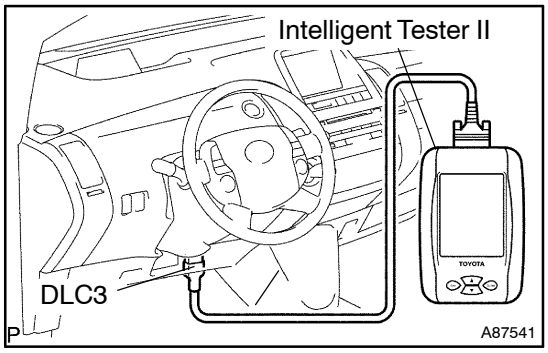
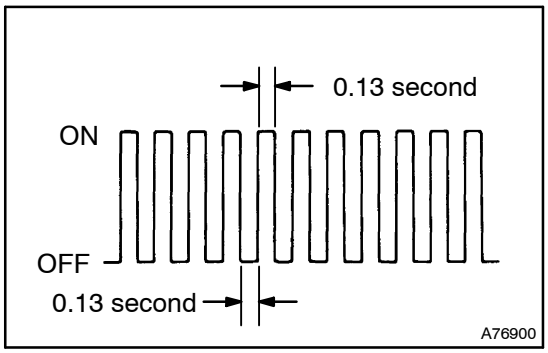
05IHE–01

CHECK MODE PROCEDURE

HINT:

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





1. CHECK MODE PROCEDURE (Using the intelligent tester II)

(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) A/C switched OFF

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

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

(d) Change the ECM to check mode using the intelligent tester II. Make sure the CHK ENG flashes as shown in the illustration.

NOTICE:

All DTCs and freeze frame data recorded will be erased if: 1) the intelligent tester II is used to change the ECM from normal mode to check mode or vice–versa, or 2) during check mode, the power switch is switched from ON to ACC or OFF.

(e) Start the HV main system (READY ON). The CHK ENG should turn off after the system starts.

(f) Simulate the condition of the malfunction described by the customer.

(g) After simulating the malfunction condition DTCs, freeze frame data and other data using the intelligent tester II.

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

2. CLEAR DTC

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

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

(c) On the tester, enter the following menus: Powertrain / Engine and ECT / DTC / Clear.

(d) Erase DTCs and freeze frame data by pressing the YES button on the tester.