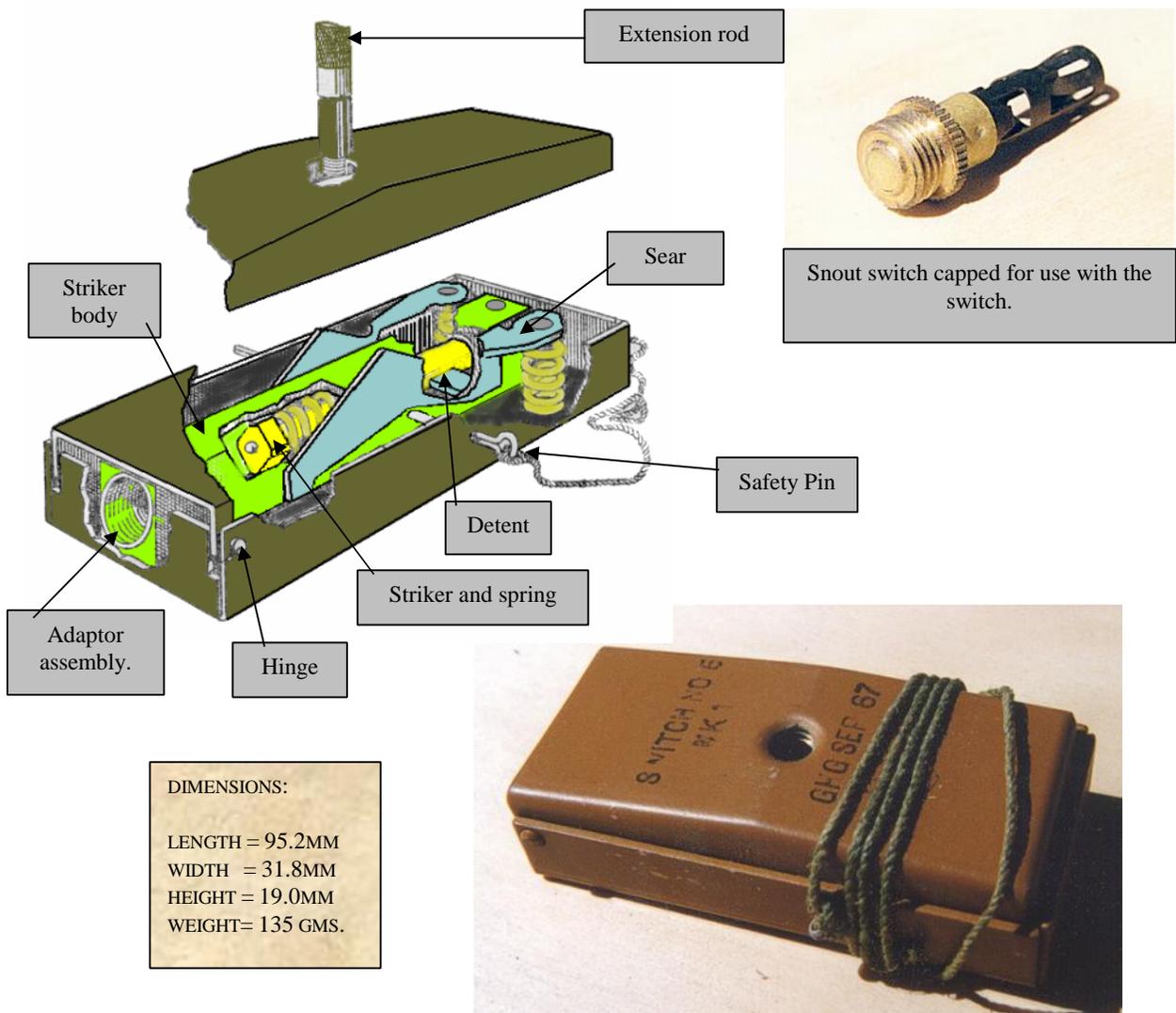


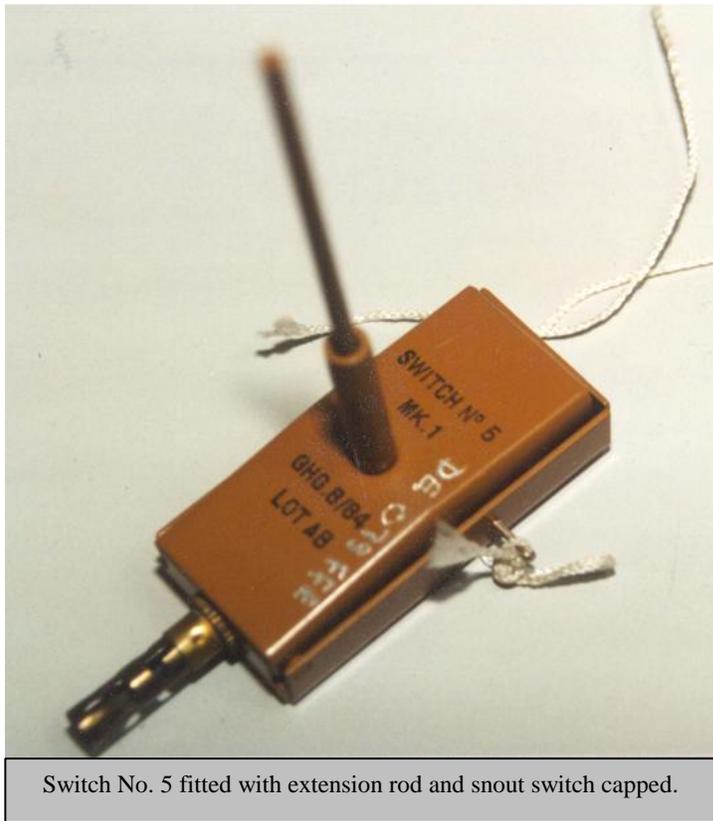
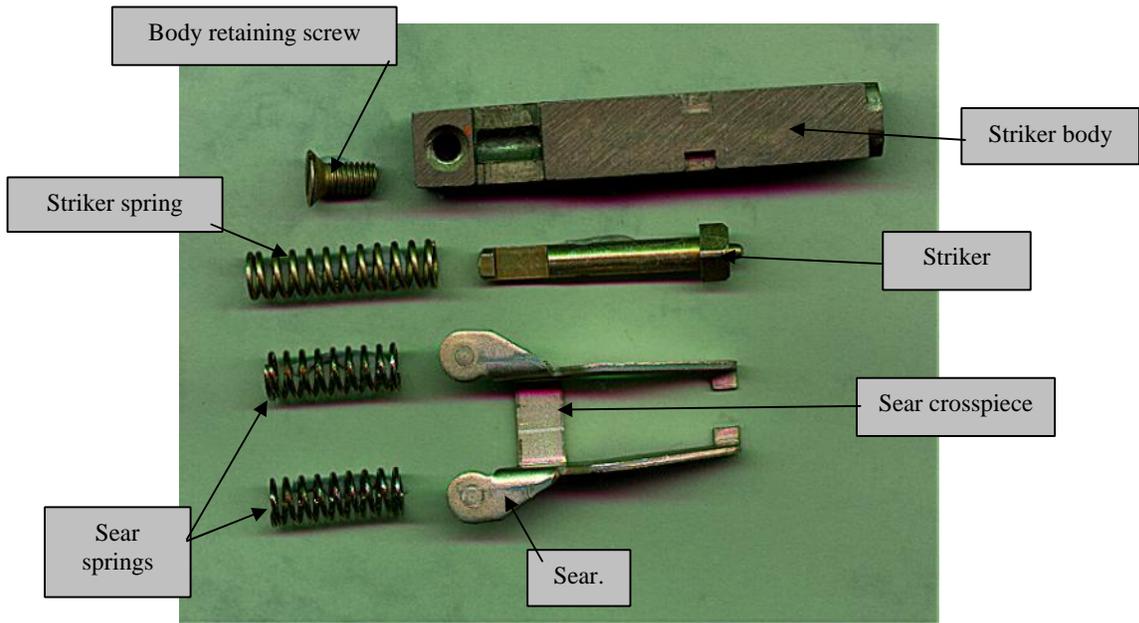
# SWITCH No. 5 PRESSURE

This switch is a simple pressure type with a variable pressure range depending on where the pressure is applied. If the pressure is applied at the end furthest from the hinge then 9.5 kg will activate the switch. If the pressure is applied to the extension bar or the centre of the switch then 22 to 27 kg will activate it. The switch relies on the removal of a crosspiece from a detent in a striker that is under spring tension. The switch is manufactured from steel and will be found painted in olive drab or brown colours.

## OPERATION

After testing the switch for safety purposes it is placed in such a position that the victim will put weight on it. The pressure applied to the lid bears down on the sear and compresses the springs supporting the sear. The movement of the sear causes the crosspiece of the sear to disengage from the striker. The striker spring drives the striker onto the cap of the snout, the flash from which initiates a piece of fuze instantaneous or a detonator.





Switch No. 5 fitted with extension rod and snout switch capped.

## **Testing.**

The following tests must be carried out before the switch is used:

1. Withdraw the safety pin, if the action does not move forward reinsert the safety pin. If the action does move forward discard the switch.

2. Place the switch under the object that is to conceal and operate it and withdraw the safety pin; if the action does not move replace the safety pin and insert the fuze. If the action moves discard the switch.

There should be no resistance when the safety pin is reinserted; if resistance is felt it may be due to the action moving forward slightly and the switch is to be discarded.

## **Arming.**

1. Set the mechanism in close contact with the object that is to conceal or operate it. Using either the extension rod or direct contact with the lid

2. Remove the fuze adaptor assembly.

3. Remove the safety pin and ensure the weight will operate the switch.

4. Reset the mechanism, inserting the fuze adaptor assembly.

5. Put the switch back in place and withdraw the safety pin.

6. Connect the fuze to the detonator.

## **Neutralising.**

Insert a spare safety pin, nail, or a piece of strong wire in the safety pin hole.