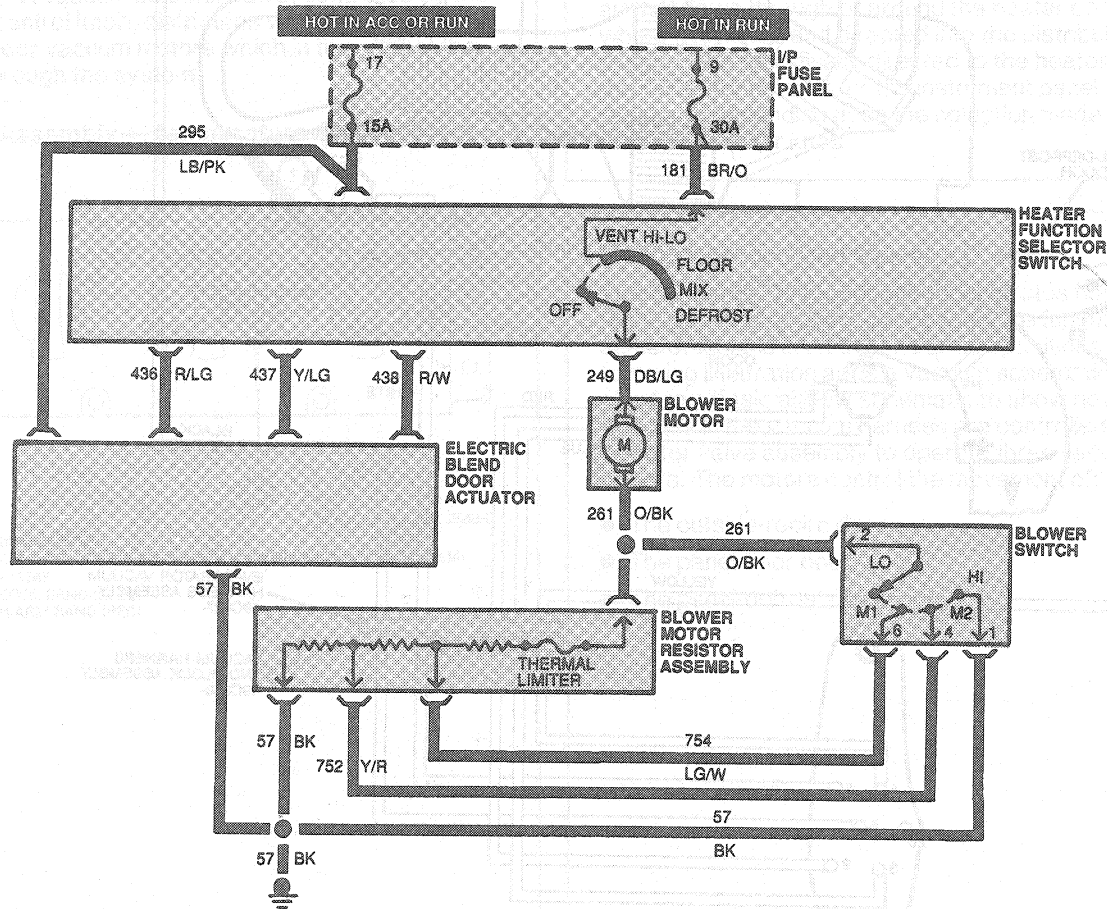


DESCRIPTION AND OPERATION (Continued)

The panel-floor door vacuum motor has two vacuum lines. When vacuum is applied to both lines, the door moves to its full vacuum position. When vacuum is applied to the blue line only, the door moves to a partial vacuum position. If it is applied to the red line only (or neither line) the door will assume a no vacuum position.

The following illustration shows the system electrical wiring diagram and provides charts which contain some test data.

Heater System Electrical Wiring Diagram



L6227-A

Safety Precautions

Whenever components in the engine compartment or instrument panel areas are being serviced, the battery ground cable must be disconnected to eliminate the possibility of electrical shorts, burned-up wiring, and dangerous fires. Extreme care must be exercised when performing electrical tests where the battery must be connected to operate the system.

WARNING: CARBON MONOXIDE IS COLORLESS, ODORLESS AND DANGEROUS. IF IT IS NECESSARY TO OPERATE THE ENGINE WITH THE VEHICLE IN A CLOSED AREA SUCH AS A GARAGE, ALWAYS USE AN EXHAUST COLLECTOR TO VENT THE EXHAUST GASES OUTSIDE THE CLOSED AREA.

Components

Control Assembly

The control assembly consists of three main parts: 1) the function selector—a vacuum selector valve combined with an internal electrical switch; 2) blower switch—an electrical switch that provides four speeds of blower operation, and 3) the temperature control knob which connects through an electric actuator to the temperature blend door of the plenum assembly.