

Carburetor

Idle Speed/Mixture

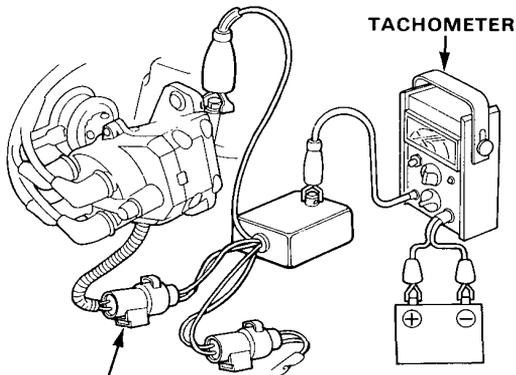
NOTE:

- 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 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

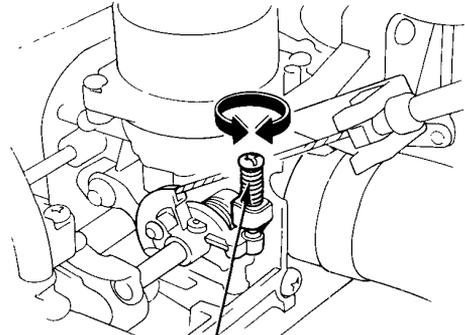
3. Check the idle speed with no load.

Idle speed should be:

Manual	$750 \pm 50 \text{ min}^{-1} \text{ (rpm)}$
Automatic	$700 \pm 50 \text{ min}^{-1} \text{ (rpm)}$

4. 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.

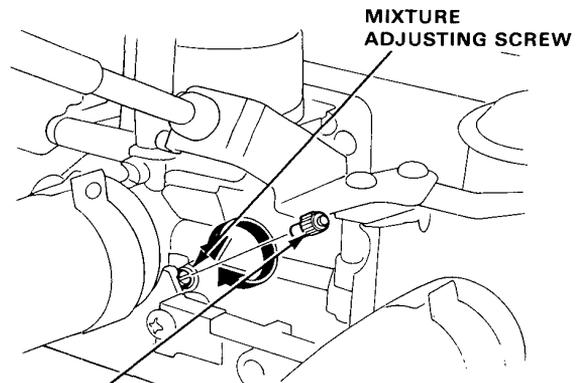


THROTTLE
STOP SCREW

5. Check specification for idle CO with no load.

Specified CO %: below 0.1 %

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



HOLE CAP

Turning mixture adjusting screw
clockwise: CO reading decreases
counterclockwise: CO reading increases

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



7. Install the hole plug.

If unable to obtain a CO reading of specified % by this procedure, check the engine turn-up condition.

8. If equipped with air conditioner, check the idle speed with the A/C on.

Idle speed should be: $750 \pm 50 \text{ min}^{-1}$ (rpm)

If not, adjust the idle speed by turning the adjusting screw.

