

DISASSEMBLY

(4)

FUEL FILTER

1. Remove 3/8" cap screw and gasket from fuel filter cover.
2. Detach filter housing, gasket and filter element and gasket. (Figure 6)

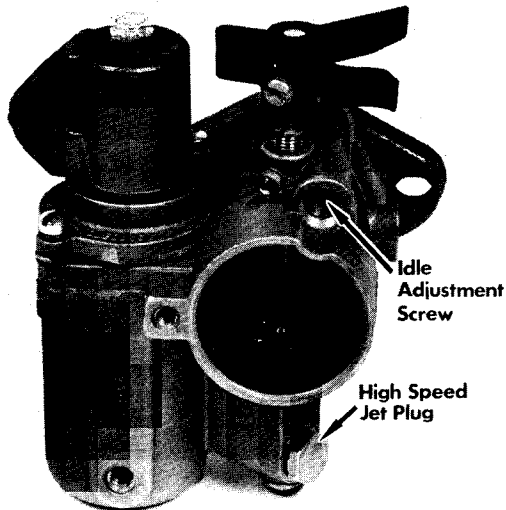


Figure 1. Typical Carburetor

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IDLE ADJUSTMENT SCREW

Unscrew idle adjustment screw and remove spring. (Figure 1)

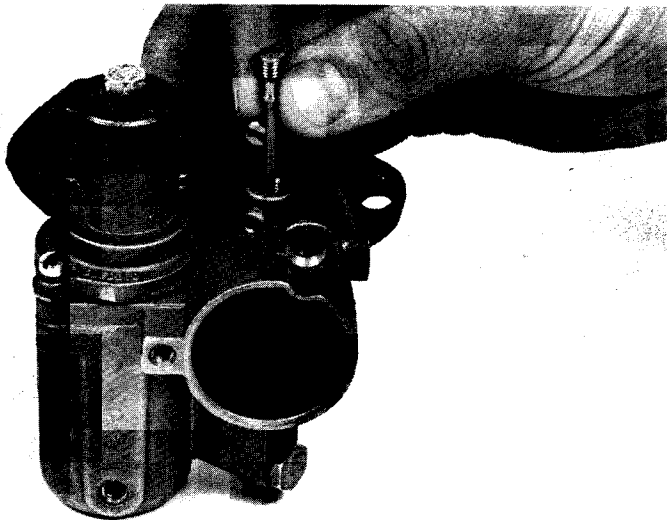


Figure 2. Removing and Installing Idle Restriction Tube

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IDLE RESTRICTION

Unscrew idle restriction tube, which extends inside main discharge nozzle, from top carburetor. (Figure 2) Be sure not to lose small restriction tube gasket.

MAIN DISCHARGE NOZZLE

Remove discharge jet plug screw and then, with a screwdriver of exact size, unscrew high speed discharge nozzle.

FIXED HIGH SPEED JET

1. Remove brass hex head plug and gasket from carburetor body with 3/8" wrench. (Figure 3)
2. Remove fixed jet and gasket (where applicable) with Fixed Jet Screwdriver (C-91-29795) or standard screwdriver of exact size. (Figure 4)

4B-2 - FUEL SYSTEMS

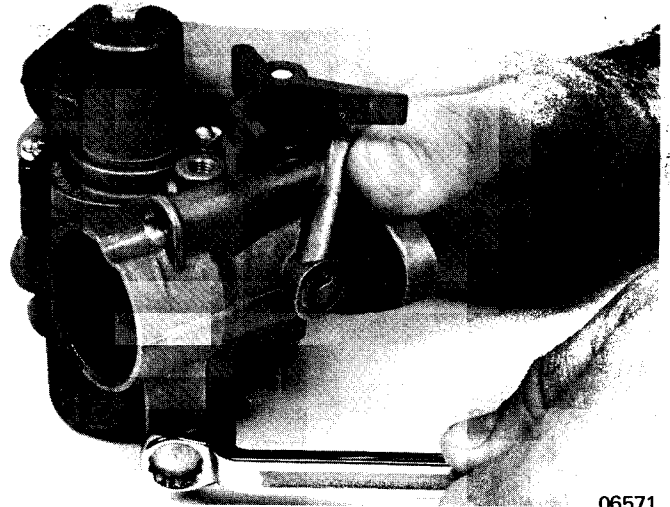


Figure 3. Removing Plug

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FLOAT

1. Remove 2 screws which hold float bowl cover and gasket to carburetor body.
2. Lift off cover and gasket.
3. Remove lower (primary) float lever pin and lever, allowing upper (secondary) lever to pivot back, thus freeing inlet needle.
4. Pull out inlet needle.
5. Remove inlet needle seat (right hand thread) with a 3/8" socket wrench. Do not lose small gasket beneath inlet seat.
6. Remove float by tipping carburetor upside down.
7. Remove welch plug, which covers idle by-pass chamber, by tapping with a sharp center punch, then prying off.

THROTTLE SHUTTER

1. Remove 2 screws and lockwashers which secure throttle shutter to carburetor throttle shaft.
2. Pull throttle shaft out from top of carburetor.
3. Pull throttle shutter return spring out of carburetor body.

CHOKE SHUTTER

1. Remove 2 nuts from choke shutter and screen and remove screen and shutter.
2. If applicable, remove choke linkage from shutter.

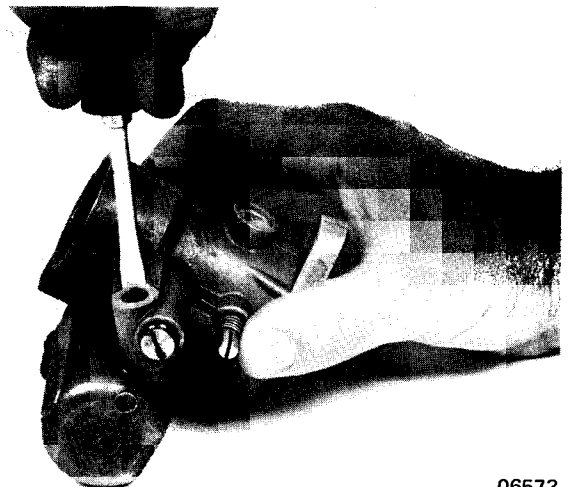


Figure 4. Removing Fixed Jet

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