

DOMINION OFFROAD

2012+ Jeep JK

BASIC COMPRESSOR KIT WITH IN-CAB SWITCH

Phone: 626-Trails1 or 626-872-4571

INSTALLATION INSTRUCTIONS

Installation time 30 minutes to 1 hour.

Kit contents: (1) Compressor Bracket (7) Zip Ties (1) Hose and Fittings Pack

Required Tools:

- 13mm Wrench (preferably a ratcheting wrench)
- 13mm Socket and $\frac{1}{4}$ " ratchet with long extensions
- $\frac{1}{2}$ " Drill Bit and Drill Motor
- Wire Connector Crimp Tool
- Philips Head Screw Driver
- 2 Crescent Wrenches
- Wire Cutters and Strippers
- Large Flat Head Screw Driver

Using fasteners and fittings supplied with your compressor kit, and thread locker assemble the compressor on the bracket, as indicated in this picture:

Removing the air plug from the leader hose is difficult.

Use thread sealant for proper installation. Teflon tape is not recommended. Properly sealed, recommended torque is 12 to 15 ft. lbs.

An installation video is available on the product page at DominionOffRoad.com



Advisory: Do not bump, or pull the master cylinder away from the booster during this install. Doing so will dislodge the booster O-Ring. If the O-Ring becomes dislodged, do not drive the Jeep and contact tech support for additional information.

1. Using firm pressure and pushing as indicated in the following picture, bend the rigid A/C hose toward the engine, in order to provide clearance for the bracket.

2. Re-route the Vacuum Hose behind the AC line, as shown in the following picture:



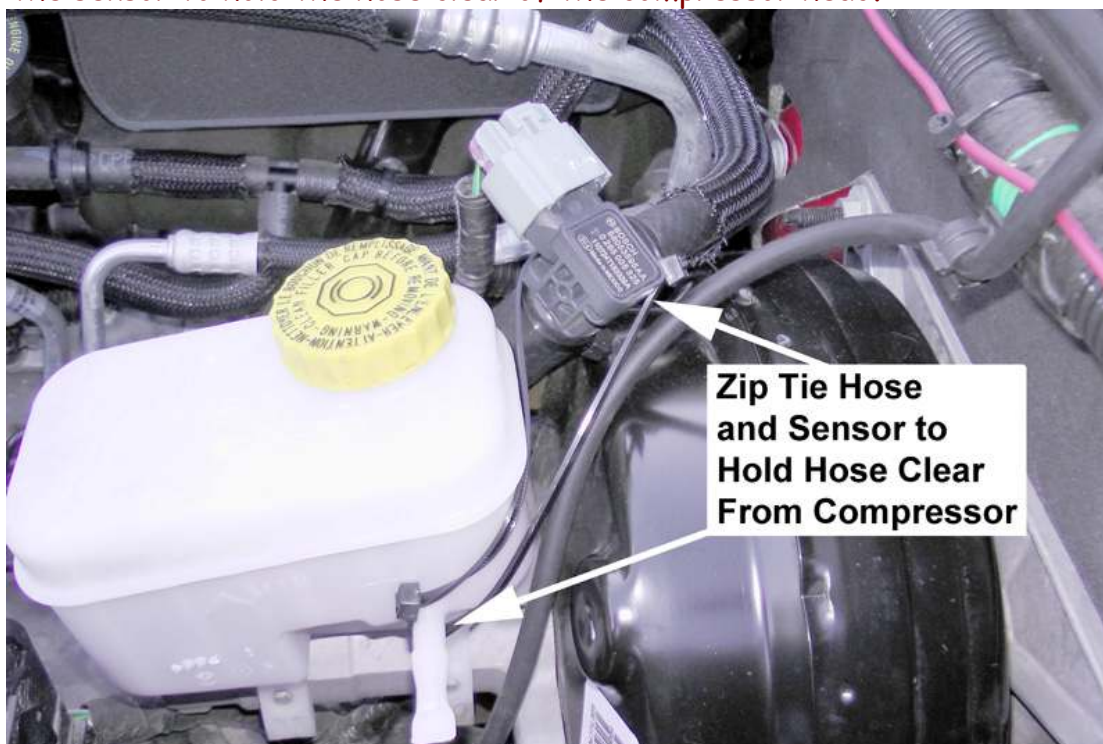
3. Insert the 90 degree plastic fitting (attached to small hose) into the brake booster. You'll have to press hard, but it will go.

4. Install the sensor into the small hose (attached to plastic 90 fitting) and ZIPTIE the hose to the sensor fitting.

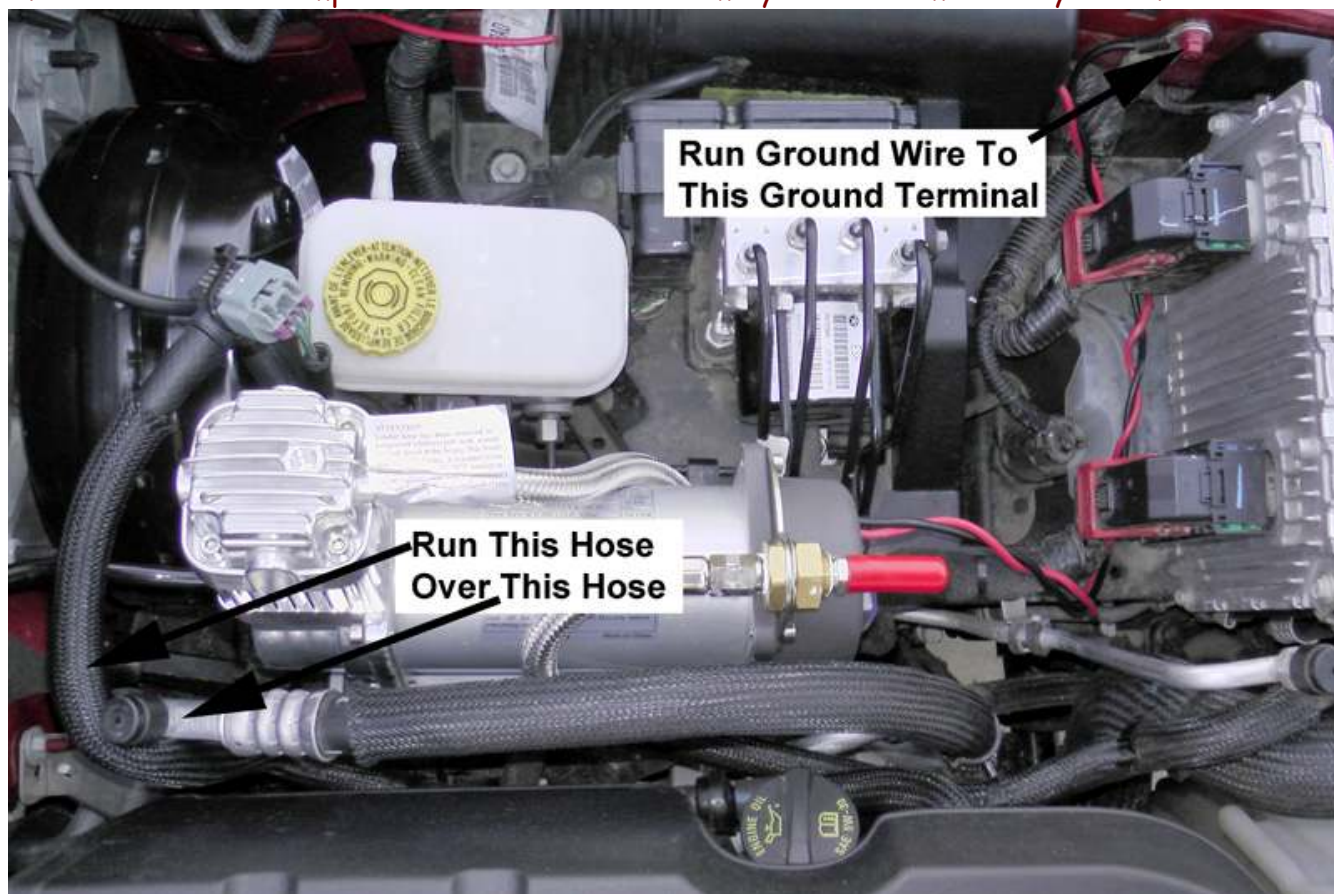
5. Install the rerouted vacuum hose onto the sensor and ziptie tight.



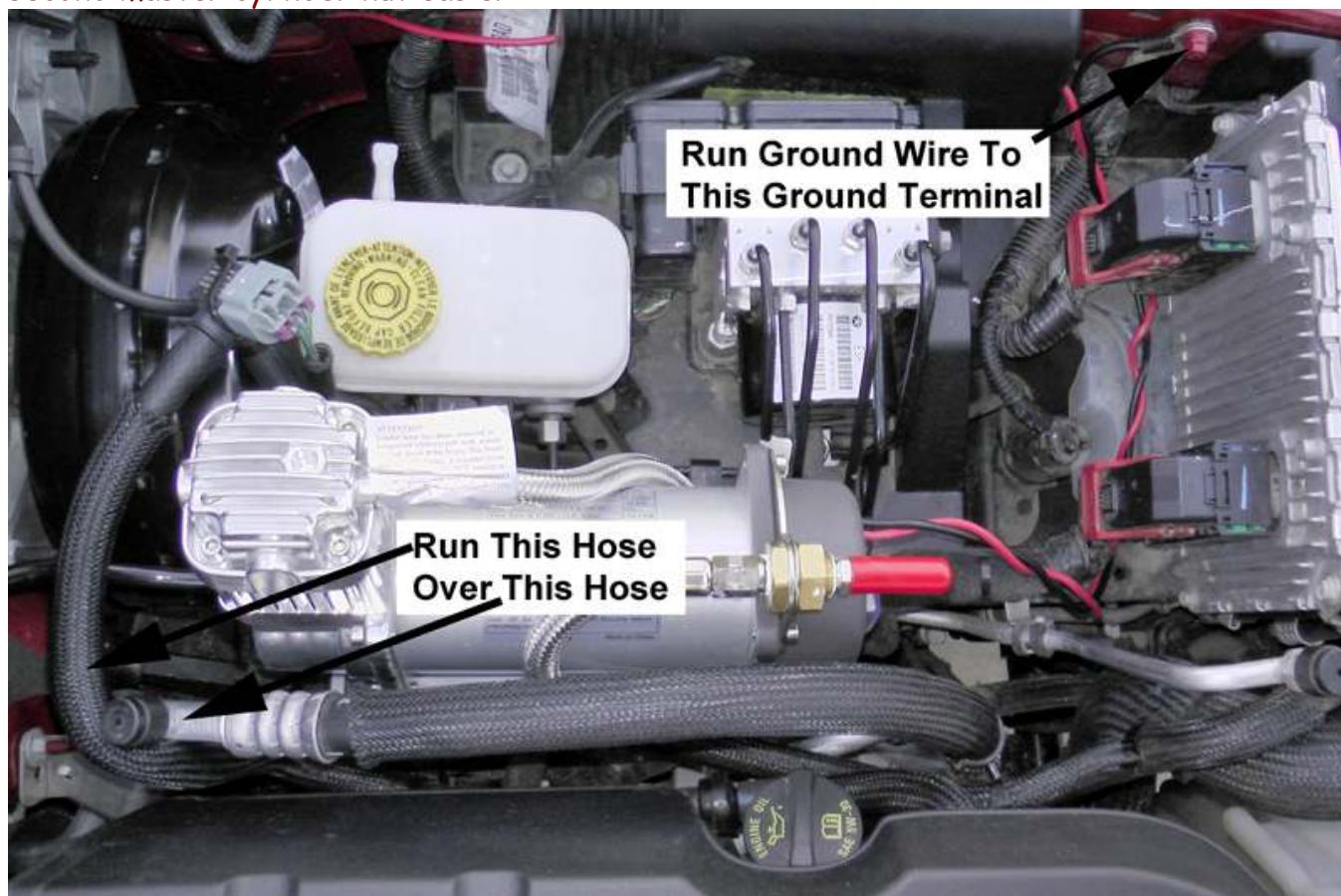
6. Ziptie the sensor to hold the hose clear of the compressor head.



7. Install the compressor and bracket assembly onto the master cylinder.



8. The following picture shows a ratchet and several extensions, that make installing the second master cylinder nut easier:



In-Cab Switch Installation

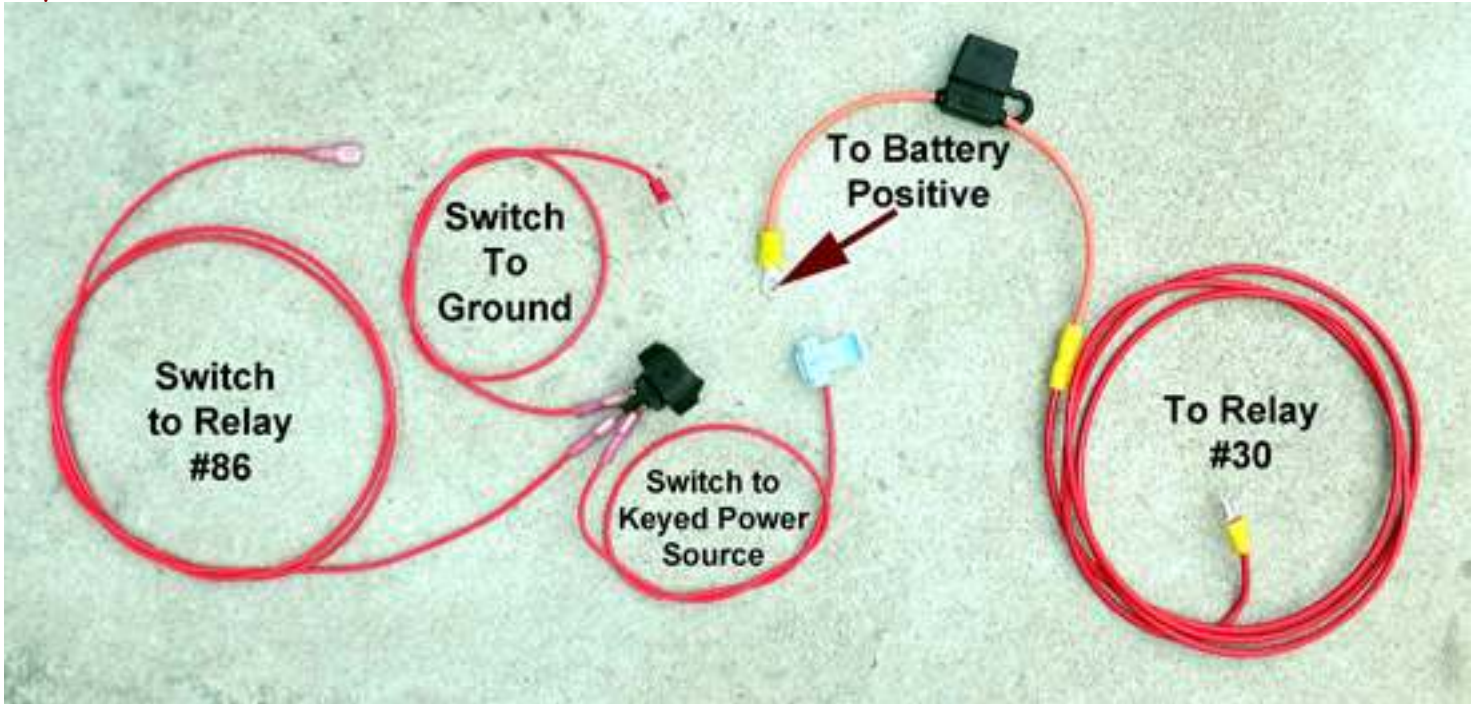
1. Install the In-Cab Switch. The following three mount locations have been identified in the 2007 - 20011 JK:



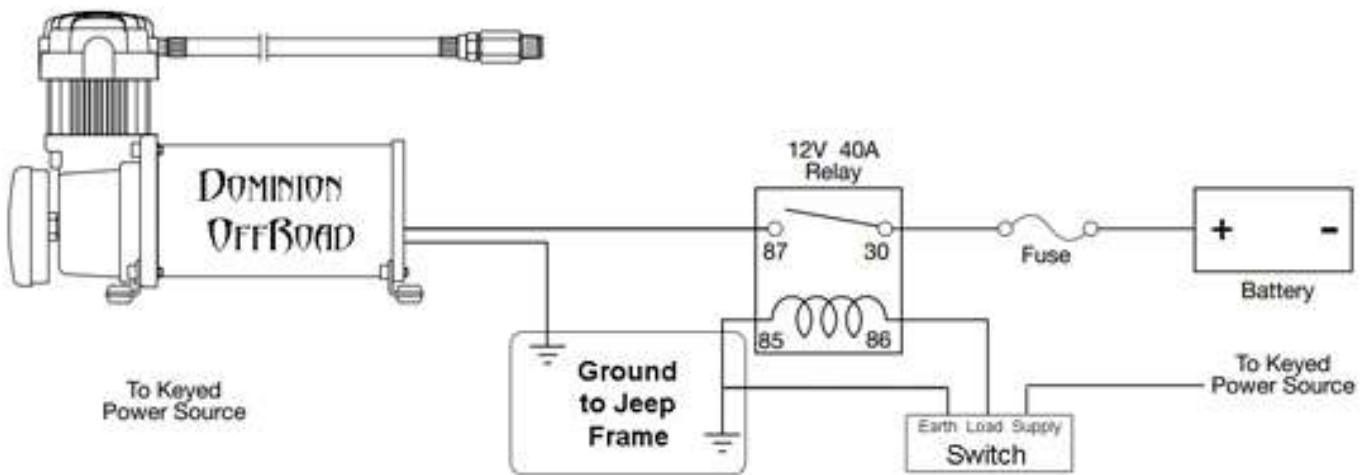
Advisory: Watch the installation video at: www.dominionoffroad.com/jk_oba_install/

9.

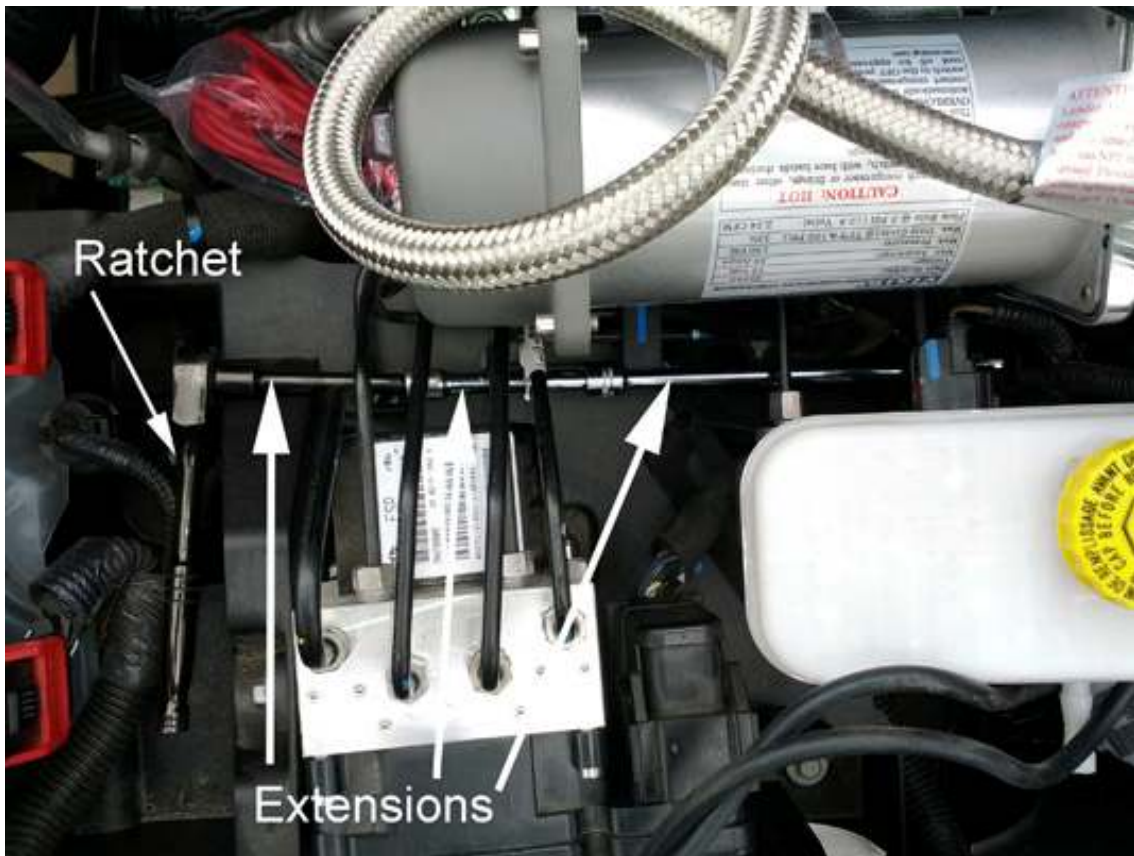
10. Wire and Connectors - Cut wire, to the correct lengths and build four wire harnesses according to the following picture (do not crimp the splice connector, until connecting to the Keyed Power Source)(Wires do not need to be connected to switch at this time):



11. 16 Gauge Wire (Thin Wire) - Wire the In-Cab Switch according to the following Diagram



12. 12 Gauge Wire (Thick Wire), In-Line Fuse - With the fuse on the Battery side of the 12 Gauge Wire Assembly, Wire the Compressor according to the previous diagram.



***Visit DominionOffroad.com for Jeep JK specialty products.
Write-ups and posts, on the forums are greatly appreciated.
Spread the word and thank you!***



www.DominionOffRoad.com