

# Installation Manual

AS-2776  
ARNOTT LEFT FRONT AIR STRUT  
AUDI A8 (D3)



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.*

## GENERAL INFORMATION:

- 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 STRUT REMOVAL

1. SET STEERING TO STRAIGHT AHEAD.
2. LIFT VEHICLE AND REMOVE WHEEL. (FIGURE 10-1)



FIGURE 10-1

3. LOCATE THE SHOCK, LOOSEN AND REMOVE THE AIR LINE. REMOVE THE AIR LINE FITTING FROM THE AIR HOSE AND DISCARD. REFERENCE TECHNICAL SERVICE BULLETIN PROVIDED WITH OUR PRODUCT FOR PROPER FITTING USAGE. (FIGURE 10-2)



FIGURE 10-2

4. LOOSEN AND REMOVE THE UPPER CONTROL ARM BOLT. REMOVE UPPER ARMS FROM SPINDLE ASSEMBLY. (FIGURES 10-3, 10-4)



FIGURE 10-3



FIGURE 10-4

5. LOOSEN AND REMOVE THE LOWER SHOCK ARM BOLTS. (FIGURE 10-5)



FIGURE 10-5

6. RAISE THE HOOD AND REMOVE APPLICABLE TRIM PANELING TO GAIN ACCESS TO THE FRONT SHOCK TOWERS.
7. LOCATE AND REMOVE WIRE HARNESS FROM MOUNTING BRACKET. (FIGURE 10-6)



FIGURE 10-6

8. DISCONNECT THE ELECTRICAL CONNECTION. (FIGURE 10-7)



FIGURE 10-7

9. LOOSEN AND REMOVE THE THREE UPPER SHOCK MOUNTING BOLTS. (FIGURE 10-8)



FIGURE 10-8



10. NOW FROM THE BOTTOM SIDE, SLIDE THE SHOCK OVER THE LOWER CONTROL ARM. REMOVE SHOCK SLOWLY FROM MOUNT AREA. (FIGURE 10-9)



FIGURE 10-9

11. CAREFULLY GUIDE THE WIRE THROUGH THE HOLE WHILE REMOVING THE SHOCK. (FIGURE 10-10)



FIGURE 10-10

12. LOOSEN AND REMOVE (4) TOP MOUNTING BOLTS FROM SHOCK. (FIGURE 10-11)



FIGURE 10-11

13. REMOVE THE TOP SECTION. (FIGURE 10-12)



FIGURE 10-12

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. Remove the white shipping pin from the new air fitting and insert the air line until fully seated.*

1. INSTALLATION IS IN THE REVERSE ORDER OF AIR STRUT REMOVAL.