



AS-2519
2004-2010
JAGUAR XJ COMFORT/SPORT
FRONT AIR SUSPENSION REPLACEMENT



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.

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
21-4968	2	AIR SHOCK 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 shock assembly can be incurred if work is carried out in a manner other than specified in the instructions or in a different sequence.*

FRONT AIR SHOCK 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 relay.



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.

- 3.0 Raise vehicle.
- 4.0 Remove front tire.



5.0 Remove the sway arm nut and disconnect the sway bar arm linkage (Figure A).



Figure A

6.0 Remove the upper A-arm ball joint nut and separate the upper A-arm ball joint (Figure B).

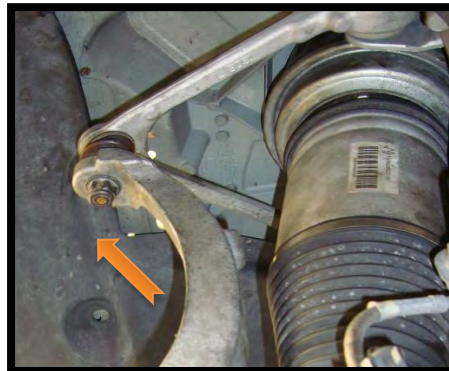


Figure B

7.0 Remove the lower shock mount bolt/nut (Figure C).

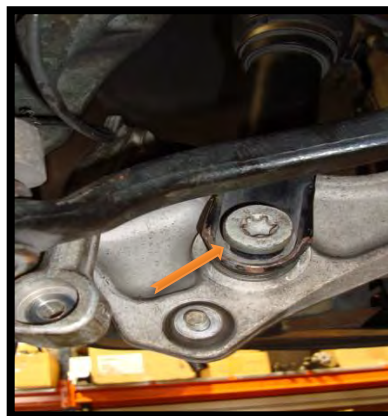


Figure C



- 8.0 Disconnect the electrical connector from the top of the shock (push on the sides of the connector to release) (Figure D).

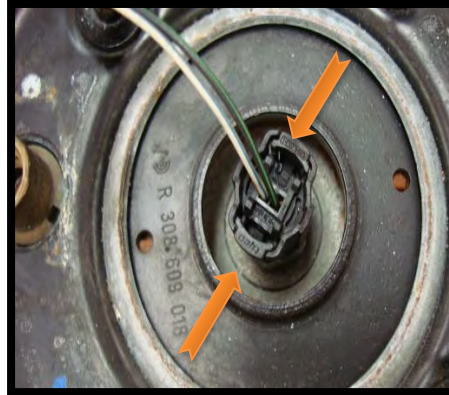


Figure D

- 9.0 Disconnect the air line from the check valve and the four (4) shock mounting nuts (Figure E).

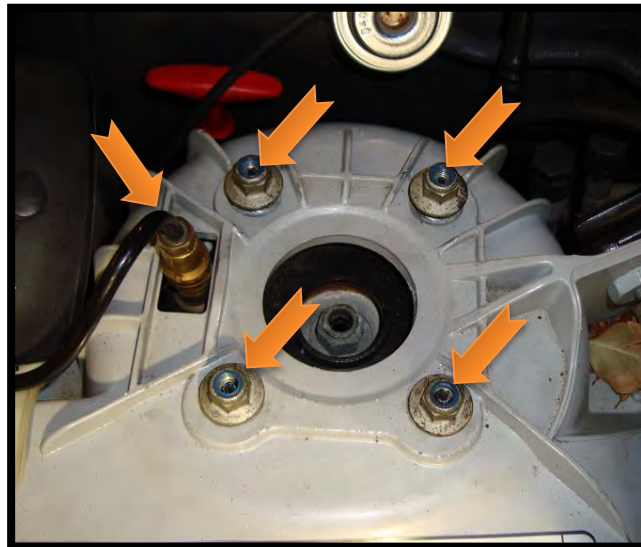


Figure E

- 10.0 Remove shock.
11.0 Removal Complete.
12.0 Installation is reverse order of removal (tighten all mounting hardware to manufacturer's specifications).