



INSTALLATION MANUAL

SK-4076 Arnott New Rear Coil Strut Assembly Various GM SUVs (GMT1xx)



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 and 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.

For vehicles with a "Closed Air Supply System," replacement of components requires proper adherence to procedures set forth within OE servicing literature. Failure to comply with the OE prescribed procedures can result in component damage and/or failure.

STRUT REMOVAL

1. Raise the vehicle.
2. Remove the applicable wheel. (Figure 1)



FIGURE 1

3. Disconnect the two brackets holding the brake line to the lower control arm. (Figure 2)



FIGURE 2

4. Remove the lower control arm to wheel knuckle bolt. Remove the lower strut bolt. (Figure 3)



FIGURE 3

5. Disconnect the electrical connector from the top of the strut. Remove the three top nuts from the strut. (Figures 4, 5)



FIGURE 4

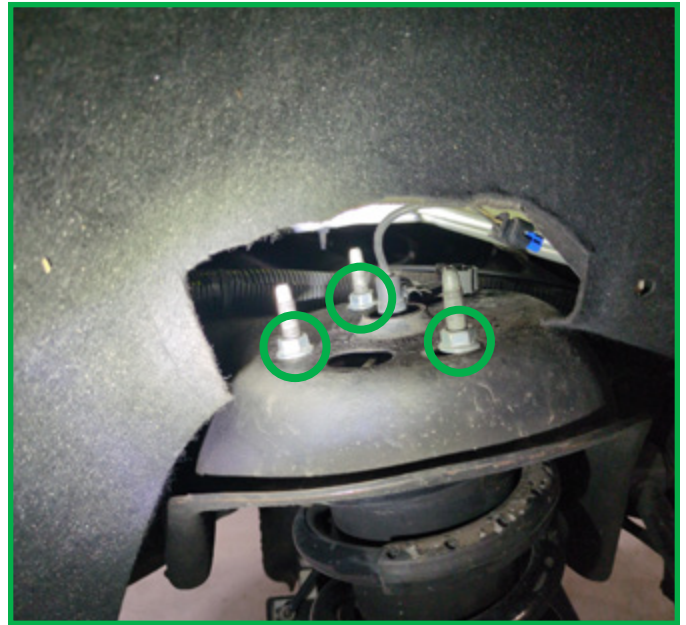


FIGURE 5

6. Remove the strut from the vehicle. (Figure 6)

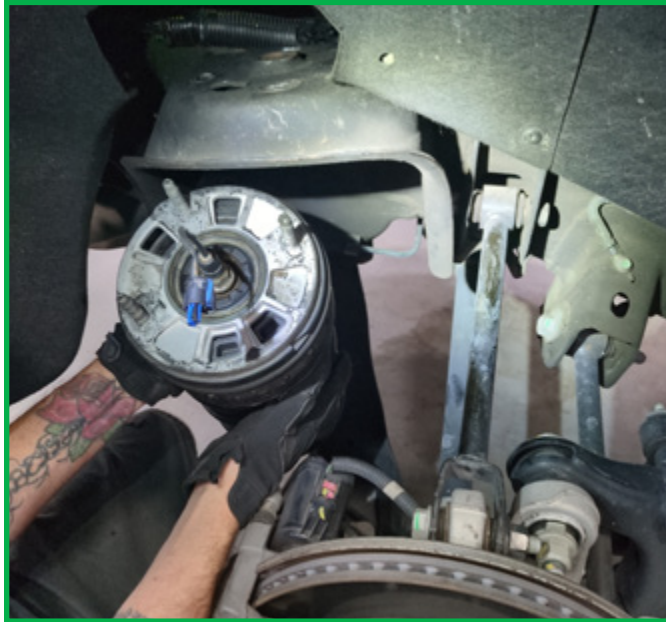


FIGURE 6

7. Removal complete.

STRUT INSTALLATION



WARNING:

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

1. Install the new Arnott strut into the vehicle. (Figure 7)



FIGURE 7

2. Loosely thread the new included top nuts on to secure the strut in position. (Figure 8)



FIGURE 8

3. Install the lower strut bolt and lower control arm to wheel knuckle bolt. Final tightening should be performed at normal trim height. (Figure 9)



FIGURE 9

4. Install the included bypass coil onto the shock rod. A light duty thread lock compound is recommended. (Figures 10, 11)



FIGURE 10



FIGURE 11

5. Connect the bypass coil to the electrical connector. (Figure 12)

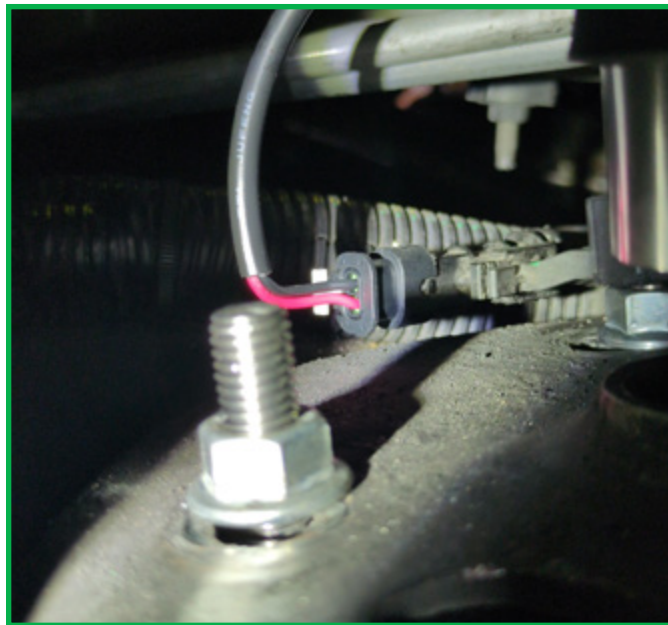


FIGURE 12

6. Reconnect the brake line brackets to the lower control arm. (Figure 13)

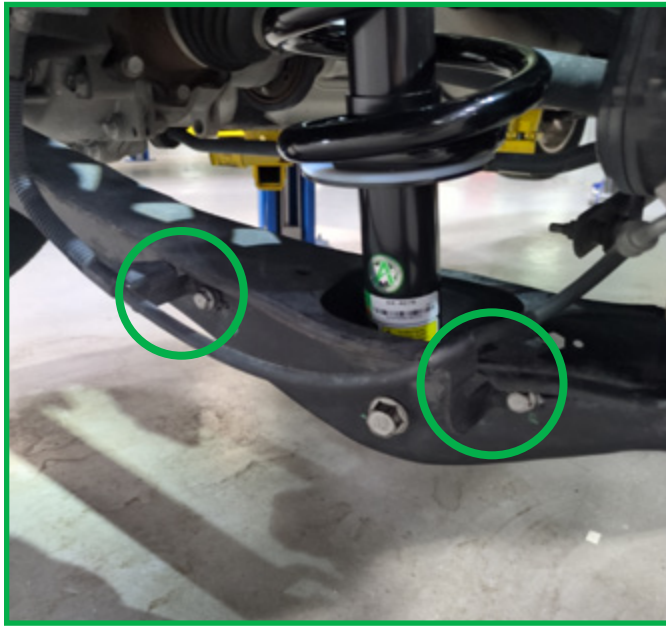


FIGURE 13

7. Tighten all hardware to manufacturer's specifications.
8. Install the wheel.
9. Installation complete.

Arnott®

Suspension Products

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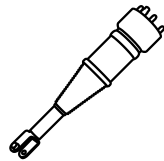
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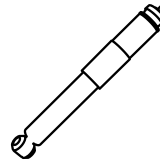
Email: info@arnotteurope.com



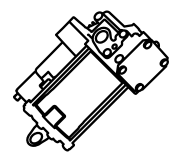
Air Springs



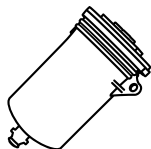
Struts



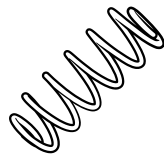
Shocks



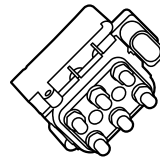
Compressors



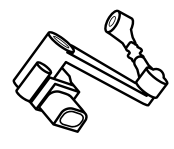
Dryers



Coil Spring
Conversion Kits



Valve Blocks



Ride Height
Sensors