



Congratulations on your selection to purchase an Arnott Air Suspension System. We at Arnott Air Suspension Systems are proud to offer a high quality product at the industries 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 this system on your vehicle.

It is equally important to be aware of all necessary safety measures while installing your new Air Ride 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”

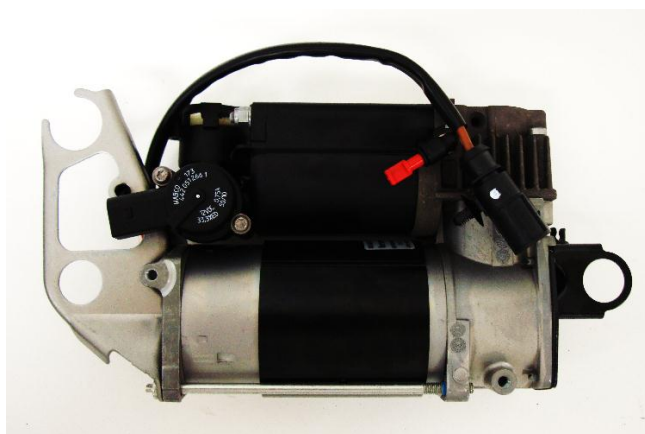


WARNING: The air suspension system is under pressure (up to 10 bar, or 150 lbf/in) verify pressure has been relieved and disconnect power to the air ride system prior to disassembly. Do not allow dirt or grease to enter the system. Always wear standard protective hand, ear, and eye protection when servicing the air suspension system.

Kit contains:

PARTS LIST		
P/N	QTY	DESCRIPTION
29-4647	1	COMPRESSOR

Additional hardware required: CABLE TIE (x2)





Compressor Removal:



The ignition must remain switched off during the strut removal and replacement.

1.0 Set steering to straight ahead.



Use lifting platform (hoist) that is capable of raising the body separately from the wheels, lift body at the lifting points prescribed by the vehicle manufacturer.

Vehicle slippage can cause danger to life and limb.

2.0 Raise vehicle.

3.0 Remove protective shroud on the passenger's side to access the compressor (Figure A).

4.0 Remove the two (2) cable ties holding the connector wires (Figure B).



Figure A

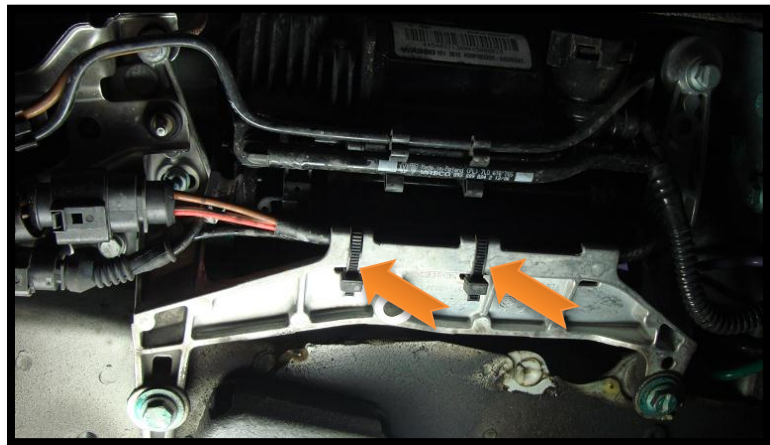


Figure B



5.0 Disconnect the three (3) electrical connectors to the compressor (Figure C).



Figure C

NOTE: TO REMOVE AIR LINES FROM THE "QUICK" RELEASE FITTING PRESS DOWN (ON 2 SIDES) OF THE FITTING AND PULL OUT THE AIR LINE.

6.0 Remove the compressor line (runs between the compressor and dryer) (Figure D).



Figure D



- 7.0 Disconnect the lines from the air valve block (black line (P) does not have to be disconnected) (Figure E).

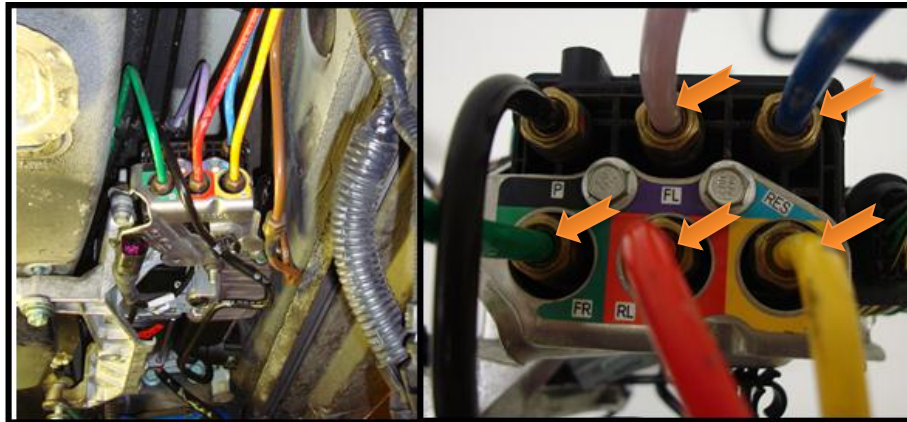


Figure E

- 8.0 Remove the three (3) mounting bolts that secure the compressor to the vehicle (Figure F).

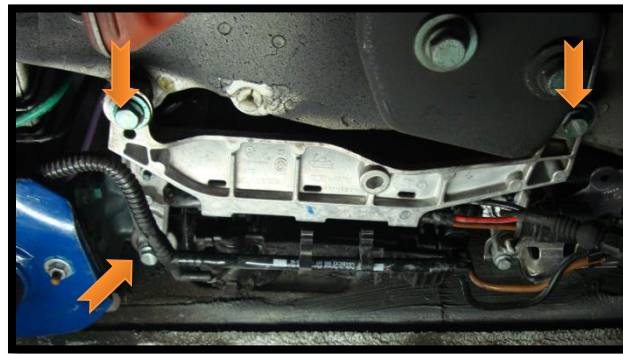


Figure F

- 9.0 Disconnect the brown line (located on backside of compressor). To release the airline press down on the quick release fitting and pull out the airline. Compressor can be removed from the vehicle (Figure G).



Figure G



- 10.0 Disconnect the line from the compressor dryer (identified as "P" on the air valve block) (does not need to be disconnected at air valve block) (Figure H).

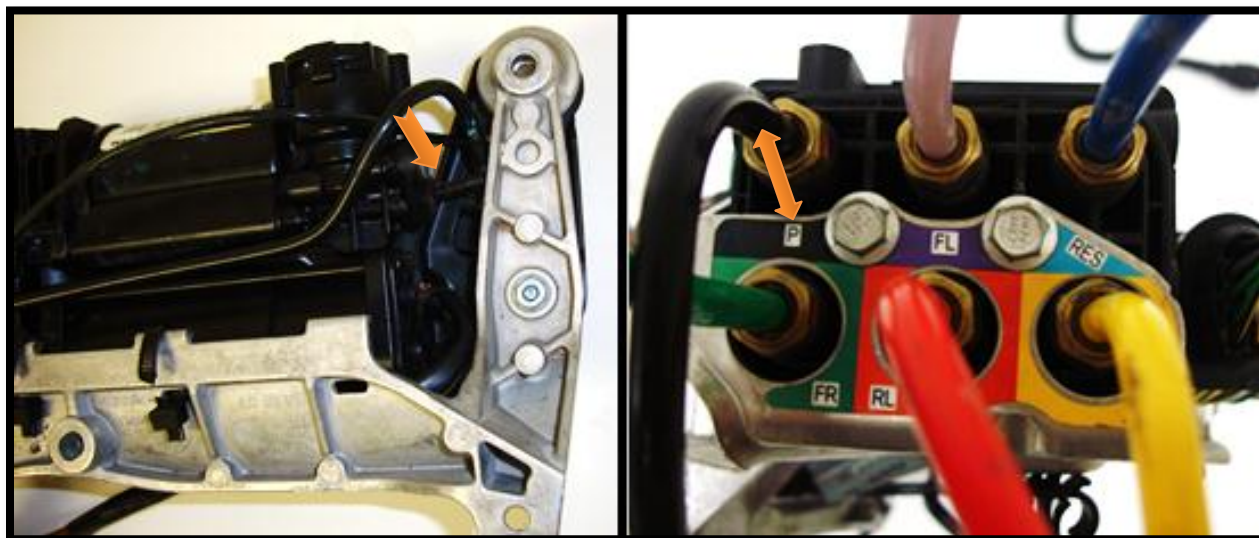


Figure H

- 11.0 Remove the 2 nuts from the backside of the mounting bracket, remove bracket (Figure I).

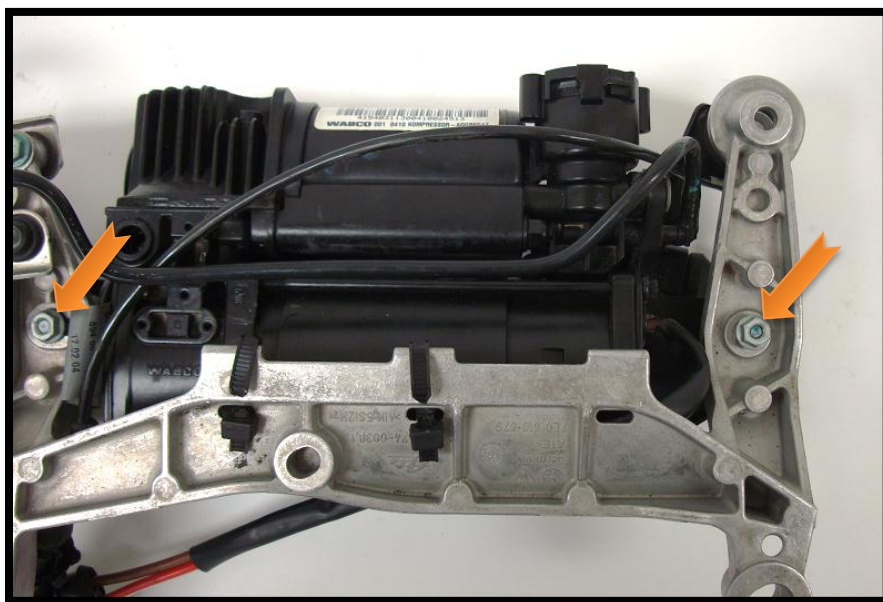


Figure I



- 12.0 Remove the thermal sensor wire harness by disconnecting the connector, loosening the sensor screw and removing the sensor. (This will be re-installed in the new compressor) (Figure J).

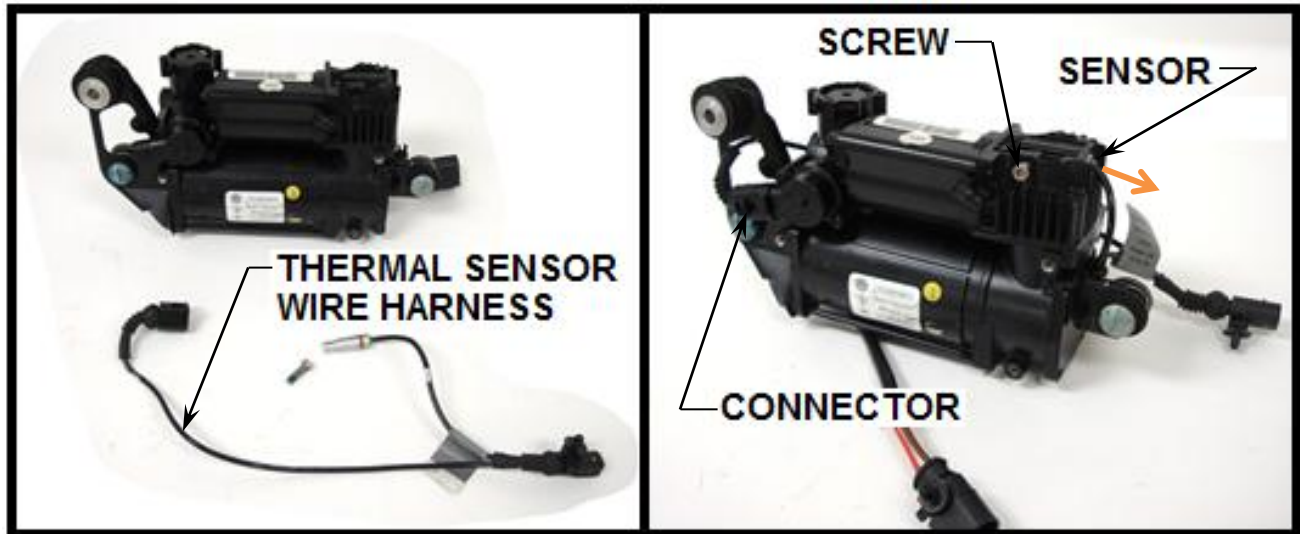


Figure J

- 13.0 Remove the 3 (three) mounting isolators from the compressor (These will be re-used on the new compressor. If the isolators are damaged it is recommended that they be replaced (Contact your dealer for replacements) (Figure K).

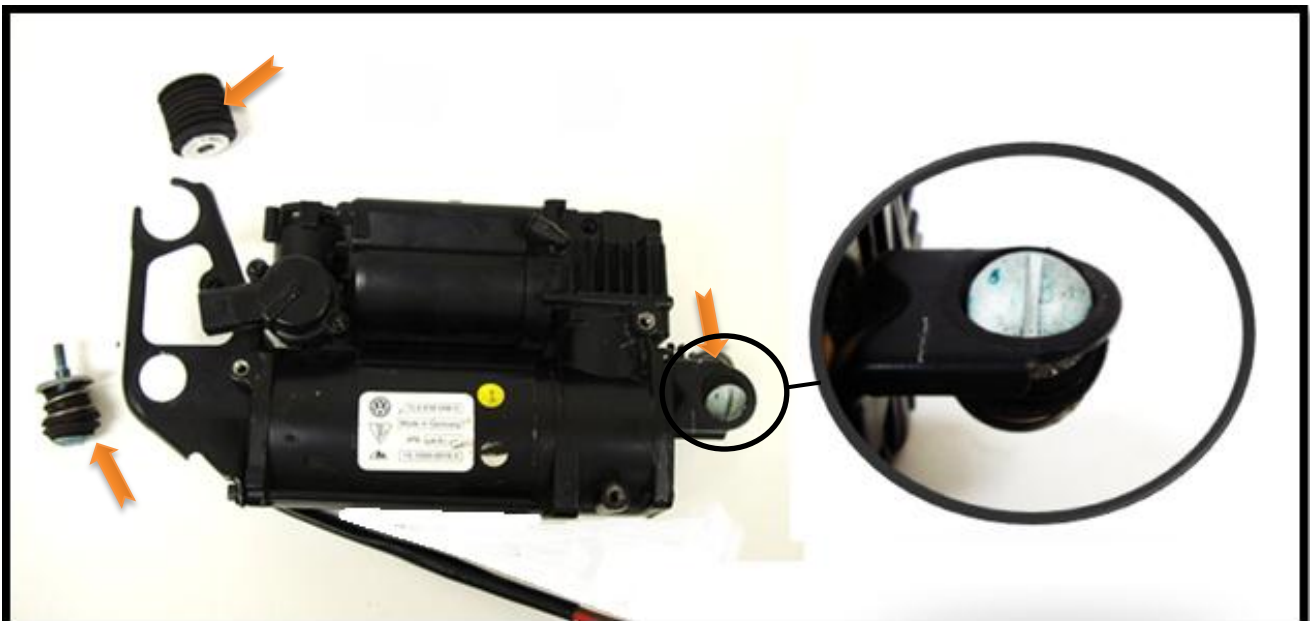


Figure K



14.0 Removal complete. Reinstall new compressor in the reverse order of removal.

INSTALLATION DO'S TO HELP YOU MAKE YOUR INSTALLATION SUCCESSFUL

- 1.0 Torque all fastening hardware to manufacturer's specifications.
- 2.0 When re-installing the air lines to the air valve block make sure that the air line colors match the colors on the air valve block, failure to do so will cause the air suspension system to not operate properly or not operate at all.
- 3.0 When re-installing the isolation mounts make sure that they are installed in the proper orientation, if isolation mounts are damaged replace them (Figure L).



Figure L