

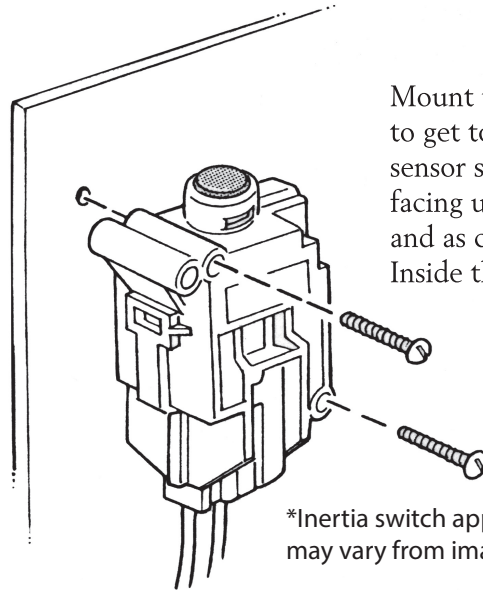
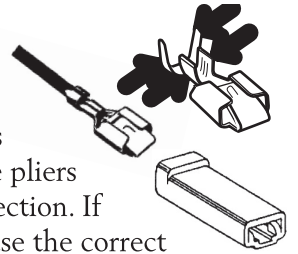
RON FRANCIS
Wiring

CR-92

Crash Sensor Relay

This crash sensor relay is designed to shut the electric fuel pump off in the event of a vehicle crash. The sensor should be mounted in the rear of the vehicle, out of the weather and as close to the fuel tank as possible. The unit is not water tight, getting it wet may cause it not to function as it was designed.

Packaged in this box are terminals and mating connectors for the connectors already installed on the wires running from the relay. If you are using the brass terminals supplied shown to the right, use needle nose pliers to crimp the wire to the terminal and solder the connection. If your installation requires the fork terminal supplied, use the correct crimp tool that does not puncture the insulation on the terminal.



Mount the sensor in an area that is not difficult to get to after the installation is complete. The sensor should be mounted with the red button facing up as shown in the drawing to the left and as close to the fuel tank as possible. Inside the trunk or rear seat area is preferred.

*Inertia switch appearance may vary from image.

Wiring Installation

This product is designed to interrupt the voltage supplied to the electric fuel pump. Locate the wire running from the electric fuel pump fuse to the fuel pump. Mount the relay close to the fuel pump fuse. Cut the wire running to the pump and install the female terminal shown above on the wire running from the fuel pump fuse. Connect this wire to the tan wire running from the relay labeled (INPUT). Remove and discard the wire running to the fuel pump. Run the long tan wire labeled (FUEL PUMP) direct to the fuel pump.

Run the black wire (CRASH SENSOR) back to the crash sensor and plug it in. Ground the black (GROUND) wire with the ring terminal to a good ground. Push down the red button on top of the sensor. The sensor is now set.

Testing the Installation

The sensor needs to be tested after the installation to ensure the sensor is working properly. Start the engine and go back to the crash sensor. With the "palm of your hand only", give the sensor a whack. The red button should trip and the fuel pump should shut off.

WARNING!

If you smell fuel, do not reset the switch or try to start your engine. You could injure yourself or others.

IF THE ENGINE CRANKS BUT DOES NOT START AFTER A COLLISION:

- 1) Turn the ignition key off and check under the vehicle for leaking fuel.
- 2) If you do not see or smell fuel, push the red reset button down. If the button is already down, you may have a different mechanical problem.
- 3) Turn the ignition on for a few seconds, then turn it off.
- 4) Check under the vehicle for leaking fuel. If you see or smell fuel, do not start your engine again.