

Congratulations on your purchase of an Arnott<sup>®</sup> 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<sup>®</sup>"**



**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<sup>®</sup> 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** 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) 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.*

## AIR SUSPENSION COMPRESSOR REMOVAL

1. RAISE THE VEHICLE.
2. REMOVE THE MUD GUARD. (FIGURE 1)



FIGURE 1

3. REMOVE THE COMPRESSOR COVER. (FIGURES 2, 3)

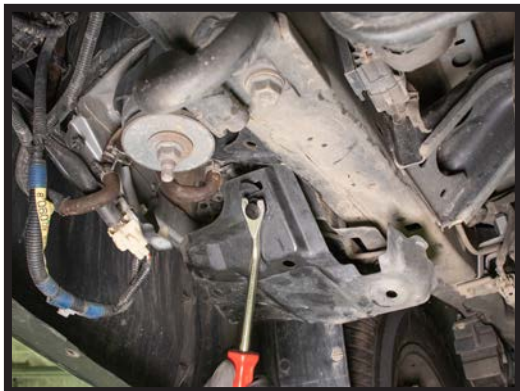


FIGURE 2

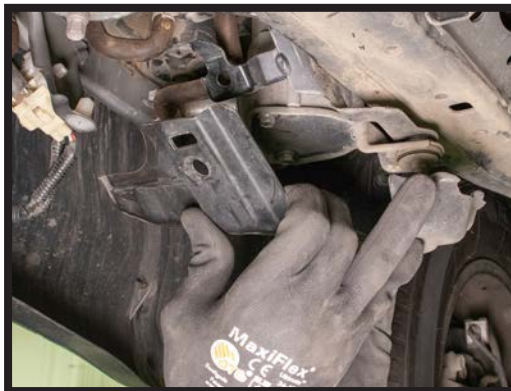


FIGURE 3

4. REMOVE THE UPPER AND LOWER ELECTRICAL CONNECTORS. (FIGURES 4, 5)

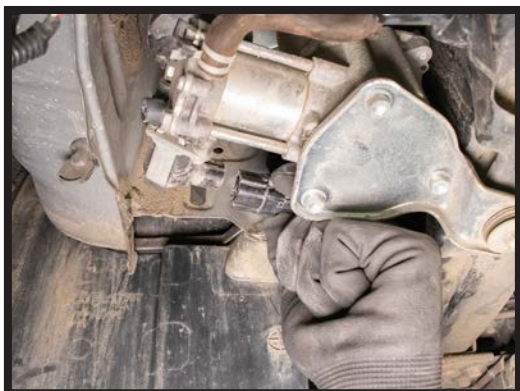


FIGURE 4



FIGURE 5

**NOTE:**

*THE ELECTRICAL CONNECTOR AS SEEN IN FIGURE 5 IS LOCATED ABOVE THE FRAME RAIL.*

5. LOOSEN AND REMOVE THE THREE BRACKET BOLTS. (FIGURES 6, 7, 8)



FIGURE 6

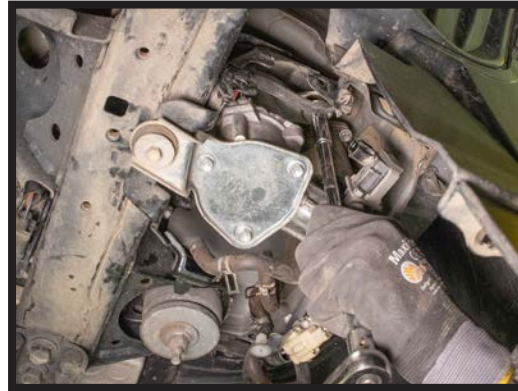


FIGURE 7

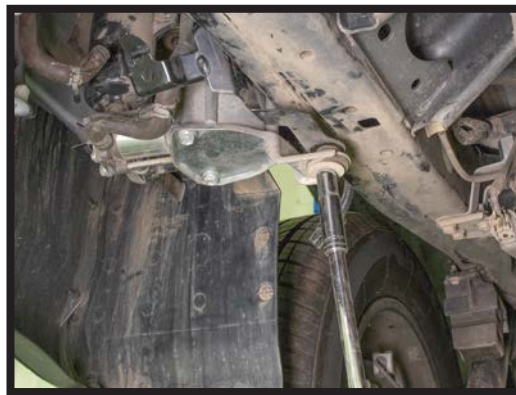


FIGURE 8

6. REMOVE THE AIR LINE FROM THE DRYER. (FIGURE 9)



FIGURE 9



7. REMOVE THE AIR LINE FROM THE FILTER. (FIGURE 10)



FIGURE 10

8. REMOVE THE FILTER. (FIGURE 11)



FIGURE 11

9. REMOVE THE COMPRESSOR FROM THE VEHICLE. (FIGURE 12)



FIGURE 12

10. INSTALLATION COMPLETE.

## AIR SUSPENSION COMPRESSOR DISASSEMBLY

1. REMOVE THE BOLT HOLDING THE DRYER TO THE COMPRESSOR. (FIGURE 13)



FIGURE 13

2. REMOVE THE DRYER. (FIGURE 14)



FIGURE 14

3. REMOVE THE AIR HOSE FROM THE AIR COMPRESSOR AND SET ASIDE. (FIGURE 15)



FIGURE 15

4. REMOVE THE THREE RUBBER ISOLATORS AND SAVE FOR COMPRESSOR ASSEMBLY.  
(FIGURES 16, 17, 18)



FIGURE 16



FIGURE 17



FIGURE 18

5. COMPRESSOR DISASSEMBLY COMPLETE.



## AIR SUSPENSION COMPRESSOR ASSEMBLY

1. INSTALL THE THREE PREVIOUSLY USED RUBBER ISOLATORS ONTO THE COMPRESSOR.  
(FIGURES 19, 20, 21)



FIGURE 19



FIGURE 20



FIGURE 21

2. REMOVE THE RUBBER CAP FROM THE COMPRESSOR AND INSTALL THE AIR HOSE.  
(FIGURES 22, 23)



FIGURE 22



FIGURE 23



3. REMOVE THE CAP FROM THE COMPRESSOR AND INSTALL THE DRYER. (FIGURES 24, 25)



FIGURE 24



FIGURE 25

4. REINSTALL THE BOLT THAT HOLDS THE DRYER TO THE COMPRESSOR AND TIGHTEN TO 6.4 N.M. (FIGURE 26)



FIGURE 26

5. COMPRESSOR ASSEMBLY COMPLETE.

## AIR SUSPENSION COMPRESSOR INSTALLATION



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



*Do not remove the air fitting from the air suspension compressor. Doing so may cause damage and/or void warranty. Remove the white shipping pin from the new air fitting and insert the air line until fully seated.*

1. INSTALL THE COMPRESSOR INTO THE VEHICLE AND REINSTALL THE DRYER HOSE. (FIGURE 27)



FIGURE 27

2. INSTALL THE COMPRESSOR BRACKET BOLTS AND TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 28, 29, 30)

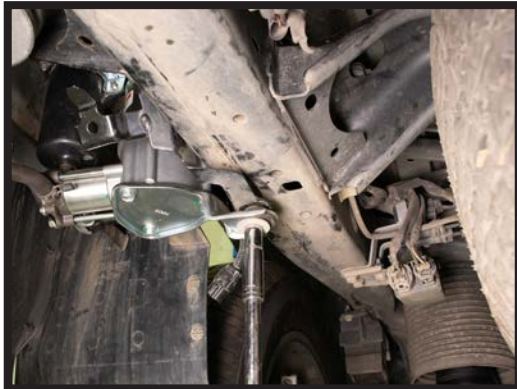


FIGURE 28



FIGURE 29



FIGURE 30

3. REINSTALL THE FILTER. (FIGURE 31)



FIGURE 31

4. REINSTALL THE FILTER HOSE. (FIGURE 32)

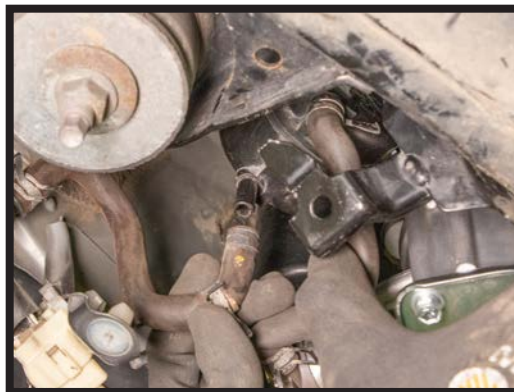


FIGURE 32



5. REINSTALL THE UPPER AND LOWER ELECTRICAL CONNECTORS. (FIGURES 33, 34)



FIGURE 33



FIGURE 34

**NOTE:**

*THE ELECTRICAL CONNECTOR AS SEEN IN FIGURE 33 IS LOCATED ABOVE THE FRAME RAIL.*

6. REINSTALL THE COMPRESSOR COVER. (FIGURES 35, 36)



FIGURE 35

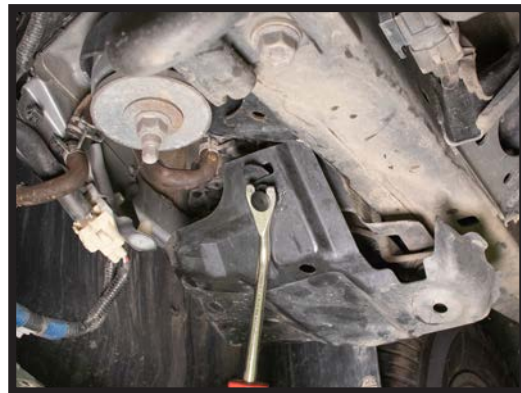


FIGURE 36



7. REINSTALL THE MUD GUARD. (FIGURE 37)



FIGURE 37

8. LOWER THE VEHICLE.
9. INSTALLATION COMPLETE.



## WARNING



### **CRACKED AIR SPRINGS MUST BE CHANGED TO VALIDATE THE WARRANTY ON THE COMPRESSOR**

PLEASE READ ADDITIONAL WARRANTY INFORMATION ON THE BACK OF YOUR INVOICE



### **PROPER PROCEDURE FOR ASSESSING YOUR AIR SPRINGS CONDITION:**

1. TURN OFF AIR SUSPENSION SWITCH IF EQUIPPED.
2. REFER TO OWNER'S MANUAL FOR PROPER LIFTING TECHNIQUES AND JACKING POINTS.
3. RAISE THE VEHICLE.
4. INSPECT AIR SPRINGS FOR ANY TYPE OF CRACKS OR EXCESSIVE WEAR. CRACKS IN AIR SPRINGS ARE EVIDENT IF THEY ARE LEAKING. THIS WILL CAUSE THE COMPRESSOR TO OVERHEAT FROM CONTINUOUS OPERATION.

Arnott<sup>®</sup> 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** during normal business hours or email [techassistance@arnottinc.com](mailto:techassistance@arnottinc.com).  
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