

**OPERATING INSTRUCTIONS
LIGHTNING-BOLT RIFLE VEC 91**

Function:

In principal the functioning of the VEC 91 rifle does not differ from a normal bolt action rifle.

By lifting the bolt handle the bolt is unlocked and opened by being pulled back. By pushing the bolt forward a cartridge will be fed into the firing chamber.

Safety:

Since the ignition of the cartridge is electrical and not mechanical, there is no "cocked" firing mechanism. The ignition current is cut off by the knob safety when it is pulled to the rear, thus makes the rifle safe. By pushing the safety knob forward, revealing a red dot, the rifle will be ready to fire by pulling the trigger.

Trigger:

The adjustable two stage trigger is set for about 3 lb let off. The trigger actuates a microswitch that closes the firing circuit.

Ejection:

Upon firing the caseless cartridge is totally consumed. Extraction is needed only in the case that a live cartridge needs to be cleared off the chamber.

This, in two cases:

1. When the shooter decides not to shoot and the chamber must be unloaded, the bolt should be unlocked and pulled back slowly. The cartridge will be held by the extractor and the ejector tilted to the right through the ejection port, ready to be picked up by the shooter and put back into the magazine.
2. When a misfire occurs and a new cartridge must be fed quickly. By quick cycling the bolt the misfiring cartridge will be thrown out through the ejection port.

Magazine:

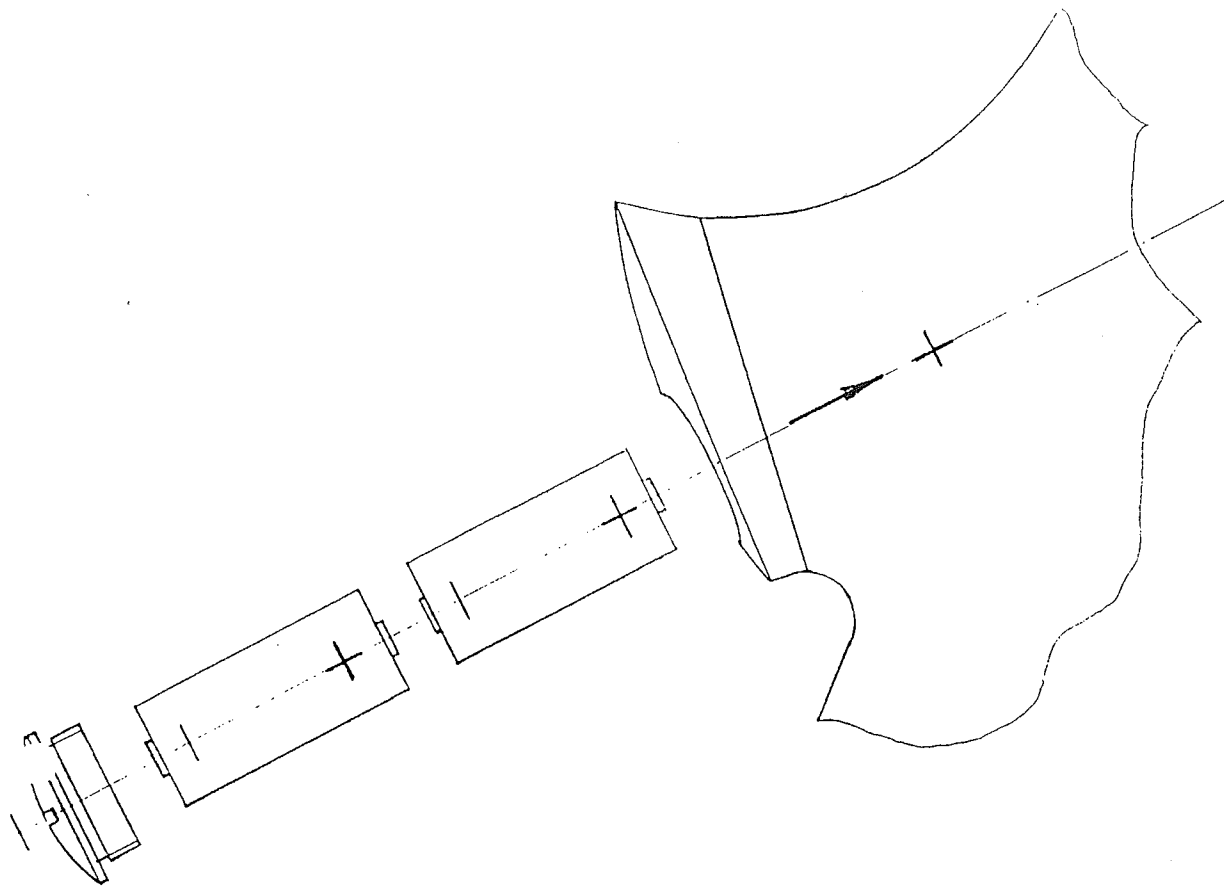
A five shot steel box magazine is held in the rifle by a catch located inside the front of the trigger guard. Pushing the magazine catch forward will release the magazine. A loaded magazine should be pushed into the magazine well upwards. A distinct "click" is heard.

Disassembly:

By pressing the bolt release knob the bolt can be withdrawn clearly out of the rifle.

Batteries:

Two batteries are housed in the pistol grip of the rifle stock. 15V Alkaline batteries for general use in photographic equipment. They should endure for at least 5.000 shots and/or 3 years (VARTA V74PX 15V ALKALINE, PHOTO SPECIAL) Both batteries should be inserted into the rifle, PLUS first. In order to preserve the life length of the batteries it is recommended that the safety (except for shooting) should stay on "safe" at all times. In case of long time storage it is highly recommended that the batteries should be withdrawn out of the rifle in order to make it absolutely safe.



IMPORTANT !!!

Please watch that batteries are located according to sketch, wrong position may cause malfunction and damage to the electronic part.