

IGNITION TIMING INSPECTION

EM0FT-03

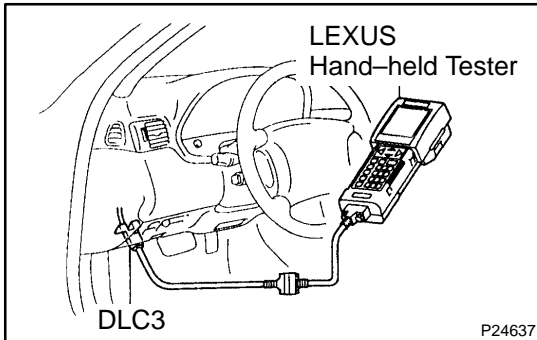
1. REMOVE BATTERY CLAMP COVER

2. REMOVE V-BANK COVER

Remove the 2 cap nuts, bolt and V-bank cover.

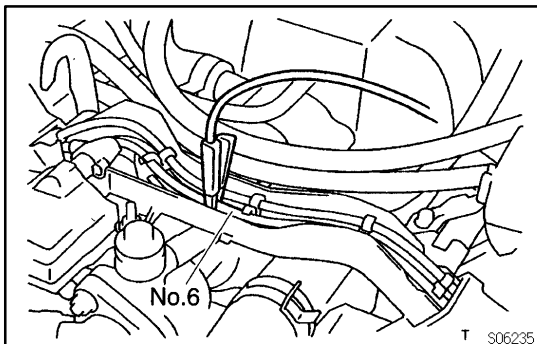
3. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.



4. CONNECT LEXUS HAND-HELD TESTER OR OBD II SCAN TOOL

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



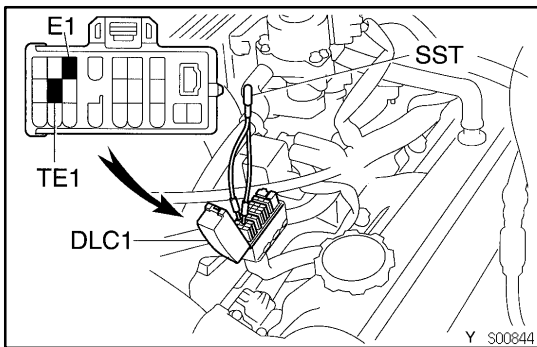
5. CONNECT TIMING LIGHT TO ENGINE

Connect the tester probe of a timing light to the high-tension cord for No. 6 cylinder.

6. CHECK IDLE SPEED

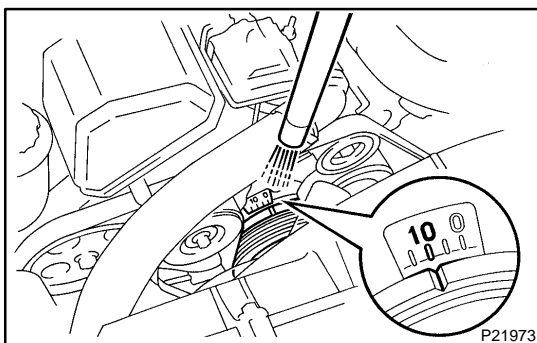
- (a) Race the engine speed at 2,500 rpm for approx. 90 seconds.
- (b) Check the idle speed.

Idle speed: 700 ± 50 rpm



7. INSPECT IGNITION TIMING

- (a) Using SST, connect terminals TE1 and E1 of the DLC1.
SST 09843-18020



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

Ignition timing:

8 – 12° BTDC @ idle

(Transmission in neutral position)

- (c) Remove the SST from the DLC1.
SST 09843-18020

8. DISCONNECT TIMING LIGHT FROM ENGINE

9. DISCONNECT LEXUS HAND-HELD TESTER OR OBD II SCAN TOOL

10. REINSTALL V-BANK COVER

11. REINSTALL BATTERY CLAMP COVER