



# INSTALLATION MANUAL

## ASE-5692 Arnott New eRide Front Electronic Air Strut Audi S6/S7 (C8/4K8)



**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.arnottsuspension.com](http://www.arnottsuspension.com) and [www.arnotteurope.com](http://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 the steering to straight ahead.
2. Lift the vehicle according to the manufacturer's instructions.
3. Deflate and disable the air suspension system according to the manufacturer's instructions.
4. Disconnect the electrical connection at the top of the strut from within the engine bay. (Figures 1, 2)



FIGURE 1



FIGURE 2

5. Remove the applicable front wheel. (Figure 3)



FIGURE 3

6. Disconnect the air line by unscrewing the fitting. (Figures 4, 5) Unroute the air line from any clips and move aside to prevent damage during the removal and installation process. (Figure 6)



FIGURE 4



FIGURE 5

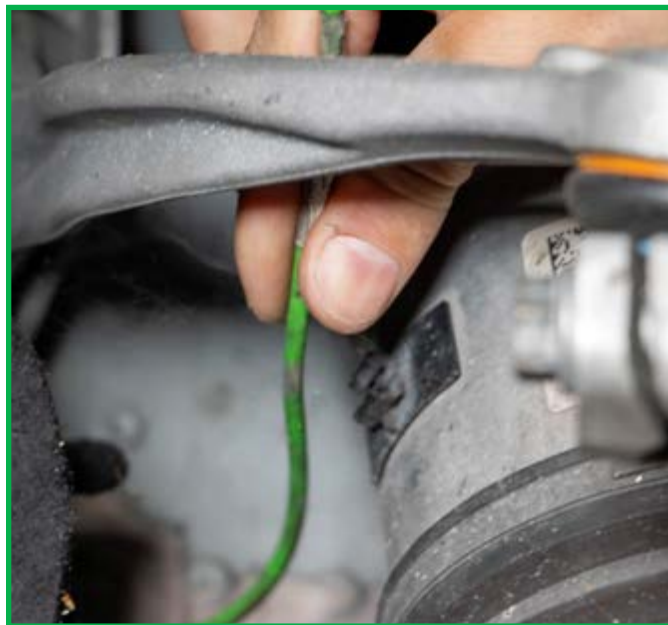


FIGURE 6

7. Remove the bolt securing the ride height sensor to the lower control arm. Carefully move the height sensor arm out of the way to prevent damage during the removal and installation process. (Figures 7, 8)



FIGURE 7



FIGURE 8

8. Remove the bolt to disconnect the upper control arms from the knuckle. (Figures 9, 10)

**NOTE:** Use an appropriate jack to support the axle during the removal and installation process.

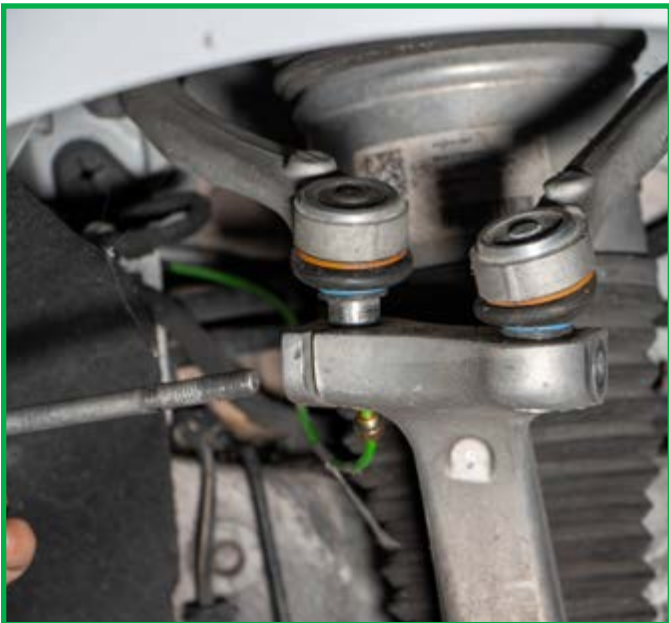


FIGURE 9

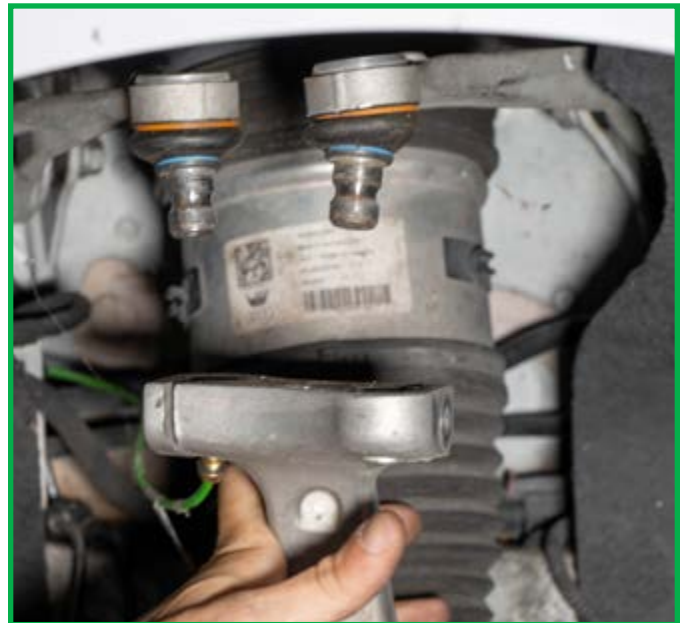


FIGURE 10

9. Disconnect the sway bar link from the clevis. (Figures 11, 12)



FIGURE 11



FIGURE 12

10. Remove the bolt securing the clevis to the bottom of the strut. (Figures 13, 14)



FIGURE 13



FIGURE 14

11. Remove the bolt connecting the clevis to the lower control arm. (Figures 15, 16)



FIGURE 15



FIGURE 16

12. Use an appropriate wedge tool to spread the clevis and disconnect it from the bottom of the strut. (Figures 17, 18)



FIGURE 17



FIGURE 18

13. Remove trim if necessary to access the upper mounting bolts. Remove the three (3) upper mounting bolts at the top of the strut. (Figures 19, 20)

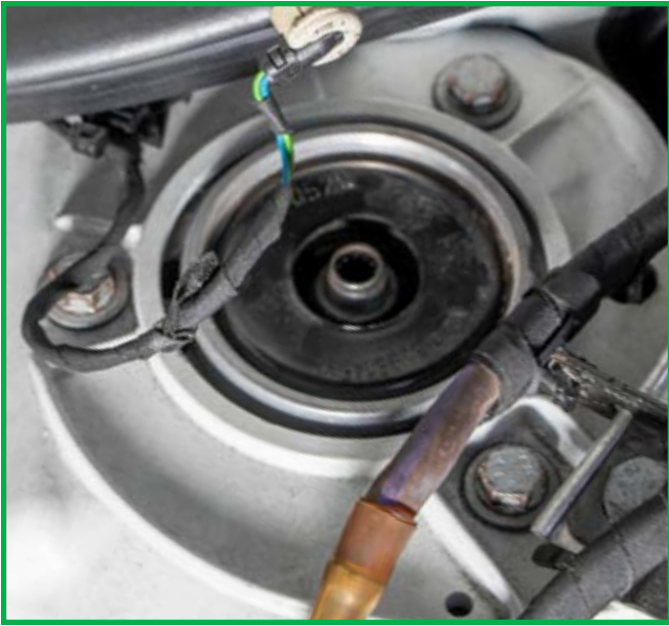


FIGURE 19

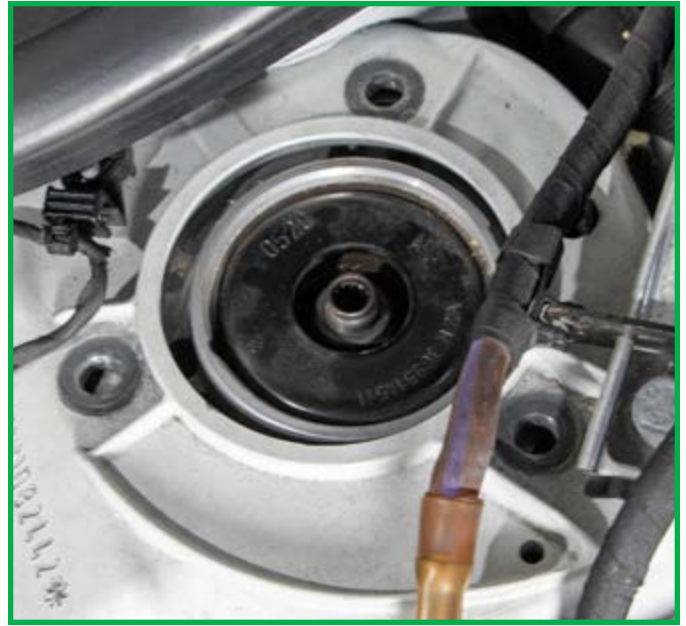


FIGURE 20

14. Remove the strut toward the front of the vehicle. (Figure 21)



FIGURE 21

15. Removal complete.

# eRIDE STRUT INSTALLATION

1. Position the strut into the vehicle. (Figure 22)



FIGURE 22

2. Loosely thread the three (3) upper mounting bolts, but do not tighten yet. (Figure 23)



FIGURE 23

3. Position the bottom of the strut into the clevis. Remove the wedge if still present. (Figure 24)



FIGURE 24

4. Install the bolt connecting the clevis to the lower control arm. (Figures 25, 26)



FIGURE 25

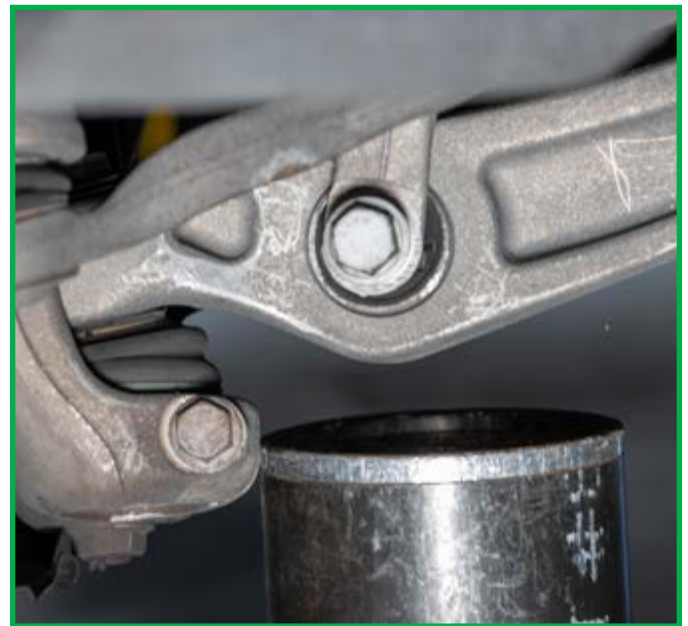


FIGURE 26

5. Install the bolt securing the clevis to the bottom of the strut. (Figure 27, 28)



FIGURE 27



FIGURE 28

6. Reconnect the sway bar link to the clevis. (Figures 29, 30)



FIGURE 29



FIGURE 30

7. Reinstall the bolt to reconnect the two upper control arms to the knuckle. (Figures 31, 32)



FIGURE 31



FIGURE 32

8. Reinstall the bolt to connect the ride height sensor arm to the lower control arm. (Figure 33)



FIGURE 33

9. Remove the cap from the gator valve (Figure 34). Install the air line, ensuring the fitting is secure. (Figure 35). Secure the air line to any routing clips (Figure 36).

**NOTE:** Scratches and/or deep cuts in the air line may result in leaks. Inspect the air line before installation. Replace the air line and/or fitting if either is damaged.

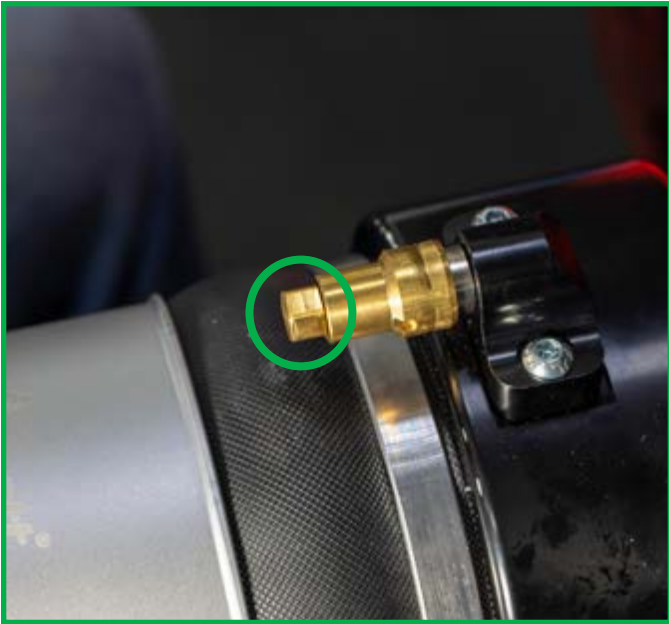


FIGURE 34



FIGURE 35

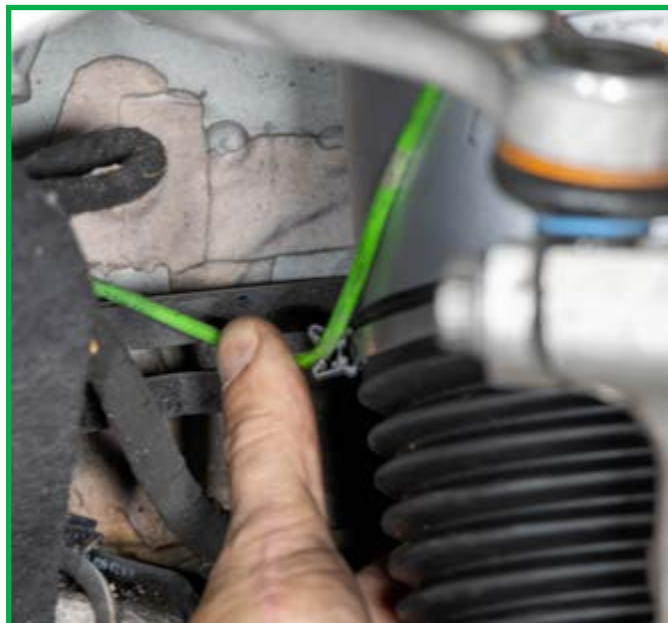


FIGURE 36

10. Tighten the upper mounting bolts to the manufacturer's specifications and plug in the electrical connector.



FIGURE 37

11. Enable and reinflate your air suspension system and lower your vehicle according to the manufacturer's instructions.
12. Installation complete.

## **A 4-WHEEL ALIGNMENT IS RECOMMENDED AFTER INSTALLATION**



### **HOW HELPFUL WAS THIS MANUAL?**

Scan the QR code or click the link below to let us know.

<https://bit.ly/41PgEl1>

### **NEED IMMEDIATE SUPPORT?**

We're happy to help! Reach out using the contact information listed.

# Arnott®

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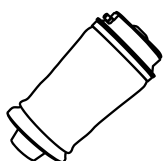
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**BE Phone:** +32 258 846 90

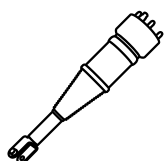
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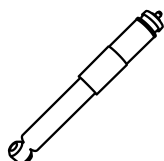
**Email:** [info@arnotteurope.com](mailto:info@arnotteurope.com)



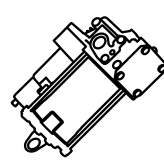
Air Springs



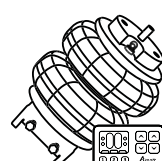
Struts



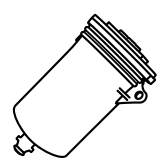
Shocks



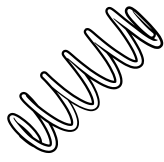
Compressors



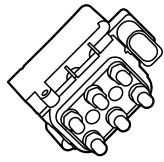
LCV Air Helper  
Spring Kits



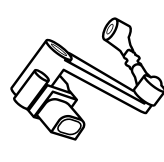
Dryers



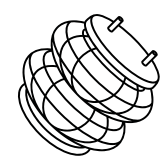
Coil Spring  
Conversion Kits



Valve Blocks



Ride Height  
Sensors



Pickup Truck Air  
Helper Springs