

Installation Manual

P-2658
AMK OES AIR SUSPENSION COMPRESSOR
FOR 2004-2010
BMW 5 SERIES (E61 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
21-7199	1	AMK OES AIR SUSPENSION COMPRESSOR
21-7200	1	ACCESSORY KIT

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

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) 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.

AIR SUSPENSION COMPRESSOR REMOVAL

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



FIGURE 1

4. LOOSEN AND REMOVE THE FASTENERS HOLDING THE INNER FENDER WELL AND THE REAR LOWER PLASTIC SHIELD TO EXPOSE THE VEHICLES AIR SUSPENSION COMPRESSOR. (FIGURE 2)

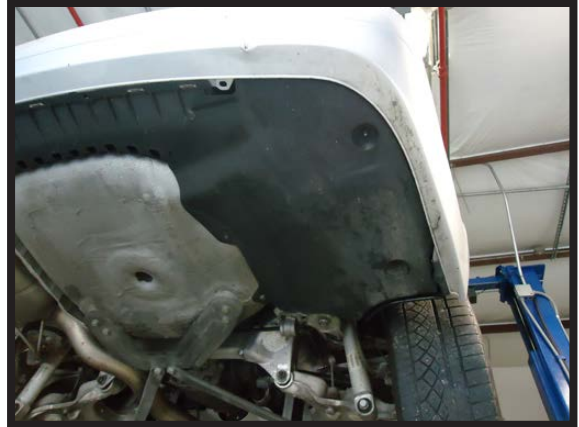


FIGURE 2

5. DISCONNECT THE TWO (2) ELECTRICAL PLUGS FROM THE REAR OF THE COMPRESSOR. (FIGURE 3)



FIGURE 3

6. REMOVE THE AIR LINE FROM THE COMPRESSOR AND DISCARD THE AIR LINE FITTING BY FIRST REMOVING THE COLLET, THEN SLIDING THE FITTING OFF THE END. (FIGURE 4)



FIGURE 4

7. LOOSEN AND REMOVE THE THREE (3) BOLTS AND HARDWARE HOLDING THE COMPRESSOR TO THE MOUNTING BRACKET. (FIGURE 5)



FIGURE 5

8. WITH THE COMPRESSOR UNMOUNTED, REMOVE THE FITTING CONNECTED TO THE LARGER HOSE FROM THE COMPRESSOR. (FIGURE 6)



FIGURE 6

9. REMOVE THE RUBBER VIBRATION ISOLATORS AND THE HARDWARE HOLDING THE TWO (2) BRACKETS TO THE COMPRESSOR. (FIGURE 7)

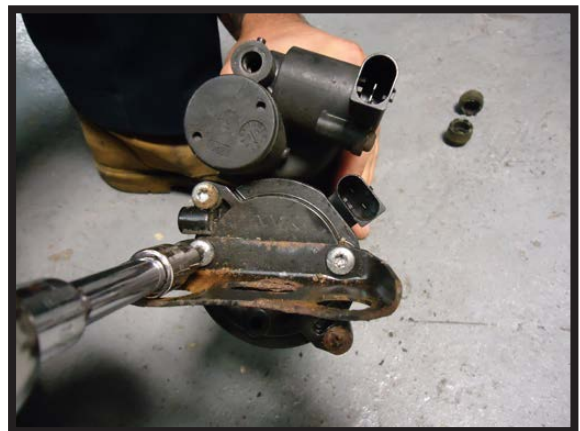


FIGURE 7

10. REMOVAL COMPLETE.

AIR SUSPENSION COMPRESSOR INSTALLATION



Tighten all nuts and bolts to manufacturers specifications during the installation process.



Do not remove the air fitting from the air suspension compressor. 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. SECURE THE FACTORY BRACKETS ONTO THE NEW COMPRESSOR AND INSTALL THE COMPRESSOR BACK ONTO THE VEHICLE IN THE REVERSE ORDER OF REMOVAL USING THE HARDWARE PROVIDED.



WARNING



CRACKED AIR SPRINGS MUST BE CHANGED TO VALIDATE THE WARRANTY ON THE COMPRESSOR

PLEASE READ ADDITIONAL WARRANTY INFORMATION ON THE BACK OF YOUR INVOICE



PROPER PROCEDURE FOR ASSESSING YOUR AIR SPRINGS CONDITION:

1. TURN OFF AIR SUSPENSION SWITCH IF EQUIPPED.
2. REFER TO OWNER'S MANUAL FOR PROPER LIFTING TECHNIQUES AND JACKING POINTS.
3. RAISE THE VEHICLE.
4. INSPECT AIR SPRINGS FOR ANY TYPE OF CRACKS OR EXCESSIVE WEAR. CRACKS IN AIR SPRINGS ARE EVIDENT IF THEY ARE LEAKING. THIS WILL CAUSE THE COMPRESSOR TO OVERHEAT AND FAIL FROM CONTINUOUS OPERATION.

REFER TO ARNOTT PART NUMBER:

A-2642 (LEFT OR RIGHT REPLACEMENT REAR AIR SPRING FOR 07-13 BMW X5/09-13 BMW X6)

* IT IS RECOMMENDED THAT YOU REPLACE YOUR BMW X5/X6 AIR SPRINGS IN PAIRS.

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