



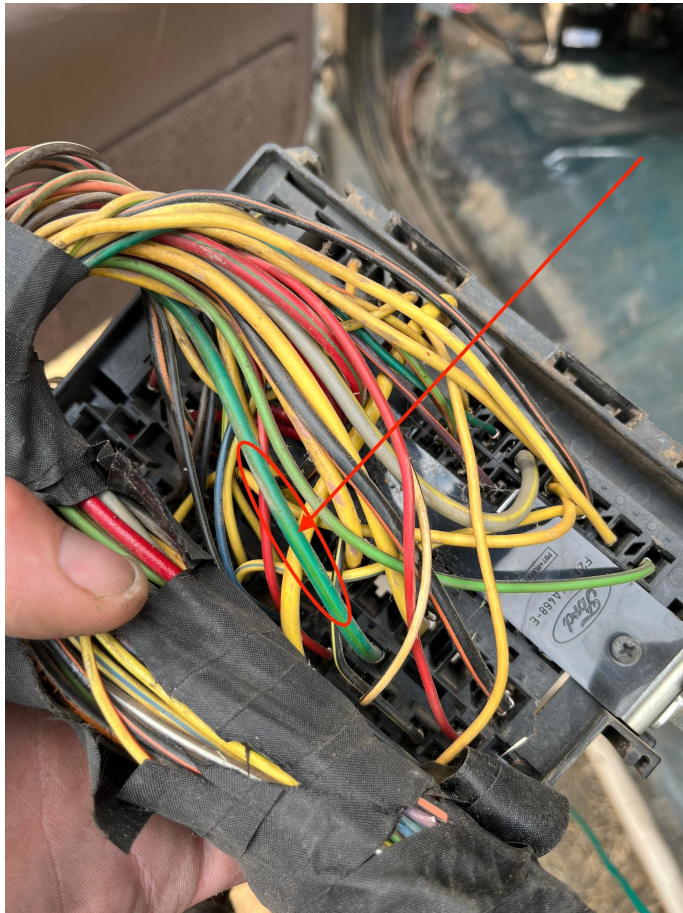
Electric Vacuum Pump Install Instructions

What's Included:

- Electric Vacuum Pump
- Mounting bracket
- Wiring pigtail
- 2- M8-1.25x20 Flange Bolts

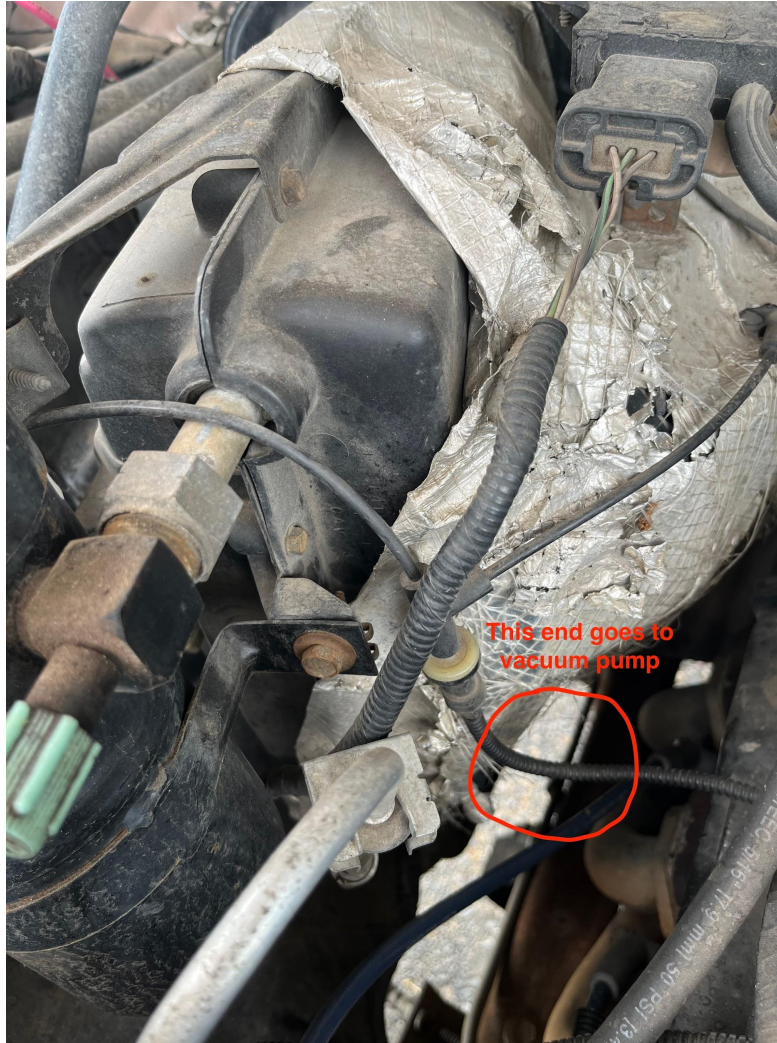
Notes: This kit is ONLY supposed to be used for running the HVAC controls on your truck. This vacuum pump will not be strong enough to support vacuum assisted brakes. Most people using this will have upgraded to hydroboost brakes and just need vacuum to run the HVAC controls.

1. Coat the vacuum pump bracket with paint or powder coat.
2. Remove the factory bottle jack and bracket that are bolted to the passenger side fender, just in front of the blower motor.
3. Bolt the new vacuum pump and bracket to the two bolt holes for the bracket you just removed.
4. The supplied wiring pigtail comes with four wires but you only need two of them. The red wire will get wired to a key-on 12v power source and the white wire will go to ground.
 - a. We prefer to use the large green wire under the main power distribution box, on the drivers side fender well, for our key-on 12v power.



i.

- b. Route the ground to the nearest body ground.
5. Now you just need to isolate the vacuum lines that go to the HVAC system and connect them to the vacuum pump. There is a black vacuum line that goes into the HVAC box, has a "T" in it near the AC accumulator, and one end goes to the vacuum reservoir on the side of the HVAC and the other end goes to the vacuum source. You will disconnect the end going to the vacuum source on the engine and connect it to the new vacuum pump.
 - a. This is an On Demand style pump so it only runs when it reads below a certain amount of vacuum. This means that if you have a leak in your system the vacuum pump will run continuously.



b.

****All products for Off-Road use only****