

P2764 Torque Converter Clutch (TCC) Circuit Low

Wiring Diagram

Refer to "DTC P2763 Torque Converter Clutch (TCC) Circuit High: ".

DTC Detecting Condition and Trouble Area

DTC Detecting Condition	Trouble Area
Voltage of TCC pressure control solenoid valve TCM terminal is low although TCM is commanding TCC pressure control solenoid to turn ON. (1 driving cycle detection logic)	<ul style="list-style-type: none">• TCC pressure control solenoid valve circuit open or shorted to ground.• Malfunction of TCC pressure control solenoid valve•TCM

DTC Confirmation Procedure

- **When performing a road test, select a place where there is no traffic or possibility of a traffic accident and be very careful during testing to avoid occurrence of an accident.**
- **Road test should be carried out with 2 persons, a driver and tester, on a level road.**
 - 1) Connect scan tool to DLC with ignition switch OFF.
 - 2) Clear DTCs in TCM and ECM memories by using scan tool.
 - 3) Start engine.
 - 4) Keep engine running at idle speed in "P" range for 20 seconds or more.
 - 5) Check DTC, pending DTC and freeze-frame data.

DTC Troubleshooting

Step	Action	Yes	No
1	Was "A/T System Check" performed?	Go to Step 2.	Go to "A/T System Check".
2	<p>Check TCC pressure control solenoid valve circuit for ground short</p> <p>1) Disconnect TCM connectors. 2) Check for proper connection to TCM at terminals "E92-3" and "E92-5". 3) If connection is OK, check continuity between terminal "E92-5" of disconnected harness side TCM connector and ground. Is continuity indicated?</p>	TCC pressure control solenoid valve circuit is shorted to ground. If circuit is OK, go to Step 4.	Go to Step 4.
3	<p>Check TCC pressure control solenoid valve circuit for open</p> <p>1) Check resistance between terminal "E92-3" and "E92-5" of disconnected harness side TCM connector. Is it infinity?</p>	TCC pressure control solenoid valve circuit is open. If circuit is OK, go to Step 4.	Go to Step 4.
4	<p>Inspection TCC pressure control solenoid valve</p> <p>1) Inspection TCC pressure control solenoid valve referring to "Solenoid Valves (Shift Solenoid-A, Shift Solenoid-B, TCC Pressure Control Solenoid and Pressure Control Solenoid Inspection: ". Is check results satisfactory?</p>	Intermittent trouble or faulty TCM. Check for intermittent trouble referring to "Intermittent and Poor Connection Inspection: in Section 00". If OK, substitute a known-good TCM and recheck.	Replace TCC pressure control solenoid valve referring to "Solenoid Valves (Shift Solenoid-A, Shift Solenoid-B, TCC Pressure Control Solenoid and Pressure Control Solenoid Removal and Installation: ".