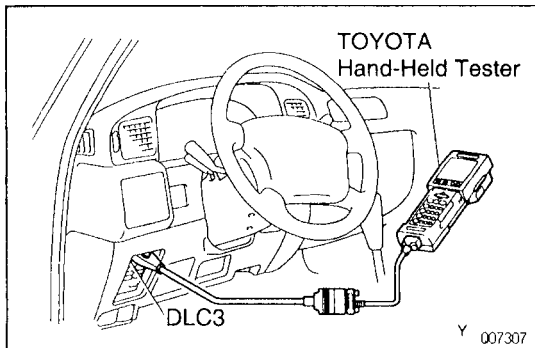


5. See page [AT-42](#) to confirm the details of the DTCs.
NOTICE: When simulating symptoms with an OBD II scan tool (excluding TOYOTA hand-held tester) to check the DTCs, use normal mode. For codes on the DTC chart subject to "2 trip detection logic", turn the ignition switch off after the symptoms have been simulated for the first time. Then repeat the simulation process again. When the program has been simulated twice, the MIL lights up and the DTCs are recorded in the ECM.



DIAGNOSIS INSPECTION (CHECK MODE)

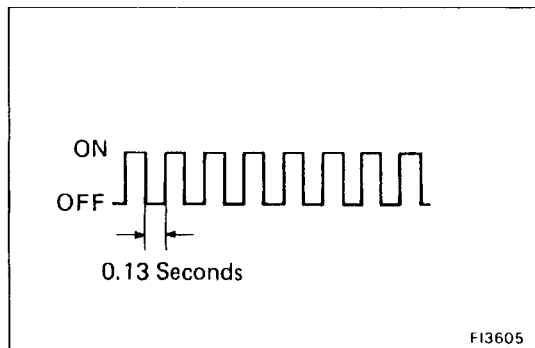
TOYOTA hand-held tester only

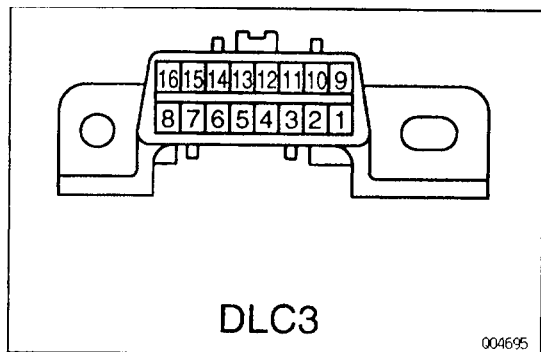
Compared to the normal mode, the check mode has high sensing ability to detect malfunctions.

Furthermore, the same diagnostic items which are detected in the normal mode can also be detected in the check mode.

DIAGNOSTIC TROUBLE CODE CHECK

1. Initial conditions.
 - (a) Battery positive voltage 11 V or more.
 - (b) Throttle valve fully closed.
 - (c) Transmission in PARK position.
 - (d) Air conditioning switched off.
2. Turn ignition switch OFF.
3. Prepare the TOYOTA hand-held tester.
4. Connect the TOYOTA hand-held tester to DLC 3 in the fuse box at the lower left of the instrument panel.
5. Turn the ignition switch ON and switch the TOYOTA hand-held tester ON.
6. Switch the TOYOTA hand-held tester from normal mode to check mode. (Check that the MIL flashes.)
7. Start the engine. (MIL and O/D OFF indicator lights go off after the engine starts.)
8. Simulate the conditions of the malfunction described by the customer.
NOTICE: Leave the ignition switch ON until you have checked the DTCs etc.
9. After simulating the malfunction conditions, use the TOYOTA hand-held tester diagnosis selector to check the DTCs and freeze frame data, etc.
HINT: Take care not to turn the ignition switch OFF. Turning the ignition switch off switches the diagnosis system from check mode to normal mode, so all DTCs, etc. are erased.
10. After checking the DTC, inspect the applicable circuit.



**DATA LINK CONNECTOR 3 INSPECTION**

The vehicle's ECM uses V.P.W. (Variable Pulse Width) for communication to comply with SAE J1850. The terminal arrangement of DLC 3 complies with SAE J 1962 and matches the V.P.W. format.

Terminal No.	Connection/Voltage or Resistance	Condition
2	Bus Line	During transmission
4	Chassis Ground Body 1 Ω or less	Always
5	Signal Ground Body 1 Ω or less	Always
16	Battery Positive Body 1 Ω Body 9 ~ 14V	Always

HINT: If your display shows "UNABLE TO CONNECT TO VEHICLE" when you have connected the cable of the OBD II scan tool or TOYOTA hand-held tester to DLC 3, turned the ignition switch ON and operated the scan tool, there is a problem on the vehicle side or tool side.

- (1) If communication is normal when the tool is connected to another vehicle, inspect DLC 3 on the original vehicle.
- (2) If communication is still not possible when the tool is connected to another vehicle, the problem is probably in the tool itself, so consult the Service Department listed in the tool's instruction manual.