

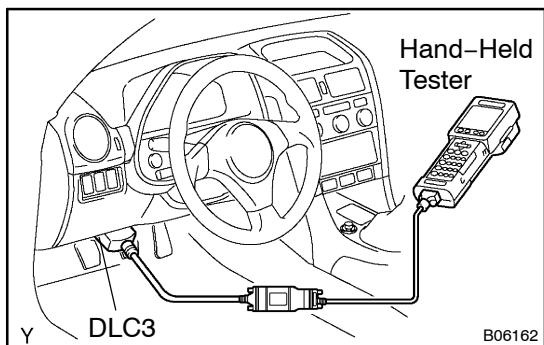
IGNITION TIMING INSPECTION

EM117-01

1. REMOVE AIR CLEANER INLET

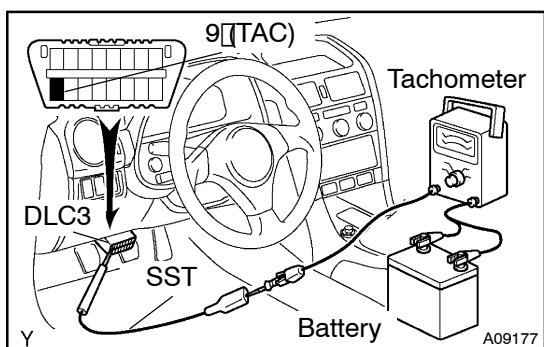
2. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.



3. CONNECT HAND-HELD TESTER

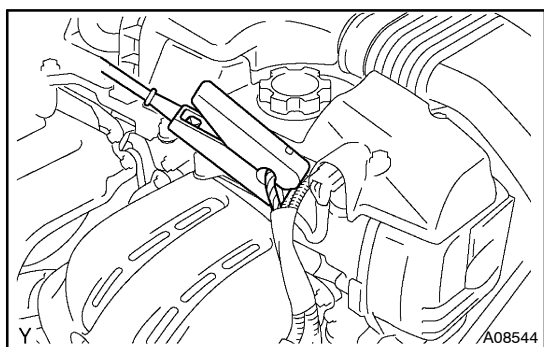
- Connect a hand-held tester to the DLC3.
- Please refer to the hand-held tester operator's manual for further details.



If you have no hand-held tester, connect a tachometer tester probe to terminal 9 (TAC) of the DLC3 with SST.

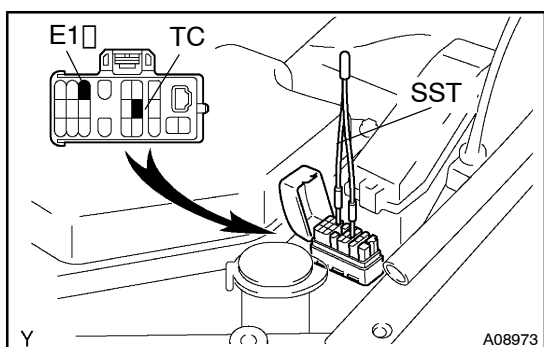
SST 09843-18030

4. CHECK IDLE SPEED (See page EM-17)



5. CONNECT TIMING LIGHT TO ENGINE

Connect the tester clip of the timing light to the wire harness as shown in the illustration.



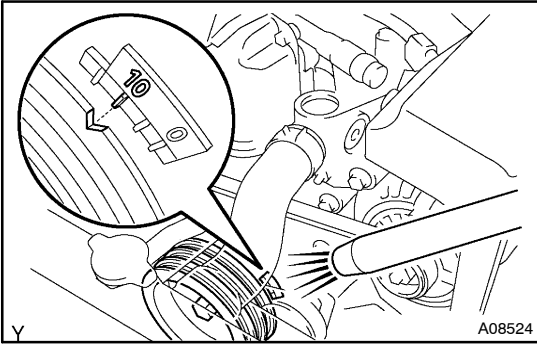
6. INSPECT IGNITION TIMING

- Using SST, connect terminals TC and E1 of the check connector.

SST 09843-18020

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
(Transmission in neutral position)

(c) Remove the SST from the check connector.
SST 09843-18020

7. FURTHER CHECK IGNITION TIMING
Ignition timing: 9 – 13° BTDC @ idle
(Transmission in neutral position)

HINT:

The timing mark moves in a range between 9° and 13°.

8. DISCONNECT TIMING LIGHT FROM ENGINE

9. DISCONNECT HAND-HELD TESTER

10. REINSTALL AIR CLEANER INLET