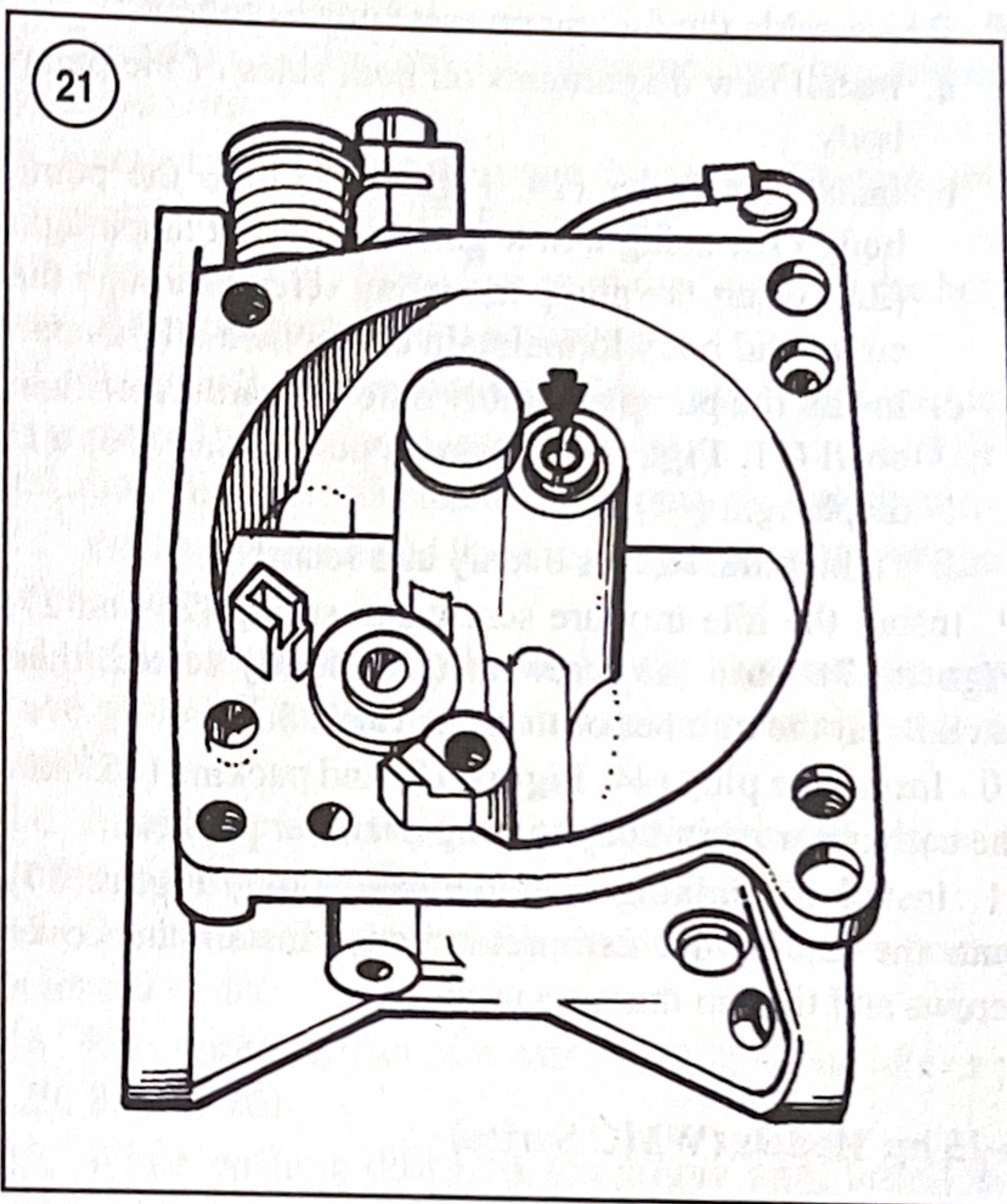
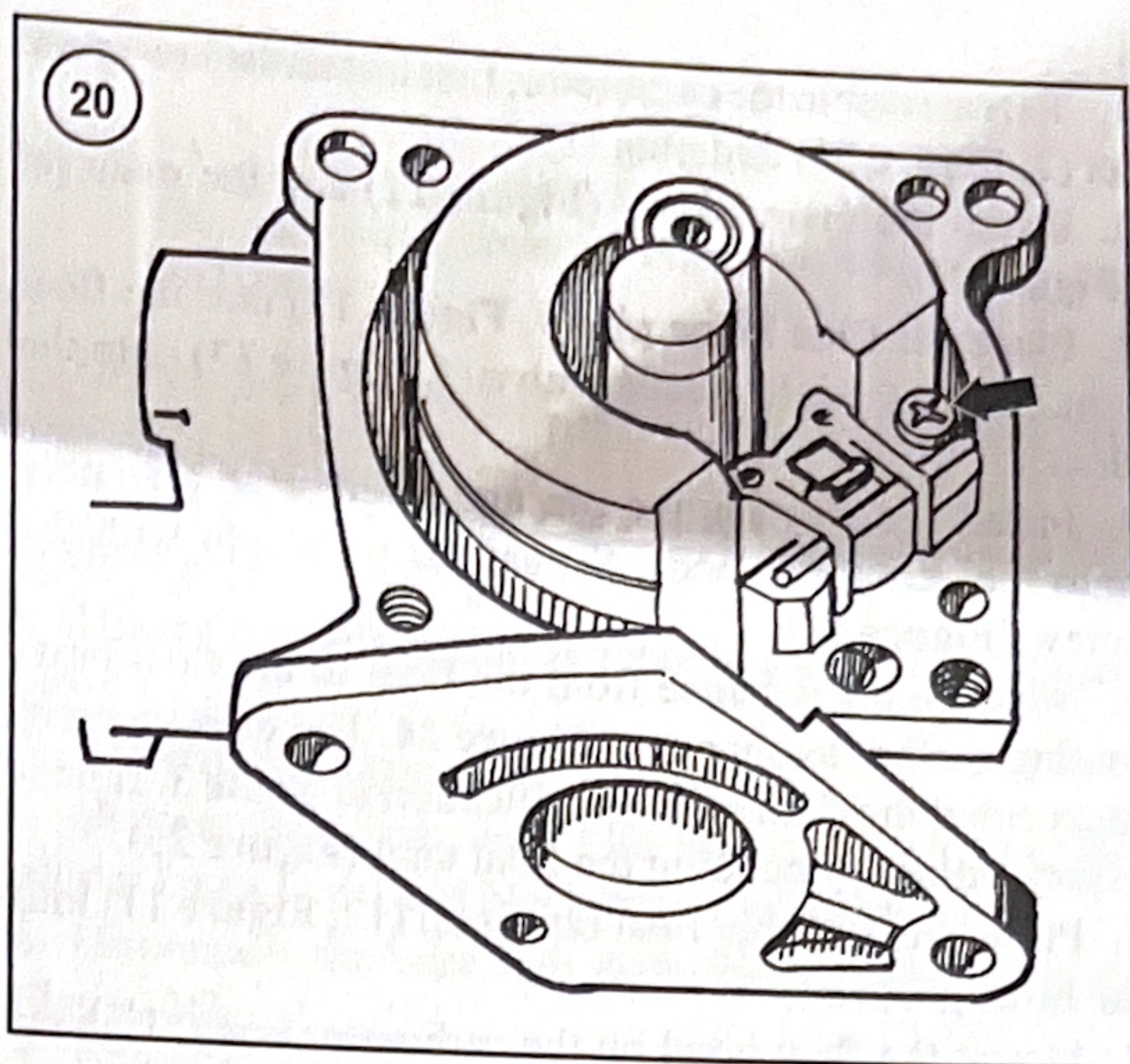
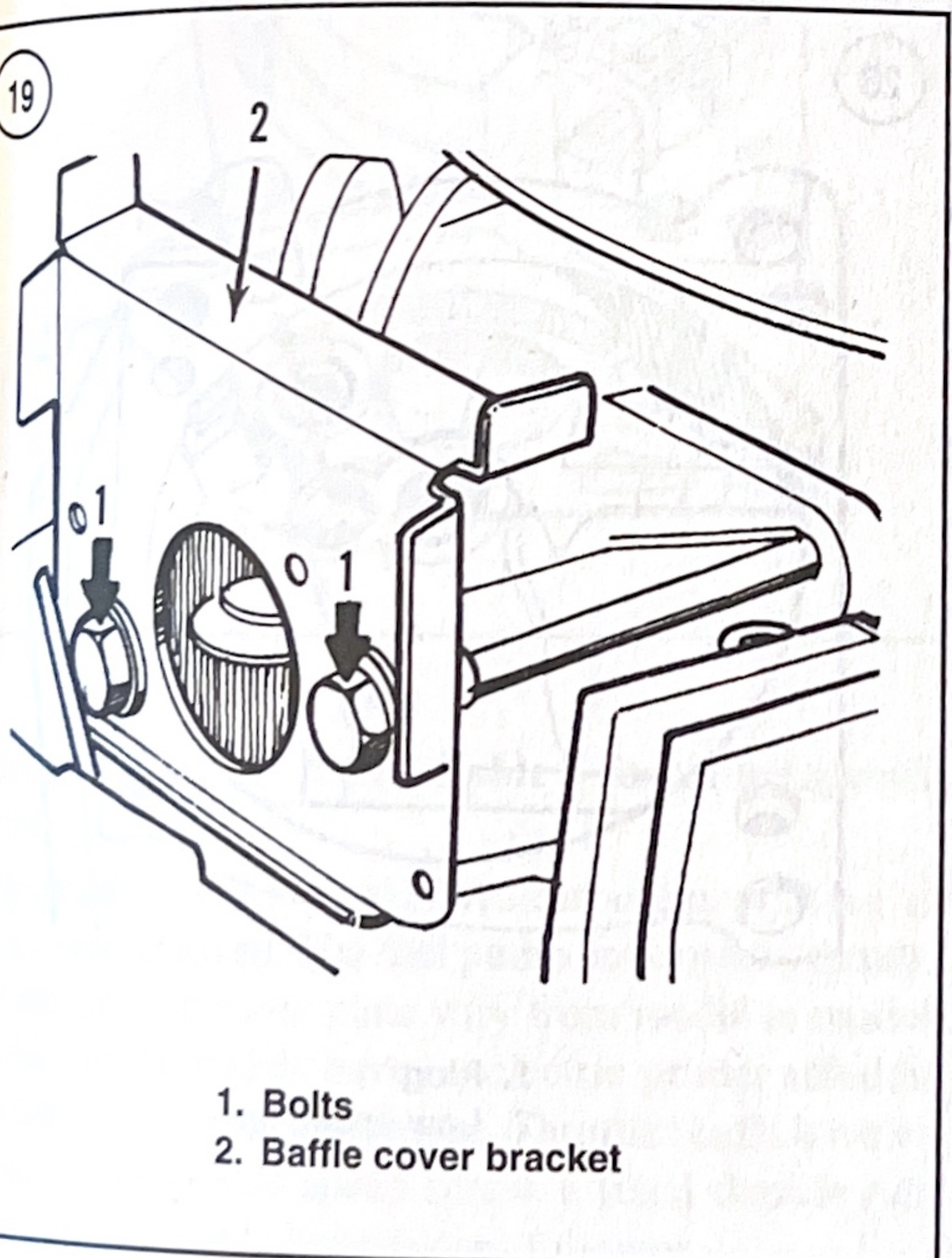
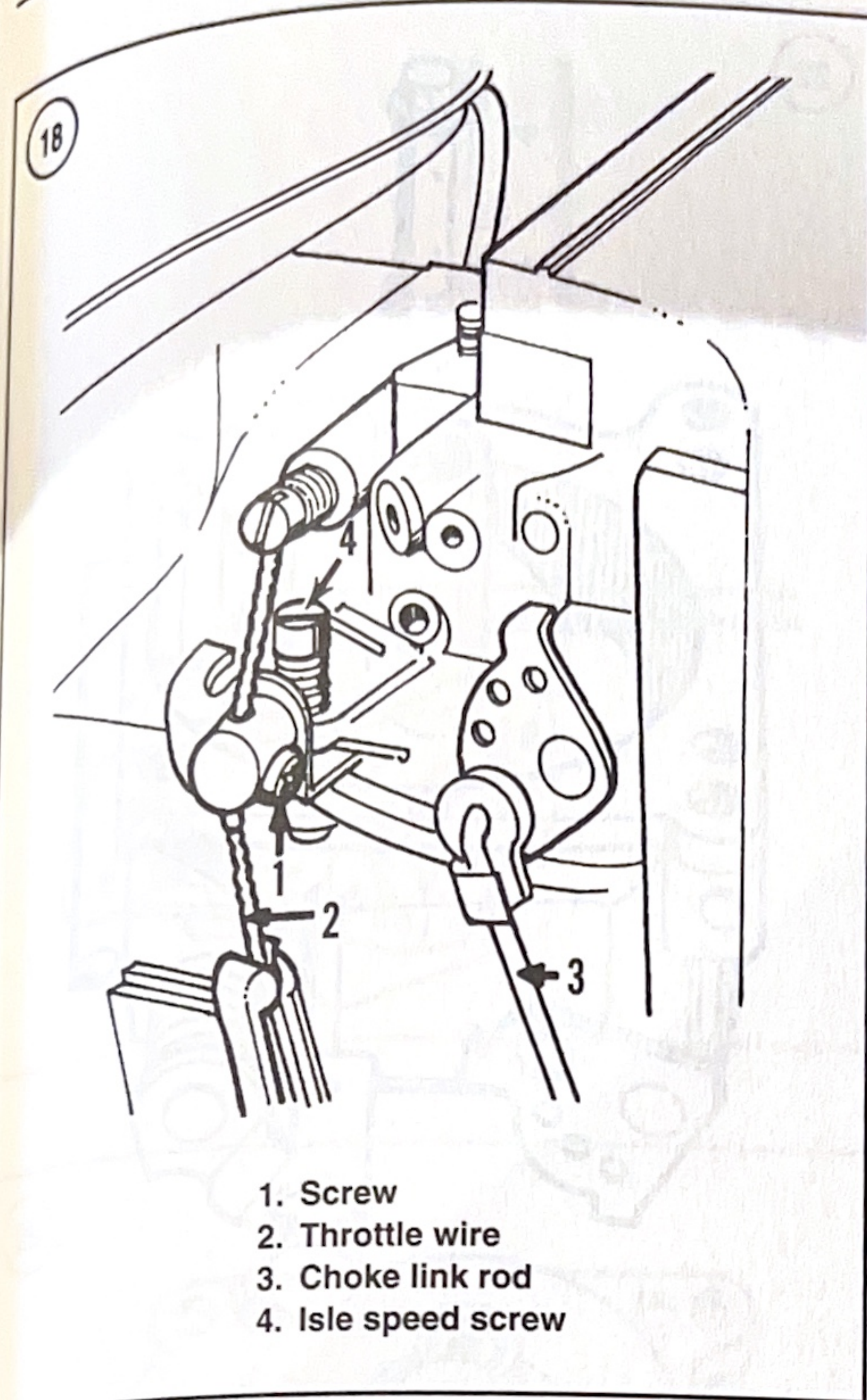




8. Remove the main jet (**Figure 21**). Remove the main nozzle located under the main jet (**Figure 22**).
9. Remove the plug (1, **Figure 23**) and low speed jet (2).
10. Refer to *Cleaning and Inspection (All Models)* in this chapter.

Assembly

Refer to **Figure 17** for the following procedure.

1. To reassemble the carburetor, first install the low speed jet (2, **Figure 23**) and plug (1).
2. Install the main nozzle (**Figure 22**) and the main jet (**Figure 21**).
3. Place the float hinge pin (9, **Figure 17**) into the float arm. Install the inlet needle valve (6, **Figure 17**) onto the float.
4. Install the float, hinge pin and inlet valve assembly onto the carburetor body. Secure the hinge pin with the screw (**Figure 20**).
5. Measure the distance from the float to the float bowl mating surface as shown in **Figure 24**. The measurement must equal the float level specification in **Table 3**. If necessary, adjust by bending the float tang (**Figure 25**).
6. Place a new rubber float bowl seal (12, **Figure 17**) into the bowl groove.
7. Mount the float bowl on the carburetor body. Tighten the screws evenly and securely.
8. Reassemble the fuel pump assembly as follows:
 - a. Install new diaphragms on both sides of the pump body.
 - b. Install the cover (24, **Figure 17**) onto the pump body (18) using a new gasket (23) and diaphragm (22). Insert the pump mounting screws through the cover and body to maintain component alignment.
 - c. Install the pump assembly onto the carburetor float bowl (11, **Figure 17**) using a new gasket (16) and diaphragm (17).
 - d. Tighten the screws evenly and securely.
9. Install the idle mixture screw and spring (26 and 27, **Figure 17**). Turn the screw in until lightly seated, then back it out the number of turns in **Table 3**.
10. Install the plug (44, **Figure 17**) and packing (45) into the carburetor main body mixing chamber pockets.
11. Install the mixing chamber cover (43, **Figure 17**) onto the top of the carburetor body. Install the cover screws and tighten them securely.

6-25 hp Models (WMC Series)

This carburetor uses an integral fuel pump and a diaphragm-operated primer system. Remote control models use an electric solenoid to close an air bleed valve, enriching the air/fuel mixture for cold engine starting. The throttle plate must be fully closed for the system to function correctly. Refer to Chapter Three for troubleshooting procedures on the electric primer solenoid.

Although the fuel pump portion of the carburetor can be serviced without removing or disassembling the carburetor, completely disassemble the fuel pump and the carburetor if either needs service. Refer to **Table 3** for

