

# DIAGNOSTIC TROUBLE CODE CHART

## HINT:

- As for the vehicle for Central America, refer to Repair Manual of 2002 LEXUS LS430 (Pub. No. RM874U1).
- If a DTC is displayed during the DTC check, check the circuit listed in the table below and proceed to the page given.

\* : ●...MIL light up

DTC No. (See Page)	Detection Item	Trouble Area	MIL*	Memory
P0500 (DI-258)	Vehicle Speed Sensor "A"	<ul style="list-style-type: none"> <li>Open or short in vehicle speed sensor (SP2) circuit</li> <li>Speed sensor (SP2)</li> <li>ECM</li> <li>Automatic transmission assembly</li> </ul>	●	○
P0705 (DI-261)	Transmission Range Sensor Circuit Malfunction (PRNDL Input)	<ul style="list-style-type: none"> <li>Short in park/neutral position switch circuit</li> <li>Park/neutral position switch</li> <li>ECM</li> </ul>	●	○
P0710 (DI-265)	Transmission Fluid Temperature Sensor "A" Circuit	<ul style="list-style-type: none"> <li>Open or short in ATF temperature sensor circuit</li> <li>ATF temperature sensor</li> <li>ECM</li> </ul>	●	○
P0711 (DI-268)	Transmission Fluid Temperature Sensor "A" Performance		●	○
P0712 (DI-265)	Transmission Fluid Temperature Sensor "A" Circuit Low Input		●	○
P0713 (DI-265)	Transmission Fluid Temperature Sensor "A" Circuit High Input		●	○
P0717 (DI-270)	Input Speed Sensor Circuit No Signal	<ul style="list-style-type: none"> <li>Open or short in speed sensor (NC0) circuit</li> <li>Speed sensor (NC0)</li> <li>ECM</li> <li>Automatic transmission assembly</li> </ul>	●	○
P0724 (DI-273)	Brake Switch "B" Circuit High	<ul style="list-style-type: none"> <li>Open or short in stop light switch signal circuit</li> <li>Stop light switch</li> <li>ECM</li> </ul>	●	○
P0751 (DI-274)	Shift Solenoid "A" Performance (Shift Solenoid Valve S1)	<ul style="list-style-type: none"> <li>Shift solenoid valve No. 1 is stuck open or closed</li> <li>Valve body is blocked up or stuck</li> <li>Automatic transmission assembly</li> </ul>	●	○
P0756 (DI-274)	Shift Solenoid "B" Performance (Shift Solenoid Valve S2)	<ul style="list-style-type: none"> <li>Shift solenoid valve No. 2 is stuck open or closed</li> <li>Valve body is blocked up or stuck</li> <li>Automatic transmission assembly</li> </ul>	●	○
P0761 (DI-274)	Shift Solenoid "C" Performance (Shift Solenoid Valve S3)	<ul style="list-style-type: none"> <li>Shift solenoid valve No. 3 is stuck open or closed</li> <li>Valve body is blocked up or stuck</li> <li>Automatic transmission assembly</li> </ul>	●	○
P0973 (DI-277)	Shift Solenoid "A" Control Circuit Low (Shift Solenoid Valve S1)	<ul style="list-style-type: none"> <li>Open or short in shift solenoid valve No. 1 circuit</li> <li>Shift solenoid valve No. 1</li> <li>ECM</li> </ul>	●	○
P0974 (DI-277)	Shift Solenoid "A" Control Circuit High (Shift Solenoid Valve S1)		●	○
P0976 (DI-277)	Shift Solenoid "B" Control Circuit Low (Shift Solenoid Valve S2)	<ul style="list-style-type: none"> <li>Open or short in shift solenoid valve No. 2 circuit</li> <li>Shift solenoid valve No. 2</li> <li>ECM</li> </ul>	●	○
P0977 (DI-277)	Shift Solenoid "B" Control Circuit High (Shift Solenoid Valve S2)		●	○
P0979 (DI-277)	Shift Solenoid "C" Control Circuit Low (Shift Solenoid Valve S3)	<ul style="list-style-type: none"> <li>Open or short in shift solenoid valve No. 3 circuit</li> <li>Shift solenoid valve No. 3</li> <li>ECM</li> </ul>	●	○
P0980 (DI-277)	Shift Solenoid "C" Control Circuit High (Shift Solenoid Valve S3)		●	○

## DIAGNOSTICS – AUTOMATIC TRANSMISSION

P0982 (DI-283)	Shift Solenoid "D" Control Circuit Low (Shift Solenoid Valve S4)	<ul style="list-style-type: none"> <li>• Open or short in shift solenoid valve No. 4 circuit</li> <li>• Shift solenoid valve No. 4</li> <li>• ECM</li> </ul>	●	○
P0983 (DI-283)	Shift Solenoid "D" Control Circuit High (Shift Solenoid Valve S4)		●	○
P2716 (DI-286)	Pressure Control Solenoid "D" Electrical (Shift Solenoid Valve SLT)	<ul style="list-style-type: none"> <li>• Open or short in shift solenoid valve SLT circuit</li> <li>• Shift solenoid valve SLT</li> <li>• ECM</li> </ul>	●	○
P2725 (DI-290)	Pressure Control Solenoid "E" Electrical (Shift Solenoid Valve SLN)	<ul style="list-style-type: none"> <li>• Open or short in shift solenoid valve SLN circuit</li> <li>• Shift solenoid valve SLN</li> <li>• ECM</li> </ul>	●	○
P2757 (DI-294)	Torque Converter Clutch Pressure Control Solenoid Performance (Shift Solenoid Valve SLU)	<ul style="list-style-type: none"> <li>• Shift solenoid valve SLU is stuck open or closed</li> <li>• Valve body is blocked up or stuck</li> <li>• Lock-up clutch</li> <li>• Automatic transmission assembly</li> </ul>	●	○
P2759 (DI-296)	Torque Converter Clutch Pressure Control Solenoid Control Circuit Electrical (Shift Solenoid Valve SLU)	<ul style="list-style-type: none"> <li>• Open or short in shift solenoid valve SLU circuit</li> <li>• Shift solenoid valve SLU</li> <li>• ECM</li> </ul>	●	○

**HINT:**

This DTC may be output when the clutch, brake and gear components etc. inside the automatic transmission are damaged.