

# B223B VEHICLE CONFIGURATION MISMATCH

- 1). When Monitored:  
With the ignition on.
- 2). Set Condition:  
The Front Control Module sends a message to the Occupant Restraint Controller (ORC) that the vehicle is not equipped with an Occupant Classification Module (OCM) but the ORC is receiving OCM messages over the Can B bus.

Possible Causes
1. INCORRECT PCM
2. OCCUPANT RESTRAINT CONTROLLER

## Diagnostic Test

- 1). VERIFY THAT DTC B223B-VEHICLE CONFIGURATION MISMATCH IS ACTIVE

Turn the ignition on.

With the scan tool, read ORC DTCs.

**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.

Does the scan tool display active: B223B-VEHICLE CONFIGURATION MISMATCH?

**Yes** >> Go To 2

**No** >> If the DTC is stored, check for an intermittent condition. Visually inspect the related wiring harness connectors.

Look for broken, bent, pushed out, or corroded terminals.

Perform the ORC VERIFICATION TEST-VER. 1

- 2). COMPARE STORED VINS IN THE PCM AND ORC

With the scan tool, read and record the VIN that is stored in the PCM.

With the scan tool, read and record the VIN that is stored in the ORC.

Do the VINs stored in the PCM and ORC match?

**Yes** >> Go To 3

**No** >> Replace and program the Powertrain Control Module in accordance with the Service Information.

Ensure the PCM is replaced with the correct VIN.

3). 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