

# Installation Manual

A-2611  
ARNOTT FRONT AIR SPRING  
FOR 1995-2002  
LAND ROVER RANGE ROVER (P38A CHASSIS)



Congratulations on your purchase of an Arnott® air suspension product. We at Arnott 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.*

### KIT CONTAINS:

#### PARTS LIST

P/N	QTY	DESCRIPTION
21-4127	1	ARNOTT FRONT AIR SPRING
21-6977	1	INSTRUCTION PACKET

Arnott® is committed to the quality of its products. If you have a question or problem with any Arnott product, please contact Arnott by calling **800-251-8993** during normal business hours or email [techassistance@arnottinc.com](mailto:techassistance@arnottinc.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) or 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.*

## AIR SPRING REMOVAL

1. RAISE THE VEHICLE.
2. REMOVE THE REAR WHEEL AND ARCH LINER.
3. SUPPORT THE CHASSIS FROM UNDER FRONT CROSS MEMBER
4. DEPRESSURIZE THE AIR SPRING BY REMOVING THE HOSE.
5. CLEAN SURROUNDING AREA AND SEAL OFF HOSE AND SPRING.
6. REMOVE TOP CLIPS SECURING AIR SPRING TO CHASSIS.
7. REMOVE THE LOWER BOLT SECURING AIR SPRING RETAINING PIN TO AXLE BRACKET. REMOVE THE RETAINING PIN.
8. RAISE CHASSIS ON JACK FOR CLEARANCE, AND REMOVE THE OLD AIR SPRING ASSEMBLY.

## AIR SPRING INSTALLATION

1. REFIT AIR SPRING TO THE FRONT AXLE, FIT RETAINING PIN AND SECURE PIN WITH THE BOLT.
2. REMOVE THE SUPPORT FROM UNDER CHASSIS AND LOWER CHASSIS ON TO THE TOP OF THE AIR SPRING. RESUPPORT CHASSIS ON SAFETY STANDS. FIT THE CLIP TO SECURE THE TOP OF THE AIR SPRING TO CHASSIS.
3. REMOVE SEALS FROM AIR SPRING AND AIR HOSE. CLEAN HOSE AND RECONNECT IT TO THE NEW AIR SPRING.
4. FIT WHEEL ARCH LINER.
5. REMOVE ALL SAFETY STANDS AND LOWER VEHICLE.
6. INSTALLATION COMPLETE.

