

# REASSEMBLY

## FLOAT and FIXED HIGH SPEED JET

1. Insert venturi inside carburetor throat (tapered end toward choke).
2. Using a screwdriver of proper width, install and tighten main nozzle. (Figure 3)
3. Insert inlet needle and spring assembly into seat. Make sure that inlet needle does not stick in seat.
4. Install float and float fulcrum pin. (Figure 3)
5. Insert fixed high speed jet as shown in Figure 3.

## FLOAT LEVEL and DROP ADJUSTMENT

1. Adjust float level to  $\frac{1}{4}$ " (6.4mm)  $\pm$   $\frac{1}{64}$ " (.4mm) from float bottom to casting. Adjust by bending tab in. (Figure 5)

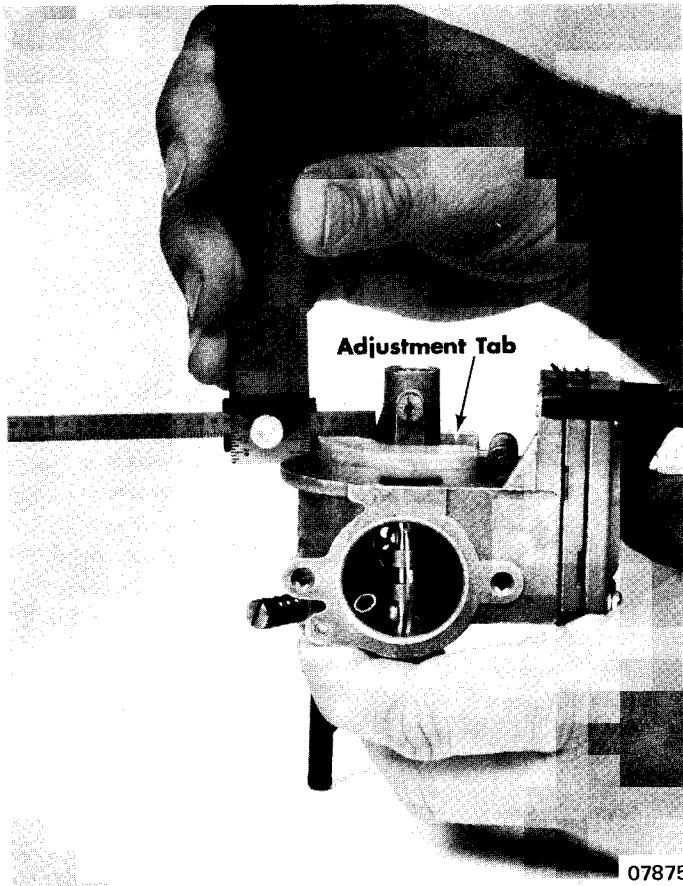


Figure 5. Float Level Adjustment

*NOTE: Hold carburetor upside down for ease of measurement.*

2. Adjust float drop to get  $\frac{1}{16}$ " (1.6mm) to  $\frac{1}{32}$ " (.8mm) between bottom of float and fixed jet. (Figure 6) Adjust by bending tang on float.
3. Install new float bowl gasket. Secure float bowl with 2 fiber washers and screw. (Figure 4)

## FUEL PUMP and STRAINER

1. Install, gasket, diaphragm, pump body, gasket, pump diaphragm and strainer body on carburetor. Secure with 4 washers and screws. (Figure 4)

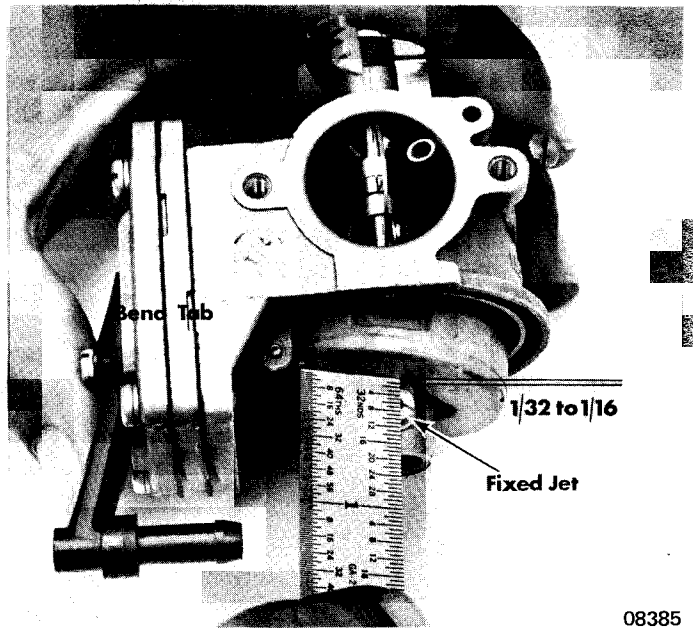


Figure 6. Float Drop Adjustment

2. Assemble strainer screen, gasket and strainer cover and secure with washer and screw. (Figure 1)

## IDLE RESTRICTION TUBE and IDLE MIXTURE SCREW

1. Install idle restriction tube and washers. (Figure 2)
2. Install plug screw.
3. Install spring onto idle mixture screw and install screw.

## THROTTLE SHUTTER

1. Insert throttle shaft into carburetor.

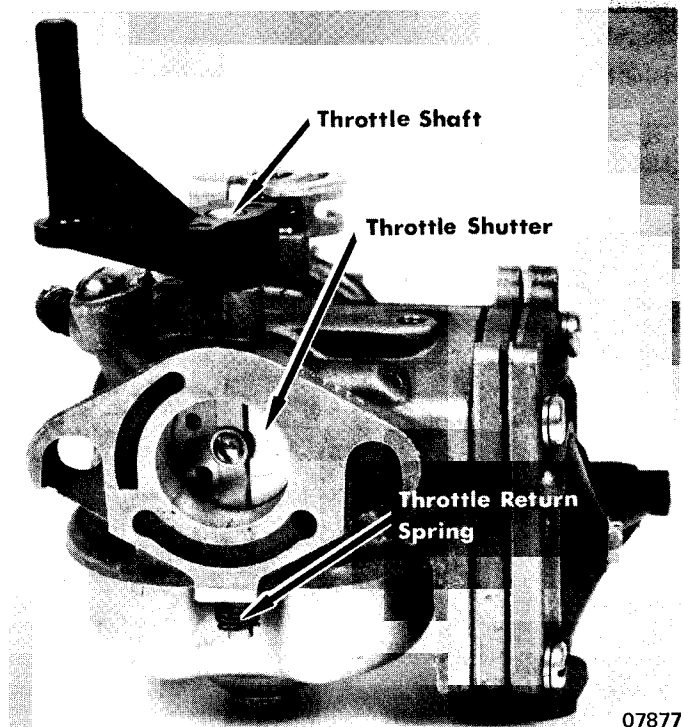


Figure 7. Throttle Shutter Installed