

The diagram illustrates the electrical system for the fuel system of a 2002 Dodge Ram 2500 4x4. It shows the following components and their connections:

- Battery:** Connected to the fuse block via a 20A fuse (F342) and a 10A fuse (F342).
- Fuse Block:** Contains fuses for the Fuel Pump (F342, 20A), Fuel Heater (F342, 10A), and Fuel Pressure Sensor (F342, 20A).
- Fuel Pump Control:** Receives power from the battery via a 20A fuse (F342) and controls the fuel pump via a 10A fuse (F342).
- Fuel Level Sensor:** Provides a signal to the Fuel Pump Control via a 20A fuse (F342).
- Fuel Pressure Sensor:** Provides a signal to the Fuel Pump Control via a 20A fuse (F342).
- Fuel Temperature Sensor:** Provides a signal to the Fuel Pump Control via a 20A fuse (F342).
- Fuel Pump:** Controlled by the Fuel Pump Control via a 10A fuse (F342).
- Fuel Heater:** Controlled by the Fuel Pump Control via a 10A fuse (F342).
- Fuel Pressure Regulator:** Controlled by the Fuel Pump Control via a 20A fuse (F342).
- Wiring:** The diagram uses color-coded wires (red, blue, green, yellow, orange, black) and includes a legend for wire colors and gauges.