



INSTALLATION MANUAL

AS-3031

**Arnott New Rear Left Air Strut
Audi A8 (D3 Chassis, w/o Sport Suspension)**



Engineered to Ride, Built to Last®

CONGRATULATIONS ON YOUR PURCHASE OF AN ARNOTT® SUSPENSION PRODUCT

WE AT ARNOTT LLC ARE PROUD TO OFFER A HIGH QUALITY PRODUCT WITH ALL THE TECHNICAL SUPPORT YOU NEED. 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 and certified automotive 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.

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 and www.arnotteurope.com.



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.

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

For vehicles with a "Closed Air Supply System," replacement of components requires proper adherence to procedures set forth within OE servicing literature. Failure to comply with the OE prescribed procedures can result in component damage and/or failure.

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)

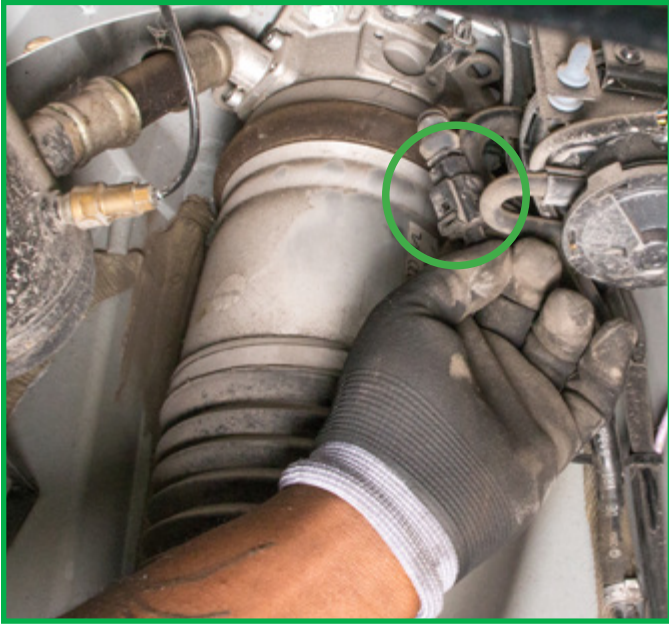


FIGURE 4



FIGURE 5

6. Disconnect air line from VOSS fitting. (Figures 6, 7)



FIGURE 6

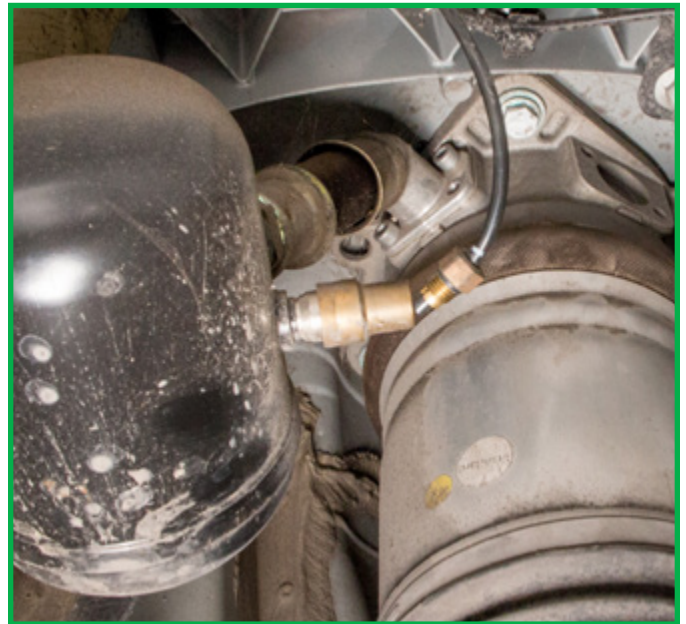


FIGURE 7

7. Remove (2) nuts securing reservoir brackets to vehicle. (Figure 8)



FIGURE 8

8. Remove (3) top bolts securing strut to vehicle. (Figure 9)

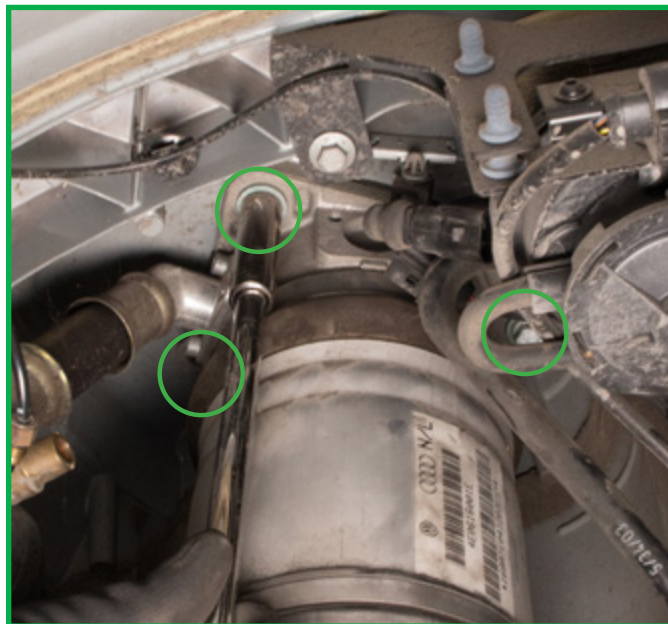


FIGURE 9

9. Remove bottom strut bolt. (Figure 10)



FIGURE 10

10. Disconnect the brake line bracket and ride height sensor. (Figures 11, 12)



FIGURE 11

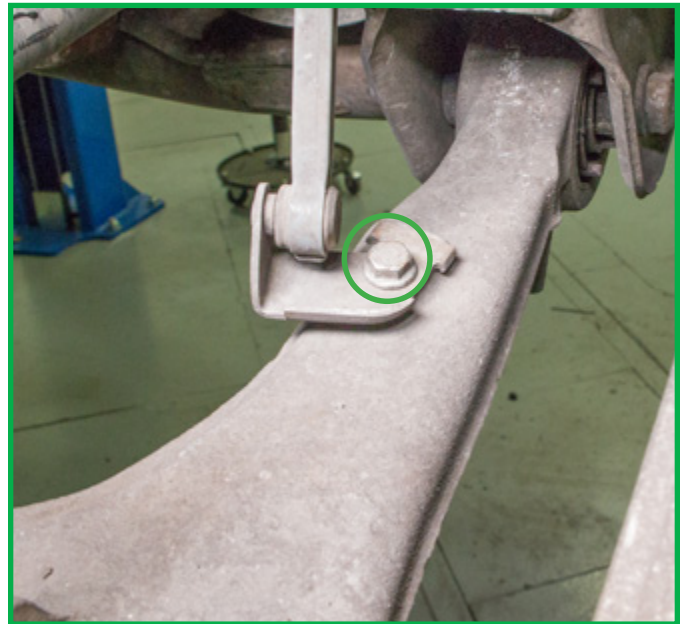


FIGURE 12

11. Remove sway bar bolt. (Figures 13, 14)

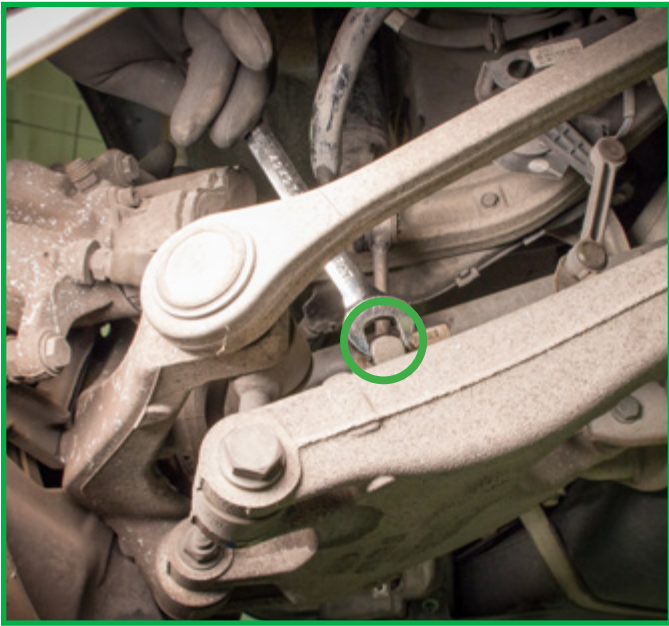


FIGURE 13

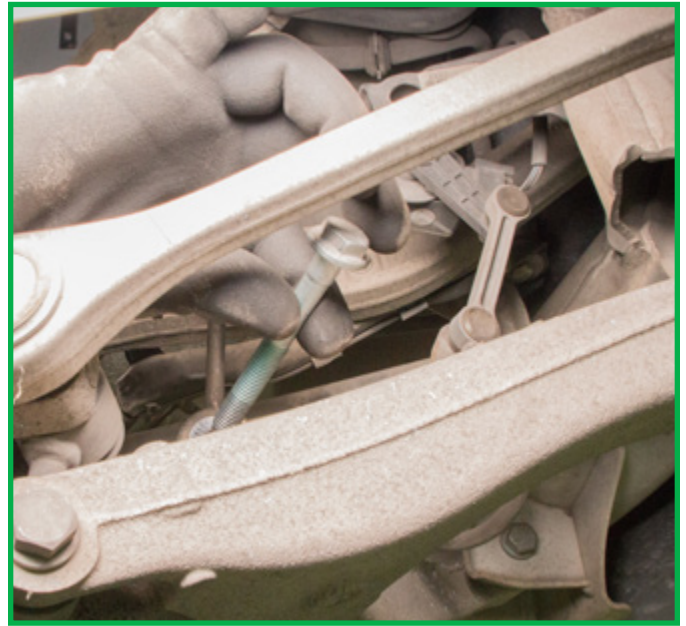


FIGURE 14

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)

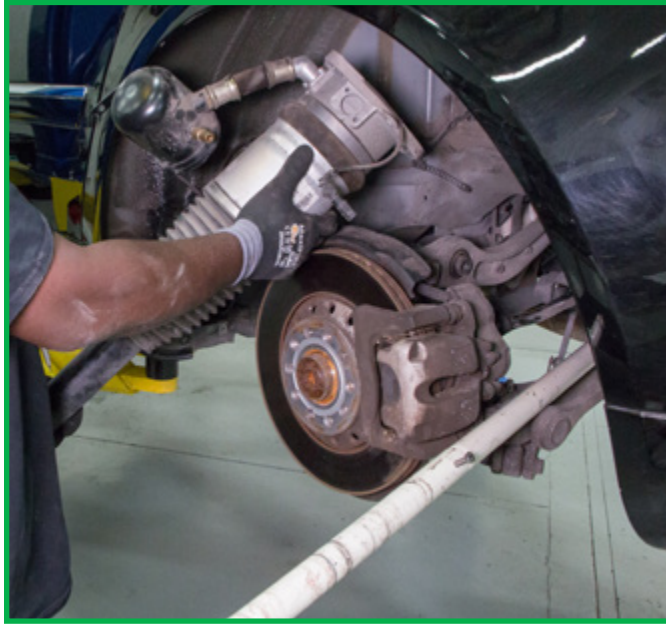


FIGURE 16

14. Removal complete.

AIR STRUT INSTALLATION



WARNING:

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



WARNING:

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 manufacturer's specifications for torque values.

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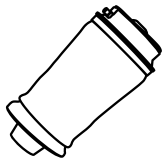
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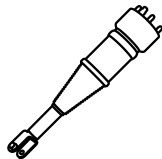
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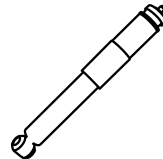
Email: info@arnotteurope.com



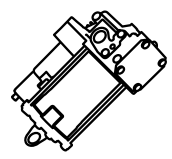
Air Springs



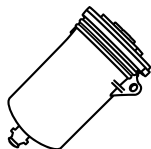
Struts



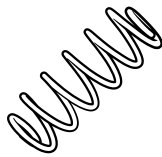
Shocks



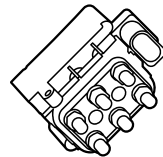
Compressors



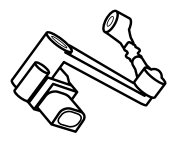
Dryers



Coil Spring
Conversion Kits



Valve Blocks



Ride Height
Sensors