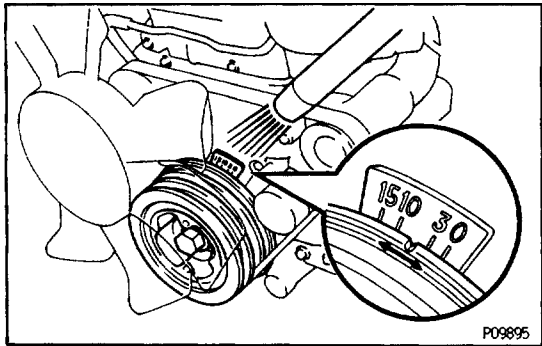


**6. FURTHER CHECK IGNITION TIMING****Ignition timing:****2 – 13° BTDC @ idle****(Transmission in neutral position and A/C OFF)****HINT:** The timing mark moves in a range between 2° and 13°.**7. DISCONNECT TIMING LIGHT FROM ENGINE****8. DISCONNECT TOYOTA HAND-HELD TESTER OR OBD II SCAN TOOL**

IDLE SPEED INSPECTION

1. INITIAL CONDITIONS

- (a) Engine at normal operating temperature
- (b) Air cleaner installed
- (c) All pipes and hoses of air induction system connected
- (d) All accessories switched OFF
- (e) All vacuum lines properly connected

HINT: All vacuum hoses for EGR system, etc. should be properly connected.

- (f) SFI system wiring connectors fully plugged
- (g) Ignition timing set correctly
- (h) Transmission in neutral position
- (i) Air conditioning switched OFF

2. CONNECT TOYOTA HAND-HELD TESTER OR OBD II SCAN TOOL**(See step 2 in ignition timing inspection and adjustment)****3. INSPECT IDLE SPEED**

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

Idle speed:**650 ± 50 rpm**

If the idle speed is not as specified, check the IAC valve.

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