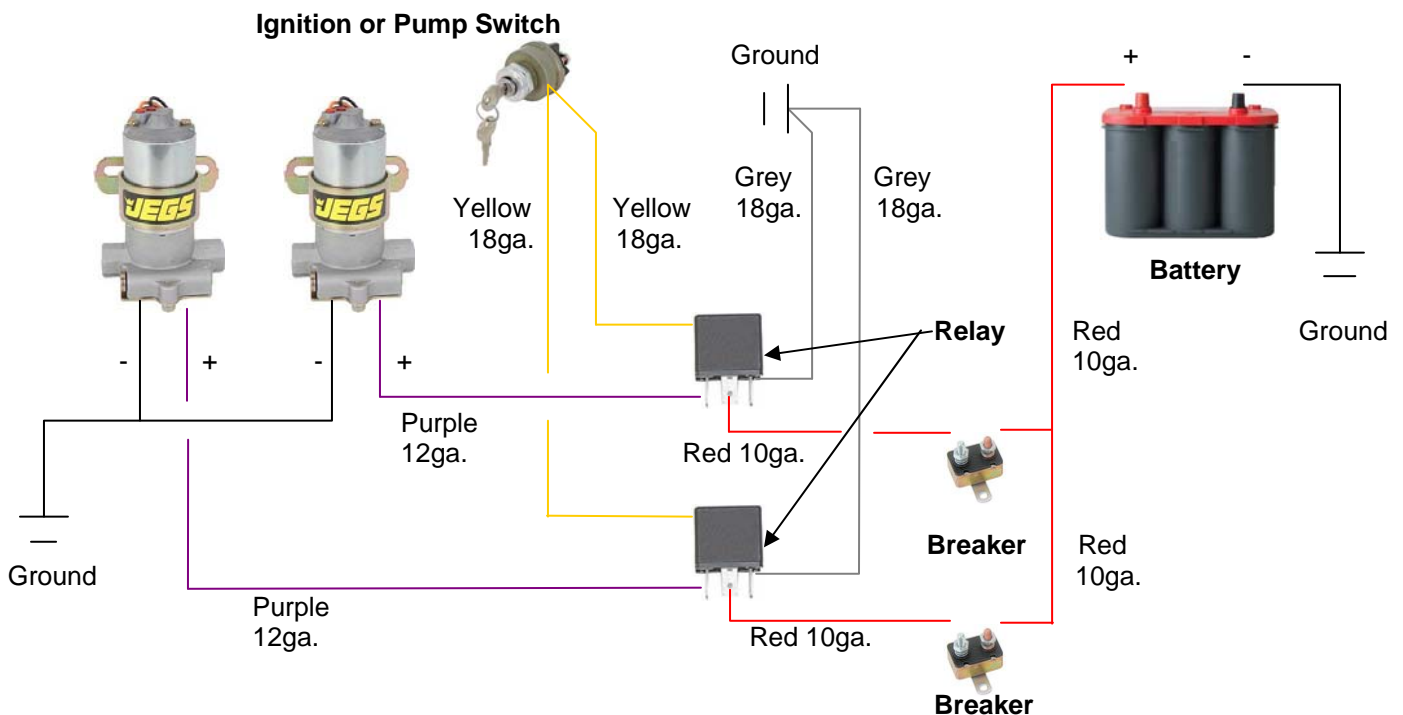


Installation Instructions for 10566 Dual Electric Fuel Pump Relay Kit

Be sure to route wires in a manner so that they do not chafe on any sharp metal edges and use proper terminals and connectors at all connecting points to insure proper electric fuel pump function. Use wire nuts, solder and heat shrink tubing or crimp connectors to make all of the electrical connections. We do not recommend the use of electrical tape as a means to make and hold connections together.

This fuel pump control kit is designed to be used in dual fuel pump applications as long as the combined current draw does not exceed 60 amps (30 amps per pump). This kit powers each pumps main power independently of each other, in the event of a circuit or pump failure the other pump and circuit will not be affected. It is important to connect the 10 gauge RED power wires and the pump ground wires utilizing separate connector and hookups.

1. For best results mount each relay in as close proximity to the pump it's powering as possible.
2. Secure the relay assembly with the included sheet metal screw. You may use this attachment for the GREY 18 gauge ground wire if it is making direct contact to a known ground, such as the chassis or underbody sheet metal. If the relay is attached to a plastic or other non conductive material be sure to route and secure the GREY 18 gauge wire to a known ground.
3. Attach the PURPLE 12 gauge wires to the positive (+) wires on the pumps utilizing the supplied connectors and terminals and connect the pumps grounds (-) in this manner. It is recommended to crimp and solder where practical.
4. Mount the circuit breakers near the power source you are using to power the pumps.
5. Cut the RED 10 gauge wires so they terminate near their respective circuit breaker; connect to one side of the circuit breaker using one of the supplied ring terminals. Attach another terminal on the remaining RED wire and connect to the other side of the circuit breaker. The circuit breaker will "pop" if the system is overloaded and will automatically reset once it has cooled down.
6. Route the YELLOW 18 gauge wires to the ignition switch or an auxiliary "pump switch" if you are independently switching the fuel system. After stripping, lightly twist these wired together before inserting and then crimping to the appropriate connection for your application.



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NOTE: JEGS always recommends the dual relay harness for redundancy in single pump applications.

