

INSTALLATION MANUAL

SK-3561 Arnott New Rear Left Air Shock Audi A6/S6 (C6)



Engineered to Ride, Built to Last®

CONGRATULATIONS ON YOUR PURCHASE OF AN ARNOTT® AIR 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.

This vehicle contains 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.

REAR SHOCK REMOVAL

1. Raise vehicle and remove the rear left wheel. (Figure 1)



FIGURE 1

2. Remove the wheel well liner. (Figures 2, 3)



FIGURE 2



FIGURE 3

NOTE:

The air pressure in the rear air spring must be released prior to removal of the shock. Follow the vehicle manufacturer's specifications for deflating the air spring to ensure a successful installation of the new Arnott shock and to avoid damage to the air suspension system.

3. Deflate the rear air spring per vehicle manufacturer's specifications.
4. Disconnect the electrical connection to the shock. (Figure 4)



FIGURE 4

5. Remove the two (2) top mount bolts. (Figure 5)



FIGURE 5

6. Remove the bottom mount bolt. (Figures 6, 7)

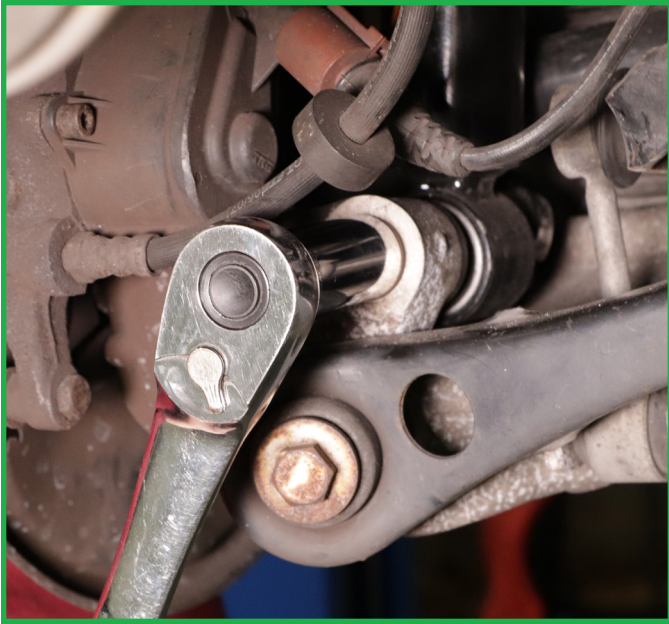


FIGURE 6

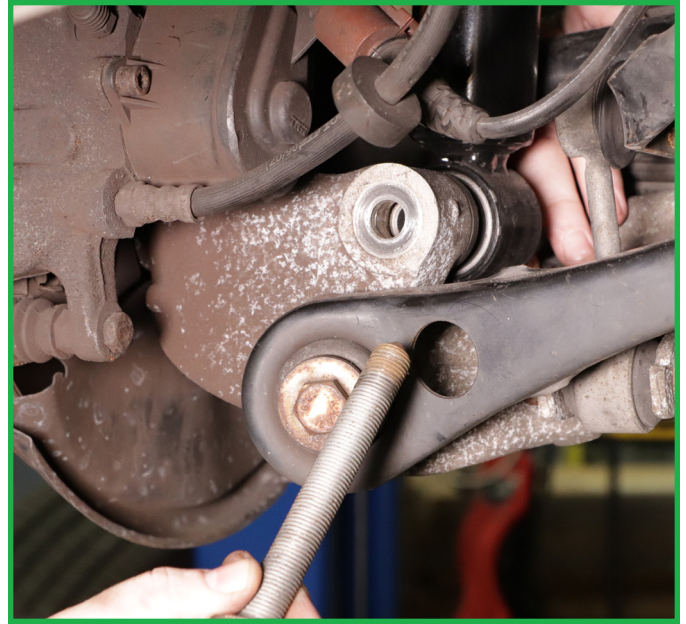


FIGURE 7

7. Remove the old shock from the vehicle. (Figure 8)

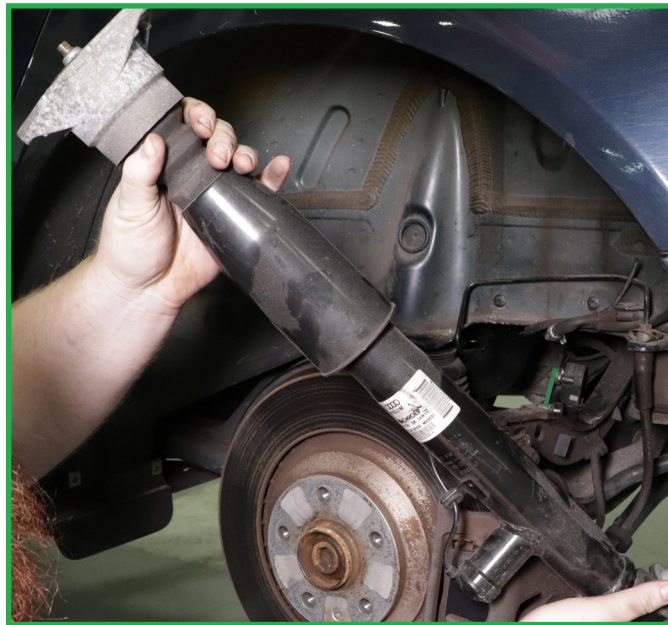


FIGURE 8

8. Removal complete.

REAR SHOCK INSTALLATION



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

1. Install the new Arnott shock. (Figure 9)



FIGURE 9

2. Install the lower shock mount bolt. Tighten to manufacturer's specifications. (Figures 10, 11)



FIGURE 10



FIGURE 11

3. Install the two (2) top mount bolts. Tighten to manufacturer's specifications. (Figure 12)

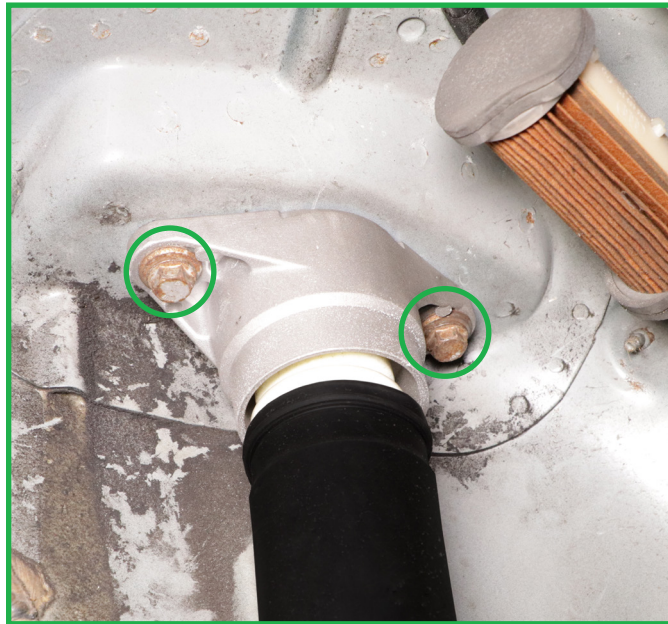


FIGURE 12

4. Connect the vehicle electrical connection to the shock. (Figures 13, 14)



FIGURE 13



FIGURE 14

NOTE: Follow the vehicle manufacturer's specifications for inflating the air spring to ensure a successful installation of the new Arnott shock and to avoid damage to the air suspension system.

- Inflate the rear air spring per vehicle manufacturer's specifications.
- Reinstall the wheel well liner. (Figures 15, 16)



FIGURE 15



FIGURE 16

- Reinstall the rear left wheel and lower vehicle.
- Installation complete.

Arnott®

Air Suspension Products

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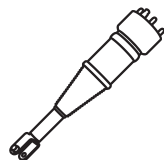
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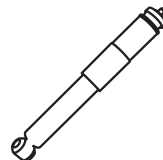
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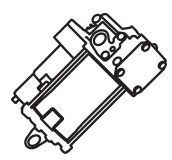
Air Springs



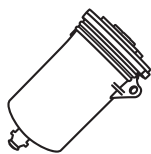
Struts



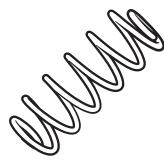
Shocks



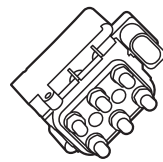
Compressors



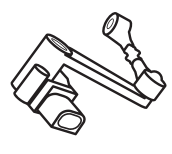
Dryers



**Coil Spring
Conversion Kits**



Valve Blocks



**Ride Height
Sensors**