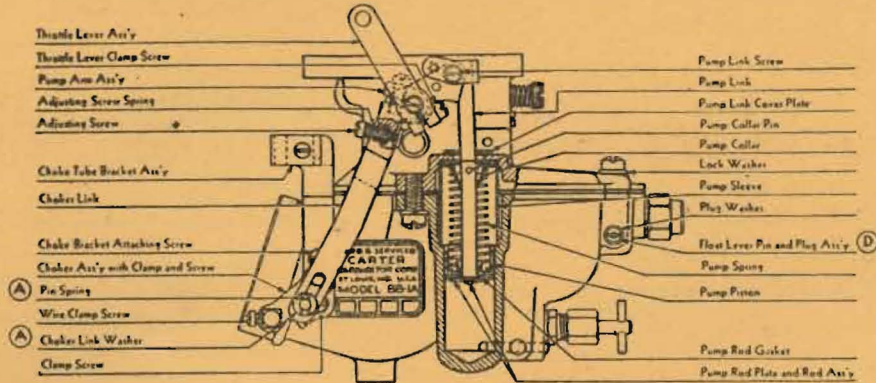


SERVICING INSTRUCTIONS

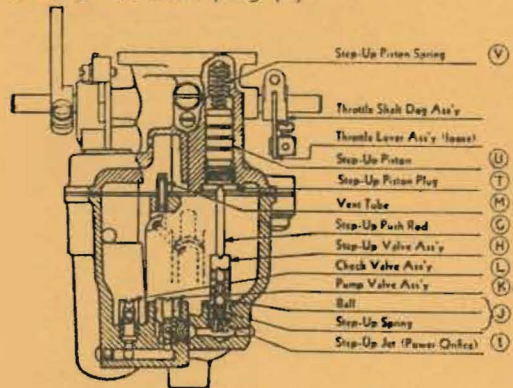
Model BB Updraft Carburetors



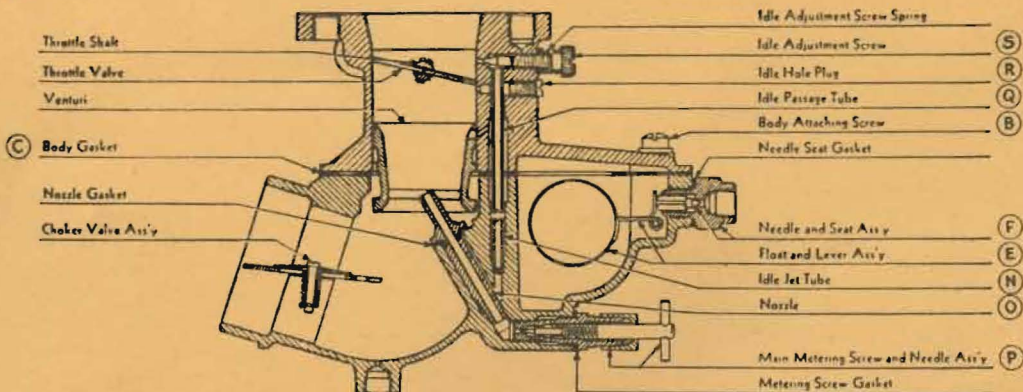
(Obtain clean pan for parts)

1. Remove pin spring and choker link washer (A).
2. Remove body attaching screws (B).
3. Hold carburetor in right hand, flange up. With left hand, pull off top casting being careful when pump piston comes out that it does not catch on body gasket (C) and tear it.
4. Remove body gasket (C).
5. Remove step-up push rod (G).
6. Remove float lever pin and plug assembly (D) and float and lever assembly (E).
7. Remove needle and seat assembly (F).
8. Remove step-up valve assembly (H) with screw driver.
9. Remove power orifice (I) from step-up valve assembly being careful not to lose spring and ball (J). Wash these parts in clean gasoline, blow out power orifice with air and reassemble to prevent loss of small parts.
10. Remove pump valve assembly (K), wash in gasoline, blow out with air.
11. Remove check valve assembly (L), wash in gasoline, blow out with air.
12. Remove vent tube (M), wash in gasoline, blow out with air.
13. Remove idle jet tube (N), wash in gasoline, blow out with air.

14. Remove nozzle (O), wash in gasoline and blow out with air.
15. Remove main metering screw (P), wash in gasoline and blow out with air through hole in end.
16. Remove idle passage tube (Q), wash in gasoline and blow out with air.
17. Remove idle hole plug (R).



18. Remove idle adjustment screw (S).
19. Remove step-up piston plug (T), step-up piston (U) and step-up piston spring (V), wash in gasoline and blow out with air. Do not remove throttle valve and shaft except to replace when badly worn.
20. Wash carburetor body in gasoline and blow out all passages with air. Repeat this operation at least once to be sure all foreign matter has been removed from passages.



TO REASSEMBLE CARBURETER

21. Replace idle adjustment screw (S) (in upper hole).
22. Replace idle hole plug (R) (in lower hole).
23. Replace step-up piston (U), step-up piston spring (V) and step-up piston plug (T).
24. Replace idle passage tube (Q).
25. Replace main metering screw (P). When servicing BB1, BB1A, 245S and 245SA units, replace main metering screw and needle assembly.
26. Replace nozzle (O) making sure same is screwed down tight on gasket.
27. Replace idle jet tube (N).
28. Replace vent tube (M).
29. Replace intake check valve assembly (L).
30. Replace pump valve assembly (K). Be sure ball in pump valve moves freely.
31. Replace float and lever assembly (E) and float lever pin and plug assembly (D).
32. Replace needle and seat assembly (F).
33. Set float level (by bending lip on float lever if necessary) flush to 1/32" below top of surface casting. Gauge from top of float (not soldered seam). When servicing BB1, BB1A, 245S and 245SA, set float level 1/32" to 1/16" below edge of casting.
34. Replace step-up push rod (G). Be sure rod rests with small end downward.
35. Replace body gasket (C).
36. Reassemble upper and lower castings by inserting pump piston in cylinder taking care that step-up push rod (G) enters hole in step-up piston plug (T); also that idle passage tube (Q) enters hole in lower body.
37. Replace attaching screws (B), pulling all down tight.
38. Replace interconnected choke and throttle lever, choker link washer and pin spring (A).