

SAFETY FIRST

**Danger - These machines can cause serious injury
Read instructions thoroughly before attempting to install or operate**

All personnel required to operate the trap, or load targets into magazine, should read this instruction manual and be trained by someone knowledgeable as to the safe operation of the equipment.

Do not leave trap cocked when not in use. Not only is this practice very hazardous, but as the mainspring is stretched its useful life will be shortened.

Only one person should operate the trap at any one time.

Do not operate the trap without the safety ring fitted. The safety ring defines the danger zone of the throwing arm rotation.

Do not lift or move the trap by the throwing arm or the safety ring. Do not lean on the safety ring or the clay sweep plate.

Safety glasses must be worn by all personnel within close proximity to the trap to prevent eye injury from flying target fragments.

Always keep children and animals away from the trap machine.

Before approaching the trap for any maintenance, adjustments, or for the loading of targets, be sure the trap is turned off and the battery leads removed. The trap must be “DECOCKED” OR “DISARMED” with the throwing arm visible to the left of the trap.

“VERY IMPORTANT”

Should you have a situation where you wish to adjust the Trap in some way then the procedure for “DECOCKING” or “DISARMING” the Trap MUST be strictly adhered to.

(Instructions on the Trap as well as this manual)

It is possible that although the Trap may be electrically switched off, the arm could be in the Ready To Fire position SO FAILURE TO “DECOCK”- “DISARM” THE TRAP PROPERLY MAY RESULT IN SERIOUS PERSONAL INJURY

THE BOWMAN SUPERMATCH ONE INSTRUCTIONS

THINK SAFETY

These machines can cause serious injury
IMPORTANT - do not attempt to fit battery
until ALL 3 assembly tasks have been
completed

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or operate.

CHECK CONTENTS

Having removed protective card from around auto check contents:

- 1 - Trap fixed to plywood base.
- 1 - Standard clay hopper.
- 1 - Midi clay hopper.
- 1 - Coil of 50m cable & button unit.
- 1 - Yellow safety ring.
- 1 - Small bag containing spare brush + spare twin spring rubbers.

POSITIONING AND FIXING AUTO

Your Auto Trap can be operated from a pallet. However we would recommend a more permanent bolted position or the Bowman Barrow.

FIRST TASK - FIT SAFETY RING

Screw 10mm studding into front of casting and lock off with nut. Remove (R) clips from sockets underneath clay plate and insert ends of safety ring, align holes and secure by pushing (R) clips through socket and safety ring. Finally lock the two 17mm nuts up to the steel tube.

THE SAFETY RING ONLY MARKS THE PERIMETER OF THE DANGER ZONE AND UNDER NO CIRCUMSTANCES SHOULD ANY BODILY PARTS ENTER THIS ZONE.

SECOND TASK - TO FIT MAIN SPRING

For safety reasons your trap is supplied with the main spring detached. To re-attach the main spring rotate the throwing arm until it points straight ahead. In this position there is no tension on the main spring allowing you to fit the M12 bolt through the spring tension block. Tighten the hand nut to the desired spring tension. Once attained lock the 19mm nut up to the hand nut and keep tight.

THIRD TASK - TO FIT STANDARD CLAY HOPPER

Remove all three 6mm wing nuts . Place standard clay hopper with short ends down onto the three stud's now protruding, tighten and keep tight.

WITH ALL 3 TASKS COMPLETED THE TRAP IS NOW READY TO OPERATE

Before loading and firing clays it is advisable to familiarise yourself with the controls. When connecting the battery move to a safe position at the rear of the trap and make sure that NO-ONE is near or within the DANGER ZONE in front of the trap.

Connect the release button plug & socket.
Check program switch is in off position.
connect battery.

TO ARM AND ENERGISE TRAP - Turn program switch to on/run.

The trap will power up and the motor will rotate the throwing arm and stop in the firing position . FIRE TRAP by pressing hand held button .To load clay's into hopper you must DISARM & MAKE SAFE the trap before proceeding any further.

TO DISARM & MAKE SAFE

Flick program switch to nudge fire.
Trap fires but does not re-arm.
Throwing arm is visible to left of trap.
Remove battery lead.

LOAD WITH CLAYS AND TURN PROGRAM SWITCH TO ON/RUN

SAFETY NOTE
WHEN THE TRAP IS IN THE DISARMED OR DECOCKED POSITION
THE ARM IS VISIBLE OUT IN FRONT OR TO THE LEFT

LUBRICATION

The following moving parts of the traps need to be lubricated on a regular basis, (once a month) particularly if traps is left outside in all weather conditions:-

The Iris Jaws

The Twin Spring Supports

The Twin Spring Supports Slider

The Rod End Bearing where The Spring attaches.

The above parts need to be lubricated with a good quality machine oil or a light gun oil, either in an oil can or spray.

The Sprockets underneath the Stainless Steel Cover should be lubricated approximately every six months with grease applied with a paint brush, not fingers.

TO CHANGE FUSE ON 30 AMP RELAY

Position yourself behind the trap looking at instructions on the electric box. All the traps electrics are housed in the 3 position switch box, sealed with a black plastic bung on the left & the right. To change the fuse on the relay ease the right hand bung out of the box with a screwdriver. You will find the 30 amp relay just behind the bung. Inspect the bung to see if it has blown & replace if necessary. You can then reposition the bung & press home.