Crosman Deluxe Two Stage Trigger Kit

This two stage trigger kit is an OEM part on the much more expensive Marauder Pistol. With a bit of work, it’s now compatible with the 2240, 2250, 2260, 2300S, 2300T, 2300KT, 2400KT, 1322, 1377, P1322, P1377 and 2289.

Note: The term “hammer” is used interchangeably with “striker” in this instruction sheet.

As a quick brief, here are your install options, depending on gun:

**Normal 2240 or 2250**: You can install just the trigger kit (without swapping hammers) in less than a minute. The limitation with not swapping hammers is that you will have to hold the trigger in to cock the gun. Installing the hammer will alleviate that limitation.

**2300/2400 Series (or a 2240/2250 with “hidden screw” breeches)**: These guns feature Crosman’s “hidden screw” breech. This means that the front breech screw is hidden underneath the bolt at all times, even when the bolt is cocked (in contrast to the “normal screw” breeches where it’s exposed). Since the screw is farther back, the OEM hammer has been notched to accommodate the screw’s rearward location. For the curious, Crosman created the “hidden screw” breech so that pellets don’t become jammed in the screw hole. Common problem.

**Pumpers (1377, 1322, etc)**: These installs require the most work (for me) as the striker is milled from scratch. For the installer, there is no difference except a small cup washer has been included to fit on the rear tube-to-frame screw to create proper spacing for the sear.
1) Remove current grip frame by unscrewing the two frame-to-tube screws with a #2 Square Bit
   a. (or, less preferably, a slotted screwdriver).

2) Remove breech assembly by removing front breech screw (.050” hex) and rear sight screw (slotted).
   a. Caution! As you remove rear sight screw, the hammer cover plate will fly off the gun with force
      due to the compressed hammer spring. Hold it with your finger and gently release. Watch your
      eyes and face!!!

3) CO₂ guns only: Loosen barrel band set screws with 5/64” hex.
   a. This should allow the entire upper to be removed.

4) Remove hammer by pushing it as far back as it will go and remove hammer pin through pin guide slot.
   a. Hammer will now fall out the back side of the gun.

5) Insert replacement hammer and reinstall pin.
   a. The polished end of the hammer goes in first.
   b. The hollowed end, to the rear, is for the hammer spring.
   c. The hammer is designed with a press fit for the pin. You may have to tap the pin into the
      hammer, with some force, with a ball peen hammer.
      i. If you need to remove it, use serrated vise grips (and/or brass grips) as shown in the
         photos below. Grasping with the “V’s” on the jaws will minimize chewing up the
         hammer pin.

6) Reinstall breech and barrel assembly.
   a. There is a definite finesse involved with bolt location as you reinstall the upper. The bolt has to
      be in front of the hammer pin. See my Steel Breech Install Instructions for full details.

7) Install new two stage grip frame.
   a. Ensure that the tiny safety spring and ball bearing (what the tape was protecting) are still inside
      frame. Otherwise, your safety bar will slop from side to side.
   b. EXTREMELY IMPORTANT. Tighten the front frame-to-tube screw first. Then, hold the
      trigger in (to relieve sear tension) as you tighten the rear screw.
      i. Pump Guns Only: Install the cup washer BETWEEN THE TUBE AND GRIP FRAME.
         This gives the sear the required spacing it needs for proper action. See next page.
      ii. If you find the bolt is not locking, tighten or loosen the rear screw as needed.
Grasp pin with serrated vise grip jaws to minimize surface damage to the pin.
13xx (Pumper) Only:

Cup washer goes here, slid onto screw, between main tube and grip frame. Rotate cup so that the tube “sits” in the washer’s cup.