

# Installation Manual

AS-2889  
ARNOTT REAR AIR STRUT  
JAGUAR XJ SERIES  
(X350/X358)



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.*

## GENERAL INFORMATION:

- 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.*



*Once the vehicle has been raised from the ground, put vehicle in neutral, and then back into park to release the tension on the drivetrain.*

## AIR STRUT REMOVAL

1. RAISE VEHICLE.
2. REMOVE REAR WHEEL.
3. REMOVE THE LUGGAGE COMPARTMENT SIDE TRIM TO EXPOSE THE TOP SIDES OF THE AIR STRUT. (FIGURE A)



FIGURE A

4. DISCONNECT THE AIR LINE FROM THE CHECK VALVE. (FIGURE B)



FIGURE B

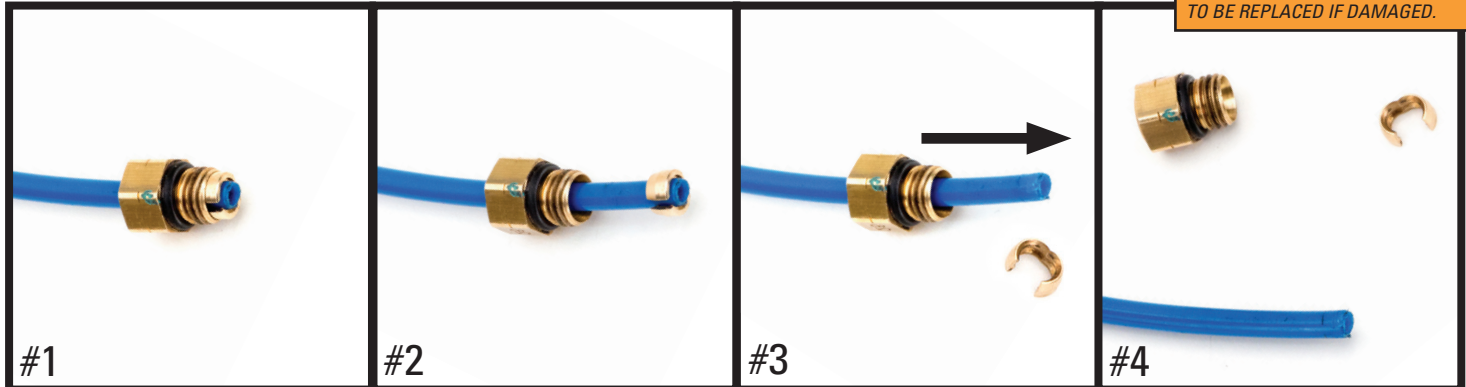
5. REMOVE THE AIR LINE FITTING FROM THE AIR HOSE AND DISCARD. (FIGURE B)

## REMOVAL



*Prior to inserting the existing air line into the new air fitting you will need to remove the old original equipment air line fitting.*

**NOTE:** SCRATCHES AND/OR DEEP CUTS IN THE AIR LINE CAN RESULT IN POSSIBLE LEAKS. INSPECT THE AIR LINE BEFORE INSERTION. AIR LINE NEEDS TO BE REPLACED IF DAMAGED.



#1

OE AIR LINE FITTING

#2

SLIDE THE THREADED PORTION UP THE LINE AND SPREAD THE COLLET OPEN TO REMOVE

#3

SLIDE THE AIR FITTING OFF OF THE AIR LINE

#4

AIR LINE IS READY FOR INSTALLATION

5. DISCONNECT THE ELECTRICAL CONNECTOR FROM THE TOP OF THE AIR STRUT (PUSH ON THE SIDES OF THE CONNECTOR TO RELEASE). (FIGURE C)

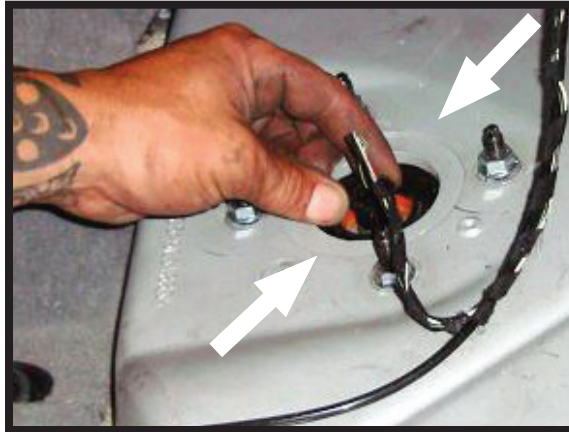


FIGURE C

6. REMOVE THE FOUR (4) AIR STRUT MOUNTING NUTS. (FIGURE D)

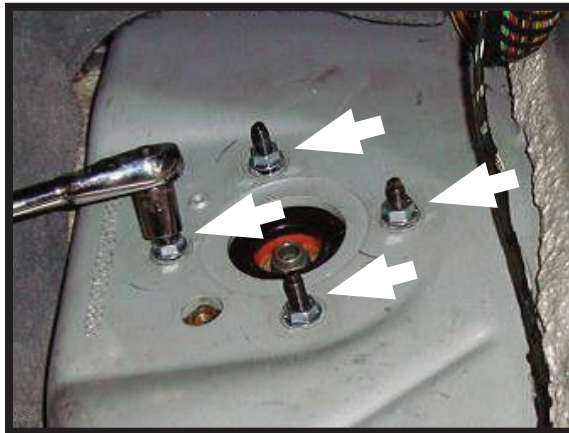


FIGURE D

7. DETACH THE REAR TIE ROD. (FIGURE E)

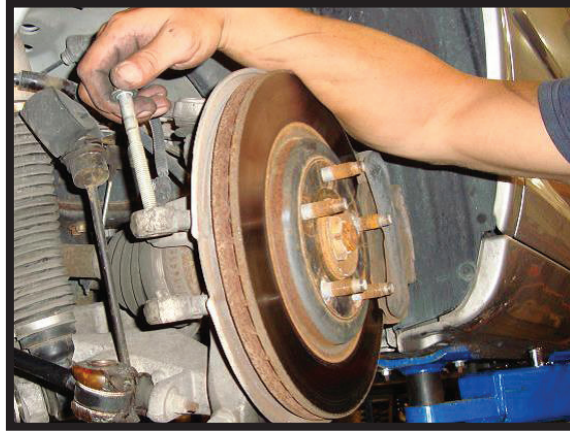


FIGURE E

8. REMOVE THE LOWER AIR STRUT MOUNTING BOLT. (FIGURE F)



FIGURE F



9. REMOVE AIR STRUT. (FIGURE G)

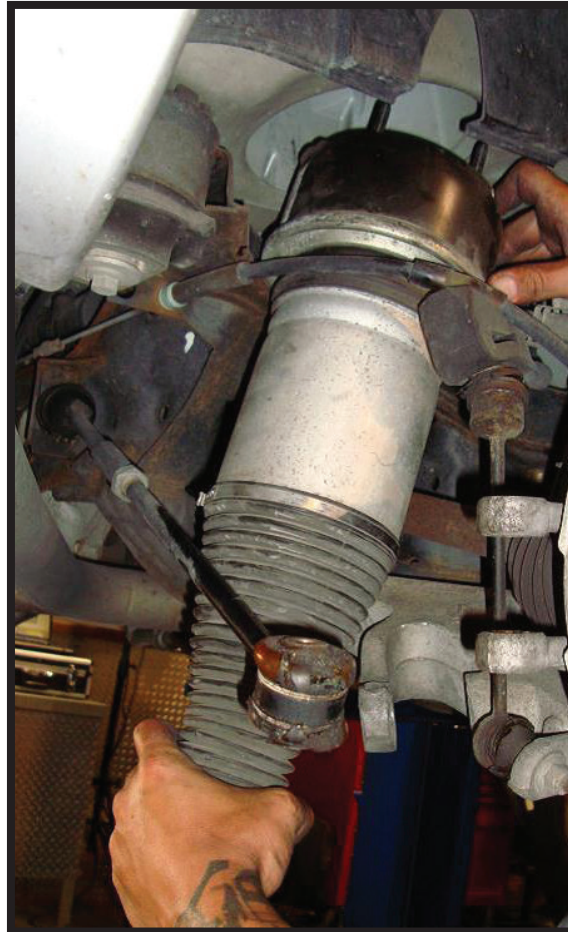


FIGURE G

10. REMOVAL COMPLETE.

## AIR STRUT INSTALLATION



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



*Do not remove the air fitting from the air strut. Doing so may cause damage and/or void warranty. Remove the white shipping pin from the new air fitting and insert the air line until fully seated.*

1. INSTALLATION IS IN REVERSE ORDER OF AIR STRUT REMOVAL. REUSING FACTORY HARDWARE WHERE APPLICABLE.