

# Installation Manual

P-3243  
ARNOTT  
AIR SUSPENSION COMPRESSOR  
2013-2019 CADILLAC XTS (EPSILON II)



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 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.*

## AIR SUSPENSION COMPRESSOR REMOVAL

1. RAISE VEHICLE.
2. REMOVE LEFT SIDE REAR WHEEL. (FIGURE 1)



FIGURE 1

3. LOOSEN AND REMOVE THE FASTENERS HOLDING THE INNER FENDER WELL AND THE REAR LOWER PLASTIC SHIELD TO EXPOSE THE VEHICLES AIR SUSPENSION COMPRESSOR. (FIGURE 2)



FIGURE 2

4. DISCONNECT THE ELECTRICAL CONNECTION. (FIGURES 3, 4)



FIGURE 3



FIGURE 4

5. UNROUTE THE EXHAUST HOSE FROM THE FRAME FOR REMOVAL. (FIGURES 5, 6)



FIGURE 5



FIGURE 6

6. DISCONNECT THE AIR FITTINGS AND LINES FROM BOTH (2) REAR AIR SPRINGS. UNCLIP AND UNROUTE THE AIR LINES FROM THE FRAME FOR REMOVAL. (FIGURES 7, 8, 9, 10)



FIGURE 7

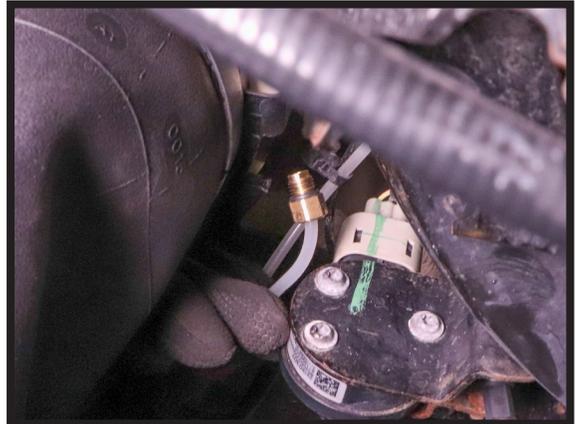


FIGURE 8



FIGURE 9

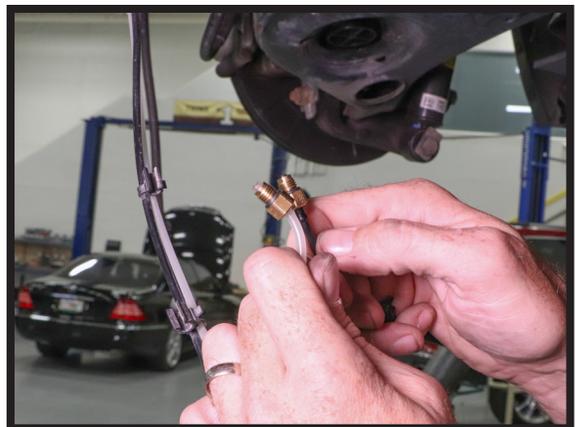


FIGURE 10

7. REMOVE THE THREE (3) COMPRESSOR MOUNTING BOLTS. (FIGURES 11, 12)



FIGURE 11



FIGURE 12

8. REMOVE AIR COMPRESSOR FROM VEHICLE AND REMOVE MOUNT BOLTS. (FIGURES 13, 14)

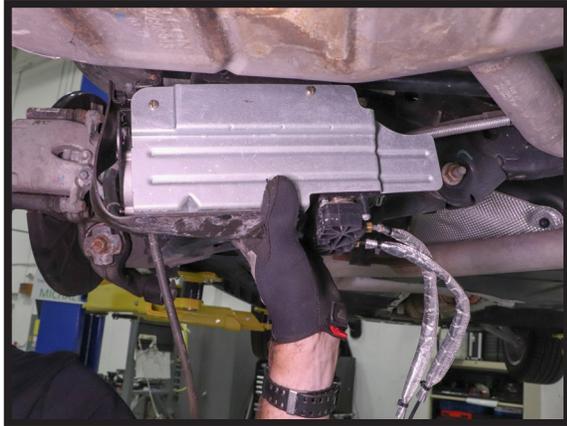


FIGURE 13



FIGURE 14

9. REMOVAL COMPLETE.

## AIR SUSPENSION COMPRESSOR INSTALLATION

-  *Tighten all nuts and bolts to manufacturers 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 NEW ARNOTT COMPRESSOR INTO THE VEHICLE. (FIGURE 15)



FIGURE 15

2. INSTALL BY SLIDING THE ATTACHED MOUNTING BOLTS (2) OF THE COMPRESSOR INTO THE HOLES LOCATED ON THE FRAME. SECURE BOLTS AND TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURES 16, 17)

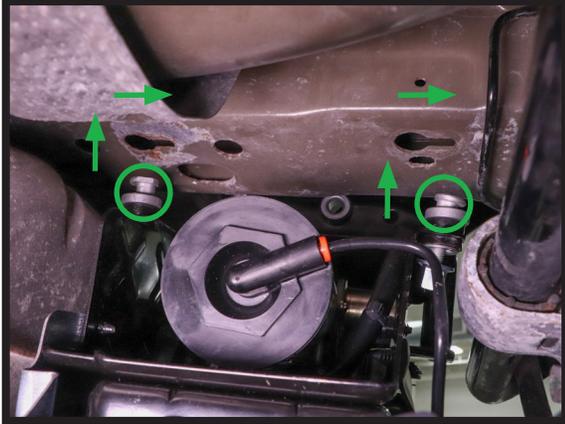


FIGURE 16



FIGURE 17

3. TIGHTEN REMAINING (1) COMPRESSOR MOUNT BOLT AND TIGHTEN TO MANUFACTURER'S SPECIFICATIONS. (FIGURE 18)

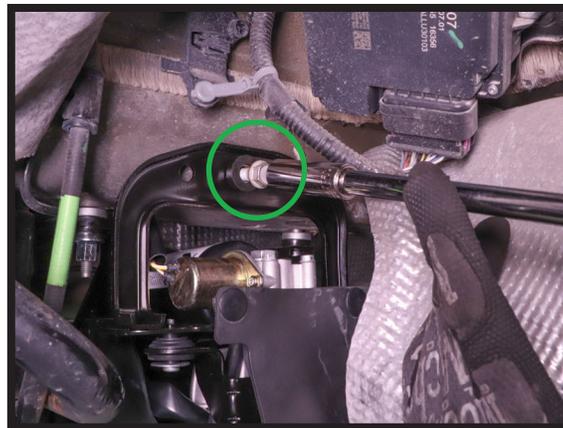


FIGURE 18

4. USE THE TWO AIR FITTINGS SUPPLIED IN THE ACCESSORY KIT AND INSTALL THEM INTO BOTH (2) AIR SPRINGS. SNUG TIGHT FITTINGS WITH A WRENCH. (FIGURE 19)



FIGURE 19

5. REROUTE THE AIR LINES TO THE SPRINGS, CLIPPING THE AIR LINE TO THE FRAME WHERE APPLICABLE. REROUTE THE EXHAUST HOSE AND CLIP TO THE FRAME WHERE APPLICABLE. (FIGURES 20, 21, 22, 23)

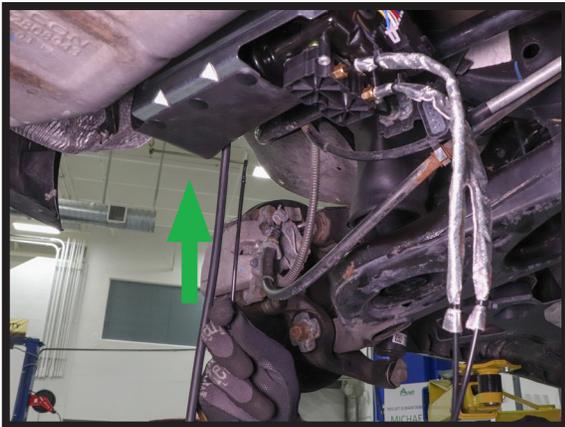


FIGURE 20



FIGURE 21

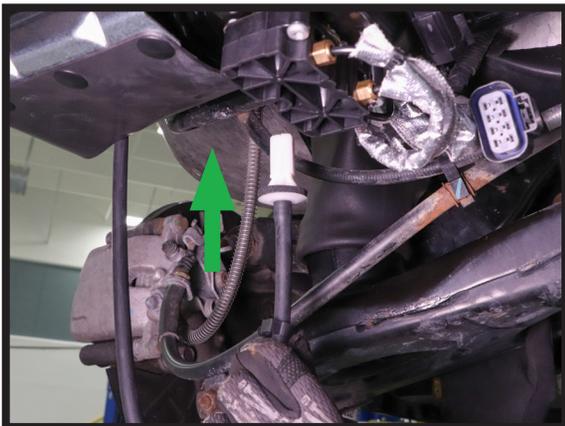


FIGURE 22



FIGURE 23

6. PULL SHIPPING PINS FROM AIR SPRING FITTINGS AND PUSH IN NEW COMPRESSOR AIR LINES UNTIL LINES ARE FIRMLY SEATED. (FIGURES 24, 25)



FIGURE 24

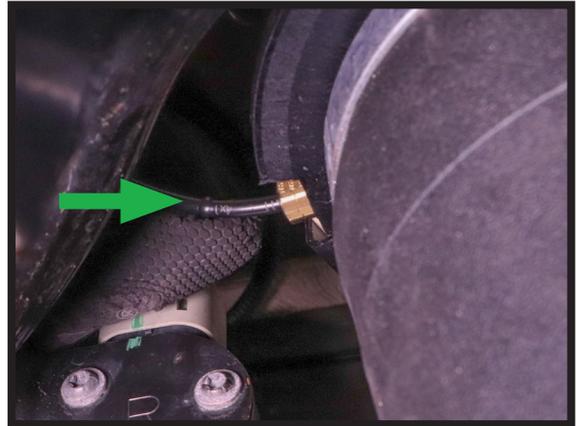


FIGURE 25

7. RECONNECT THE COMPRESSOR'S ELECTRICAL CONNECTION. (FIGURES 26, 27)



FIGURE 26



FIGURE 27

8. REINSTALL WHEEL WELL LINER AND FASTENERS.  
9. REINSTALL WHEEL.  
10. LOWER VEHICLE.  
11. INSTALLATION COMPLETE.