

# THE BOWMAN SUPER TRAP 2000

## INSTRUCTIONS FOR ASSEMBLY AND USE.

Remove the trap from its box and unwrap the aluminium throwing arm. You should find two 10mm by 50mm bolts, two 10mm flat washers and two 10mm spring washers. To attach the throwing arm, first place the spring washer and washer onto the bolts and place them through the arm assembly. Then with the arm pointing away from the trap base and rubber and rail at the top locate the bolts in the corresponding holes in the arm plate. These may then be screwed down using a suitable spanner, 17mm across flats. The bolts should be tightened and kept tight.

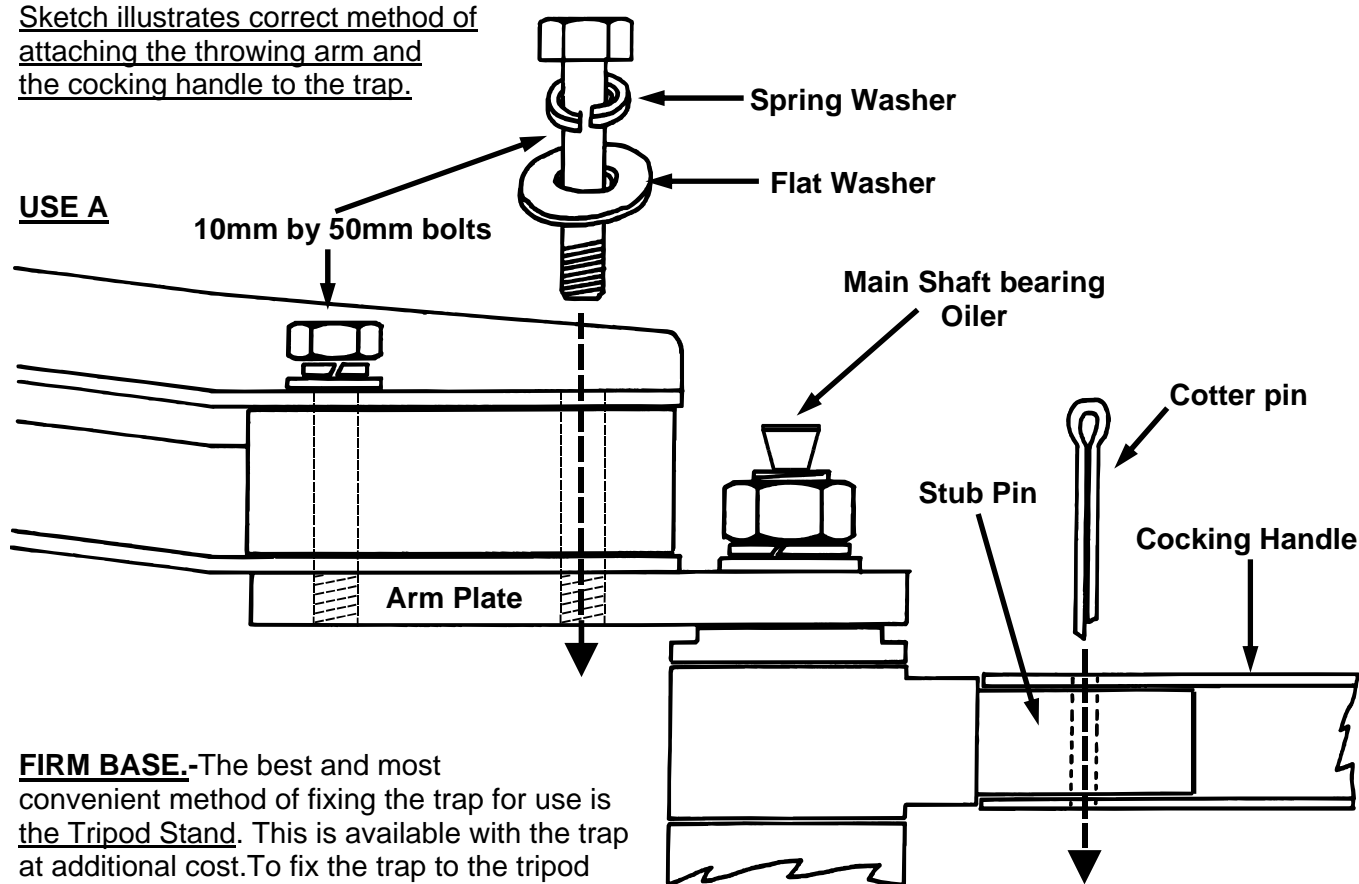
You then need to attach the cocking lever. Remove the cotter pin from the cocking handle stub pin. Push the cocking handle onto the stub pin and locate the cotter pin through the holes in the cocking handle and the stub pin, pushing the pin in from the top. Use a pair of pliers to splay the ends of the pin to prevent it from falling out under use.

## LUBRICATION.

Lubricate the trap regularly at the grease nipples with a grease gun. The main shaft bearings should be lubricated daily with a high viscosity oil or new engine oil DO NOT use W.D. type oil. The oiler is located on top of the main shaft.

**IMPORTANT O-RING BOLT MUST BE REFITTED AFTER OILING. FAILURE TO DO SO WILL INVALIDATE GUARANTEE.**

Sketch illustrates correct method of attaching the throwing arm and the cocking handle to the trap.



**FIRM BASE.**-The best and most convenient method of fixing the trap for use is the Tripod Stand. This is available with the trap at additional cost. To fix the trap to the tripod stand requires just two bolts (provided with the stand) and a 17mm spanner. There are three other fixing holes in the base if you require the trap to be permanently or more securely sited.

## OPERATION.- WEARING GLOVES IS RECOMMENDED

**COCKING AND FIRING THE TRAP.**- Using your left hand grab the cocking handle by its rubber grip and pull it around in an anti-clockwise direction. As you pull back, the one way bearing will grip the main shaft and pull the arm around until it goes over centre and holds on the release catch. At this point, keeping your left hand on the cocking handle, you should place the clay or clays on the arm with your right hand. The trap can then be fired by pressing the red release trigger firmly downwards with your right hand. The arm will rotate under the springs power and launch the targets. The arm will then come to rest at the half-cock position allowing you to move the cocking handle to your left (clockwise) and repeat the cocking procedure.

**ADJUSTING THE SPRING TENSION.**- Unlock the hand nut by first loosening the lock nut. Turning the handnut allows the initial tension on the spring to be increased or decreased as desired. Increasing the tension will increase the distance and speed of the clay thrown. The opposite is true of decreasing the spring tension. Once the desired tension is achieved then the lock nut should be tightened to prevent the handnut from turning as the trap is used.

**TO THROW SINGLE BIRDS.**- Slide a clay under the clip on the top arm with its rim under the rubber rail at a position approx. 3" (75mm) from the closest arm fixing bolt.

The flight of the clay is varied by the position of the clay upon the arm. Closer to the pivot point throws a bird left, further away from the pivot throws to the right.

**TO THROW DOUBLES.**- The second clay is placed on the lower arm in the same manner as for single birds. The angle between the two targets is determined by their relative placing on the arms, the further apart they are the wider the spread of the pair will be.

### **SAFETY.**

When operating the Super Trap 2000 be aware of the danger area that the arm sweeps through when fired, as marked on the diagram to the right.

Keep spectators away from the trap at all times and **NEVER** allow anyone to stand in the danger area. Be aware of where the clays will be thrown. Make sure there is no danger that passers by will enter the area of the clays flight.

Keep your left hand on the black rubber hand grip of the cocking handle at all times. Load clays on to the arm and press the red handled trigger to fire the trap with your right hand. Avoid crossing the centreline of the trap with the cocking handle while operating.

### **NEVER LEAVE THE TRAP COCKED.**

When you have finished using the trap it should be in its half-cocked position as in the photo to the right.



# THE SUPERTRAP TRIPOD STAND

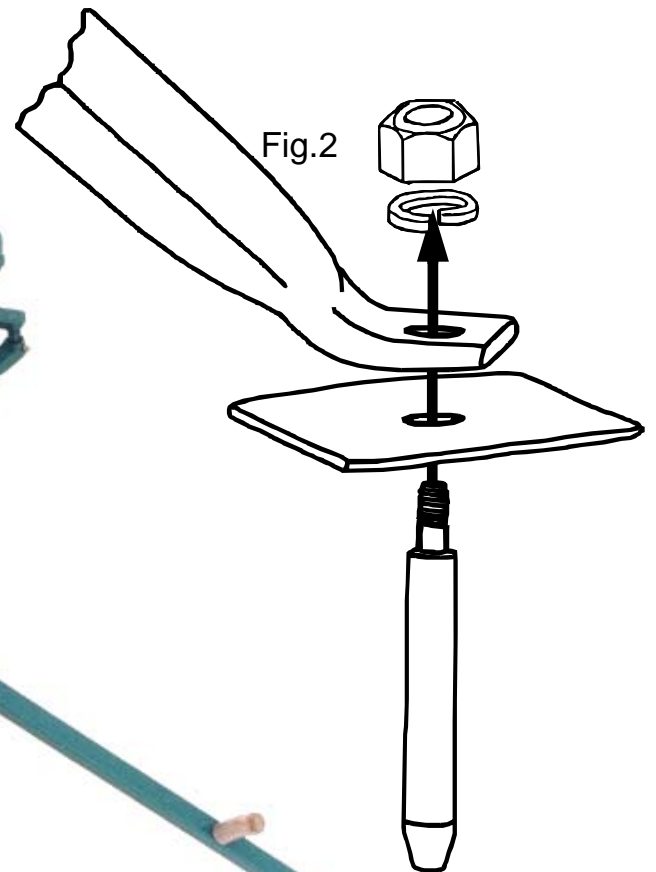
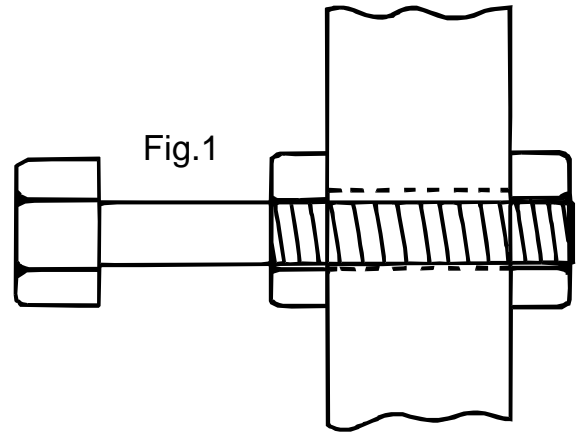
After removing the tripod stand from its box you should unfold the legs to their full extent, stand on floor and place the separate seat into the seat tube.

You should then locate the assembly pack which contains:-

- 2 turf spikes
- 2 foot plates
- 2 stirrup bolts
- 2 reinforced plastic stirrup tubes
- 2 trap fixing bolts

First place the stirrup bolts through the holes in the legs as shown in fig.1. Tighten the nuts firmly and then push the reinforced plastic tubes over the protruding bolt head.

Then attach the foot plates and turf spikes as shown in fig.2



The stand complete and assembled with a Super Trap 2000 should look as the picture to the right.



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## SUPER TRAP 2000 ELEVATING BASE

Adjusting the elevation angle on the Super Trap 2000 **MUST NOT** be attempted whilst the trap is cocked.

The correct procedure is to adjust the elevation angle while the trap is at its half-cock position.

This is done by first slackening the lever operated screw until the trap body may be moved freely up or down. When the desired angle is achieved the lock screw should be **FIRMLY** tightened.

The photographs to the right show a Super Trap 3 being adjusted for elevation. The procedure is identical on the Super Trap 2000.



The upper photograph shows the maximum angle of elevation obtainable while the trap is fixed to a Super 2 sled stand and the lower photo shows the minimum.

