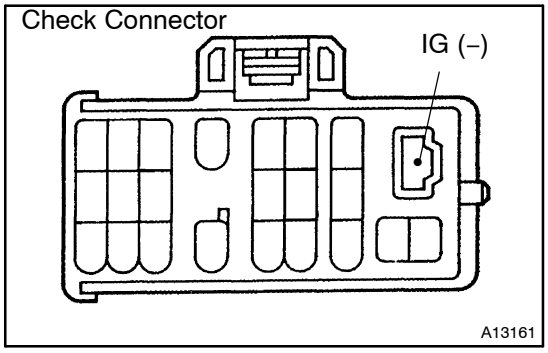
IGNITION TIMING

EM1AM–02

INSPECTION

1. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.



2. CONNECT TACHOMETER

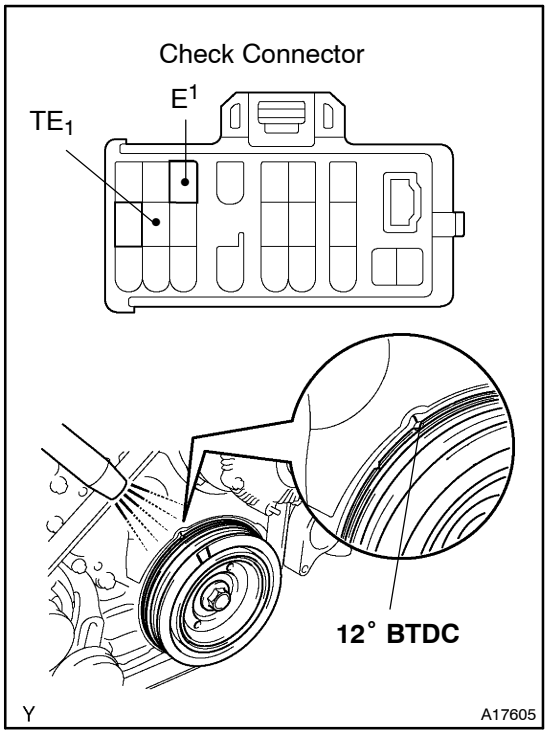
Connect the test probe of the tachometer to terminal IG(–) of the check connector.

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. CONNECT TIMING LIGHT TO ENGINE

Connect the tester probe of a timing light to the No. 1 high–tension cord.



4. INSPECT IGNITION TIMING

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

(b) Using a timing light, check the ignition timing.
Ignition timing:
12±2° BTDC @ idle
(Transmission in neutral position)

If necessary, loosen the distributor bolt and turn the distributor to align the marks. Recheck the timing after tightening the distributor bolt.
Torque: 18.5 N·m (189 kgf·cm, 14 ft·lbf)

(c) Remove the SST from the check connector, and check the ignition timing.
Ignition timing:
12±5° BTDC @ idle
(Transmission in neutral position)

5. DISCONNECT TIMING LIGHT FROM ENGINE

6. DISCONNECT TACHOMETER FROM ENGINE