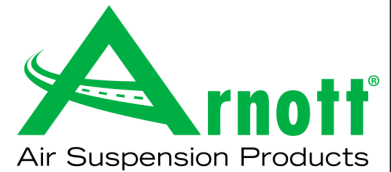


Installation Manual

P-3281
NEW AIR SUSPENSION COMPRESSOR
2006-2013 MERCEDES-BENZ R-CLASS (W251)
w/REAR LEVELING



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** during normal business hours or email techassistance@arnottinc.com. (In the EU please call +31 (0)73 7850 580 or email 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.

- 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.
4. REMOVE THE FASTENERS AND FRONT INNER WHEEL WELL LINER FROM THE VEHICLE TO EXPOSE THE VEHICLES AIR SUSPENSION COMPRESSOR. (FIGURES 1, 2)



FIGURE 1



FIGURE 2

5. LOCATE AND SLOWLY REMOVE THE AIR LINE FROM THE COMPRESSOR. (FIGURES 3, 4)

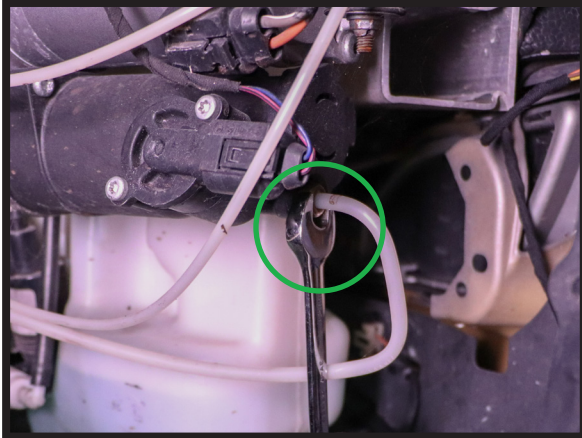


FIGURE 3

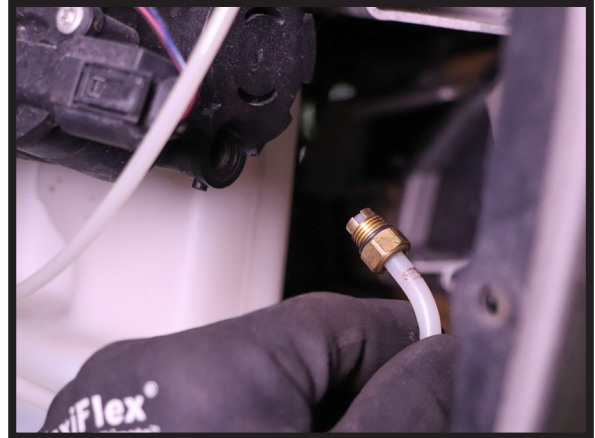


FIGURE 4

6. LOCATE AND DISCONNECT THE TWO (2) ELECTRICAL CONNECTORS FROM THE COMPRESSOR. (FIGURES 5, 6)

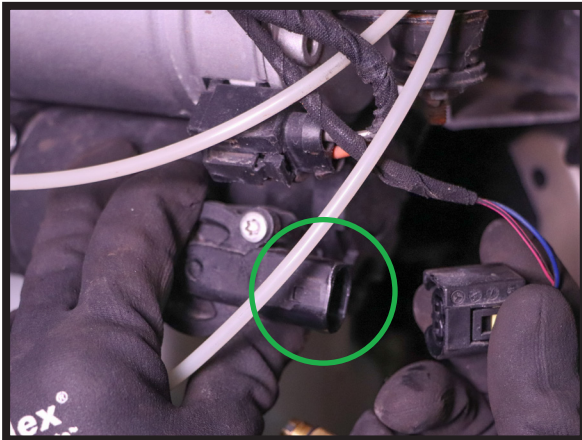


FIGURE 5

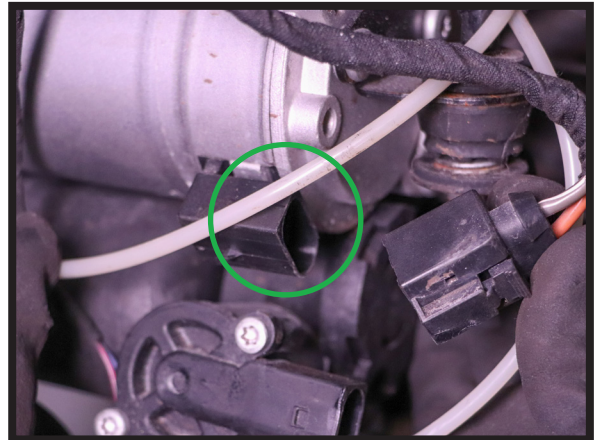


FIGURE 6

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

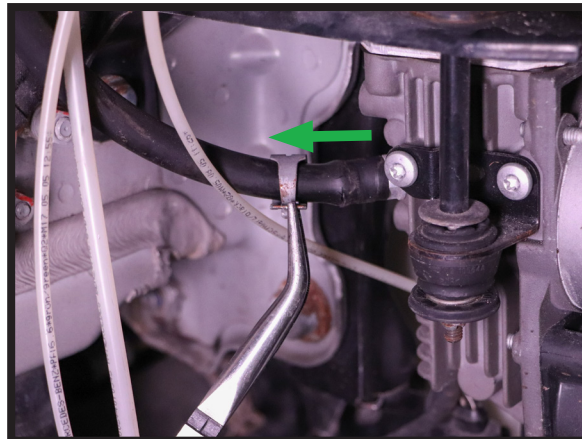


FIGURE 7

8. LOCATE AND REMOVE THE THREE (3) MOUNTING NUTS TO REMOVE THE COMPRESSOR FROM THE VEHICLE. **NOTE:** ALL FACTORY HARDWARE WILL BE REUSED IN THE INSTALLATION PROCESS. (FIGURES 8, 9, 10, 11)

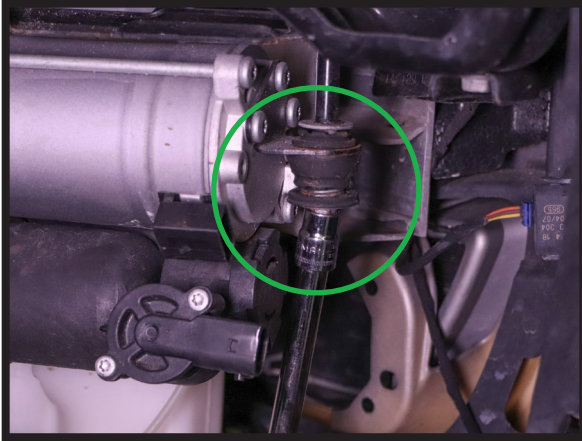


FIGURE 8



FIGURE 9

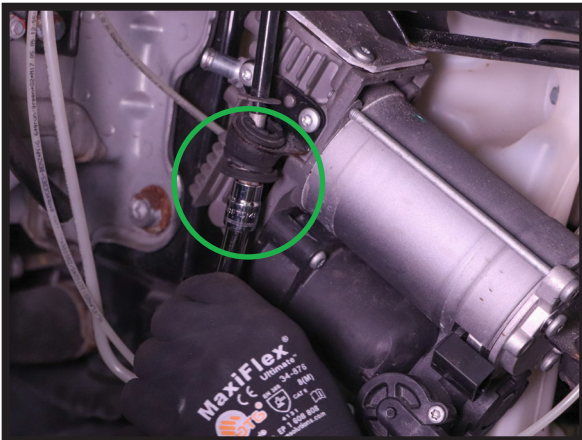


FIGURE 10

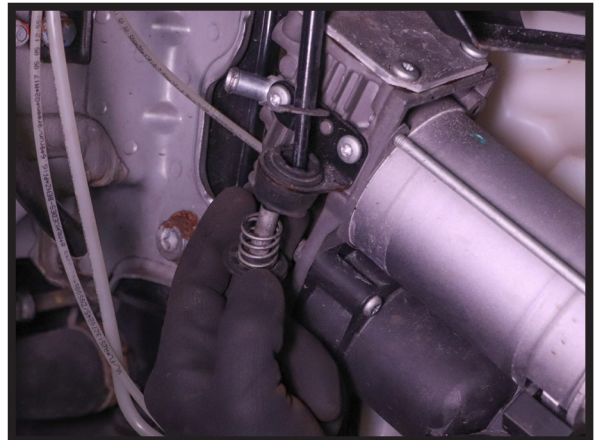


FIGURE 11

9. REMOVE THE COMPRESSOR FROM THE VEHICLE. (FIGURE 12)

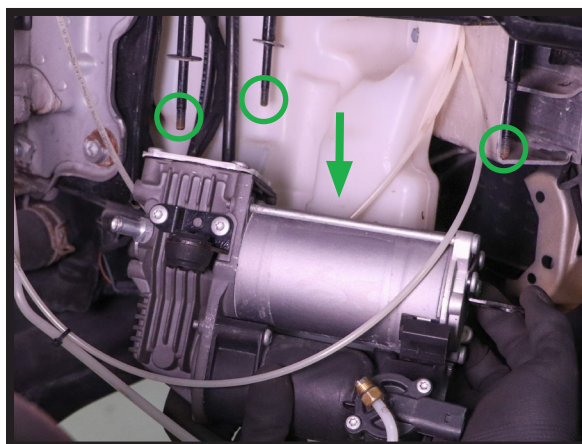




FIGURE 12

10. 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 shipping pin from the new air fitting and insert the air line until fully seated.*

1. REUSING THE MOUNTING HARDWARE, INSTALL THE NEW COMPRESSOR INTO THE VEHICLE. (FIGURES 13, 14, 15)

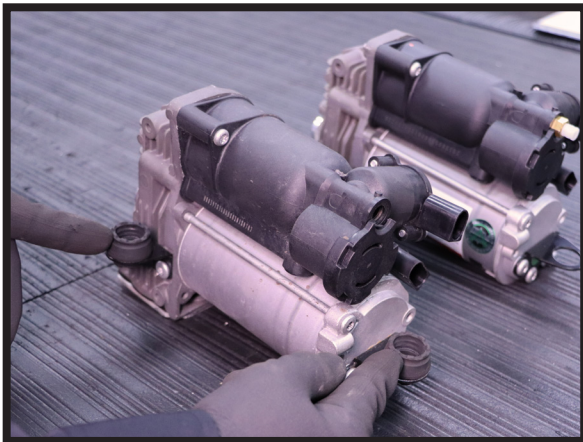


FIGURE 13

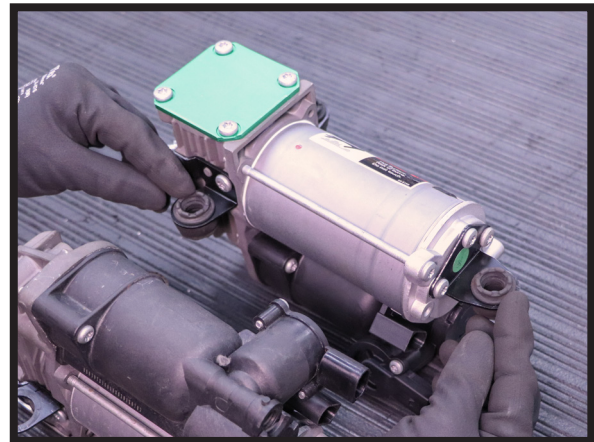


FIGURE 14

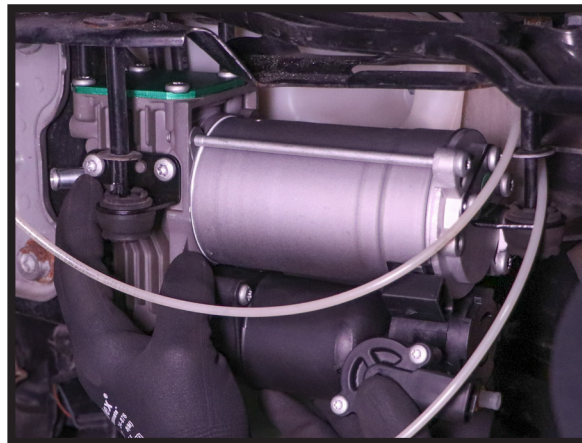


FIGURE 15

2. REINSTALL THE THREE (3) MOUNTING NUTS TO ATTACH THE COMPRESSOR TO THE VEHICLE.
NOTE: FACTORY HARDWARE AND ISOLATORS WILL BE REUSED IN THE INSTALLATION PROCESS. (FIGURE 16)



FIGURE 16

3. REINSTALL THE EXHAUST HOSE TO THE NEW COMPRESSOR. (FIGURES 17, 18)

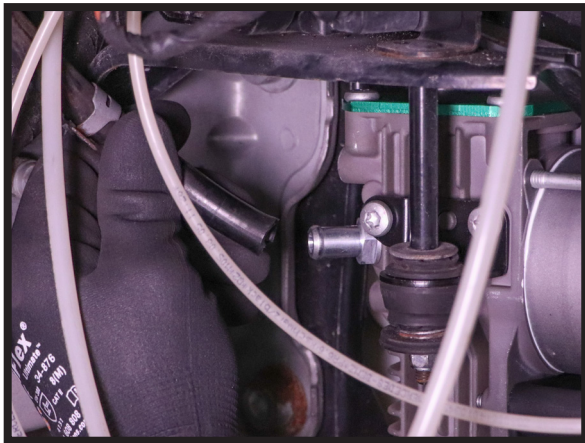


FIGURE 17

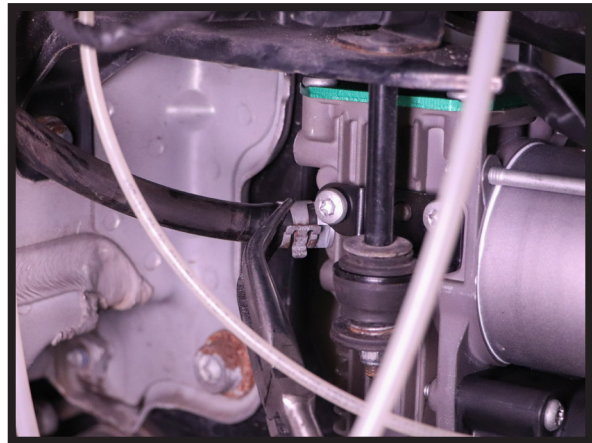


FIGURE 18

4. CONNECT THE TWO (2) ELECTRICAL CONNECTORS TO THE NEW COMPRESSOR. (FIGURES 19, 20)

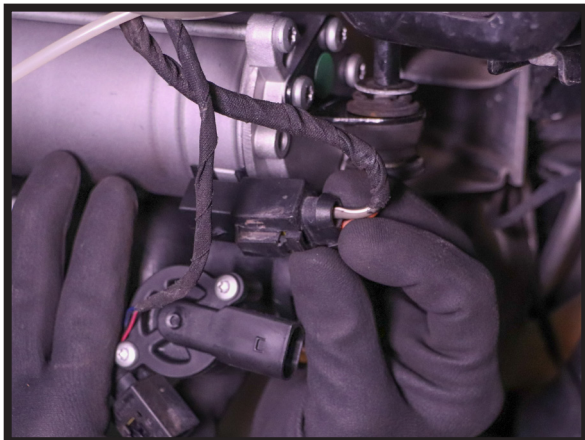


FIGURE 19



FIGURE 20

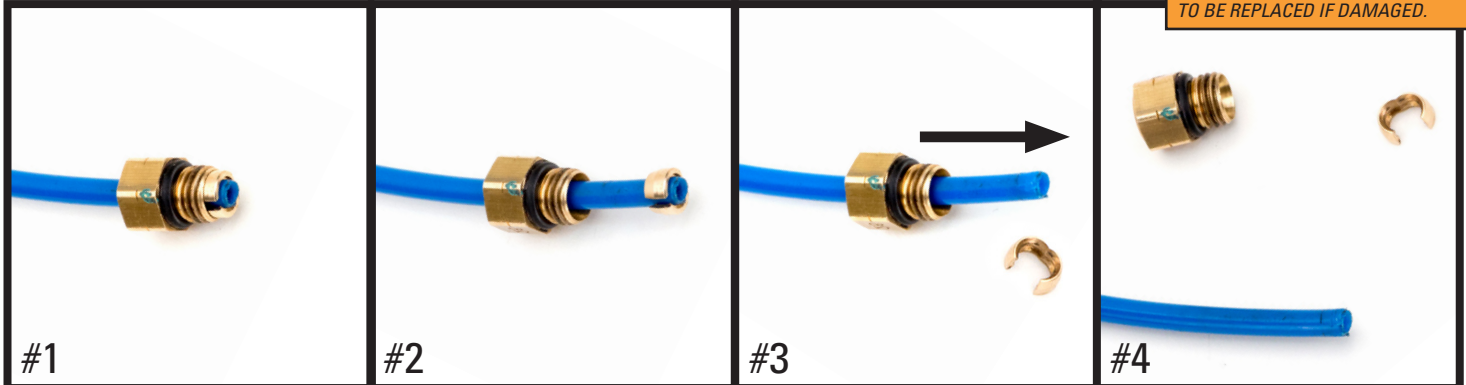
5. PREPARE THE EXISTING AIR LINE BY REMOVING THE OLD AIR FITTING, USING THE FIGURE BELOW AS AN EXAMPLE. (FIGURE 21)

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

FIGURE 21

6. REMOVE THE SHIPPING PIN FROM THE COMPRESSOR AND INSERT THE AIR LINE. PRESS THE LINE IN UNTIL IT IS FIRMLY SEATED. (FIGURES 22, 23)



FIGURE 22

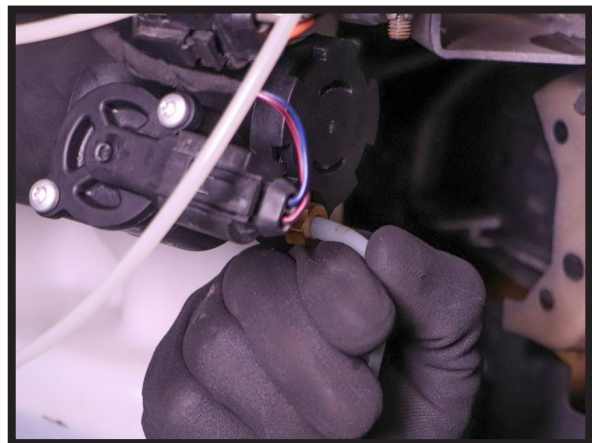


FIGURE 23

7. RE-INSTALL THE FASTENERS AND FRONT INNER WHEEL WELL LINER ON THE VEHICLE. (FIGURE 1)
8. RE-INSTALL FRONT RIGHT WHEEL.
9. LOWER VEHICLE.
10. INSTALLATION COMPLETE.