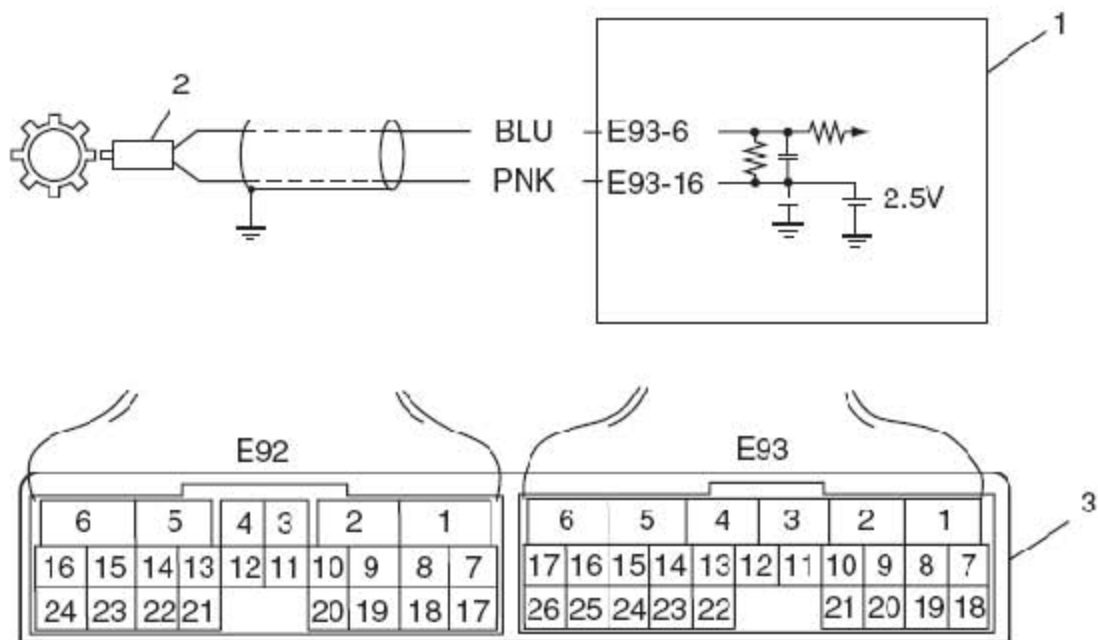


P0717 Input / Turbine Speed Sensor Circuit No Signal

Wiring Diagram



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

DTC Detecting Condition and Trouble Area

DTC Detecting Condition	Trouble Area
No pulse signal of input shaft speed sensor is inputted for 5 pulses period of output shaft speed sensor through it is detected more than 600 rpm. (1 driving cycle detection logic)	<ul style="list-style-type: none"> • Input shaft speed sensor or its circuit malfunction. • Improper input shaft speed sensor installation. • Damaged clutch drum. • Foreign material attachment to sensor or drum. • 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.

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 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 "E93-6" and "E93-16" terminals.</p> <p>3) If OK, check resistance of sensor circuit.</p> <p>Resistance of input shaft speed sensor circuit Between terminals "E93-6" and "E93-16" of disconnected harness side TCM connector: 560 – 680 Ω at 20 °C (68 °F) Between terminals "E93-16" 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 input shaft speed sensor</p> <p>Inspect input shaft speed sensor referring to "Input Shaft Speed Sensor Inspection".</p> <p>Is check result satisfactory?</p>	Input shaft speed sensor circuit is malfunction.	Go to Step 4.

Step	Action	Yes	No
4	Check visually input shaft speed sensor and clutch drum using mirror for following • No damage • No foreign material attached • Correct installation I2RH01510023-01 Are they in good condition?	Intermittent trouble. Check for intermittent trouble referring to "Intermittent and Poor Connection Inspection: in Section 00".	Clean, repair or replace.

LAUNCH