



# Power Custom Inc.

## COLT SINGLE ACTION PAWL SPRING AND PLUNGER DRILL GUIDE KIT

Designed by Ron Power to alter Colt and Colt clone single action revolvers to accept a Ruger pawl spring and plunger. This alteration will put a end to replacing the fragile Colt designed spring of the mid 1800s. This type of alteration generally allows the use of the factory pawl. If pawl needs replacing, use the Power Custom over size Colt SAA Pawl.

Material—Heat treated A-2 tool steel with heat treated finish.

1 Drill guide

1 #33 drill

1 Pawl spring and plunger

For replacement Pawl spring and plunger, Use Ruger factory #XRNSA2

### Instructions

1. Remove back strap and front strap from frame. Remove hammer and pawl.
2. Place drill guide on rear of frame in hammer slot. Lineup rear grip frame screw holes with guide and use factory rear right back strap screw to hold guide in proper place. Recommend using the Power Custom CSA Assembly blocks with a drill press.
3. Use #33 drill and spot rear of frame, just to the depth of the diameter of drill. Remove drill guide and check to see if there is enough area of frame to drill hole. The edge of the hole should be just below the upper left corner of the rear of the frame. Be sure there is room for the hole.  
**NOTE!** Some good case hardened frames will require grinding through the case hardening in order to drill the hole. After skinning through the case hardening, replace the drill guide and right back strap screw.
4. Use a cutting lubricant and drill #33 hole through, in to the pawl relief.
5. Remove any burrs. Install hammer and pawl. Install the plunger and spring.

Reassemble the rest of the parts.

### OVERSIZE COLT SINGLE ACTION PAWL

Material is A-2 tool steel with heated treat finish.

Pawl is oversize enough for use on 1st, 2nd, 3rd generation Colts and most clones.

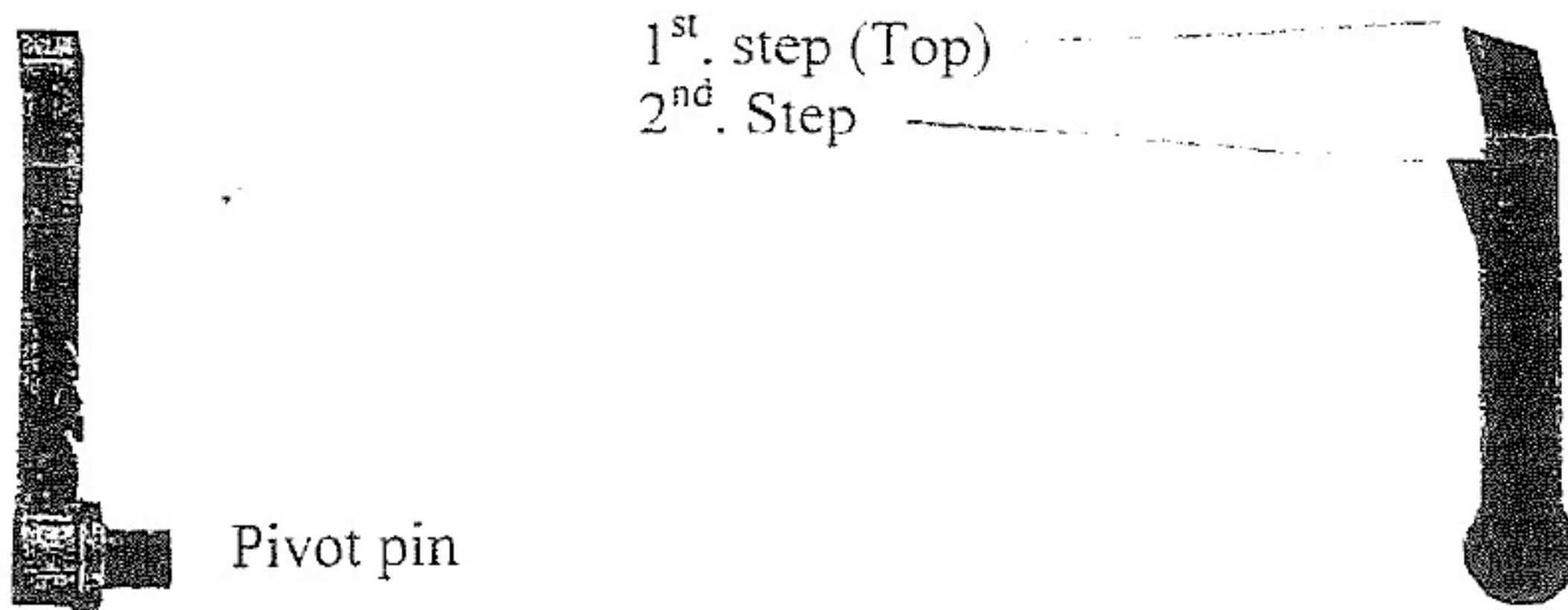
Requires proper fitting by a qualified gunsmith.



## Power Custom Ruger O.M. (3 screw) Pawls

Material --Heat treated A-2 steel

Application--All Old Model (3screw) Rugers, Center fires, Blackhawk Super Blackhawk. May be altered to work on O.M. Single-Six.



Pivot pin—Be sure that the pawl is free to rotate when pin in pin pivot hole in hammer.  
1<sup>st</sup>. step(top)---the height of the top of the pawl determines how soon it picks up the ratchet after the cylinder latch releases the cylinder. The load on the ratchets if transferred from the 1<sup>st</sup> step the 2<sup>nd</sup> step as the hammer is drawn to the rear has to be a smooth transfer. The height of the second step is one of the deciding factors on how far the cylinder rotates of final lock up. If it is too long, it will not allow the hammer to be cocked far enough for the sear to engage in the hammer full cock notch.

The 1<sup>st</sup> step of the pawl and the height of the trigger sear in relation to the location of the half cock notch of the hammer determine the location of the chamber alignment with the relief of the load gate relief when the cylinder is rotated counter clock wise when on half cock. Be sure that you understand the timing of cycling of the action of the single action revolver. That why we recommend this part to be fitted and installed by a qualified gunsmith.