

Installation Manual

AS-2890 ARNOTT FRONT AIR STRUT (SPORT) JAGUAR XJ SERIES (X350/X358)



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

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

- 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 STRUT REMOVAL

1. SET STEERING TO STRAIGHT AHEAD.
2. RAISE VEHICLE.
3. REMOVE FRONT WHEEL.
4. REMOVE THE SWAY BAR END LINK NUT TO DISCONNECT IT FROM THE LOWER CONTROL ARM. (FIGURE A)

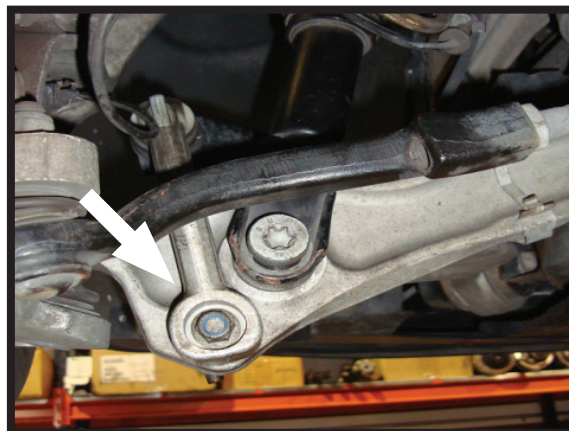


FIGURE A

5. REMOVE THE UPPER A-ARM BALL JOINT NUT AND SEPARATE THE UPPER A-ARM BALL JOINT FROM THE SPINDLE ASSEMBLY. (FIGURE B)

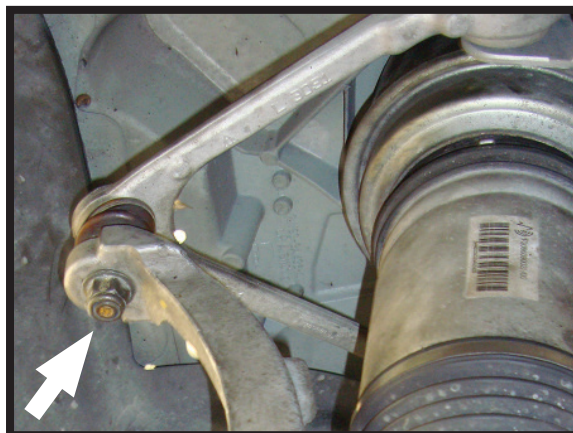


FIGURE B

6. REMOVE THE LOWER SHOCK MOUNT BOLT. (FIGURE C)

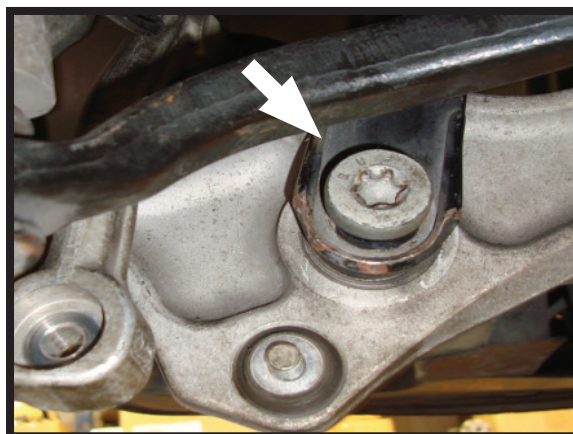


FIGURE C

7. DISCONNECT THE ELECTRICAL CONNECTOR FROM THE TOP OF THE SHOCK (PUSH ON THE SIDES OF THE CONNECTOR TO RELEASE). (FIGURE D)

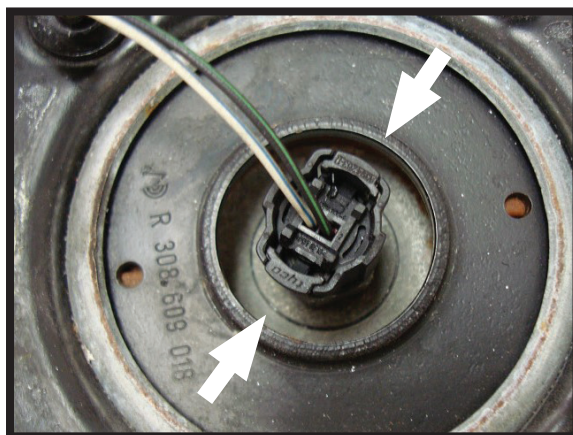


FIGURE D

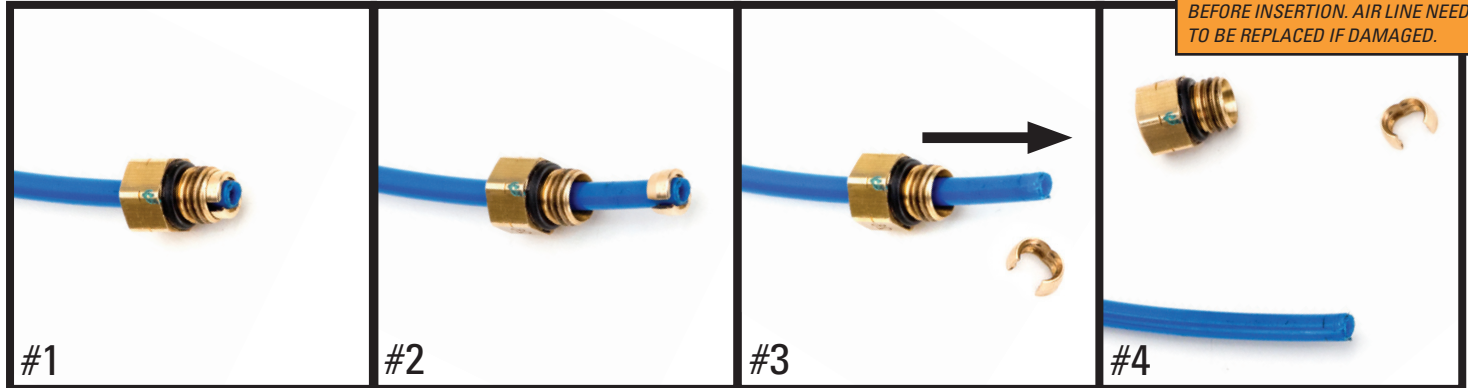
8. DISCONNECT THE AIR LINE FROM THE CHECK VALVE. REMOVE THE AIR LINE FITTING FROM THE AIR HOSE AND DISCARD.

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.



OE AIR LINE FITTING

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

SLIDE THE AIR FITTING OFF OF THE AIR LINE

AIR LINE IS READY FOR INSTALLATION

9. LOOSEN AND REMOVE THE FOUR (4) SHOCK MOUNTING NUTS. (FIGURE E)

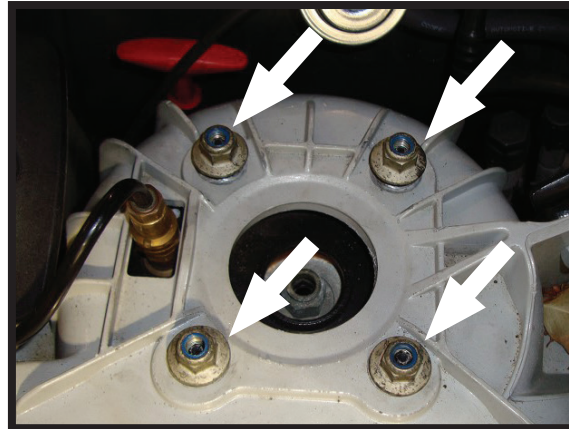


FIGURE E

10. REMOVE AIR STRUT FROM THE VEHICLE.

11. REMOVAL COMPLETE.

AIR STRUT INSTALLATION



Tighten all nuts and bolts to manufacturer's specifications during the installation process. Top stud nuts torque to 25 N.m. (18lb-ft)



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 MOUNTING HARDWARE, WHERE APPLICABLE.