

**CAUTION**

- Damage to the pilot screw seat will occur if the pilot screw is tightened against the seat.

**NOTE**

- The vacuum chamber and float chamber can be serviced with the carburetors assembled.
- The pilot screws are factory pre-set and should not be removed unless the carburetors are overhauled. Turn each pilot screw in and carefully count the number of turns before it seats lightly. Make a note of this to use as a reference when reinstalling the pilot screws. If new pilot screws are installed, turn pilot screws out to the initial opening (page 6-21).

**Requisite Service**

- Fuel tank removal/installation (page 2-22)
- Air cleaner housing removal/installation (page 6-3)
- Carburetor removal/installation (page 6-4)
- Carburetor separation/combination (page 6-8)
- Carburetor synchronization (page 3-11)

Procedure		Q'ty	Remarks
<b>Disassembly Order</b>			• Assembly is in the reverse order of disassembly.
<b>Vacuum Chamber</b>			
(1)	Vacuum chamber cover screws	4	At installation, first tighten the two screws on the dowel pin side.
(2)	Vacuum chamber cover	1	
(3)	Spring	1	
(4)	Diaphragm/vacuum piston	1	
(5)	Jet needle holder	1	Turn the holder 90°counterclockwise while pushing it in and remove it.
(6)	Spring	1	
(7)	Spring holder	1	At installation, align holder claws with piston grooves.
(8)	Jet needle	1	
(9)	Washer	1	
<b>Float Chamber</b>			
(10)	Float chamber cover screws	4	At installation, first tighten the two screws on the dowel pin side.
(11)	Float pin	1	
(12)	Float	1	For float level inspection, refer to the section 8 of the Common Service Manual.
(13)	Float valve	1	
(14)	Valve seat	1	
(15)	Sealing washer	1	
(16)	Fuel filter	1	
(17)	Main jet	1	
(18)	Needle jet	1	
(19)	Slow jet	1	
<b>Starting Enrichment (SE) Valve</b>			
(20)	Valve nut	1	
(21)	Spring	1	
(22)	SE valve	1	
<b>Pilot Screw</b>			
(23)	Pilot screw	1	
(24)	Spring	1	
(25)	Washer	1	
(26)	O-ring	1	
<b>Air cut off valve</b>			
(27)	Air cut off valve cover	1	
(28)	Spring	1	
(29)	O-ring	1	Install with the flat side facing carburetor.
(30)	Diaphragm	1	Be careful not to pinch with the cut off valve cover.