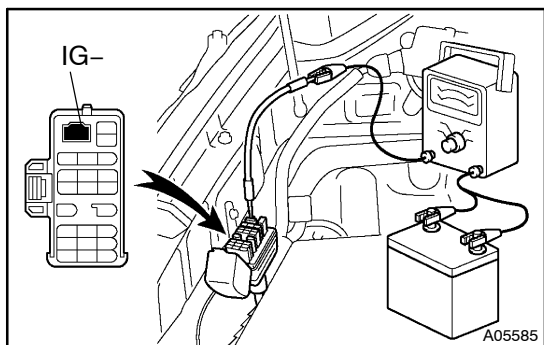


IGNITION TIMING INSPECTION

EM07I-01

1. REMOVE BATTERY CLAMP COVER
2. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.

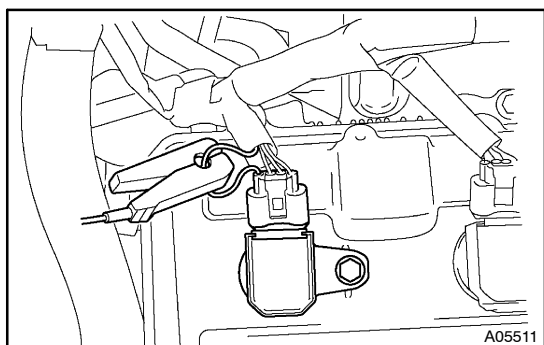


3. CONNECT TACHOMETER TO ENGINE

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 until before use.



4. CONNECT TIMING LIGHT TO ENGINE

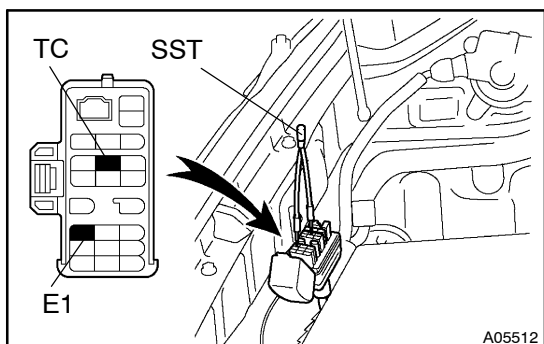
Connect the tester probe of a timing light to the wire of the ignition coil connector for No.1 cylinder.

5. CHECK IDLE SPEED

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

Idle speed:

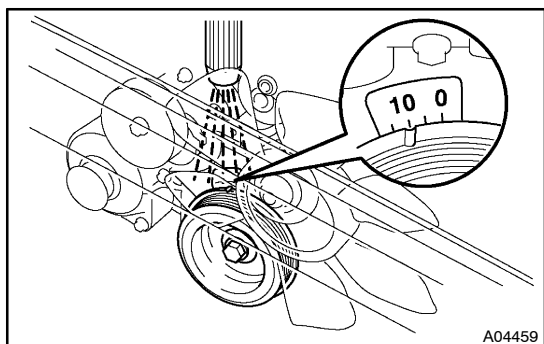
700 ± 50 rpm



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.

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