

Guide to Range Rover L322 air suspension compressor removal

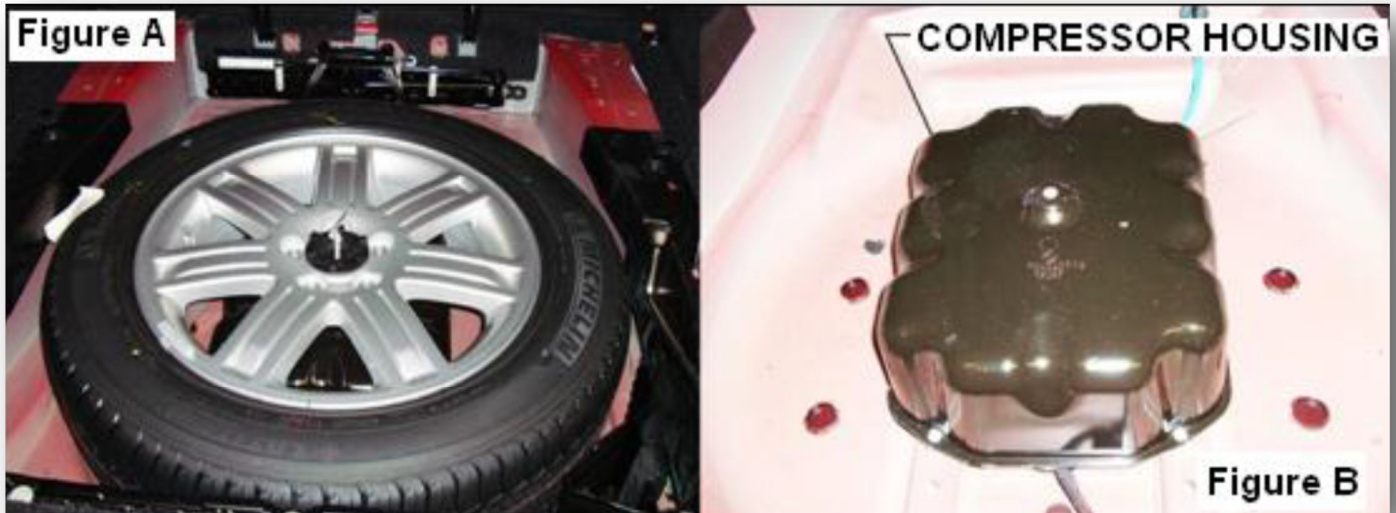
Removing the Wabco air suspension compressor: This is a guide based working on a L322 Range Rover, Some models may differ slightly.

It is important to be aware of all necessary safety measures while working on your air suspension system. This includes proper lifting and immobilizing of the vehicle if required and isolation of any stored energy to prevent personal injury or property damage.

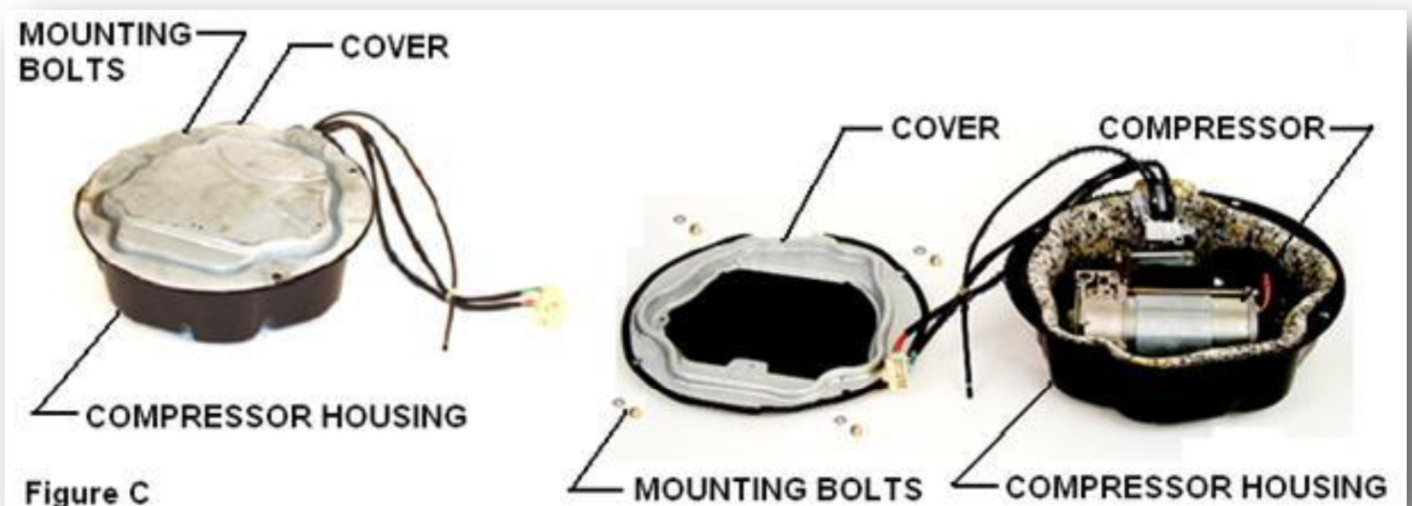


Basic steps to remove the compressor

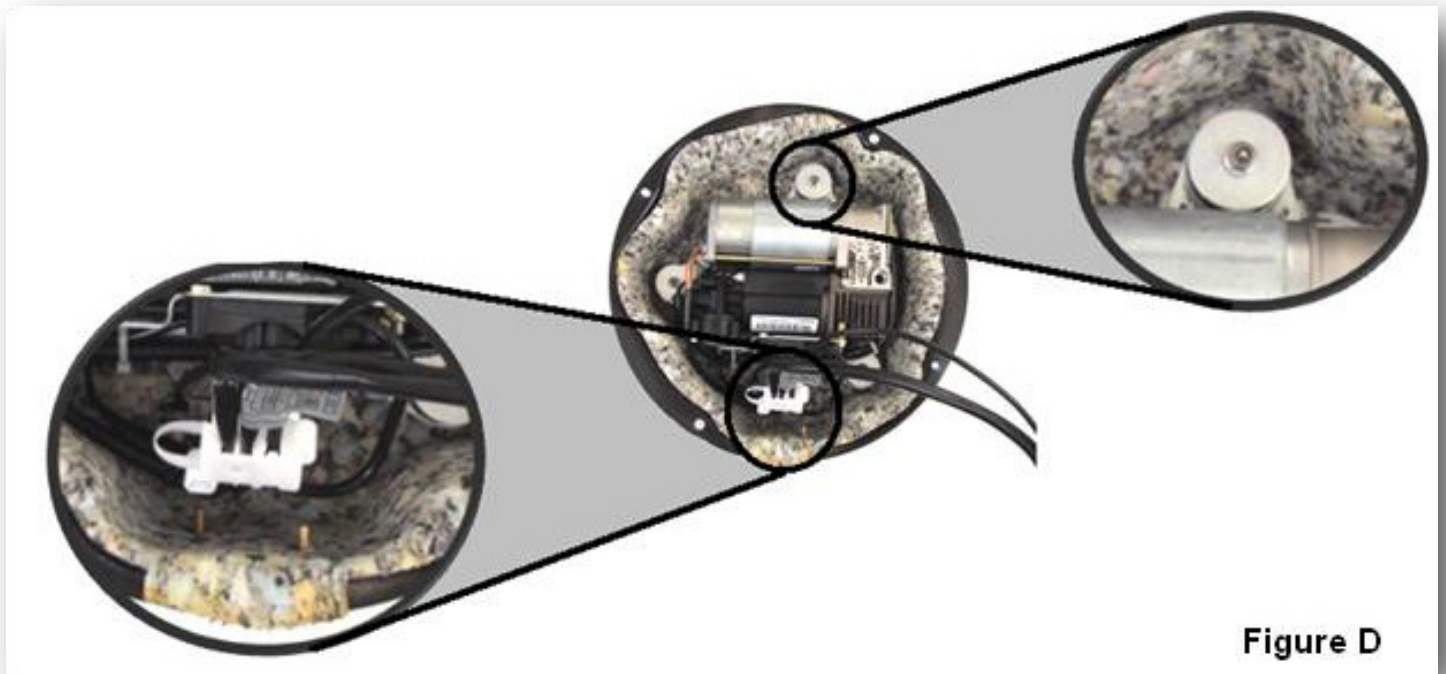
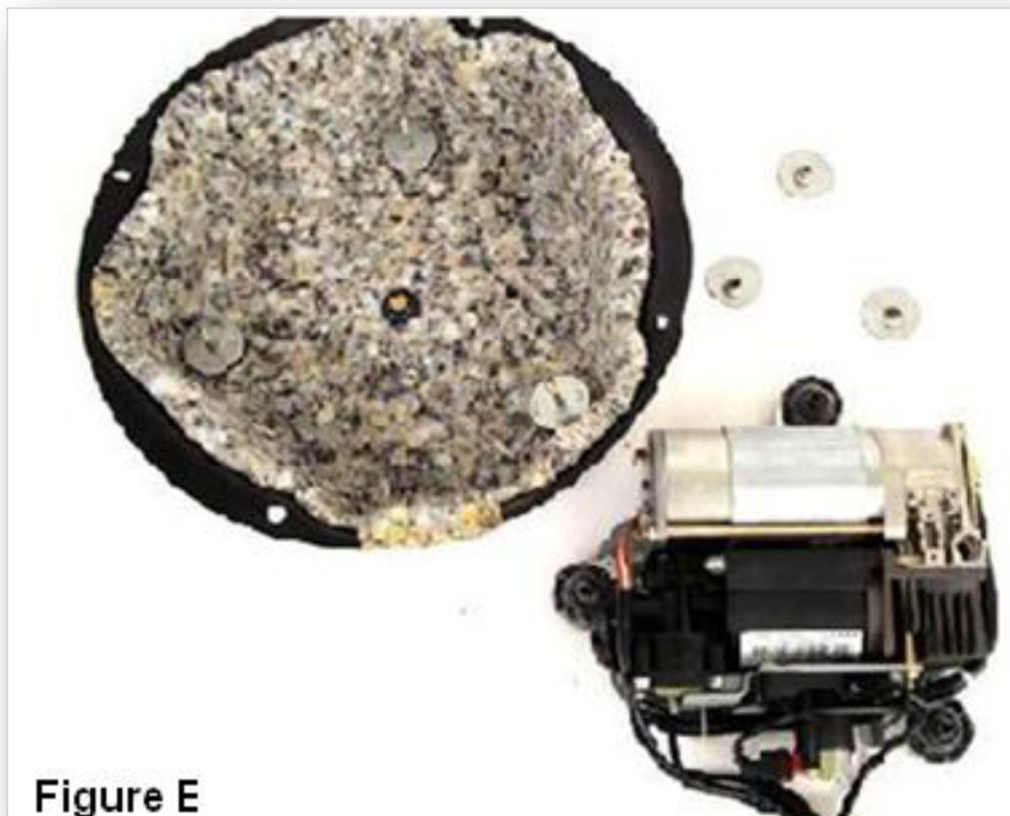
1. Remove spare wheel for access to compressor housing (Figure A).
2. Disconnect air tube and electrical connector from compressor to vehicle. Remove four (4) bolts holding compressor housing to vehicle (bolts also hold cover and housing together) (figure B).



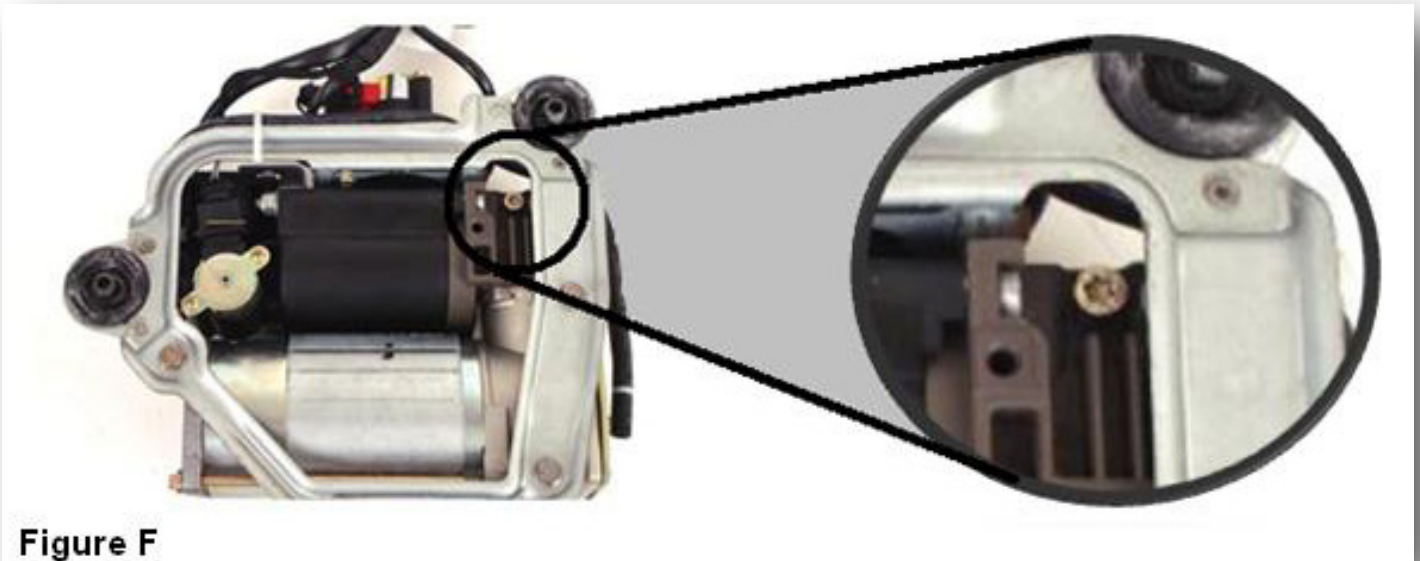
3. Remove cover from housing to expose the compressor (Cover is held on with the same mounting bolts that hold the compressor housing to the vehicle) (Figure C).



4. Remove the cable clamp from housing, it will require some leverage. (RH view of Figure D).
5. Remove the three (3) mounting nuts and washers and remove compressor assembly from housing note the position of all rubber mounts for re-assembly. (Figure D and Figure E).

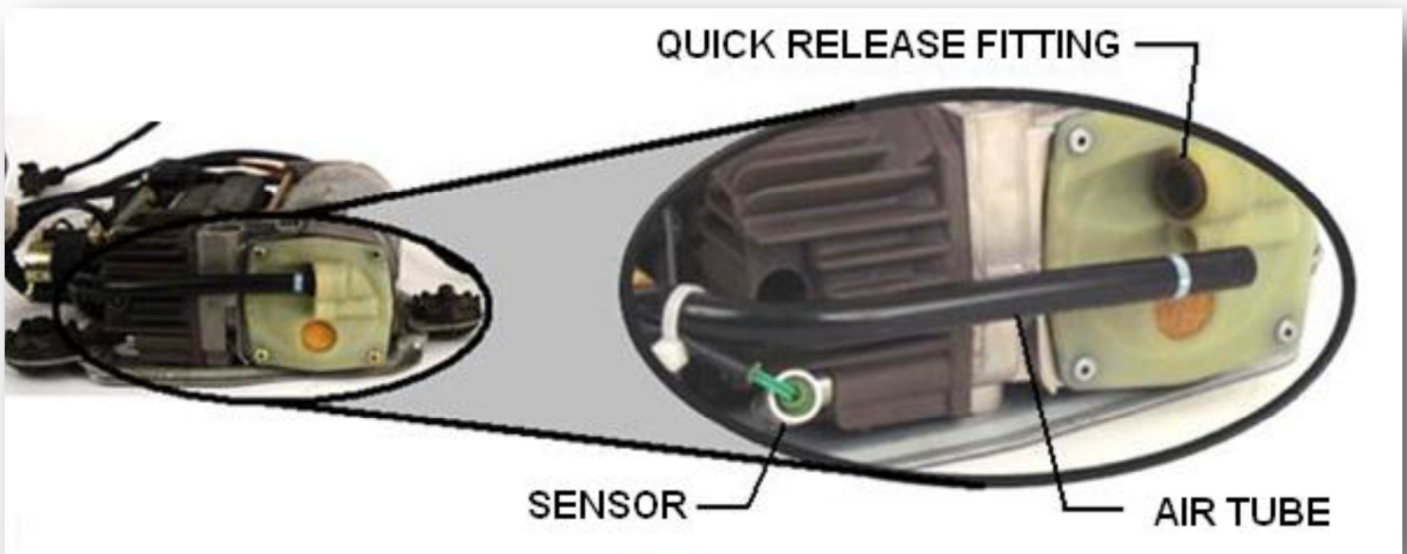
**Figure D****Figure E**

6. Loosen sensor retaining screw a few turns to free temperature sensor (located on backside of compressor) (Figure F).



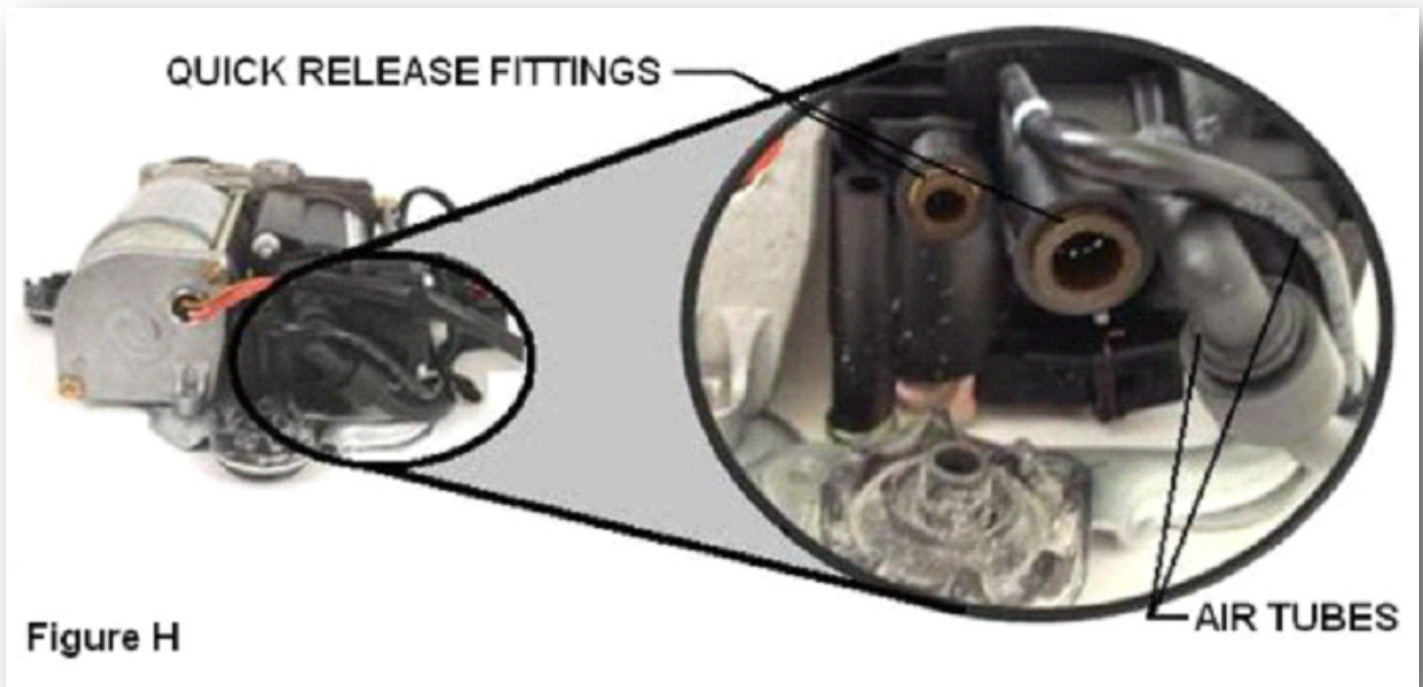
NOTE: TO RELEASE AIR TUBE(S), PRESS DOWN ON THE QUICK RELEASE FITTING COLLAR, WHILE PULLING OUT AIR TUBE(S).

7. Disconnect the air tube(s) and remove sensor (Figure G).

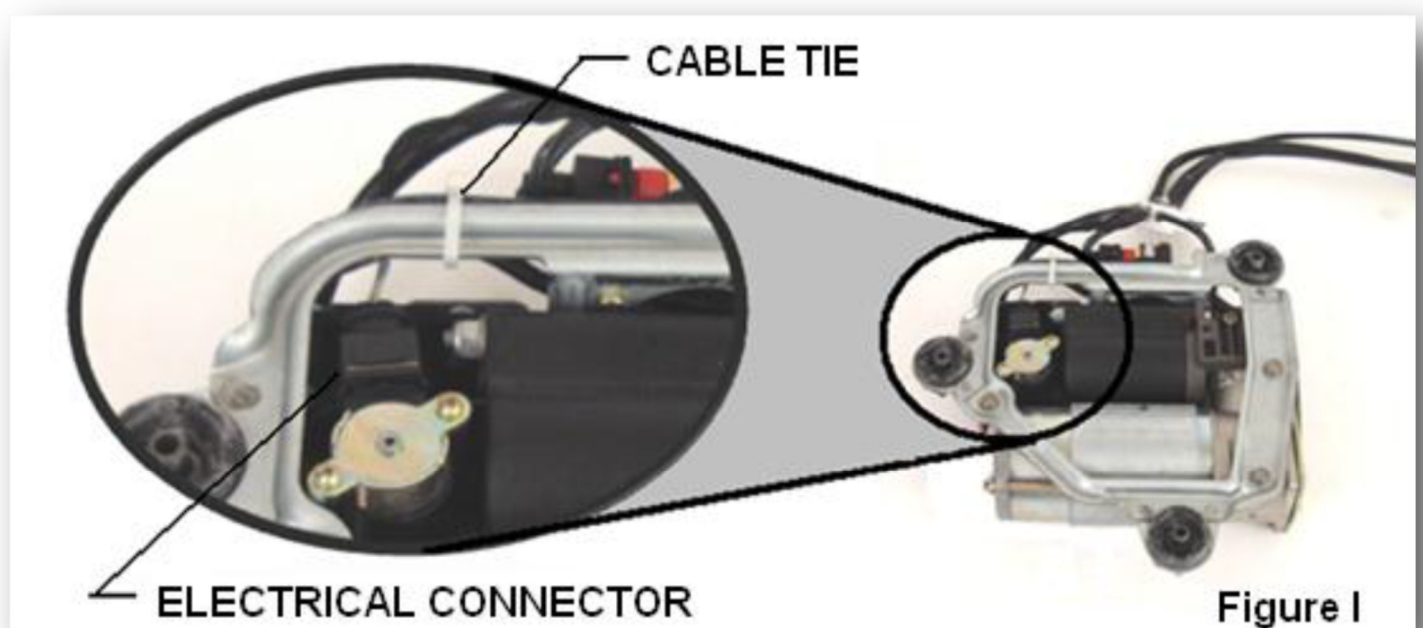


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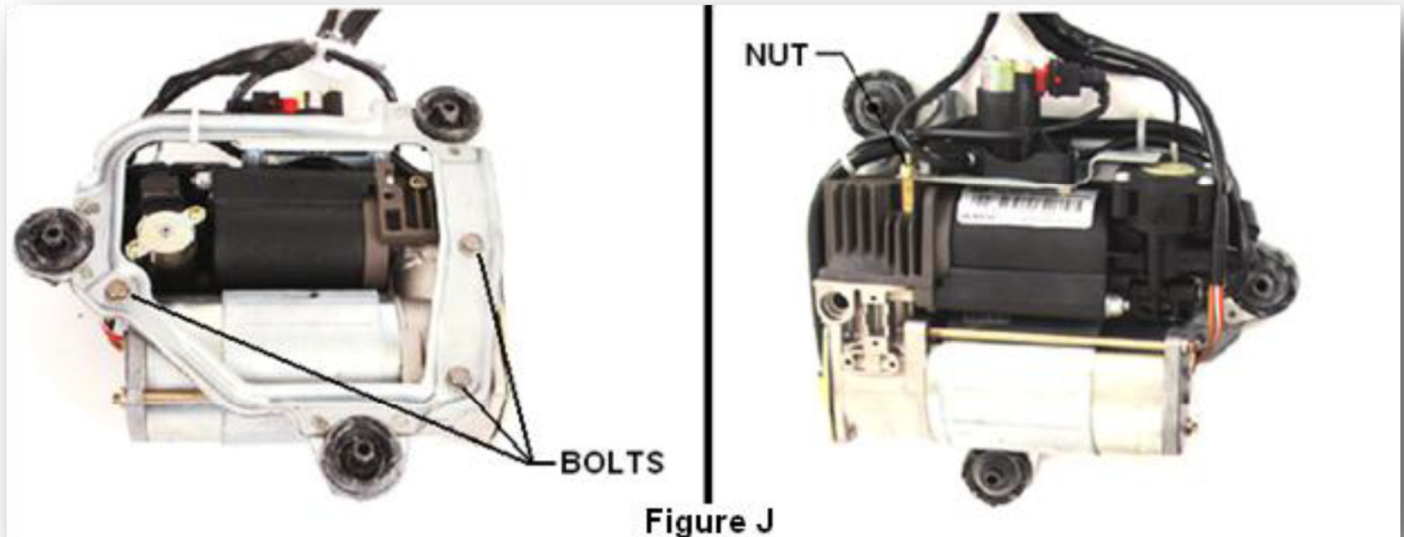
8. Disconnect two (2) air tubes. The larger air tube is removed with the 90 degree elbow if fitted. (Figure H).



9. Disconnect electrical connector and remove cable tie (Figure I).



10. Remove 3 bolts (back side) and 1 nut (front side) that hold compressor to the compressor mounting bracket (Figure J).



11. Remove compressor from bracket (figure K).



12. Removal complete. Reinstall compressor in the reverse order of removal.