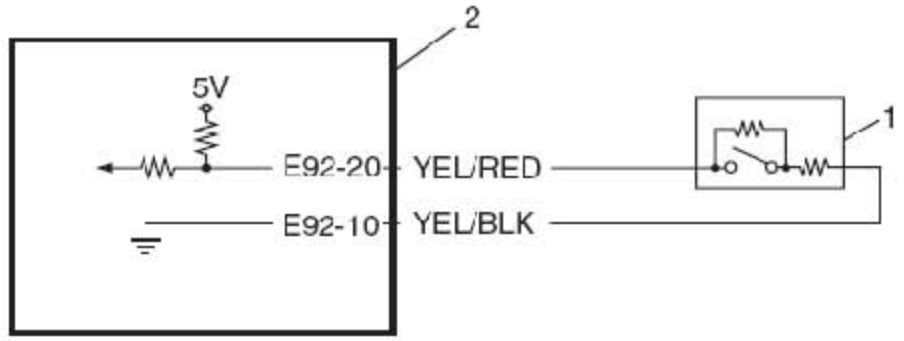
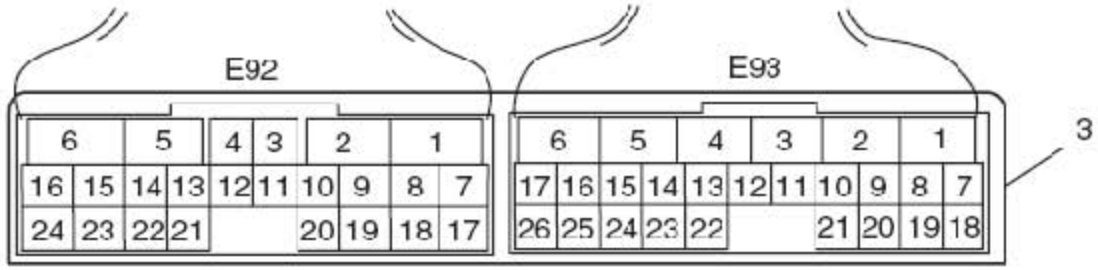
P1723 Range Select Switch Malfunction

Wiring Diagram





1. "3" position switch	3. Terminal arrangement of TCM connector (viewed from harness side)
2. TCM	

DTC Detecting Condition and Trouble Area

DTC Detecting Condition	Trouble Area
"3" position switch signal is inputted out of specified value. (1 driving cycle detection logic)	• "3" position switch or its circuit malfunction •TCM

DTC Confirmation Procedure

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 and run it for 20 sec. or more.

4) 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	**Check "3" position switch circuit** 1) Disconnect TCM connector with ignition switch OFF. 2) Check for proper connection to "3" position switch at "E92-10" and "E92-20" terminals. 3) If OK, check resistance of switch circuit between terminals "E92-10" and "E92-20" of disconnected harness side TCM connector. **"3" position switch circuit Shift selector lever to "P", "N" or "D" range: 3.96 – 4.04 k** **Shift selector lever to "R", "3", "2" or "L" range: 0.99 – 1.01 k** Is result as specified?	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.	Go to Step 3.
3	**Check "3" position switch** Check "3" position switch referring to ""3" Position Switch Inspection: ". Is result as specified?	Replace "3" position switch.	"3" position switch circuit is malfunction.