

# Installation Manual

SK-3606  
ARNOTT  
NEW REAR RIGHT SHOCK  
2007-2013 BMW X5 (E70)  
2008-2014 BMW X6 (E71)



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.*

Arnott® is committed to the quality of its products. If you have a question or problem with any Arnott product, please contact Arnott by calling **800-251-8993** during normal business hours or email [techassistance@arnottinc.com](mailto:techassistance@arnottinc.com). (In the EU please call +31 (0)73 7850 580 or email [info@arnotteurope.com](mailto:info@arnotteurope.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) and 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.

## REAR SHOCK REMOVAL

1. REMOVE CARGO AREA PANELING FOR ACCESS TO SHOCK TOP MOUNT NUTS. (FIGURES 1, 2)



FIGURE 1



FIGURE 2

2. RAISE THE VEHICLE AND REMOVE THE RIGHT REAR WHEEL. (FIGURE 3)



FIGURE 3

3. DEFLATE AIR SPRING PER MANUFACTURER'S SPECIFICATIONS (IF APPLICABLE)

4. REMOVE THE THREE (3) SHOCK TOP MOUNT NUTS. (FIGURES 4, 5)



FIGURE 4



FIGURE 5

5. UNROUTE AND DISCONNECT THE WIRE HARNESSSES (2) TO THE OE SHOCK. (FIGURES 6, 7, 8)



FIGURE 6



FIGURE 7



FIGURE 8

6. SEPARATE BRAKE LINE FROM THE BRACKET ON THE SHOCK. (FIGURES 9, 10)

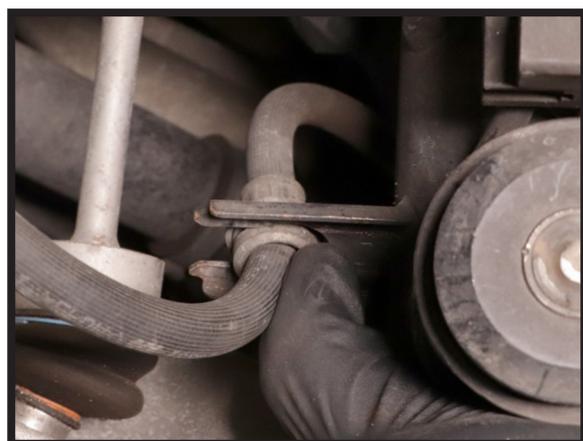


FIGURE 9

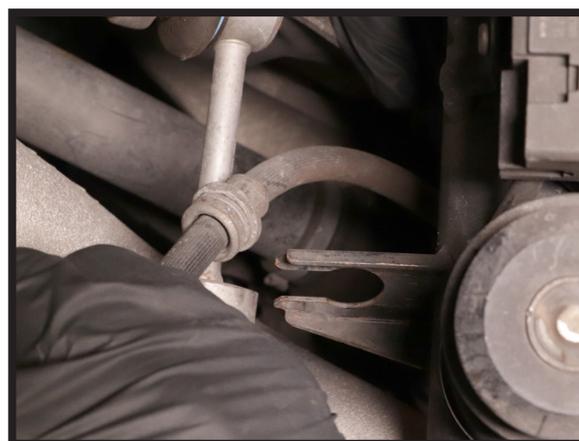


FIGURE 10

7. REMOVE THE LOWER SHOCK MOUNT BOLT. (FIGURE 11)



FIGURE 11

8. REMOVE THE SHOCK FROM THE VEHICLE. (FIGURE 12)



FIGURE 12

9. REMOVAL COMPLETE.

## REAR SHOCK INSTALLATION



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

1. REMOVE NEW TOP NUTS AND INSTALL THE NEW ARNOTT SHOCK IN TO THE VEHICLE. (FIGURES 13, 14)

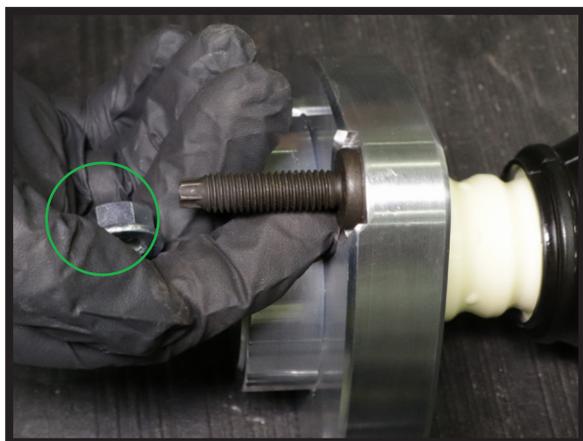


FIGURE 13

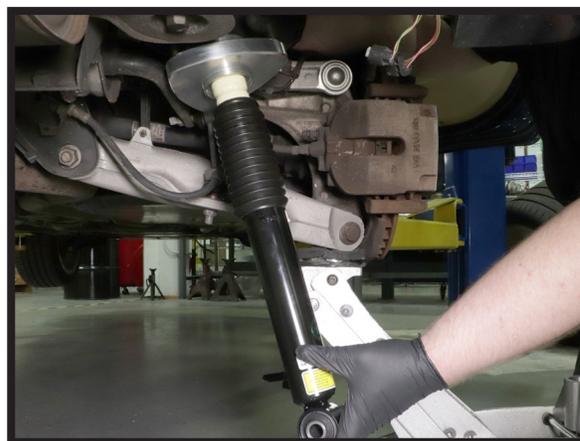


FIGURE 14

2. REINSTALL THE BOTTOM MOUNT BOLT. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 15, 16)



FIGURE 15

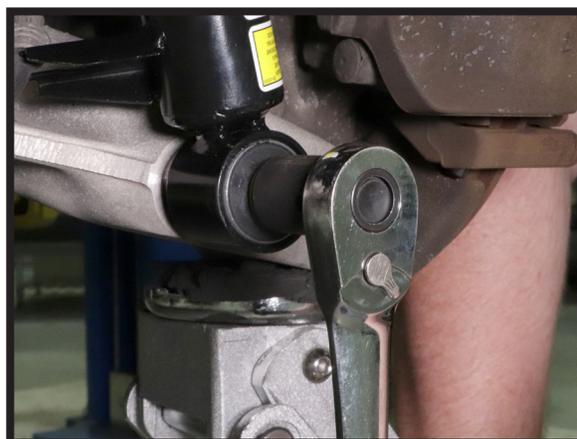


FIGURE 16

3. INSTALL THE THREE (3) NEW TOP MOUNT NUTS. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 17, 18)



FIGURE 17



FIGURE 18

4. ROUTE AND CONNECT THE BRAKE LINE ON TO THE NEW SHOCK BRACKET. (FIGURE 19)



FIGURE 19

5. SECURE THE UNUSED WIRE HARNESSES FROM THE OLD SHOCK. THEY REMAIN UNPLUGGED. (FIGURE 20)

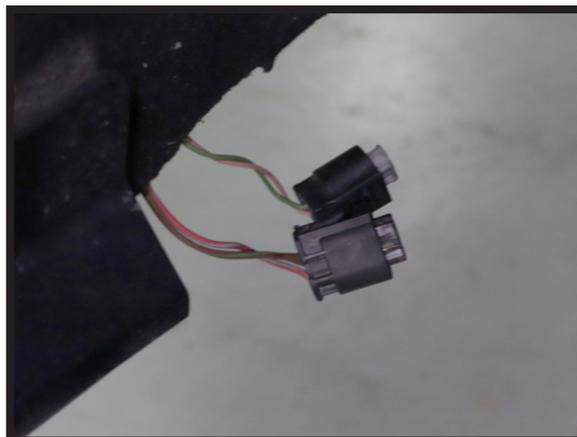


FIGURE 20

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6. INFLATE THE AIR SPRING PER MANUFACTURER'S SPECIFICATIONS (IF APPLICABLE)
7. REINSTALL THE WHEEL AND LOWER THE VEHICLE.
8. REASSEMBLE REAR CARGO AREA.
9. INSTALLATION COMPLETE.