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PROUDLY MADE IN THE USA



OWNER AND OPERATIONS MANUAL

Please read and fully understand this manual before you operate your firearm. Failure to do so may result in serious injury, death, or damage to property.

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APF WARRANTY POLICY

Congratulations on your purchase of a firearm or firearm part (“firearm”) manufactured by APF. The firearm is warrantied to the original retail customer, for their lifetime, against defects in material and workmanship. All parts and labor or replacement at APF’s option are covered. This warranty applies only to purchases made directly from APF or an APF-authorized dealer.

The sole and exclusive remedy pursuant to this warranty is the repair or replacement (including the cost of shipping the repaired or replacement firearm to you), at APF’s discretion, of the firearm. ANY AND ALL IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. APF assumes no liability for incidental or consequential damages or injury to person(s) or property of any kind, including but not limited to, any expense or damages other than to repair the defects in the firearm or, at APF’s discretion, to replace the firearm. Repairs or replacements will be covered by this warranty for the duration of the original warranty.

Any action against APF based on any alleged breach of this warranty must be commenced within one (1) year of the alleged breach and must be venued in the state courts for Douglas County, Minnesota. By purchasing a firearm from APF, you consent to the jurisdiction of said courts and agree that venue there is proper. Minnesota law shall apply to your purchase of a firearm from APF without regard to conflicts of law principles.

To the extent any provision of this warranty is prohibited by federal, state, or local law, which cannot be preempted, it shall not be applicable.

WARNING

Keep firearms away from children. If a child gets access to a firearm it can cause severe injury or death. Always keep guns unloaded and locked in a safe when not in use. You may be fined or sent to prison if you keep a loaded firearm where a child obtains and improperly uses it.

If carelessly or improperly handled, this firearm may unintentionally discharge and result in personal injury, death or damage to property.

For your safety and the safety of others, read and understand the operations manual before using your APF firearm. It is extremely important that you read the entire manual and that you understand how this firearm operates. If you do not understand ANY part of this manual or how to operate the firearm you should seek professional firearms instruction before attempting to operate it.

NOTICE

APF is not responsible for any damages or deaths that are the result of deliberate or accidental discharge, or when the firearm is used for purposes or has received treatment that it was not designed or manufactured for. We will not honor claims for this firearm that are a result of any of the following: careless or improper handling, unauthorized adjustment or parts replacement, corrosion, neglect, use of the wrong caliber ammo, or any combination of these actions.

Unfortunately, we cannot control what happens to our firearms after we have shipped them; please carefully examine the firearm when you receive it to make sure it is undamaged. Before your rifle left our facility, it was test fired, carefully inspected, and packaged.

GENERAL HANDLING CAUTIONS

1. A GUN IS NOT A TOY AND SHOULD NEVER BE TREATED AS SUCH.
2. Do not alter or modify your APF firearm in any way.
3. Have your firearm serviced on a regular basis.
4. Never point the muzzle at anything you do not intend to shoot
5. Treat every firearm as if it is loaded.
6. Always make sure your firearm is unloaded and the bolt is locked open and to the rear before laying it down or handing it to someone else.
7. Never leave a loaded firearm unattended.
8. Always be sure bore, muzzle, chamber and action are clear of foreign objects.
9. NEVER attempt to fire the gun if there is water in the bore as it may explode.
10. Always check the ammunition to make sure it is clean and undamaged.
11. Never drink alcoholic beverages or take drugs before or during shooting.
12. Always wear eye and ear protection when shooting a firearm.
13. Always keep the safety on "SAFE" when the firearm is loaded and a round is in the chamber; until you are ready to shoot.

DANGEROUS PROCEDURES

1. Be sure the cam pin is properly installed in the bolt carrier group. If it is not properly installed, the rifle can still fire, but it may explode, causing you serious injury or death.
2. If your firearm fails to fire, keep it pointed at the target and wait at least 30 seconds. If a “hangfire” has occurred, the round should go off within 30 seconds. If the round fails to fire, remove the magazine, eject the round, and examine the primer. If the firing pin indent is light, non-existent, or misaligned have your gun examined by a competent gunsmith. If the firing pin indent appears normal (compared to previously fired rounds) assume faulty ammunition and properly dispose of the round. Re-chamber and continue to shoot as normal.

FUNCTION CHECK

SAFE: Remove the magazine and make sure your rifle is unloaded and there is not a round in the chamber. Point the firearm in a safe direction; pull the charging handle all the way back and release it. Place the safety selector in the “SAFE” position and pull the trigger; the hammer should NOT fall.

FIRE: Remove the magazine and make sure your rifle is unloaded and there is not a round in the chamber. Point the firearm in a safe direction and place the safety selector in the “FIRE” position. Squeeze the trigger and hold it to the rear; the hammer should fall. Pull the charging handle all the way back and release it. Release the trigger and you should here the disconnecter disengage the hammer. Squeeze the trigger again and the hammer should fall again. The safety selector will not be able to be moved to the “SAFE” position until the charging handle is pulled back and to reset the hammer.

LODGED PROJECTILE

If you hear a loud “Pop” or feel a noticeably reduced recoil during firing, cease firing IMMEDIATELY and follow these steps:

1. Put the safety selector in the “SAFE” position
2. Remove the magazine
3. Lock the bolt to the rear
4. Visually inspect and feel the inside of the barrel with a cleaning rod
5. If there is nothing in the barrel see the “short recoil” section, in the troubleshooting guide, on page 10.
6. If there is a projectile lodged in the barrel DO NOT attempt to remove it yourself. Contact APF for further instructions.

If a projectile is lodged in the barrel and you fire another round the gun will explode and can cause injury or death to you and/or others. NEVER continue shooting if the recoil does not feel the same or if the gun makes a different sound once it is fired. Safety is the number one priority when shooting, so if you are in doubt make sure to look over the gun and refer to this manual as needed.

TROUBLESHOOTING

PROBLEM	CHECK FOR	WHAT TO DO
Won't fire	<ol style="list-style-type: none"> 1. Safety selector 2. Firing pin improperly assembled 3. Excess oil in firing pin recess 4. Defective ammo 5. Carbon buildup on firing pin 	<ol style="list-style-type: none"> 1. Put on "FIRE" 2. Assemble correctly 3. Wipe off oil 4. Remove and discard 5. Clean
Won't extract	<ol style="list-style-type: none"> 1. Broken extractor spring or extractor 2. Carbon buildup in chamber 3. Fouling or carbon buildup in extractor recess or lip 	<ol style="list-style-type: none"> 1. Contact APF 2. Clean chamber 3. Clean chamber and areas with carbon build up
Won't go into battery	<ol style="list-style-type: none"> 1. Corrosion, dirt or carbon buildup 2. Frozen extractor 3. Restricted buffer assembly 4. Restricted movement of bolt 	<ol style="list-style-type: none"> 1. Clean lugs 2. Remove and clean 3. Remove and clean 4. Remove, clean and lube bolt carrier group
Short recoil	<ol style="list-style-type: none"> 1. Bolt ring gaps are not staggered 2. Carbon or dirt in carrier key or on outside of gas tube 	<ol style="list-style-type: none"> 1. Stagger rings 2. Clean

ALWAYS make sure the rifle is pointed in a safe direction and the safety is engaged before loading the firearm. ALWAYS keep your fingers and other objects from contacting the trigger at all times while loading and unloading the rifle. DO NOT disengage the safety or place your finger on the trigger until you are set to fire and have the rifle pointed safely downrange.

LOADING THE RIFLE

1. Press and hold the bottom of the bolt catch in while pulling the charging handle back so that the hammer is cocked and the bolt stays to the rear.
2. Push the charging handle all the way forward until it locks and let go of the bolt catch.
3. Set the safety selector to the "SAFE" position.
4. Load the magazine into the magazine well, with the bullets facing forward, and push it in until the magazine catch holds the magazine in.
5. Point the rifle in a safe direction and push the top of the bolt catch in. This will release the bolt and bolt carrier and push a round into the chamber. At this point the rifle is loaded and the hammer is cocked. If you wish to close the ejection port (located on the right side of the upper receiver) you may do so now, but it will automatically open when the first round is fired.

UNLOADING THE RIFLE

1. Set the safety selector to the "SAFE" position.
2. Press the magazine catch button and remove the magazine.
3. Pull the charging handle back to eject the round and push the bottom of the bolt catch in to hold the bolt back. If the last round in the magazine was fired then the bolt and carrier should already be held open.

FIRING THE RIFLE

WARNING

NEVER load a round into the chamber until you are ready to shoot. NEVER disengage the safety unless the rifle is pointed in a safe direction and you are ready to shoot.

While keeping your firearm unloaded and pointed in a safe direction practice your shooting stance and aiming before shooting so you are comfortable with the firearm. Before using your rifle for hunting, or other types of shooting, practice shooting on a range to make sure you are comfortable and everything is functioning properly.

1. Always wear eye and ear protection.
2. Load your firearm as directed on the previous page.
3. Hold one hand on the handguard, which covers the barrel, and the other on the pistol grip with your finger off the trigger and resting on the side of the trigger guard.
4. Keep the firearm pointed in a safe direction and place it firmly in the pocket of your shoulder on the inside of the shoulder socket. Align your sights on the target and disengage the safety. Pull the trigger to fire a round.

UNUSUAL OR EXTREME CONDITIONS

(Use gun lubricant when lubricating the firearm)

Extreme Cold

- Clean and lubricate.
- Keep the gun moisture free.
- Move the gun parts through their entire range, in intervals, so they don't freeze up.
- Keep a cover on the firearm when it is outside and not being used.

Extreme Heat

- Inspect the firearm more often, especially the hidden surfaces of the bolt carrier group, forward assist assembly, and components in the lower receiver. Be sure to lubricate these areas.
- Wipe off areas that have been touched, because the moisture that is left behind may corrode the firearm. Lubricate after drying.

Hot and Dry Climates

- Clean and lubricate more often.

Dusty or Sandy Areas

- Clean and lubricate more often
- Keep sand off and away from the parts when inspecting, lubricating, and assembling the firearm.
- Use very small amounts of lubrication on the outside of the firearm.
- Use a magazine bag and muzzle cap on firearms that are not being stored in a protected place.

INSPECTING YOUR RIFLE

Check the following parts and replace if cracked, chipped, bent, broken, badly worn, or missing:

- The bolt (Look closely at the cam pin area. Replace if pitting extends into the firing pin hole.)
- Firing pin
- Firing pin retaining pin
- Cam pin
- Extractor (Look closely for chips or broken edges in the area that engages the cartridge rim.)

ASSEMBLY

1. Slide the bolt into the bolt carrier on the end with the gas key. The small end of the bolt will go in first.
2. Install the cam pin and give it a ¼ turn. If the cam pin is not installed the gun will still fire and may explode.
3. Place the firing pin into the bolt by inserting it in the bolt carrier on the opposite side as the bolt.
4. Pull the protruding end of the bolt out as far as the cam pin allows.
5. Insert the retaining pin. The firing pin should no longer fall out.
6. Seat the charging handle and push it in part way.
7. Insert the bolt carrier group while keeping the charging handle unlocked.
8. Push the charging handle and bolt carrier group in together.
9. Place the upper receiver on the lower receiver and engage the pivot pin followed by the takedown pin. The safety selector must be in the "SAFE" position before they are joined.

FIELD STRIPPING YOUR RIFLE FOR MAINTENANCE

1. Push the takedown pin until it stops. You will hear a click and feel the pin hit its stopping point. (Neither the takedown pin nor the pivot pin can be removed completely, so do not worry about losing them.)
2. Pivot the upper receiver away from the lower receiver and proceed to push the pivot pin until it stops in the same manner as the takedown pin.
3. Separate the receivers and pull the charging handle back until you can take the bolt carrier group out of the upper receiver.
4. Remove the firing pin retaining pin from the bolt carrier and drop the firing pin out of the back of the bolt carrier. (Make sure to catch the firing pin or let it fall onto a soft surface so that it does not get damaged.)
5. Press the bolt in towards the bolt carrier until it comes to a stop.
6. Turn the cam pin ¼ turn (only on AR-15 platform) and lift it out away from the bolt carrier.
7. Remove the bolt from the carrier.
8. On the lower receiver push and hold the buffer in while pushing the buffer retaining pin down. Let the buffer slide out past the buffer retaining pin, but don't let go of it because it is spring loaded. As the buffer comes out you may have to depress the hammer to allow the buffer to keep coming out.

At this point you have successfully field stripped your rifle.

Note: It is highly recommended that any additional disassembly be done by APF or a competent gunsmith.

CLEANING

Do not use a wire brush or abrasives to clean aluminum surfaces.

Use Rifle Bore Cleaner (RBC) to clean the following areas:

Upper receiver

- Bore
- Chamber
- Barrel (see next page for instructions)
- Gas tube (a worn brush works best)
- All areas with carbon buildup, dirt, rust, and corrosion

Bolt carrier group

- Outer and inner surfaces of the bolt carrier
- Bolt carrier key
- Firing pin and firing pin recess
- Firing pin hole (a pipe cleaner works best)

Lower receiver group

- Any areas that have carbon or dirt buildup or corrosion
- Trigger mechanism
- Buffer
- Inside of lower receiver

Barrel

Be sure, when cleaning the barrel, that you do not reverse direction of the cleaning rod inside the barrel. You should start on the receiver end and in one motion go all the way through to the end of the barrel. Doing this will keep dirt and debris out of the receiver and will eliminate areas of buildup in the barrel.

LUBRICATING

Lightly lube (a thin film of oil) the following areas:

- Bore
- Chamber
- Outer surfaces of barrel
- Firing pin
- Firing pin recess in bolt
- Charging handle
- Inner and outer surfaces of the bolt carrier

Generously lube (should be spreadable with your finger) the following areas:

- Outside of bolt, including the cam pin area and gas rings
- Charging handle slide
- Take down pin
- Pivot pin
- Parts inside the lower receiver
- Buffer
- Buffer spring
- Inside of buffer tube

Dry the inside of the gas key with a pipe cleaner and place ONE drop of lubricant inside of it.