



# ALLIANCE HOBBY

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## 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.

**STOP!**  
If you read nothing else, at least read this:  
Hold the trigger in as you tighten the rear mounting screw. Else you risk the chance of breaking the sear as it engages the tube.

- 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) CO<sub>2</sub> 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.
- 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.



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.