

# P0963 Pressure Control Solenoid “A” Control Circuit High

## Wiring Diagram

Refer to "DTC P0962 Pressure Control Solenoid "A" Control Circuit Low: ".

## DTC Detecting Condition and Trouble Area

DTC Detecting Condition	Trouble Area
Pressure control solenoid valve output voltage is too high comparing with TCM command value. (1 driving cycle detection logic)	<ul style="list-style-type: none"><li>• Pressure control solenoid valve circuit shorted to power circuit.</li><li>• Pressure control solenoid valve malfunction.</li><li>• TCM</li></ul>

## 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.
- 4) Keep engine running at idle speed 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><b>Check pressure control solenoid valve circuit for power supply short</b></p> <p>1) Disconnect TCM connectors. 2) Check for proper connection to TCM at terminal "E92-2" and "E92-4". 3) If connection is OK, turn ignition switch ON and measure voltage between terminal "E92-2" of disconnected harness side TCM connector and ground. Is it 0 – 2 V?</p>	Go to Step 3.	Pressure control solenoid valve circuit is shorted to power circuit.
3	<p><b>Inspection pressure control solenoid valve</b></p> <p>1) Inspection 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?</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 defective pressure control solenoid valve referring to "Solenoid Valves (Shift Solenoid-A, Shift Solenoid-B, TCC Pressure Control Solenoid and Pressure Control Solenoid Removal and Installation: ".