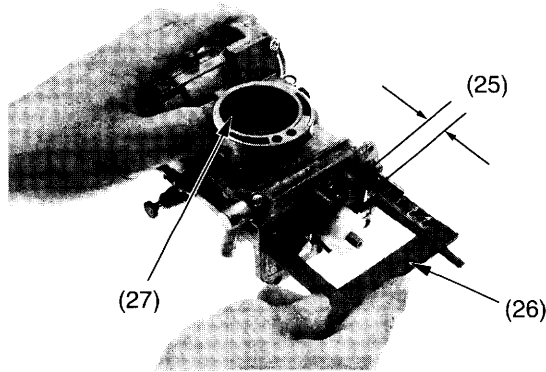
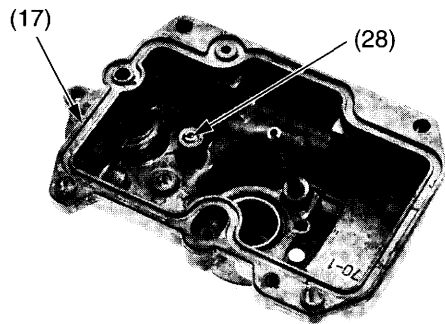


9. Measure the float level (25) with the float level gauge (26) while the float tab is just contacting the float valve with the carburetor intake (27) facing up. The float level should be 0.31 in (8.0 mm).  
If the float level is out of specification, adjust it by bending the float tab carefully.



(25) float level  
(26) float level gauge  
(27) carburetor intake

10. Remove the leak jet (28) from the float bowl (17).  
Clean the leak jet.



(17) float bowl (28) leak jet

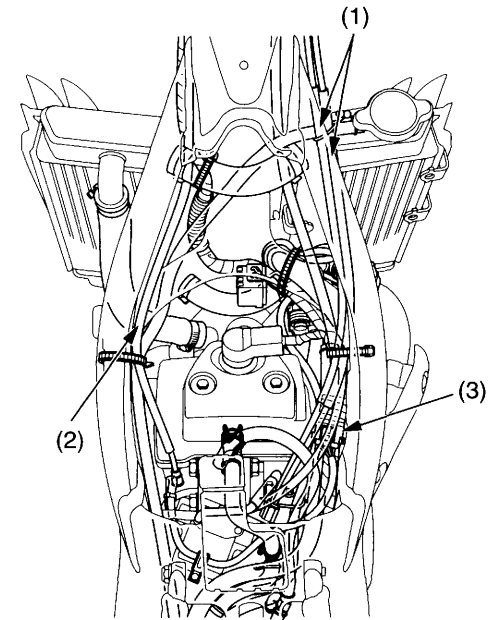
## Carburetor Assembly

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:  
1.5 lbf-ft (2.1 N·m, 0.2 kgf·m)
- accelerator pump cover screws:  
1.5 lbf-ft (2.1 N·m, 0.2 kgf·m)
- carburetor top cover bolts:  
1.5 lbf-ft (2.1 N·m, 0.2 kgf·m)
- jet needle/holder assembly:  
1.5 lbf-ft (2.1 N·m, 0.2 kgf·m)
- leak jet:  
0.2 lbf-ft (0.3 N·m, 0.03 kgf·m)
- rink arm set torx screw:  
1.5 lbf-ft (2.1 N·m, 0.2 kgf·m)
- throttle drum cover bolt:  
2.5 lbf-ft (3.4 N·m, 0.3 kgf·m)
- hot start cable nut:  
1.5 lbf-ft (2.1 N·m, 0.2 kgf·m)
- throttle cable lock nut:  
3.0 lbf-ft (4 N·m, 0.4 kgf·m)
- throttle cable bolt:  
3.0 lbf-ft (4 N·m, 0.4 kgf·m)
- shock absorber upper mounting nut:  
32 lbf-ft (44 N·m, 4.5 kgf·m)

- Route the throttle cables (1), hot start cable (2) and throttle sensor wire correctly.
- After installing the carburetor, adjust the throttle cable freeplay and hot start cable 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.



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