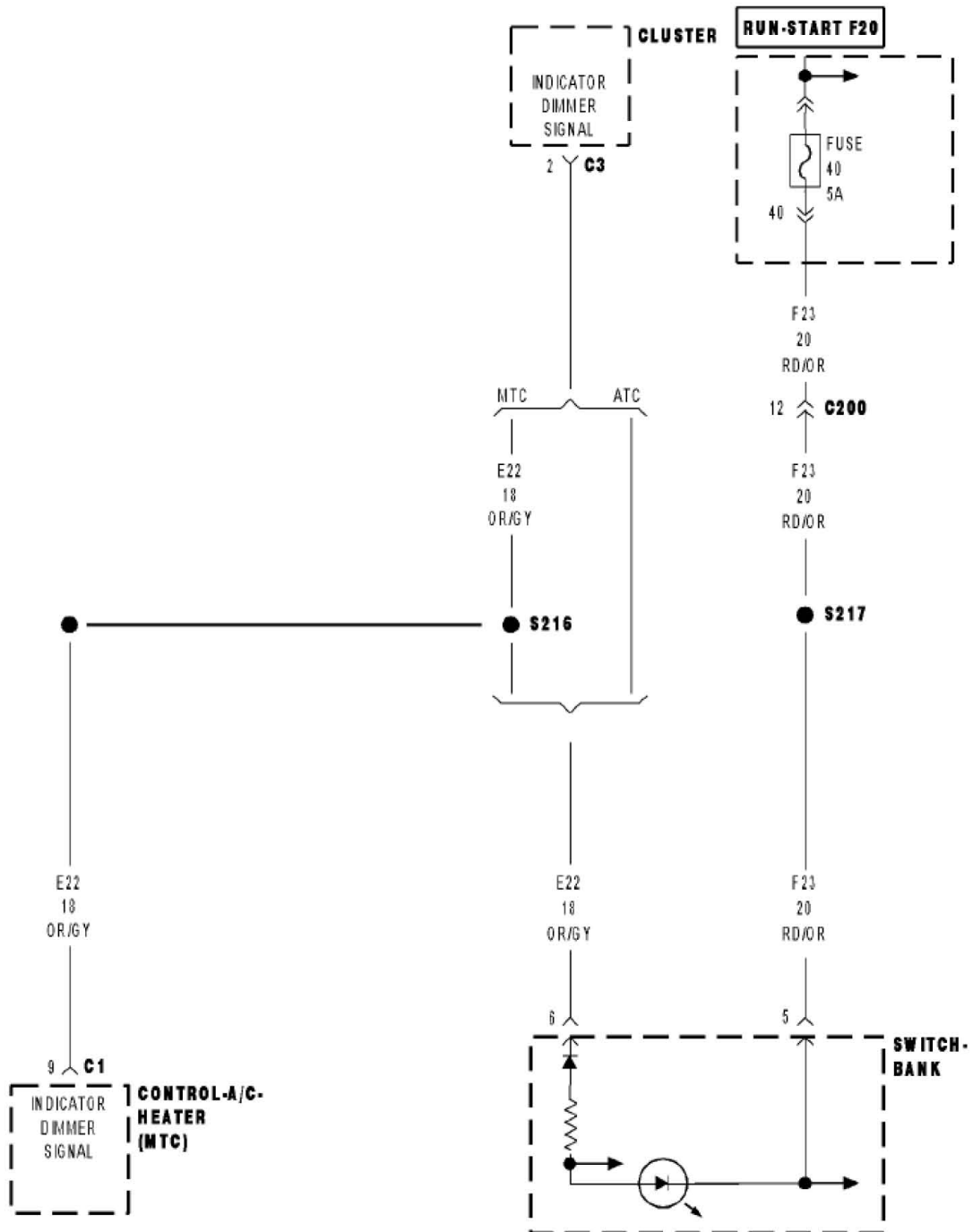


B1694 ACCESSORY DIMMING CONTROL CIRCUIT HIGH



- 1). When Monitored:
Indicator Dimming Signal active. ATC not present.
- 2). Set Condition:
Indicator Dimmer Signal Output status LOW.

Possible Causes
1. (E22) INDICATOR DIMMER SIGNAL CIRCUIT SHORTED TO VOLTAGE 2. INSTRUMENT CLUSTER

Diagnostic Test

1). CHECK FOR AN ACTIVE DTC

- Turn the ignition on.
- With the scan tool, record and erase DTCs.
- Activate the Accessory Dimming.
- With the scan tool, read DTCs.

Is the DTC active?

Yes >> Go To 2

No >> The condition that caused this code to set is not present at this time.
Check for an intermittent condition by inspecting the related wiring harness for chaffed, pierced, pinched, and partially broken wires. Also inspect the related connectors for broken, bent, pushed out, spread, corroded, or contaminated terminals.
Perform BODY VERIFICATION TEST - VER 1.

2). CHECK (E22) INDICATOR DIMMER SIGNAL CIRCUIT FOR A SHORT TO VOLTAGE

- Turn the ignition off.
- Disconnect the Instrument Cluster C3 harness connector.
- Disconnect the Switch Bank harness connector.
- Disconnect the A/C Heater Control C1 (MTC) harness connector.
- Turn the ignition on.
- Check the voltage on the (E22) Indicator Dimmer Signal circuit.

Is the voltage above 0.5 volts?

Yes >> Repair the (E22) Indicator Dimmer Signal circuit for a short to voltage.

Perform BODY VERIFICATION TEST - VER 1.

No >> Replace the Instrument Cluster in accordance with the service information.

Perform BODY VERIFICATION TEST - VER 1.

