



## Idle Speed/Mixture

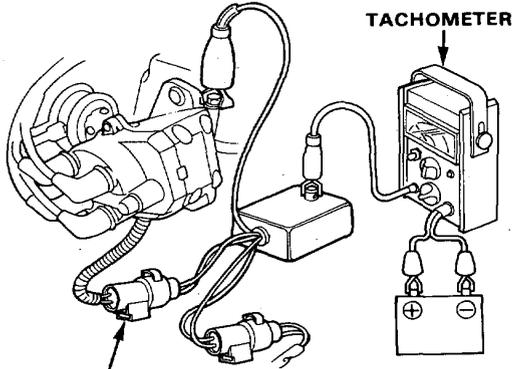
### NOTE:

- Ignition timing and valve clearance must be correct, and engine must be normal operating temperature; the cooling fan will come on.
- Snap the accelerator pedal several times and check the idle speed with the accelerator pedal fully returned.
- Check the clutch pedal (section 7) before making idle speed and mixture inspections.

**⚠ WARNING** Do not smoke during this procedure. Keep any open flame away from your work area.

### CO Meter Method

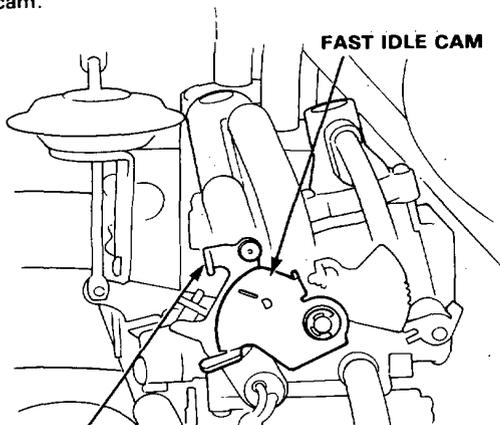
1. Warm up and calibrate the NDIR CO Meter in accordance with the manufacturer's recommended procedures.
2. Insert exhaust gas sampling probe into the tail pipe at least 40 cm and connect a tachometer.



R.P.M. CONNECTING ADAPTOR  
07JAZ-SH20100

3. (1.6 l Engine)  
Check the fast idle lever.

Fast idle lever should not be seated against fast idle cam.



FAST IDLE LEVER

- If the fast idle lever is against the fast idle cam, replace the fast idle cam (page 6-19).

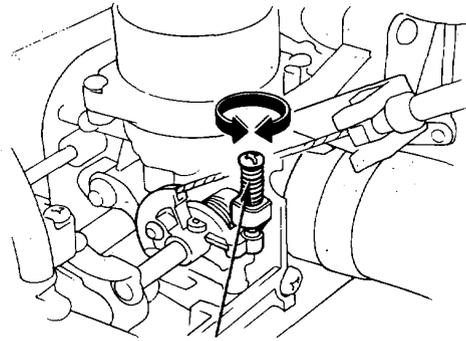
4. Check the idle speed with no load.

Idle speed should be:

Manual	750 ± 50 min <sup>-1</sup> (rpm)
Automatic	700 ± 50 min <sup>-1</sup> (rpm) (N or P)

5. If not within specification, adjust by turning throttle stop screw to obtain proper idle speed.

If idle speed cannot be adjusted properly, check for proper throttle cable adjustment.

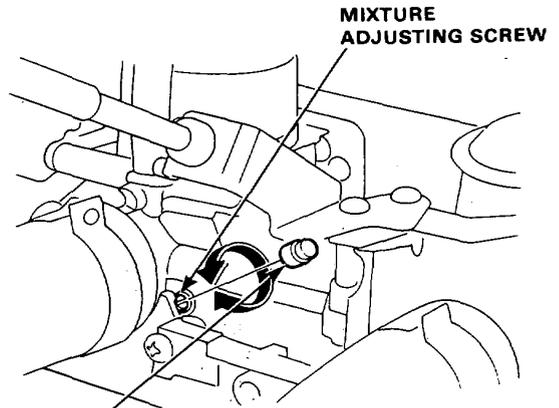


THROTTLE  
STOP SCREW

6. Check specification for idle CO with no load.

Specified CO %: below 1.0 %

7. If not within specification, remove mixture adjusting screw hole plugs and adjust by turning mixture adjusting screws to obtain proper CO reading.



HOLE CAP

Turning both mixture adjusting screws.  
clockwise: CO reading decreases  
counterclockwise: CO reading increases

- Readjust idle speed if necessary, and recheck idle CO.

(cont'd)