

Installation Manual

P-2851 WABCO OES AIR SUSPENSION COMPRESSOR 2004-2011 CITROEN JUMPY (2nd Gen)



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** 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.

AIR SUSPENSION COMPRESSOR ASSEMBLY REMOVAL

1. SET THE STEERING TO STRAIGHT AHEAD.
2. DEFLATE THE AIR SYSTEM USING THE DIAGNOSTIC TOOL.
3. RAISE THE REARSIDE OF THE VEHICLE.
4. DISCONNECT THE HANDBRAKE LINE CLIPS. (FIGURE 1)

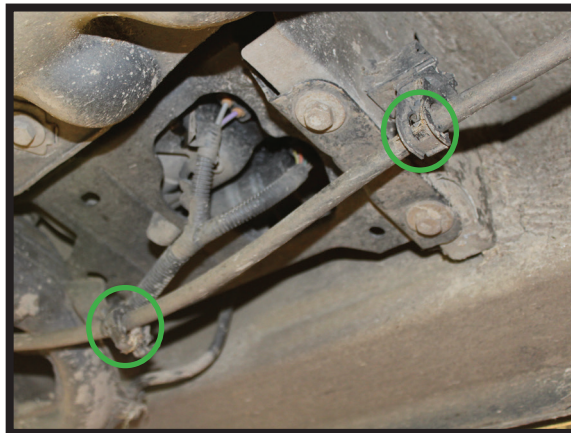


FIGURE 1

5. REMOVE THE 3 BOLTS HOLDING THE COMPRESSOR BRACKET TO THE CHASSIS. (FIGURES 2, 3)

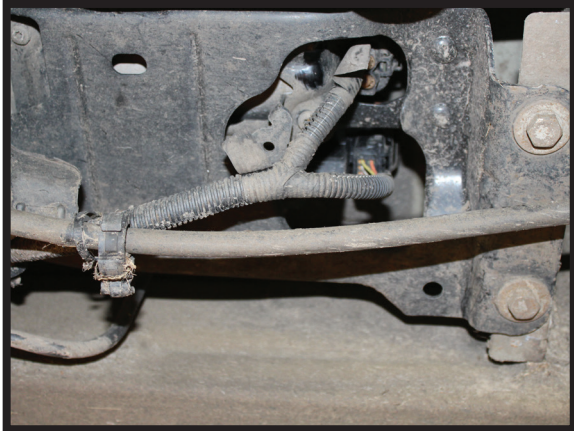


FIGURE 2

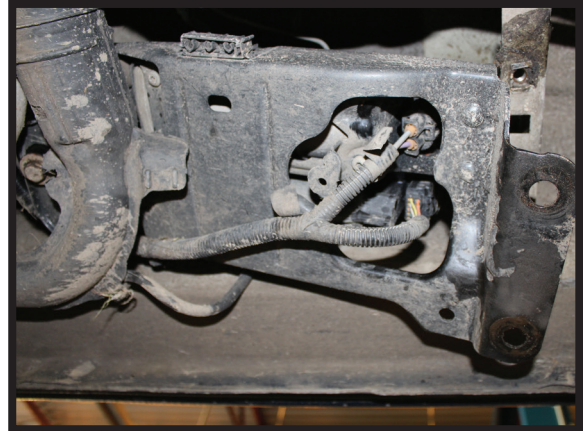


FIGURE 3

6. DISCONNECT THE ELECTRICAL PLUGS. (FIGURES 4, 5)

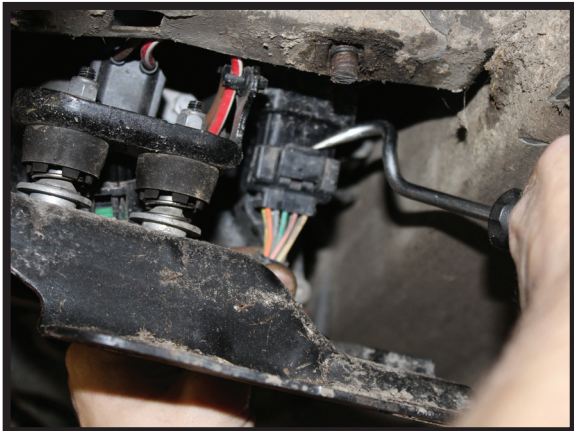


FIGURE 4



FIGURE 5

7. CAREFULLY REMOVE THE COMPRESSOR ASSEMBLY BY PULLING IT OUT TO THE FRONT. (FIGURES 6, 7)



FIGURE 6



FIGURE 7

8. DISCONNECT THE AIR LINES FROM THE COMPRESSOR BY PUSHING EACH LINE INTO EACH FITTING AND PULLING EACH TO REMOVE. (FIGURES 8, 9)

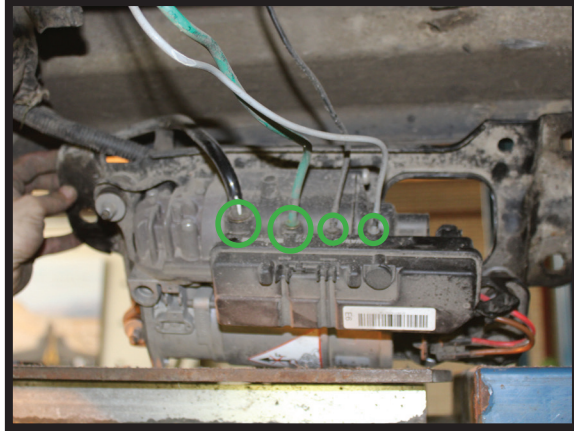


FIGURE 8

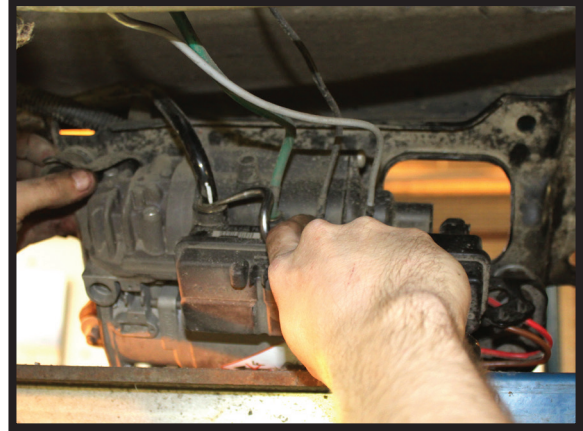


FIGURE 9

NOTE:

USE CAUTION WHEN REMOVING THE GREEN AIR LINE, AS THERE MAY STILL BE HIGH PRESSURE ON IT FROM THE BUFFER TANK. DEPRESSURIZE BEFORE DISCONNECTING.

9. FULLY REMOVE THE ENTIRE COMPRESSOR ASSEMBLY FROM THE VEHICLE.
10. AIR SUSPENSION COMPRESSOR ASSEMBLY REMOVAL COMPLETE.

AIR SUSPENSION COMPRESSOR REMOVAL

1. REMOVE THE OUTER BRACKET BY REMOVING THE 4 NUTS. (FIGURE 10, 11)

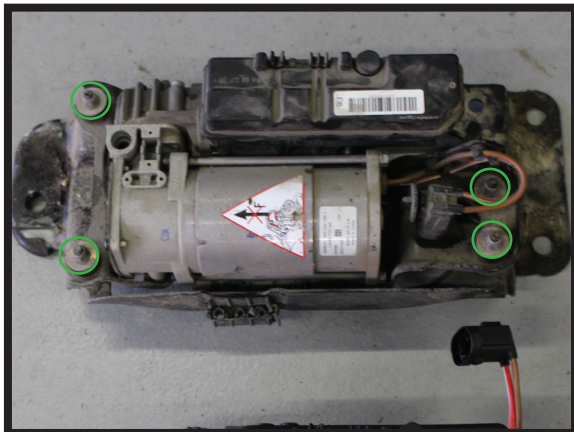


FIGURE 10

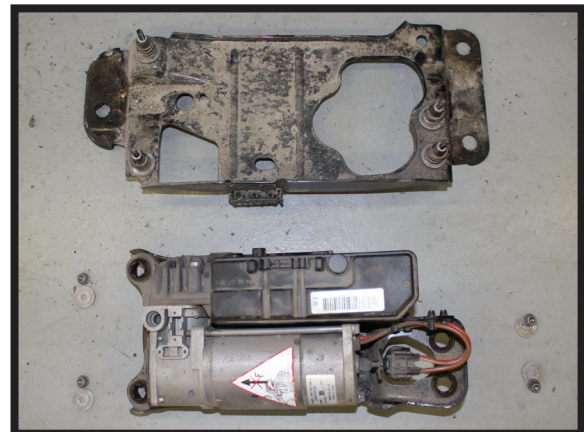


FIGURE 11

2. REMOVE INNER BRACKET BY REMOVING 3 TORX BOLTS FROM THE OPPOSITE SIDE OF THE COMPRESSOR. (FIGURE 12)

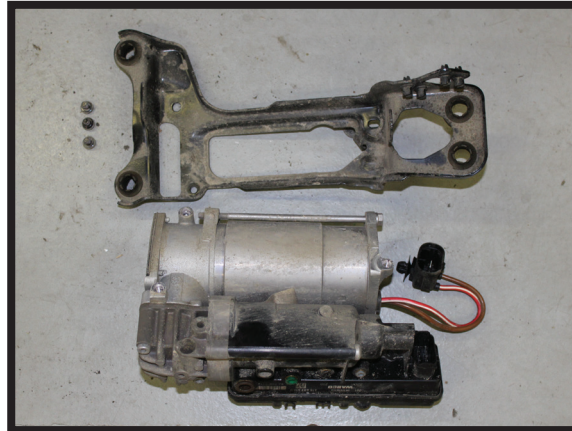


FIGURE 12

3. TRANSFER THE PLASTIC-CLIP FROM POWER SUPPLY CONNECTOR TO NEW COMPRESSOR. (FIGURE 13)

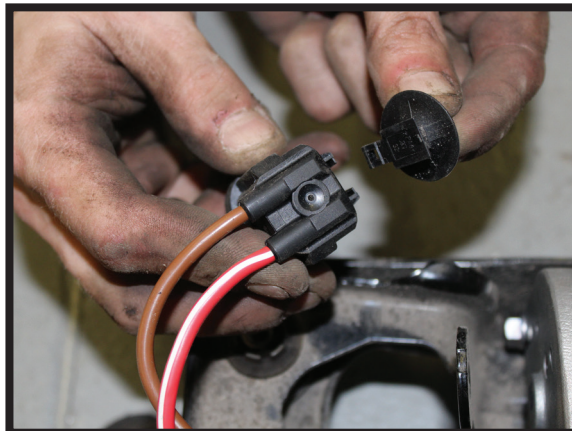


FIGURE 13

4. AIR SUSPENSION COMPRESSOR REMOVAL COMPLETE.

AIR SUSPENSION COMPRESSOR INSTALLATION



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

1. ASSEMBLE THE NEW AIR SUSPENSION COMPRESSOR USING THE INCLUDED HARDWARE IN REVERSE ORDER OF REMOVAL. (FIGURE 14)

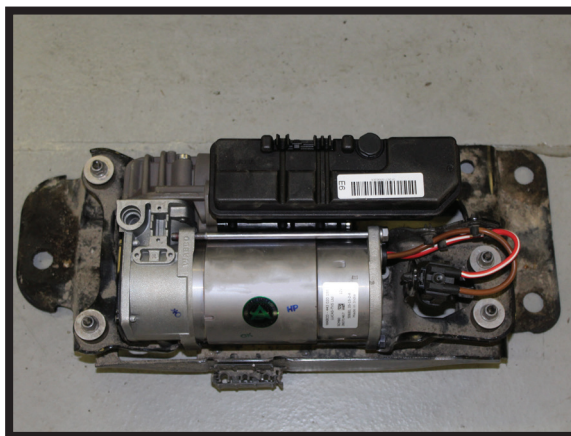


FIGURE 14

2. WHEN MOUNTING THE NEW COMPRESSOR, MAKE SURE THAT THE POWER SUPPLY CABLES (POSITIVE AND NEGATIVE) DO NOT TOUCH EACH OTHER. (FIGURE 15)

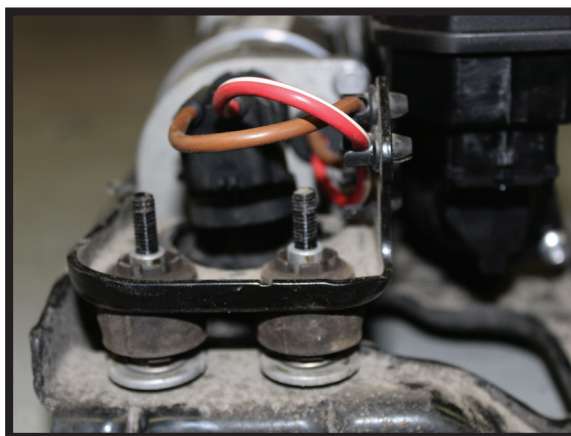




FIGURE 15

3. AIR SUSPENSION COMPRESSOR INSTALLATION COMPLETE.

AIR SUSPENSION COMPRESSOR ASSEMBLY 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 ASSEMBLY ONTO THE VEHICLE IN REVERSE ORDER OF REMOVAL.

NOTE:

WHEN MOUNTING THE NEW AIR SUSPENSION COMPRESSOR ASSEMBLY, MAKE SURE THAT THE COLORS OF THE AIR LINES ON THE VEHICLE MATCH THE COLORS OF THE AIR FITTINGS ON THE COMPRESSOR.

2. AFTER PROPERLY MOUNTING THE NEW ARNOTT AIR SUSPENSION COMPRESSOR INTO PLACE, START THE VEHICLE AND ACTIVATE THE AIR SUSPENSION SYSTEM BY PRESSING THE CONTROLLER 2-TIMES RAPIDLY. THE CONTROLLER IS LOCATED IN THE REAR OF THE VEHICLE. IF SUCCESSFUL, YOU WILL HEAR A SIGNAL AND THE SYSTEM WILL BEGIN WORKING. (FIGURE 16)



FIGURE 16

3. AIR SUSPENSION COMPRESSOR ASSEMBLY INSTALLATION COMPLETE.