

## DIAGNOSTIC TROUBLE CODE CHART

If a DTC is displayed during the DTC check, check the circuit listed in the table below and proceed to the page given.

### Euro OBD:

DTC No. (See Page)	Detection Item	Trouble Area	*1CHK ENG	*2Memory
P0500 (DI-195)	Vehicle Speed Sensor Malfunction	<ul style="list-style-type: none"> <li>• Open or short in vehicle speed sensor circuit</li> <li>• Vehicle speed sensor</li> <li>• Engine and ECT ECU</li> <li>• Automatic transmission assembly</li> </ul>	●	○
P0710 (DI-199)	Transmission Fluid Temperature Sensor Circuit Malfunction (ATF Temperature Sensor)	<ul style="list-style-type: none"> <li>• Open or short in ATF temperature sensor circuit</li> <li>• ATF temperature sensor circuit</li> <li>• Engine and ECT ECU</li> </ul>	●	○
P0711 (DI-201)	Transmission Fluid Temperature Sensor Circuit Range/Performance problem	ATF temperature sensor	●	○
P0715 (DI-202)	Input/Turbine Speed Sensor Circuit Malfunction (O/D Direct Clutch Speed Sensor)	<ul style="list-style-type: none"> <li>• Open or short in O/D direct clutch speed sensor circuit</li> <li>• O/D direct clutch speed sensor</li> <li>• Engine and ECT ECU</li> <li>• Automatic transmission assembly</li> </ul>	●	○
P0750 (DI-205)	Shift Solenoid "A" Malfunction (No. 1 Solenoid Valve)	<ul style="list-style-type: none"> <li>• No. 1 solenoid valve is stuck open or closed</li> <li>• Valve body is blocked up or stuck</li> <li>• Automatic transmission assembly</li> </ul>	●	○
P0753 (DI-208)	Shift Solenoid "A" Electrical Malfunction (No. 1 Solenoid Valve)	<ul style="list-style-type: none"> <li>• Open or short in No. 1 solenoid valve circuit</li> <li>• No. 1 solenoid valve</li> <li>• Engine and ECT ECU</li> </ul>	●	○
P0755 (DI-205)	Shift Solenoid "B" Malfunction (No. 2 Solenoid Valve)	<ul style="list-style-type: none"> <li>• No. 2 solenoid valve is stuck open or closed</li> <li>• Valve body is blocked up or stuck</li> <li>• Automatic transmission assembly</li> </ul>	●	○
P0758 (DI-208)	Shift Solenoid "B" Electrical Malfunction (No. 2 Solenoid Valve)	<ul style="list-style-type: none"> <li>• Open or short in No. 2 solenoid valve circuit</li> <li>• No. 2 solenoid valve</li> <li>• Engine and ECT ECU</li> </ul>	●	○
P0760 (DI-205)	Shift Solenoid "C" Malfunction (No. 3 Solenoid Valve)	<ul style="list-style-type: none"> <li>• No. 3 solenoid valve is stuck open or closed</li> <li>• Valve body is blocked up or stuck</li> <li>• Automatic transmission assembly</li> </ul>	●	○
P0763 (DI-208)	Shift Solenoid "C" Electrical Malfunction (No. 3 Solenoid Valve)	<ul style="list-style-type: none"> <li>• Open or short in No. 3 solenoid valve circuit</li> <li>• No. 3 solenoid valve</li> <li>• Engine and ECT ECU</li> </ul>	●	○
P0768 (DI-213)	Shift Solenoid "D" Electrical Malfunction (No. 4 Solenoid Valve)	<ul style="list-style-type: none"> <li>• Open or short in No. 4 solenoid valve circuit</li> <li>• No. 4 solenoid valve</li> <li>• Engine and ECT ECU</li> </ul>	●	○
P0770 (DI-216)	Shift Solenoid "E" Malfunction (SLU Solenoid Valve)	<ul style="list-style-type: none"> <li>• SLU solenoid valve 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> <li>• Torque converter</li> </ul>	●	○
P1520 (DI-218)	Stop Light Switch Signal Malfunction	<ul style="list-style-type: none"> <li>• Short stop light switch signal circuit</li> <li>• Stop light switch</li> <li>• Engine and ECT ECU</li> </ul>	●	○
P1755 (DI-219)	Linear Solenoid for Lock-up Control Circuit Malfunction (SLU Solenoid Valve)	<ul style="list-style-type: none"> <li>• Open or short in SLU solenoid valve circuit</li> <li>• SLU solenoid valve</li> <li>• Engine and ECT ECU</li> <li>• Automatic transmission assembly</li> </ul>	●	○

## DIAGNOSTICS - AUTOMATIC TRANSMISSION (A650E)

P1760 (DI-223)	Linear Solenoid for Line Pressure Control Circuit Malfunction (SLT Solenoid Valve)	<ul style="list-style-type: none"> <li>• Open or short in SLT solenoid valve circuit</li> <li>• SLT solenoid valve</li> <li>• Engine and ECT ECU</li> </ul>	●	○
P1765 (DI-223)	Linear Solenoid for Accumulator Pressure Control Circuit Malfunction (SLN Solenoid Valve)	<ul style="list-style-type: none"> <li>• Open or short in SLN solenoid valve circuit</li> <li>• SLN solenoid valve</li> <li>• Engine and ECT ECU</li> </ul>	●	○
P1780 (DI-231)	Neutral Start Switch Malfunction	<ul style="list-style-type: none"> <li>• Short in neutral start switch circuit</li> <li>• Neutral start switch</li> <li>• Engine and ECT ECU</li> </ul>	●	○

\*1: ● mark means check engine warning light (CHK(ENG)) blinks once every 2 seconds.

\*2: ○ mark means Engine and ECT ECU memorizes the malfunction code if the Engine and ECT ECU detects the DTC detection condition.

HINT:

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

### M-OBD (Except European spec.):

DTC No. (See Page)	Detection Item	Trouble Area	*CHK ENG	*2Memory
P0500/42 (DI-195)	Vehicle Speed Sensor Malfunction	<ul style="list-style-type: none"> <li>• Open or short in vehicle speed sensor circuit</li> <li>• Vehicle speed sensor</li> <li>• Engine and ECT ECU</li> <li>• Automatic Transmission Assembly</li> </ul>	●	○
P0710/38 (DI-199)	Transmission Fluid Temperature Sensor Circuit Malfunction (ATF Temperature Sensor)	<ul style="list-style-type: none"> <li>• Open or short in ATF temperature sensor circuit</li> <li>• ATF temperature sensor circuit</li> <li>• Engine and ECT ECU</li> </ul>	●	○
P0715/67 (DI-202)	Input/Turbine Speed Sensor Circuit Malfunction (O/D Direct Clutch Speed Sensor)	<ul style="list-style-type: none"> <li>• Open or short in O/D direct clutch speed sensor circuit</li> <li>• O/D direct clutch speed sensor</li> <li>• Engine and ECT ECU</li> <li>• Automatic Transmission Assembly</li> </ul>	●	○
P0753/62 (DI-208)	Shift Solenoid "A" Electrical Malfunction (No. 1 Solenoid Valve)	<ul style="list-style-type: none"> <li>• Open or short in No. 1 solenoid valve circuit</li> <li>• No. 1 solenoid valve</li> <li>• Engine and ECT ECU</li> </ul>	●	○
P0758/63 (DI-208)	Shift Solenoid "B" Electrical Malfunction (No. 2 Solenoid Valve)	<ul style="list-style-type: none"> <li>• Open or short in No. 2 solenoid valve circuit</li> <li>• No. 2 solenoid valve</li> <li>• Engine and ECT ECU</li> </ul>	●	○
P0763/76 (DI-208)	Shift Solenoid "C" Electrical Malfunction (No. 3 Solenoid Valve)	<ul style="list-style-type: none"> <li>• Open or short in No. 3 solenoid valve circuit</li> <li>• No. 3 solenoid valve</li> <li>• Engine and ECT ECU</li> </ul>	●	○
P0768/65 (DI-213)	Shift Solenoid "D" Electrical Malfunction (No. 4 Solenoid Valve)	<ul style="list-style-type: none"> <li>• Open or short in No. 4 solenoid valve circuit</li> <li>• No. 4 solenoid valve</li> <li>• Engine and ECT ECU</li> </ul>	●	○
P1755/68 (DI-219)	Linear Solenoid for Line Pressure Control Circuit Malfunction (SLU Solenoid Valve)	<ul style="list-style-type: none"> <li>• Open or short in SLU solenoid valve circuit</li> <li>• SLU solenoid valve</li> <li>• Engine and ECT ECU</li> </ul>	X	○
P1760/77 (DI-223)	Linear Solenoid for Line Pressure Control Circuit Malfunction (SLT Solenoid Valve)	<ul style="list-style-type: none"> <li>• Open or short in SLT solenoid valve circuit</li> <li>• SLT solenoid valve</li> <li>• Engine and ECT ECU</li> </ul>	X	○

P1765/46 (DI-227)	Linear Solenoid for Accumulator Pressure Control Circuit Malfunction (SLN Solenoid Valve)	<ul style="list-style-type: none"> <li>• Open or short in SLN solenoid valve circuit</li> <li>• SLN solenoid valve</li> <li>• Engine and ECT ECU</li> </ul>	X	○
P1780/97 (DI-231)	Neutral Start Switch Malfunction	<ul style="list-style-type: none"> <li>• Short in neutral start switch circuit</li> <li>• Neutral start switch</li> <li>• Engine and ECT ECU</li> </ul>	●	○

\*1: "●" mark means check engine warning light (CHK ENG) blinks once every 2 seconds.

"X" mark means CHK ENG never blinks.

\*2: "○" mark means Engine and ECT ECU memorizes the malfunction code if the Engine and ECT ECU detects the DTC detection condition.

**HINT:**

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