EG

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)

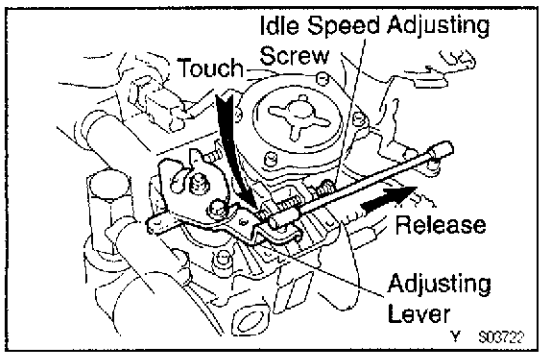
7. START ENGINE AND CHECK FOR FUEL LEAKS

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

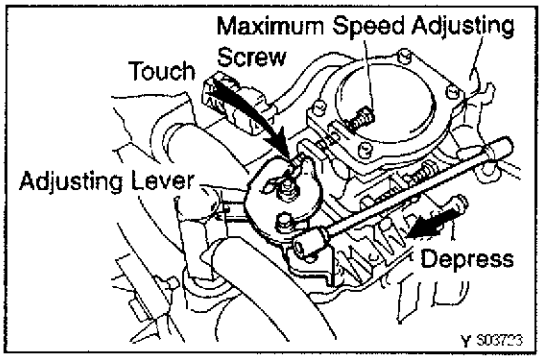
3. INSPECT AND ADJUST IDLE SPEED

(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 Ukraina)
5,020 — 5,280 rpm

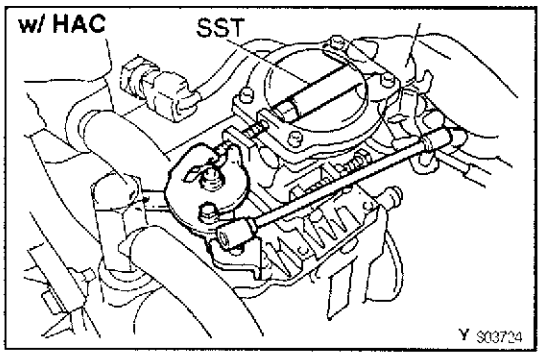
2L (Hong Kong, Singapore, Malaysia and LY General)
4,570 — 4,830 rpm

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.

