

Carburetor Troubles and their Cure

The carburetor troubles as mentioned below presuppose the specified carburetor settings (see table on page F 9).

Trouble	Cause	Remedy
1. Engine will not start (with fuel in tank and ignition in order)	a) No fuel in system b) Carburetor flows over	a) Clean main jet. Check fuel supply. Detach line to fuel pump and actuate starter without ignition. If fuel escapes pump, float needle valve is clogged. If no fuel comes out, pump valves may stick, pump mechanism may be damaged, or fuel cock is dirty b) Check and clean float needle valve. Check gasket. Check float, if nec. replace
2. Flat spot at idling speed	a) Idling adjustment incorrect b) Idling jet or idling air jet clogged c) Intake manifold leaking d) Idling mixture regulating screw damaged	a) Readjust idling speed b) Clean idling jet or idling air jet c) Check intake manifold, flanges, gaskets and compensation line d) Replace idling mixture regulating screw
3. Poor acceleration	a) Idling mixture too lean b) Fuel level incorrect c) Incorrect injection ratio d) Intake manifold leaking	a) Readjust idling speed (check jet) b) Adjust fuel level c) Check injection ratio d) Check intake manifold, flanges and gaskets and compensation line
4. Engine stalls when accelerator pedal is suddenly released	Incorrect idling adjustment	Readjust idling speed
5. Engine runs uneven, misfires and cuts out	a) Fuel surplus b) Lack of fuel c) Intake manifold leaking	a) Check pump pressure. Check float needle valve. Check float. Check fuel level. b) Clean main jet Check fuel lines Check fuel level c) Check intake manifold, flanges, gaskets and compensation line
6. Fuel consumption too high	a) Float needle valve flooded b) Float leaking c) Float needle valve does not close	a) Check pump pressure b) Replace float c) Check float needle valve