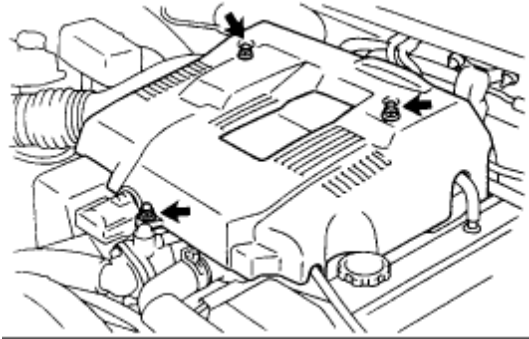
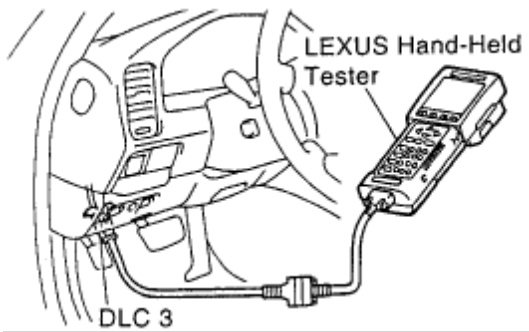


## IGNITION TIMING INSPECTION

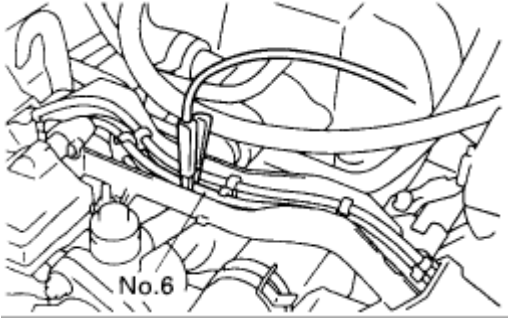
1. REMOVE BATTERY CLAMP COVER.
2. REMOVE AIR CLEANER INLET.
3. REMOVE V-BANK COVER.



- Remove the 2 cap nuts, bolt and V-bank cover.
4. WARM UP ENGINE.
    - Allow the engine to warm up to normal operating temperature.
  5. 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.
6. CONNECT TIMING LIGHT TO ENGINE.



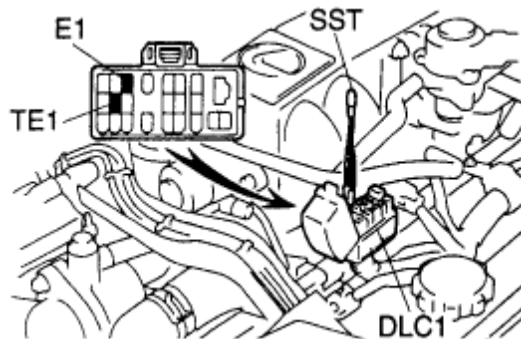
- Connect the tester probe of a timing light to the high-tension cord for **cylinder No.6** .

7. CHECK [IDLE SPEED](#).

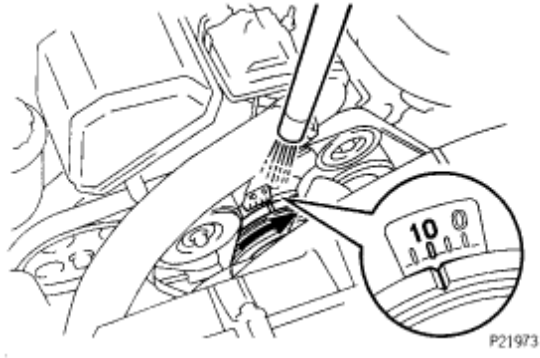
- (a) Race the engine speed at 2,500 rpm for approx. 90 seconds.
- (b) Check the [idle speed](#).

**[Idle speed](#): 650 ±50 rpm**

8. INSPECT IGNITION TIMING.



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



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

**Ignition timing at idle: 8° - 12° BTDC**  
(Transmission in neutral position)

(c) Remove the jumper from the DLC1.

9. DISCONNECT TIMING LIGHT FROM ENGINE.
10. DISCONNECT LEXUS HAND-HELD TESTER OR OBD II SCAN TOOL.
11. REINSTALL V-BANK COVER.
12. REINSTALL AIR CLEANER INLET.
13. REINSTALL BATTERY CLAMP COVER.