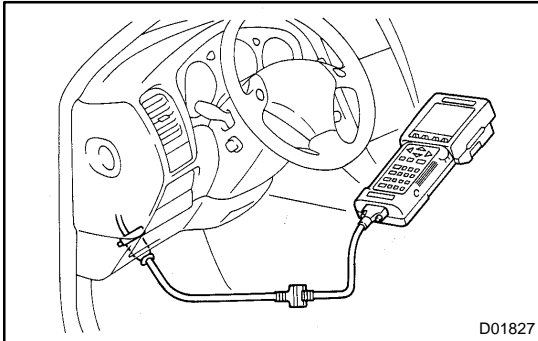


IGNITION TIMING INSPECTION

EM1KY-02

1. REMOVE V-BANK COVER
2. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.



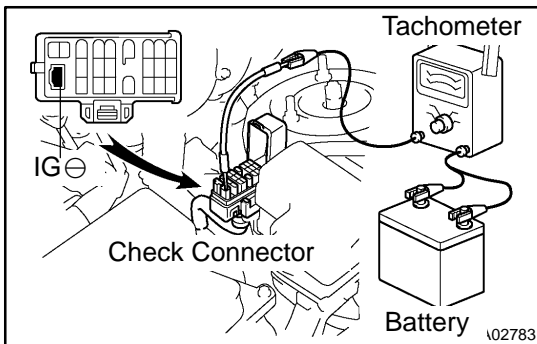
3. When using LEXUS hand-held tester or OBDII scan tool:

INSPECT IGNITION TIMING

- (a) Connect a LEXUS hand-held tester or OBDII scan tool to the DLC3.
- (b) Please refer to the LEXUS hand-held tester or OBDII scan tool operator's manual for further details.
- (c) Start the engine at idle.
- (d) Check the ignition timing.

**Ignition timing: 8 – 12° BTDC @ idle
(Transmission in neutral position)**

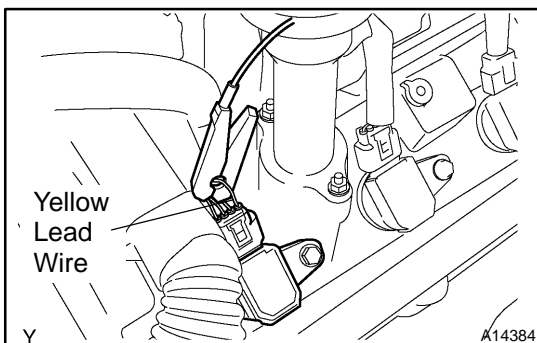
- (e) Disconnect a LEXUS hand-held tester or OBDII scan tool from the DLC3.



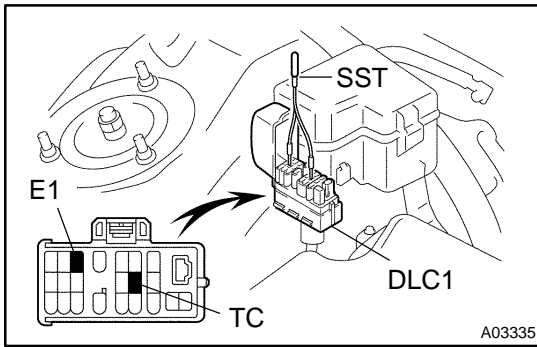
4. When not using LEXUS hand-held tester or OBDII scan tool:

INSPECT IGNITION TIMING

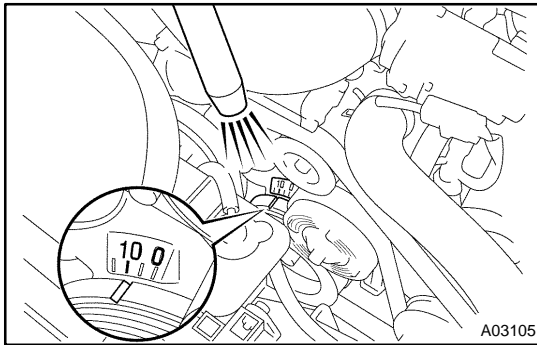
- (a) Connect tachometer test probe to terminal IG \ominus of the check connector.



- (b) Connect the tester probe of a timing light to the yellow lead wire of the ignition coil connector for No.1 cylinder.



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



- (d) Start the engine at idle.
(e) Check the ignition timing.
**Ignition timing: 8 – 12° BTDC @ idle
(Transmission in neutral position)**
(f) Remove the SST from the DLC1.
SST 09843-18020
(g) Remove the timing light from the engine.
(h) Remove the tachometer.
5. REINSTALL V-BANK COVER