

## DTC B1001

### Circuit Description

The BCM stores the last four digits of the SDM part number, information also called restraints ID. After the BCM is reprogrammed the restraints ID is set to zero. A restraints ID relearn is need to be performed for the BCM. For more information on this procedure refer to Body Control Module (BCM) Programming/RPO Configuration on page 10-75.

### DTC Descriptors

This diagnostic procedure supports the following DTC: B1001 Option Configuration Error This vehicle has DTCs which include DTC Symptoms. For more information on DTC Symptoms, refer to DTC Symptom Description on page 10-33 in Vehicle DTC Information.

Symptom	Symptom Descriptor
00	No additional information

### Conditions for Running the DTC

Battery voltage is between 9–16 volts and data link communications operate normally.

### Conditions for Setting the DTC

The restraints ID value stored in the BCM memory is zero.

### Conditions for Clearing the DTC

- a) A current DTC clears when the malfunction is no longer present.
- b) A history DTC clears when the module ignition cycle counter reaches the reset threshold, without a repeat of the malfunction.

**DTC B1001**

Step	Action	Yes	No
1	Did you perform the Diagnostic System Check -Vehicle?	Go to Step 2	Go to Diagnostic System Check -Vehicle on page 10-1 in Vehicle DTC Information
2	1. Install a scan tool. 2. Turn ON the ignition, with the engine OFF. 3. Perform the BCM Setup procedure. Refer to Body Control Module (BCM) Programming/RPO Configuration on page 10-75. 4. Cycle the ignition. 5. Retrieve DTCs from BCM. Is DTC retrieved as a current DTC?	Go to Step 3	Go to Step 4
3	<b>Important:</b> Perform the setup procedure for the BCM Replace the BCM. Refer to Body Control Module Replacement on page 10-73. Did you complete the replacement?	Go to Step 4	—
4	1. Use the scan tool in order to clear the DTCs. 2. Operate the vehicle within the Conditions for Running the DTC as specified in the supporting text. Does the DTC reset?	Go to Step 1	System OK