

Installation Instructions for 52215 Electric Vacuum Pump

This vacuum pump is designed for engines requiring a supplementary vacuum evacuation source by creating a vacuum inside the engine helping to improve ring seal and controlling blow-by.

Plumbing:

1. Plumb the inlet side of the pump to the valve cover. See Figure 1 below.
2. Plumb the outlet side of the pump to a breather tank to catch any oil residue that is pulled from the engine during operation. See Figure 1 below.

Wiring:

1. Assemble the connector using 14 gauge wire, making sure that when the connector is plugged into the pump the red wire leading from the pump gets power and the black wire leading from the pump goes to ground.
2. Slide one grommet over wire and splice wire back about 1/4".
3. Lay wire into brass connector and crimp tight.
4. Check the orientation of the plug and slide the brass connector into correct side of plug corresponding to the desired wire leading from the pump.
5. Once both wires are secure into the plug insert the latch clip. See Figure 2 below.

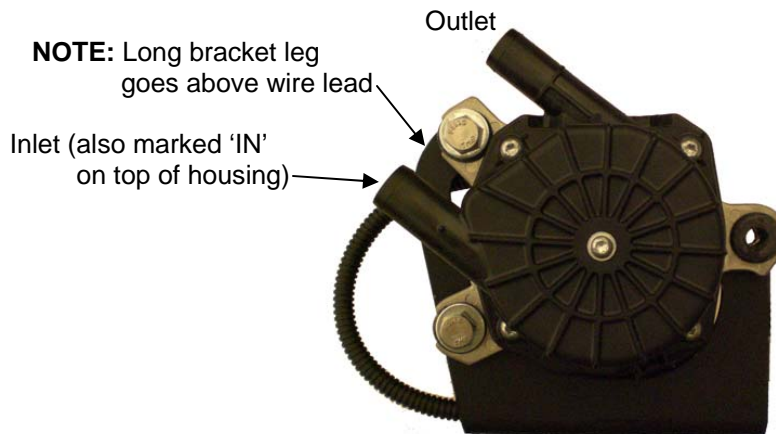


Figure 1

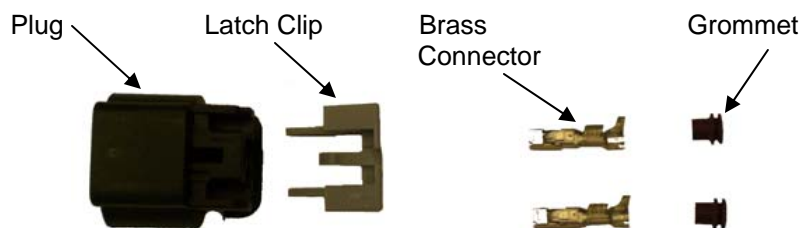


Figure 2