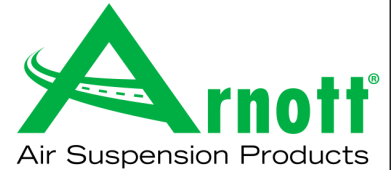


# Installation Manual

P-2462  
WABCO OES AIR SUSPENSION COMPRESSOR  
FOR 2003-2005  
LAND ROVER RANGE ROVER (L322)



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](mailto:techassistance@arnottinc.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. REMOVE SPARE TIRE FOR ACCESS TO COMPRESSOR HOUSING. (FIGURE A)



FIGURE A

2. DISCONNECT AIR TUBE AND ELECTRICAL CONNECTOR FROM COMPRESSOR TO VEHICLE. REMOVE FOUR (4) BOLTS HOLDING COMPRESSOR HOUSING TO VEHICLE (BOLTS ALSO HOLD COVER AND HOUSING TOGETHER). (FIGURE B)

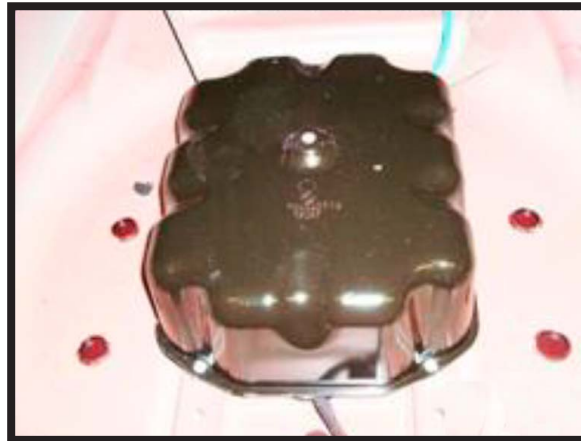


FIGURE B

3. REMOVE COVER FROM HOUSING TO EXPOSE THE COMPRESSOR (COVER IS HELD ON WITH THE SAME MOUNTING BOLTS THAT HOLD THE COMPRESSOR HOUSING TO THE VEHICLE). (FIGURE C)

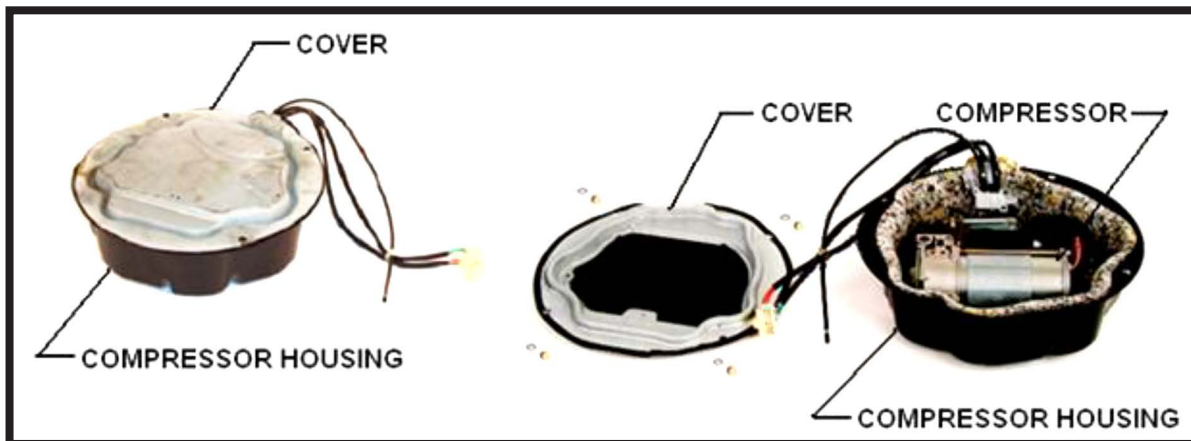


FIGURE C

4. REMOVE THE CABLE CLAMP FROM HOUSING, REMOVE FROM CABLES AND AIR TUBE AND DISCARD (NEW CABLE CLAMP SUPPLIED). (FIGURE D)

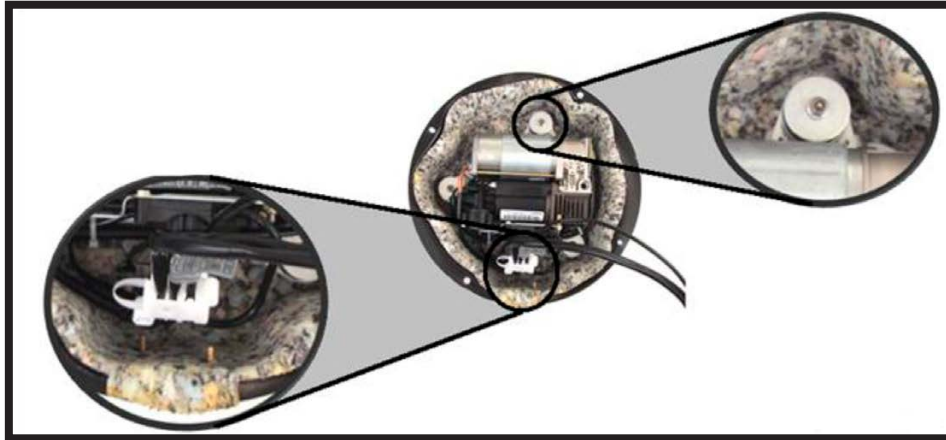


FIGURE D

5. REMOVE THE THREE (3) MOUNTING NUTS AND WASHERS AND REMOVE COMPRESSOR ASSEMBLY FROM HOUSING. (FIGURE E, F)

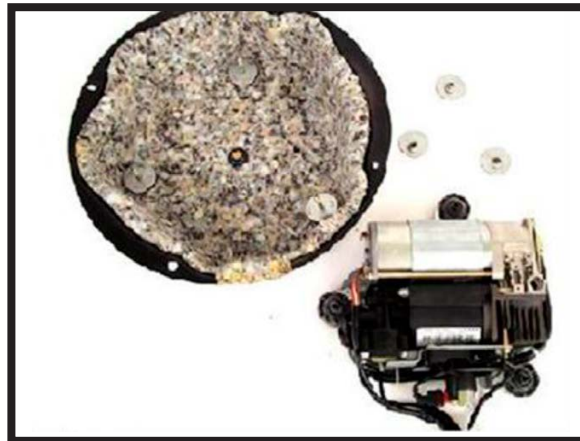


FIGURE E

6. LOOSEN SENSOR RETAINING SCREW (LOCATED ON BACKSIDE OF COMPRESSOR). (FIGURE 6)

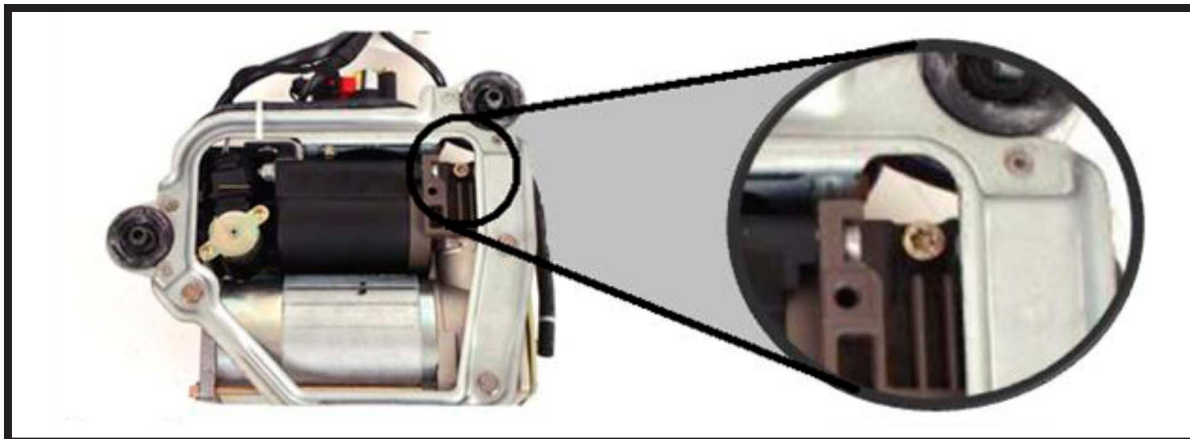


FIGURE F

7. DISCONNECT THE AIR TUBE BY PRESSING IN ON THE QUICK RELEASE FITTING AND PULLING OUT ON THE AIR TUBE. REMOVE SENSOR WITH AIR TUBE. (FIGURE G)

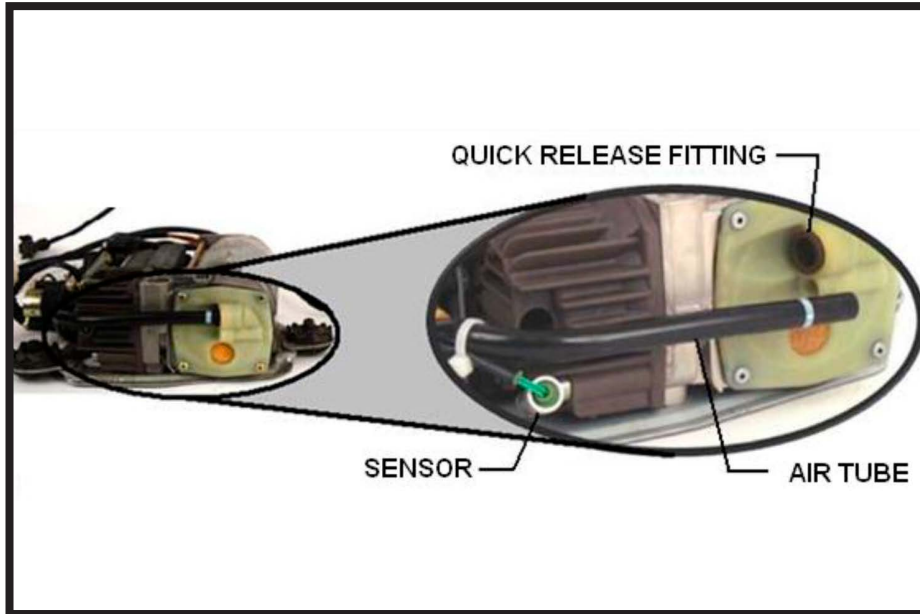


FIGURE G

8. DISCONNECT TWO (2) AIR TUBES BY PRESSING IN ON THE QUICK RELEASE FITTINGS AND PULLING OUT ON THE AIR TUBES. THE LARGER AIR TUBE IS REMOVED WITH THE 90 DEGREE ELBOW. (FIGURE H)

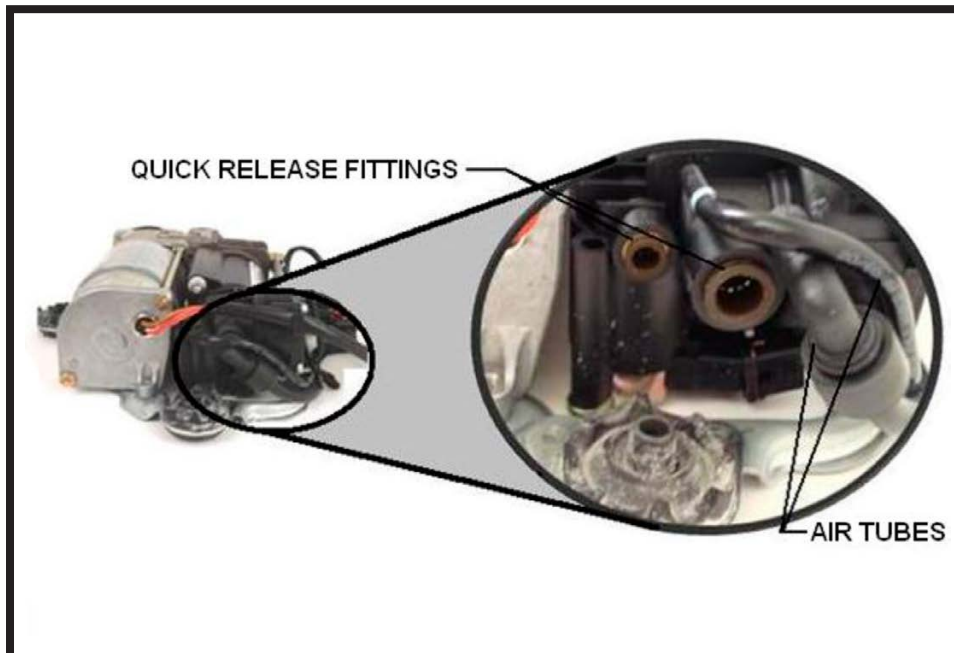


FIGURE H

9. DISCONNECT ELECTRICAL CONNECTOR AND REMOVE CABLE TIE. (FIGURE I)

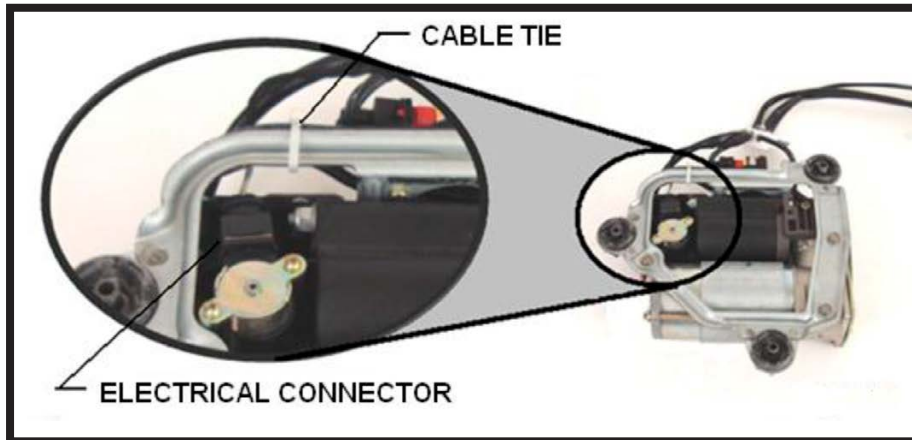


FIGURE I

10. REMOVE 3 BOLTS (BACK SIDE) AND 1 NUT (FRONT SIDE) THAT HOLD COMPRESSOR TO THE COMPRESSOR MOUNTING BRACKET. (FIGURES J, K)

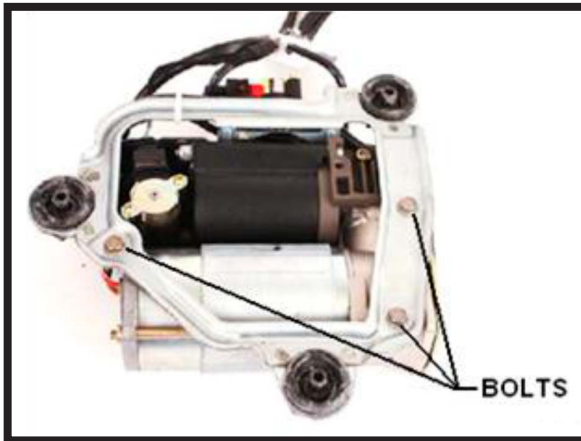


FIGURE J

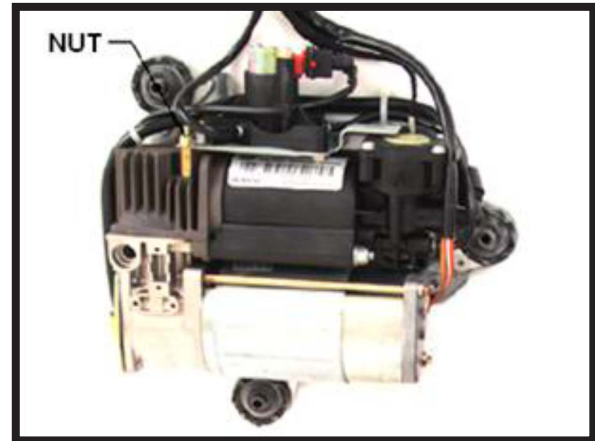


FIGURE K

11. REMOVE COMPRESSOR FROM BRACKET. (FIGURE L)

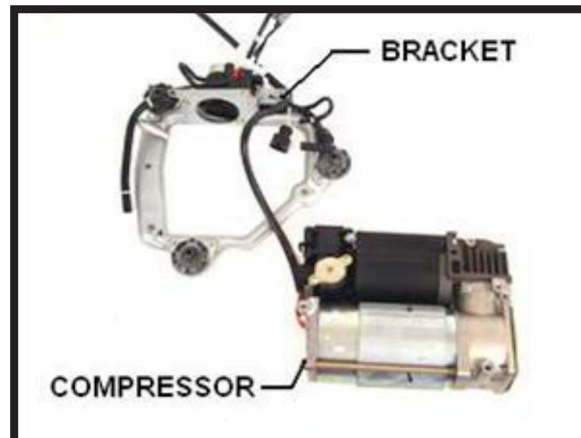


FIGURE L

12. CUT THE RED/WHITE AND BROWN WIRES OF THE OLD COMPRESSOR NEAR THE CONNECTOR. MAKE SURE TO LEAVE ENOUGH WIRE AT THE CONNECTOR TO ADD THE NEW BUTT CONNECTORS OF THE NEW COMPRESSOR. (FIGURE M)

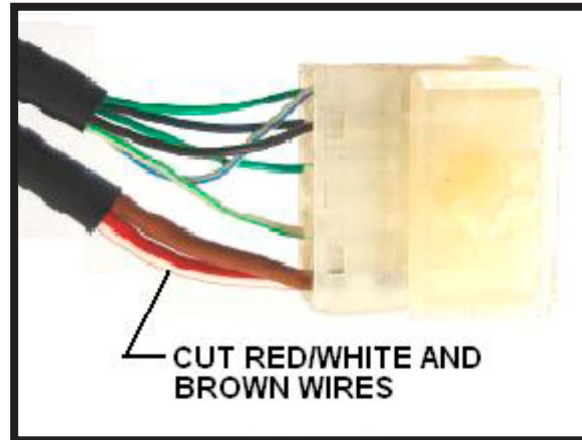


FIGURE M

13. REMOVAL COMPLETE.

## AIR SUSPENSION COMPRESSOR INSTALLATION



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

1. INSTALL THE FACTORY WIRING HARNESS ONTO THE NEW COMPRESSOR USING THE SUPPLIED BUTT CONNECTORS.
2. INSTALL THE NEW COMPRESSOR INTO THE VEHICLE 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.

Arnett<sup>®</sup> 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](tel:800-251-8993) during normal business hours or email [techassistance@arnottinc.com](mailto:techassistance@arnottinc.com)