

Last Modified: 7-13-2007		1.6 S
Service Category: Drivetrain	Section: Automatic Transmission/Transaxle	
Model Year: 2008	Model: ES350	Doc ID: RM000000W7106DX
Title: U660E AUTOMATIC TRANSAXLE: AUTOMATIC TRANSAXLE SYSTEM: DIAGNOSTIC TROUBLE CODE CHART (2008 ES350)		

DIAGNOSTIC TROUBLE CODE CHART

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

HINT:

- *1: MIL (Malfunction Indicator Lamp) comes on.
- *2: "DTC stored" mark means TCM memorizes the trouble code if the TCM detects that the DTC detection condition is satisfied.
- A DTC may be output when the clutch, brake and gear components, etc. inside the automatic transaxle are damaged.

DTC CODE	DETECTION ITEM	TROUBLE AREA	MIL*1	MEMORY*2	SEE PAGE
P0500	Vehicle Speed Sensor "A"	1. Vehicle speed sensor 2. Vehicle speed sensor signal circuit 3. Combination meter 4. TCM	Comes on	DTC stored	INFO
P0560	System Voltage	1. Open in TCM back-up power source circuit 2. TCM	Comes on	DTC stored	INFO
P0617	Starter Relay Circuit High	1. Park/neutral Position (PNP) switch 2. Starter relay circuit 3. Cranking holding function circuit 4. TCM	Comes on	DTC stored	INFO
P0705	Transmission Range Sensor Circuit Malfunction (PRNDL Input)	1. Short in park/neutral position switch circuit 2. Park/neutral Position switch 3. TCM	Comes on	DTC stored	INFO
P0710	Transmission Fluid Temperature Sensor "A" Circuit	1. Open or short in ATF temperature sensor circuit 2. Transmission wire 3. ATF temperature sensor 4. TCM	Comes on	DTC stored	INFO
P0711	Transmission Fluid Temperature Sensor "A" Performance	1. Transmission wire 2. ATF temperature sensor 3. TCM	Comes on	DTC stored	INFO
P0712	Transmission Fluid Temperature Sensor "A" Circuit Low Input	1. Transmission wire 2. ATF temperature sensor 3. TCM	Comes on	DTC stored	INFO

P0713	Transmission Fluid Temperature Sensor "A" Circuit High Input	<ol style="list-style-type: none"> 1. Open in ATF temperature sensor circuit 2. Transmission wire 3. ATF temperature sensor 4. TCM 	Comes on	DTC stored	INFO
P0715	Input / Turbine Speed Sensor Circuit Malfunction	<ol style="list-style-type: none"> 1. Transmission revolution sensor (speed sensor NT) 2. TCM 	Comes on	DTC stored	INFO
P0717	Input Speed Sensor Circuit No Signal	<ol style="list-style-type: none"> 1. Transmission revolution sensor (speed sensor NT) 2. TCM 	Comes on	DTC stored	INFO
P0724	Brake Switch "B" Circuit High	<ol style="list-style-type: none"> 1. Short in stop light switch signal circuit 2. Stop light switch 3. TCM 	Comes on	DTC stored	INFO
P0741	Torque Converter Clutch Solenoid Performance (Shift Solenoid Valve SL)	<ol style="list-style-type: none"> 1. Shift solenoid valve SL remains closed 2. Valve body is blocked 3. Torque converter clutch 4. Automatic transaxle (clutch, brake or gear etc.) 5. Line pressure is too low 	Comes on	DTC stored	INFO
P0746	Pressure Control Solenoid "A" Performance (Shift Solenoid Valve SL1)	<ol style="list-style-type: none"> 1. Shift solenoid valve SL1 remains open or closed 2. Valve body is blocked 3. Automatic transaxle (clutch, brake or gear etc.) 	Comes on	DTC stored	INFO
P0748	Pressure Control Solenoid "A" Electrical (Shift Solenoid Valve SL1)	<ol style="list-style-type: none"> 1. Open or short in shift solenoid valve SL1 circuit 2. Shift solenoid valve SL1 3. TCM 	Comes on	DTC stored	INFO
P0776	Pressure Control Solenoid "B" Performance (Shift Solenoid Valve SL2)	<ol style="list-style-type: none"> 1. Shift solenoid valve SL2 remains open or closed 2. Valve body is blocked 3. Automatic transaxle (clutch, brake or gear etc.) 	Comes on	DTC stored	INFO
P0778	Pressure Control Solenoid "B" Electrical (Shift Solenoid Valve SL2)	<ol style="list-style-type: none"> 1. Open or short in shift solenoid valve SL2 circuit 2. Shift solenoid valve SL2 3. TCM 	Comes on	DTC stored	INFO
P0791	Intermediate Shaft Speed Sensor "A" Circuit	<ol style="list-style-type: none"> 1. Transmission revolution sensor (speed sensor NC) 2. TCM 	Comes on	DTC stored	INFO
P0793	Intermediate Shaft Speed Sensor "A"	<ol style="list-style-type: none"> 1. Transmission revolution sensor (speed sensor NC) 2. TCM 	Comes on	DTC stored	INFO
P0796	Pressure Control Solenoid "C" Performance (Shift Solenoid Valve SL3)	<ol style="list-style-type: none"> 1. Shift solenoid valve SL3 remains open or closed. 	Comes on	DTC stored	INFO

		2. Valve body is blocked. 3. Automatic transaxle (clutch, brake or gear etc.)			
P0798	Pressure Control Solenoid "C" Electrical (Shift Solenoid Valve SL3)	1. Open or short in shift solenoid valve SL3 circuit 2. Shift solenoid valve SL3 3. TCM	Comes on	DTC stored	INFO
P0872	Transmission Fluid Pressure Sensor / Switch "C" Circuit Low	1. ATF temperatuer sensor assembly (ATF pressure switch No. 1) 2. Transmission wire 3. TCM	-	DTC stored	INFO
P0873	Transmission Fluid Pressure Sensor / Switch "C" Circuit High	1. ATF temperatuer sensor assembly (ATF pressure switch No 1) 2. Transmission wire 3. TCM	-	DTC stored	INFO
P0877	Transmission Fluid Pressure Sensor / Switch "D" Circuit Low	1. ATF temperatuer sensor assembly (ATF pressure switch No. 2) 2. Transmission wire 3. TCM	-	DTC stored	INFO
P0878	Transmission Fluid Pressure Sensor / Switch "D" Circuit High	1. ATF temperatuer sensor assembly (ATF pressure switch No. 2) 2. Transmission wire 3. TCM	-	DTC stored	INFO
P0989	Transmission Fluid Pressure Sensor / Switch "E" Circuit Low	1. ATF temperatuer sensor assembly (ATF pressure switch No. 3) 2. Transmission wire 3. TCM	Comes on	DTC stored	INFO
P0990	Transmission Fluid Pressure Sensor / Switch "E" Circuit High	1. ATF temperatuer sensor assembly (ATF pressure switch No. 3) 2. Transmission wire 3. TCM	Comes on	DTC stored	INFO
P2714	Pressure Control Solenoid "D" Performance (Shift Solenoid Valve SLT)	1. Shift solenoid valve SLT remains open 2. Shift solenoid valve SL1, SL2, SL3 or SL4 remains open or closed 3. Valve body is blocked 4. Torque converter clutch 5. Automatic transaxle (clutch, brake or gear, etc.)	Comes on	DTC stored	INFO
P2716	Pressure Control Solenoid "D" Electrical (Shift Solenoid Valve SLT)	1. Open or short in shift solenoid valve SLT circuit 2. Shift solenoid valve SLT	Comes on	DTC stored	INFO

		3. TCM			
P2757	Torque Converter Clutch Pressure Control Solenoid Performance (Shift Solenoid Valve SLU)	<ol style="list-style-type: none"> Shift solenoid valve SLU remains open or closed Valve body is blocked Torque converter clutch Automatic transaxle (clutch, brake or gear, etc.) Line pressure is too low 	Comes on	DTC stored	INFO
P2759	Torque Converter Clutch Pressure Control Solenoid Control Circuit Electrical (Shift Solenoid Valve SLU)	<ol style="list-style-type: none"> Open or short in shift solenoid valve SLU circuit Shift solenoid valve SLU TCM 	Comes on	DTC stored	INFO
P2769	Short in Torque Converter Clutch Solenoid Circuit (Shift Solenoid Valve SL)	<ol style="list-style-type: none"> Short in shift solenoid valve SL circuit Shift solenoid valve SL TCM 	Comes on	DTC stored	INFO
P2770	Open in Torque Converter Clutch Solenoid Circuit (Shift Solenoid Valve SL)	<ol style="list-style-type: none"> Open in shift solenoid valve SL circuit Shift solenoid valve SL TCM 	Comes on	DTC stored	INFO
P2808	Pressure Control Solenoid "G" Performance (Shift Solenoid Valve SL4)	<ol style="list-style-type: none"> Shift Solenoid valve SL4 remains open or closed Valve body is blocked Automatic transaxle (clutch, brake or gear etc.) 	Comes on	DTC stored	INFO
P2810	Pressure Control Solenoid "G" Electrical (Shift Solenoid Valve SL4)	<ol style="list-style-type: none"> Open or short in shift solenoid valve SL4 circuit Shift solenoid valve SL4 TCM 	Comes on	DTC stored	INFO
U0100	Lost Communication with ECM / PCM "A"	TCM	Comes on	DTC stored	INFO

