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Product: **SpringKeeper**®

Part Number: AE100

Instructions

Rev: April 2, 2018



Description:

Armorers Edge **SpringKeeper**® enhances the maintenance of Ruger® Vacquero® and Blackhawk® pistols by securing the loading gate spring during assembly and disassembly. The **SpringKeeper** slips over the frame of the pistol, and holds the gate spring down to facilitate removal of the trigger/bolt pin. The **SpringKeeper**'s housing is machined from solid aluminum and will not mar the pistol's finish, and the unique brass thumb screw will apply pressure on the loading gate's spring without scratching its surface or the surfaces of nearby components.

CAUTION:

1. Ensure that the pistol is unloaded before proceeding with any service functions.
2. Do not keep live ammunition on the workbench or near the pistol during service functions.
3. Always wear eye protection. Be aware that springs have the potential to jump out of place during servicing.
4. Work over a clean flat surface. Small parts can roll off a tilted surface.
5. Follow installation instructions carefully. Do not apply greater pressure on the spring than is necessary to push the spring down the necessary distance to remove pin.
6. Keep small parts in a container where they cannot be knocked off the workbench surface.

Disassembly Instructions:

1. Remove grips, secure hammer spring, release trigger spring, and remove trigger frame in the traditional manner. Put parts in protective tray or dish.
2. Remove cylinder pin and cylinder.
3. Place **SpringKeeper** over frame and align nose of the brass thumb screw with the high curvature of the loading gate's spring.
4. Tighten brass thumb wheel until the spring moves away from the indent in the bolt/trigger pin. Remove pin by pushing it toward the loading-gate side of frame. (See Fig. 1)
5. As soon as the detent in pin is free of the frame, remove **SpringKeeper** and draw the pin out of the frame.

Assembly Instructions:

1. Install hammer, pawl, and transfer bar. Install hammer pin (ensuring the detent in hammer pin is on left side of frame).
2. Ensure gate is in place and install bolt and gate spring.
3. Place **SpringKeeper** over frame and align nose of the brass thumb screw with the high curvature of the loading gate's spring
4. Snug brass thumb wheel until spring is depressed far enough to allow entry of pin over the spring (Fig. 1). Once pin passes over spring and into next hole in frame, remove the **SpringKeeper**.
4. Pass pin into hole in bolt.
5. Pull up on transfer bar and insert pivot into trigger. Insert trigger into frame and push pin into frame until detent clicks in place under spring.

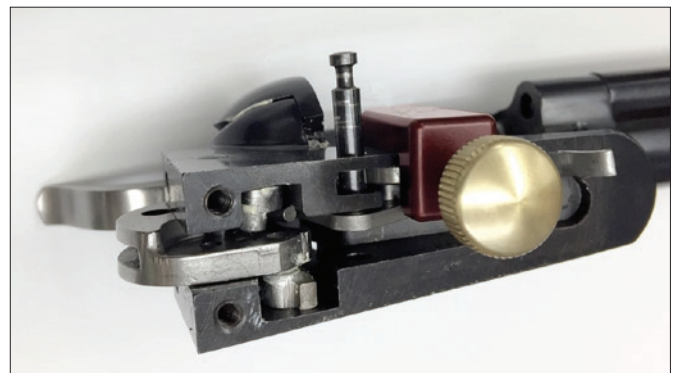


Fig. 1