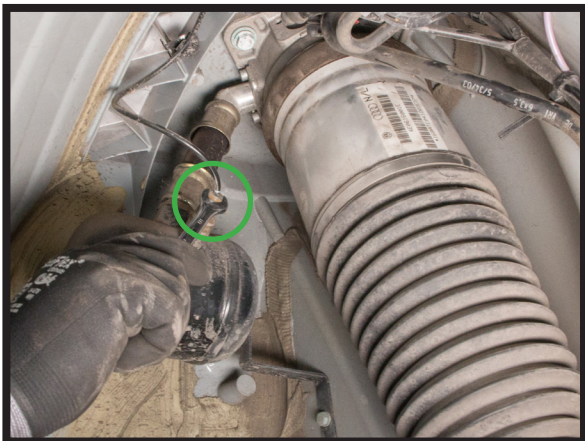


FIGURE 6



FIGURE 7

7. REMOVE (2) NUTS SECURING RESERVOIR BRACKETS TO VEHICLE. (FIGURE 8)



FIGURE 8

8. REMOVE (3) TOP BOLTS SECURING STRUT TO VEHICLE. (FIGURE 9)

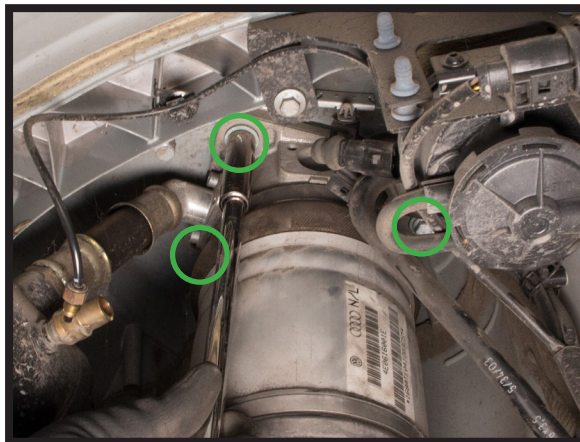


FIGURE 9

9. REMOVE BOTTOM STRUT BOLT. (FIGURE 10)

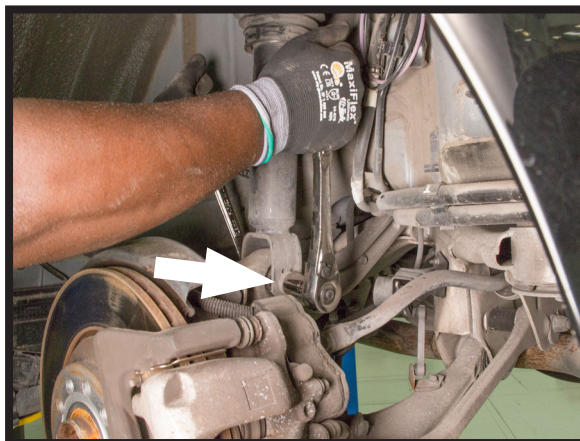


FIGURE 10

10. DISCONNECT THE BRAKE LINE BRACKET AND RIDE HEIGHT SENSOR. (FIGURE 11, 12)



FIGURE 11

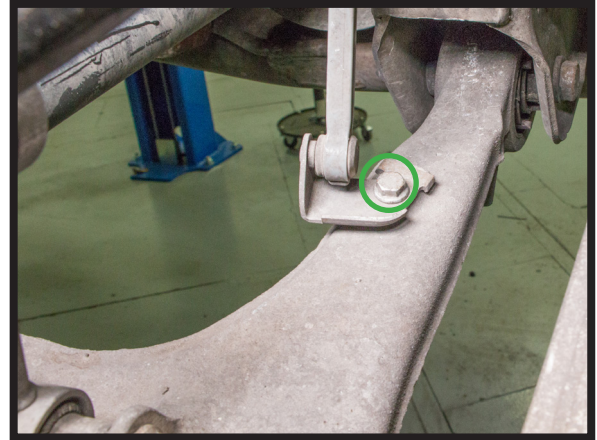


FIGURE 12

11. REMOVE SWAY BAR BOLT. (FIGURES 13, 14)

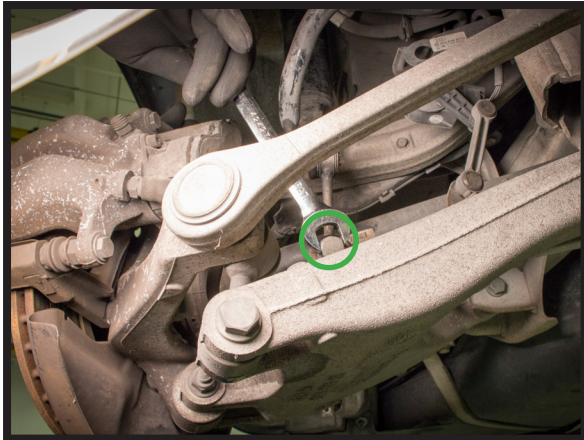


FIGURE 13

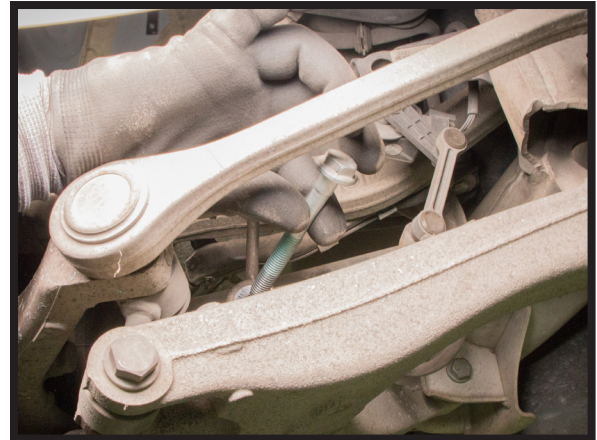


FIGURE 14

12. USING A BREAKER BAR FOR LEVERAGE, LIFT STRUT UP AND OVER THE UPPER CONTROL ARM. (FIGURE 15)



FIGURE 15

13. REMOVE STRUT FROM VEHICLE. (FIGURE 16)



FIGURE 16

14. REMOVAL COMPLETE.

## AIR STRUT INSTALLATION



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



*Do not remove the air fitting from the air strut. Doing so may cause damage and/or void warranty.*

1. INSTALLATION IS IN THE REVERSE ORDER OF AIR STRUT REMOVAL.  
ADHERE TO ALL MANUFACTURE'S SPECIFICATIONS FOR TORQUE VALUES.