

Installation Manual

SK-3556
ARNOTT
NEW REAR SHOCK
2013-2019 RAM 1500 (DS)
W/AIR & 4WD



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) 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.

NOTE: REFER TO THE SERVICE MANUAL FOR PROPER DEFLATION PROCEDURE.

1. DEFLATE APPLICABLE AIR SPRING PER MANUFACTURER'S SPECIFICATIONS. REFER TO THE VEHICLE'S SERVICE MANUAL.
2. RAISE VEHICLE AND REMOVE THE APPLICABLE REAR WHEEL. (FIGURE 1)

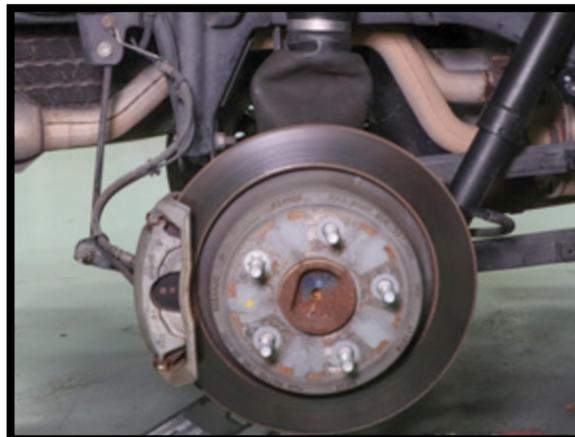


FIGURE 1

3. REMOVE WHEEL WELL LINER. (FIGURE 2)



FIGURE 2

4. USE A STAND OR HYDRAULIC JACK TO SUPPORT THE REAR AXLE. (FIGURE 3)



FIGURE 3

5. REMOVE UPPER SHOCK BOLT. (FIGURES 4, 5)

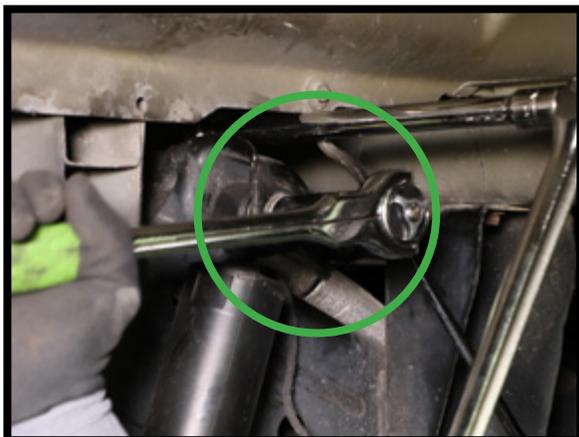


FIGURE 4



FIGURE 5

6. REMOVE THE LOWER SHOCK BOLT. (FIGURES 6, 7)



FIGURE 6

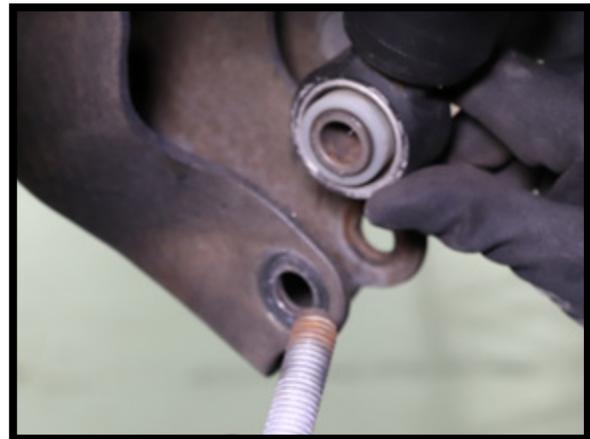


FIGURE 7

7. REMOVE SHOCK. (FIGURE 8)

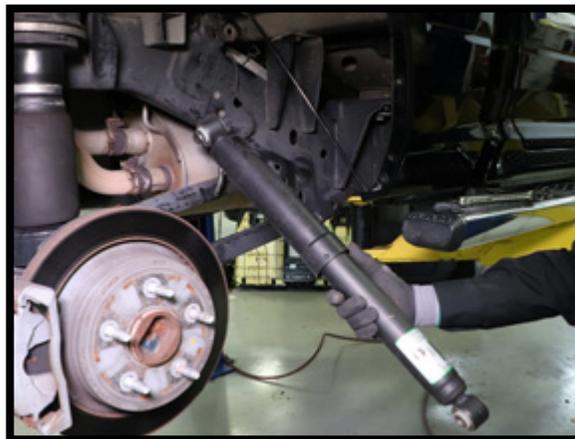


FIGURE 8

8. REMOVAL COMPLETE.

REAR ARNOTT SHOCK INSTALLATION



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

1. INSTALL THE ARNOTT SHOCK AND UPPER SHOCK BOLT AND TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 9, 10)



FIGURE 9



FIGURE 10

2. INSTALL LOWER SHOCK BOLT AND NUT. TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 11, 12) THEN REMOVE STAND OR HYDRAULIC JACK SUPPORTING THE REAR AXLE.



FIGURE 11



FIGURE 12

3. REINSTALL THE WHEEL WELL LINER. (FIGURE 13)



FIGURE 10

NOTE: REFER TO THE SERVICE MANUAL FOR PROPER INFLATION PROCEDURE.

4. INFLATE APPLICABLE AIR SPRING TO MANUFACTURER'S SPECIFICATIONS. USE THE MANUFACTURER'S PROCEDURES TO FILL THE CLOSED AIR SYSTEM AS NEEDED.
5. REINSTALL APPLICABLE WHEEL.
6. LOWER VEHICLE.
7. INSTALLATION COMPLETE.