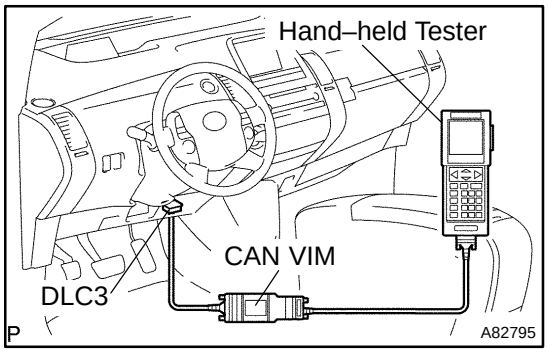
05CRI–08

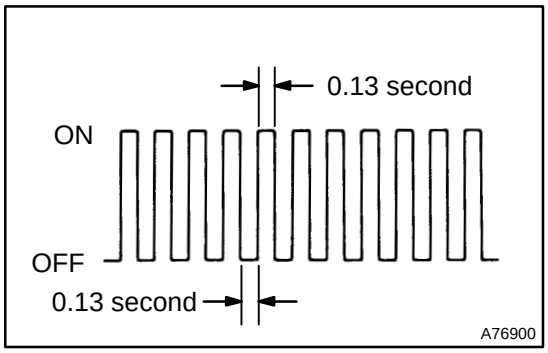
CHECK MODE PROCEDURE

HINT:

Hand–held tester only:

Compared to normal mode, check mode has more sensing ability to detect malfunction. Furthermore, the same diagnostic items which are detected in normal mode can also be detected in check 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) Shift position in the P or N
  (4) A/C switched OFF

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

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

(d) Change the ECM to check mode using the hand–held tester. Make sure the MIL flashes as shown in the illustration.

NOTICE:

All DTCs and freeze frame data recorded will be erased if: 1) the hand–held tester 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 MIL should turn off after the system starts.

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

(g) After simulating the malfunction conditions, check DTCs, freeze frame data and other data using the tester.

(h) After checking DTCs, inspect applicable circuits.

2. CLEAR DTC

(a) Connect the OBD II scan tool or hand–held tester to the DLC3.

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

(c) On the OBD II scan tool (complying with SAE J1978) or the hand–held tester, enter the following menus: DIAGNOSIS / ENHANCED OBD II / ENGINE AND ECT / DTC INFO / CLEAR CODES.

(d) Erase DTCs and freeze frame data by pressing the YES button on the tester. For the OBD II scan tool, see its instruction manual.