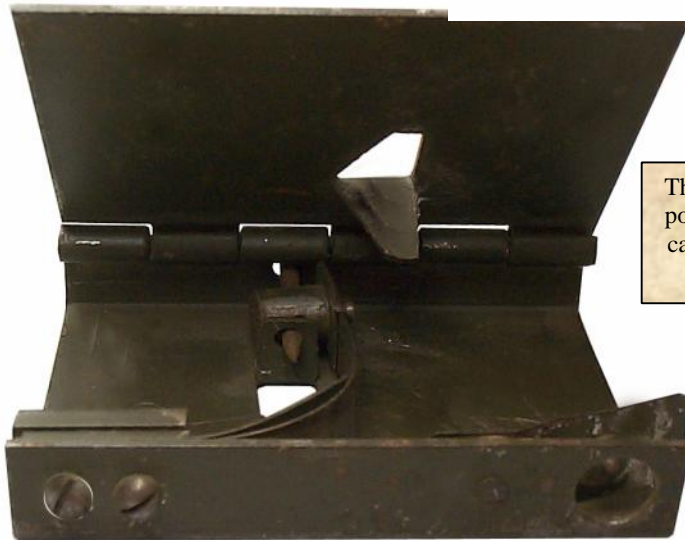


## SWITCH PRESSURE RELEASE No. 3

This switch is a simple pressure release device as the title suggests. A weight is placed on the lid that has a roughly triangular cut-out protruding into the interior of the body. The triangular piece becomes the restraining device for the spring loaded striker. Removal of the weight allows the spring loaded striker to push against the triangular piece and push it upward thus allowing the striker to continue on until it hits a snout switch capped that is holding either a piece of fuze instantaneous or a detonator.

The spring loaded striker is retained in the unarmed position by a safety pin until a weight is placed on top of the lid. The safety pin may then be removed, which arms the device. The weight is now the only thing holding the spring loaded striker in place.

The exterior of the switch clearly showing the triangular cut-out that is the retaining piece.



The switch shown in the unarmed position. The spring loaded striker can be seen being held in position by the safety pin.

The switch shown in the fired position clearly showing the spring leaves and the safety pin holding piece.

