



FUEL PUMP RELAY KIT P/N CPR 6001024 Installation Instructions

Installation of this product requires detailed knowledge of automotive systems and repair procedures. We recommend that this installation be carried out by a qualified automotive technician. Installation of this product requires handling of gasoline. Ensure you are working in a well ventilated area with an approved fire extinguisher nearby. Extinguish all open flames, prohibit smoking and eliminate all sources of ignition in the area of the vehicle before proceeding with the installation. When installing this product, wear eye goggles and other safety apparel as needed to protect your self from debris and sprayed gasoline.

WARNING!

The fuel system is under pressure. Do not open the fuel system until the pressure has been relieved. Refer to the appropriate vehicle service manual for the procedure and precautions **Note: Be sure to route all electrical wires clear of any moving suspension or drive train components, and any exhaust components! Protect wires from abrasion and road obstructions or debris.**

Disconnect the battery.

1. Find a place to mount the supplied relay, and mounted by the OEM fuel pump wiring connector (**DO NOT mount the relay inside of the fuel tank or next to fuel tank vents!**). Insure the relay and any associated parts are clear of the exhaust, any moving suspension or drive train components and any possible road obstructions or debris.
2. Attach the OEM fuel pump wires (These typically are the red and black wires from the OEM wiring harness going to the fuel tank) to relay terminals 85 and 86 using two of the supplied blue female blade connectors
3. Find a suitable location for mounting the supplied circuit breaker. For optimal circuit protection, IF a circuit breaker needs to be mounted as close to the battery as possible. Connect terminal number 30(blue) on the relay to the circuit breaker by using the supplied red 10 ga. wire, one of the yellow female blade connectors on the relay end of the wire and one of the yellow #10 ring connectors on the circuit breaker side of the wire.
4. Connect terminal number 87 on the relay to the positive terminal on the CPR fuel pump. This is accomplished by using the supplied red 10 ga wire, one of the yellow female blade connectors on the relay side of the wire and one of the yellow butt connectors (or appropriate connector for the installation) on the fuel pump side of the wire.
5. Connect the negative terminal on the fuel pump to a chassis ground using the supplied black 10 ga. wire and one yellow #10 ring connector and one yellow butt connector. Connect 12VDC to the circuit breaker using the supplied red wire and one of the yellow #10 ring connectors and the supplied yellow 3/8" ring connector.
6. Reconnect the battery

