

Installation Manual

MR-3568
NEW FRONT MAGNETIC SHOCK W/SPRING
2007-2014 CADILLAC/CHEVY/GMC SUV'S
SWB/LWB (GMT9XX) - W/MAGNERIDE 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](tel: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.

DISCLAIMER:

THE PRODUCT SHOWN IN THE INSTALLATION STEPS BELOW MAY LOOK DIFFERENT THAN THE PART YOU ARE INSTALLING. THE INSTALLATION STEPS ARE THE SAME AND ALL NOTICES AND WARNINGS SHOULD BE ADHERED TO IN THE SAME MANNER.

MAGNETIC SHOCK REMOVAL

1. RAISE VEHICLE AND REMOVE APPLICABLE FRONT WHEEL TO EXPOSE THE FRONT COIL STRUT. (FIGURES 1, 2)



FIGURE 1

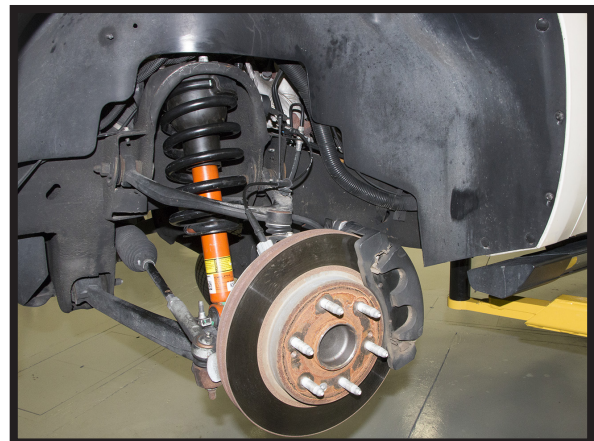


FIGURE 2

2. LIFT THE HOOD TO EXPOSE THE TOP OF THE COIL STRUT. LOCATE AND DISCONNECT THE ELECTRICAL CONNECTOR. (FIGURES 3, 4)

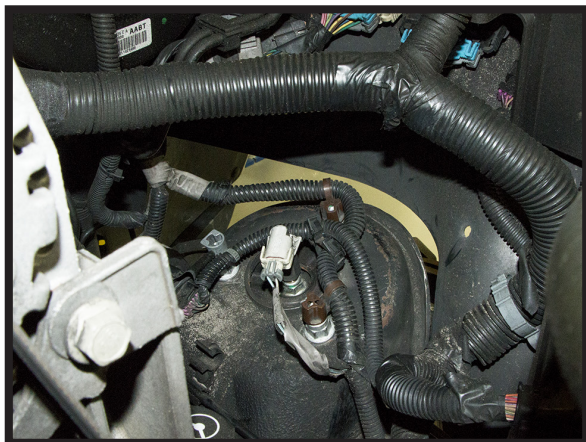


FIGURE 3



FIGURE 4

3. REMOVE THE 3 WIRE CLIPS AND TOP MOUNTING NUTS. (FIGURES 5, 6, 7)

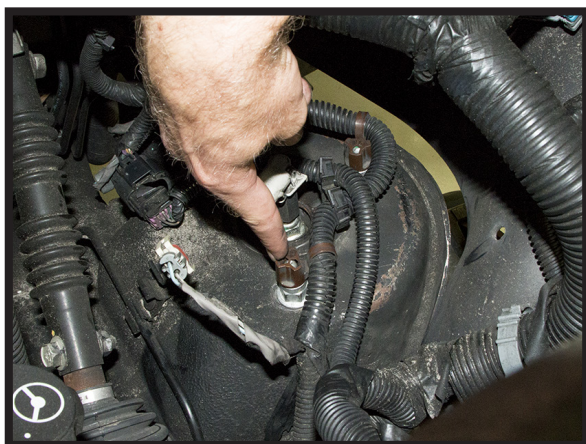


FIGURE 5

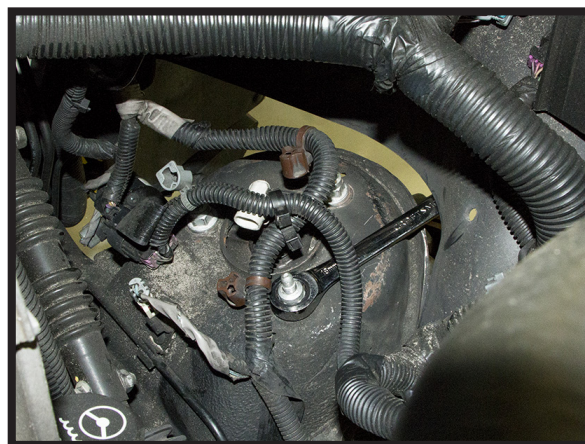


FIGURE 6



FIGURE 7

4. REMOVE THE TWO (2) LOWER MOUNTING BOLTS. (FIGURES 8, 9)



FIGURE 8



FIGURE 9

5. LOOSEN, DO NOT REMOVE, THE SWAY BAR END LINK HARDWARE. (FIGURE 10)



FIGURE 10

6. CAREFULLY REMOVE COIL STRUT FROM THE VEHICLE. (FIGURE 11)

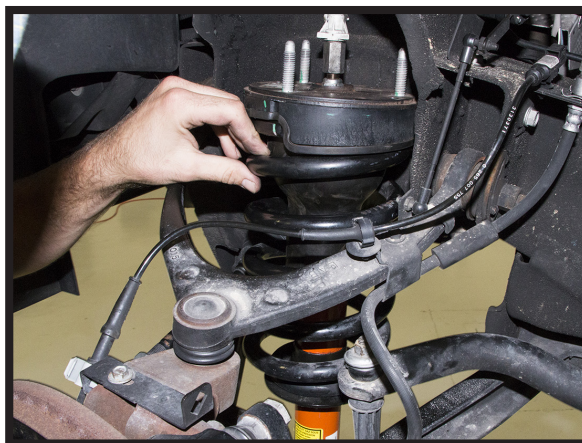


FIGURE 11

7. RELEASE CLIP AND REMOVE THE TOP ELECTRICAL CONNECTOR AND SAVE FOR REUSE.
(FIGURES 12, 13)

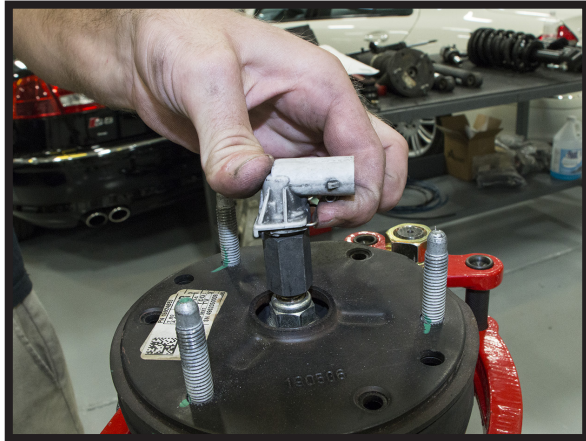


FIGURE 12



FIGURE 13

8. REMOVAL COMPLETE.

MAGNETIC SHOCK INSTALLATION



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

1. REMOVE THE SUPPLIED TOP NUTS FROM THE SHOCK. (FIGURE 14)



FIGURE 14

2. PLACE THE SHOCK IN THE VEHICLE ORIENTATED IN THE SAME MANNER AS REMOVED. (FIGURES 15, 16)



FIGURE 15



FIGURE 16

3. POSITION THE T-BAR ON TOP OF THE CONTROL ARM TO ENSURE PROPER MOUNTING. (FIGURE 17)

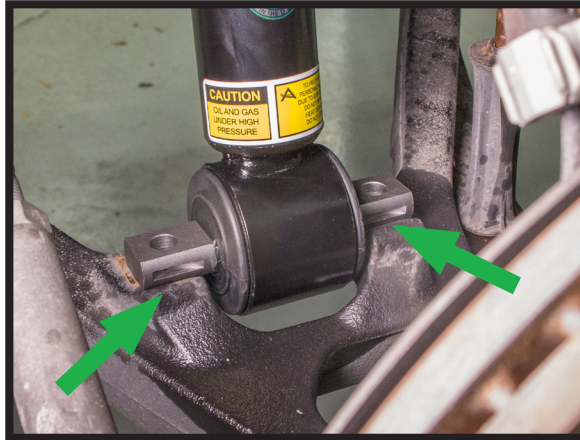


FIGURE 17

4. REINSTALL PREVIOUSLY REMOVED BOLTS UP THROUGH THE LOWER CONTROL ARM. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 18, 19)



FIGURE 18



FIGURE 19

5. TIGHTEN THE SWAY BAR END LINK. (FIGURE 20)

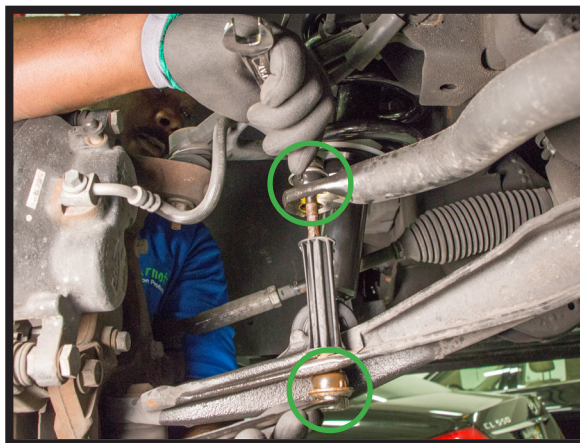


FIGURE 20

6. INSTALL THE SUPPLIED TOP NUTS AND TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURE 21)

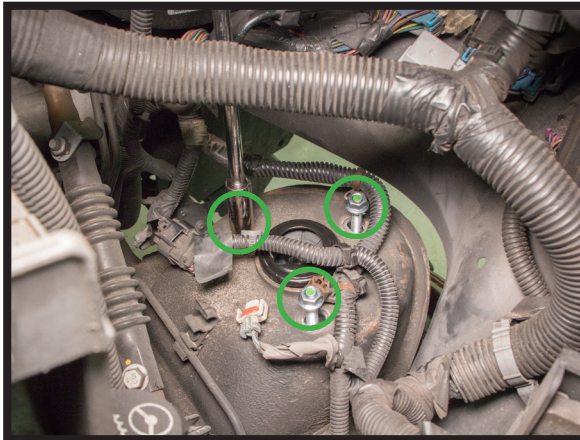


FIGURE 21

7. REINSTALL THE TOP ELECTRICAL CONNECTOR CLIP TO THE TOP OF THE SHOCK ROD. PLACE THE HARNESS RETENTION CLIPS BACK INTO PLACE OVER THE TOP NUTS AND RECONNECT THE ELECTRICAL CONNECTION. (FIGURE 22)



FIGURE 22

8. REINSTALL THE APPLICABLE WHEEL.
9. LOWER THE VEHICLE.
10. INSTALLATION COMPLETE.