

597's

597 was the first gun to come out of the Mayfield plant when it opened in '96. We shipped the first one out in '97.

The 597 was to be inexpensive, lightweight, very accurate, semi-auto.

Mayfield is all modern machinery. Computer was used extensively to design this gun (and the 710). This was made specifically for Mayfield. This was one of Elizabethtown's 1st projects. Mike McKinney was the designing engineer.

Rimfire guns in general have been made the same way for 100+ years.

The 597 is not hammer forged. It is button rifled (cut to dimension needed then inserted with a mandrel that cuts the rifling in when pushed in. Button rifling is less stressful to metal. This makes for better accuracy.

Barrel is screwed into the barrel extension. BBL ext. is hooked into receiver. (All 22 receivers now are made of air craft quality aluminum). The receiver is more or less just to hold the bolt. No pressure on a 22 is in the receiver so aluminum is fine. Both of the above parts are restricted.

BBL ext. is held onto receiver by clamp and screw.

The rear site is the same as model 700. Front site is held on by one screw. Rear site is several different parts:

Base

Base slide

Aperature (has V to be lined up)

Two base screws

Elevation Screw (on side)

Windage screw

*****Note there are two types of back sites.

Lock tight will hold screws tight but you can still get them off.

*****USE RED LOCK TIGHT ONLY ON FIREARMS

The receiver is restricted except to RARC's but a new gun is cheaper so we don't really sell to RARC's either. Cracked receivers need to come back to Ilion-(NOT MAYFIELD-NOT RARC)

NEVER SEND CANADIAN GUN TO FACTORY-ALWAYS FIND A REPAIR CENTER IN CANADA

Trigger assembly is extremely simple. The only part that folks can get is the whole thing (trigger housing assembly).