

The enrichening or weakening devices may have either ball or disc valves (figs. 34 to 36).

The pump valve is closed when the throttle butterfly is in the part load position. Additional fuel cannot be discharged.

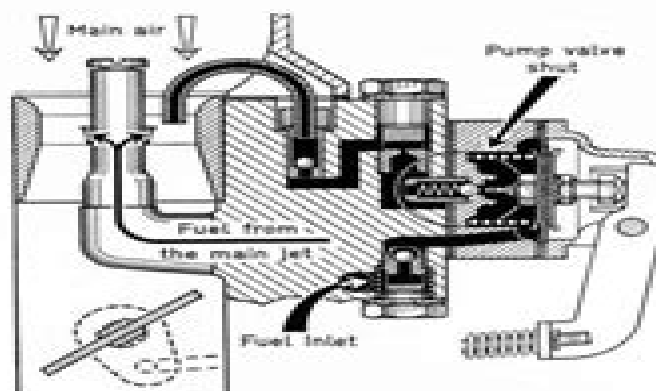
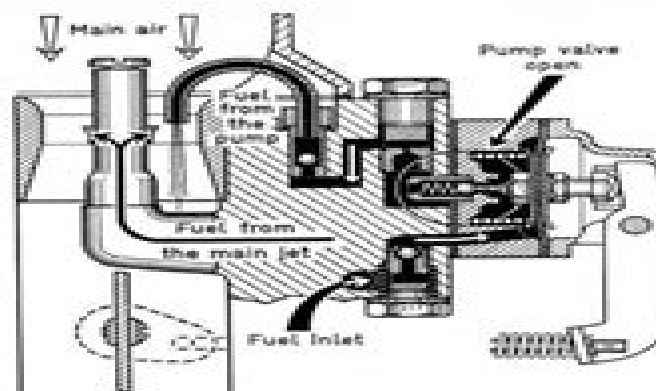


Fig. 34 "Slide" pump with ball valve (pump 73)

a) Part Load

When the throttle butterfly is in the full load position the pump valve is opened. Additional fuel is discharged to enrich the mixture.



b) Full Load

The following general directions can be given for the application of these devices:

1. Pumps with the final number "2" ("neutral" pump) are recommended for all carburetors feeding normal four cylinder engines.
2. Pumps with the final number "3" ("rich" pump) are especially suited for carburetor feeding four cylinder sports cars normal six or eight cylinder engines supercharged engines.
3. Pumps with the final number "4" ("weak" pump) are suitable for use on all carburetors feeding only one, two or three cylinders.

Solex 3dis Carburetor Manual

S Ben Porath



Solex 3dis Carburetor Manual:

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