

FUEL SYSTEM

SERVICE INSTRUCTION WORKSHEET

TO REPAIR
 HOLLEY CARBURETORS
 R782,-1 FORD - 2 BARREL

GF1252AV-3

CARBURETOR ADJUSTMENT SPECIFICATIONS

*FLOAT ADJUSTMENT

Invert the main body so that only the free weight of the float is resting against the seated needle. The distance from the surface of the body to the crown of each float should be as specified in the chart. If adjustment is necessary, bend the tang on the float arm.

CAUTION: When bending the float tang do not allow the tang to push against the needle as the synthetic rubber can be compressed sufficiently to cause a false setting which will affect correct level of fuel in the bowl. After being compressed, the rubber slowly recovers its original shape.

FLOAT DROP ADJUSTMENT

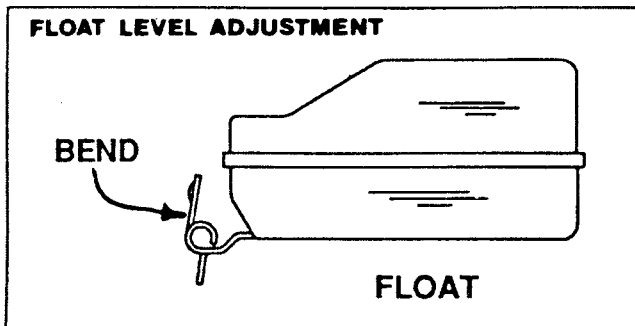
Specific dimension not required. Be sure float drops enough so needle can come off seat to allow fuel to enter bowl, but not to allow needle to become cocked or to fall out.

**IDLING ADJUSTMENT

Screw in the idle adjustment screw until seated hand-tight, then open up as many turns as indicated on the chart. For richer mixture, turn screw out. Engine should not be idled below the R.P.M. or M.P.H. figure listed on the chart. Standard Trans. (S) should be adjusted in Neutral; Automatic Trans. (A) in Drive.

In order to get the full benefit from using the Viton needle and seat, use the specification below (for dry setting) as a guide only. Compare this with the wet level setting specified by car manufacturer for the similar synthetic rubber-type needle and seat. Observe the correct procedures for taking this measurement, then check out the car for correct performance.

FORD/CARBURETOR NO.	FLOAT ADJUSTMENT		IDLE ADJUSTMENT
	GAUGE	DISTANCE	TURNS OPEN
B4T-9510A; EAL-9510A, C; EAM-9510A, C; EB2-9510; R782, -1	CT111-101	5/32 .156	1±1/2



CAUTION:

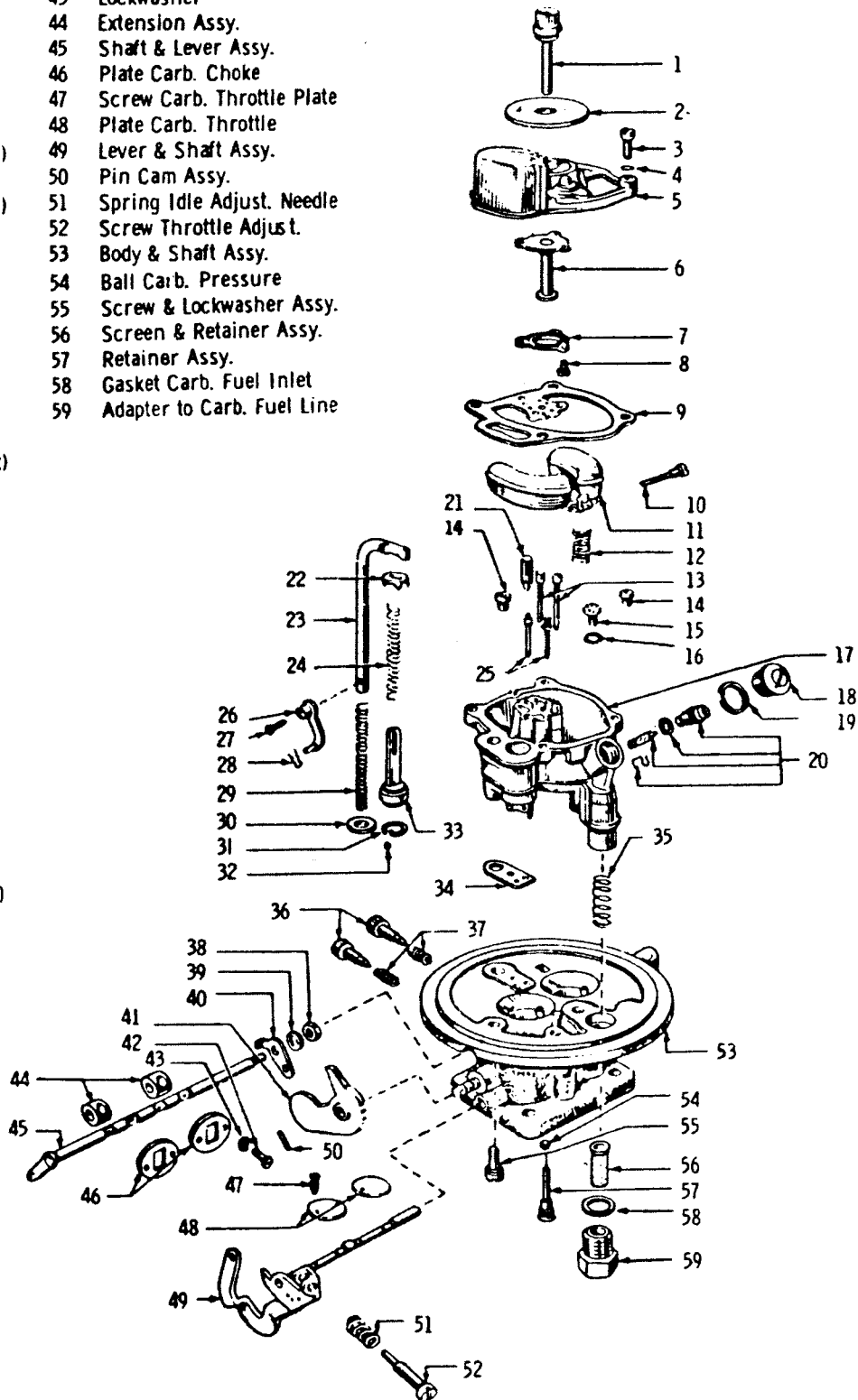
After cleaning parts in solvent bath flush with copious quantity of hot water before using an air gun to clear passageways. Undiluted solvent aerosolized into a mist and inhaled can be extremely hazardous. This operation should be performed in a well ventilated area wearing appropriate protective equipment.

2 BARREL CARBURETOR — DISASSEMBLED

☞ PARTS LIST SHOWN DOES NOT REFLECT THE CONTENTS OF THE KIT.

- 1 Screw (Carb. Air Cleaner)
- 2 Washer crew
- 4 Lockwasher
- 5 Cover & Plugs Assy.
- 6 Piston & Stem Assy.
- 7 Clamp (Carb. Econ. Body Cover)
- 8 Screw & L./W (Fillister Head)
- 9 Gasket (Carb. Main Body Cover)
- 10 Pin (Carb. Float Hinge)
- 11 Float Assy.
- 12 Spring (Carb. Float)
- 13 Tube Assy. (Carb. Main Well)
- 14 Jet (Main Metering)
- 15 Valve Assy (Carb. Power Jet)
- 16 Gasket (Power Jet)
- 17 Body & Plugs Assy.
- 18 Plug (Carb. Float Needle Seat)
- 19 Gasket (Carb. Float Needle Seat)
- 20 Needle Seat, Gasket, Wire Assy.
- 21 Needle (Carb. Accel. Pump)
- 22 Washer
- 23 Rod Accel. Pump piston
- 24 Spring Carb. Accel. Pump
- 25 Tube Assy.
- 26 Link Assy.
- 27 Stud (Carb. Pump Rod)
- 28 Retainer (Carb Pump Link)
- 29 Spring (Carb. Pump Assy)
- 30 Packing (Accel. Pump Rod)
- 31 Spring (Carb. Pump Check)
- 32 Jall (Carb. Accel. Pump)
- 33 Pump Piston Assy
- 34 Gasket (Main Body)
- 35 Spring (Filter Spring)
- 36 Needle (Carb. Idle Adjustment)
- 37 Spring (Needle Adjustment)
- 38 Nut
- 39 Lockwasher
- 40 Lever Carb. Choke Shaft
- 41 Cam Assy. Fast Idle
- 42 Screw (Choke Plate)

- 43 Lockwasher
- 44 Extension Assy.
- 45 Shaft & Lever Assy.
- 46 Plate Carb. Choke
- 47 Screw Carb. Throttle Plate
- 48 Plate Carb. Throttle
- 49 Lever & Shaft Assy.
- 50 Pin Cam Assy.
- 51 Spring Idle Adjust. Needle
- 52 Screw Throttle Adjust.
- 53 Body & Shaft Assy.
- 54 Ball Carb. Pressure
- 55 Screw & Lockwasher Assy.
- 56 Screen & Retainer Assy.
- 57 Retainer Assy.
- 58 Gasket Carb. Fuel Inlet
- 59 Adapter to Carb. Fuel Line



TYPICAL ILLUSTRATION