

Installation Manual

K-3023 ARNOTT ELECTRONIC BYPASS MODULE MERCEDES-BENZ S550 (W221)

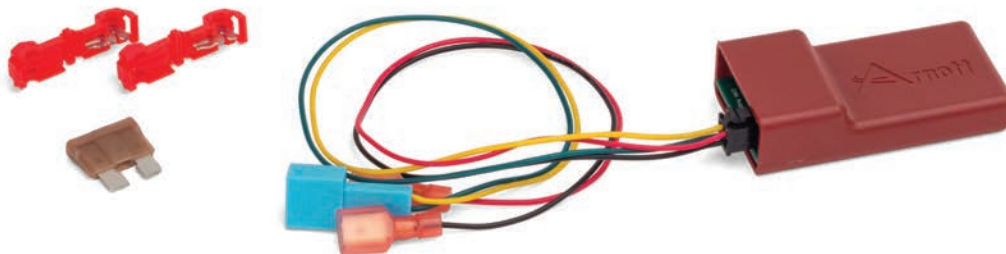


Congratulations on your purchase of an Arnott® air suspension product. We at Arnott Incorporated are proud to offer a high quality product at the industry's most competitive pricing. Thank you for your confidence in us and our product.

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) 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.

ELECTRONIC BYPASS MODULE INSTALLATION

1. REMOVE PASSENGER SIDE FLOOR MAT TO ACCESS THE KICK PLATE. (FIGURES 1, 2)



FIGURE 1



FIGURE 2

2. LOOSEN AND REMOVE THE (3) FASTENERS, THEN LAY THE KICK PLATE DOWN ON THE FLOOR BOARD TO EXPOSE THE VEHICLES AIR SUSPENSION CONTROL MODULE. (FIGURE 3, 4)

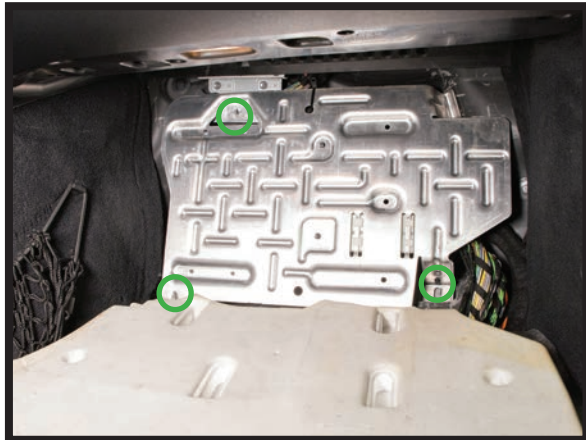


FIGURE 3



FIGURE 4

3. UNPLUG THE MODULE FROM THE VEHICLE AND INSTALL THE EBM USING THE SUPPLIED HARDWARE AND WIRING DIAGRAM. (FIGURES 5, 6)



FIGURE 5



FIGURE 6

4. SPLICE WIRES USING WIRING DIAGRAM IN STEP 5. (FIGURES 7, 8)



FIGURE 7

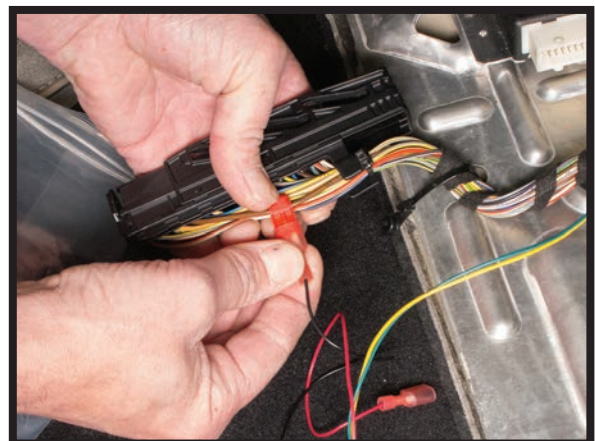


FIGURE 8

5. WIRING DIAGRAM. (FIGURE 9)

ELECTRONIC BYPASS MODULE	FROM	TO	VEHICLE'S WIRING HARNESS
	YELLOW	TWO PIN CONNECTOR (Pin 24)	
	BLUE	TWO PIN CONNECTOR (Pin 25)	
	RED	RED/WHITE (Pin 47)	
	BLACK	BROWN (Pin 21)	

FIGURE 9

NOTE: Leave air suspension control module disconnected.

6. INSIDE THE ENGINE COMPARTMENT, OPEN THE FUSE BOX AND REPLACE THE BELOW INDICATED FUSE (#46) WITH THE INCLUDED FUSE. (FIGURES 10, 11, 12, 13)



FIGURE 10



FIGURE 11

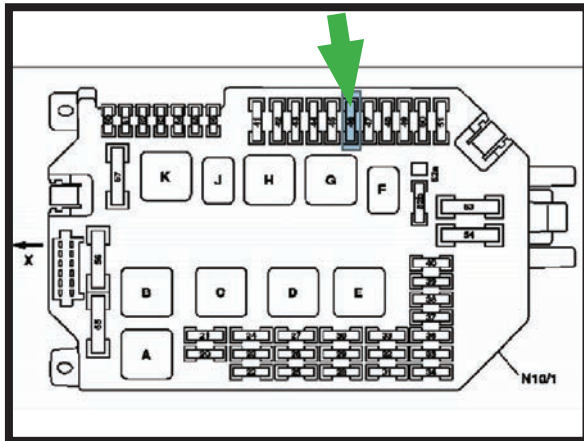


FIGURE 12

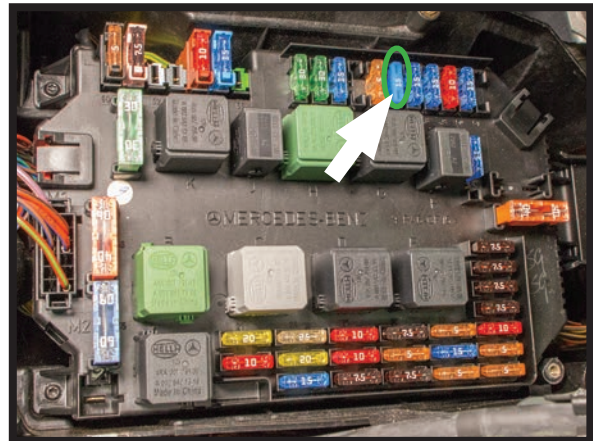


FIGURE 13

7. ELECTRONIC BYPASS MODULE INSTALLATION COMPLETE.