

DTC	P0A1F/123	BATTERY ENERGY CONTROL MODULE
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CIRCUIT DESCRIPTION

Based on a malfunction signal received from the battery ECU, the HV control ECU alerts the driver and effects fail-safe control.

DTC No.	INF Code	DTC Detection Condition	Trouble Area
P0A1F	123	Abnormal signal input from battery ECU (ROMRAM malfunction)	<ul style="list-style-type: none"> • HV battery system • Battery ECU

MONITOR DESCRIPTION

Upon receiving an abnormal signal input from the battery ECU, the HV control ECU illuminates the MIL and sets a DTC.

MONITOR STRATEGY

Related DTCs	P0A1F (INF 123): Battery ECU/Rationality
Required sensor/components	Battery ECU, battery current sensor
Frequency of operation	Continuous
Duration	TOYOTA's intellectual property
MIL operation	Immediately
Sequence of operation	None

TYPICAL ENABLING CONDITIONS

The monitor will run whenever the following DTCs are not present	TOYOTA's intellectual property
Other conditions belong to TOYOTA's intellectual property	–

TYPICAL MALFUNCTION THRESHOLDS

TOYOTA's intellectual property	–
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COMPONENT OPERATING RANGE

Battery ECU	Normal
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INSPECTION PROCEDURE

HINT:

After repairing the malfunction, restart the system (to turn the READY lamp ON) and recheck the DTC.

1	READ OUTPUT DTC(HV BATTERY)
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- (a) Connect the hand-held tester to the DLC3.
- (b) Turn the power switch ON (IG).
- (c) Turn the hand-held tester ON.
- (d) On the hand-held tester, enter the following menus: DIAGNOSIS / ENHANCED OBD II / HV BATTERY / DTC INFO / TROUBLE CODES.
- (e) Read DTCs.

Result: DTCs are output

YES	GO TO RELEVANT DTC CHART (See page 05-893)
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NO

REPLACE BATTERY ECU ASSY (See page 21-98)
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