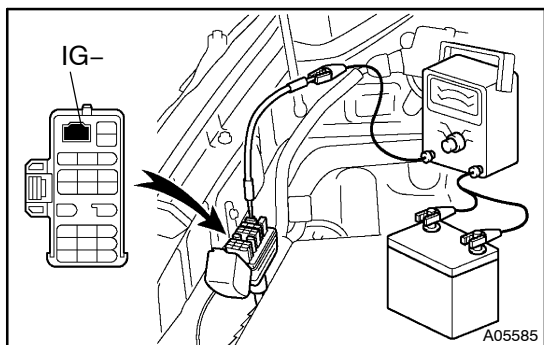


IGNITION TIMING INSPECTION

EM07I-01

1. **REMOVE BATTERY CLAMP COVER**
2. **WARM UP ENGINE**

Allow the engine to warm up to normal operating temperature.

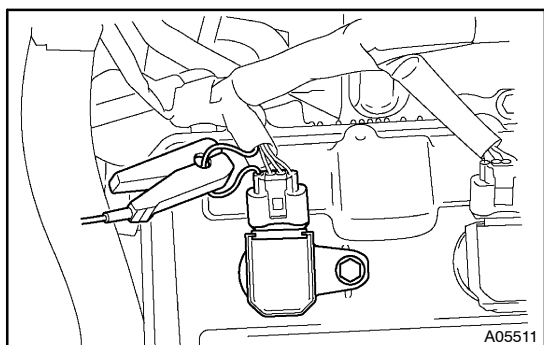


3. CONNECT TACHOMETER TO ENGINE

Connect the tester probe of a 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 ignition coil.**
- **As some tachometers are not compatible with this ignition system, we recommend that you confirm the compatibility of your unit before use.**



4. CONNECT TIMING LIGHT TO ENGINE

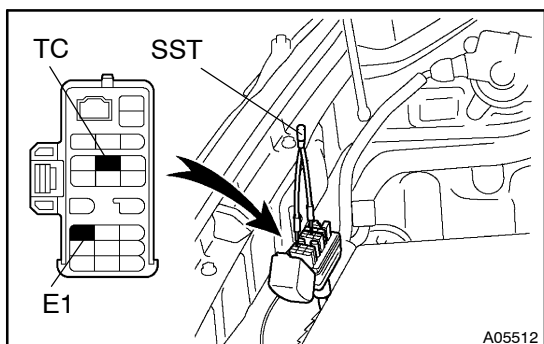
Connect the tester probe of a timing light to the wire of the ignition coil connector for No.1 cylinder.

5. CHECK IDLE SPEED

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

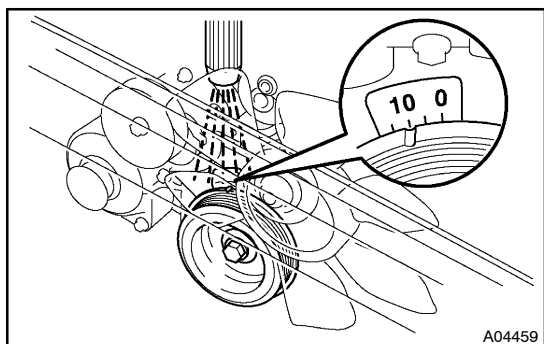
Idle speed:

700 ± 50 rpm



6. INSPECT IGNITION TIMING

- (a) Using SST, connect terminals TC and E1 of the check connector.
SST 09843-18020



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

Ignition timing:

5 – 15° BTDC @ idle

(Transmission in neutral position)

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

- 7. DISCONNECT TIMING LIGHT FROM ENGINE**
- 8. DISCONNECT TACHOMETER FROM ENGINE**
- 9. REINSTALL BATTERY CLAMP COVER**