

# Installation Manual

SK-3386  
ARNOTT  
NEW REAR SHOCK  
2014-2018  
LAND ROVER RANGE ROVER SPORT (L494)  
W/ACTIVE SUSPENSION - LT/RT



Congratulations on your purchase of an Arnett® air suspension product. We at Arnett Incorporated are proud to offer a high quality product at the industry's most competitive pricing. 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, ASE Certified, 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.

**"Engineered to Ride, Built to Last®"**



**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.*

Arnett® is committed to the quality of its products. If you have a question or problem with any Arnett product, please contact Arnett by calling [800-251-8993](tel:800-251-8993) during normal business hours or email [techassistance@arnottinc.com](mailto:techassistance@arnottinc.com). (In the EU please call +31 (0)73 7850 580 or email [info@arnotteurope.com](mailto:info@arnotteurope.com))

## 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).*

- 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.*

## REAR SHOCK REMOVAL

1. RAISE VEHICLE.
2. REMOVE APPLICABLE REAR WHEEL.
3. DEFLATE AIR SPRING ON APPLICABLE SIDE PER MANUFACTURER'S SPECIFICATIONS.
4. REMOVE REAR CARGO AREA TRIM TO ACCESS UPPER SHOCK MOUNTING NUTS. (FIGURE 1)

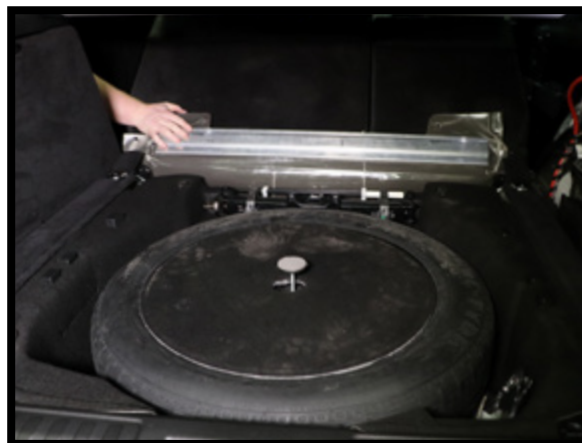


FIGURE 1

5. DISCONNECT ELECTRICAL CONNECTION. (FIGURE 2)

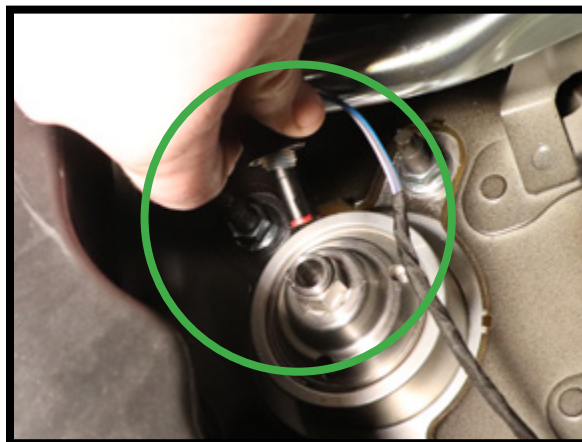


FIGURE 2

6. REMOVE THE THREE (3) TOP NUTS FROM UPPER SHOCK MOUNT. (FIGURE 3)

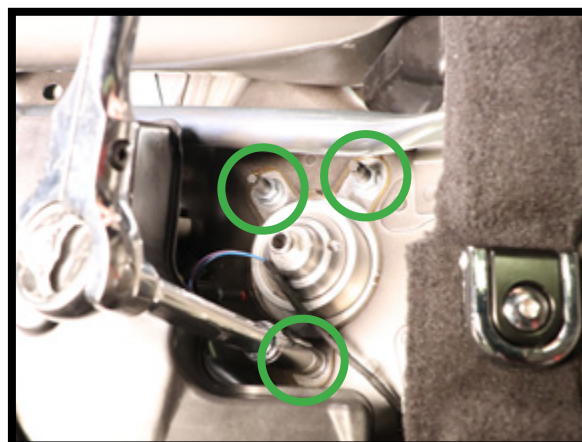


FIGURE 3

7. REMOVE THE LOWER SHOCK MOUNT BOLT. (FIGURE 4)



FIGURE 4

8. REMOVE THE SHOCK FROM VEHICLE. (FIGURE 5)



FIGURE 5

9. REMOVAL COMPLETE.

## REAR SHOCK INSTALLATION



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

1. INSTALL THE SHOCK AND LOWER SHOCK BOTTOM NUT AND BOLT AND TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 6, 7)



FIGURE 6



FIGURE 7



2. INSTALL THE THREE (3) TOP MOUNT NUTS AND TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURE 8)



FIGURE 8

3. INSTALL THE ELECTRICAL CONNECTION. (FIGURE 9)

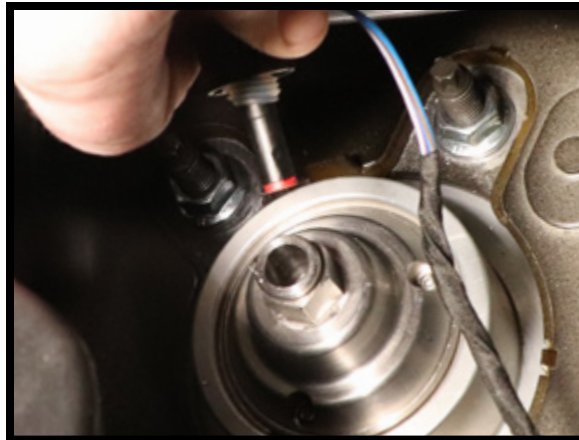


FIGURE 9

4. REASSEMBLE THE REAR CARGO AREA TRIM.
5. INFLATE APPLICABLE AIR SPRING(S) PER MANUFACTURER'S SPECIFICATIONS.
6. REINSTALL APPLICABLE REAR WHEEL.
7. LOWER VEHICLE.
8. INSTALLATION COMPLETE.