IGNITION TIMING INSPECTION

1. WARM UP ENGINE
Allow the engine to warm up to normal operating temperature.

2. CONNECT TOYOTA HAND-HELD TESTER OR OBD II SCAN TOOL
(a) Connect the TOYOTA hand-held tester or OBD II scan tool to the DLC3.
(b) Please refer to the TOYOTA hand-held tester or OBD II scan tool operator’s for further details.

3. CHECK IDLE SPEED (See page EM–10)

4. CONNECT TIMING LIGHT
Connect the tester probe of a timing light to the black–red service wire in the J/B No. 1 as shown in the illustration.

5. INSPECT IGNITION TIMING
(a) Using SST, connect terminals to TC and CG of the DLC3.
   SST 09843–18040
   HINT:
   After engine rpm is kept at 1,000 – 1,500 rpm for 5 seconds, check that it returns to idle speed.
(b) Using a timing light, check the ignition timing.
   Ignition timing: 8 – 12˚ BTDC @ idle
(c) Remove the SST from the DLC3.

6. FURTHER CHECK IGNITION TIMING
   Ignition timing: 6 – 15˚ BTDC @ idle
   HINT:
   The timing mark moves in a range between 6˚ and 15˚.

7. DISCONNECT TIMING LIGHT

8. DISCONNECT TOYOTA HAND-HELD TESTER OR OBD II SCAN TOOL