

# Carburetor Adjustments & Tuning Tips

To assemble, reverse the disassembly procedures.  
To install the carburetor, reverse the removal procedures.

Tighten the following parts to the specified torque.

float bowl screws:

2.1 N·m (0.2 kgf·m, 1.5 lbf·ft)

accelerator pump cover screws:

2.1 N·m (0.2 kgf·m, 1.5 lbf·ft)

carburetor top screws:

2.1 N·m (0.2 kgf·m, 1.5 lbf·ft)

jet needle/holder assembly:

2.1 N·m (0.2 kgf·m, 1.5 lbf·ft)

link arm torx screw:

2.1 N·m (0.2 kgf·m, 1.5 lbf·ft)

throttle drum cover bolt:

3.4 N·m (0.3 kgf·m, 2.5 lbf·ft)

hot start cable nut:

2.1 N·m (0.2 kgf·m, 1.5 lbf·ft)

throttle cable lock nut:

4.0 N·m (0.4 kgf·m, 3.0 lbf·ft)

leak jet:

0.3 N·m (0.03 kgf·m, 0.2 lbf·ft)

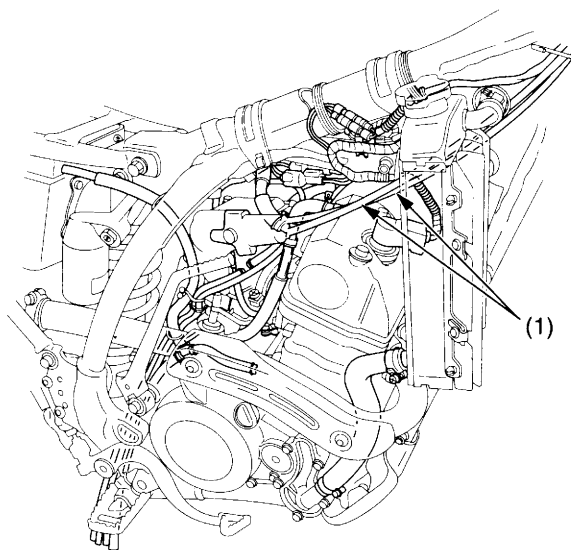
main jet:

1.5 N·m (0.2 kgf·m, 1.1 lbf·ft)

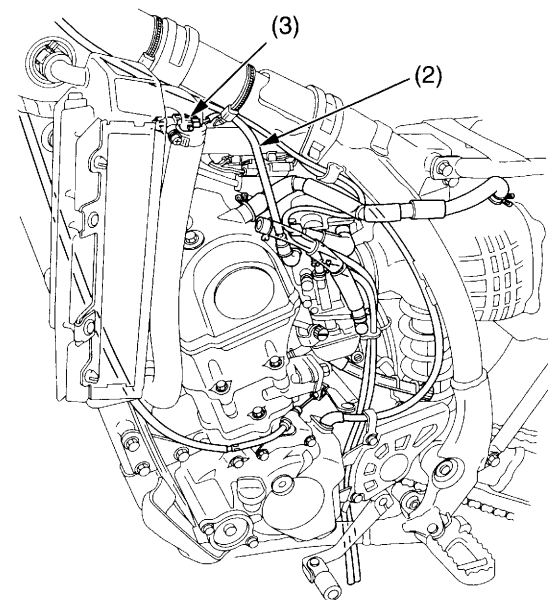
slow jet:

1.5 N·m (0.2 kgf·m, 1.1 lbf·ft)

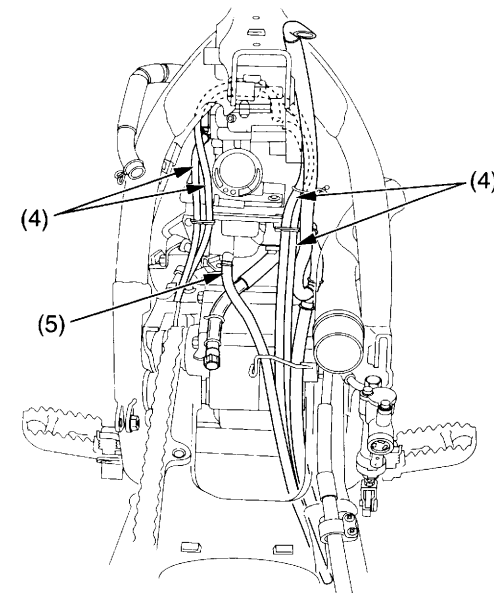
- Route the throttle cables (1), hot start cable (2) and throttle position sensor wire correctly.
- After installing the carburetor, adjust the throttle grip freeplay and hot start lever freeplay.
- After installing the carburetor, check the throttle position sensor connector (3) for correct routing.
- After installing the carburetor, check the air vent hoses (4) and overflow hose (5) for kinking or pinching and correct routing.
- Check that the U-ring and O-ring are in good condition. Replace them if necessary.



(1) throttle cables



(2) hot start cable  
(3) throttle position sensor connector



(4) air vent hoses  
(5) overflow hose