



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              |
| 21-5030    | 2   | REAR AIR SPRING ASSEMBLY |



**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.*



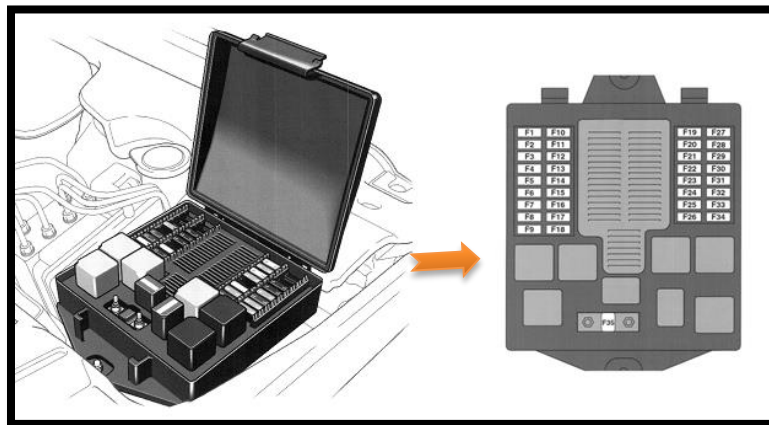
**\*CAUTION:** *Damage to the vehicle and air spring assembly can be incurred if work is carried out in a manner other than specified in the instructions or in a different sequence.*

**REAR AIR SPRING REMOVAL:**



**THE IGNITION MUST REMAIN SWITCHED OFF DURING THE AIR SPRING REMOVAL AND REPLACEMENT.**

- 1.0 Locate and remove the air compressor relay (F6) (Figure A).



**Figure A**

- 2.0 Remove the luggage compartment side trim to expose the top side of the air spring. (Figure B)



**Figure B**



3.0 Disconnect the air line from the check valve. (Figure C)



**Figure C**

4.0 Disconnect the electrical connector from the top of the air spring (push on the side of the connector to release). (Figure D)



**Figure D**



5.0 Remove the four (4) air spring mounting nuts. (Figure E)



Figure E



**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.**

- 6.0 Raise vehicle.
- 7.0 Remove rear tire.
- 8.0 Detach the stabilizer bar link (Figure F).

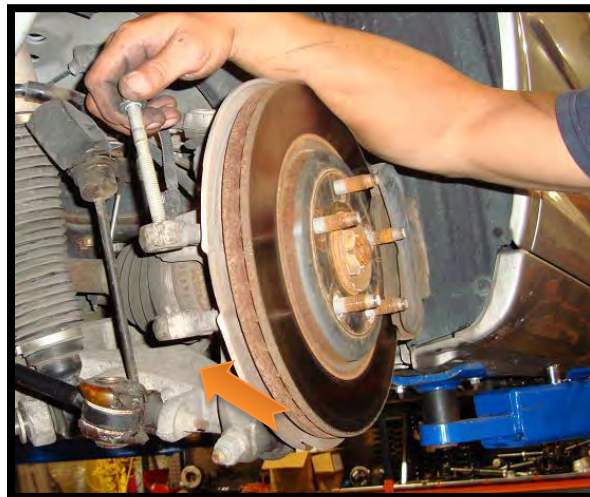


Figure F



9.0 Remove the lower air spring mounting bolt. (Figure G)



**Figure G**

10.0 Remove air spring. (Figure H)



**Figure H**



11.0 Removal Complete.

12.0 Installation is reverse order as removal (tighten all mounting hardware to factory specifications).

**NOTE:** WHEN RE-INSTALLING THE STABILIZER BAR LINK PUT VEHICLE IN NETURAL. THIS WILL ALLOW THE STABILIZER BAR LINK TO ALIGN WITH REAR HUB.

### TORQUE SPECIFICATIONS

| Description                      | Nm  | lb-ft | lb-in |
|----------------------------------|-----|-------|-------|
| Shock absorber upper fixing nuts | 28  | 21    | -     |
| Lower shock absorber bolt        | 133 | 98    | -     |
| Stabilizer link mounting nuts    | 48  | 35    | -     |