



# INSTALLATION MANUAL

## A-5350 Arnott New Rear Air Spring Mercedes-Benz GLE/GLE Coupe/GLS-Class (C167/V167/X167)



**Engineered to Ride, Built to Last®**

# 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 SPRING REMOVAL

1. Lift the vehicle.
2. Remove the applicable wheel. (Figure 1)

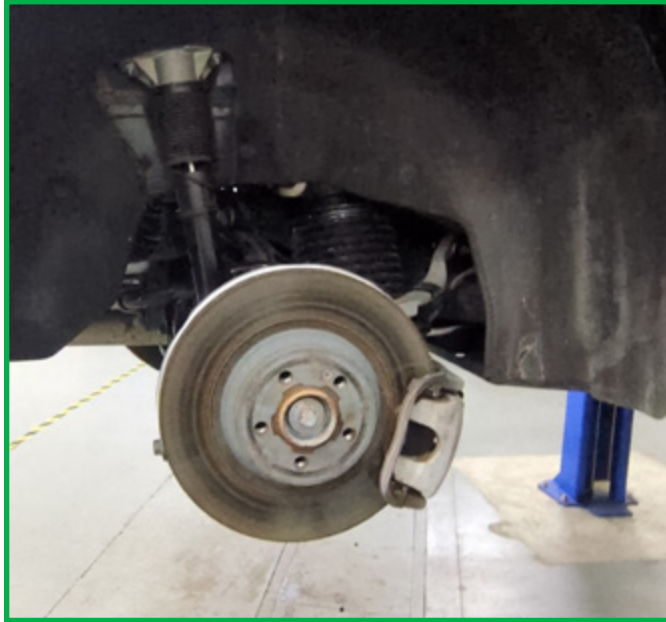


FIGURE 1

3. Disable the air suspension system and deflate the applicable air spring per manufacturer's instructions.
4. Remove the air fitting from the top of the air spring. (Figure 2)



FIGURE 2

5. Unseat the bottom of the air spring by disengaging the tabs on the lug. (Figure 3)

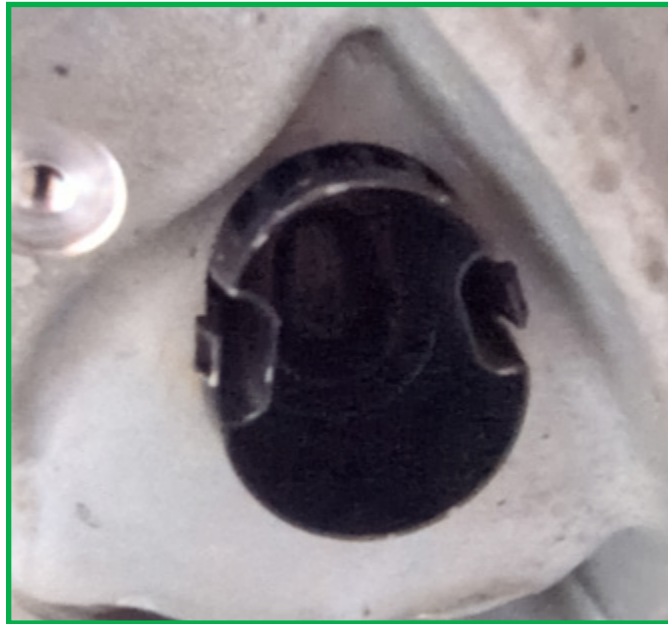


FIGURE 3

6. Disengage the top mount from the retaining clip. The clip may be discarded; a new clip is provided with the Arnott air spring. (Figure 4)



FIGURE 4

7. Remove the air spring from the vehicle. (Figure 5)



FIGURE 5

8. Removal complete.

## AIR SPRING INSTALLATION



**WARNING:**

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

1. Install the new Arnott air spring into the vehicle. Align the retaining clip in the top mount with the stud on the upper spring seat and push up to engage the clip. (Figure 6)



FIGURE 6



2. Insert the air line into the air fitting. (Figure 7)



FIGURE 7

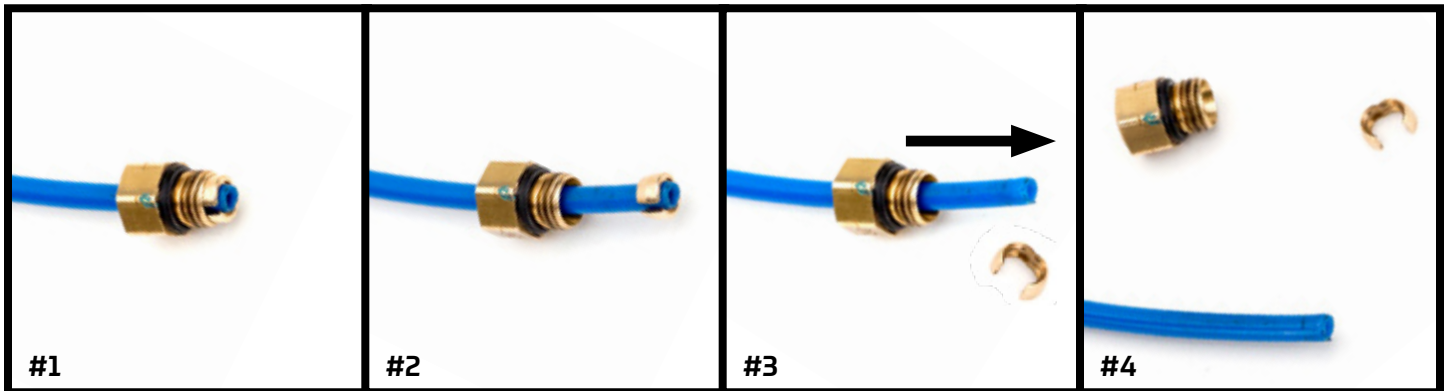
## REMOVAL



Prior to inserting the existing air line into the new air strut you will need to remove the old original equipment air line fitting and discard.

### 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.



#1  
OE AIR LINE FITTING

#2  
SLIDE THE THREADED  
PORTION UP THE LINE  
AND SPREAD THE COLLET  
OPEN TO REMOVE

#3  
SLIDE THE AIR FITTING  
OFF OF THE AIR LINE

#4  
DISCARD OE AIR LINE  
FITTING

3. Ensure the bottom lug is properly located into the lower spring seat. Using a scan tool, inflate the air spring. Verify that the top and bottom of the air spring are properly seated. (Figures 8, 9)



FIGURE 8

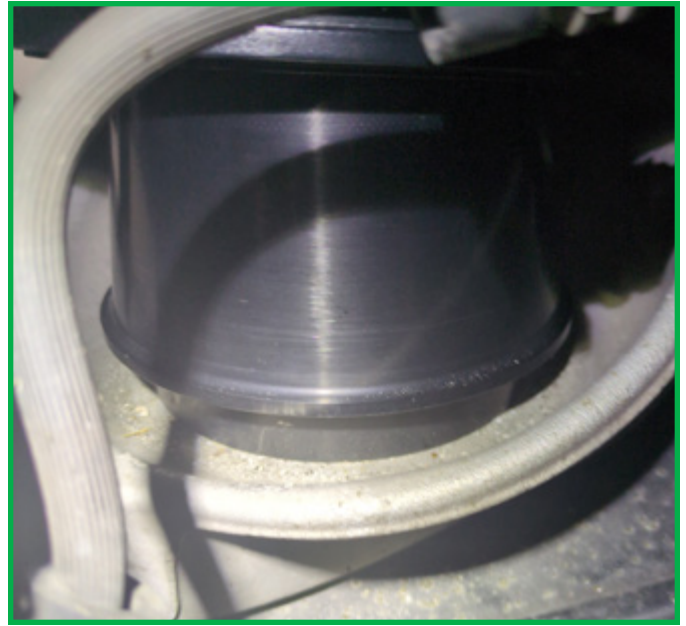


FIGURE 9

4. Reinstall the wheel.
5. Installation complete.

# 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

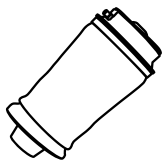
**UK Phone:** +44 203 3186 124

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

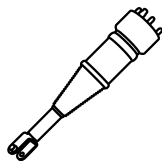
**ES Phone:** +34 91 901 10 56

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

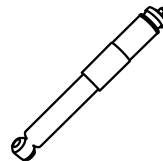
**Email:** [info@arnotteurope.com](mailto:info@arnotteurope.com)



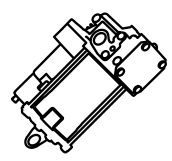
Air Springs



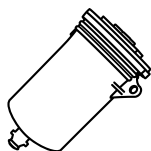
Struts



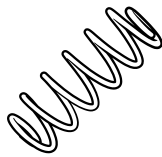
Shocks



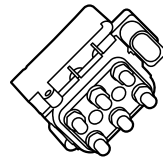
Compressors



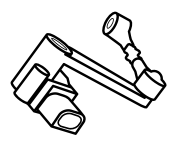
Dryers



Coil Spring  
Conversion Kits



Valve Blocks



Ride Height  
Sensors