



Congratulations on your selection to purchase an Arnott Air Suspension System. We at Arnott Air Suspension Systems are proud to offer a high quality product at the industries 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 this system on your vehicle.

It is equally important to be aware of all necessary safety measures while installing your new Air Ride 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 ride system prior to disassembly. Do not allow dirt or grease to enter the system. Always wear standard protective hand, ear, and eye protection when servicing the air suspension system.*

Kit contains:

PARTS LIST		
P/N	QTY	DESCRIPTION
A-2478	2	AIR SPRING ASSEMBLY
29-4504	2	RETAINING CLIP



General information:

- * *Shocks 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 full qualified personnel.*
- * *Use car manufacturer’s diagnostic software.*



***CAUTION:** *Damage to the vehicle and shock assembly can be incurred if work is carried out in a manner other than specified in the instructions or in a different sequence.*

REAR AIR SPRING REMOVAL:



The ignition must remain switched off during the shock removal and replacement.

- 1.0 Set steering to straight ahead.
- 2.0 Locate and remove the air compressor fuse (Figure A).



Figure A



Use lifting platform (hoist) that is capable of raising the body separately from the wheels, lift body at the lifting points prescribed by the vehicle manufacturer.

Vehicle slippage can cause danger to life and limb.

- 1.0 Raise vehicle.
- 2.0 Remove rear tire.
- 3.0 Disconnect the air line (Figure B)





Figure B

- 4.0 Remove air spring.
- 5.0 Remove the airline fitting. To do this remove the collet and the remaining fitting will slide off of air hose (Figure C).



Figure C

- 6.0 Remove the top air spring retaining clip and discard (Figure D).



Figure D

- 7.0 Removal complete



8.0 Install new air spring retaining clip (Figure E).



Figure E

8.0 Install new A-2409 Air Spring; push air spring top onto air spring retaining clip (Figure F) and align air spring bottom with notch in the lower control arm (Figure G).



Figure F

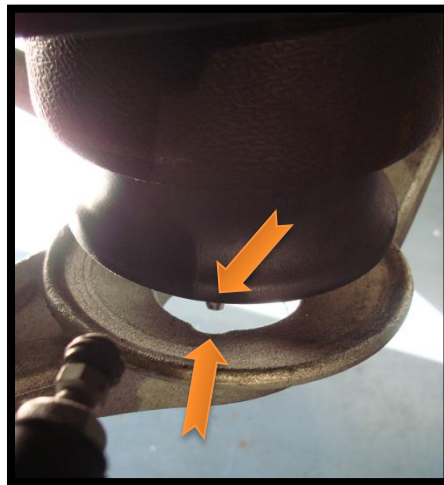


Figure G



WARNING: DO NOT REMOVE FITTING FROM AIR SPRING; DOING SO CAN CAUSE DAMAGE AND VOID WARRANTY.

9.0 Remove plastic pin from the air inlet (figure H), push airline into fitting (Figure I).



Figure H

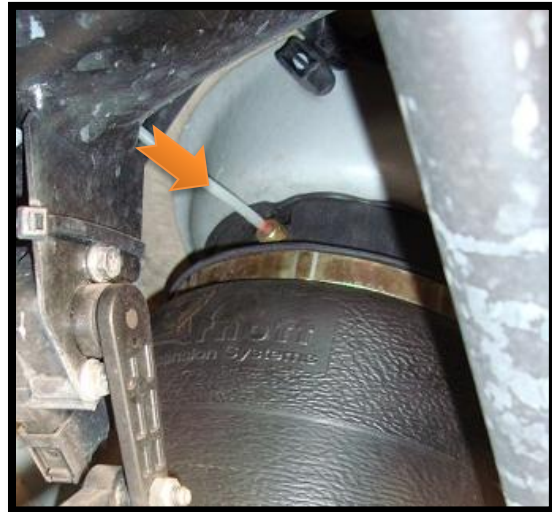


Figure I

- 10.0 Install tire, tighten lug nuts to manufacturers' specification.
- 11.0 Re-install the air compressor fuse.
- 12.0 Lower vehicle to standard vehicle height from the lifting platform.
- 13.0 Start engine, wait 2 minutes, operate the raising function of the cars electronics.
- 14.0 Initially lower lifting platform slowly and only completely when the vehicle raises of its own accord.
- 15.0 Installation complete.