

INTRODUCTION

Thank you for choosing the Hawk Plain Detonator Crimper and Fuse Cutter. This device has been designed for simple, reliable operation. It will crimp plain detonators up to 7.5 millimetre diameter and from 38 to 65 millimetres in length. Only detonators up to Number 8* strength should be used in the device. The cutter has been designed to cut Safety Fuse, Detonating Cord and Signal (Shock) Tube.

RISK OF INJURY

Crimping plain detonators is dangerous and should only be carried out by certified or qualified and suitably experienced explosives users.

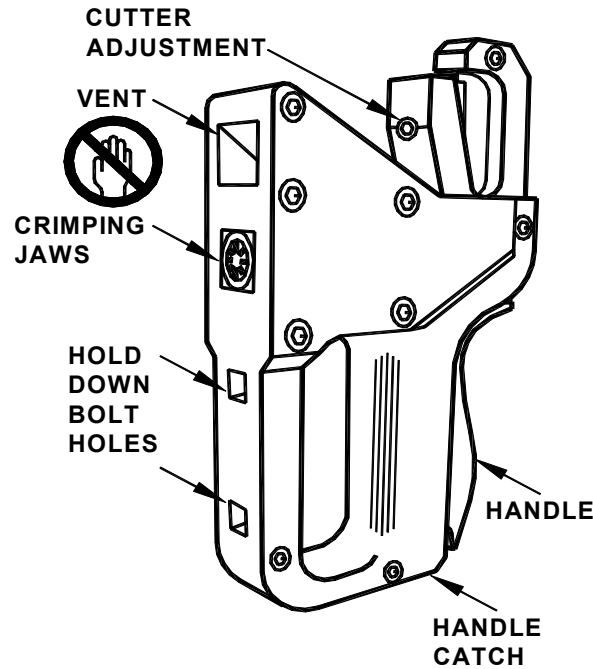
If a detonator does accidentally initiate inside the Hawk Crimper - **YOU COULD STILL BE INJURED**. Your hand may be bruised or jarred or, in the worst case, bones broken by the handle. The Hawk Crimper will contain and direct high velocity gas and detonator case fragments away from your hands, eyes and body, greatly reducing the risk of serious injury.

If you have purchased this product believing it completely eliminates all risk of injury - the unit can be returned for a full refund (prior to use or damage).

STATEMENT OF LIABILITY

Any liability, warranties or guarantees associated with the Hawk Crimper and Cutter are limited to the value of the unit. The unit will be replaced or refunded in case of poor workmanship or material failure. Damage or injury from wear and tear, poor maintenance or inappropriate use is not covered. This includes stripping threads or breaking fasteners due to overtightening. The Manufacturer or Resellers shall not be liable for any direct or indirect costs, or consequential loss associated with the use of this product.

PARTS OF THE UNIT



SAFETY

Before using the Hawk Crimper - you should read these instructions and understand how the device works.

Appropriate Personal Protective Equipment (PPE) shall be worn when using the Hawk Crimper. This includes heavy duty gloves and eye protection. These PPE requirements are in addition to any health and safety requirements at the location of use.

NEVER POINT THE VENT / CRIMPING JAWS AT PART OF YOUR BODY OR ANYBODY NEAR-BY.

CONSUMABLES

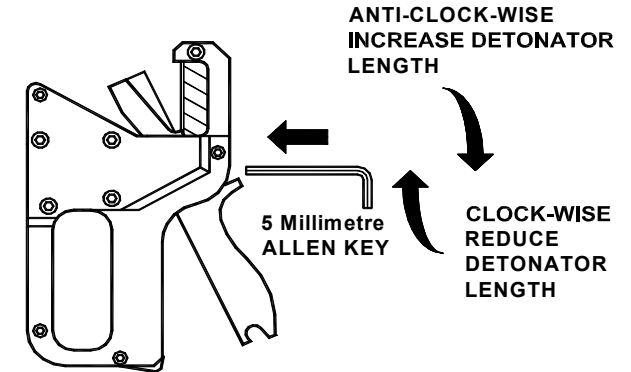
The Hawk uses 6 segments of 18mm wide "snap off" utility knife blade. We recommend a quality brand such as Olfa or Stanley.

When breaking the blades - use extreme caution and either snap the blade using the knife blade holder OR two pairs of pliers.

OPERATION

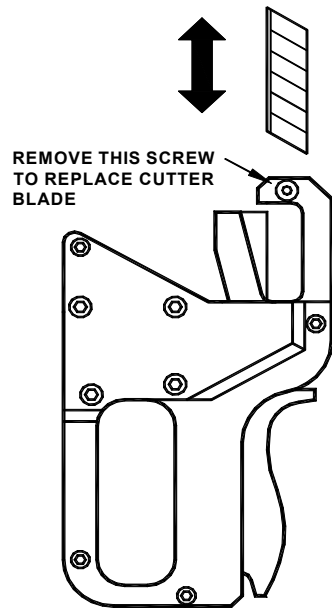
- 1 The Hawk has been factory set for plain detonators 41.5 Millimetres (1.5/8 Inches) long. The open end of the detonator should stop about 3 mm (1/8 inch) BELOW the front face of the crimper.

To adjust the depth of the stop inside the crimper insert a 5 mm Allen Key in the square hole above the handle. Slowly rotate the Allen Key until it engages in the screw head. Rotate the Allen Key as illustrated until the desired depth setting is achieved.



- 2 Inspect the inside of the detonator for debris and clean it, if required.
- 3 Gently insert the detonator into the open crimping jaws. Inspect the end of the detonator to ensure it correctly positioned - 3 mm (1/8 inch) below the front face of the crimper but in front of the 8 (eight) crimping jaws. **NEVER FORCE A DETONATOR INTO THE UNIT.**
- 4 Gently insert the safety fuse into the detonator case using the tip of the thumb and forefinger
- 5 Squeeze the handle slightly until the safety fuse is gripped inside detonator case.
- 6 Remove the thumb and forefinger from in front of the crimping jaws and fully compress the handle. This will complete the crimp.
- 7 Release the handle and gently remove the now capped fuse. The detonator and fuse shall be handled carefully and stored in accordance with local regulations.

MAINTENANCE



All maintenance or adjustment of the unit requires a metric 5 millimetre Allen Key. An imperial 3/16 inch Allen Key can also be used however it is a poor fit in the screws.

To replace the blade - remove the screw shown above, slide out the old blade and slide in the new blade. Replace the screw.

As the plastic cutting anvil wears with use, complete cutting of very thin materials may become difficult. The screw in the base of the handle (refer Parts sketch (overleaf)) can be wound in, to force the anvil onto the cutting blade. The total adjustment is only 1 to 2 millimetres (1/16 inch).

The replace-able blades are high carbon steel and will corrode (rust). Wiping the blade with an oiled rag will prolong the life of the blade.

The crimping jaws and cone should be greased with a small quantity of grease applied with a toothpick or matchstick around each jaw. Graphite powder can be dusted into the rest of the unit.

DO NOT dis-assemble the unit - this may render the unit inoperable or unsafe.

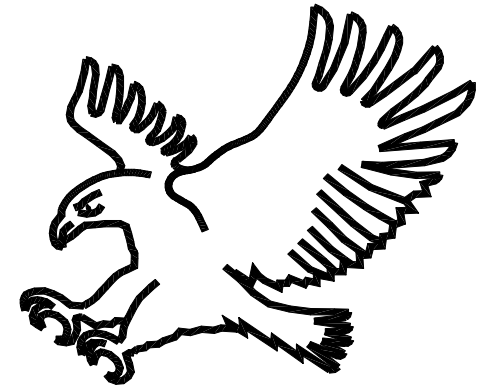
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HAWK



PLAIN DETONATOR CRIMPER AND FUSE CUTTER

INSTRUCTIONS, SAFETY AND MAINTENANCE INFORMATION