

High Standard Recoil Spring Replacement Models 102-107

TOOLS REQUIRED:

- 1/16" roll pin punch
- soft mallet (wood or leather)
- .200" punch with at least a 3 inch straight section or a piece of steel rod about .200" diameter,
- long tapered punch that tapers from 1/8" to more than .200",
- counter-sink cutter or reamer
- white cotton sweat sock(color is optional)
- a non-marring (aluminum, brass, nylon) piece approx. 3" x 1/4" x 1/2"
- bench vise.

Caution- the tips of the rails at the rear of the slide are soft and are easily bent – never support the rear of the slide on a hard surface and never strike the rear of the slide directly. Always insert the large non-marring drift into the back of the slide to support it (steps : D3, R2, R3, R4)

Disassembly:

1. Remove the extractor, plunger and spring.
2. Drive out roll pin in the front of the slide that holds the recoil spring button in leaving the roll pin punch in the hole. Hi-Standard slides are made of soft steel and the hole that the button sits in is probably going to be peened over so the button shouldn't come flying out, but just in case be ready to catch it.
3. Remove the roll pin punch and with one of the bigger punches and mallet drive the recoil spring retaining button back far enough for you to reinsert the roll pin punch into the hole that the roll pin came out of. Reinsert the punch in the hole to make sure the button doesn't fly out and using the countersink cutter, cut a slight bevel at the mouth of the hole. If you don't do this you risk breaking the recoil spring guide in the next step.
4. Put the mouth of the sweat sock over the front of the slide and remove the roll pin punch. Taping the sock to the slide is optional but recommended.
5. Clamp the long punch or steel rod in the vise pointing up. Press the back of the recoil guide against the rod and fully compress the spring. Smack the front of the slide (which is covered by the sock) with the soft mallet on the side where the extractor was. This will drive the recoil spring retaining button out allowing it and the spring to fly into the sock.

Reassembly:

1. Put the new spring on the recoil spring guide. The small end of the spring goes toward the back of the gun. It should be a tight fit sliding onto the spring guide. Reinsert the recoil guide and spring in the gun.
2. There will be about 2 inches of spring sticking out the front. Insert the tapered punch into the spring and compress it. As far as you can. Insert the roll pin punch into the roll pin hole to capture the spring. If the whole spring is not behind the pin punch, wrestle with it until you get the whole spring captured.
3. Start the recoil spring retaining button in the hole and tap it into the hole firmly but not up against the roll pin punch.
4. Turn the slide face down on a hard surface. Press the whole assembly against the hard surface, remove the roll pin punch, insert the non-marring drift into the back of the slide firmly against the vertical surface that the back of the firing pin projects from. Hit the drift with the soft mallet until the button is flush with the front of the slide.
5. Hold the slide tightly against the flat surface while reinserting the roll pin punch from the bottom of the slide to capture the button.
6. Lift the slide off the hard surface and start the roll pin in the top of the slide. Drive the roll pin in, driving out the punch.
7. Put the extractor back in and you are done.

Alternate method:

Send me the slide and a twenty-dollar bill plus \$6.00 for shipping and I'll replace the recoil spring and ship it back the next day. That includes the cost of the spring.

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