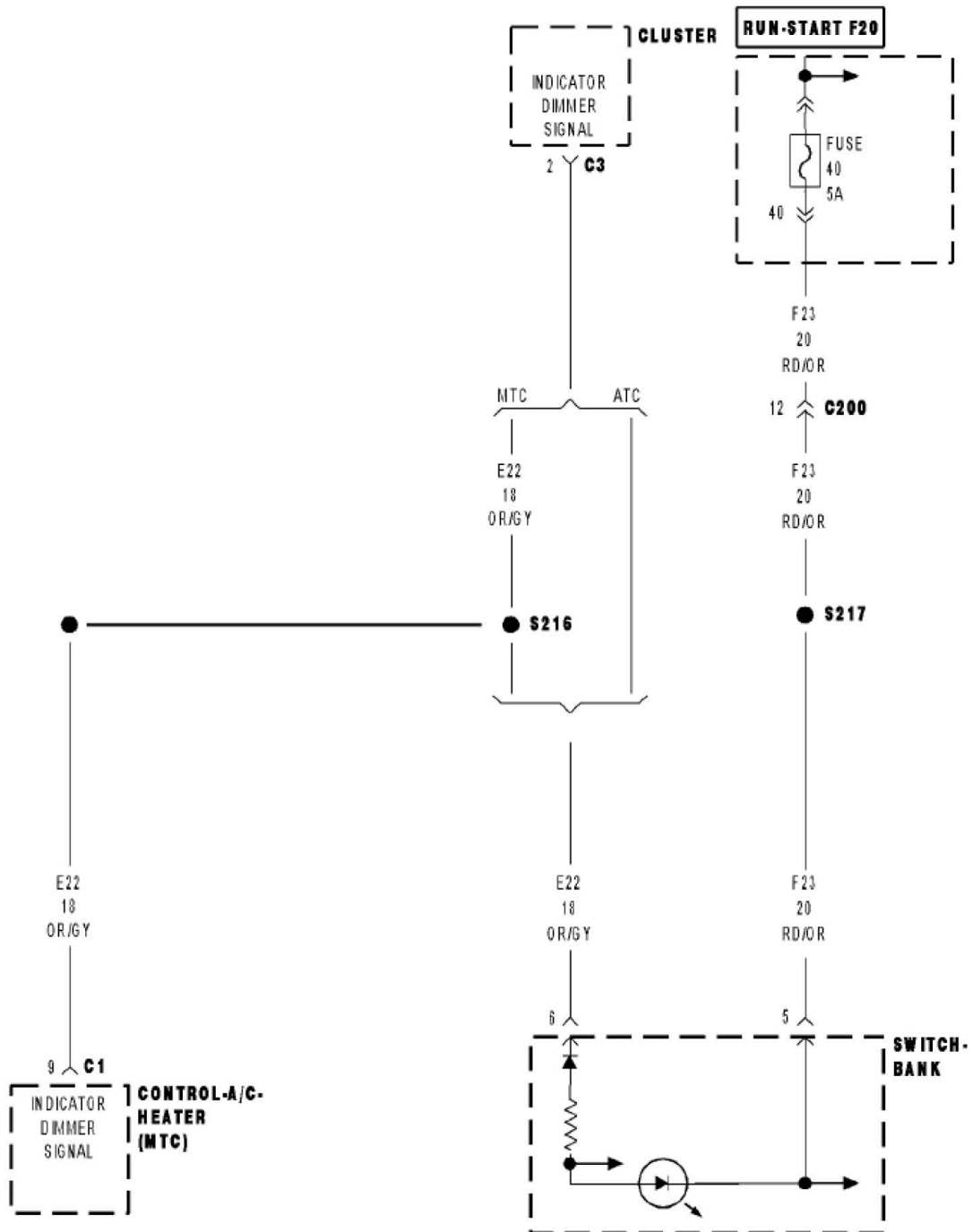


B1695 ACCESSORY DIMMING CONTROL CIRCUIT OPEN



- 1). When Monitored:
Ignition Run/Start transition to on, and ATC not present.
- 2). Set Condition:
Input Dimmer Signal Output status HIGH.

Possible Causes
1. (E22) INDICATOR DIMMER SIGNAL CIRCUIT OPEN 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 rear wiper switch.
- 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 THE (E22) INDICATOR DIMMER SIGNAL CIRCUIT FOR AN OPEN

- Turn the ignition off.
- Disconnect the Instrument Cluster C3 harness connector.
- Disconnect the Switch Bank harness connector.
- Measure the resistance of the (E22) Indicator Dimmer Signal Circuit between the Instrument Cluster C3 Harness connector and the Switch Bank harness connector.

Is the resistance above 5.0 ohms?

Yes >> Repair the (E22) Indicator Dimmer Signal Circuit for an open.
Perform BODY VERIFICATION TEST - VER 1.

No >> Replace the Instrument Cluster in accordance with the service information.
Perform BODY VERIFICATION TEST - VER 1.

