



U.S. Patent No. 6,047,490 • Patents Pending

Fire Cartridges with your Cap & Ball revolver

Remington Porting Instructions

Creating a Loading Port in a repro Remington percussion revolver recoil shield.

Remove: loading lever assembly, cylinder pin and cylinder, grip panels, trigger guard and all internal parts.

Wrap several layers of masking tape (or duct tape) around the barrel and forward end of revolver frame, ahead of cylinder opening. This is to protect the finish of your revolver while the work is in progress.

Install the **Kirst Konverter** in the revolver and insert the cylinder pin. Open the loading gate and mark the top and bottom of the loading groove on the recoil shield with a black Sharpie

Securely clamp the barrel in a bench vise on the top and bottom barrel flats, so that the frame is lying flat with the right recoil shield up.

Remove the **Kirst Konverter**.

Using a Dremel tool with a 5/8" diameter course drum sander, carefully grind away the loading port. You should have a few extra sanding drums available so you can replace the drum as it wears and cuts less efficiently. *Always wear eye protection* when grinding! A slow in-out motion with light pressure on the sander will do the best and quickest job of removing steel.

Occasionally install the **Kirst Konverter** and check progress. As you approach full depth install the **Kirst Konverter** and insert **NEW, EMPTY** cartridge cases into each chamber, checking for sufficient rim ejection clearance in the ported area. If rims hang up, remove the cylinder and very gradually grind a little more material from the port. Recheck cartridge rim clearance.

When you have sufficient rim clearance: replace the course drum with a diameter fine drum in the Dremel tool and finish polishing the port. This will take only a few strokes of the fine sanding drum.

You may now use a small; half round, fine toothed file, or similar abrasive device, to carefully remove the burrs and sharp edges. Polish the bright metal with 400 grit sand cloth and 4-0 steel wool and re-blue the exposed metal with your choice of cold blue.

This job will take approximately 2 to 3 hours if you stop occasionally to let the work cool.