

7400 (Autoloading, Centerfire) 7600 (Bolt Action)

The 7400 that looks like Stainless Steel is not. It is actually Electroless Nickel Coating.

This gun was made from 1955 to 1960 as a model 740. This model looked kind of like the modern 7400. After 5 years and then 1960 to 1980 we made the 742. Over a million of this model were produced and ¾ of them are still being used.

In 1980 we came out with the 7400. This gun had about 20 different changes from the 742. The only interchangeable parts between the 7400 and the 742 are the butte stock and the magazine clip.

Any autoloader has more metal to metal friction than bolt action. They just won't last as long as a bolt action. Some things that make it last longer are:

Inside the box that we use to ship the guns to the stores is a chamber brush. This is so that the consumer can scrub the chamber. A MAJOR REASON FOR THE COMPLAINT OF "THE GUN WON'T CYCLE" IS A DIRTY CHAMBER. You will see notes to this effect on the repair order when you check in SAP.

The 7400 has to be cleaned from the end of the barrel toward the breech (just opposite of most) and this makes it hard to clean the chamber. This is why the chamber brush is included. Consumers MUST keep the chamber cleaned.

The operating handle is pinned in. You can't take out the operating handle without taking the magazine out and knocking the drift pin out. This is hard to do. It is made to be hard for a reason. We really don't want them to do it.

DON'T TAKE THE BARREL OFF!!!

Trigger plate pins always hold the trigger plate in. Push the pins out to take the trigger plate off.

All guns use the same basic trigger plate assembly.

The trigger plate assembly includes two little arms that go to the seer and disconnector. The disconnector goes up against the back of the bolt to fire. If disconnector is broken then gun won't fire.

Consumers can't get
Hammer
Disconnector
Hammer Spring
Hammer Plunger
Hammer Pivot Pin
Trigger Pivot Pin

The best advice is DON'T OIL AT ALL. If they oil the gun down for the summer then clean it all off. Clean with Rem Action Cleaner on trigger. (Put one drop down the hole in the top of the trigger and one drop on the top of the plunger).

Cycle of operation (7400)-is when you pull the bolt back, it goes forward and locks the lugs on the bolt into the barrel. This automatically cams the gun. When you pull the trigger the sear lets loose, hits the bolt head-firing pin and explosion happens in the barrel.

There are 3 locking lugs in the bolt of the 7400. There are orifices in the barrel that push gas back. This moves the action bar back and cycles gun.

To clean just use Rem action cleaner. You can't take bolt off with out removing the barrel. DON'T DO THIS-to clean just use rem oil cleaner and spray the fool out of it.

Probably the biggest mistake that people make is too much oil.

You will never see a 7400 with a recoil pad. You must hold it tight against your shoulder for recycling. This gun uses inertia from your body to get force. A recoil pad or too many clothes can be detrimental to this.

Don't store this gun open-it binds the spring.

It is fine to dry fire any centerfire.

Out of battery firing is when the bolt isn't completely forward and the gun fires. This is comparative to rim burst on a 22.

Common Fire Control is defined as the hull around the trigger. No other parts. Guns that have the common fire control are 7400, 7600, 870, 1100, 1187, 552, 572. It was the same trigger as the 742 and the 740.

Every 700 is shot for accuracy.

The Fore End Screw-You can change the accuracy of the gun by loosening it up. It will kill accuracy if loose. There are after market products that have a swivel screw on them that don't fit correctly.

The best way to put a sling on this gun is a barrel band. This clamps on the end of the barrel and has swivels.

In order for the hold open to work on these guns an empty magazine has to be inserted.

The 7400 is held to the same accuracy standards as a 7600. Most of the time bolt actions are more accurate.

Both the 7400 and the 7600 come in both long action and short action. They don't come in magnum calibers-they never will.

Model 7600 Bolt Action (shooter manually cycles)

The 7600 uses basically the same parts-bolt, firing pin, spring. The difference is the way that it cycles-auto vs. bolt.

We used to use press checkering (smoother) and now we use cut (rougher) checkering.

DO NOT USE HORNADY LIGHT MAGNUM OR FEDERAL HIGH POWER. These are basically just regular cartridges with a hot load. **DO NOT USE THESE IN ANY GUN THAT WE PRODUCE.** Stuff is loaded to make for higher pressure and it isn't good for the firearm. To use would run the risk of hurting the chamber and wearing out the gun.

Using this ammo causes heat checkering (puts a kind of rippled effect in the rifling at the top of the barrel. Bad reloads will do this also

On any pump action the action comes open and ejects the shell immediately-THIS IS NORMAL-without the bolt opening like this it would cause vapor lock.

When cycling 7600 you have to put good forward pressure to close the chamber or it won't close and fire.

On the 7400 you have to let the gun slam back on its own.

When troubleshooting:

Ask temperature on the day problem occurred.

What kind of ammo used?

If reload write down recipe and send to factory.

Find out if jamming is the problem-is it the ejection, bolt override, or extraction.

If fails to eject then it may be a broken ejector.

Many extraction problems are dirty or pitted.

Consumers can't get:

Trigger

Sear

Sear spring

ISS and Triggers are restricted to RARC's.

If a consumer is adamant about changing the trigger pull on a gun then you can sell them the 1100, 1187,870 trap, skeet gun sear screw.

Unless the consumer already knows that this will work don't suggest it (most of them will tell you the part number that they need).