

1997 Dodge BR - RAM PICKUP

Submodel: | Engine Type: L6 | Liters: 5.9L

Fuel Delivery: | Fuel: Diesel

FUEL SHUT DOWN RELAY - DIESEL ENGINE

When the engine starter motor relay energizes, its contacts close and connect circuit A2 from fuse 2 in the Power Distribution Center (PDC) to circuit T40. Circuit T40 supplies battery voltage to the engine starter motor solenoid and to the coil side of the fuel shut down relay. Circuit Z12 provides ground for the coil side of the relay.

Circuit A18 from the Power Distribution Center (PDC) supplies battery voltage to the contact side of the fuel shut down relay. When voltage is present on circuit T40, the relay energizes and its contacts close to connect circuits A18 and A123. Circuit A123 supplies power to one of the two coils in the fuel shut down solenoid.

When circuit A123 energizes, the fuel shut down solenoid raises the injection pump shut down lever to the RUN position.

When the ignition switch is released to the RUN position, it connects circuit A1 from fuse 3 in the PDC to circuit A21. Circuit A21 powers circuit F18 through fuse 9 in the fuse block. Circuit F18 supplies battery voltage to the second coil in the fuel shut down lever. When Circuit F18 energizes, the fuel shut down solenoid holds the injection pump shut down lever in the RUN position.

Circuit Z12 provides ground for the fuel shut down solenoid. Refer to Fuel Systems, for fuel shut down solenoid operation.