

## 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.
- Before disassembling the carburetors, 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 screws. If new pilot screws are installed, turn each one out to the initial opening (page 1-6).

## Requisite Service

- Carburetor removal/installation (page 5-4)
- Carburetor separation (page 5-6)

| Procedure                                |                            | Q'ty | Remarks   |
|--|----------------------------|------|---|
| <b>Vacuum Chamber Disassembly Order</b>  |                            |      | Assembly is in the reverse order of disassembly.  |
| (1)                                      | Vacuum chamber cover screw | 4    | NOTE<br>• At installation, hold the piston up to align the diaphragm and to avoid pinching it with the cover. |
| (2)                                      | Vacuum chamber cover       | 1    |   |
| (3)                                      | Spring                     | 1    |   |
| (4)                                      | Diaphragm/vacuum piston    | 1    |   |
| (5)                                      | Jet needle holder          | 1    |   |
| (6)                                      | Spring                     | 1    |   |
| (7)                                      | Jet needle                 | 1    |   |
| <b>Float Chamber Disassembly Order</b>   |                            |      | Assembly is in the reverse order of disassembly.  |
| (8)                                      | Float chamber cover screw  | 4    | At installation, first tighten the two screws on the dowel pin side.  |
| (9)                                      | Float chamber              | 1    | For float level inspection, refer to section 8 of the Common Service Manual.                                  |
| (10)                                     | Float pin                  | 1    |   |
| (11)                                     | Float                      | 1    |   |
| (12)                                     | Float valve                | 1    |   |
| (13)                                     | Main jet                   | 1    |   |
| (14)                                     | Needle jet holder          | 1    |   |
| (15)                                     | Needle jet                 | 1    |   |
| (16)                                     | Slow jet                   | 1    |   |
| <b>Bystarter Valve Disassembly Order</b> |                            |      | Assembly is in the reverse order of disassembly.  |
| (17)                                     | Valve nut                  | 1    |   |
| (18)                                     | Spring                     | 1    |   |
| (19)                                     | Bystarter valve            | 1    |   |
| <b>Pilot Screw Disassembly Order</b>     |                            |      | Assembly is in the reverse order of disassembly.  |
| (20)                                     | Pilot screw                | 1    |   |
| (21)                                     | Spring                     | 1    |   |
| (22)                                     | Washer                     | 1    |   |
| (23)                                     | O-ring                     | 1    |   |