

B1203 SRS WARNING INDICATOR CIRCUIT/PERFORMANCE

1). When Monitored:

With the ignition on, the Occupant Restraint Controller (ORC) monitors the CAN B bus for a message from the Instrument Cluster containing the airbag warning indicator status. The ORC requests the warning lamp status from the Instrument Cluster once every second.

2). Set Condition:

This DTC will set immediately if the indicator status is LOW or HIGH.

Possible Causes
1. INSTRUMENT CLUSTER ACTIVE DTCs
2. ORC

Diagnostic Test

1). CHECK FOR AN ACTIVE DTC

NOTE: Ensure the battery is fully charged.

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

Turn the ignition on, then off, and then on again.

With the scan tool, read ORC DTCs.

Select DTC type.

Active

Go To 2

Stored

Go To 4

2). CHECK FOR INSTRUMENT CLUSTER DTCs

With the scan tool, read Instrument Cluster DTCs.

Does the scan tool display any Instrument Cluster DTCs?

Yes >> Refer to the symptom list for problems related to the Instrument Cluster.

Perform the ORC VERIFICATION TEST-VER 1.

No >> Go To 3

3). REPLACE THE ORC

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.

View Repair

Repair

Replace the ORC in accordance with the service information.

Perform the ORC VERIFICATION TEST-VER 1.

4). 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.