

FUEL SYSTEM

SERVICE INSTRUCTION WORKSHEET

GF1240AV-4

TO REPAIR
CARTER CARBURETOR
BB TYPE - 1 Barrel

CARBURETOR ADJUSTMENT SPECIFICATIONS

*FLOAT ADJUSTMENT

First, install the floats with the fulcrum pin and pin retainer in the main body. Then install the needle, seat and gasket in the body and tighten securely. Invert the main body so that only the free weight of the floats is resting against seated needle. Hold finger lightly against retainer to fully seat the fulcrum pin. The distance from the surface of the body casting to the crown of each float should be as specified in chart. Use gauge to check the float level. Adjust by bending the lip on the float arm.

CAUTION: Bend the float lip so it just rests against the needle. Do not allow it to press as the synthetic rubber can be so dented that an incorrect setting may result, thus affecting the proper fuel level in the bowl. After being compressed, the rubber very slowly recovers its original shape.

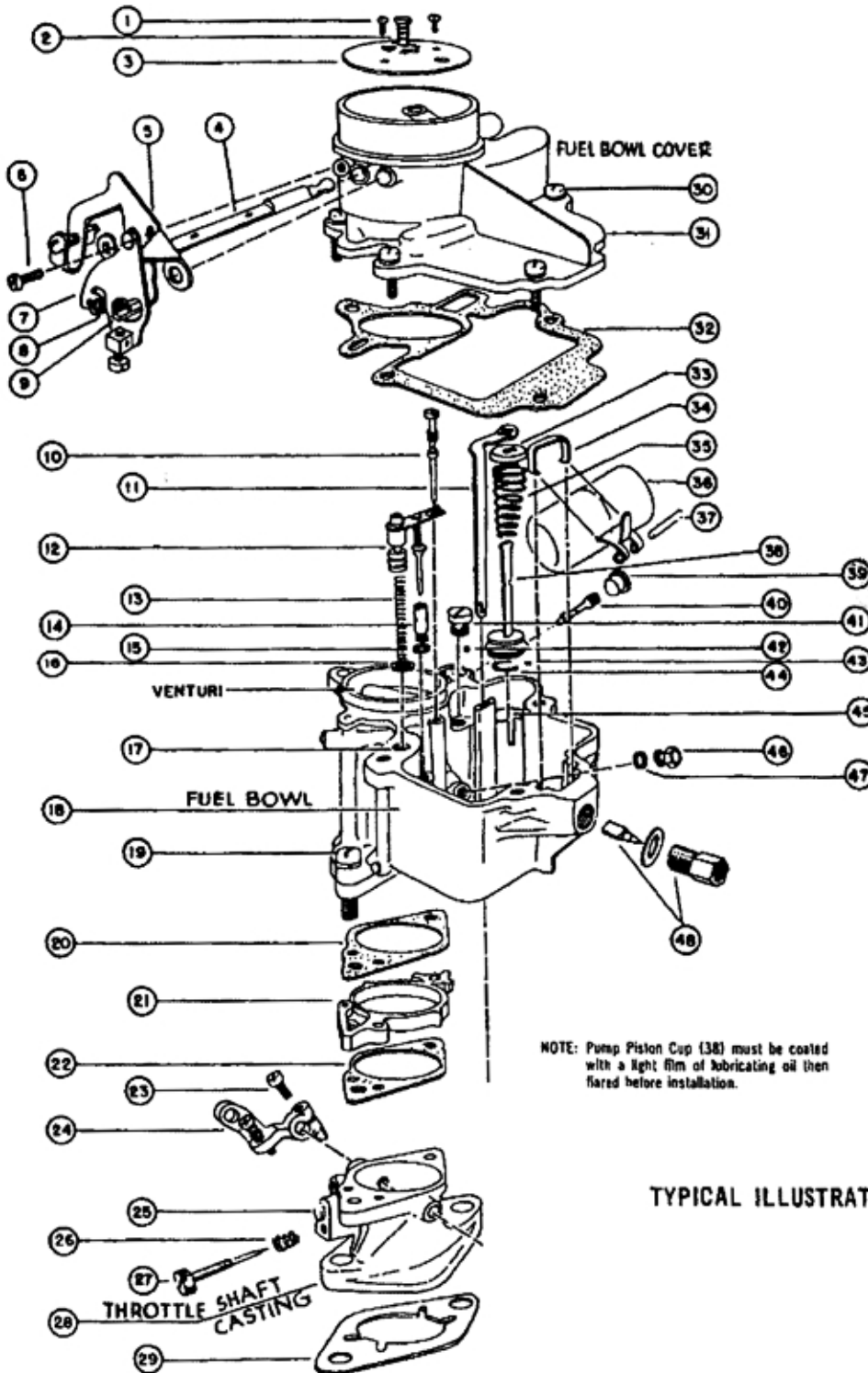
FLOAT DROP ADJUSTMENT. Specific dimension not required. Be sure float drops enough so needle can come off seat to allow fuel to enter bowl, but not to allow needle to become cocked or to fall out.

**IDLING ADJUSTMENT

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

To Repair Carburetors	FLOAT ADJUSTMENT*		IDLE ADJUSTMENT**	
		Distance (Inches)	Turns Open	Engine RPM at Idle Speed
DTA1,2,DTB1,2,3		5/64	1/2 to 1-1/4	300
DTB1R,2R,3R		5/64	1/2 to 1-1/4	300
DTC1		5/64	1/2 to 1-1/2	300
DTE1,2,DTF1,2		5/64	1/2 to 1-1/2	450-500
DTG1		5/64	1/2 to 1-1/4	450-500
D6A1,2,C1,2,G1		5/64	1/2 to 1-1/4	300
D6H1,2,D6J1		5/64	1/2 to 1-1/2	450-500
D6L1,2		5/64	1/2 to 2	450-500
D6N1,2		5/64	1/2 to 1-1/2	300
D6P1,2		5/64	1/2 to 1-1/2	450-500
D6R1,S1,T1		5/64	1/2 to 1-1/2	450-500
D6U1,V1		5/64	1/2 to 1-1/2	450-500
ETT1		5/64	1/2 to 1-1/2	300
EV1,2		1/16 ± 1/64	3/4 to 1-1/4	300
E6U1,2		1/16 - 1/64	1/2 to 1	300
E7L1,2,3,4		5/64	1/2 to 1-1/4	450-500
E7R1		5/64	1/2 to 1-1/2	450-500
E7U1,2		5/64	1/2 to 1-1/2	450-500
E7W1		5/64	1/2 to 1-1/2	450-500
E9A1,B1		5/64	1/2 to 1-1/2	450-500N
E9H1,J1		1/16 ± 1/64	1/6 to 1-1/2	450-500
E9V1		5/64	1/2 to 1-1/2	450-500

CARTER BB TYPE



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

NO.	PART
1	SCREW
2	AIR VALVE
3	CHOKE VALVE
4	CHOKE SHAFT
5	CHOKE TUBE
6	CHOKE SCREW
7	PIVOT
8	CHOKE LEVER SPRING
9	LIP
10	LOW SPEED JET
11	PUMP PISTON LIFTER
12	VACUUM PISTON
13	VACUUM PISTON SPRING
14	POWER JET
15	GASKET
16	GASKET
17	CYLINDER
18	FUEL BOWL
19	FLANGE SCREWS
20	FLANGE GASKET
21	INSULATOR
22	FLANGE GASKET
23	CONTROL ROD SCREW
24	CONTROL ROD
25	IDLE PASSAGE PLUG
26	SPRING
27	IDLE ADJUST SCREW
28	THROTTLE SHAFT CASTING
29	
30	FUEL BOWL SCREWS
31	FUEL BOWL COVER
32	FUEL BOWL GASKET
33	RETAINER
34	RETAINER
35	PUMP SPRING
36	FLOAT
37	FLOAT PIN
38	PUMP PISTON
39	RIVET PLUG
40	PUMP JET
41	PUMP CHECK PLUG
42	PUMP CHECK BALL
43	PUMP INTAKE BALL
44	RETAINER RING
45	PUMP CYLINDER
46	JET
47	GASKET
48	NEEDLE & SEAT

NOTE: Pump Piston Cup (38) must be coated with a light film of lubricating oil then flared before installation.

TYPICAL ILLUSTRATION