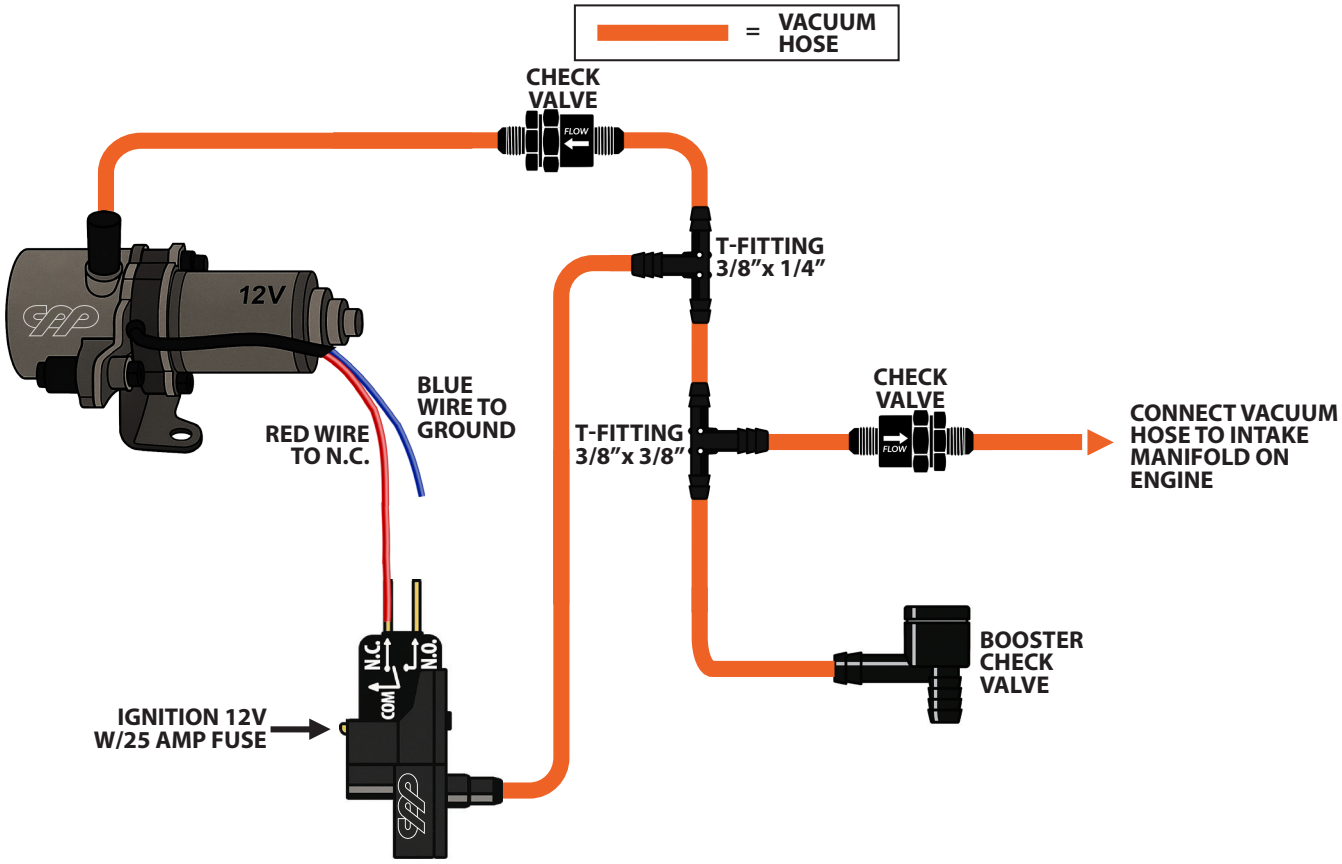
CPEVP-K WIRING & PLUMBING



Mount your vacuum pump in a dry location away from heat. Use the supplied hardware to attach the vacuum pump to the bracket once you have found a secure spot.

WIRING INSTRUCTIONS:

1) Cut off the connector, leaving the red and blue wires exposed.

2) Connect the blue wire to chassis ground.

3) Connect the red wire to the "N.C." terminal on the vacuum switch.

4) The "COM" position on the switch connects to key+ 12V using at least 12 gauge wire with a 25 amp fuse.

VACUUM HOSE ROUTING:

5) Connect a 11/32" vacuum hose from the vacuum pump port to the one-way check valve. Take note of the direction of the flow on the one-way check valve.

6) From the one way check valve, run a 11/32" vacuum hose to the 3/8" x ¼" T-fitting. Run a 11/32" vacuum hose from the T-fitting to the 3/8" x 3/8" T-fitting. Run a¼" hose from the 3/8" x ¼" T-fitting to the vacuum switch.

7) Run a 11/32" vacuum hose from the 3/8" x 3/8" T-fitting to the one way check valve. from the check valve run a 11/32" vacuum hose to a vacuum port on the intake manifold on the engine.

8) The other end of the 3/8" x 3/8" T-fitting will attach to the brake booster's check valve with a 11/32" vacuum hose.

9) The vacuum switch is adjustable with the use of an allen wrench. With a vacuum gauge, adjust the vacuum switch to the pump turns off at no less than 20" of vacuum.