



INSTALLATION MANUAL

SKE-5690

**Arnott New eRide Rear Electronic Shock
Audi S6/S7 (C8/4K8), A6 allroad (C8)**



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 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.

REAR SHOCK REMOVAL

1. Raise the vehicle.
2. Disable the air suspension system and deflate the applicable air spring in accordance with the manufacturer's instructions.
3. Remove the applicable rear wheel.
4. Place an appropriate jack stand under the applicable rear axle. (Figure 1)



FIGURE 1

5. Disconnect the electrical connection at the top of the shock. (Figure 2)



FIGURE 2

6. Remove the upper control arm bolt and the lower control arm bolt. (Figure 3)

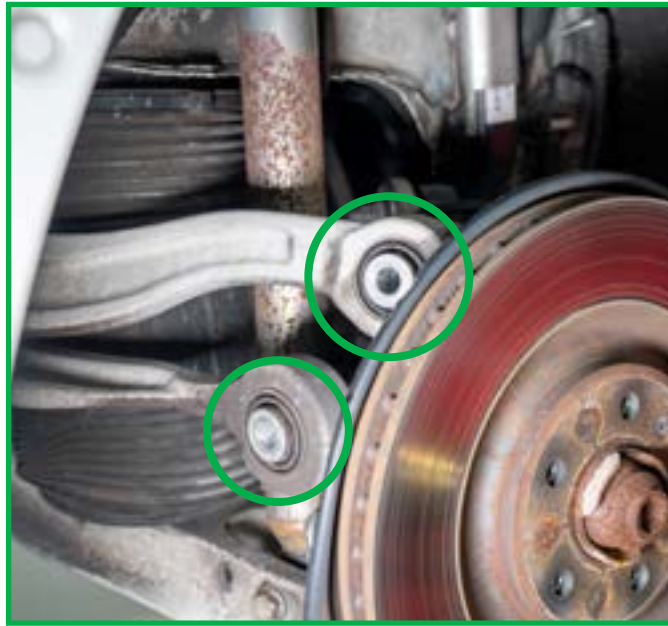


FIGURE 3

7. Remove the lower shock mount bolt. (Figure 4)

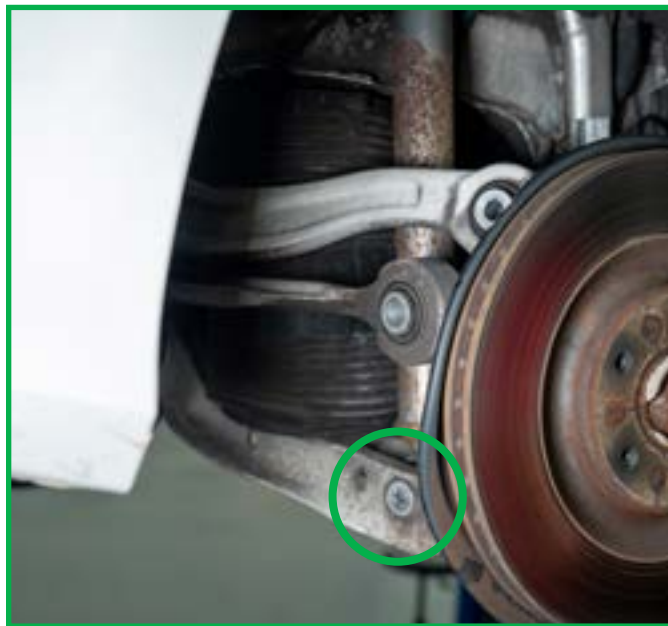


FIGURE 4

8. Remove the two (2) upper mount bolts. (Figure 5)



FIGURE 5

9. Remove the shock by lowering it through the lower control, toward the bottom axle. (Figures 6, 7)



FIGURE 6



FIGURE 7

10. Removal is complete.

ELECTRICAL REROUTE

1. Remove the electrical cap from the top of the removed shock. (Figure 8)



FIGURE 8

2. Unroute the electrical wiring and remove the old connector. (Figures 9, 10)



FIGURE 9

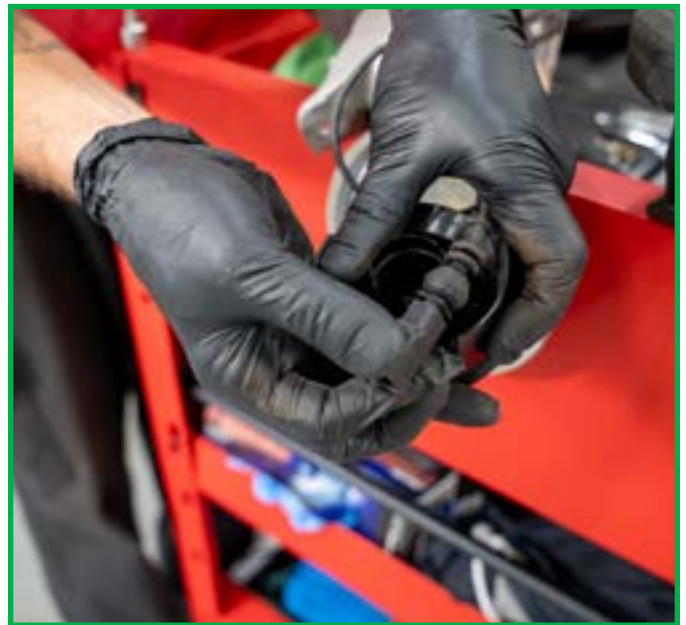


FIGURE 10

3. Insert the new connector into the cap and route the electrical wiring as shown. (Figures 11, 12)



FIGURE 11



FIGURE 12

4. Attach the electrical cap to the new eRide shock. (Figure 13)



FIGURE 13

5. Electrical reroute is complete.

eRIDE REAR SHOCK INSTALLATION



WARNING:

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

1. Position the new eRide shock into the vehicle from the bottom up, through the lower control, as shown. (Figures 14, 15, 16)



FIGURE 14



FIGURE 15



FIGURE 16

2. Reinstall the two (2) upper mount bolts. (Figure 17)



FIGURE 17

3. Reinstall the lower shock mount bolt. (Figure 18)



FIGURE 18

4. Reinstall the upper control arm bolt and the lower control arm bolt. (Figures 19, 20)



FIGURE 19



FIGURE 20

5. Reconnect the electrical connection and tuck it away. (Figures 21, 22)



FIGURE 21



FIGURE 22

6. Enable the air suspension and inflate the applicable air spring in accordance with the manufacturer's instructions.
7. Reinstall the applicable rear wheel.
8. Installation complete.

Arnott®

Suspension Products

Arnott US Business Office:

www.arnottsuspension.com

100 Sea Ray Drive
Merritt Island, FL 32953

Call: 800.251.8993
321.868.3016

Fax: 321.868.3703

Email: techassistance@arnottinc.com

Arnott Europe Business Office:

www.arnotteurope.com

Industrieweg 19
5145 PD, Waalwijk (NL)

NL Phone: +31 73 7850 580

DE Phone: +31 85 2087 438

UK Phone: +44 203 3186 124

BE Phone: +32 258 846 90

ES Phone: +34 91 901 10 56

FR Phone: +32 78 48 46 93

Email: info@arnotteurope.com



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<https://bit.ly/3NSsnC3>

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