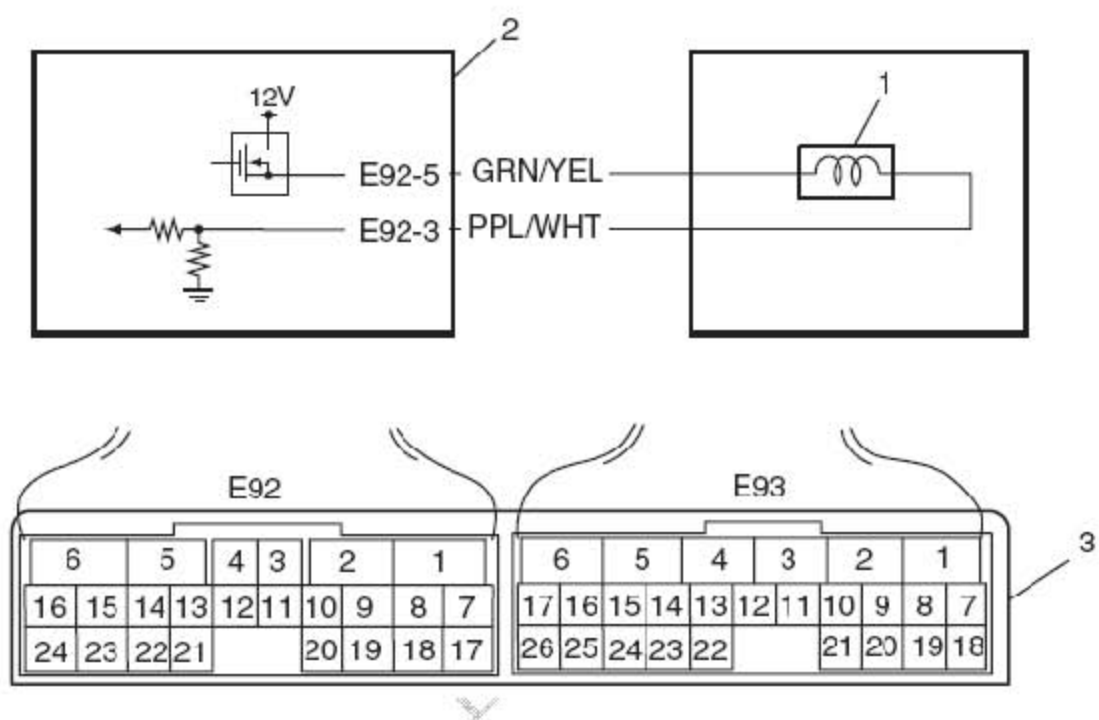


P2763 Torque Converter Clutch (TCC) Circuit High

Wiring Diagram



1. TCC pressure control solenoid valve	3. Terminal arrangement of TCM connector (viewed from harness side)
2. TCM	

DTC Detecting Condition and Trouble Area

DTC Detecting Condition	Trouble Area
Voltage of TCC pressure control solenoid valve TCM terminal is high although TCM is commanding TCC pressure control solenoid to turn OFF. (1 driving cycle detection logic)	<ul style="list-style-type: none"> TCC pressure control solenoid valve circuit shorted to power circuit.
	<ul style="list-style-type: none"> 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 10 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 power supply short</p> <p>1) Disconnect TCM connectors.</p> <p>2) Check for proper connection to TCM at terminal "E92-3" and "E92-5".</p> <p>3) If connection is OK, turn ignition switch ON and measure voltage between terminal "E92-3" of disconnected harness side TCM connector and ground.</p> <p>Is it 0 – 2 V?</p>	Go to Step 3.	TCC pressure control solenoid valve circuit is shorted to power supply circuit. If circuit is OK, go to Step 3.
3	<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: ".</p> <p>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 "Transmission Fluid Temperature Sensor Removal and Installation: ".

DTC Confirmation Procedure

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DTC Troubleshooting

Step	Action	Yes	No
1	Was "A/T System Check" performed?	Go to Step 2.	Go to "A/T System Check".
2	Check TCC pressure control solenoid valve circuit for power supply short 1) Disconnect TCM connectors. 2) Check for proper connection to TCM at terminal "E92-3" and "E92-5". 3) If connection is OK, turn ignition switch ON and measure voltage between terminal "E92-3" of disconnected harness side TCM connector and ground. Is it 0 – 2 V?	Go to Step 3.	TCC pressure control solenoid valve circuit is shorted to power supply circuit. If circuit is OK, go to Step 3.
3	Inspection TCC pressure control solenoid valve 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?	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 "Transmission Fluid Temperature Sensor Removal and Installation: ".