



DIRECTIONS FOR USING GENERATOR.

Acetylene gas is made by water dropping on lump carbide. About 65 drops per minute will generate enough gas for two head lamps. You can adjust our valve to any quantity desired by hexagon nut that clamps spring stop on top of generator. (see cut)

- 1 Fill upper part of inside basket with good grade calcium carbide.
- 2 Fill top part of generator with clean water within an inch of top, then screw filler cap into place.
- 3 **To get gas quickly give valve one or two complete turns, holding it there for about five seconds. Then shut off valve tight, and open to spring stop. This stop is adjustable to any quantity of water desired by loosening hexagon nut which valve stem runs through.**
- 4 Place top of generator in position on bottom of generator and secure same with side clamps.
- 5 Connect your hose leading to gas lamps and open valve to stop. (Follow directions paragraph No. 3)
- 6 To turn out lights shut water off by turning valve to right and disconnect rubber hose from generator; allowing gas to escape.
- 7 To clean generator valve, fill top with water, unscrew valve stem by turning to the left. Pull out stem 2 or 3 inches, run wire through drip hole. Allow all water to run out through drip hole. Then replace valve stem.
- 8 Keep hexagon nuts on clamps adjusted so that generator is always gas tight.

USEFUL HINTS.

It is a good plan when using an acetylene gas generator in connection with head lights to allow the rubber hose that fastens to lamp and generator to remain disconnected when not in use, this will allow a circulation of air to pass through the hose and pipe, drying out the water caused by condensation of the gas.

Try to keep the small metal pipe or tubing that is furnished with the car as straight as possible. Should it have a sharp downward bend or low place, the moisture caused by condensation will settle in this low place and form a trap. This will prevent a steady flow of gas and cause the flame to flicker. In this case disconnect your hose at the generator and let end of hose hang as low as possible, disconnect hose from both lamps and blow through same forcing water out of pipe at the generator end of tubing.

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