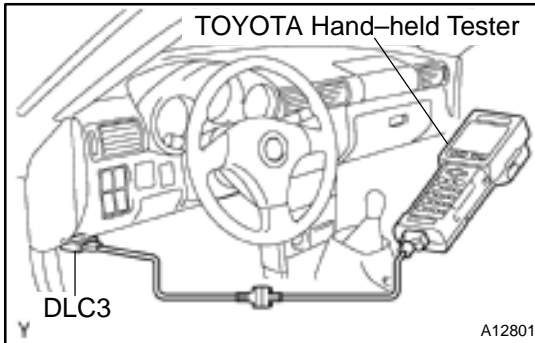


IGNITION TIMING INSPECTION

EM19C-01

1. WARM UP ENGINE

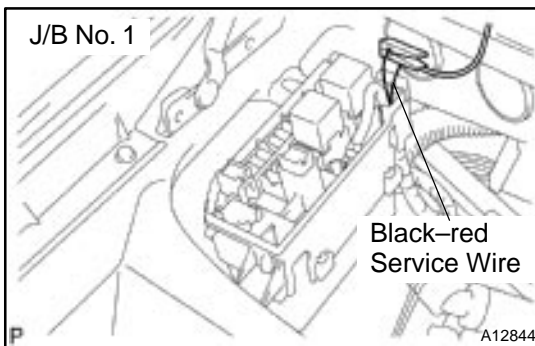
Allow the engine to warm up to normal operating temperature.



2. CONNECT TOYOTA HAND-HELD TESTER OR OBD II SCAN TOOL

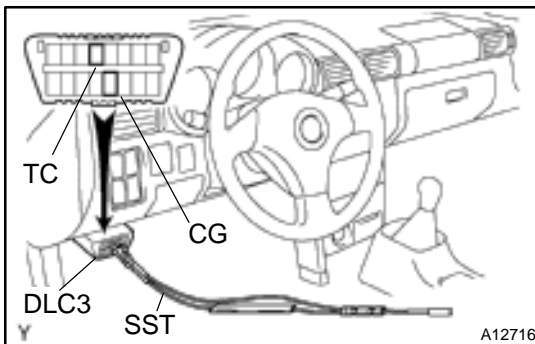
- (a) Connect the TOYOTA hand-held tester or OBD II scan tool to the DLC3.
- (b) Please refer to the TOYOTA hand-held tester or OBD II scan tool operator's for further details.

3. CHECK IDLE SPEED (See page EM-10)



4. CONNECT TIMING LIGHT

Connect the tester probe of a timing light to the black-red service wire in the J/B No. 1 as shown in the illustration.

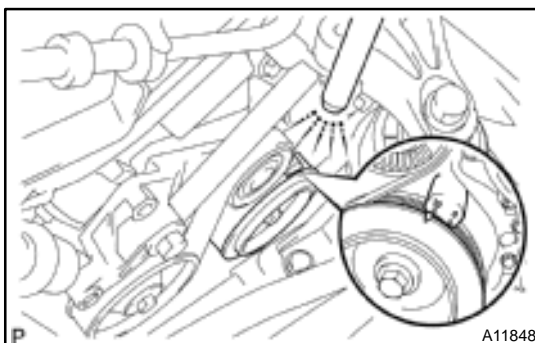


5. INSPECT IGNITION TIMING

- (a) Using SST, connect terminals to TC and CG of the DLC3.
SST 09843-18040

HINT:

After engine rpm is kept at 1,000 – 1,500 rpm for 5 seconds, check that it returns to idle speed.



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

Ignition timing: 8 – 12° BTDC @ idle

- (c) Remove the SST from the DLC3.

6. FURTHER CHECK IGNITION TIMING

Ignition timing: 6 – 15° BTDC @ idle

HINT:

The timing mark moves in a range between 6° and 15°.

7. DISCONNECT TIMING LIGHT

8. DISCONNECT TOYOTA HAND-HELD TESTER OR OBD II SCAN TOOL