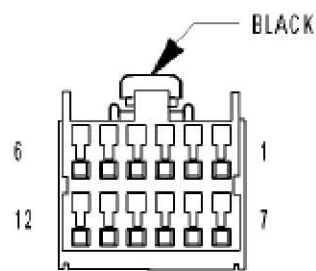
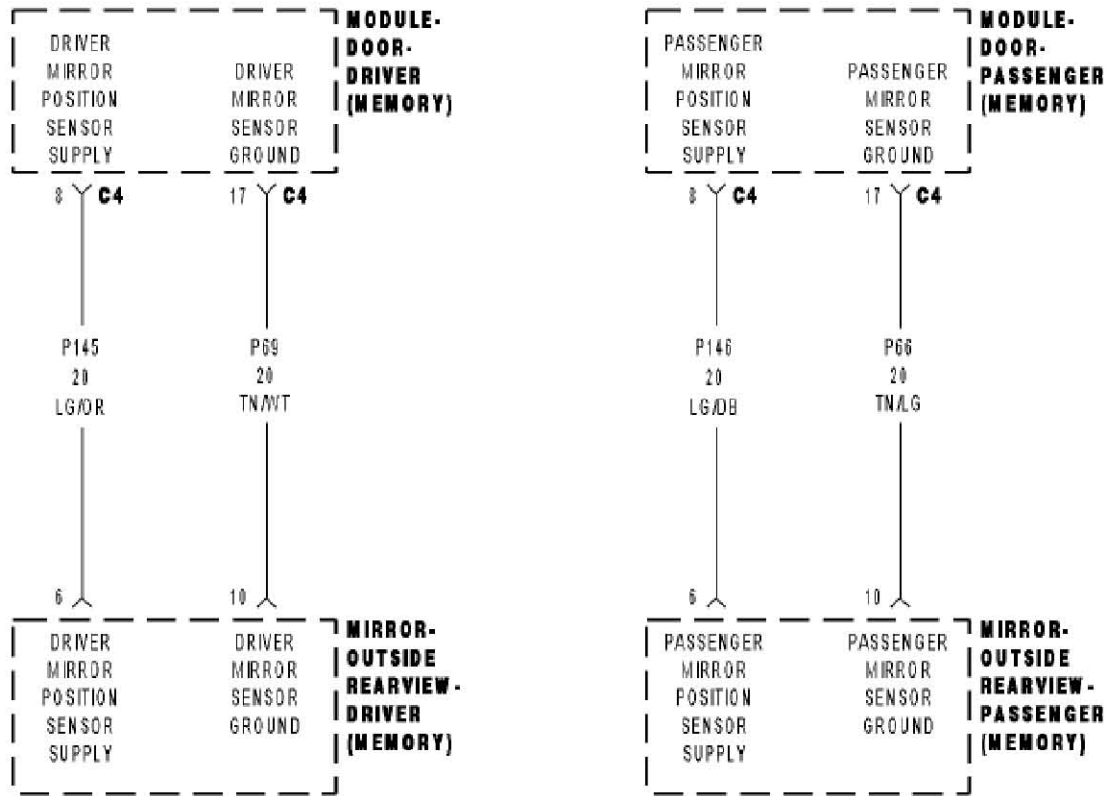
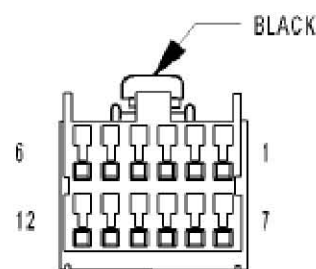


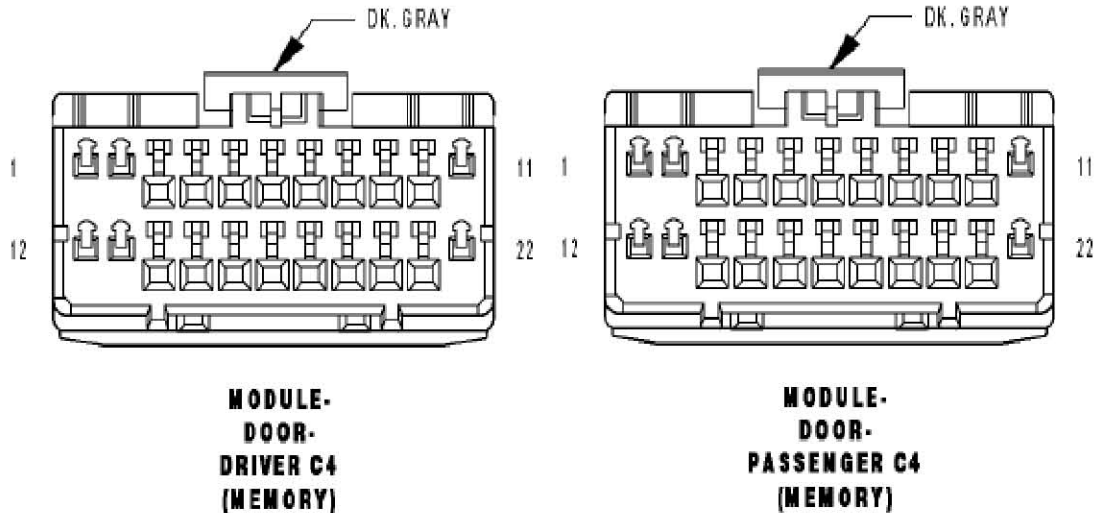
B1D09 B1D12 MIRROR POSITION SENSOR POWER SUPPLY CIRCUIT LOW – MEMORY MIRROR MODULE



MIRROR-OUTSIDE REARVIEW-DRIVER (MEMORY)



MIRROR-OUTSIDE REARVIEW-PASSENGER (MEMORY)



- 1). When Monitored:
Continuously
 - 2). Set Condition:
When the Driver Door Module senses voltage below 4.3 volts on the Mirror Position Sensor Supply circuit for over 30ms., this code will set.
- NOTE:** This test covers both the Driver and Passenger code depending on the side the code appeared in.

Possible Causes

1. (P145) OR (P146) MIRROR POSITION SENSOR SUPPLY CIRCUIT SHORT TO GROUND
2. (P145) OR (P146) MIRROR POSITION SENSOR SUPPLY CIRCUIT SHORTED TO (P69) OR (P66) MIRROR SENSOR GROUND CIRCUIT
3. MIRROR SHORTED
4. DRIVER OR PASSENGER DOOR MODULE

Diagnostic Test

- 1). TEST FOR INTERMITTENT CONDITION
Turn the ignition on.
With the scan tool, record and erase DTC's
Press the Mirror Switch in all directions several times.
Cycle the ignition from on to off 3 times.
Turn the ignition on.
With the scan tool, read DTC's.
Does the scan tool display B1D09 or B1D12-MIRROR POSITION SENSOR POWER SUPPLY CIRCUIT LOW?
Yes >> Go To 2
No >> The conditions that caused this code to set are not present at this time.
Using the wiring diagram/schematic as a guide, inspect the wiring and connectors.

2). TEST FOR A SHORTED MIRROR

Turn the ignition off.

Disconnect the appropriate mirror connector.

Turn the ignition on.

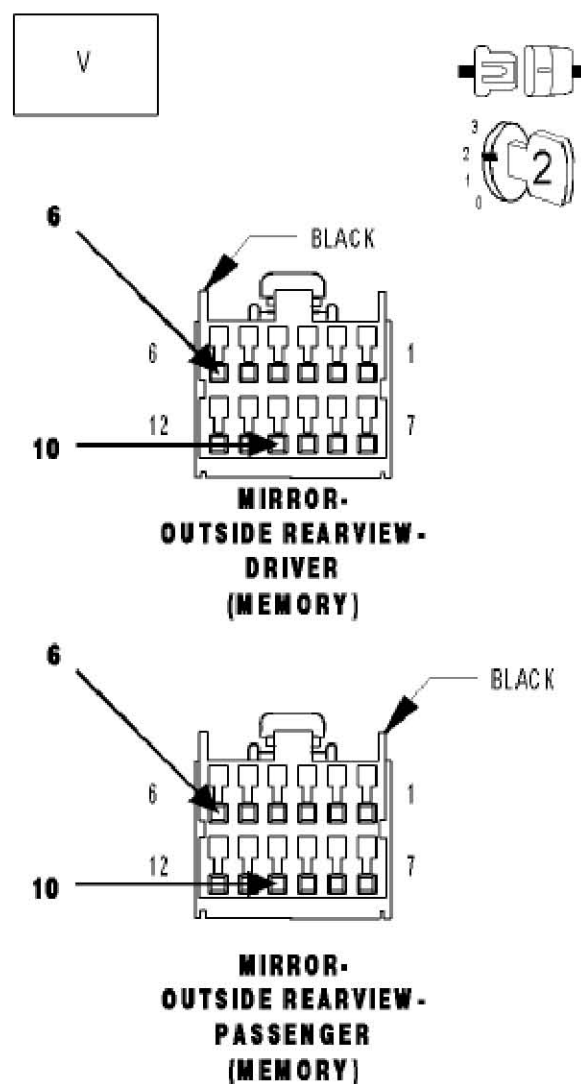
Measure the voltage between the (P145) or (P146) Mirror Position Sensor Supply circuit and the ((P69) or (P66) Mirror Sensor Ground circuit.

Is the voltage above 4.6 volts?

Yes >> Replace the Mirror.

Perform BODY VERIFICATION TEST - VER 1.

No >> Go to 3



3). TEST THE (P145) OR (P146) MIRROR POSITION SENSOR SUPPLY WIRE

Turn the ignition off.

Disconnect the appropriate Driver Door Module connector.

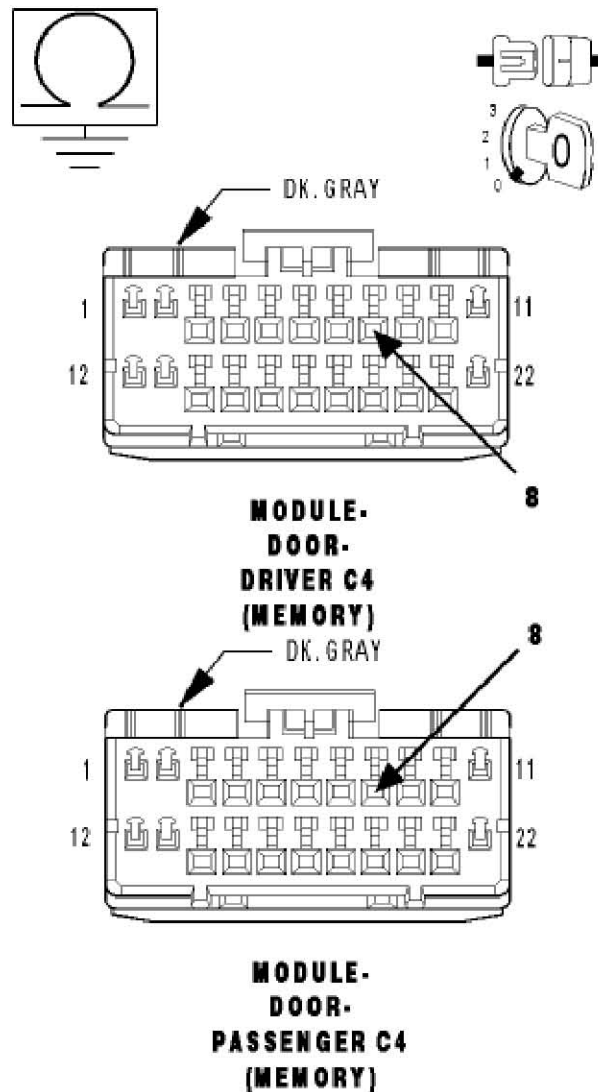
Measure the resistance between ground and the (P145) or (P146) Mirror Position Sensor Supply circuit.

Is the resistance below 5000.0 ohms?

Yes >> Repair the (P145) or (P146) Mirror Position Sensor Supply circuit for a short to ground.

Perform BODY VERIFICATION TEST - VER 1.

No >> Go to 4



- 4). TEST THE (P145) OR (P146) MIRROR POSITION SENSOR SUPPLY WIRE SHORTED TO THE (P69) OR (P66) MIRROR SENSOR GROUND CIRCUIT.

Measure the resistance between the (P145) or (P146) Mirror Position Sensor Supply circuit and the (P69) or (P66) Mirror Sensor Ground circuit.

Is the resistance below 5000.0 ohms?

Yes >> Repair the (P145) or (P146) Mirror Position Sensor Supply circuit for a short to the (P69) or (P66) Sensor Ground Circuit.

Perform BODY VERIFICATION TEST - VER 1. (Refer to BODY VERIFICATION TEST - VER 1).

No >> Replace the appropriate Driver Door Module.

Perform BODY VERIFICATION TEST - VER 1

