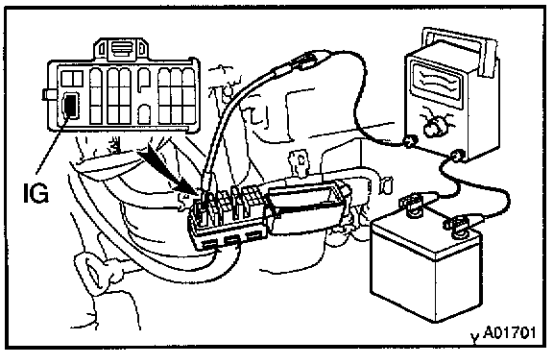


IGNITION TIMING (1RZ–E)

EM06T–01

INSPECTION

1. WARM UP ENGINE

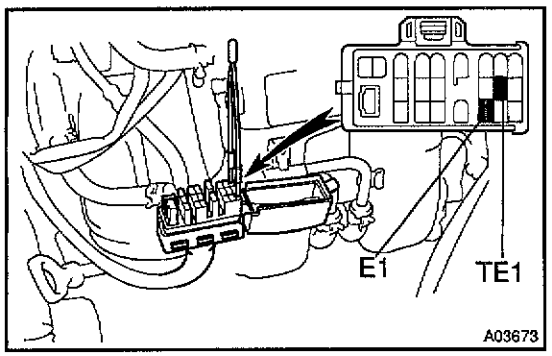
Allow the engine to warm up to normal operating temperature.

2. CONNECT TACHOMETER AND TIMING LIGHT TO ENGINE

(a) Connect the tester probe of a tachometer to terminal IG⊖ of the check connecter.

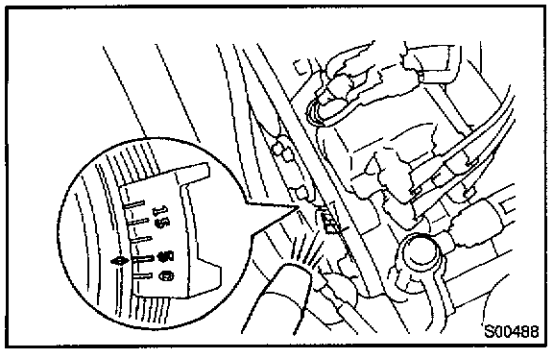
NOTICE:

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.

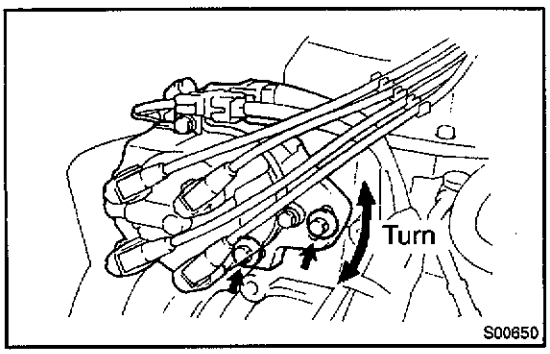


3. INSPECT AND ADJUST IGNITION TIMING

(a) Using SST, connect terminals TE1 and E1 of the check connecter.
SST 09843–18020



(b) Using a timing light, check the ignition timing.
Ignition timing:
5° BTDC @ idle



(c) Loosen the 2 bolt, and adjust by turning the IIA

(d) Tighten the 2 bolts, and recheck the ignition timing.
Torque:20 N·m (200 kgf·cm, 14 ft·lbf)
Remove the SST from the check connector.
SST 09843–18020

4. FURTHER CHECK IGNITION TIMING

Ignition timing:

7° – 17° BTDC @ idle

HINT:

The timing mark moves in range between 7° and 17°

5. DISCONNECT TACHOMETER AND TIMING LIGHT FROM ENGINE