



# INSTALLATION MANUAL

## SKE-3830 Arnott New Rear eRide Electronic Shock Land Rover Discovery (L462 Chassis)



**Engineered to Ride, Built to Last<sup>®</sup>**

# 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](http://www.arnottinc.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.

## REAR SHOCK REMOVAL

1. Raise vehicle.
2. Remove applicable rear wheel.
3. Deflate air spring on applicable side per manufacturer's specifications.
4. Remove the interior trim in front of the third-row seat on the applicable side to gain access to the shock top mount nuts. (Figure 1)



FIGURE 1

5. Remove the three (3) top nuts from upper shock mount. Disconnect the electrical connector from the top of the shock. (Figure 2)

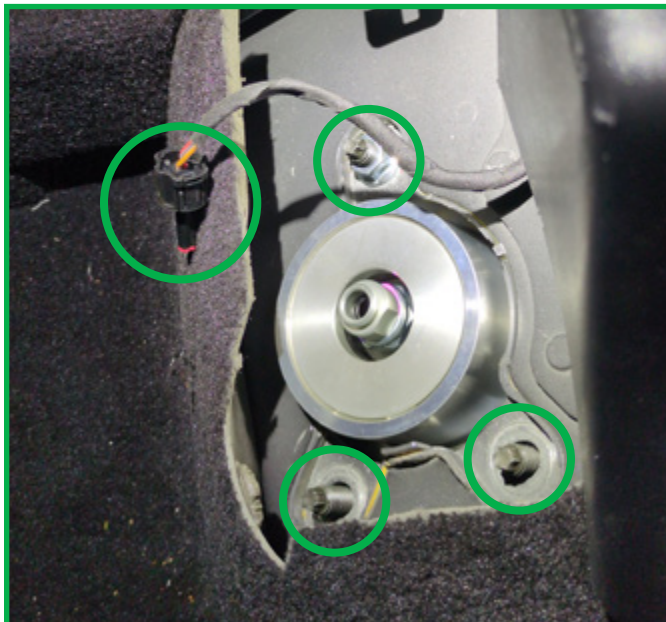


FIGURE 2

6. Remove the lower shock mount bolt. (Figure 3)



FIGURE 3

7. Remove the shock from vehicle. (Figure 4)



FIGURE 4

8. Removal complete.

# REAR SHOCK INSTALLATION



**WARNING:**

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

1. Install the new Arnott shock into the vehicle. Do not remove the retaining wire on the shock until instructed to do so. Loosely thread one of the included top mount nuts to hold the shock in place. (Figures 5, 6, 7)



FIGURE 5

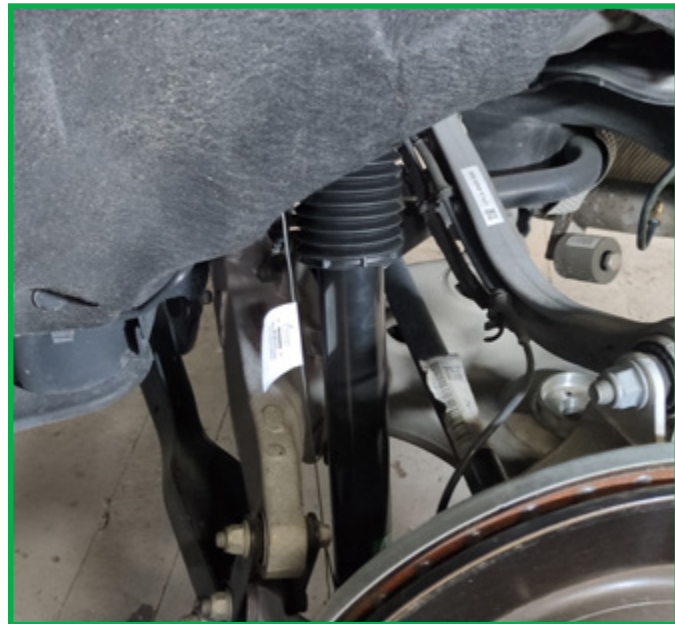


FIGURE 6

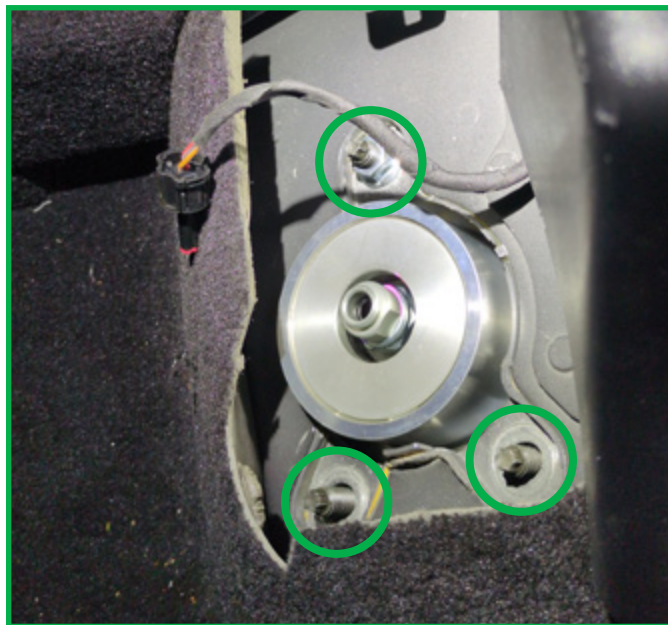


FIGURE 7

2. Use an appropriate jack to lift the wheel hub to where the lower shock bolt can be installed. Install the lower shock bolt. The retaining wire can now be removed. Remove the retaining wire bolt in the top mount. (Figure 8)



FIGURE 8

3. Use the jack to position the wheel hub to normal trim height. Tighten all hardware to manufacturer's specifications. Install the electrical connector at the top of the shock. Ensure that the connector is properly aligned to the keyway to prevent damage to the connector. (Figure 9)

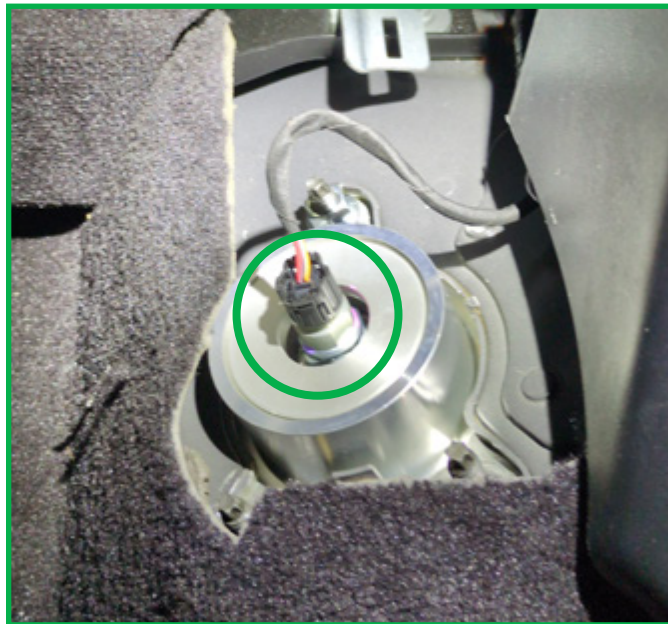


FIGURE 9

4. Reassemble the interior trim.
5. Inflate applicable air spring(s) per manufacturer's specifications.
6. Reinstall applicable rear wheel.
7. Lower vehicle.
8. Installation complete.

# Arnott®

## Suspension Products

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**Email:** [techassistance@arnottinc.com](mailto:techassistance@arnottinc.com)

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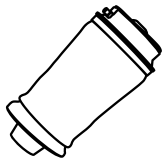
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**BE Phone:** +32 258 846 90

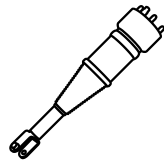
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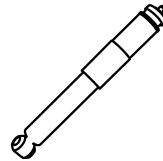
**Email:** [info@arnotteurope.com](mailto:info@arnotteurope.com)



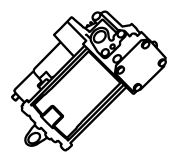
Air Springs



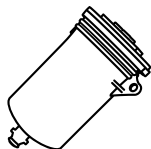
Struts



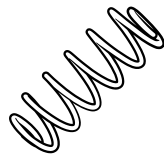
Shocks



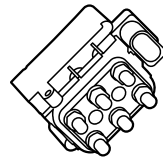
Compressors



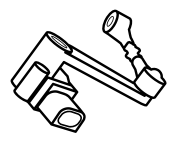
Dryers



Coil Spring  
Conversion Kits



Valve Blocks



Ride Height  
Sensors