05JXH–01

CHECK MODE PROCEDURE

HINT:

Hand–held tester only:

Compared to the normal mode, the check mode has more sensing ability to detect malfunctions. Furthermore, the same diagnostic items which are detected in the normal mode can also be detected in the check (test) mode.

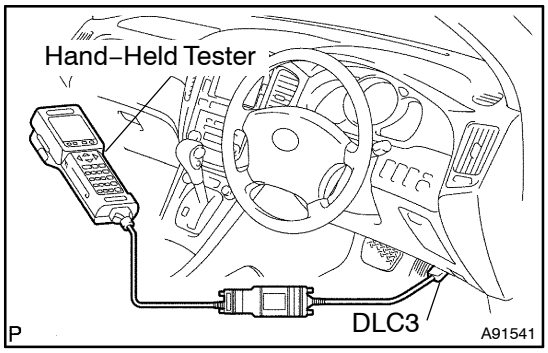
1. CHECK MODE PROCEDURE (Using the hand–held tester).

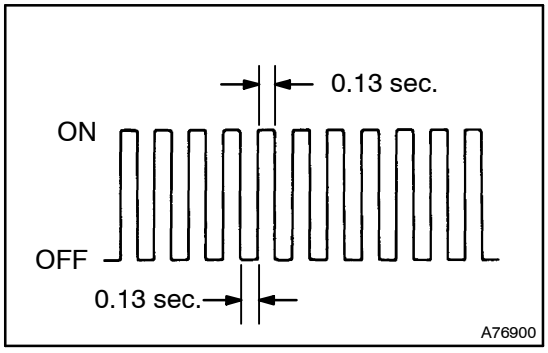
(a) Check the initial conditions
  (1) Battery positive voltage 11 V or more.
  (2) Throttle valve fully closed.
  (3) Transmission in the ”P” or ”N” position.
  (4) Air conditioning switched OFF.

(b) Turn the ignition switch OFF.

(c) Connect the hand–held tester to the DLC3.

(d) Turn the ignition switch ON and switch the hand–held tester main switch ON.





(e) Switch the hand–held tester from the normal mode to the check (test) mode. The CHK ENG blinks in 0.13 second intervals as shown in the illustration.

NOTICE:

If the hand–held tester switches the ECM from the normal mode to the check mode or vice–versa, or if the ignition switch is turned from ON to ACC or OFF during the check mode, the DTC and freeze frame data will be erased.

(f) Start the engine. (The CHK ENG goes off after the engine start.)

(g) Simulate the conditions of the malfunction described by the customer.

NOTICE:

Leave the ignition switch ON until you have checked the DTC, etc.

(h) After simulating the malfunction conditions, use the hand–held tester diagnosis selector to check the DTCs and freeze frame data, etc.

HINT:

Be sure not to turn the ignition switch OFF, because the diagnosis system is changed from the check mode to the normal mode and will result in all of the DTCs and freeze frame data being erased.

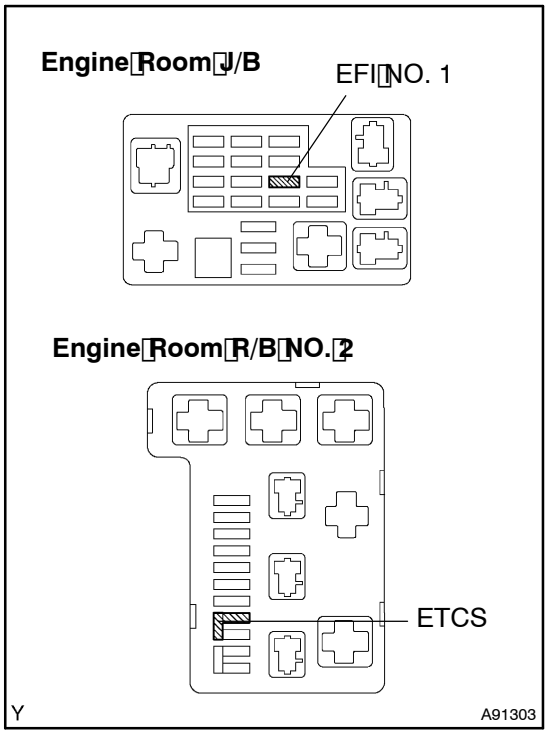
(i) After checking the DTC, inspect the applicable circuit.

2. CLEAR DTC (Using the hand–held tester)

(a) Connect the hand–held tester to the DLC3.

(b) Turn the ignition switch ON.

(c) When operating the hand–held tester to erase the codes, the DTCs and freeze frame data will be erased. (See the hand–held tester's instruction book for operating instructions.)



3. CLEAR DTC (Not using the hand–held tester)

(1) Remove the EFI NO. 1 fuse (from the engine room J/B) and the ETCS fuse (from the engine room R/B NO. 2) for more than 60 seconds. After clear DTC, perform the "INITIALIZE" procedure. (See page 05–355).