

FUEL SYSTEM

If clearance is not within the specified range, adjust by carefully bending the secondary carburetor crank tip.

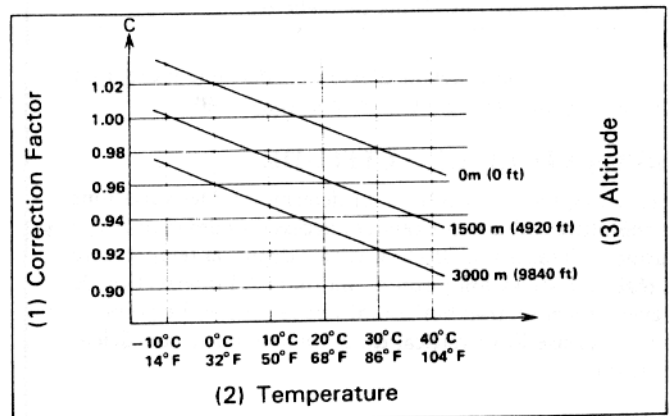
NOTE

- Reduce clearance by inserting a screwdriver in the slot behind the crank tip and twisting the screwdriver against the crank tip.
- Increase clearance by using pliers to squeeze the crank tip against the post that is located behind the crank tip.

Reinstall the seat and fuel tank. Start the engine and readjust the idle speed (Page 3-9).

TEMPERATURE AND ALTITUDE

Use the chart at right to determine if carburetor adjustments are necessary because of changes in temperature and altitude. Draw a line straight up from your temperature to your altitude. Where those lines intersect, draw a horizontal line straight to the left. Where that line meets the left edge of the chart is your correction factor.



To adjust the main jet size, multiply the standard main jet size by your correction factor.

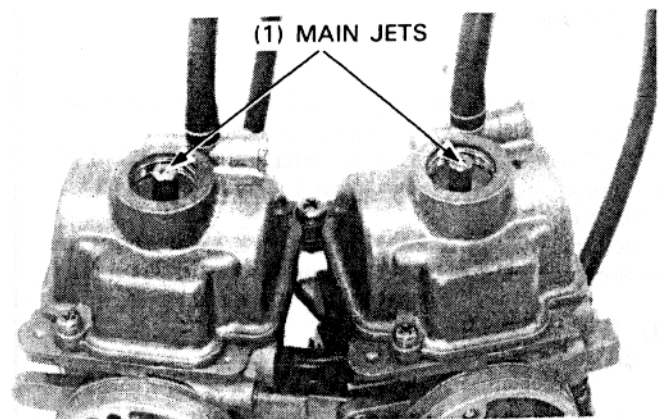
If the correction factor is 0.95, or below, raise the jet needle clip by one position and turn in the air screw 1/2 turn.

If the correction factor is above 0.94, adjustments to the jet needle and air screw are not necessary.

For example:

At a temperature of 30°C (86°F) and an altitude of 3,000 m (9480 ft), carburetor recommendations are as follows:

- Main jet
 $122 \times 0.92 = 112$
- Jet needle
4th groove from top minus 1 = 3rd groove from top
- Air screw opening
 $1\frac{1}{2} - 1\frac{1}{2} = 1$ 1 turn out



Standard Carburetor Setting

	Primary	Secondary
Mainjet	#122	#122
Jet needle setting	4th groove	2nd groove
Air screw opening	1-3/8 turn out	—