

# Installation Manual

SK-3627  
ARNOTT  
NEW REAR SHOCK  
2013-2019 MERCEDES SL CLASS (R231)  
LT/RT



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](mailto:techassistance@arnottinc.com). (In the EU please call +31 (0)73 7850 580 or email [info@arnotteurope.com](mailto: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](http://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.*

## REAR SHOCK REMOVAL

1. REMOVE PANELING IN REAR LUGGAGE COMPARTMENT TO GAIN ACCESS TO SHOCK TOP MOUNTS. (FIGURE 1)

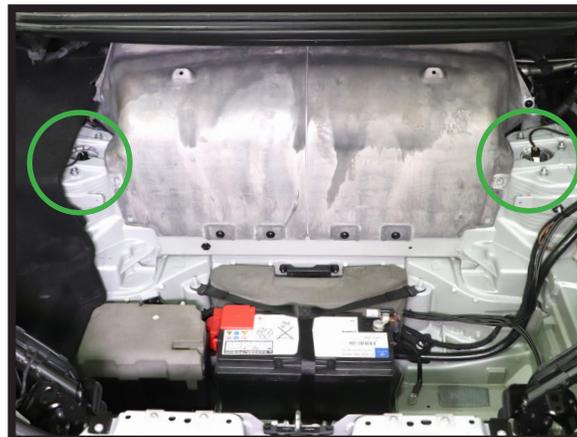


FIGURE 1

2. DISCONNECT THE ELECTRICAL CONNECTION FROM THE TOP MOUNT OF THE SHOCK. (FIGURES 2, 3)



FIGURE 2



FIGURE 3

3. RAISE VEHICLE AND REMOVE APPLICABLE REAR WHEEL. (FIGURE 4)



FIGURE 4

4. REMOVE THE BOTTOM SHOCK MOUNT BOLT. (FIGURE 5)

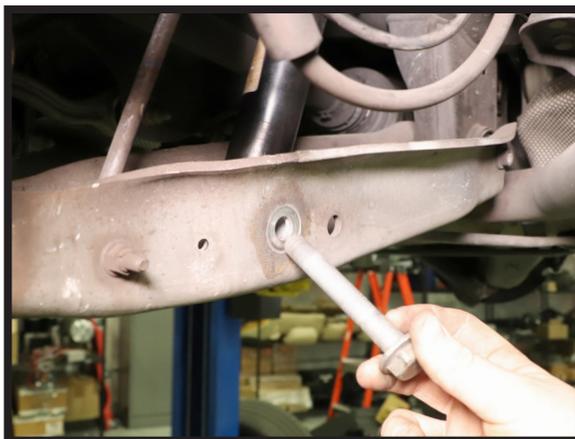


FIGURE 5

5. DISCONNECT THE SWAY BAR LINK. (FIGURE 6)



FIGURE 6

6. DISCONNECT SWING ARM FROM WHEEL CARRIER. (FIGURES 7, 8)



FIGURE 7

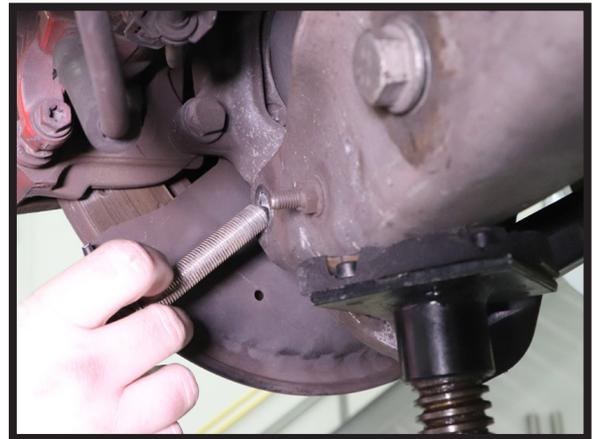


FIGURE 8

7. REMOVE THE THREE (3) TOP MOUNT NUTS. (FIGURE 9)



FIGURE 9

8. PULL DOWN ON SPRING ARM AND REMOVE THE SHOCK FROM THE VEHICLE. (FIGURE 10)

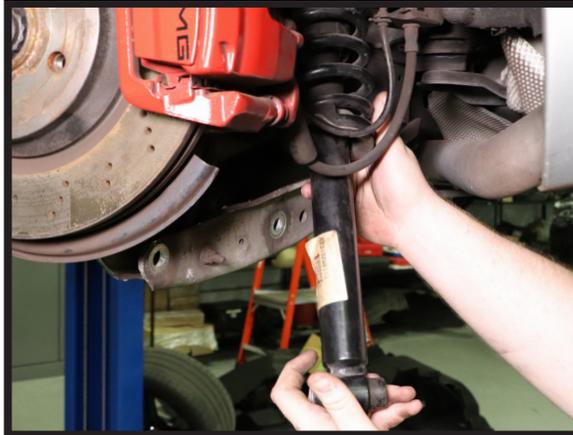


FIGURE 10

9. REMOVAL COMPLETE.

## REAR SHOCK INSTALLATION



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

1. INSERT THE NEW ARNOTT SHOCK INTO THE VEHICLE. (FIGURE 11)



FIGURE 11

2. INSTALL BOTTOM SHOCK BOLT. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURE 12)



FIGURE 12

3. RECONNECT SWAY BAR LINK. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURE 13)



FIGURE 13

4. CONNECT SWING ARM TO WHEEL CARRIER. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 14, 15)



FIGURE 14

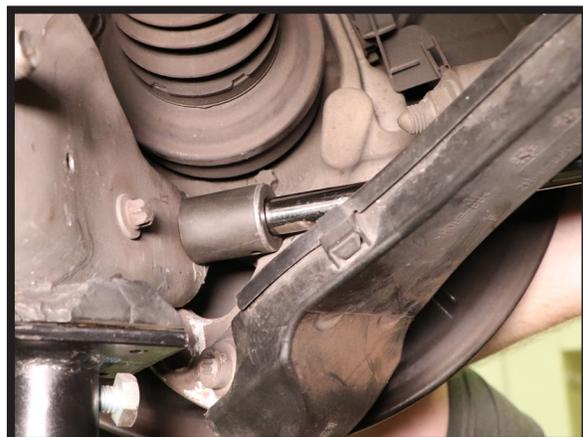


FIGURE 15

5. INSTALL THE THREE (3) PROVIDED TOP MOUNT NUTS. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURE 16)



FIGURE 16

6. CONNECT THE ELECTRICAL CONNECTION TO THE SHOCK. (FIGURE 17)



FIGURE 17

7. REINSTALL THE APPLICABLE REAR WHEEL.  
8. REINSTALL ALL APPLICABLE REAR LUGGAGE PANELING.  
9. LOWER VEHICLE.  
10. INSTALLATION COMPLETE.