

# Installation Manual

## AS-2715 ARNOTT PASSIVE REAR AIR SHOCK FOR 2000-2013 VARIOUS GM SUVs



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.*

#### KIT CONTAINS:

#### PARTS LIST

P/N	QTY	DESCRIPTION
21-7097	1	ARNOTT PASSIVE REAR AIR SHOCK
21-7098	1	ACCESSORY KIT

**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 during normal business hours or email [techassistance@arnottinc.com](mailto:techassistance@arnottinc.com). (In the EU please call +31 (0)73 7850 580 or email [info@arnotteurope.com](mailto: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](http://www.arnottinc.com).

- 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.*



*This vehicle contains 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.*

## AIR SHOCK REMOVAL

1. SET STEERING TO STRAIGHT AHEAD.
2. LIFT VEHICLE AND REMOVE REAR WHEEL. (FIGURE 1)



FIGURE 1

3. LOCATE AND REMOVE THE AIR LINE TO DEFLATE THE AIR SHOCK. TURN THE METAL CLIP APPROX. 90° TO REMOVE THE AIR LINE FITTING FROM THE AIR SHOCK. (FIGURE 2)

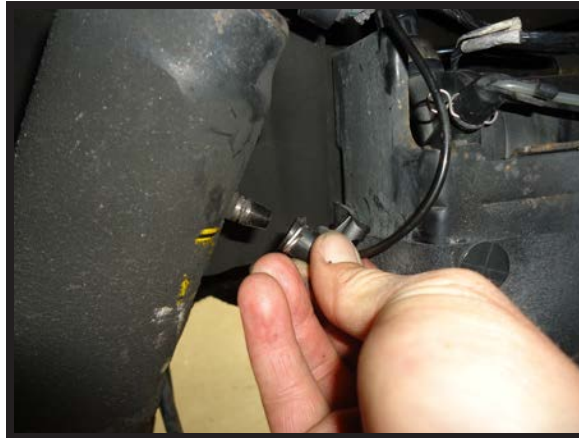


FIGURE 2

4. LOCATE AND REMOVE THE ELECTRICAL CONNECTOR FROM THE TOP OF THE AIR SHOCK. (FIGURE 3)



FIGURE 3

5. LOOSEN AND REMOVE THE UPPER AND LOWER SHOCK MOUNTING NUTS. (FIGURE 4)



FIGURE 4

6. SUPPORT THE AXLE TO RELIEVE PRESSURE FROM THE AIR SHOCK'S MOUNTING POINTS. REMOVE THE UPPER AND LOWER AIR SHOCK MOUNTING BOLTS. (FIGURE 5)



FIGURE 5

7. REMOVE THE AIR SHOCK FROM THE VEHICLE. (FIGURE 6)



FIGURE 6

8. REMOVAL COMPLETE.

## AIR SHOCK INSTALLATION



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

1. INSTALL THE AIR SHOCK INTO THE VEHICLE. THE AIR LINE FITTING SHOULD BE FACING THE REAR OF THE VEHICLE. (FIGURE 7)



FIGURE 7

2. INSTALL UPPER AND LOWER AIR SHOCK BOLTS/NUTS AND TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 8, 9)



FIGURE 8



FIGURE 9

3. REATTACH AIR LINE, ENSURING RETENTION CLIP IS PROPERLY ORIENTED IN THE GROOVES. (FIGURE 10)



FIGURE 10

4. ATTACH DAMPENING SENSOR LEAD AND, USING THE SUPPLIED ZIPTIES, SECURE IN A SUITABLE LOCATION THAT IS CLEAR OF MOVING PARTS AND SOURCES OF HEAT. (FIGURES 11, 12)



FIGURE 11



FIGURE 12

5. REPLACE REAR WHEEL.  
6. LOWER VEHICLE.  
7. INSTALLATION COMPLETE.