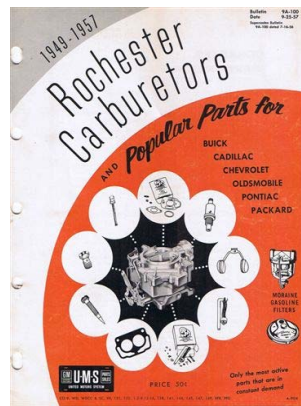




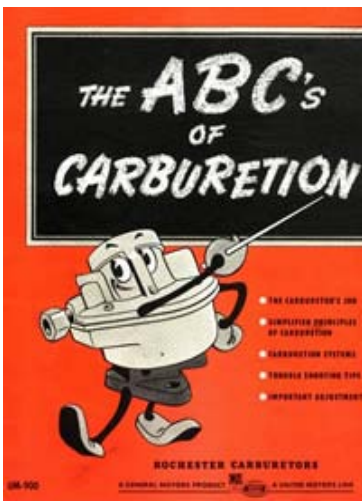
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STROMBERG CHECK CHART for Servicing Stromberg Carburetors

The Stromberg Check Chart is a general guide for servicing Stromberg Carburetors for use as a ready reference by the bench man.

Some parts are difficult to check or at least it is difficult to be sure that they are above question; on these we recommend replacement with new parts rather than taking a chance on spoiling an otherwise good job.

With this chart, the mechanic should refer to the catalog sheet on the particular unit being serviced. First, the carburetor should be disassembled (plugs removed) and thoroughly cleaned in a good parts cleaner such as Bendix Metalclene. Then blow out thoroughly with air, using an air nozzle that will direct the air into the various channels.

Proceed to check all items indicated in the Check Chart column headed by the complaint which brought the customer in.

COMPLAINT AND PART TO CHECK						PART	WHAT TO LOOK FOR
Gas Mileage	Too Lean	Acceleration	Idling	Top Speed	General Overhaul		
➔	➔			➔	➔	METERING JET	Correct type; correct size; Damaged; worn.
➔	➔			➔	➔	MAIN DISCHARGE JET	Damaged tip; bad top-shoulder seat; bad seat with metering jet; Side holes enlarged; side holes crushed or closed; High Speed Bleed over-size or closed.
			➔		➔	IDLE TUBE	Correct size; bad seating shoulder; Clean
			➔		➔	IDLE AIR BLEED	Free of carbon; correct size.
			➔		➔	IDLE DISCHARGE HOLES	Clean; correct size.
			➔		➔	THROTTLE BODY	Free of Carbon; throttle valve fit and relation to idle holes. Worn throttle shaft.
			➔		➔	IDLE NEEDLE	Damaged taper.
➔		➔			➔	PUMP BY-PASS JET	Bad seat; corroded condition; Correct size.
		➔			➔	PUMP PISTON	Good leather; leather too soft; leather too hard; leather loose on assembly; Pump-relief OK; Good Follow-up spring.
		➔			➔	PUMP DISCHARGE	Clean; correct size; Clean channels; check pump capacity.
➔				➔	➔	POWER JET	Bad seat; corroded condition; Correct size; clean channels.
➔	➔	➔	➔	➔	➔	VACUUM PISTON	Worn; damaged spring; stuck in either up or down position.
➔	➔	➔	➔	➔	➔	POWER JET SETTING (IF MECHANICAL)	Open too early; open too late; Limits $\frac{1}{64}$ ".
		➔			➔	PUMP CHECK VALVE	Bad seat; bad release.
➔	➔	➔	➔	➔	➔	FUEL LEVEL	High; low; limits $\frac{1}{32}$ ".
		➔		➔	➔	FLOAT NEEDLE VALVE AND SEAT	Seat worn (too wide); Dirt; gum; Fuel pump pressure.
➔		➔		➔	➔	PUMP AND THROTTLE LINKAGE	Worn; throttle travel OK. Pump rod in proper position.
➔	➔	➔		➔	➔	AUTOMATIC CHOKE	Free travel of all parts; Clean channels; no leaks; Set thermostat.

Check intake manifold for leaks. Check heat control valve; replace thermostatic spring if questionable.