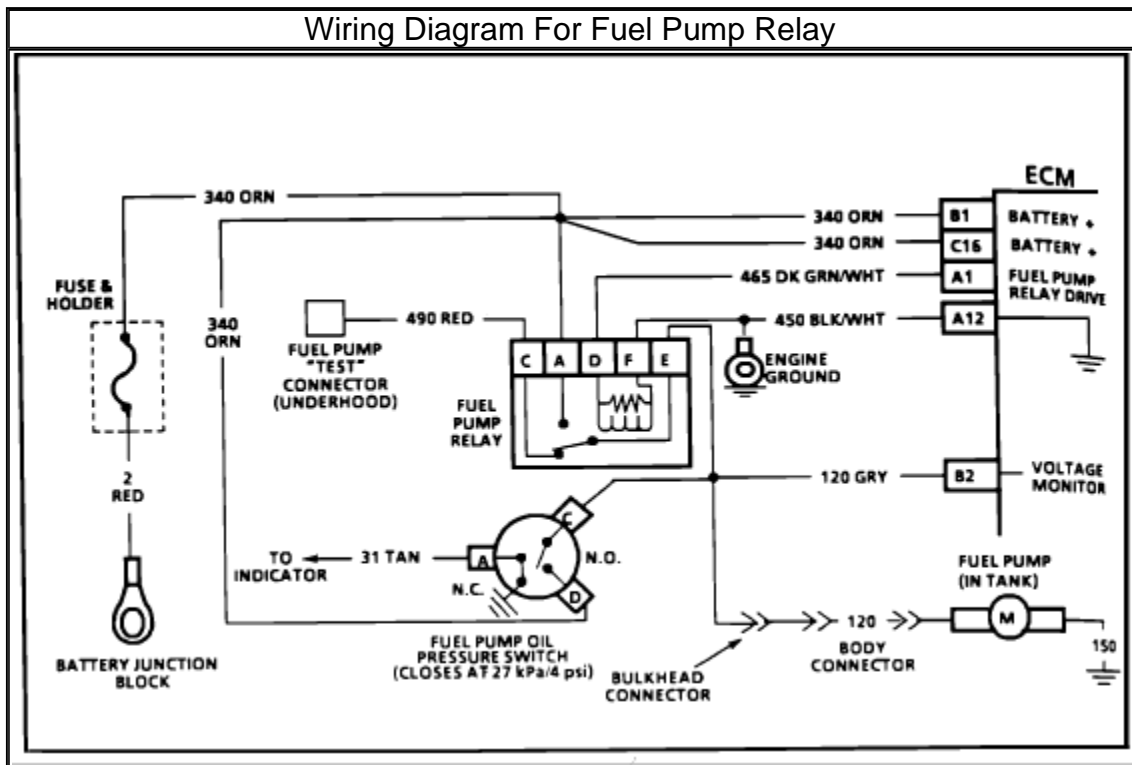


1991 Chevrolet Camaro RS V8-305 5.0L VIN E TBI

Vehicle Level → Powertrain Management → Fuel Delivery and Air Induction → Fuel Pump Relay → Testing and Inspection ←

Testing and Inspection



Zoom

Sized for Print

When the key is first turned ON, without the engine running, the ECM will turn the fuel pump relay ON for two seconds. This builds up the fuel pressure to normal operating pressure. If the engine is not started within two seconds, the ECM will shut the fuel pump OFF and wait until ignition reference pulses are present. As soon as the engine is cranked, the ECM turns the relay ON, which powers the fuel pump. The ECM continues to power the fuel pump during engine operation. If the fuel pump relay fails, it is backed up by the oil pressure switch, which continues to operate the fuel pump as long as oil pressure remains above 28.0 kPa (4 psi).

- A faulty fuel pump relay can result in long cranking times, particularly if the engine is cold.
- An inoperative fuel pump would cause a no start condition. A fuel pump

which does not provide enough pressure can result in poor performance.

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