

2000 Dodge or Ram Truck Dakota 4WD V8-5.9L VIN Z LDC

Vehicle > ALL Diagnostic Trouble Codes (DTC) > Testing and Inspection > P Code Charts

TEST	ACTION	APPLICABILITY
4	<p>With the DRB read PCM Diagnostic Trouble Codes. This is to ensure power and grounds to the PCM are operational.</p> <p>Note: If the DRB will not read PCM DTC's, follow the "NO RESPONSE TO PCM (SCI only)" symptom path, if vehicle will start. For NO START Conditions follow symptom "NO RESPONSE" in Starting category .</p> <p>Turn ignition off. Disconnect the Powertrain Control Module. Connect the DRBIII to the Data Link connector Use Scope input cable CH7058, Cable to Probe adapter CH7062, and the red and black test probes. Connect the scope input cable to the channel one connector on the DRB. Attach the red and black leads and the cable to probe adapter to the scope input cable. Select DRB Standalone. Select lab scope. Select Live. Select 12 volt square wave. Press F2 for Scope. Press F2 and use the down arrow to set voltage range to 20 volts. Press F2 again when complete. Connect the Black lead to the PCM ground. Connect the Red lead to the PCM PCI Bus circuit Turn the ignition on. Observe the the voltage displayed on the DRB Lab Scope. What is the voltage displayed on the scope?</p> <p style="padding-left: 40px;">Pulse from 0 to approximately 7.5 volts Go To 5</p> <p style="padding-left: 40px;">Steady 0 volts Repair the open CCD Bus circuit to PCM. Perform the Powertrain Verification Test - Ver 1.</p>	All
5	<p>The Powertrain Control Module has an internal open CCD Bus and must be replaced. View repair options.</p> <p style="padding-left: 40px;">Repair Replace the Powertrain Control Module. Perform the Powertrain Verification Test - Ver 1.</p>	All
6	<p>Turn ignition off.</p> <p>Note: Visually inspect the related wiring harness. Look for any chafed, pierced, pinched, or partially broken wires.</p> <p>Note: Visually inspect the related wire harness connectors. Look for broken, bent, pushed out, or corroded terminals.</p> <p>Note: Refer to any Technical Service Bulletins (TSB) that may apply.</p> <p>Were any problems found?</p> <p style="padding-left: 40px;">Yes → Repair wiring harness/connectors as necessary. Perform the Powertrain Verification Test - Ver 1.</p> <p style="padding-left: 40px;">No → Test Complete.</p>	All