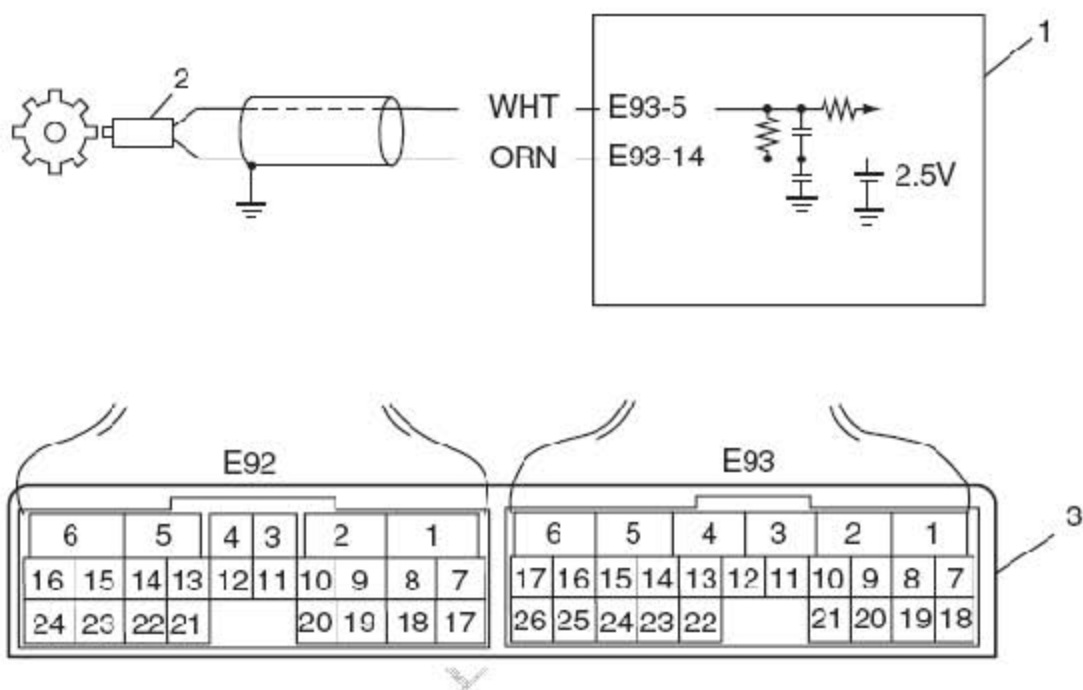


P0722 Output Speed Sensor Circuit No Signal

Wiring Diagram



1. TCM	3. Terminal arrangement of TCM connector (viewed from harness side)
2. Output shaft speed sensor	

DTC Detecting Condition and Trouble Area

DTC Detecting Condition	Trouble Area
No pulse signal of output shaft speed sensor is inputted for 23 pulses period of input shaft speed sensor. (1 driving cycle detection logic)	<ul style="list-style-type: none"> • Output shaft speed sensor or its circuit malfunction. • Improper output shaft speed sensor installation. • Damaged sensor rotor. • Foreign material attachment to sensor or rotor. • 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 shift select lever to "D" range.
- 4) Start vehicle and increase vehicle speed to about 40 km/h (25 mile/h) for 3 minutes or more.
- 5) Stop vehicle.
- 6) Check DTC, pending DTC and freeze-frame data.

Step	Action	Yes	No
1	Was "A/T System Check" performed?	Go to Step 2.	Go to "A/T System Check".
2	<p>Check input shaft speed sensor circuit</p> <p>1) Disconnect TCM connectors with ignition switch OFF.</p> <p>2) Check for proper connection to input shaft speed sensor at "E93-5" and "E93-14" terminals.</p> <p>3) If OK, check resistance of sensor circuit.</p> <p>Resistance of input shaft speed sensor circuit Between terminals "E93-5" and "E93-14" of disconnected harness side TCM connector: 560 – 680 Ω at 20 °C (68 °F) Between terminals "E93-14" of disconnected harness side TCM connector and ground: No continuity</p> <p>Are check results satisfactory?</p>	Go to Step 4.	Go to Step 3.
3	<p>Inspection output shaft speed sensor</p> <p>Inspect input shaft speed sensor referring to "Output Shaft Speed Sensor Inspection".</p> <p>Is check result satisfactory?</p>	Output shaft speed sensor circuit is malfunction.	Go to Step 4.