

Installation Manual

P-2136 WP WABCO OES AIR SUSPENSION COMPRESSOR FOR 2002-2009 BRAVADA/ENVOY/RAINIER/TRAILBLAZER/SAAB 9-7 (113" WHEELBASE MODELS)

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.



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
21-6990	1	WABCO OES AIR SUSPENSION COMPRESSOR
21-7008	1	INSTRUCTION PACKET

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(113" WHEELBASE MODELS)**

GENERAL INFORMATION:

- 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. SET STEERING TO STRAIGHT AHEAD.
2. LIFT VEHICLE AND REMOVE REAR RIGHT WHEEL TO LOCATE THE AIR SUSPENSION COMPRESSOR.
3. REMOVE THE TWO (2) BOLTS HOLDING THE BRACKET TO THE FRAME. (FIGURE 1)

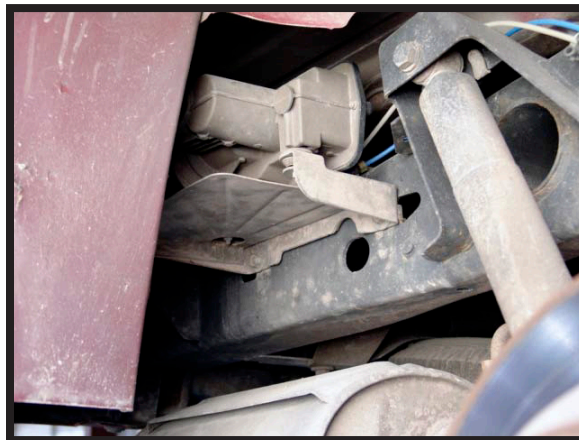


FIGURE 1

**P-2136 WP
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4. LIFT THE COMPRESSOR UP TO DISENGAGE THE BRACKET FROM THE FRAME. (FIGURE 2)



FIGURE 2

5. WITH THE COMPRESSOR LOOSE YOU CAN NOW REMOVE THE TWO (2) AIR LINES CONNECTING TO THE AIR SPRINGS. REMOVE AIR LINE FITTINGS FROM THE AIR HOSES AND DISCARD. (FIGURE 3)



FIGURE 3

6. WITH THE AIR SPRING LINES REMOVED ROTATE THE PUMP DOWN TO ACCESS THE WIRING HARNESSES, BREATHER HOSE AND ACCESSORY HOSE. DISCONNECT ALL FOUR (4) AND REMOVE THE COMPRESSOR. REMOVE THE AIR LINE FITTING FROM THE ACCESSORY HOSE AND DISCARD. (FIGURE 4)



FIGURE 4

7. REMOVAL COMPLETE.

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. INSTALLATION IS IN THE REVERSE ORDER OF AIR COMPRESSOR REMOVAL.