

# INSTALLATION INSTRUCTIONS

## 108131 Fuel Pump Connector Tap For High Current Pump Relay System

This kit is designed to be used in conjunction with our 102153 Heavy Duty Fuel Relay System. Using this kit, the Relay System will be controlled by the factory fuel pump relay. In order to make this system Plug And Play, you will need to re-wire the factory fuel pump relay as shown in the image below. Attach the supplied connector to the trigger wire on the 102153 Kit using a suitable crimp tool.

You must remove the gray connector from the factory fuel pump relay. Once you have identified the wires, find the Pink/Black stripe wire in Cavity D. Cut this wire about 4 in. from the connector, and tape the end that is in the wire harness. The other end (relay side) must be attached to the ground. You can insert a ring terminal on this wire and attach the ring terminal to a suitable ground, such as the screw that holds the relay in place.

Doing this effectively causes the factory fuel relay to switch to ground (instead of switching to positive) when the factory relay is energized. The switched ground then passes thru the factory wiring harness and supplies a switched ground to Cavity C in the fuel tank plug. This is the trigger to power the 102153 Relay System, which requires a negative trigger.

**CAUTION: Do not use the original connection on the factory Oil Pressure Switch. Be SURE this connector is not plugged in to any device. Also, be sure the black connector with gray wire (located behind alternator) is not attached to any device or connector.**

