

# Installation Manual

SK-3122  
ARNOTT  
NEW REAR AIR SHOCK  
2003-2012 RANGE ROVER (L322)  
W/O VDS



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** 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))

## REAR AIR SPRING REMOVAL

1. REMOVE THE REAR WHEEL. (FIGURE 1)



FIGURE 1

2. REMOVE THE VOSS FITTING FROM THE AIR SPRING AND ALLOW THE AIR SPRING TO FULLY DEFLATE. (FIGURE 2)

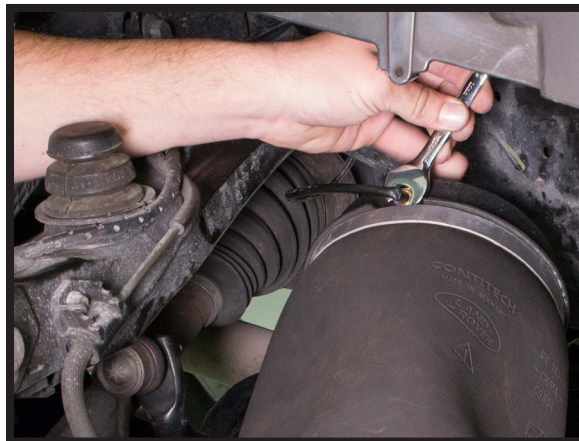


FIGURE 2

3. REMOVE THE CARGO DECK LID. (FIGURE 3)



FIGURE 3

4. REMOVE THE THREE UPPER MOUNTING NUTS. (FIGURE 4)



FIGURE 4

5. REMOVE THE LOWER SHOCK MOUNTING NUT AND BOLT (FIGURES 5, 6)

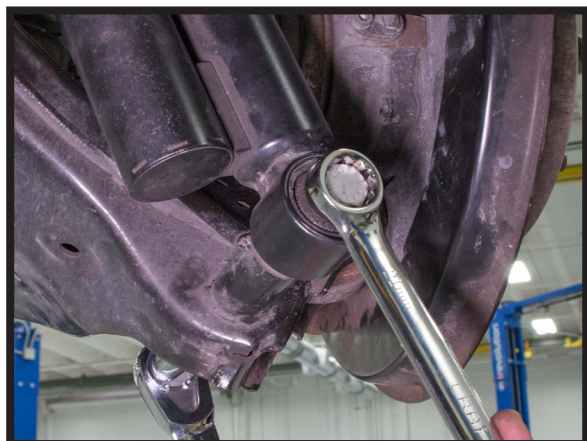


FIGURE 5



FIGURE 6

6. DISCONNECT THE SHOCK FROM THE LOWER CONTROL ARM AND REMOVE. (FIGURES 7, 8)



FIGURE 7

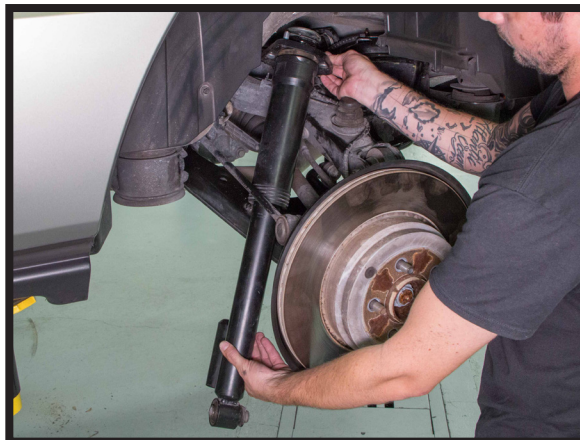


FIGURE 8

7. REMOVAL COMPLETE.

## REAR COIL SPRING INSTALLATION

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

1. INSTALL THE SHOCK AND THREE UPPER MOUNTING NUTS AND TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 9, 10)

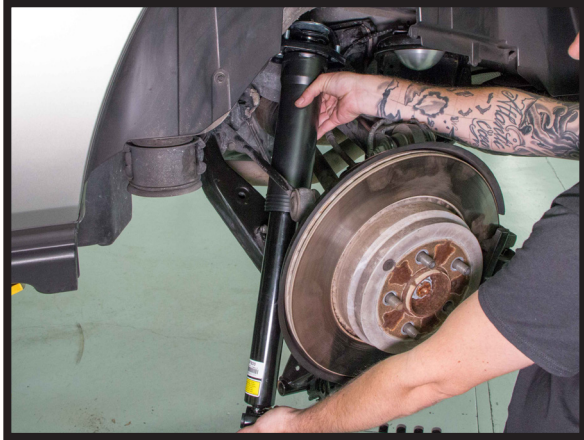


FIGURE 9



FIGURE 10

2. INSTALL THE LOWER SHOCK MOUNT NUT AND BOLT AND TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 11, 12)

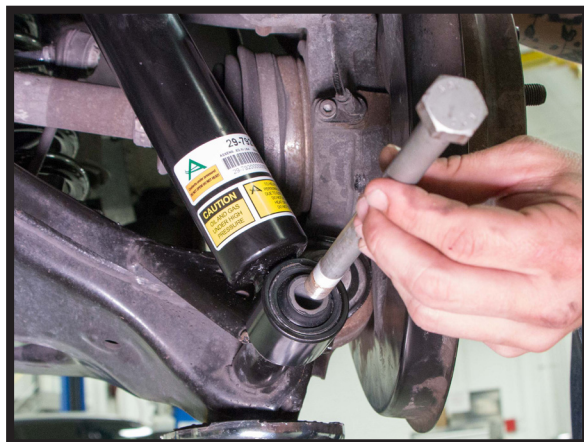


FIGURE 11

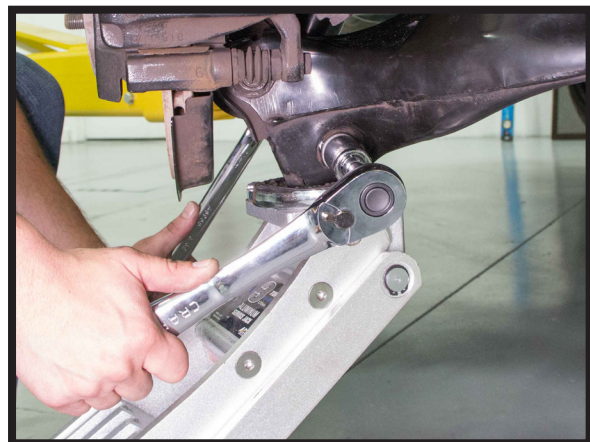


FIGURE 12

3. RECONNECT THE AIR SPRING VOSS FITTING AND TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURE 13)

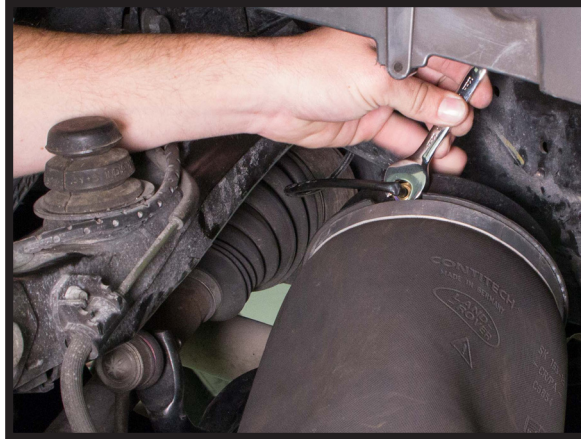


FIGURE 13

4. RETURN THE CARGO AREA TO ITS FORMER STATE. (FIGURE 14)



FIGURE 14

5. REINSTALL THE WHEEL. (FIGURE 15)



FIGURE 15

6. LOWER THE VEHICLE.  
7. INSTALLATION COMPLETE.