



INSTALLATION MANUAL

SKE-4356

**Arnott New eRide Front Electronic Strut
Audi SQ5 (FY) w/ Standard 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.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.

STRUT REMOVAL

NOTE: Use an appropriate jack to support the lower control arm and knuckle. Adjust as needed during the removal and installation process.

1. Raise the vehicle.
2. Remove the front wheel. (Figure 1)



FIGURE 1

3. Remove the bolt connecting the ride height sensor to the lower control arm. Move the ride height sensor out of the way to prevent damage. (Figures 2, 3)



FIGURE 2



FIGURE 3

4. From within the engine bay, disconnect the electrical connector from the top of the strut. (Figure 4)



FIGURE 4

5. Disconnect the upper control arms from the knuckle by removing the bolt. (Figures 5, 6)



FIGURE 5



FIGURE 6

6. Remove the bolt that connects the sway bar to the clevis. (Figures 7, 8)



FIGURE 7



FIGURE 8

7. Remove the strut pinch bolt from the clevis. (Figures 9, 10)



FIGURE 9



FIGURE 10

8. Remove the clevis-to-lower-control-arm bolt. (Figures 11, 12)



FIGURE 11



FIGURE 12

9. Use an appropriate spreader tool to spread the clevis and remove the clevis from the bottom of the strut. (Figure 13)



FIGURE 13

10. Remove the tower brace bolts to gain access to the upper strut mounting bolts. (Figure 14)



FIGURE 14

11. Remove the three (3) upper mounting bolts, holding onto the strut from below so it does not fall. (Figure 15)

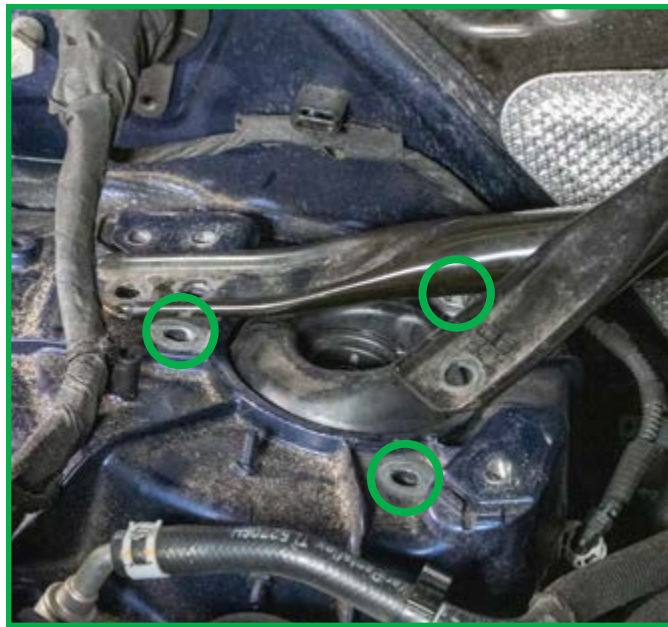


FIGURE 15

12. Remove the strut from the vehicle. (Figure 16)



FIGURE 16

NEW eRIDE ELECTRONIC STRUT INSTALLATION



WARNING:

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

1. Position the strut into the vehicle with the label facing forward. (Figure 17)



FIGURE 17

2. Loosely thread on the three upper mounting bolts by hand to support the strut, but do not tighten yet. (Figure 18)



FIGURE 18

3. Place the clevis onto the bottom of the strut and remove the spreader tool. (Figure 19)



FIGURE 19

4. Install the clevis to the lower control arm bolt. (Figure 20)

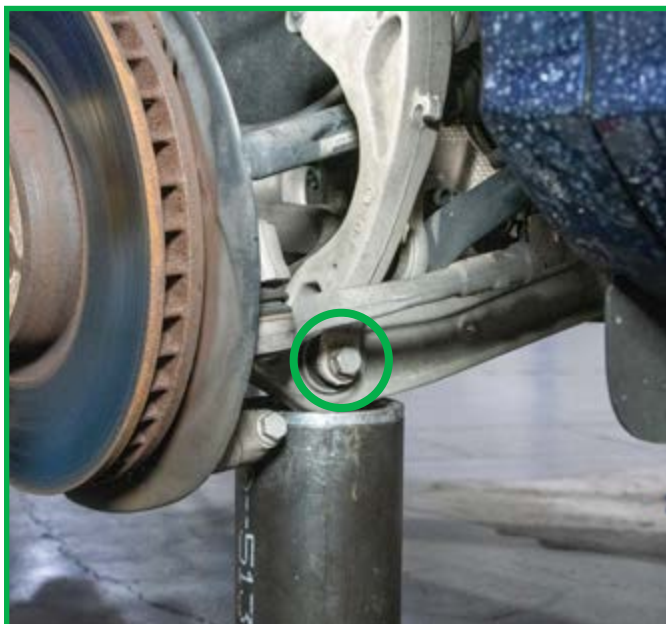


FIGURE 20

5. Install the bolt that secures the clevis to the strut. (Figure 21)



FIGURE 21

6. Install the bolt to reattach the sway bar to the clevis. (Figure 22)



FIGURE 22

7. Reconnect the upper control arms to the knuckle. (Figures 23, 24)



FIGURE 23



FIGURE 24

8. Tighten the three (3) upper mounting bolts according to the manufacturer's specifications. (Figure 25)



FIGURE 25

9. Reinstall the tower brace bolts. (Figure 26)



FIGURE 26

10. Remove the shipping cap and install the electrical connector, aligning the tabs appropriately. (Figures 27, 28).



FIGURE 27



FIGURE 28

11. Reattach the ride height sensor to the lower control arm. (Figure 29)



FIGURE 29

12. Tighten all nuts and bolts to the manufacturer's specifications. (Figure 30)



FIGURE 30

13. Reinstall the front wheel.

14. Lower the vehicle.

15. New eRide electronic strut installation complete.

Arnott®

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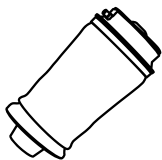
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BE Phone: +32 258 846 90

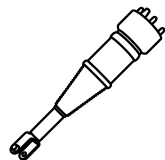
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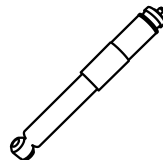
Email: info@arnotteurope.com



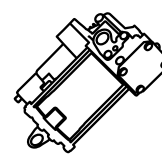
Air Springs



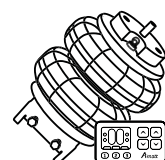
Struts



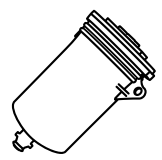
Shocks



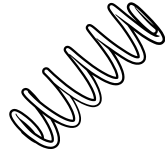
Compressors



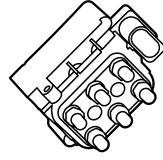
LCV Air Helper
Spring Kits



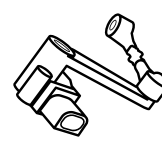
Dryers



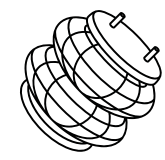
Coil Spring
Conversion Kits



Valve Blocks



Ride Height
Sensors



Pickup Truck Air
Helper Springs