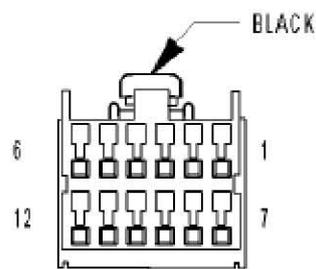
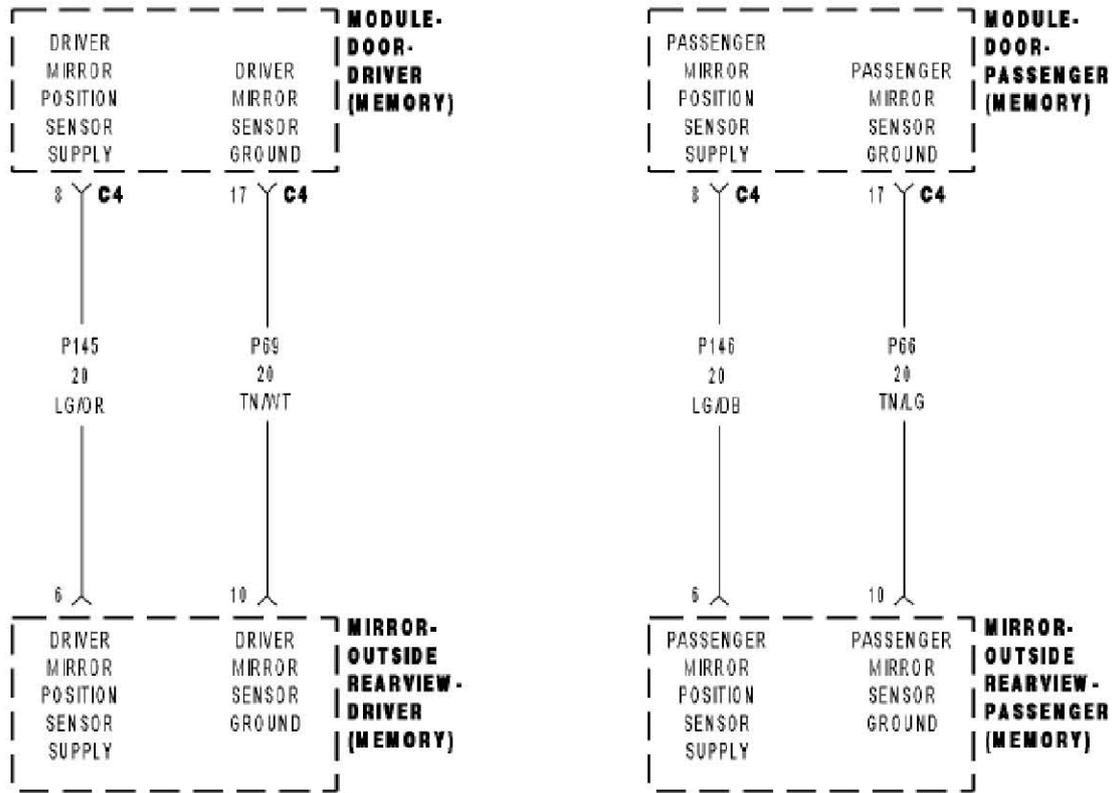
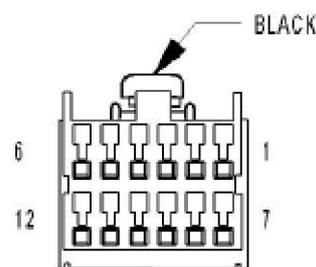


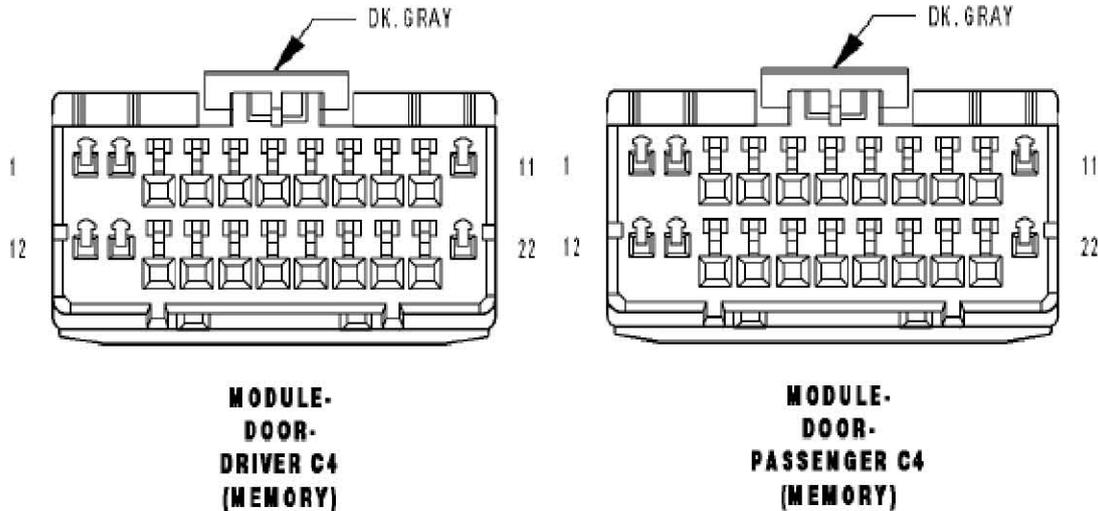
B1D0A B1D13 MIRROR POSITION SENSOR POWER SUPPLY CIRCUIT HIGH – DOOR MODULE



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 5.5 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 OPEN
2. (P145) OR (P146) MIRROR POSITION SENSOR SUPPLY CIRCUIT SHORT TO VOLTAGE
3. (P69) R (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
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 B1D0A or B1d13-MIRROR POSITION SENSOR POWER SUPPLY 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/schematic as a guide, inspect the wiring and connectors.

2). TEST FOR AN OPEN MIRROR

Turn the ignition off.

Disconnect the appropriate mirror connector.

Turn the ignition on.

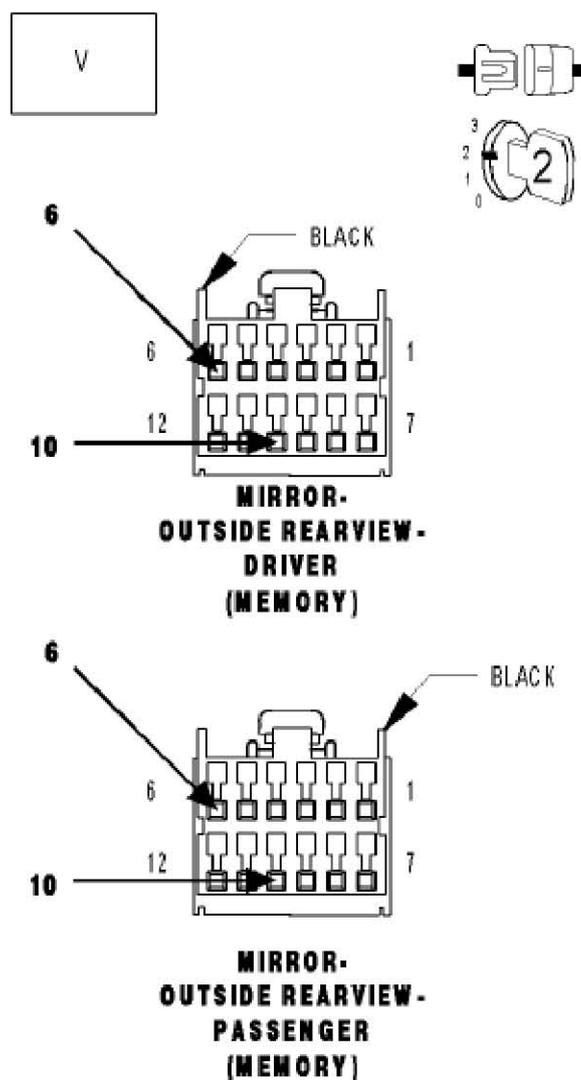
Measure the voltage between the (P145) or (P146) Mirror Position Sensor Supply circuit and the ((P69) or (P66) Mirror Sensor Ground circuit.

Is the voltage between 4.8 and 5.2 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 FOR AN OPEN

Turn the ignition off.

Disconnect the appropriate Door Module C4 connector.

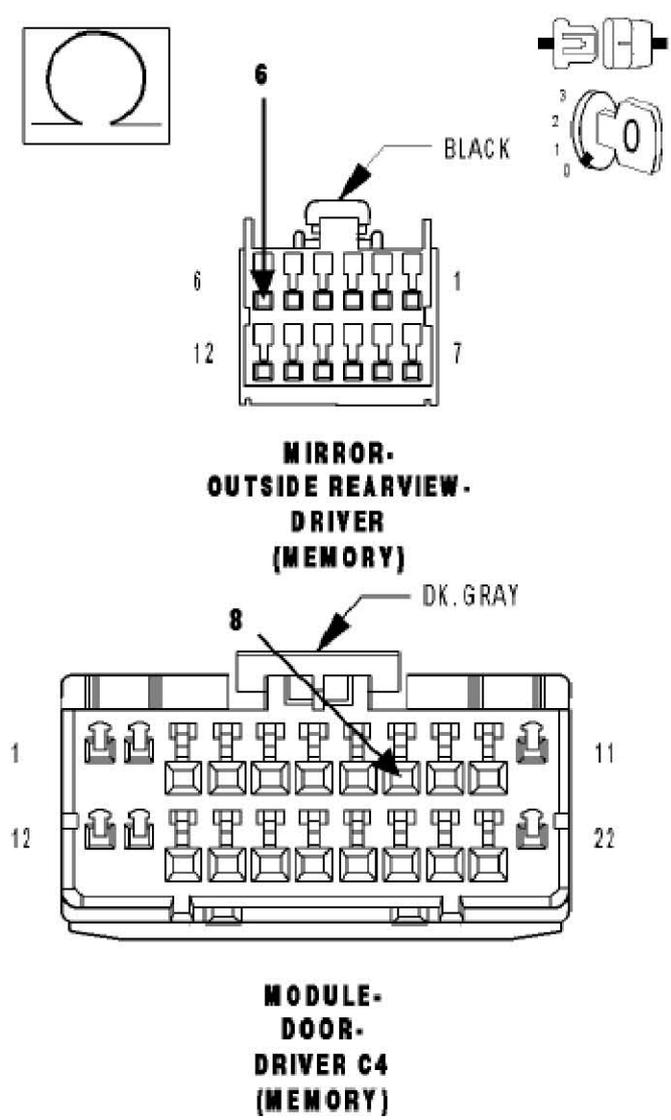
Measure the resistance between of the (P145) or (P146) Mirror Position Sensor Supply circuit between the Module connector and the Mirror connector.

Is the resistance below 2.0 ohms?

No >> Repair the (P145) or (P146) Mirror Position Sensor Supply circuit for an open..

Perform BODY VERIFICATION TEST - VER 1.

Yes >> Go to 4



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

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

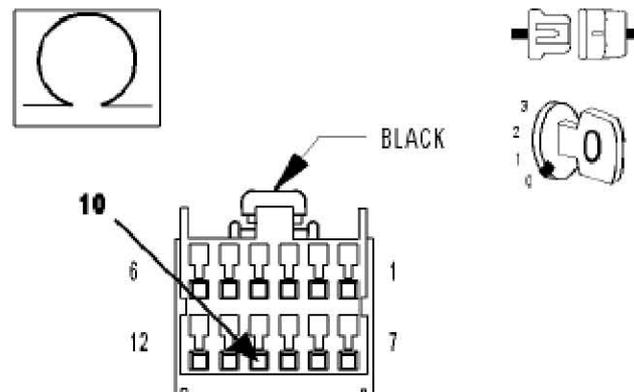
Is the resistance below 2.0 ohms?

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

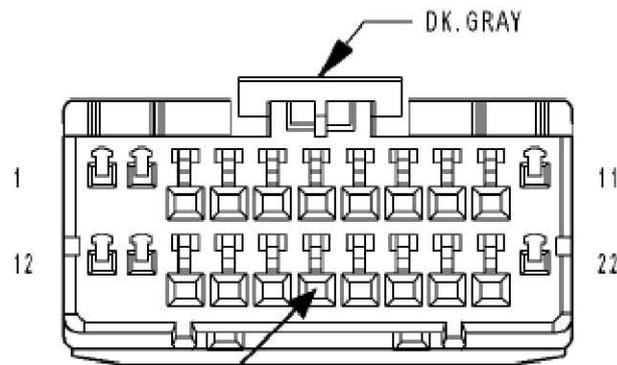
Perform BODY VERIFICATION TEST - VER 1.

Yes >> Go to 5

Perform BODY VERIFICATION TEST - VER 1.



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



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

5). TEST THE (P145) OR (P146) MIRROR POSITION SENSOR SUPPLY WIRE SHORTED TO VOLTAGE

Turn the ignition on.

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

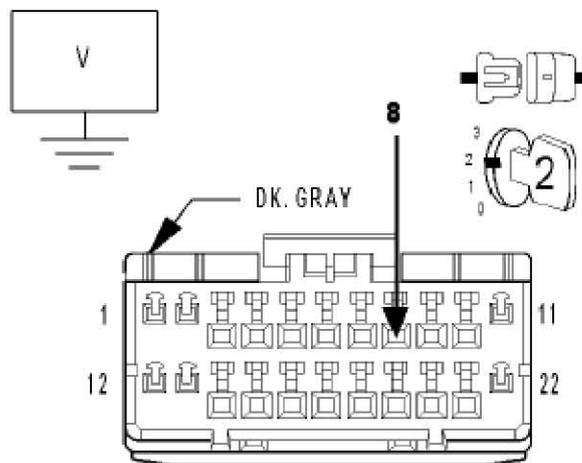
Is there any voltage present?

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

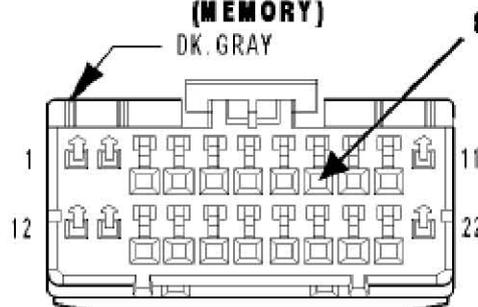
Perform BODY VERIFICATION TEST - VER 1.

No >> Replace the appropriate Door Module.

Perform BODY VERIFICATION TEST - VER 1.



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



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