

MALFUNCTION DETECTION FUNCTION [FN4A-EL]

B3E050219090T03

Malfunction Detection Function

- In the malfunction detection function, the PCM detects malfunctions in the automatic transmission while driving.
- When vehicle driving conditions correspond with a preset malfunction detection condition, the PCM determines that the automatic transmission has a malfunction and stores the corresponding DTC.
- When a malfunction is detected, stored DTCs can be retrieved using the WDS or equivalent connected to the DLC-2.

DTC Table

×: Available

DTC No.	Condition	MIL	AT warning light illuminates	DC	Monitor item	Memory function
P0500	VSS circuit malfunction (ATX)	ON	YES	2	CCM	X
P0706	Transaxle range (TR) switch circuit range/performance	ON	YES	2	CCM	X
P0707	Transaxle range (TR) switch circuit low input	ON	YES	1	CCM	X
P0708	Transaxle range (TR) switch circuit high input	ON	YES	2	CCM	X
P0711	Transaxle fluid temperature (TFT) sensor circuit range/performance (stuck)	ON	NO	2	CCM	X
P0712	Transaxle fluid temperature (TFT) sensor circuit malfunction (short to ground)	ON	YES	1	CCM	X
P0713	Transaxle fluid temperature (TFT) sensor circuit malfunction (open circuit)	ON	YES	1	CCM	X
P0715	Input/turbine speed sensor circuit malfunction	ON	YES	1	CCM	X
P0731	Gear 1 incorrect (incorrect gear ratio detected)	OFF	YES	1	CCM	X
P0732	Gear 2 incorrect (incorrect gear ratio detected)	OFF	YES	1	CCM	X
P0733	Gear 3 incorrect (incorrect gear ratio detected)	OFF	YES	1	CCM	X
P0734	Gear 4 incorrect (incorrect gear ratio detected)	OFF	YES	1	CCM	X
P0741	Torque converter clutch (TCC) (stuck off)	OFF	YES	1	CCM	X
P0742	Torque converter clutch (TCC) (stuck on)	OFF	YES	1	CCM	X
P0745	Pressure control solenoid malfunction	OFF	YES	1	CCM	X
P0751	Shift solenoid A stuck off	ON	YES	2	CCM	X
P0752	Shift solenoid A stuck on	ON	YES	2	CCM	X
P0753	Shift solenoid A malfunction (electrical)	ON	YES	1	CCM	X
P0756	Shift solenoid B stuck off	ON	YES	2	CCM	X
P0757	Shift solenoid B stuck on	ON	YES	2	CCM	X

P0758	Shift solenoid B malfunction (electrical)	ON	YES	1	CCM	X
P0761	Shift solenoid C stuck off	ON	YES	2	CCM	X
P0762	Shift solenoid C stuck on	ON	YES	2	CCM	X
P0763	Shift solenoid C malfunction (electrical)	ON	YES	1	CCM	X
P0766	Shift solenoid D stuck off	ON	YES	2	CCM	X
P0767	Shift solenoid D stuck on	ON	YES	2	CCM	X
P0768	Shift solenoid D malfunction (electrical)	ON	YES	1	CCM	X
P0771	Shift solenoid E stuck off	ON	YES	2	CCM	X
P0772	Shift solenoid E stuck on	ON	YES	2	CCM	X
P0773	Shift solenoid E malfunction (electrical)	ON	YES	1	CCM	X
P0894	Forward clutch torque transmission	OFF	YES	1	CCM	X