

Receiver: Long action receivers are physically longer to accommodate longer cartridges. The recoil lug is listed as the barrel bracket on the parts list.

3 Rings of Steel: The Model 700 was the first rifle to have the 3-rings of steel, this is the portion of the firearm that the receiver, barrel, and bolt are all lined up to form 3 rings of steel. This is for strength. Most of the pressure is in this portion of the rifle.

Barrel: Hammer forged barrel on standard production rifles. Button rifled on Custom Shop rifles. Barrels are threaded into receiver & held in with lock tight.

A heavy barrel disperses heat much better, (heat is the enemy of accuracy), and helps with rigidity.

Sendero SF and VSSF has fluting. This gives more surface area. It cools better and makes it more rigid.

Barrel rate of twist: Faster rate of twist is for heavier bullets. Our rates of twist are made to stabilize any bullet in that caliber load-this is not necessarily true for reloads.

All 700 guns w/ standard barrels(not heavy) just blued we put front and rear sites on it. There are none on the stainless steel barrels.

Magazine: Double stack magazine.

We just started making the detachable magazine models in 1993.

We do not make detachable magazine ultra mags because our current magazines won't fit.

Except

The new custom shop African Game Rifle. It is detachable but it is completely different system. It is a single stack magazine.

ADL & BDL: ADL doesn't have a hinged floorplate or detachable magazine. It has a blind box magazine which means it has to be loaded and unloaded from the top. BDL has either Hinged Floor Plate or Detachable Mag. Cannot change an ADL or a BDL (hinged floorplate) to a BDL. DM, the receiver is cut different. Can change from an ADL to a BDL w/ hinged floorplate ~~fill in~~ parts.

VS vs. Sendero- VS is in short action only, Sendero is in long action only.

Extractor & Ejector: The extractor and ejector are located in the bolt, the extractor looks like a metal lip inside the bolt near the ejector which looks like a button. Inside Hinged Floor Spring is magazine spring (doesn't come with a hinged floorplate and trigger guard assembly when you order them).

On top of the magazine spring is the magazine spring follower. These are specific to caliber, long action, short action, and mag. Extracting and ejecting is done on the bolt face. The inside of the bolt on the opposite side of the lug is the extractor. This pulls the case out. The ejector is the shiny circular pin on the bolt face. When gun is fired this pin is pushed in and that ejects the shell. Consumers can buy and replace these.

The ejector parts are:
Ejector Spring
Ejector plunger