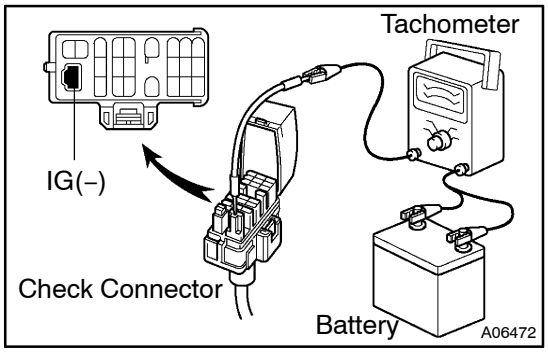
IGNITION TIMING

EM01F–07

INSPECTION

1. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.



2. CONNECT TACHOMETER AND TIMING LIGHT TO ENGINE

Connect the test probe of tachometer to terminal IG(–) of the check connector.

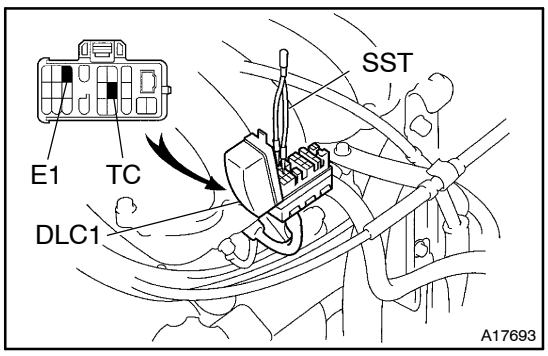
NOTICE:

- **Never allow the tachometer terminal to touch ground as it could result in damage to the igniter and/or ignition coil.**
- **As some tachometers are not compatible with this ignition system, we recommend that you confirm the compatibility of your unit before use.**

3. CHECK IDLE SPEED

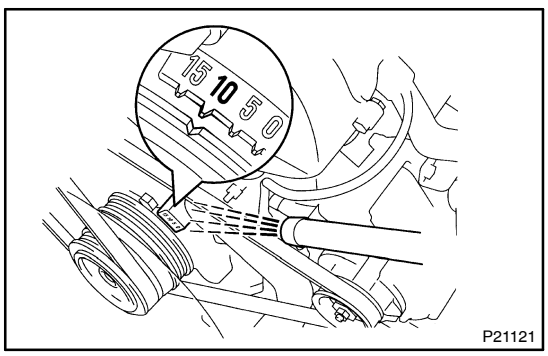
(a) Race the engine speed at 1,000 rpm for approx. 5 seconds.

(b) Check the idle speed.
Idle speed: 700 ± 50 rpm
(Transmission in neutral position and A/C OFF)



4. INSPECT IGNITION TIMING

(a) Using SST, connect terminals TC 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

5. FURTHER CHECK IGNITION TIMING
Ignition timing: 8 – 24˚ BTDC @ idle
(Transmission in neutral position)

HINT:

The timing mark moves in a range between 8˚ and 24˚.

6. DISCONNECT TACHOMETER AND TIMING LIGHT