DTC B1000

Circuit Description

The internal fault detection is handled inside the control module. No external circuits are involved.

DTC Descriptors

This diagnostic procedure supports the following DTC: DTC B1000 Electronic Control Unit (ECU) Performance This vehicle has DTCs which include DTC Symptoms. For more information on DTC Symptoms, refer to DTC Symptom Description on page 10-33 in VehiclDTC Information.

Symptom	Symptom Descriptor
00	No additional information

Conditions for Running the DTC

The module runs the program to detect an internal fault when power up is commanded. The only requirements are voltage and ground. This program runs even if the voltage is out of the valid operating range.

Conditions for Setting the DTC

The module has detected an internal malfunction.

Action Taken When the DTC Sets

The module refuses all additional inputs.

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.

Diagnostic Aids

a) This DTC may be stored as a history DTC without affecting the operation of the module. If stored only as a history DTC and not retrieved as a current DTC, do not replace the module.
b) If this DTC is retrieved as both a current and history DTC, replace the module.

DTC B1000

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. Retrieve DTCs. Is DTC retrieved as a current DTC?	Go to Step 3	Go to Diagnostic Aids
3	**Important: Perform the setup procedure for the module if required. Replace the module. Refer to Control Module References on page 10-69.** **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 2	System OK