

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 (Europe, Taiwan only):

DTC No. (See Page)	Detection Item	Trouble Area	*1CHK ENG	*2Memory
P0500 (DI-196)	Vehicle Speed Sensor Malfunction	<ul style="list-style-type: none"> • Open or short in vehicle speed sensor circuit • Vehicle speed sensor • Combination meter • Engine & ECT ECU • Automatic transmission assembly 	●	○
P0710 (DI-200)	Transmission Fluid Temperature Sensor Circuit Malfunction (ATF Temperature Sensor)	<ul style="list-style-type: none"> • Open or short in ATF temperature sensor circuit • ATF temperature sensor circuit • Engine & ECT ECU 	●	○
P0711 (DI-202)	Transmission Fluid Temperature Sensor Circuit Range/Performance problem	<ul style="list-style-type: none"> • Open in ATF temperature sensor • ATF temperature sensor circuit • Engine & ECT ECU 	●	○
P0715 (DI-203)	Input/Turbine Speed Sensor Circuit Malfunction (O/D Direct Clutch Speed Sensor)	<ul style="list-style-type: none"> • Open or short in O/D direct clutch speed sensor circuit • O/D direct clutch speed sensor • Engine & ECT ECU • Automatic transmission assembly 	●	○
P0750 (DI-206)	Shift Solenoid "A" Malfunction (No. 1 Solenoid Valve)	<ul style="list-style-type: none"> • No. 1 solenoid valve is stuck open or closed • Valve body is blocked up or stuck • Automatic transmission assembly 	●	○
P0753 (DI-209)	Shift Solenoid "A" Electrical Malfunction (No. 1 Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in No. 1 solenoid valve circuit • No. 1 solenoid valve • Engine & ECT ECU 	●	○
P0755 (DI-206)	Shift Solenoid "B" Malfunction (No. 2 Solenoid Valve)	<ul style="list-style-type: none"> • No. 2 solenoid valve is stuck open or closed • Valve body is blocked up or stuck • Automatic transmission assembly 	●	○
P0758 (DI-209)	Shift Solenoid "B" Electrical Malfunction (No. 2 Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in No. 2 solenoid valve circuit • No. 2 solenoid valve • Engine & ECT ECU 	●	○
P0760 (DI-206)	Shift Solenoid "C" Malfunction (No. 3 Solenoid Valve)	<ul style="list-style-type: none"> • No. 3 solenoid valve is stuck open or closed • Valve body is blocked up or stuck • Automatic transmission assembly 	●	○
P0763 (DI-209)	Shift Solenoid "C" Electrical Malfunction (No. 3 Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in No. 3 solenoid valve circuit • Shift No. 3 solenoid valve • Engine & ECT ECU 	●	○
P0768 (DI-215)	Shift Solenoid "D" Electrical Malfunction (No. 4 Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in No. 4 solenoid valve circuit • No. 4 solenoid valve • Engine & ECT ECU 	●	○
P0770 (DI-218)	Shift Solenoid "E" Malfunction (SLU Solenoid Valve)	<ul style="list-style-type: none"> • SLU solenoid valve is stuck open or closed • Valve body is blocked up or stuck • Lock-up clutch • Automatic transmission assembly 	●	○
P1520 (DI-221)	Stop Light Switch Malfunction	<ul style="list-style-type: none"> • Short in stop light switch signal circuit • Stop light switch • Engine & ECT ECU 	●	○
P1755 (DI-222)	Linear Solenoid for Lock-up Control Circuit Malfunction (SLU Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in SLU solenoid valve circuit • SLU solenoid valve • Engine & ECT ECU • Automatic transmission assembly 	●	○

DIAGNOSTICS – AUTOMATIC TRANSMISSION

P1760 (DI-224)	Linear Solenoid for Line Pressure Control Circuit Malfunction (SLT Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in SLT solenoid valve circuit • SLT solenoid valve • Engine & ECT ECU 	●	○
P1765 (DI-227)	Linear Solenoid for Accumulator Pressure Control Circuit Malfunction (SLN Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in SLN solenoid valve circuit • SLN solenoid valve • Engine & ECT ECU 	●	○
P1780 (DI-230)	Park/Neutral Position Switch Malfunction	<ul style="list-style-type: none"> • Short in neutral start switch circuit • Neutral start switch • Engine & ECT ECU 	●	○

*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 & ECT ECU memorizes the malfunction code if the Engine & 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.

Euro-OBD (Others)

DTC No. (See Page)	Detection Item	Trouble Area	*1CHK ENG	*2Memory
P0500 (DI-196)	Vehicle Speed Sensor Malfunction	<ul style="list-style-type: none"> • Open or short in vehicle speed sensor circuit • Vehicle speed sensor • Combination meter • Engine & ECT ECU • Automatic transmission assembly 	●	○
P0710 (DI-200)	Transmission Fluid Temperature Sensor Circuit Malfunction (ATF Temperature Sensor)	<ul style="list-style-type: none"> • Open or short in ATF temperature sensor circuit • ATF temperature sensor circuit • Engine & ECT ECU 	●	○
P0715 (DI-203)	Input/Turbine Speed Sensor Circuit Malfunction (O/D Direct Clutch Speed Sensor)	<ul style="list-style-type: none"> • Open or short in O/D direct clutch speed sensor circuit • O/D direct clutch speed sensor • Engine & ECT ECU • Automatic transmission assembly 	●	○
P0753 (DI-209)	Shift Solenoid "A" Electrical Malfunction (No. 1 Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in No. 1 solenoid valve circuit • No. 1 solenoid valve • Engine & ECT ECU 	●	○
P0758 (DI-209)	Shift Solenoid "B" Electrical Malfunction (No. 2 Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in No. 2 solenoid valve circuit • No. 2 solenoid valve • Engine & ECT ECU 	●	○
P0763 (DI-209)	Shift Solenoid "C" Electrical Malfunction (No. 3 Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in No. 3 solenoid valve circuit • No. 3 solenoid valve • Engine & ECT ECU 	●	○
P0768 (DI-215)	Shift Solenoid "D" Electrical Malfunction (No. 4 Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in No. 4 solenoid valve circuit • No. 4 solenoid valve • Engine & ECT ECU 	●	○
P1520 (DI-221)	Stop Light Switch Malfunction	<ul style="list-style-type: none"> • Short in stop light switch signal circuit • Stop light switch • Engine & ECT ECU 	●	○
P1755 (DI-222)	Linear Solenoid for Lock-up Control Circuit Malfunction (SLU Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in SLU solenoid valve circuit • SLU solenoid valve • Engine & ECT ECU • Automatic transmission assembly 	●	○
P1760 (DI-224)	Linear Solenoid for Line Pressure Control Circuit Malfunction (SLT Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in SLT solenoid valve circuit • SLT solenoid valve • Engine & ECT ECU 	●	○
P1765 (DI-227)	Linear Solenoid for Accumulator Pressure Control Circuit Malfunction (SLN Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in SLN solenoid valve circuit • SLN solenoid valve • Engine & ECT ECU 	●	○
P1780 (DI-230)	Park/Neutral Position Switch Malfunction	<ul style="list-style-type: none"> • Short in neutral start switch circuit • Neutral start switch • Engine & ECT ECU 	●	○

*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 & ECT ECU memorizes the malfunction code if the Engine & 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:

DTC No. (See Page)	Detection Item	Trouble Area	*1CHK ENG	*2Memory
P0500/42 (DI-196)	Vehicle Speed Sensor Malfunction	<ul style="list-style-type: none"> • Open or short in vehicle speed sensor circuit • Vehicle speed sensor • Combination meter • Engine & ECT ECU • Automatic transmission assembly 	●	○
P0710/38 (DI-200)	Transmission Fluid Temperature Sensor Circuit Malfunction (ATF Temperature Sensor)	<ul style="list-style-type: none"> • Open or short in ATF temperature sensor circuit • ATF temperature sensor circuit • Engine & ECT ECU 	●	○
P0715/67 (DI-203)	Input/Turbine Speed Sensor Circuit Malfunction (O/D Direct Clutch Speed Sensor)	<ul style="list-style-type: none"> • Open or short in O/D direct clutch speed sensor circuit • O/D direct clutch speed sensor • Engine & ECT ECU • Automatic transmission assembly 	●	○
P0753/62 (DI-209)	Shift Solenoid "A" Electrical Malfunction (No. 1 Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in No. 1 solenoid valve circuit • No. 1 solenoid valve • Engine & ECT ECU 	●	○
P0758/63 (DI-209)	Shift Solenoid "B" Electrical Malfunction (No. 2 Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in No. 2 solenoid valve circuit • No. 2 solenoid valve • Engine & ECT ECU 	●	○
P0763/76 (DI-209)	Shift Solenoid "C" Electrical Malfunction (No. 3 Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in No. 3 solenoid valve circuit • No. 3 solenoid valve • Engine & ECT ECU 	●	○
P0768/65 (DI-215)	Shift Solenoid "D" Electrical Malfunction (No. 4 Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in No. 4 solenoid valve circuit • No. 4 solenoid valve • Engine & ECT ECU 	●	○
P1520/52 (DI-221)	Stop Light Switch Malfunction	<ul style="list-style-type: none"> • Short in stop light switch signal circuit • Stop light switch • Engine & ECT ECU 	●	○
P1755/68 (DI-222)	Linear Solenoid for Lock-up Control Circuit Malfunction (SLU Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in SLU solenoid valve circuit • SLU solenoid valve • Engine & ECT ECU • Automatic transmission assembly 	●	○
P1760/77 (DI-224)	Linear Solenoid for Line Pressure Control Circuit Malfunction (SLT Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in SLT solenoid valve circuit • SLT solenoid valve • Engine & ECT ECU 	●	○
P1765/46 (DI-227)	Linear Solenoid for Accumulator Pressure Control Circuit Malfunction (SLN Solenoid Valve)	<ul style="list-style-type: none"> • Open or short in SLN solenoid valve circuit • SLN solenoid valve • Engine & ECT ECU 	●	○

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*2: "○" mark means Engine & ECT ECU memorizes the malfunction code if the Engine & 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.