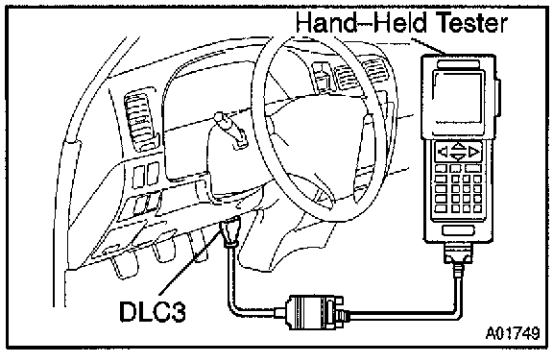


IGNITION TIMING (2RZ–FE, 3RZ–FE)

EM06U–01

INSPECTION

1. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.

2. CONNECT HAND–HELD TESTER

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

(b) Please refer to the hand–held tester operator's manual for further details.

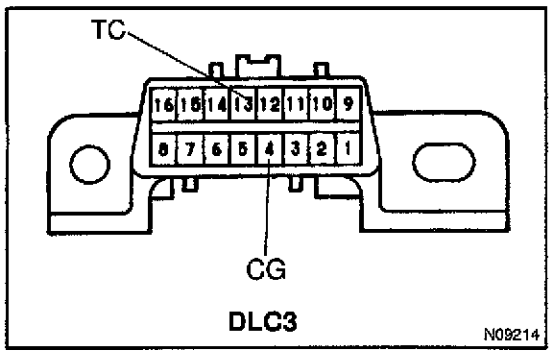
3. CONNECT TIMING LIGHT TO ENGINE

Connect the tester probe of a timing light to the No.1 high–tension cord for No.4 cylinder.

4. CHECK IDLE SPEED

(See page EM–18)

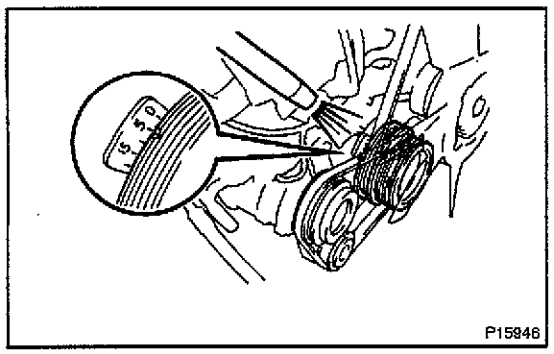
5. DISCONNECT HAND–HELD TESTER



6. INSPECT IGNITION TIMING

(a) Using SST, connect terminals 13 (TC) and 4 (CG) of the DLC3.

SST 09843–18020



(b) Using a timing light, check the ignition timing.

Ignition timing:

5° BTDC @ idle

(Transmission in neutral position)

(c) Remove the SST from the check connector.

SST 09843–18020

7. FURTHER CHECK IGNITION TIMING

Ignition timing:

6 – 17° BTDC @ idle

(Transmission in neutral position)

HINT:

The timing mark moves in a range between 10° and 25°.

8. DISCONNECT TIMING LIGHT FROM ENGINE