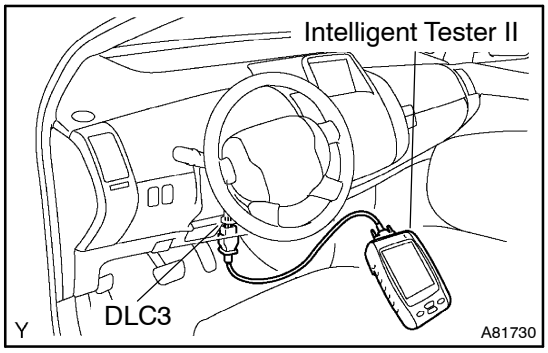
05IHA–01

DTC CHECK/CLEAR

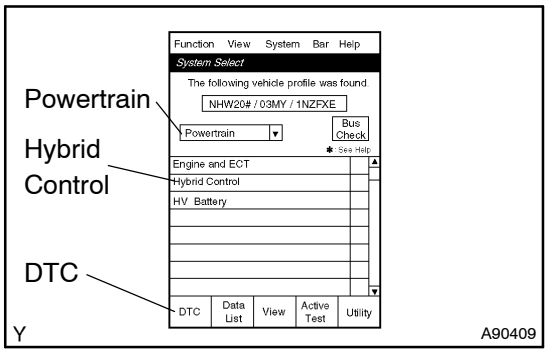


1. CHECK DTC (HYBRID CONTROL)

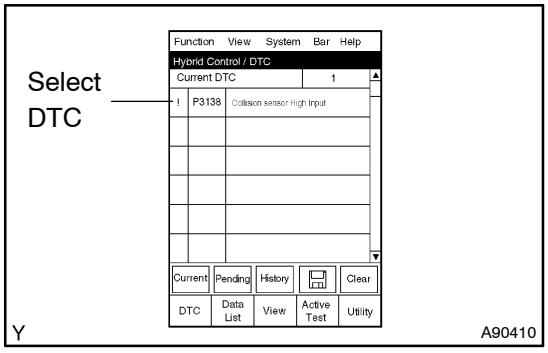
(a) Connect the intelligent tester II to the DLC3.

(b) Turn the power switch ON (IG).

(c) Turn the intelligent tester II ON.

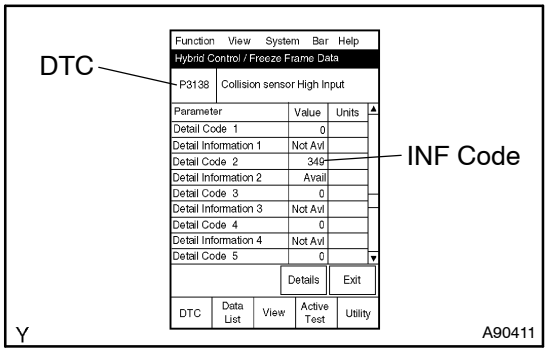


(d) On the System Select screen, enter the following menus: Powertrain / Hybrid Control / DTC. Read DTCs of the HV control system.



2. CHECK FREEZE FRAME DATA AND INFORMATION

(a) If a DTC is present, select that DTC in order to display its freeze frame data.



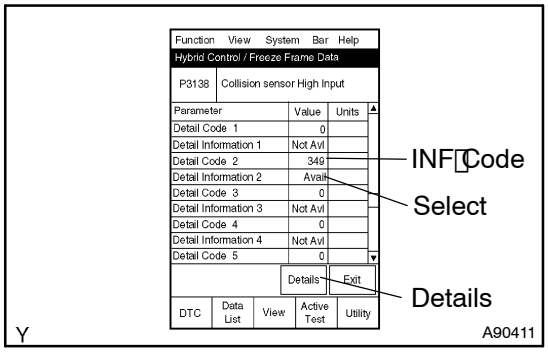
(b) Read recorded freeze frame data at the time of detection of a DTC.

NOTICE:

Information code (INF code) is displayed in one of the columns, detail code 1 to 5, on the freeze frame data screen. Check the details by following the procedures in the following steps.

HINT:

In the case shown in the illustration, refer to troubleshooting for DTC P3138 and INF code 349.



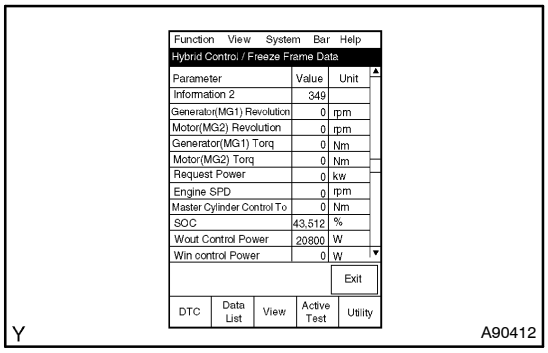
(c) Read information.

(1) Select "Detail Information" beneath "Detail Code" which has an INF code.

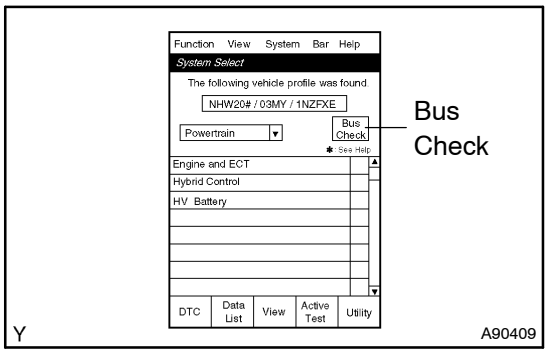
HINT:

Detail Code 2 has the INF code 349 in the illustration. In this case, "Detail Information 2" should be selected.

(2) Press the "Details" key.

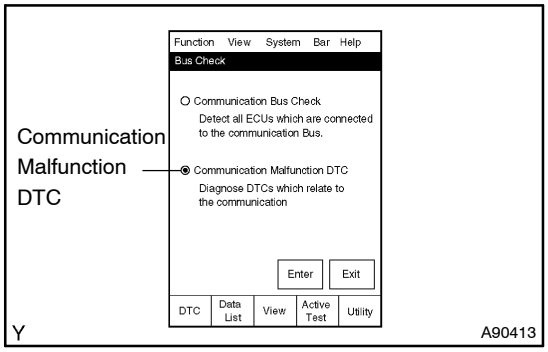


(3) Information is displayed as shown in the illustration.



3. CHECK DTC (BUS CHECK)

(a) On the System Select screen, select Bus Check.



(b) On the Bus Check screen, select Communication Malfunction DTC, in order to read the DTCs for a communication error.

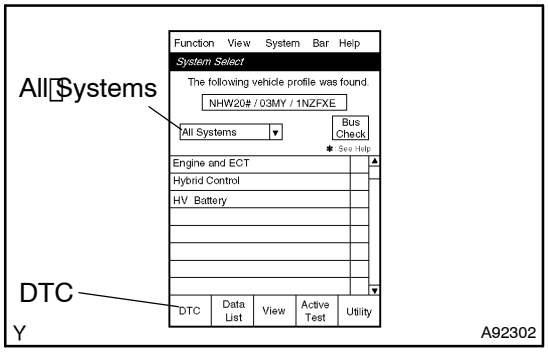
HINT:

If DTCs for the CAN communication system are present in addition to other DTCs, first troubleshoot and repair malfunction in the CAN communication (see page 05–2312).

4. CHECK DTC (SYSTEMS OTHER THAN HYBRID CONTROL)

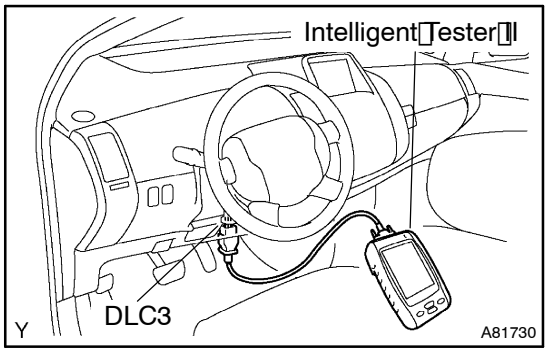
HINT:

The HV control ECU maintains mutual communication with the computers, including the ECM, battery ECU, skid control ECU, power steering ECU and other. Therefore, if the HV control ECU outputs a warning, it is necessary to check and record the DTCs of all the systems.



(a) On the System Select screen, enter the following menus: All Systems / DTC.

(b) If DTCs are present, check the relevant systems.



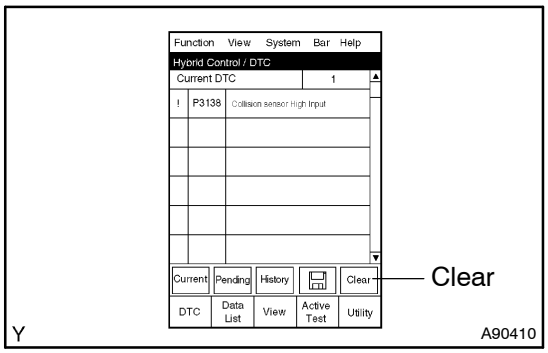
5. CLEAR DTC

(a) Connect the Intelligent Tester II to the DLC3.

(b) Turn the power switch ON (IG).

(c) Turn the Intelligent Tester II ON.

(d) Check that the shift position is in the P position.



(e) Display the Hybrid Control / DTC screen and press the Clear key at the bottom right area of the screen.

NOTICE:

Clearing the DTCs will also clear the freeze frame data, information (see page 05–249) and operation history data (see page 05–253).