



Fig. 2. Stromberg 125 CDS carburetors—external views

Cold starting (See Figs. 1 and 3)

Cold starting conditions require a rich mixture not only for starting but also for the first few seconds of running. A means of progressively weakening this mixture is also needed together with a mechanism that opens the throttle to the fast idling position, so that the engine continues to run at a fast idle speed after starting. These requirements are met by the starter assembly when it is brought into operation by the choke control.

The starter assembly is situated immediately behind the fast idle cam (41). It consists of an outer housing (34), held to the carburetor body by two screws, and a disc valve (35) mounted on the inside end of the fast idle cam spindle. The disc valve (35) is spring loaded against the flat face of the carburetor body, in which there are a fuel feed hole (39) supplied from the float chamber and an outlet groove (37) connected to a drilling (38) feeding to