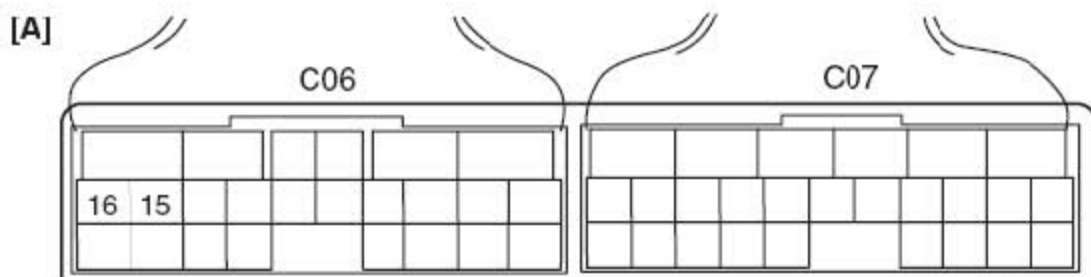
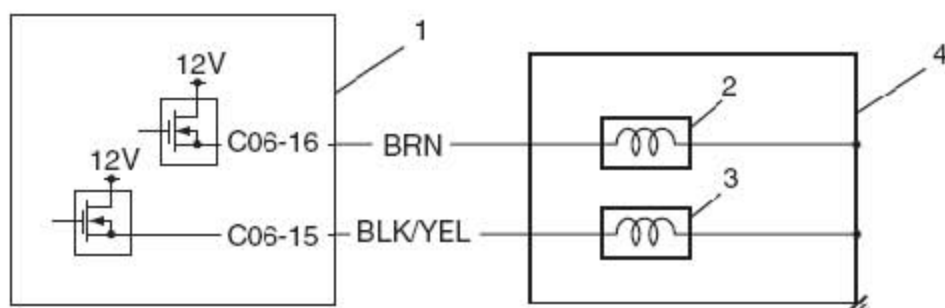


P0973 / P0976: Shift Solenoid-A (No.1) Control Circuit Low / Shift Solenoid-B (No.2) Control Circuit Low

Wiring Diagram



1. TCM	3. Shift solenoid valve-B (No.2)
2. Shift solenoid valve-A (No.1)	[A]: Terminal arrangement of TCM connector (Viewed from harness side)

DTC Confirmation Procedure

- 1) Connect scan tool to DLC with ignition switch OFF, if available.
- 2) Clear DTC in TCM memory.
- 3) Start engine shift select lever to "D" range.
- 4) Start vehicle and increase vehicle speed until gear position reaches 3rd or 4th gear.
- 5) Decrease vehicle speed and stop vehicle.

6) Check DTC.

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 shift solenoid valve resistance</p> <p>1) Turn ignition switch OFF.</p> <p>2) Disconnect valve body harness connector (1), (2) on automatic transmission.</p> <p>3) Check for proper connection to solenoid at "BRN" (for shift solenoid valve-A (No.1)) or "BLK/YEL" (for shift solenoid valve-B (No.2)) circuit. Check resistance of solenoid valve.</p> <p>Shift solenoid valve resistance</p> <p>Between shift solenoid valve-A (No.1) terminal (3) and transaxle: 11 – 15 Ω at 20 °C (68 °F)</p> <p>Between shift solenoid valve-B (No.2) terminal (4) and transaxle: 11 – 15 Ω at 20 °C (68 °F)</p> <p><i>Is check results satisfactory?</i></p>	Go to Step 3.	Replace applicable shift solenoid valve or valve body harness.

Step	Action	Yes	No
3	<p>Check shift solenoid valve circuit for ground short</p> <p>1) Disconnect TCM connectors. 2) Check for proper connection to TCM at terminals "C06-16" (for shift solenoid valve-A (No.1)) or "C06-15" (for shift solenoid valve-B (No.2)). 3) If connection is OK, check continuity between terminal "C06-16" (for shift solenoid valve-A (No.1)) or "C06-15" (for shift solenoid valve-B (No.2)) of disconnected harness side TCM connector and ground.</p> <p>Is continuity indicated?</p>	<p>DTC P0973: "BRN" circuit shorted to ground.</p> <p>DTC P0976: "BLK/YEL" circuit shorted to ground.</p>	<p>Intermittent trouble or faulty TCM. Check for intermittent referring to "Intermittent and Poor Connection Inspection in Section 00". If OK, substitute a known-good TCM and recheck.</p>

LAUNCH