

Model 700 Parts & other misc. facts:

The main parts of the Model 700:

Stock
Trigger
Bolt Assembly
Receiver
Barrel

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 ever to have the 3 rings of steel, this is the portion of the firearm that the receiver, barrel, and the bolt are all lined up to form 3 rings of steel. This is for strength. Most of the pressure generated from the round is contained in this area.

Barrel: Hammer forged on standard production rifles. Blued barrels are ordinance grade carbon steel. Stainless Steel barrels are made from 416 stainless ordinance grade steel. Stainless bbls do have some carbon content for extra strength.

All guns with standard barrels (not heavy) blued, we put front and rear sights on. We do not put sights on the stainless steel barrels.

Rate of twist: the rate at which a bullet makes one complete revolution in the bore. A faster rate of twist is for heavier bullets, a slower for lighter bullets. Our rates of twist are made to stabilize any bullet in that caliber load- (This is not necessarily true for hand loads).

Extractor: Device for withdrawing the cartridge or fired case from the chamber.

Ejector: Eject the cartridge or fired case from the firearm.

Normally we suggest that they get a gunsmith to put extractors on or they will break them (unless they are familiar with this process) The magnum extractors need to be installed by a gunsmith because of the tooling that has to be done to rivet it.

Guns with riveted extractors in small non magnum calibers are old. Consumers can get parts from Jack First (he can also install these parts) they can change from a riveted to a non riveted extractor with a new bolt assembly. This process would modernize the firearm.

Extractor Types:

Extractor Heavy (thicker) Rivetless: Current short and long calibers are rivetless.

Extractor Rivetless LA: works on all long action 700's and 7400's.

Extractor Rivited: Magnum calibers still use riveted extractors. Ie: ultra mag calibers.

Bolt: The bolt consists of:

Bolt body

Firing pin assembly

Bolt handle

Jeweling (available on some models lazer etched on) (design on the bolt)

Last 4 numbers of the serial number (will match from the receiver)

Bolt assemblies are restricted and are factory installed only!