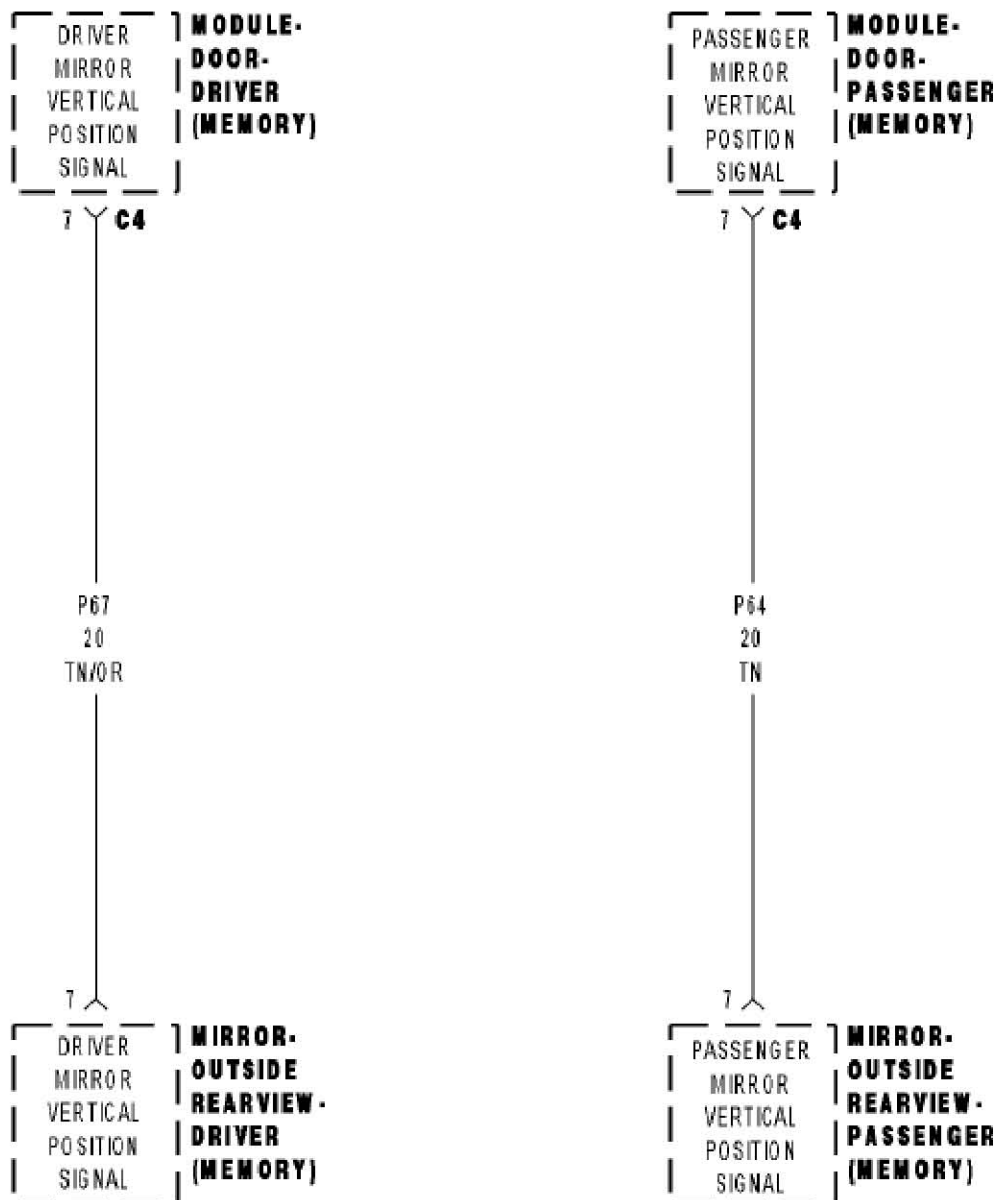
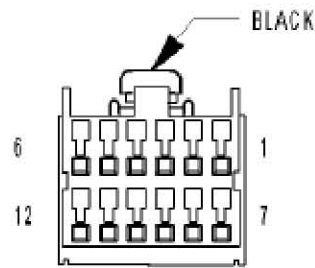
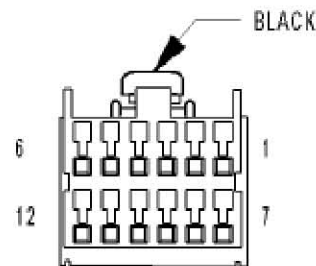


B1D10 B1D19–MIRROR HORIZONTAL POSITION SENSOR INPUT CIRCUIT HIGH – DOOR MODULE

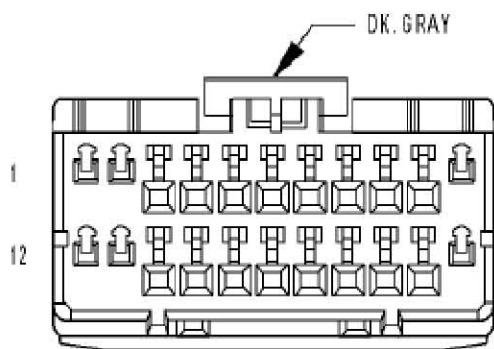




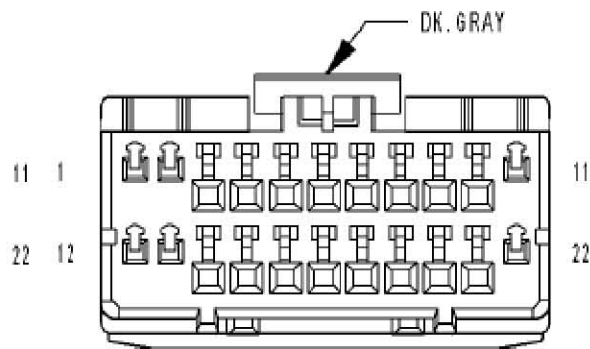
**MIRROR-
OUTSIDE REARVIEW-
DRIVER
(MEMORY)**



**MIRROR-
OUTSIDE REARVIEW-
PASSENGER
(MEMORY)**



**MODULE-
DOOR-
DRIVER C4
(MEMORY)**



**MODULE-
DOOR-
PASSENGER C4
(MEMORY)**

- 1). When Monitored:
Continuously
- 2). Set Condition:

When the Driver/Passenger Door Module senses a value below the parameter of the mirror sensor on the Mirror Vertical Position Signal circuit for over 60ms., 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. (P65) OR (P68) MIRROR HORIZONTAL POSITION SIGNAL CIRCUIT SHORT TO VOLTAGE
2. (P65) OR (P68) MIRROR HORIZONTAL POSITION SIGNAL CIRCUIT OPEN
3. (P69) OR (P66) MIRROR SENSOR GROUND CIRCUIT OPEN
4. MIRROR OPEN
5. DRIVER/PASSENGER DOOR MODULE

Diagnostic Test

1). TEST FOR INTERMITTENT CONDITION

Turn the ignition on.

With the scan tool, record and erase DTC's

Operate 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 B1D10 or B1D19 MIRROR HORIZONTAL POSITION SENSOR INPUT CIRCUIT HIGH?

Yes >> Go To 2

No >> The conditions that caused this code to set are not present at this time.
Using the wiring diagram/schematics as a guide, inspect the wiring and connectors.

2). TEST FOR AN OPEN MIRROR

Disconnect the appropriate mirror connector.

Turn the ignition on.

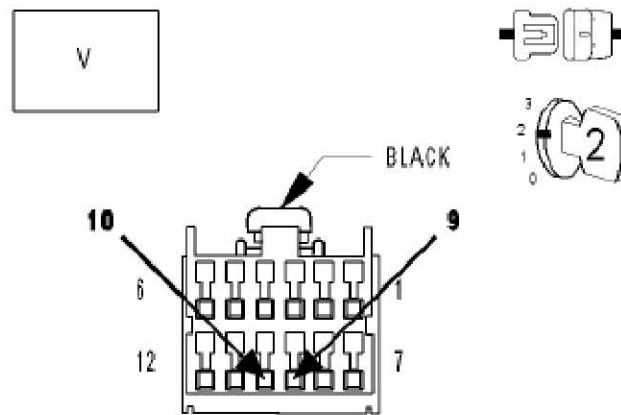
Measure the voltage between the (P65) or (P68) Mirror Horizontal Position Signal circuit and the (P69) or (P66) Mirror Sensor Ground circuit.

Is the voltage between 4.8 and 5.2 volts?

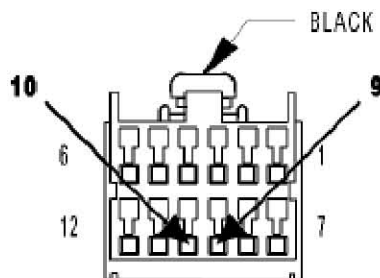
Yes >> Replace the Mirror.

Perform BODY VERIFICATION TEST - VER 1.

No >> Go to 3



**MIRROR-
OUTSIDE REARVIEW-
PASSENGER
(MEMORY)**



**MIRROR-
OUTSIDE REARVIEW-
DRIVER
(MEMORY)**

3). TEST THE (P65) OR (P68) MIRROR HORIZONTAL POSITION SIGNAL WIRE FOR A SHORT TO GROUND

Turn the ignition off.

Disconnect the appropriate Door Module C4 connector.

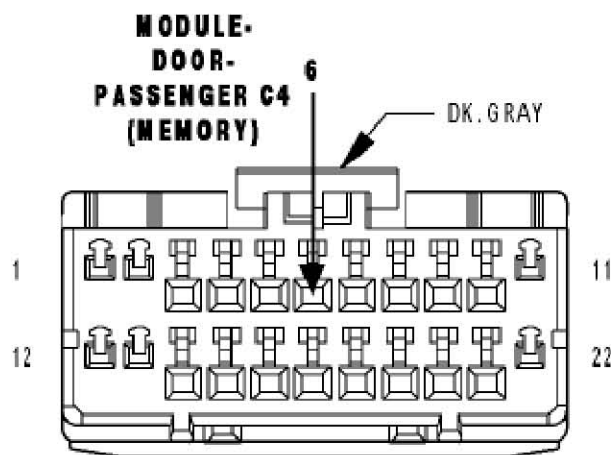
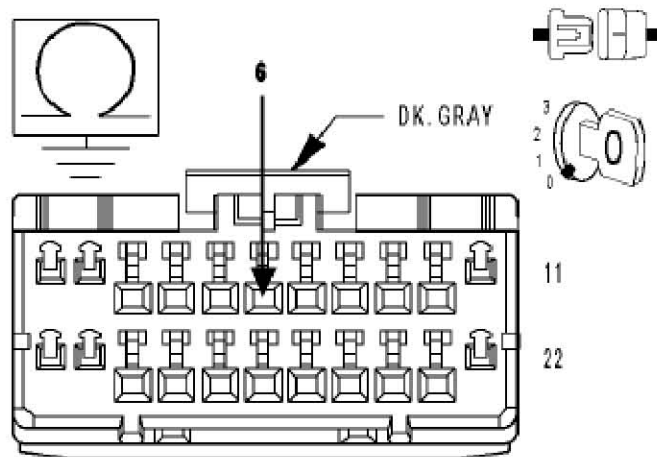
Measure the resistance between ground and the (P65) or (P68) Mirror Horizontal Position Signal circuit.

Is there any voltage present?

Yes >> Repair the (P65) or (P68) Mirror Horizontal Position Signal circuit for a short to ground.

Perform BODY VERIFICATION TEST - VER 1.

No >> Go to 4



**MODULE-
DOOR-
DRIVER C4
(MEMORY)**

4). TEST THE (P69) OR (P66) MIRROR SENSOR GROUND WIRE FOR AN OPEN

Turn the ignition off.

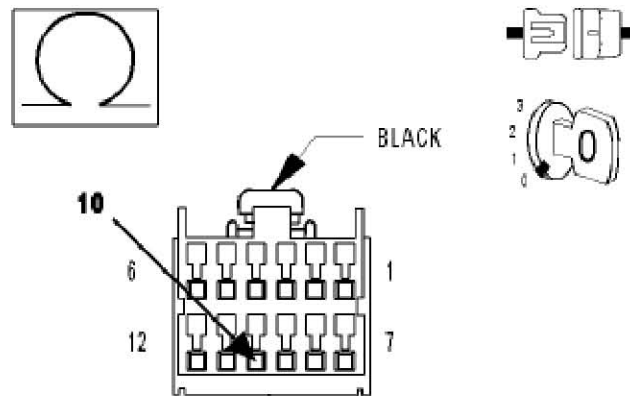
Measure the resistance of the (P69) or (P66) Mirror Sensor Ground circuit between the Module connector and the Mirror connector.

Is the resistance below 2.0 ohms?

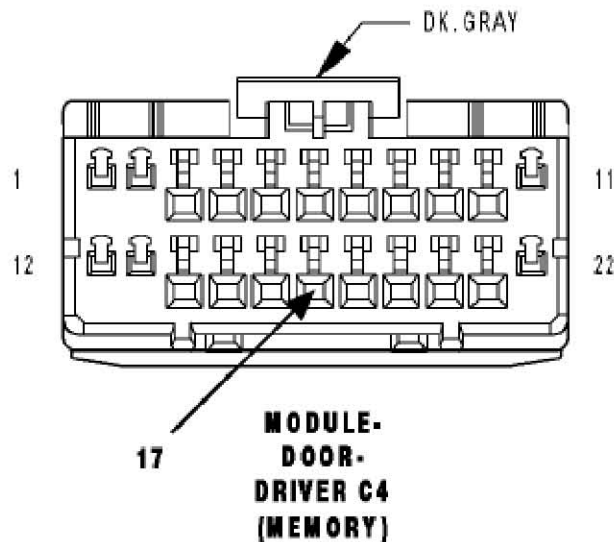
No >> Repair the (P69) or (P66) Mirror Sensor Ground circuit for an open.

Perform BODY VERIFICATION TEST - VER 1.

Yes >> Go to 5



**MIRROR-
OUTSIDE REARVIEW-
DRIVER
(MEMORY)**



**MODULE-
DOOR-
DRIVER C4
(MEMORY)**

5). TEST THE (P65) OR (P68) MIRROR HORIZONTAL POSITION SIGNAL WIRE FOR AN OPEN

Measure the resistance of the (P65) or (P68) Mirror Horizontal Position Signal circuit between the Module connector and the Mirror connector.

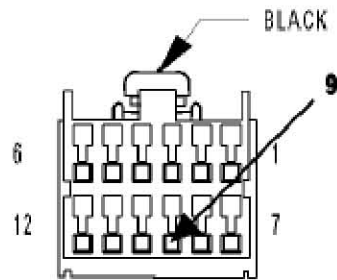
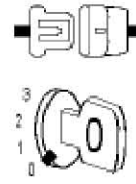
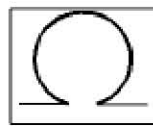
Is the resistance below 2.0 ohms?

No >> Repair the (P65) or (P68) Mirror Horizontal Position Signal circuit for an open.

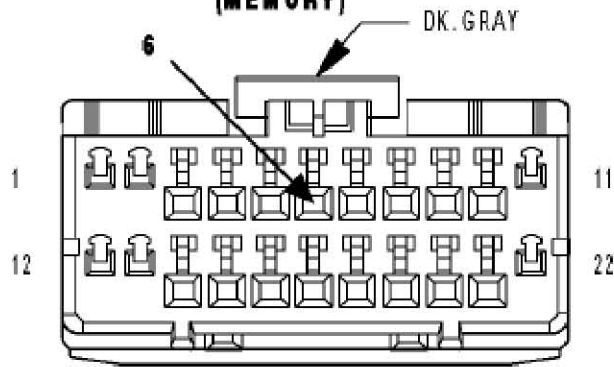
Perform BODY VERIFICATION TEST - VER 1.

Yes >> Replace the appropriate Door Module.

Perform BODY VERIFICATION TEST - VER 1.



**MIRROR-
OUTSIDE REARVIEW-
DRIVER
(MEMORY)**



**MODULE-
DOOR-
DRIVER C4**