

NOTE

- Vacuum chambers, float chambers and jets can be serviced without separating the carburetor.
- Keep the carburetor parts separate from the other carburetor's to install the parts to the original positions.

Requisite Service

- Carburetor separation (page 6-6)
- Carburetor combination (page 6-10)

Procedure	Q'ty	Remarks
<p><b>Disassembly Order</b></p> <p><b>Vacuum chamber disassembly</b></p> <p>(1) Vacuum chamber cover screws</p> <p>(2) Vacuum chamber cover</p> <p>(3) Diaphragm spring</p> <p>(4) Diaphragm/Vacuum piston</p> <p>(5) Jet needle holder</p> <p>(6) O-ring</p> <p>(7) Jet needle holder spring</p> <p>(8) Jet needle</p> <p>(9) Washer</p>	<p>3</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>Assembly is in the reverse order of disassembly.</p> <p>When installing, be careful not to bend the spring.</p> <p>When installing, align the tab of the diaphragm with the cut out in the carburetor body.</p>
<p><b>Float chamber disassembly</b></p> <p>(10) Float chamber cover screws</p> <p>(11) Float chamber</p> <p>(12) O-ring</p> <p>(13) Float pin</p> <p>(14) Float</p> <p>(15) Float valve</p> <p>(16) Main jet</p> <p>(17) Needle jet holder</p> <p>(18) Slow jet</p> <p>(19) Pilot screw</p> <p>(20) Spring</p> <p>(21) Washer</p> <p>(22) O-ring</p>	<p>3</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	<p>Refer to page 1-6 for number of turning out.</p>
<p><b>Bystarter valve disassembly</b></p> <p>(23) Valve nut</p> <p>(24) Spring</p> <p>(25) Bystarter valve</p>	<p>1</p> <p>1</p> <p>1</p>	

Jet Needle Holder Removal/Installation

Remove the vacuum piston.  
Screw a proper 4 mm threads screw in the jet needle holder as shown and pull out the jet needle holder with a pliers.

NOTE

- Be careful not damage the diaphragm.
- Do not remove the jet needle holder by pushing in the jet needle.

Install the jet needle holder in the reverse order of removal.

NOTE

- Push the jet needle holder in until the O-ring on the holder seats completely in the groove in the vacuum piston.

