DI82V–01

DTC	P3000	HV Battery Malfunction

CIRCUIT DESCRIPTION

The HV ECU gives warning to the driver and performs the fail safe control, according to the abnormal signal received from the battery ECU.

HINT:
- When using an OBD‑6 scan tool other than hand–held tester, check all the steps.
- When using hand–held tester, confirm the information code and check it.

DTC P3000 – Information code 123, 125

INF. code.	Detecting Condition	Trouble Area
123	Input of abnormal signal from battery ECU (HV battery system malfunction)	• HV battery system • High voltage fuse
125	Input of abnormal signal from battery ECU (high voltage fuse blown out)	• HV battery cooling system • Power Cable

INSPECTION PROCEDURE

If the information code 123 or 125 is output, after confirming the DTC of the HV battery system, check and repair the applicable DTC. After repairing it, record the DTC of the HV ECU, freeze frame data and history of operation. Then, clear the DTC and check it one more time after starting the system again ("READY" light ON).

DTC P3000 – Information code 388

INF. code.	Detecting Condition	Trouble Area
388	When charged battery is low due to leaving the vehicle in N range, gas shortage or HV system malfunction	–

INSPECTION PROCEDURE

If the information code 388 is output, check if other information codes are being output and then check and repair the applicable code. After that, confirm the gas is affluent and it is OK if you can crank the engine again.

DTC P3000 – Information code 388

INF. code.	Detecting Condition	Trouble Area
389	When main battery is dead or main battery is dead due to HV system malfunction	–

INSPECTION PROCEDURE

If the information code 389 is output, check if other information codes are being output and then check repair the applicable code. After that, replace the main battery and it is OK if you can crank the engine again.