



5. **REMOVE SST AND DIAL INDICATOR**
6. **w/ ACSD:**
REMOVE METAL PLATE
 - (a) Remove the SST and dial indicator.
SST 09275—54011
 - (b) Install a new gasket and the plug bolt of the distributive head plug.
Torque: 17 N·m (170 kgf·cm, 12 ft·lbf)
7. **START ENGINE AND CHECK FOR FUEL LEAKS**

IDLE SPEED AND MAXIMUM SPEED INSPECTION AND ADJUSTMENT

EG7A8-01

1. INITIAL CONDITIONS

- (a) Engine at normal operating temperature
- (b) Air cleaner installed
- (c) All accessories switched OFF
- (d) All vacuum lines properly connected
- (e) Valve clearance set correctly
- (f) Injection timing set correctly
- (g) Transmission in neutral position
- (h) **w/ PS:**
Steering wheel at straight-ahead position

2. CONNECT TACHOMETER

3. INSPECT AND ADJUST IDLE SPEED

- (a) Check that the adjusting lever touches the idle speed adjusting screw when the accelerator pedal is released.

If not, adjust the accelerator linkage.

- (b) Start the engine.
- (c) Check the idle speed.

Idle speed:

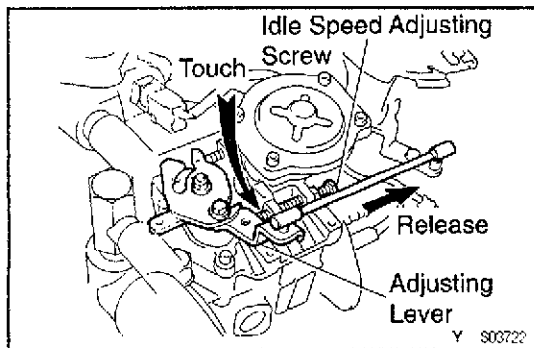
M/T

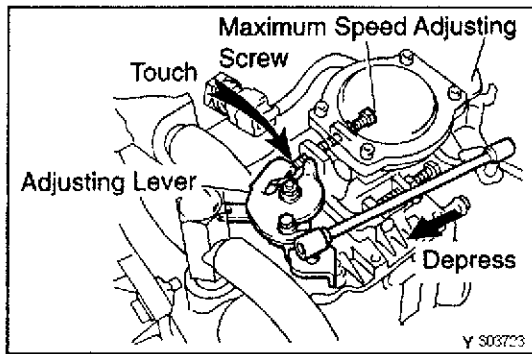
650 — 750 rpm

A/T

750 — 850 rpm

- (d) Adjust the idle speed.
 - Disconnect the accelerator linkage.
 - Loosen the lock nut of the idle speed adjusting screw.
 - Adjust the idle speed by turning the idle speed adjusting screw.
 - Securely tighten the lock nut, and recheck the idle speed.
 - Reconnect the accelerator linkage.
 - After adjustment, adjust the accelerator linkage.





4. INSPECT AND ADJUST MAXIMUM SPEED

- (a) Check that the adjusting lever touches the maximum speed adjusting screw when the accelerator pedal is depressed all the way.

If not, adjust the accelerator linkage.

- (b) Start the engine.
- (c) Depress the accelerator pedal all the way.
- (d) Check the maximum speed.

Maximum speed:

2L (Europe, Israel and Ukraine)

5,020 — 5,280 rpm

2L (Hong Kong, Singapore, Malaysia and LY General)

4,570 — 4,830 rpm

2L (Others)

4,770 — 5,030 rpm

3L (Europe)

4,670 — 4,930 rpm

3L (Hong Kong, Singapore, Malaysia and LY General)

4,270 — 4,530 rpm

3L (Others)

4,470 — 4,730 rpm

- (e) Adjust the idle speed.

- Disconnect the accelerator linkage.
- Cut off the seal wire of the maximum speed adjusting screw.

- w/ HAC:

Using SST, loosen the lock nut of the maximum speed adjusting screw.

SST 09275—54020

- w/o HAC:

Loosen the lock nut of the maximum speed adjusting screw.

- Adjust the maximum speed by turning the maximum speed adjusting screw.

HINT: Adjust at idle speed. Then, raise engine speed and recheck the maximum speed.

- w/ HAC:

Using SST, securely tighten the lock nut.

SST 09275—54020

- w/o HAC:

Securely tighten the lock nut.

- Recheck the maximum speed.
- Reconnect the accelerator linkage.
- After adjustment, adjust the accelerator linkage.
- Seal the maximum speed adjusting screw with a new seal wire.

