

24. Assembly

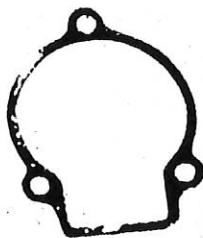
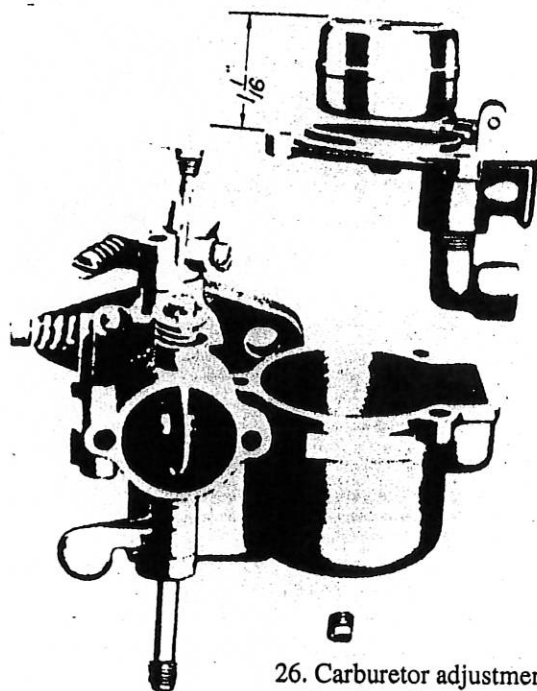
- Install the idling adjustment
- Install jets.
- Install float bowl drain screw
- Install main needle valve
- Assembly float valve and float on bowl cover
- Adjust the float level by turning the carburetor bowl up-side down. With the float resting on the needle valve, the distance from the top edge of the float to the edge of the bowl cover without gasket should be 1 1/16 inch. Bend the float lever if necessary to obtain this adjustment.
- Install float gasket on bowl cover.
- Install cover on float bowl.
- Secure cover on bowl with three screws and lock washers.

25. Installation

- Mount the carburetor intake manifold gasket in position and secure with screws.
- Connect the throttle controls. Make sure the throttle opens and closes fully.
- Clean and connect fuel line from sediment bulb to carburetor.
- Install air cleaner elbow and air cleaner.
- Open shut-off valve in gasoline line, and adjust carburetor in paragraph below.

26. Carburetor adjustment

- To adjust the main needle valve, close it completely, and then open it 1 1/8 turns. Run the scooter motor so that it warms up slowly. Run the machine while it is warm, up a slight grade at full throttle. Reach down and gradually close the needle valve, turn it counter clockwise (looking down from the seat until the engine starts or misfire or loose power). Then open the needle valve on third turn.
- To set the idling adjusting, close the throttle and adjust the idle speed regulation screw so that the engine operates at a slightly faster than normal speed. Close the idling adjustment screw until a marked missing or fluttering is noticed, then slowly turn the screw back until the engine operates smoothly. Reset the idling speed regulating screw to the desired idling speed. Recheck the idling adjustment with motor running at the desired speed.



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