

Installation Manual

SK-2814
ARNOTT FRONT SHOCK KIT
FOR 2000-2006
VARIOUS GM FULL SIZE SUVs



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](tel:800-251-8993) during normal business hours or email techassistance@arnottinc.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.

FRONT SHOCK REMOVAL

1. SET STEERING TO STRAIGHT.
2. RAISE VEHICLE.
3. REMOVE THE FRONT WHEEL. (FIGURE 10-1)



FIGURE 10-1

4. LOCATE AND REMOVE THE UPPER SHOCK SENSOR PLUG. TURN THE PLUG COUNTER CLOCKWISE TO UNLOCK IT FROM THE SHOCK. (FIGURES 10-2, 10-3)



FIGURE 10-2



FIGURE 10-3

5. SUPPORT THE LOWER A-ARM WITH A JACK OR OTHER SUITABLE DEVICE TO RELIEVE PRESSURE FROM THE SHOCK'S MOUNTING POINTS. (FIGURE 10-4)



FIGURE 10-4

6. REMOVE THE UPPER MOUNTING NUT, WASHER, AND RUBBER ISOLATOR. (FIGURES 10-5, 10-6)



FIGURE 10-5



FIGURE 10-6

7. REMOVE THE LOWER SHOCK MOUNTING NUT AND BOLT. (FIGURES 10-7, 10-8)



FIGURE 10-7



FIGURE 10-8

8. REMOVE THE SHOCK FROM THE VEHICLE. (FIGURE 10-9)



FIGURE 10-9

FRONT SHOCK INSTALLATION



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

1. INSTALL THE SHOCK IN REVERSE ORDER OF REMOVAL.

COIL SENSOR INSTALLATION

1. RAISE THE HOOD TO ACCESS THE TOP SHOCK ROD. THREAD THE COIL SENSOR ONTO THE TOP OF THE SHOCK ROD UNTIL SECURE. (FIGURES 11-1, 11-2)



FIGURE 11-1



FIGURE 11-2

2. CONNECT THE ELECTRICAL CONNECTOR TO THE COIL SENSOR. INSTALLATION COMPLETE. (FIGURE 11-3, 11-4)



FIGURE 11-3



FIGURE 11-4