

Installation Manual

P-3214
AIR SUSPENSION COMPRESSOR
MERCEDES-BENZ GL-CLASS (X164)
MERCEDES-BENZ ML-CLASS (W164)

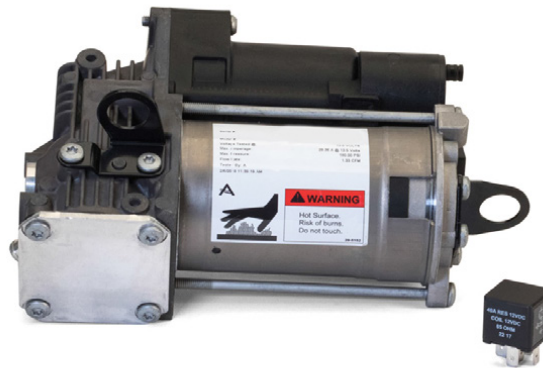


Congratulations on your purchase of an Arnott® air suspension product. We at Arnott Incorporated are proud to offer a high quality product at the industry's most competitive pricing. Thank you for your confidence in us and our product.

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.

GENERAL INFORMATION:

Reading this manual signifies your agreement to the terms of the general release, waiver of liability, and hold harmless agreement.

- 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 SUSPENSION COMPRESSOR REMOVAL

1. SET STEERING TO STRAIGHT AHEAD.
2. LIFT VEHICLE
3. REMOVE FRONT RIGHT WHEEL. (FIGURE 1)

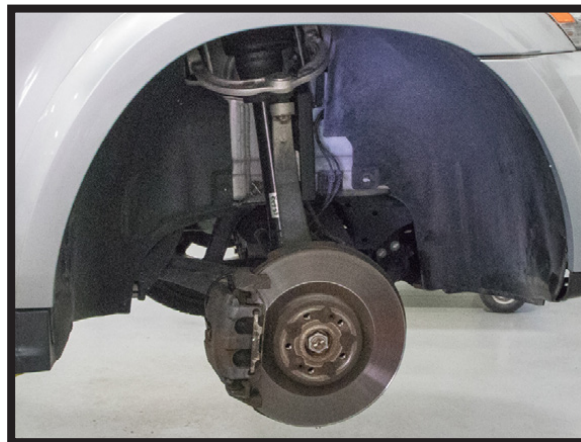


FIGURE 1

4. REMOVE THE WHEEL WELL LINER TO EXPOSE THE VEHICLE'S AIR SUSPENSION COMPRESSOR. (FIGURES 2, 3)

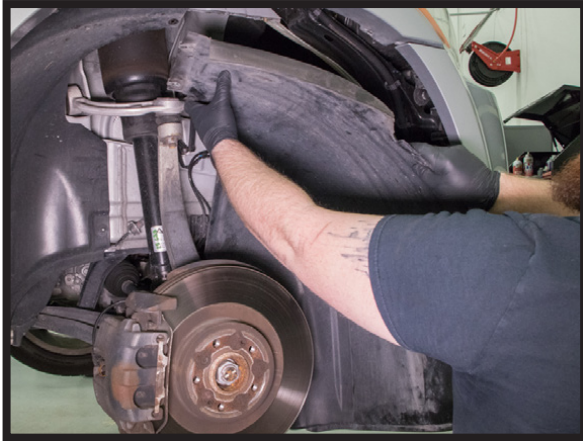


FIGURE 2

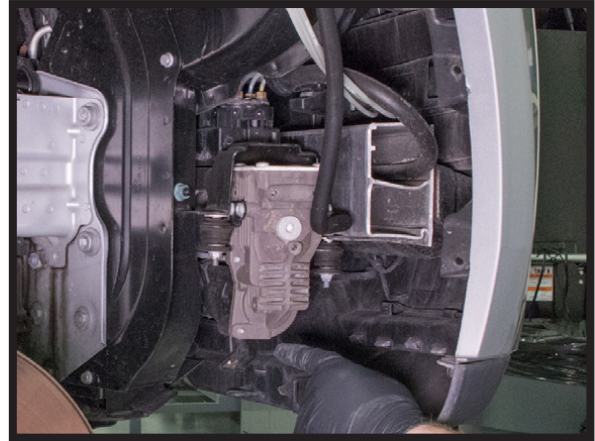


FIGURE 3

5. LOCATE AND DISCONNECT THE TWO (2) ELECTRICAL CONNECTORS FROM THE COMPRESSOR. (FIGURE 4)



FIGURE 4

6. LOCATE AND SLOWLY REMOVE THE AIR LINE FROM THE COMPRESSOR. REMOVE THE AIR LINE FITTING FROM THE AIR HOSE AND DISCARD. (FIGURES 5, 6, 7)



FIGURE 5



FIGURE 6



FIGURE 7

7. LOCATE THE LARGER RUBBER HOSE LEADING TO THE COMPRESSOR. PINCH AND SLIDE THE HOSE CLAMP OFF OF THE AIR FITTING AND REMOVE THE AIR HOSE. (FIGURE 8)

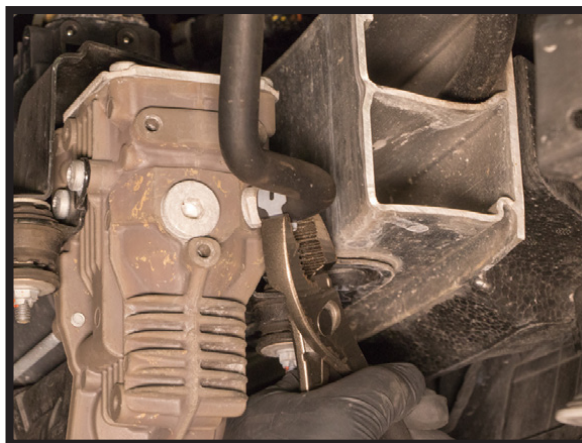


FIGURE 8

8. LOCATE AND REMOVE THE THREE (3) MOUNTING NUTS TO REMOVE THE COMPRESSOR FROM THE VEHICLE. **NOTE: FACTORY ISOLATORS WILL BE REUSED IN THE INSTALLATION PROCESS.** (FIGURES 9, 10)



FIGURE 9

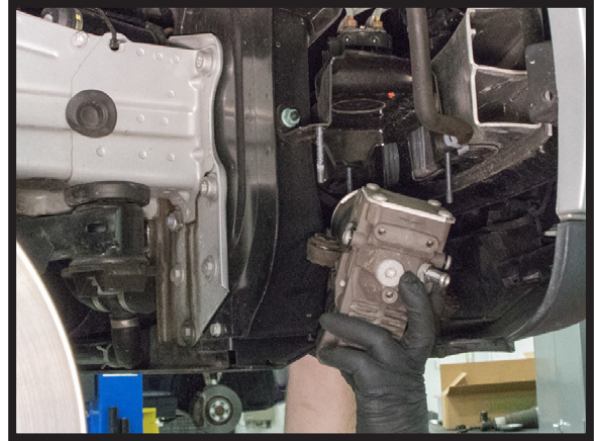




FIGURE 10

9. REMOVAL COMPLETE.

AIR SUSPENSION COMPRESSOR INSTALLATION

-  *Tighten all nuts and bolts to manufacturer's 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. INSTALL THE SAVED FACTORY ISOLATORS ONTO THE COMPRESSOR. (FIGURE 11, 12)

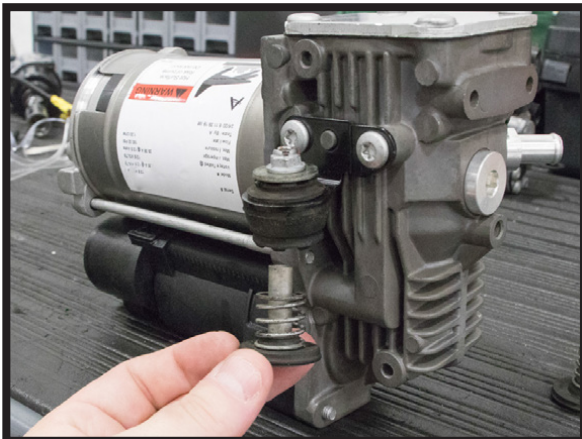


FIGURE 11



FIGURE 12

2. INSTALL THE COMPRESSOR INTO VEHICLE. REINSTALL THE THREE MOUNTING NUTS AND TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 13, 14)

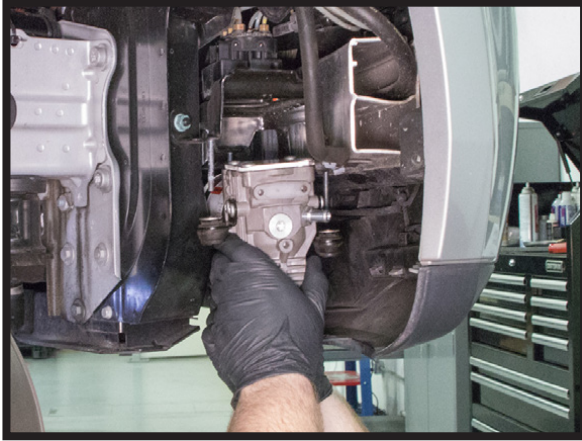


FIGURE 13

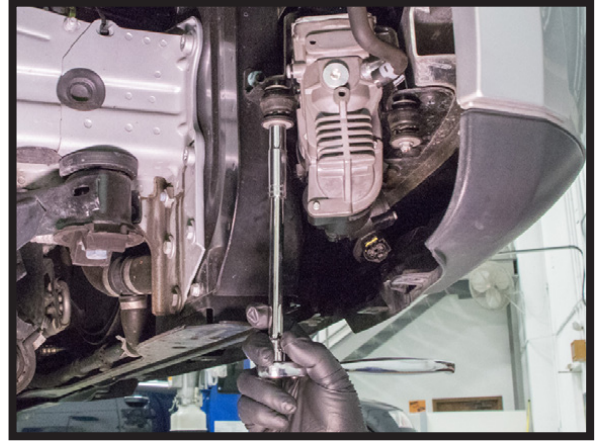


FIGURE 14

3. REINSTALL THE LARGE RUBBER AIR HOSE ONTO THE COMPRESSOR. (FIGURE 15)



FIGURE 15

4. REINSTALL THE AIR LINE. (FIGURE 16)

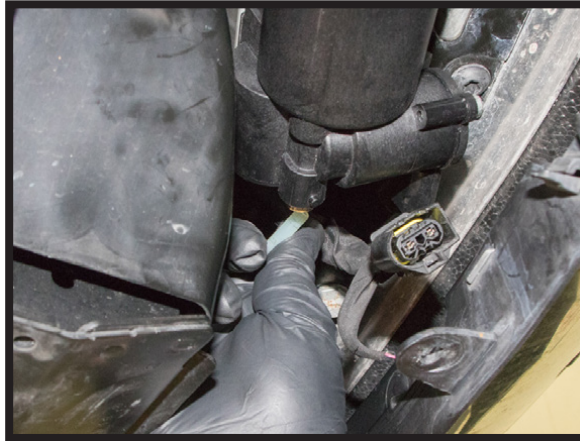


FIGURE 16

5. REINSTALL THE TWO ELECTRICAL CONNECTORS. (FIGURE 17)



FIGURE 17

6. REINSTALL THE WHEEL WELL LINER.
7. REINSTALL THE WHEEL.
8. LOWER THE VEHICLE.
9. INSTALLATION COMPLETE.