

# INSTRUCTION SHEET

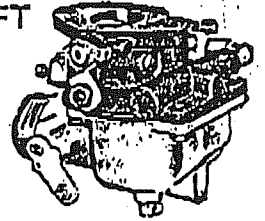
## CARTER CARBURETOR - MODEL - UT UPDRAFT

### GOOD SAFETY PRACTICES & PRECAUTIONS WHEN REBUILDING CARBURETORS

DISCONNECT THE GROUND CABLE FROM BATTERY - BEFORE REMOVING CARBURETOR FROM ENGINE AND UNTIL CARBURETOR IS REINSTALLED AND FUEL LINE IS RECONNECTED, THIS WILL PREVENT ACCIDENTAL CRANKING OF THE ENGINE WHILE THE FUEL LINE IS DISCONNECTED FROM THE CARBURETOR.

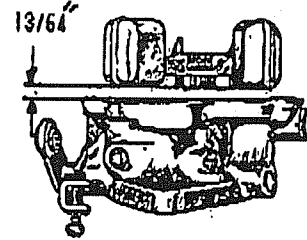
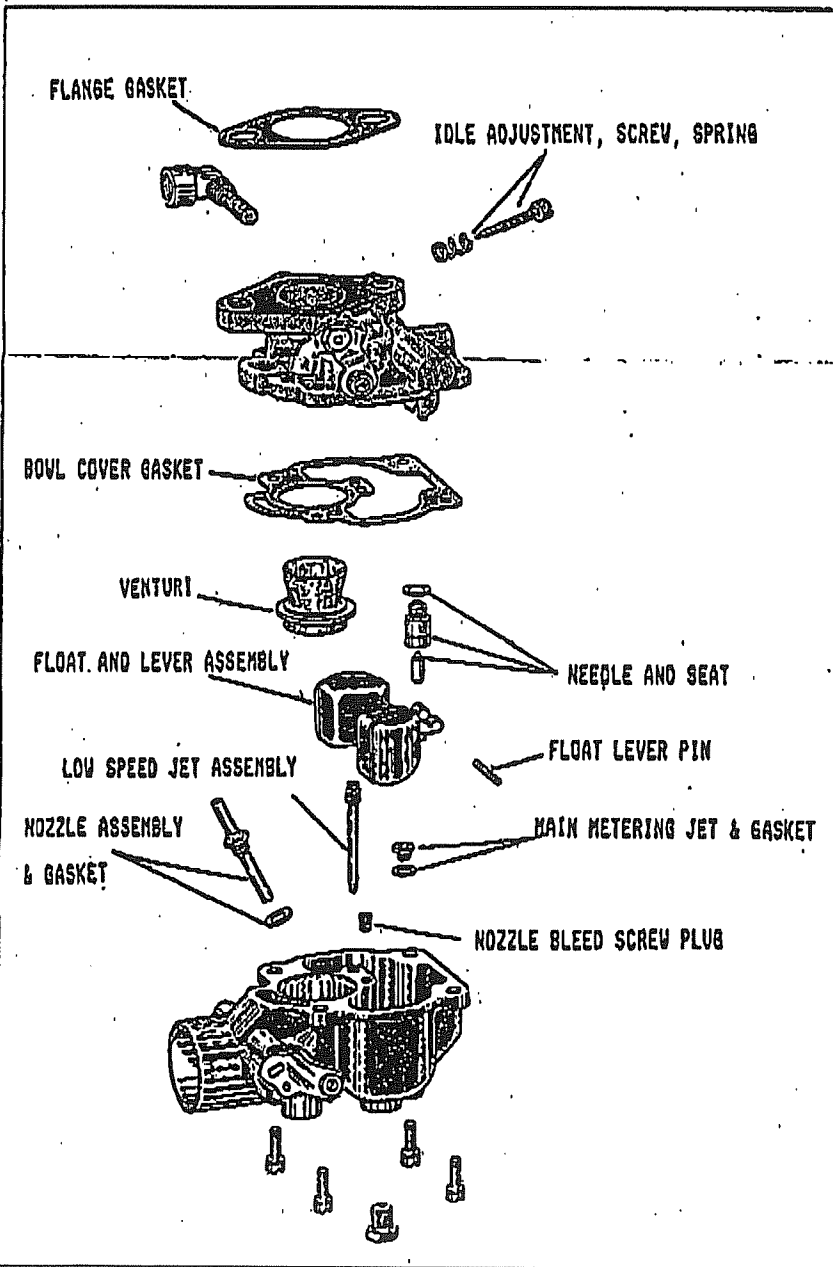
AFTER REMOVING CARBURETOR FROM ENGINE COVER CARBURETOR MANIFOLD HOLE WHILE CARBURETOR IS REMOVED FOR SERVICE TO PREVENT DIRT AND FOREIGN OBJECTS FROM ENTERING ENGINE.

DRAIN FUEL FROM CARBURETOR IN A WELL VENTILATED ENVIRONMENT - OUTDOORS IS ALWAYS PREFERABLE - FREE FROM IGNITION POTENTIALS.



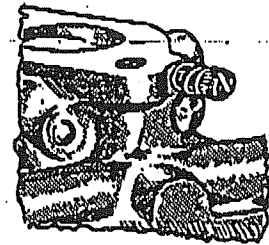
### GENERAL EXPLODED VIEW

THE GENERAL DESIGN AND PARTS SHOWN WILL VARY TO INDIVIDUAL UNITS COVERED ON THIS INSTRUCTION SHEET.



Float Setting

**FLOAT SETTING:** FLOAT SETTING, ILLUSTRATED 13/64 INCH FROM THE TOP OF THE FLOAT TO THE MACHINED SURFACE OF CASTING.



Idle Adjustment Screw Setting

**IDLE ADJUSTMENT SCREW:** FOR LEANER MIXTURE, TURN SCREW IN, FOR RICHER MIXTURE, TURN SCREW OUT, DO NOT IDLE ENGINE BELOW 400 R.P.M.

**MAIN METERING JET:** "ADJUSTABLE," MAXIMUM MIXTURE USUALLY OBTAINED WITH 3 TURNS OPEN.

**TO SECURE A GOOD IDLE:** SET THROTTLE LEVER ADJUSTING SCREW UNTIL MOTOR RUNS APPROXIMATELY 450 R.P.M., THEN SET IDLE ADJUSTMENT SCREW FOR HIGHEST STEADY VACUUM GAUGE READING OR SMOOTHEST ENGINE OPERATION.

**HIGH SPEED ADJUSTMENT:** IF THE ENGINE IS NORMALLY GOVERNED AT A SPEED LOWER THAN 1600 R.P.M., DISCONNECT THE GOVERNOR, WITH ENGINE OPERATING AT NORMAL TEMPERATURE, SET THE THROTTLE MANUALLY FOR AN ENGINE SPEED OF APPROXIMATELY 1600 R.P.M., OPEN OR CLOSE THE HIGH SPEED ADJUSTING NEEDLE UNTIL ENGINE OPERATES SMOOTHLY.