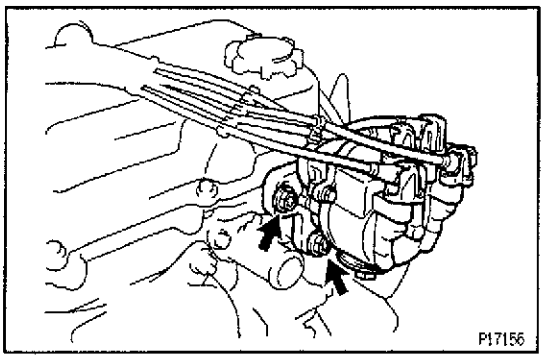


If necessary, loosen the distributor bolt and turn the distributor to align the marks. Recheck the timing after tightening the distributor bolt.
Torque: 19 N·m (195 kgf·cm, 14 ft·lbf)

(c) Reconnect the vacuum hose to the distributor.

EG

IDLE SPEED INSPECTION

EG74H-01

IDLE SPEED INSPECTION (3RZ–FE)

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 etc. should be properly connected.
(f) EFI system wiring connectors fully plugged
(g) Ignition timing check correctly
(h) Transmission in neutral position

2. CONNECT TACHOMETER TO ENGINE

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 – 750 rpm
If the idle speed is not as specified, check the ISC valve, intake air leakage and EFI system.

4. DISCONNECT TACHOMETER FROM ENGINE

IDLE SPEED INSPECTION AND ADJUSTMENT (3RZ–F)

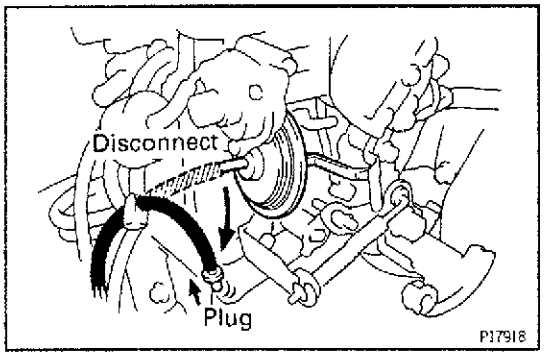
1. WARM UP ENGINE
Allow the engine to warm up to normal operating temperature.

2. CONNECT TACHOMETER
(See page EG–19)

3. INSPECT IDLE SPEED
Idle speed:
750 – 850 rpm
If not as specified, adjust according to the following procedure:

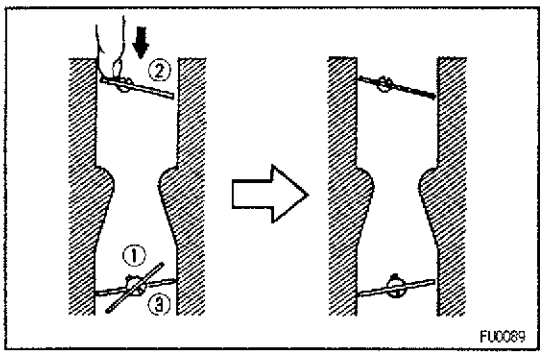
CAUTION:

- **Always use a CO meter when adjusting the idle mixture. It is not necessary to adjust with the idle mixture adjusting screw in most vehicles if they are in good condition.**
- **If a CO meter is not available and it is absolutely necessary to adjust with the idle mixture adjusting screw, use the alternative method (See page EG—8).**



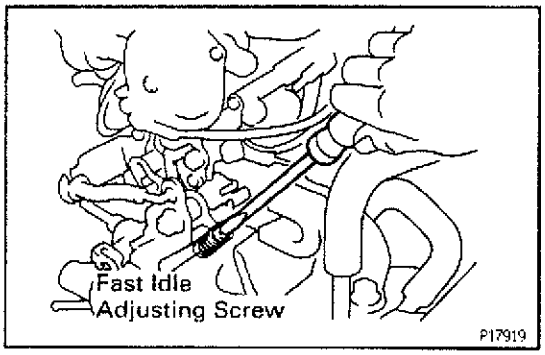
FAST IDLE SPEED INSPECTION AND ADJUSTMENT (3RZ—F)

1. **WARM UP AND STOP ENGINE**
2. **CONNECT TACHOMETER TO ENGINE**
3. **CUT OPERATION OF CHOKE OPENER (CO) SYSTEM**
   Disconnect the vacuum hose from the CO, and plug the hose end. This shuts off the CO.



4. **SET FAST IDLE CAM**

(a) Set the fast idle cam. While holding the throttle slightly open, push the choke valve closed, and hold it closed as you release the throttle valve.
(b) Check that the fast idle cam is in the 1st step.
(c) Start the engine, but do not touch the accelerator pedal.



5. **INSPECT AND ADJUST FAST IDLE SPEED**

(a) Check the fast idle speed.
Fast idle speed:
2,400 — 2,800 rpm
If the fast idle speed is not as specified, adjust the fast idle speed by turning the fast idle adjusting screw.
Fast idle speed:
2,600 rpm
(b) Lightly race the engine and release the throttle and recheck the idle speed.

6. **RECONNECT VACUUM HOSE TO CO**