ABC231 Basic Carburetor Repair Kit (Carter)

Fits Carburetors With Cast Iron Upper Throttle Body With Tag # UT374S UT652S, UT733S, UT734S

Carter Bowl Gasket #121-156, Fits Our Kit # ABC231
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, 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 SMOOTHER 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.