

Installation Manual

P-2863 WP WABCO OES AIR SUSPENSION COMPRESSOR BRAVADA/ENVOY/RAINIER/ TRAILBLAZER/SAAB 9-7X (GMT-370) (129" WHEEL BASE MODELS)

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.

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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.

AIR SUSPENSION COMPRESSOR REMOVAL

1. Open the fuse box. Lift off the fuse cover. Remove the air compressor (ecas) fuse (Fuse # 1). (FIGURES A, B)



FIGURE A

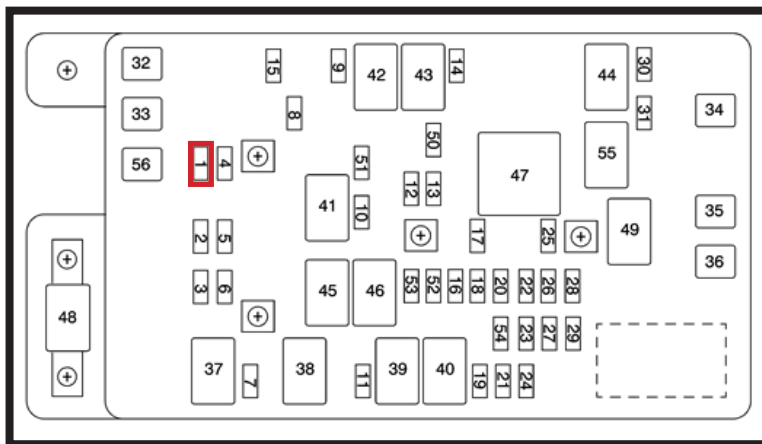


FIGURE B

2. Remove the spare tire and raise vehicle to expose the vehicle's air suspension compressor inside the left frame rail.

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4. Disconnect the electrical connector and the two (2) air lines (located on the outside of the frame (on the left side). (FIGURE C) to disconnect the air line, use two (2) fingers to push up on the air line fitting (orange ring) while pulling out on the air tube. (FIGURE D)

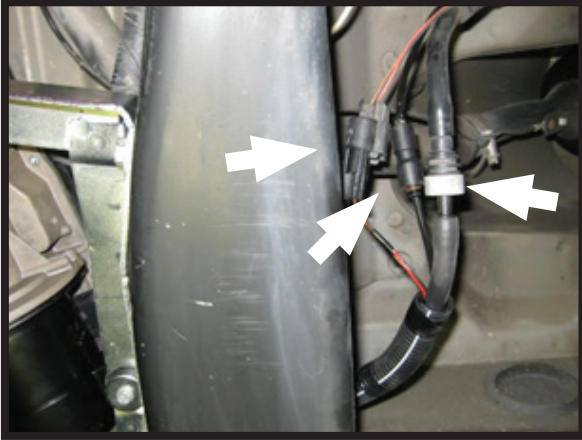


FIGURE C

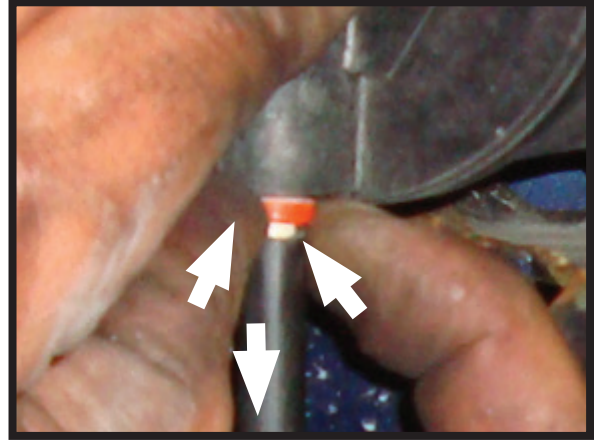


FIGURE D

5. Remove the two mounting bolts and lower the air compressor. (FIGURE E)

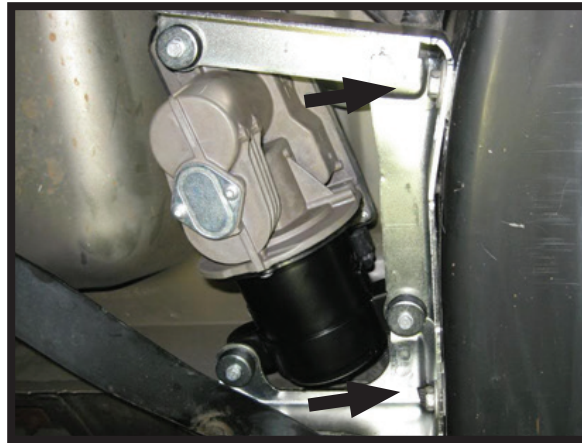


FIGURE E

6. Remove the two (2) air lines from the compressor. Remove the air fittings from the air lines and discard. (FIGURE F)

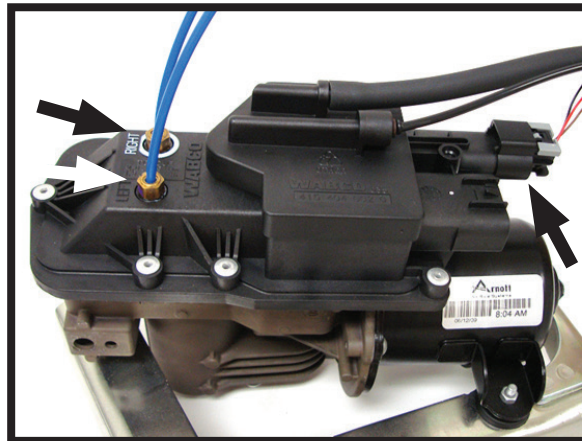


FIGURE F

AIR SUSPENSION COMPRESSOR INSTALLATION



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



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

1. Install air lines into the new compressor.
2. Installation new air compressor in the reverse order of removal.



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.

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