

B1206 PASSENGER AIRBAG INDICATOR CIRCUIT OPEN

- 1). When Monitored:
With the ignition on.
- 2). Set Condition:
If the Occupant Restraint Controller (ORC) cannot detect voltage on the (G104) Passenger Airbag Indicator Driver circuit.

Possible Causes
1. SWITCH BANK CONNECTOR DISCONNECTED
2. (G104) PASSENGER AIRBAG INDICATOR DRIVER CIRCUIT OPEN
3. PASSENGER AIRBAG ON/OFF INDICATOR LAMP (SWITCH BANK)
4. ORC

Diagnostic Test

- 1). VERIFY THAT DTC B1206 PASSENGER AIRBAG INDICATOR CIRCUIT OPEN IS ACTIVE

NOTE: Ensure the battery is fully charged.

NOTE: The scan tool, SRS Airbag Load Tool MRL 8443, and DVOM are required to perform the following test.

NOTE: When reconnecting Airbag system components, the ignition must be turned off and the battery must be disconnected.

Turn the ignition on.

With the scan tool, read ORC DTCs.

Does the scan tool display active: B1206-PASSENGER AIRBAG INDICATOR CIRCUIT OPEN?

Yes >> Go To 2

No >> Go To 6

- 2). VERIFY THAT SWITCH BANK CONNECTOR IS CONNECTED

Turn the ignition off.

Gain access to the Switch Bank connector.

Is the Switch Bank connected to the dash harness?

Yes >> Go To 3

No >> Connect the Switch Bank to the dash harness.

Perform ORC VERIFICATION TEST - VER 1.

Measure the voltage of the (G104) Passenger Airbag Indicator Driver circuit between the ORC Adaptor cavity 9 and

the Switch Bank connector cavity 4.
Is the voltage above 6.0 volts?

Yes >>

WARNING: To avoid personal injury or death, turn the ignition off, disconnect the battery and wait two minutes before proceeding.

WARNING: If the Occupant Restraint Controller (ORC) is dropped at any time, it must be replaced. Failure to take the proper precautions can result in accidental airbag deployment and personal injury or death. Replace the ORC in accordance with the service information.

Perform the ORC VERIFICATION TEST-VER 1.

No >> Go To 4

4). CHECK (G104) PASSENGER AIRBAG INDICATOR DRIVER CIRCUIT FOR AN OPEN

WARNING: If the Occupant Restraint Controller (ORC) is dropped at any time, it must be replaced. Failure to take the proper precautions can result in accidental airbag deployment and personal injury or death.

WARNING: To avoid personal injury or death, turn the ignition off, disconnect the battery and wait two minutes before proceeding.

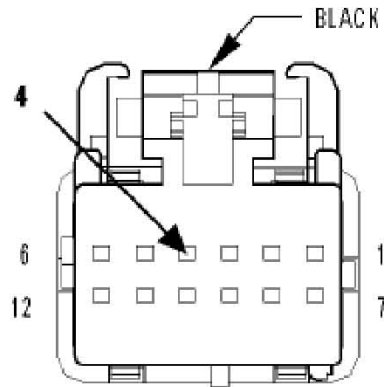
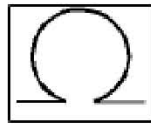
Measure the resistance of the (G104) Passenger Airbag Indicator Driver circuit between the ORC Adaptor cavity 9 and the Switch Bank connector cavity 4.

Is the resistance below 5.0 ohms?

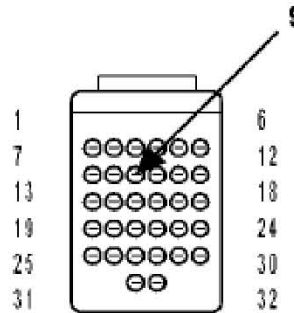
Yes >> Go To 5

No >> Repair the (G104) Passenger Airbag Indicator Driver circuit for an open.

Perform ORC VERIFICATION TEST - VER 1.



**SWITCH-
BANK**



**ORC ADAPTER
8443-24**

5). CHECK (F23) FUSED IGNITION SWITCH OUTPUT (RUN-START)
CIRCUIT VOLTAGE

WARNING: To avoid personal injury or death, turn the ignition on, then reconnect the battery.

Measure the voltage of the (F23) Fused Ignition Switch Output (Run-Start) circuit at the Switch Bank connector cavity 5.

Is the voltage above 6.0 volts?

Yes >> Replace the Switch Bank in accordance with the service information.

Perform ORC VERIFICATION TEST - VER 1.

No >> Repair the open (F23) Fused Ignition Switch Output (Run-Start) circuit.

Perform ORC VERIFICATION TEST - VER 1.

6). TEST FOR INTERMITTENT CONDITION

With the scan tool, record and erase all DTCs from all Airbag modules.

If any ACTIVE codes are present they must be resolved before diagnosing any stored codes.

WARNING: To avoid personal injury or death, turn the ignition off, disconnect the battery and wait two minutes before proceeding.

Using the wiring diagram/schematic as a guide, inspect the wiring and connectors.

Look for chaffed, pierced, pinched, or partially broken wires and broken, bent, pushed out, spread, corroded, or contaminated terminals.

The following additional checks may assist you in identifying a possible intermittent problem.

Reconnect any disconnected components and harness connector.

WARNING: To avoid personal injury or death, turn the ignition on, then reconnect the battery.

With the scan tool, monitor active codes as you work through the following steps.

WARNING: To avoid personal injury or death, maintain a safe distance from all airbags while performing the following steps.

Wiggle the wiring harness and connectors of the related airbag circuit or component.

If codes are related to the Driver Airbag circuits, rotate the steering wheel from stop to stop.

If only stored codes return, continue the test until the problem area has been isolated.

In the previous steps you have attempted to recreate the conditions responsible for setting the active DTC in question.

Does the scan tool display any ACTIVE DTCs?

Yes >> Select the appropriate diagnostic procedure from the Table of Contents in this section.

No >> No problem found at this time. Erase all codes before returning vehicle to customer.