

## Diagnostic System Check - Cruise Control

### Test Description

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

2. Lack of communication may be due to a partial or total malfunction of the class 2 serial data circuit. The specified procedure will determine the particular condition.
5. The presence of DTCs which begin with "U" indicate some other module is not communicating on the class 2 serial data circuit. The specified procedure will compile all the available information before tests are performed.

Step	Action	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	<ol style="list-style-type: none"> <li>1. Turn the ignition ON, with the engine OFF.</li> <li>2. Attempt to establish communication with the following modules: <ul style="list-style-type: none"> <li>• Electronic Brake Control Module (EBCM)</li> <li>• Powertrain Control Module (PCM)</li> </ul> </li> </ol> Does the scan tool communicate with the modules listed above?	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	<p><b>Important:</b> The engine may start during the following step. Turn the engine OFF as soon as you have observed the Crank power mode.</p> <ol style="list-style-type: none"> <li>1. Access the Class 2 Power Mode in the Diagnostic Circuit Check on the scan tool.</li> <li>2. Rotate the ignition switch through all positions while observing the System Power Mode parameter.</li> </ol> Does the System Power Mode parameter reading match the ignition switch position for all switch positions?	Go to <a href="#">Step 4</a>	Go to <a href="#">Power Mode Mismatch</a> in Body Control System
	Select the DTCs function on the		

4	<p>scan tool for the following modules:</p> <ul style="list-style-type: none"> <li>• EBCM</li> <li>• PCM</li> </ul> <p>Does the scan tool display any DTCs for the modules listed above?</p>	Go to <a href="#">Step 5</a>	Go to <a href="#">Symptoms - Cruise Control</a>
5	Does the scan tool display any DTCs which begin with a "U"?	Go to <a href="#">Scan Tool Does Not Communicate with Class 2 Device</a> in Data Link Communications	Go to <a href="#">Step 6</a>
6	Does the scan tool display DTC P0562, P0563, P0621, or P0622?	Go to <a href="#">Diagnostic Trouble Code (DTC) List</a> in Engine Electrical	Go to <a href="#">Diagnostic Trouble Code (DTC) List</a>