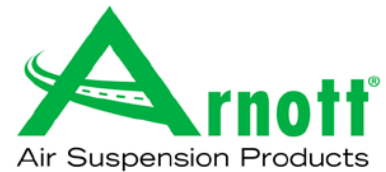


# Installation Manual

**A-2642**  
**ARNOTT REAR AIR SPRING**  
**FOR 2007-2013 BMW X5 (E70 CHASSIS)**  
**FOR 2009-2013 BMW X6 (E71 CHASSIS)**



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.*

## KIT CONTAINS:

### PARTS LIST

P/N	QTY	DESCRIPTION
21-6882	1	ARNOTT REAR AIR SPRING
21-7350	1	INSTRUCTION PACKET

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** during normal business hours or email [techassistance@arnottinc.com](mailto: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](http://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 SPRING REMOVAL

1. SET STEERING TO STRAIGHT AHEAD.
2. RAISE VEHICLE.
3. REMOVE REAR WHEEL. (FIGURE A)



FIGURE A

4. REMOVE THE FASTENERS AND PANELING UNDER THE RIGHT SIDE OF THE VEHICLE TO EXPOSE THE VEHICLE'S AIR SUSPENSION VALVE BLOCK. (FIGURE B)

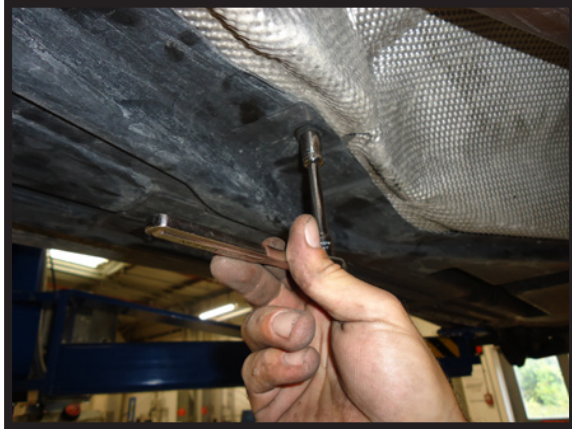


FIGURE B

5. LOCATE THE VALVE BLOCK AND SLOWLY REMOVE THE AIR LINE TO DEFLATE THE AIR SPRING. WHEN LOOKING AT THE VALVE BLOCK, THE AIR HOSE ON THE RIGHT WILL DEFLATE THE RIGHT AIR SPRING AND THE AIR HOSE ON THE LEFT WILL DEFLATE THE LEFT AIR SPRING. (FIGURE C)

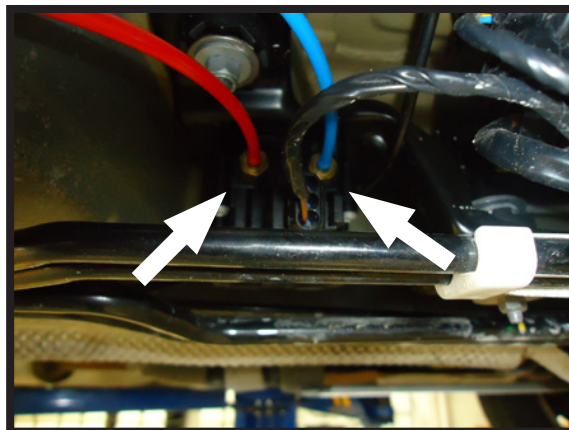


FIGURE C

6. REMOVE THE BOTTOM PISTON FROM THE LOWER AIR SPRING SEAT BY PRESSING IN THE TWO LOCKING TABS AND PUSHING UPWARD ON THE BOTTOM PISTON. (FIGURE D)



FIGURE D

7. REMOVE THE TOP OF THE AIR SPRING BY TURNING COUNTERCLOCKWISE APPROXIMATELY 90 DEG. AND PULL THE AIR SPRING OUT. (FIGURE E)



FIGURE E

8. REMOVE THE AIR LINE FROM THE AIR SPRING. REMOVE THE AIR LINE FITTING FROM THE AIR HOSE AND DISCARD. (FIGURE F)



FIGURE F

## AIR SPRING INSTALLATION



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



*Do not remove the air fitting from the air spring. 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 SPRING REMOVAL.
2. REMOVE THE WHITE SHIPPING PIN FROM THE NEW AIR FITTING AND INSERT AIR LINE. VERIFY AIR LINE IS FULLY SECURE BY GENTLY PULLING BACK ON THE AIR LINE.