

B2212 OCCUPANT CLASSIFICATION MODULE INTERNAL

1). When Monitored:

While the IGN status is RUN or SNA, while the CAN bus system voltage is between 10 and 16 volts, and during the OCS Verification Test.

2). Set Condition:

This DTC will set if the module detects an internal failure.

Possible Causes
1. OCCUPANT CLASSIFICATION MODULE

Diagnostic Test

1). PERFORM THE OCCUPANT CLASSIFICATION MODULE VERIFICATION TEST

NOTE: Ensure that the passenger seat is empty.

NOTE: Ensure that all seat and strain gauge sensor bolts are properly torqued.

With the scan tool, erase OCM DTCs.

Turn the ignition off, wait 10 seconds and turn ignition on.

With the scan tool, read OCM DTCs.

Did the DTC: B2212-OCCUPANT CLASSIFICATION MODULE INTERNAL reset?

Yes >> Go To 2

No >> Perform the OCS VERIFICATION TEST-VER 1.

2). PERFORM OCCUPANT CLASSIFICATION MODULE SYSTEM VERIFICATION TEST

Verify that the passenger seat is empty.

Verify that all of the Seat Weight Sensor mounting screws are torqued to specification. Refer to 23 - BODY/SEATS.

NOTE: Failure to follow the test instructions or aborting the test will cause faults to set when performing the Occupant Classification Module System Verification Test. To prevent faults due to process errors: Verify

That All Tests Steps That Led You Here Were Performed As Directed; Verify That The Ignition Is In Run; Wait 30 Seconds After Changing The Seat Weight Before Proceeding To Allow The System To Stabilize; Only Press Scan Tool Buttons When Directed To Do So; & Perform The

Occupant Classification Module System Verification Test To Completion.
With the scan tool in OCM, select More Options, select System Tests, and select Occupant Classification Module System Verification Test. Run the test by following the instructions displayed on the scan tool. When the test is complete, proceed as follows.
With the scan tool, read OCM DTCs.

Does the scan tool display any active DTCs?

Yes - B2212 is ACTIVE

Replace the Occupant Classification Module in accordance with the service information.

Yes - other DTCs ACTIVE

Diagnose and repair the DTCs. Refer to the Table of Contents in this Section for a complete list of symptoms.

No >> Perform OCS VERIFICATION TEST - VER 1.

LAUNCH