

Model 597

- Produced in Mayfield KY – 1996
- Semi-Auto Rifle – Therefore the trigger must be pulled then released in order for it to cycle the rounds. (Hammer has to reset between each shot) Some of the gas pressure from each shot is used to push or blow back the bolt to cycle the next round.
- What makes the Model 597 more accurate than the other .22 remfires on the market?? 1.) 2 guild rails that make it more consistent. Consistency leads to more accuracy. 2) Button Rifling in BBL's 3) The way the BBL is affixed to the receiver. { Barrel Clamp and Barrel Clamp Screw }
- 597's with a heavy BBL and LSS comes with scope rails in the box. All other models equipped with rifled sights.
- 597 Magnums have a 4 action springs – each action bar has 2 springs
- Rear sight assembly changed in 1999. The old sights assembly had a screw in spring. If consumer is having an issue with old rear sight, send out 700 rear sight assembly.

Disassembly of 597

- **Stock** – Remove the take down screws - Use 1/8" allen wrench - Short/Front Long/Back
- Torque Specs for someone who wants specifics = 20-25 inch/pounds --- normally hand tight is standard response
- **Trigger Assembly** – Remove Drift Pen .. Push out Trigger Housing Assembly
- If the hammer is NOT resetting or cocking .. Trigger Lenkage is broken - The Trigger Housing Assembly (THA) can be sent in under warranty.
- Approx. Jan. 2001 the **ejector** was given a design change. If the consumer is complaining of jamming, could be old style ejector or clip. (internal FYI – All RARC will check to make sure any 597 has the old style ejector, if so the ejector is updated free of charge.)
- The .22 **Receiver** is made of a Alum. Alloy (cast molded)
- **Bolt** is made of Nickel Plated Tungston Steel
- Remington recommends consumer clean firearm and use Rem Action Cleaner at least once a year
- **Bolt Assembly** – Rem. only remfire models with a Rounded firing pen.
- **"Hole in Bolt"** – If consumer complains of hole in bolt.. reassure consumer it is suppose to have a hole, the hole in the bolt (on bottom side of bolt) is made that way to ad in the manufacturing process.
- At one point we used nickel plated guide rails, but the nickel plating would flake off can caused functioning problems, so we switched to a blued steel guild rails
- BBL and Receiver = BBL Assembly
- BBL and Receiver and Bolt Assembly = Barreled Assembly

- Finish on the 597 is Bead Blasted – Tiny glass bead use to give texture
- Bluing in controlled rust: It is a chemical process
- Receiver has a powder coating
- **Clip Cleaning** : Soapy Water
- If follower in clip is Red = Old style clip
- **NEW MAG CLIP** : Will say both 17 and 22 win mag if it will work for both calibers
- **Old Clips** – Only w/ .22
- **New Mag clips will work in old mag guns**