

## Diagnostic System Check - Theft Deterrent

### Diagnostic Aids

You must diagnose the diagnostic trouble codes (DTCs) in the order specified in the DTC list. Failure to do so may result in the following conditions:

- Extended diagnostic time
- Incorrect diagnosis
- Incorrect parts replacement

If the BCM, the Passlock™ sensor, or the PCM have been replaced, perform the learn procedure before following the diagnostic system check.

Refer to the instrument panel section for additional information on the message center display. Vehicles equipped with a content theft deterrent system use the message center in order to provide an indication similar to that of the vehicle theft deterrent system. Carefully follow the steps within the Theft Deterrent Diagnostic System Check.

### Test Description

The numbers below refer to the step numbers on the diagnostic table.

- Lack of communication may be due to a partial malfunction of the class 2 serial data circuit or due to a total malfunction of the class 2 serial data circuit. The specified procedure will determine the particular condition.
- Tests for an open in the passlock sensor signal circuit which may not set a DTC (B2958) under certain conditions.
- The presence of DTCs which begin with "U" indicate some other module is not communicating. The specified procedure will compile all the available information before tests are performed.

Step	Action	Value (s)	Yes	No
1	Install a scan tool. Does the scan tool power up?	--	Go to <a href="#">Step 2</a>	Go to <a href="#">Scan Tool Does Not Power Up</a> in Data Link Communications
2	1. Turn ON the ignition, with the engine OFF. 2. Attempt to establish communication with the Body Control Module (BCM) and the Instrument Panel Cluster (IPC).	--		

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	Does the scan tool communicate with the BCM and the IPC?		Go to <a href="#">Step 3</a>	Go to <a href="#">Scan Tool Does Not Communicate with Class 2 Device</a> in Data Link Communications
3	Select the Body Control Module display DTCs function on the scan tool.  Does the scan tool display any DTCs?	--	Go to <a href="#">Step 5</a>	Go to <a href="#">Step 4</a>
4	<ol style="list-style-type: none"> <li>1. Momentarily rotate the ignition switch to CRANK (do not start the vehicle).</li> <li>2. Release the ignition switch to ON.</li> <li>3. With a scan tool, observe the Passlock Code in the Body Control Module Security Data list.</li> </ol> Does the scan tool display OPEN?	--	Go to <a href="#">DTC B2958 Security System Sensor Data Circuit High</a>	Go to <a href="#">Symptoms</a>
5	Does the scan tool display any DTCs which begin with a "U"?	--	Go to <a href="#">DTC U1000 and DTC U1255 Class 2 Communication Malfunction</a> in Data Link Communications	Go to <a href="#">Step 6</a>
6	Does the scan tool display DTC [B2947, B2948, B2957, B2958, B2960, B2973, B3031, or B3033]?	--	Go to <a href="#">Diagnostic Trouble Code (DTC) List/Type</a>	Go to <a href="#">Diagnostic Trouble Code (DTC) List/Type</a> in Body Control System