

# B2206 CURRENT VIN MISSING/MISMATCH

- 1). When Monitored:  
During power-up, the ORC and OCM monitors the CAN bus for the VIN message.
- 2). Set Condition:  
This DTC will set if the VIN information received from the PCM is different from the stored VIN.

Possible Causes
1. INCORRECT VIN PROGRAMMED INTO THE PCM
2. OCCUPANT CLASSIFICATION MODULE (OCM)
3. OCCUPANT RESTRAINT CONTROLLER (ORC)

## Diagnostic Test

- 1). CHECK FOR ACTIVE DTC  
**NOTE:** Troubleshoot any Ignition, Battery, Seat Weight Sensor, or OCM Internal DTCs BEFORE proceeding  
**NOTE:** Ensure that the battery is fully charged.  
With the scan tool, read DTCs.  
Select the module and DTC type.  
OCM-Active  
Go To 2  
OCM-Stored  
Erase code with scan tool, test complete.  
ORC-Active  
Go To 4  
ORC-Stored  
Erase code with scan tool, test complete.
- 2). CHECK THE VIN STORED IN THE PCM  
With the scan tool, compare the VIN that is stored in the PCM to the VIN of the vehicle's VIN plate.  
  
Does the VIN stored in the PCM match the vehicle's VIN?  
**Yes** >> Go To 3  
**No** >> Replace and Configure the Powertrain Control Module in accordance with the service information.  
Perform (NGC) POWERTRAIN VERIFICATION TEST VER - 5. Refer to (Refer to 9 - ENGINE – DIAGNOSIS AND TESTING).

### 3). 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 active: B2206-CURRENT VIN MISSING/MISMATCH?

**Yes** >> Replace the OCM in accordance with the Service Information.  
Perform OCS VERIFICATION TEST - VER 1.

**No** - But Other DTCs Present  
Diagnose and repair the DTCs. Refer to the Table of Contents in this Section for a complete list of symptoms.

**No** - No Active DTCs Present  
Perform OCS VERIFICATION TEST - VER 1.

### 4). CHECK THE VIN STORED IN THE PCM

With the scan tool, compare the VIN that is stored in the PCM to the VIN of the vehicle's VIN plate.

Does the VIN stored in the PCM match the vehicle's VIN?

**Yes** >> Go To 5

**No** >> Replace and Configure the Powertrain Control Module in accordance with the service information.  
Perform (NGC) POWERTRAIN VERIFICATION TEST VER - 5. Refer to (Refer to 9 - ENGINE – DIAGNOSIS AND TESTING).

5). REPLACE THE OCCUPANT RESTRAINT CONTROLLER

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

WARNING: If the airbag control module 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 Occupant Restraint Controller in accordance with the service information.

Perform the ORC VERIFICATION TEST-VER 1.

LAUNCH