DTC	P3011	BATTERY BLOCK 1 BECOMES WEAK
DTC	P3012	BATTERY BLOCK 2 BECOMES WEAK
DTC	P3013	BATTERY BLOCK 3 BECOMES WEAK
DTC	P3014	BATTERY BLOCK 4 BECOMES WEAK
DTC	P3015	BATTERY BLOCK 5 BECOMES WEAK
DTC	P3016	BATTERY BLOCK 6 BECOMES WEAK
DTC	P3017	BATTERY BLOCK 7 BECOMES WEAK
DTC	P3018	BATTERY BLOCK 8 BECOMES WEAK
DTC	P3019	BATTERY BLOCK 9 BECOMES WEAK
DTC	P3020	BATTERY BLOCK 10 BECOMES WEAK
DTC	P3021	BATTERY BLOCK 11 BECOMES WEAK
DTC	P3022	BATTERY BLOCK 12 BECOMES WEAK
DTC	P3023	BATTERY BLOCK 13 BECOMES WEAK
DTC	P3024	BATTERY BLOCK 14 BECOMES WEAK

CIRCUIT DESCRIPTION

Refer to DTC P0A80 on page 05–672.

DTC No.	DTC Detection Condition	Trouble Area
P3011 P3012 P3013 P3014 P3015 P3016 P3017 P3018 P3019 P3020 P3021 P3022 P3023 P3024	Presence of a malfunctioning block is determined based on the voltages from the battery blocks (1 trip detection logic)	• HV battery assembly • 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: DTC P0A1F is output

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

NO

REPLACE HV SUPPLY BATTERY ASSY (See page 21–56)