



# INSTALLATION MANUAL

P-3300

Arnott New Air Suspension Compressor  
Mercedes-Benz E-Class (W212), CLS-Class (W218)  
(Incl. ADS)



**Engineered to Ride, Built to Last<sup>®</sup>**

# CONGRATULATIONS ON YOUR PURCHASE OF AN ARNOTT® SUSPENSION PRODUCT

WE AT ARNOTT LLC ARE PROUD TO OFFER A HIGH QUALITY PRODUCT WITH ALL THE TECHNICAL SUPPORT YOU NEED. 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 and certified automotive 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.

## 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) and [www.arnotteurope.com](http://www.arnotteurope.com).



### 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.

- 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.

For vehicles with a "Closed Air Supply System," replacement of components requires proper adherence to procedures set forth within OE servicing literature. Failure to comply with the OE prescribed procedures can result in component damage and/or failure.

# AIR SUSPENSION COMPRESSOR ASSEMBLY REMOVAL

1. Raise the vehicle to locate the air suspension compressor assembly under the rear left side of the vehicle. (Figure 1)



FIGURE 1

2. Remove the four (4) bolts holding the compressor cover to the vehicle. (Figures 2, 3, 4, 5)

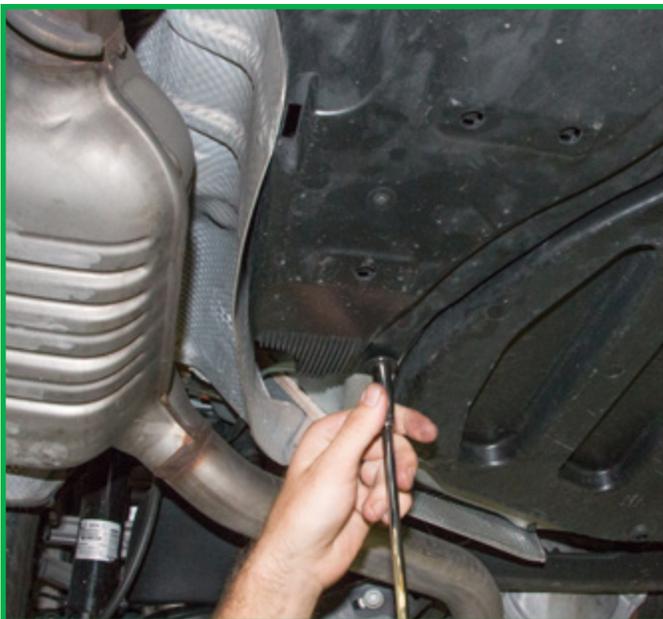


FIGURE 2



FIGURE 3



FIGURE 4



FIGURE 5

3. Remove the cover to access the compressor assembly. (Figure 6)



FIGURE 6

4. Remove the air line from the compressor assembly. (Figures 7, 8)



FIGURE 7

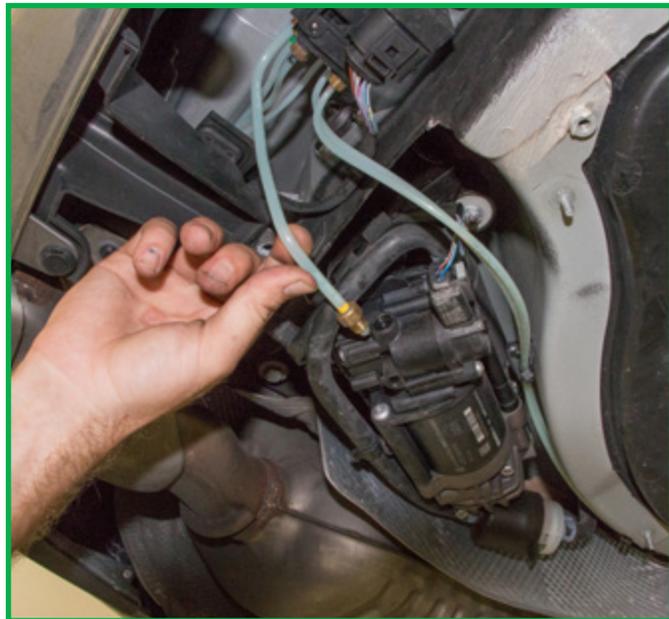


FIGURE 8

5. Locate and disconnect the two (2) electrical connectors from the compressor assembly. (Figures 9, 10)

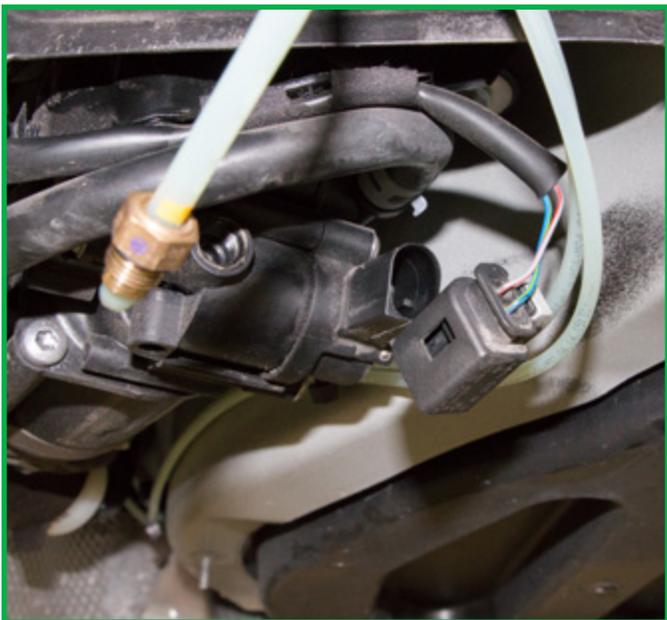


FIGURE 9



FIGURE 10

6. Locate and disconnect the intake hose from the compressor assembly. (Figures 11, 12)



FIGURE 11



FIGURE 12

7. Remove the three (3) mounting nuts and hardware holding the compressor assembly to the vehicle. (Figures 13, 14, 15, 16)



FIGURE 13

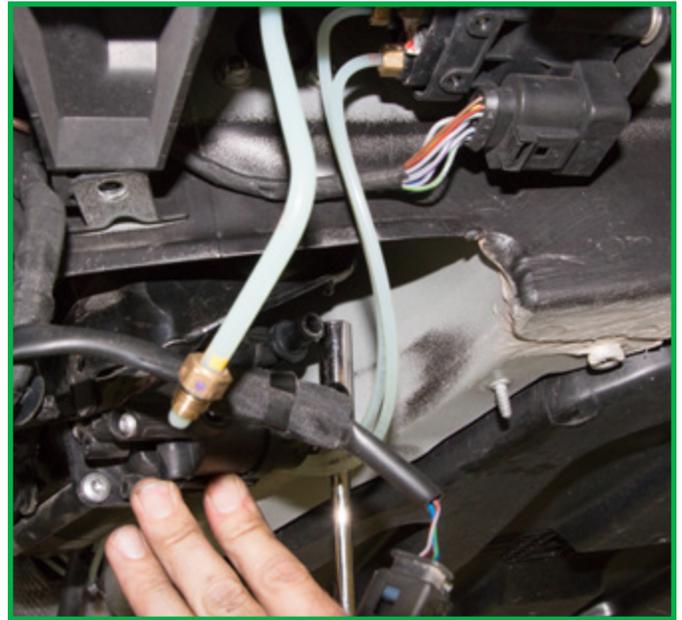


FIGURE 14



FIGURE 15



FIGURE 16

8. Remove the compressor assembly from the vehicle. (Figures 17, 18)



FIGURE 17

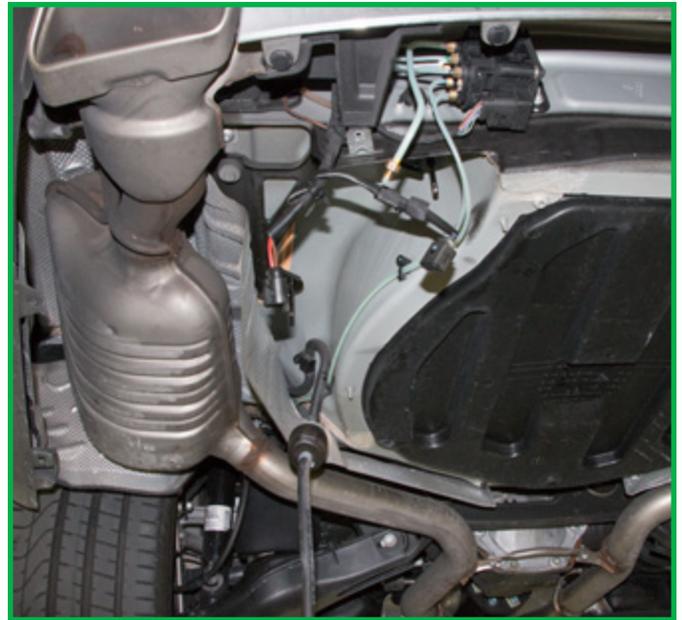


FIGURE 18

# AIR SUSPENSION COMPRESSOR ASSEMBLY INSTALLATION



**WARNING:**

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

1. Install the isolation hardware as depicted. (Figures 19, 20)

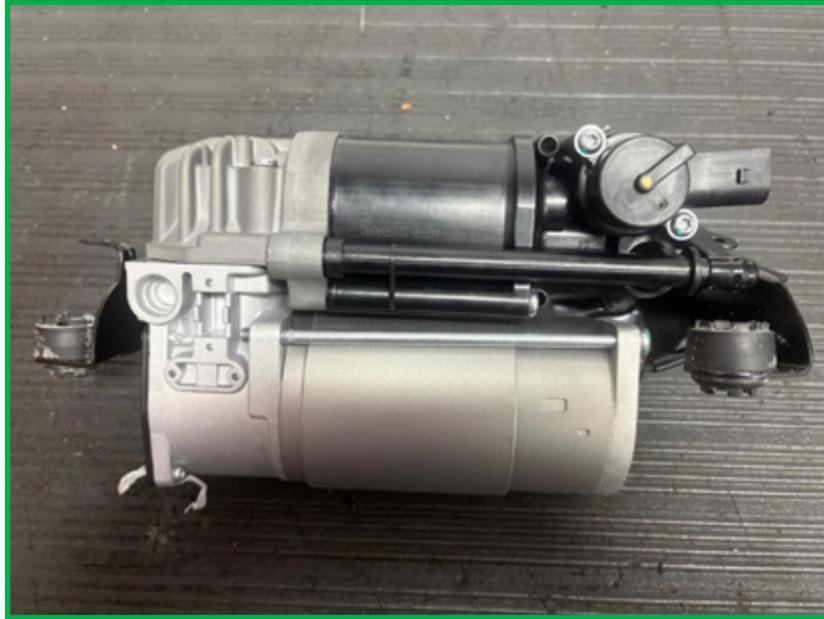


FIGURE 19

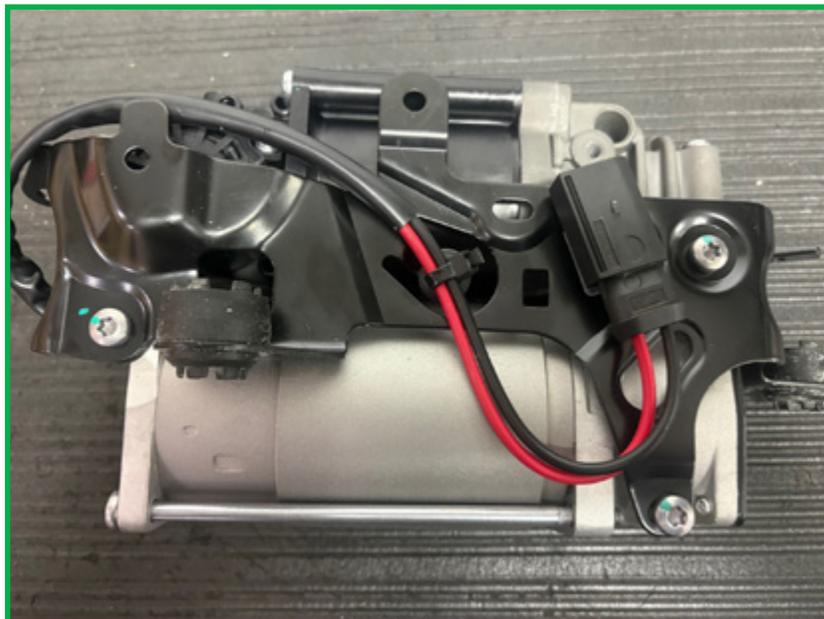


FIGURE 20

2. Install the compressor assembly back into the vehicle in the reverse order of removal.

# AIR SUSPENSION COMPRESSOR ASSEMBLY RELAY



## WARNING:

Installation of this air suspension compressor requires the replacement of the compressor relay. Failure to replace the OE relay with the unit provided in this kit can cause damage and/or void warranty.

1. Open the trunk and locate the compressor relay behind the left trunk panel. (Figure 23)



FIGURE 21

2. Replace the factory relay with the unit provided in this kit.



## 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 SPRING'S 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 from continuous operation.

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))

# Arnott®

## Suspension Products

### Arnott US Business Office:

[www.arnottinc.com](http://www.arnottinc.com)

100 Sea Ray Drive  
Merritt Island, FL 32953

**Call:** 800.251.8993

321.868.3016

**Fax:** 321.868.3703

**Email:** [techassistance@arnottinc.com](mailto:techassistance@arnottinc.com)

### Arnott Europe Business Office:

[www.arnotteurope.com](http://www.arnotteurope.com)

Industrieweg 19  
5145 PD, Waalwijk (NL)

**NL Phone:** +31 73 7850 580

**DE Phone:** +31 85 2087 438

**UK Phone:** +44 203 3186 124

**BE Phone:** +32 258 846 90

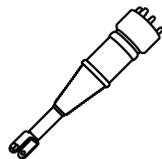
**ES Phone:** +34 91 901 10 56

**FR Phone:** +32 78 48 46 93

**Email:** [info@arnotteurope.com](mailto:info@arnotteurope.com)



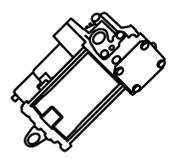
Air Springs



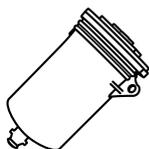
Struts



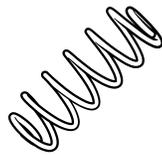
Shocks



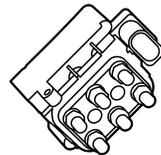
Compressors



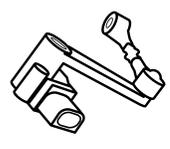
Dryers



Coil Spring  
Conversion Kits



Valve Blocks



Ride Height  
Sensors