

DTC	P0A81	HYBRID BATTERY PACK COOLING FAN 1
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CIRCUIT DESCRIPTION

Refer to DTC P0A85 on page [05-908](#).

DTC No.	DTC Detection Condition	Trouble Area
P0A81	Voltage at motor is out of predetermined range in proportion to target control voltage (1 trip detection logic)	<ul style="list-style-type: none"> • Quarter vent duct (blower motor controller) • Battery ECU

WIRING DIAGRAM

Refer to DTC P0A85 on page [05-908](#).

INSPECTION PROCEDURE

1	READ OUTPUT DTC(DTC P0A1F IS OUTPUT)
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- (a) Connect the hand-held tester or the OBD II scan tool to the DLC3.
- (b) Turn the power switch ON (IG).
- (c) Turn the hand-held tester or the OBD II scan tool ON.
- (d) On the hand-held tester, enter the following menus: DIAGNOSIS / ENHANCED OBD II / HV BATTERY / DTC INFO / TROUBLE CODES.

For the OBD II scan tool, see its instruction manual.

- (e) Read DTCs.

Result:

Display (DTC output)	Proceed to
P0A81	A
P0A81 and P0A1F	B
P0A81 and P0A85	C

B → **REPLACE BATTERY ECU ASSY**
(See page [21-98](#))

C → **GO TO DTC P0A85 CHART (See page [05-908](#))**

A

2	REPLACE QUARTER VENT DUCT(BATTERY BLOWER MOTOR CONTROLLER)
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- (a) Replace the quarter vent duct (blower motor controller).
- (b) Connect the hand-held tester or the OBD II scan tool to the DLC3.
- (c) Turn the power switch ON (IG).
- (d) Turn the hand-held tester or the OBD II scan tool ON.
- (e) On the hand-held tester, enter the following menus: DIAGNOSIS / ENHANCED OBD II / HV BATTERY / DTC INFO / CLEAR CODES.

For the OBD II scan tool, see its instruction manual.

- (f) Perform a simulation test.

GO

3 READ OUTPUT DTC(DTC P0A81 IS OUTPUT AGAIN)

- (a) Connect the hand-held tester or the OBD II scan tool to the DLC3.
- (b) Turn the power switch ON (IG).
- (c) Turn the hand-held tester or the OBD II scan tool ON.
- (d) On the hand-held tester, enter the following menus: DIAGNOSIS / ENHANCED OBD II / HV BATTERY / DTC INFO / TROUBLE CODES.
For the OBD II scan tool, see its instruction manual.
- (e) Read DTCs.

Result: DTC P0A81 is output again

YES

REPLACE BATTERY ECU ASSY
(See page [21-98](#))

NO

SYSTEM OK