

PRESSURE REGULATOR AND FUEL SOLENOID ASSEMBLY

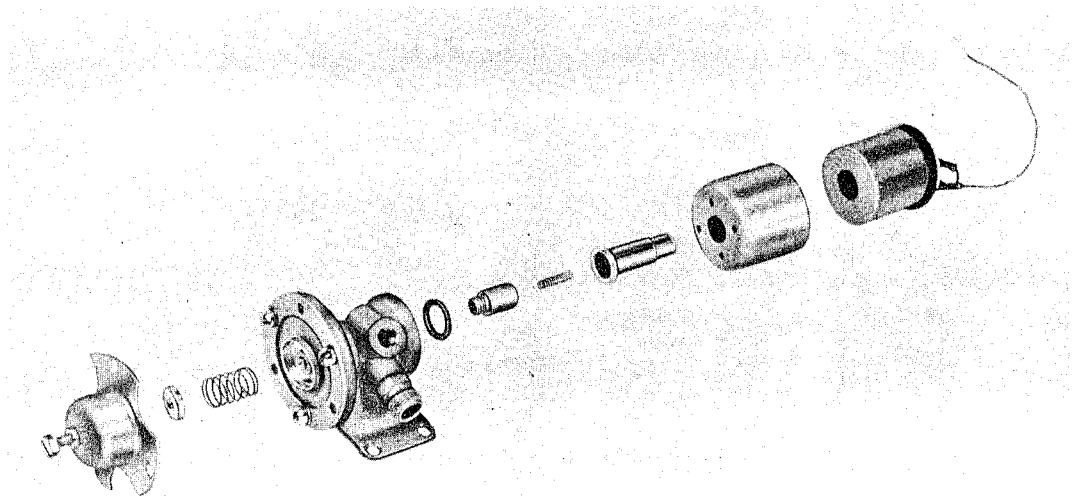


Fig. 14

Description

The pressure regulator governs the rate of fuel flow according to preset diaphragm settings. An exact adjustment to the rated output of .65 liter/hour can be accomplished only when the assembly is installed in the heater unit.

Inspection and Adjustments

With heater unit installed, it is necessary to first remove the cover and detach the fuel supply line. Next, the fuel nozzle has to be removed, its fuel supply line reconnected, and the nozzle held at the same level as in the installed position. The fuel emitted from the nozzle should then be trapped in a graduated measuring glass; the collected amount of fuel, after an elapsed time of two minutes, should be 20 to 21 cc. When necessary, the pressure regulator can be readjusted by turning the fourfold sealed adjustment screw on the forside of the unit (the seal is by means of paint); by turning the screw clockwise, the emission of fuel is increased; by turning it counter-clockwise, the emission is decreased. At time of this service operation attention should be devoted to the safety switch which should cut off the flow of current after a maximum elapsed time of 3 1/2 minutes.