

# SHOOTOUT

## Screw Ejecting Screw Riveting Screw Flaring Screw Slotting

The SHOOTOUT multi-purpose frame repair tool is a precision instrument. Please follow these instructions for years of trouble-free service.

### Screw Ejecting



**Instructions:** To assure the best performance from The SHOOTOUT avoid excessive pressure and always check for proper alignment of the punch point, screw end, screw head and anvil. **If too much pressure is used or the components are not lined up properly, the point or anvil will break.** In addition, if the anvil is too large for the particular frame's barrel, the temple will twist and a point or anvil will snap.

If you feel the temple twisting, stop applying pressure immediately, realign components, and check that the anvil diameter is not too small for the screw head. The screw head must fit inside the anvil or the screw will not move through the barrel.

### Hinge Riveting

#### Replace the screw in a stripped barrel with a semi-permanent rivet!!!

Whenever you punch out a screw from a barrel the threads inside the barrel are destroyed. In repairing the barrel you usually use a self-tapping screw or re-tap the barrel and use an oversize screw. These methods are both time consuming and require a variety of taps, screw sizes and patience. Western Optical Supply has come up with a quick and easy solution that will facilitate repairs on stripped barrels.

**Instructions:** Set up The Shootout using the cupped point and the solid anvil. Insert the rivet into the as-sembled hinge from the top. Using an end cutter plier, snip off the excess rivet stem leaving only 2mm protruding below the barrel. Using The SHOOTOUT place the head of the rivet against the solid anvil and the clipped rivet end into the cupped point. **GENTLY** squeeze. The clipped end of the rivet will mushroom while being compressed and expand within the barrel.



This is a temporary repair. It will, however, repair the temple until a replacement pair of glasses is dispensed to the patient.



#2042 Rivet Gold, Silver or Gun Metal

#2042 Anvil Solid

#2042 Point Cupped

### Screw Flaring

#### Stops screws from backing out of hinges.



#2042 Point Cupped

#2042 Anvil Solid

#2042 Point Flare

**Instructions:** Install the cupped or flaring point and solid anvil into The SHOOTOUT. Finger tighten only.

Position the head of the screw on the solid anvil. Center the apex of the flaring point or the cupped point on the end of the screw.

Apply **SLIGHT** pressure when bringing the point down on the end of the screw. Using easy pressure the point will spread the screw outward (flaring point) or mushroom the end (cupped point). Stop applying pressure once you see the screw distort just slightly. Too much pressure may damage the screw and hinge.

## Screw Slotting

### Create a driver blade slot in a damaged screw head.



#2042 Anvil Solid



#2042 Point Slot

**Instructions:** Screw the slotting point and solid anvil into The SHOOTOUT. Finger tighten only. Position the end of the screw on the solid anvil. Center the apex of the slotting point on the head of the screw.



Apply **SLIGHT** pressure when bringing the slotted point down on to the head of the screw. Using gentle pressure the slotting point will indent a groove into the head of the screw. Stop applying pressure once you see the groove created. Too much pressure may split the screw and hinge.

## Repair:

When a point or anvil breaks the threaded portion left in the head or the piston usually has a slight ridge against which you can gently push counter clockwise to work the screw nub out. Hold The SHOOTOUT body securely against a counter top or in a vise. Using a sharp pointed object push gently against the nub to work it out. You can also push against the threads. Be gentle and patient and the part will come out. Replacement punch points and anvils should be oiled slightly before being hand screwed into place to avoid over tightening.

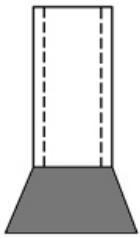
## Warning:

Be careful not to place fingers in the area of the punch and anvil. If The SHOOTOUT lever closes while your finger is on the anvil, injury may occur. Do not place fingers between the handles as they are being closed to avoid pinching fingers.

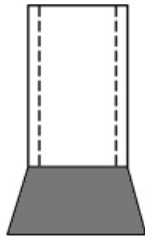
## Maintenance:

With time and use The SHOOTOUT will need to be oiled. With The SHOOTOUT handles closed place a drop of oil on the end of the piston. Spread the handles open and place a drop of oil on each side of the handle where it enters the body of The SHOOTOUT. Let this oil run down inside the body. This process will allow the handle to work freely. Wipe off any excess.

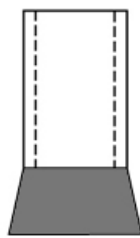
## Replacement points and anvils



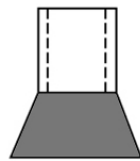
#2042AN  
2.0mm hollow  
Anvil Narrow



#2042A  
2.7mm hollow  
Anvil



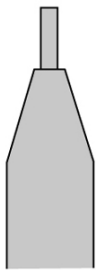
#2042AW  
3mm hollow  
Anvil Wide



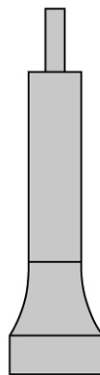
#2042EA  
Eye Anvil



#2042AS  
Solid Anvil



#2042P  
Hinge Screw Punch



#2042EP  
Eyewire Screw Punch



#2042PF  
Point Flare



#2042PS  
Point Slot



#2042PC  
Point Cupped