Gas System

– Starting point:
a round is in the chamber;
the breech block is locked;
the shot has been fired.

– The bullet moves along the barrel and reaches the level of the gas port (**f**) (fig. 4).

– The combustion gases pass through the gas port (**f**) and reach the gas plug (**a**), which closes the front end of the gas cylinder, screwed into the gas block (**b**); if the gas plug is closed (letters Gr showing on top) the gas intake is blocked and the weapon will then function as a single shot rifle or in grenade mode.

– If the gas plug is open (letter A showing on top), gas passes through the plug (**a**) and reaches the piston head (**d**)

– Under pressure of the combustion gases, the piston moves backward and uncovers the gas outlet vent (**e**)

– The gas exhaust vent is partially closed by the gas regulator (**c**) the position of which determines the gas exhaust and thus controls the quantity of the gas acting on the piston. The position of the gas regulator sleeve is normally determined when the weapon is fired for gas regulator setting (see gas setting, page 24 on manual)

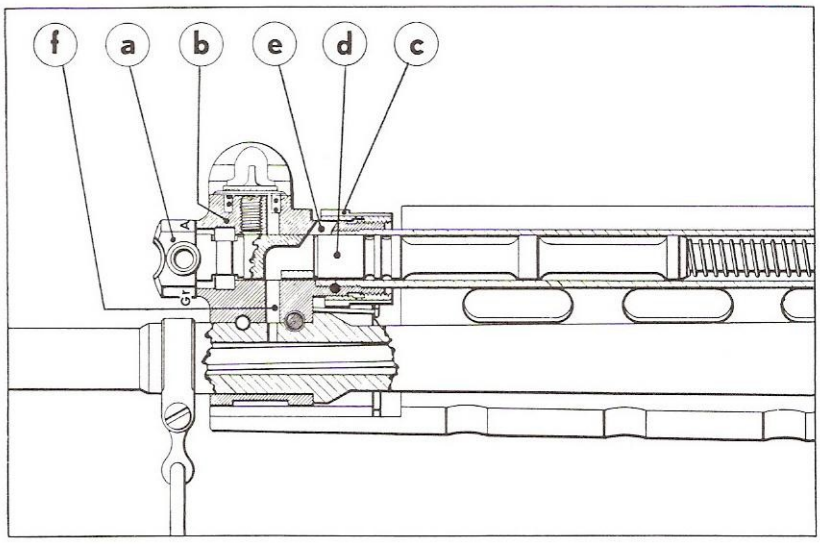

Fig. 4