DTC	P0A81	HYBRID BATTERY PACK COOLING FAN 1

CIRCUIT DESCRIPTION

Refer to DTC P0A85 on page 05–677.

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)	• Quarter vent duct (blower motor controller) • Battery ECU

INSPECTION PROCEDURE

1	READ OUTPUT DTC (DTC P0A1F IS OUTPUT)

(a) Connect the intelligent tester II to the DLC3.
(b) Turn the power switch ON (IG).
(c) Turn the intelligent tester II ON.
(d) On the intelligent tester II, enter the following menus: Powertrain / HV Battery / DTC.
(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 21–100)**

C → **GO TO DTC P0A85 CHART (See page 05–677)**

A

2	REPLACE QUARTER VENT DUCT (BATTERY BLOWER MOTOR CONTROLLER)

(a) Replace the quarter vent duct (blower motor controller).
(b) Connect the intelligent tester II to the DLC3.
(c) Turn the power switch ON (IG).
(d) Turn the intelligent tester II ON.
(e) On the intelligent tester II, enter the following menus: Powertrain / HV Battery / DTC / Clear.
(f) Perform a simulation test.

GO

3	READ OUTPUT DTC(DTC P0A81 IS OUTPUT AGAIN)

(a) Connect the intelligent tester II to the DLC3.
(b) Turn the power switch ON (IG).
(c) Turn the intelligent tester II ON.
(d) On the intelligent tester II, enter the following menus: Powertrain / HV Battery / DTC.
(e) Read DTCs.
Result: DTC P0A81 is output again

YES → **REPLACE BATTERY ECU ASSY (See page 21–100)**

NO

SYSTEM OK