

Installation Manual

SK-3601
ARNOTT
NEW FRONT RIGHT SHOCK
2013-2019 MERCEDES SL CLASS (R231)



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 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) 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.

FRONT SHOCK REMOVAL

1. RAISE VEHICLE AND REMOVE THE FRONT RIGHT WHEEL. (FIGURE 1)

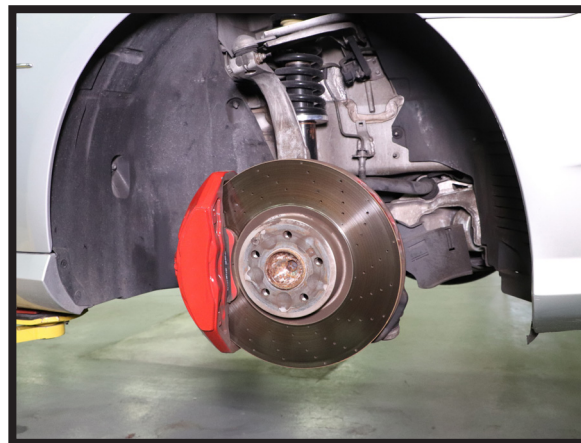


FIGURE 1

2. UNHOOK BRAKE LINE/ELECTRICAL CONNECTION BRACKET AND DISCONNECT THE ELECTRICAL CONNECTION FROM THE TOP MOUNT OF THE SHOCK. (FIGURES 2, 3)



FIGURE 2

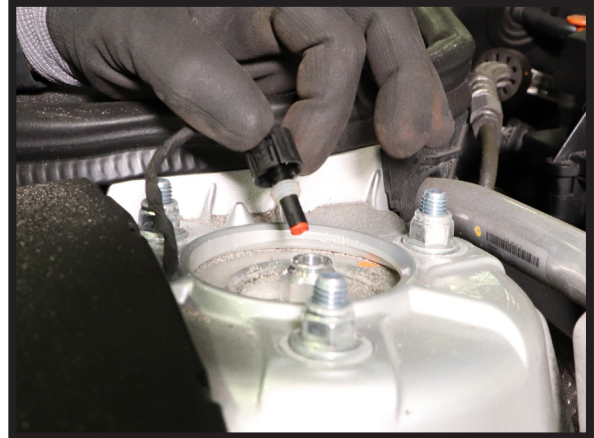


FIGURE 3

3. REMOVE THREE (3) TOP SHOCK MOUNT NUTS. (FIGURES 4, 5)

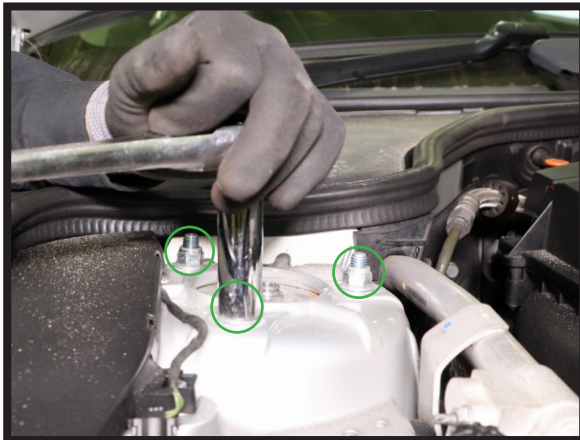


FIGURE 4



FIGURE 5

4. REMOVE THE SWAY ARM LINK BOLT AND SEPARATE. (FIGURES 6, 7)



FIGURE 6



FIGURE 7

5. REMOVE BOTTOM SHOCK MOUNT NUT/BOLT. (FIGURE 8)

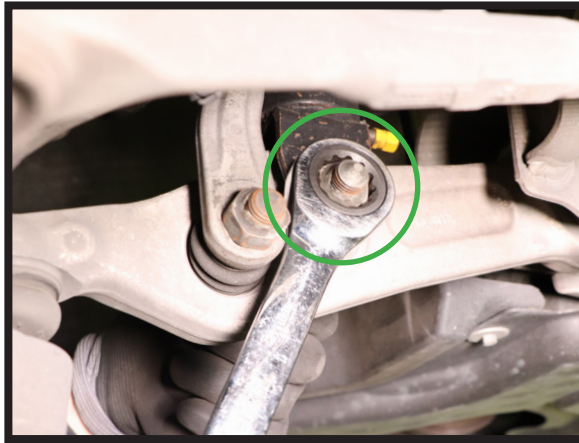


FIGURE 8

6. REMOVE THE UPPER CONTROL ARM BOLT AND SEPARATE. (FIGURES 9, 10)

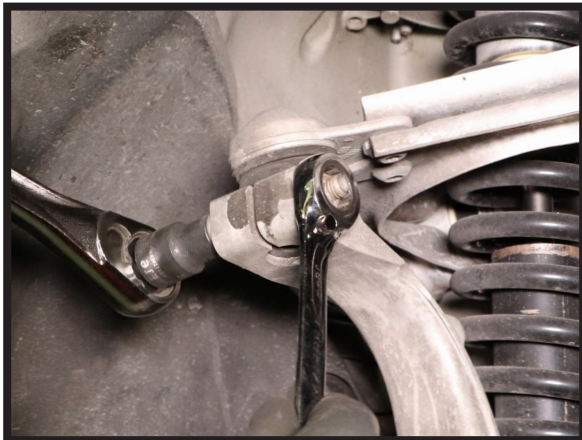


FIGURE 9



FIGURE 10

7. REMOVE THE SHOCK FROM THE VEHICLE. (FIGURE 11)



FIGURE 11

8. REMOVAL COMPLETE.

FRONT SHOCK INSTALLATION



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

1. INSERT NEW ARNOTT SHOCK INTO VEHICLE. (FIGURE 12)

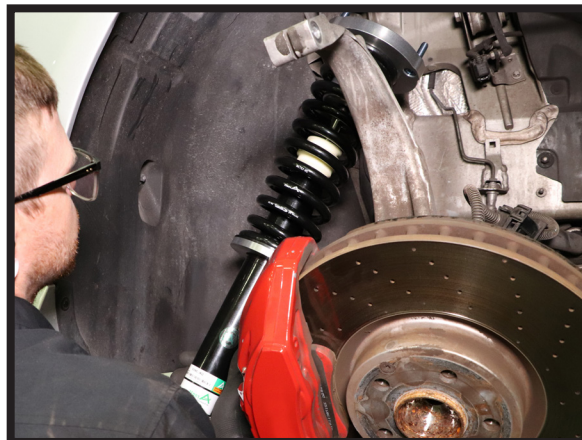


FIGURE 12

2. CONNECT THE UPPER CONTROL ARM AND TIGHTEN TO MANUFACTURER'S SPECIFICATIONS.
(FIGURE 13)



FIGURE 13

3. INSTALL BOTTOM SHOCK MOUNT BOLT. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS.
(FIGURE 14)



FIGURE 14

4. RECONNECT THE SWAY ARM LINK BOLT. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 15, 16)



FIGURE 15



FIGURE 16

5. INSTALL THE THREE (3) SUPPLIED TOP SHOCK MOUNT NUTS. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURE 17)



FIGURE 17

6. RECONNECT THE BRAKE LINE/ ELECTRICAL CONNECTION BRACKET AND CONNECT THE ELECTRICAL CONNECTION TO THE TOP MOUNT OF THE SHOCK. (FIGURES 18, 19)

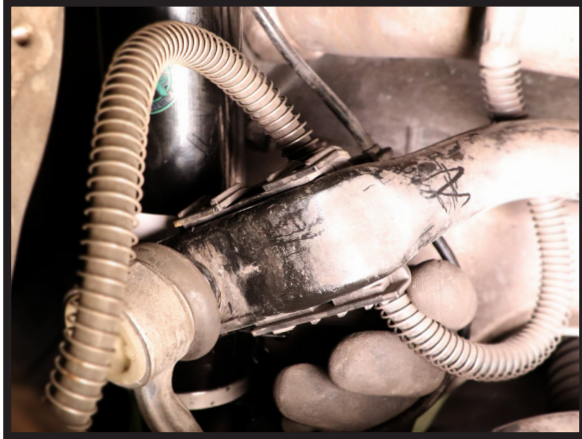


FIGURE 18



FIGURE 19

7. REINSTALL THE FRONT RIGHT WHEEL.
8. LOWER THE VEHICLE.
9. INSTALLATION COMPLETE.