



# INSTALLATION MANUAL

**SK-3354**

**Arnott New Front Coil-Over Strut  
GM Short Wheelbase (RWD) SUV's  
(K2xx, w/MagneRide)**



**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.

## **AVOID WARNING LIGHTS**

**QUALIFIED MECHANIC MUST PERFORM TRIM HEIGHT RELEARN PROCEDURE**

### **SHOCK REMOVAL**

1. Lift vehicle and remove applicable front wheel. (FIGURE 1)



FIGURE 1

2. Unroute and disconnect the electrical connection. (FIGURES 2, 3)



FIGURE 2



FIGURE 3

3. Remove the three (3) top mount nuts. (FIGURES 4, 5)



FIGURE 4



FIGURE 5

4. Remove the two (2) bottom mount bolts. (FIGURES 6, 7)

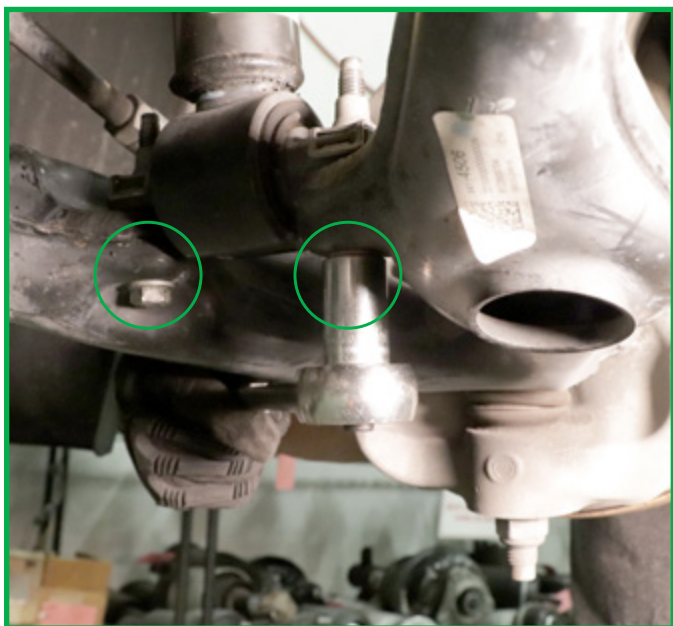


FIGURE 6



FIGURE 7

5. Remove the shock assembly from the vehicle. (FIGURE 8)



FIGURE 8

6. Removal complete.



# SHOCK INSTALLATION



**WARNING:**

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

1. Install the assembled shock on to the vehicle. (FIGURE 9)



FIGURE 9

2. Reinstall the two (2) bottom mount bolts. Tighten to manufacturer's specifications. (FIGURE 10)

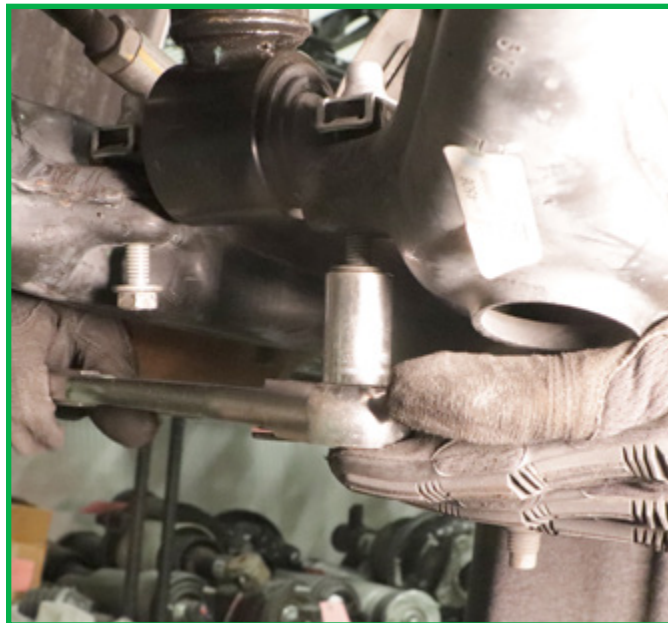


FIGURE 10

3. Reinstall the three (3) top mount nuts. Tighten to manufacturer's specifications. (FIGURES 11, 12)



FIGURE 11



FIGURE 12

4. Reroute and connect the electrical connection. (FIGURES 13, 14)



FIGURE 13



FIGURE 14

5. Reinstall the applicable front wheel.
6. Lower the vehicle.
7. Installation complete.

**AVOID WARNING LIGHTS**

**QUALIFIED MECHANIC MUST PERFORM TRIM HEIGHT RELEARN PROCEDURE**



# Arnott®

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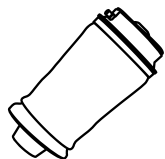
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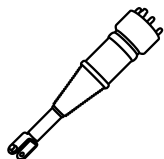
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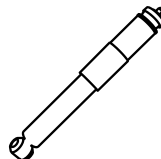
**Email:** [info@arnotteurope.com](mailto:info@arnotteurope.com)



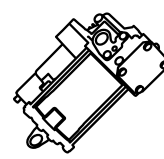
Air Springs



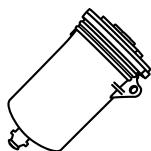
Struts



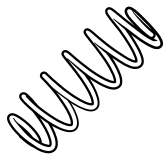
Shocks



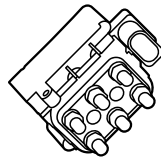
Compressors



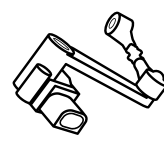
Dryers



Coil Spring  
Conversion Kits



Valve Blocks



Ride Height  
Sensors