

BXR

.22 LR

OWNER'S MANUAL

 **BERGARA**®
OUR BARRELS MAKE THE DIFFERENCE



MADE IN LAWRENCEVILLE, GA, USA

CONTENTS

1. Introduction
2. General Safety
3. Before Firing the Rifle
4. Loading the Rifle
5. Functioning of Detachable Magazine System
6. Loading the Rifle
7. Firing the Rifle
8. Mounting the Scope
9. Trigger Pull Adjustment
10. Field Strip
11. Cleaning and Maintenance
 - Trigger
 - Barrel
 - Receiver and Bolt
 - Stock and Forend
12. Storage
13. General Description
14. Warranty

1. INTRODUCTION AND GENERAL SAFETY

Thank you for buying the Bergara BXR rifle.

We hope that this firearm is up to your expectations, serves you as intended and gives you years of satisfaction.

Please read this manual. There are many features that the user must familiarize with to safely use this firearm.

The future of shooting sports depends on you.

Accidents, misuse of firearms etc. are portrayed as reasons to ban shooting sports in general and firearms in particular. Please be responsible, promote safety and listen to safety advice from other fellow shooters.

If after reading the instructions warnings and risks detailed in this manual you are not ready to accept the responsibility involved in handling and shooting a firearm safely, return the gun to where you purchased it.

All security measures should be taken into account for the safe use of the firearm.

2. GENERAL SAFETY

10 safety rules for handling your firearm:

1. Always keep the muzzle pointed in a safe direction, even when the rifle is unloaded.
2. Be sure of your target and of what is behind it before aiming at anything.
3. Never trust the mechanical safety catch of a firearm.
4. The firearm must be unloaded until the moment of use.
5. Always use eye and ear protection.
6. The barrel must be free from any obstruction before loading and firing.
7. Handle every firearm as if it were loaded.
8. Store firearms and ammunition separately and in an enclosed, locked area.
9. Avoid the consumption of alcohol and drugs before and while using a firearm.
10. Do not alter or modify your firearm. Make sure your firearm is serviced regularly by a competent gunsmith. Make sure all the parts are working properly before each use.

⚠ WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For other information go to www.P65Warnings.ca.gov

SAFETY CONSIDERATIONS FOR ALL FIREARMS

- Never smoke while you are shooting or handling a firearm or related material. The ashes or sparks can ignite the gunpowder or cartridges, causing personal injury or death.
- Always use eye protection. It is possible that sparks can fly from the breech or the muzzle when a firearm is discharged.
- Always check the rifle before using it to ensure it is in good working order. Test the trigger and the release system carefully before loading. Make sure that the barrel is not obstructed. Any obstruction can cause the barrel to rupture, resulting in serious injury or death.
- Never load a firearm until you are ready to shoot. You must remove the cartridge when walking, climbing trees or fences, passing the firearm from one person to

another, jumping a wall or fence, etc.

- Never lean a firearm against a wall, a tree, a vehicle or any other surface. If a loaded firearm falls it may cause the weapon to accidentally fire, causing serious injury or death.
- Never transport a loaded firearm in any type of vehicle. The firearm is considered to be loaded while a cartridge remains in the chamber.
- Never store a loaded firearm. The firearm must be unloaded and cleaned before any type of storage.
- Never load a firearm without first ensuring that the barrel is clean and unobstructed. If the firearm falls to the floor or the ground by accident, check that the barrel has not become obstructed.
- Be very careful when hunting from an elevated position. If a loaded firearm accidentally falls it may cause the weapon to fire, causing serious injury or death. Make sure the firearm is unloaded before climbing up or down from a stand.
- Never trust the mechanical safety catch! Mechanical devices can and do fail. Firearms must always be handled as if they are loaded and ready for shooting, regardless of the position or the mechanical condition of the safety catch.
- Always follow the proper cleaning procedures. Shooting a firearm that is poorly maintained or corroded can lead to dangerous pressure and/or cause the barrel to explode, causing serious injury or death.
- Never point the barrel at anything you do not wish to see damaged. When carrying the firearm on your shoulder, make sure that the barrel is pointing upwards.
- Never try to modify the inner parts of your firearm. Doing so may cause a dangerous situation, provoking an accidental discharge of the weapon and causing serious injury or death. These alterations will generally void the warranty.
- Never leave the firearm unattended or in the reach of children. In some countries it is punishable by law.

3. BEFORE FIRING THE RIFLE

Familiarize yourself with the rifle. Learn how it works and how to use it without ammunition.

Recommendations before using the rifle:

- Check that the rifle is not loaded, i.e. that there is no casing in the chamber or obstruction in the bore.
- Make sure that there is no cartridge in the magazine.
- Clean the bore of the barrel as shown in the section on “cleaning and maintenance”.
- Wipe off the excess oil from the receiver area.
- Check the trigger for proper function by dry firing several times. (NOTE: Excessive dry firing can damage the firing pin of rimfire rifles, including this BXR.)
- After completing the above steps, you can load the firearm as shown in the following section of this manual.

4. LOADING THE RIFLE

The BXR is used as follows:

Load the magazine from the upper side with the corresponding ammunition. Push the cartridge down (Fig.4.1) and once it leans on the front side of the magazine slide it back (Fig. 4.2). The capacity of the magazine is 10 cartridges. Functioning problems

may occur if these steps are not followed.

Fig. 4.1

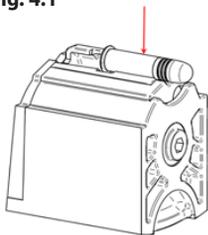
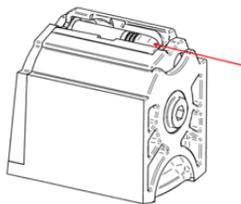


Fig. 4.2



Safety advice: Double check that the ammunition being loaded is the correct type. The barrel of the rifle has the caliber marked on the side. Shooting ammunition of a different caliber to that marked on the barrel is very dangerous and can cause very serious accidents. **WE DO NOT RECOMMEND USING HYPER-VELOCITY AMMUNITION SUCH AS STINGER® AMMUNITION, AS THESE MAY NOT CHAMBER PROPERLY.**

5. FUNCTIONING OF DETACHABLE MAGAZINE SYSTEM

To install the magazine, insert it completely inside the stock until it fits flush and the magazine catch is fully engaged. (Fig. 5.1)

To release the magazine, push the lever located on the front side of the trigger guard. (Fig. 5.2)

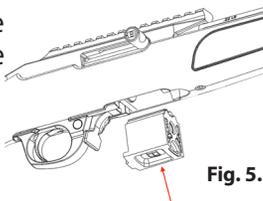


Fig. 5.1

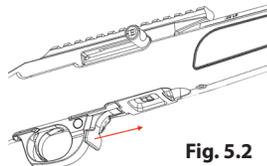


Fig. 5.2

6. LOADING THE RIFLE

- Ensure safety is engaged by pushing the safety mechanism to the right, or to the position that displays no red ring. (Fig 6.1).
- Put the bolt handle in the rear position and make sure the firearm is not loaded. Verify that nothing is obstructing the bore.
- Lock bolt in the rearward position using the bolt lock mechanism. (Fig 6.2).
- Firmly insert magazine into the firearm until it latches. (Fig 6.3). (NOTE: Magazine will only latch if oriented correctly.)
- Pull the bolt handle to the rear to release the bolt lock. Then, release the bolt handle, allowing the bolt to close freely under spring tension.
- The rifle is now considered loaded.

Safety advice: Do not touch the trigger during the magazine loading process. Doing so is unsafe and may result in an accidental discharge.



Fig. 6.1

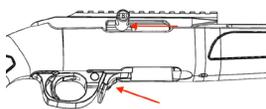


Fig. 6.2

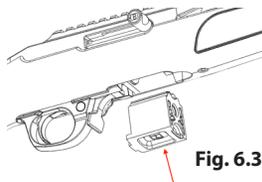


Fig. 6.3

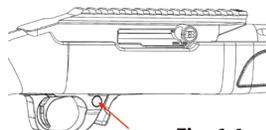


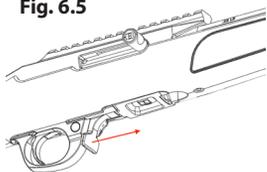
Fig. 6.4

- When you are ready to shoot, disengage the safety catch (push safety to the left) and gently pull the trigger (Fig 6.4).

7. FIRING THE RIFLE

Safety advice: *If on pulling the trigger of a loaded firearm the cartridge does not fire, point the rifle in a safe direction and wait 30 seconds before opening the bolt. The bolt must be opened very carefully.*

Fig. 6.5



- Once fired, the rifle will automatically reload and re-cock the hammer. This process will repeat until all rounds have been cycled through from the magazine.

(NOTE: Bolt does not lock in the open position after the last round has been fired.)

- To unload the BXR, move the bolt to the rear position and lock the bolt open using the bolt lock. Remove the detachable magazine by pulling or pushing forward on the magazine release lever. (Fig. 6.5)
- Check that no cartridge remains in the chamber.

Safety advice: *If you suspect you have experienced a defective cartridge and that the bullet has not left the barrel, remove the bolt and check it. Do not attempt to remove the bullet that is stuck by firing again, because the pressure created can destroy the firearm injuring the shooter. Attempting to pound the bullet out with a cleaning rod or other metal rod may severely damage the bore. Take the rifle to a qualified gunsmith or contact Bergara Customer Service.*

8. MOUNTING THE SCOPE

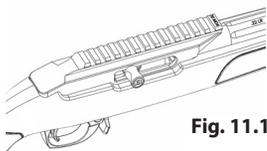


Fig. 11.1

The BXR has a 30 MOA Picatinny rail integrated into the receiver (Fig 11.1). Use rings of appropriate height to allow the scope to clear the barrel.

When you install the scope ring, we recommend using a thread locking product comparable to Loctite® 242. This will prevent the scope from loosening over time due to the recoil.

To install the scope, follow the instructions provided by the scope manufacturer.

Safety advice: *Always wear protective glasses when firing. Do not install the scope too close to the eye. Due to the recoil the scope can hit the shooter's face and cause injury. As practical advice, check that your fist can fit between your eye and the scope. If the eye relief is too short, move the scope forward or replace the scope for one with greater eye relief.*

9. TRIGGER PULL ADJUSTMENT

The BXR does not feature an adjustable trigger mechanism. The trigger pull is pre-set at the factory (Fig 9.1).

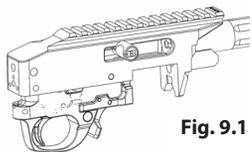


Fig. 9.1

Safety advice: *A number of after-market 10/22 trigger packs are compatible with the BXR. If you choose to use an alternative trigger pack, we suggest bringing the rifle and the alternative trigger pack to a qualified gunsmith for installation and to ensure it functions properly.*

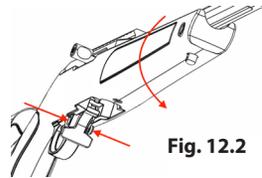
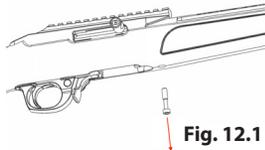
Safety advice: *The trigger must be adjusted by the factory only.*

Safety advice: A trigger that is too light can cause an accidental discharge.

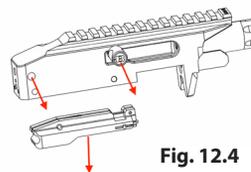
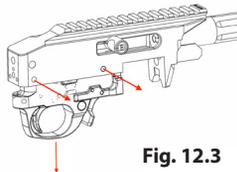
10. FIELD STRIP

To dismantle the gun for cleaning or inspection, follow the steps listed below:

- Unload the rifle by removing the detachable magazine.
- Move the bolt to the rear position and make sure that there is no cartridge in the chamber.
- Loosen the stock screw (Fig. 12.1).
- Put the safety in the central position and remove the stock (Fig. 12.2).

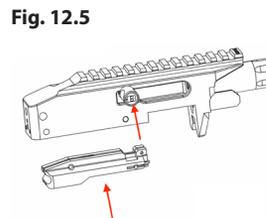
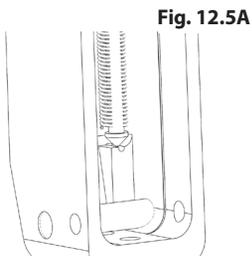


- Remove the trigger guard pins and remove the trigger assembly (Fig. 12.3).
- Remove the rear recoil buffer pin, move and hold the bolt to the rear position and remove the bolt (Fig. 12.4).



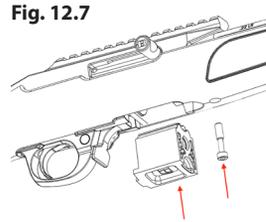
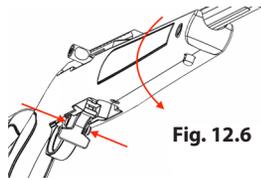
To re-assemble the dismantled rifle, take the following steps:

- Place the bolt handle and recoil spring assembly into the receiver. The end of the recoil spring guide rod should be seated in the position shown. (Fig. 12.5A).
- Pull the bolt handle back until fully in the rear position and place the bolt over the bolt handle. (Fig. 12.5)
- Press the bolt into place. The bolt handle should be seated in the notch on the top of the bolt.
- Allow the bolt to move to the forward position.



- Insert the recoil buffer into the receiver.
- Install the trigger assembly and insert the two retaining pins.

- Move the safety into a central position and assemble the barrel and receiver into the stock. (Fig. 12.6). (NOTE: The receiver must insert slightly ahead of its normal position and moved rearward as it's lowered into place.)
- Tighten the stock screw to approximately 30-inch pounds of torque. (Fig. 12.7).



11. CLEANING AND MAINTENANCE

In general, the BXR rifle is easy to maintain. In this section you will find all the information required to keep the rifle in good shape. We recommend that you clean the following parts regularly, especially after a day of hunting or on the shooting range (always refer to the instructions provided by the manufacturer of the chemical products used). We suggest cleaning your BXR rifle after the first 100 rounds, and every 200-300 rounds following.

(Note: Shooting suppressed will increase backpressure as well as fouling accumulation in the receiver and bolt area. If the rifle begins to experience failures to cycle or fire while shooting suppressed, clean the receiver, bolt and chamber areas thoroughly.)

BARREL

The high quality of the Bergara rifle barrel requires proper care to maintain its accuracy. The following advice should be followed:

- The correct direction for cleaning is from the chamber to the muzzle. Cleaning the barrel in the opposite direction can cause excessive wear on the muzzle of the barrel. This will permanently affect the accuracy of the rifle. An access hole is provided in the rear of the receiver for the passage of the cleaning rod into the barrel. Field strip the rifle using the instructions found in section 11.
- If possible, use a quality, one-piece cleaning rod to avoid damaging the bore.
- Use suitable cleaning products to help prolong the life of the barrel.
- Run an appropriately sized dry patch (a cloth square) through the barrel. This will push out any loose fouling.
- Then run a solvent-wet patch down the bore until the grease and dirt are removed from the bore and the chamber. (NOTE: We suggest following the manufacturer's instructions for use.)
- Try to avoid the accumulation of too much copper, lead or powder fouling in the bore. These accumulations will significantly reduce the accuracy. Important: Extraction problems may occur if solvent isn't used to remove fouling on the breach end of the barrel, including the extractor groove.
- Use a high-quality bronze or nylon brush for cleaning the bore. Avoid stainless steel brushes.
- After cleaning the bore, apply a patch soaked in gun oil to prevent rust. Run a dry cloth through it before shooting to remove the oil and not damage the bore.

Important: We suggest lightly oiling the inside of the barrel and the outside metal surfaces of the gun after cleaning. Before shooting again, run a dry patch through the barrel to remove excess oil. Traces of oil inside the barrel at the moment of firing can cause overpressure.

- Check the crowning regularly for damage because this can seriously affect the accuracy.

RECEIVER AND BOLT

- Clean the entire bolt and the inside of the receiver with a cloth saturated with a suitable firearm cleaning product to remove residues.
- Using a brass or nylon brush, clean the bolt face and extractor. Also clean the exposed area of the firing mechanism.
- The body of the bolt and bolt handle must be lubricated. Periodically, a drop of suitable oil should be placed on the extractor (Fig 13.1) to maintain a very thin film of oil. However, too much oil can gum up the operation of the bolt mechanism.
- Clean and lightly lubricate the bolt handle and recoil spring assembly.

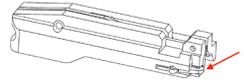


Fig. 13.1

STOCK

- A fine brush can be used to remove dust from the exterior.
- The synthetic stock is easily cleaned with a damp microfiber cloth.
- Avoid getting gun cleaning solvents and other chemicals on the stock. Some chemicals can affect the paint. (NOTE: Avoid insect repellants containing DEET as it can deteriorate the finish of the stock.)

TRIGGER

- The trigger must be lubricated periodically for proper maintenance and operation (Fig 13.2)
- We recommend spraying a thin liquid lubricant.

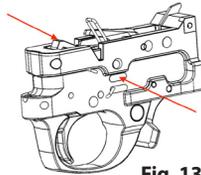
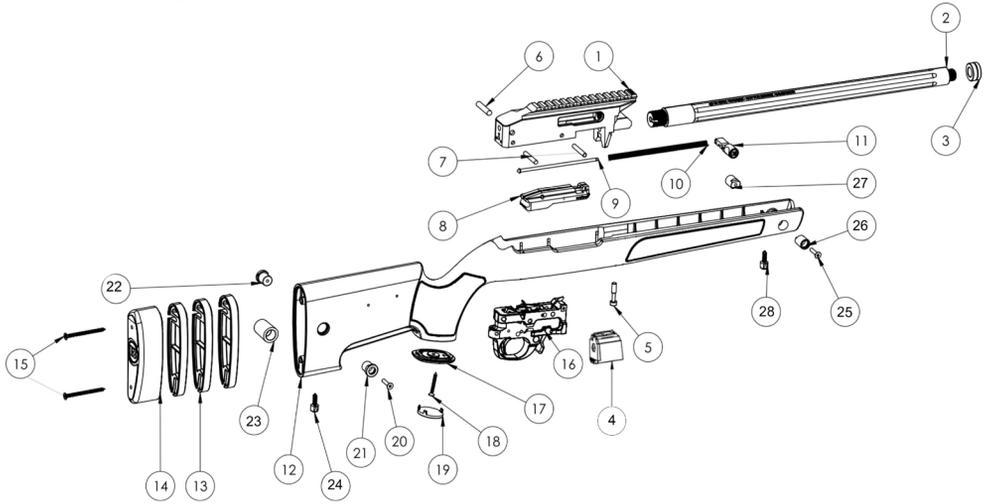


Fig. 13.2

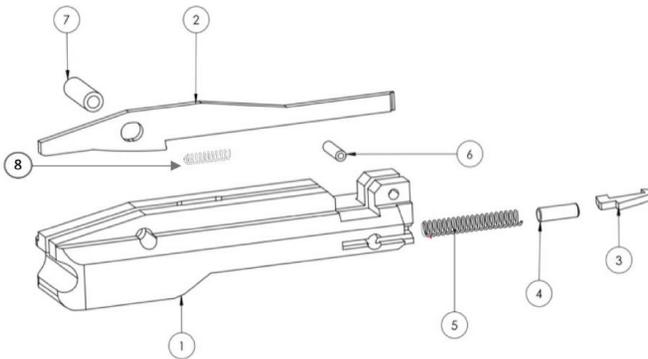
12. STORAGE

- Store your gun in a safe that includes a method for reducing the relative humidity.
- From time to time, remove the rifle from its storage location and clean it.
- Follow the legal regulations regarding storage of firearms.
- If you are going to keep the rifle in the gun rack for an extended time, store it uncocked, with the hammer spring in the resting position, i.e. not compressed.
- Maintain a thin film of protective oil on the metal surfaces to further protect against corrosion.

13. GENERAL DESCRIPTION



- | | | |
|-----------------------|--------------------------|----------------------------|
| 1 Receiver | 11 Bolt Handle | 20 Flush Cup Screw |
| 2 Barrel | 12 Stock | 21 Rear / Right Flush Cup |
| 3 Thread Cap | 13 Spacer | 22 Rear / Left Flush Cup |
| 4 Magazine | 14 Recoil Pad | 23 Stock Bushing |
| 5 Stock Screw | 15 Recoil Pad Screws | 24 Flush Cup |
| 6 Buffer Pin | 16 Trigger Assembly | 25 Flush Cup Screw |
| 7 Trigger Pins | 17 Grip Cap | 26 Front / Right Flush Cup |
| 8 Bolt | 18 Grip Cap Fixing Screw | 27 Front / Left Flush Cup |
| 9 Recoil Spring Guide | 19 Grip Cap Cover | 28 Sling Swivel Screw |
| 10 Recoil Spring | | |



- | | | |
|--------------|-------------------------------|--|
| 1 Bolt Body | 4 Extractor Plug | 7 Firing Pin Roll Pin (Rear) |
| 2 Firing Pin | 5 Extractor Plug Spring | 8 Firing Pin Spring (Tapered ends
Faces Rear of Bolt) |
| 3 Extractor | 6 Firing Pin Roll Pin (Front) | |

14. WARRANTY

Please address your warranty concerns electronically to:

Info@bergararifles.com
For USA: contact@bergarausa.com

Or by mail to:
Bergara USA
BPI Outdoors
1270 Progress Center Ave. Suite 100
Lawrenceville, GA 30043

For non-US/Canada:
DIKAR S. Coop
Ugarte, 26
20570 Bergara - Gipuzkoa (Spain)

The Bergara BXR rifle is warranted to be free from manufacturers defects for the life of the gun. This warranty is to the original purchaser and is not transferable. This warranty does not cover normal wear and tear, finish of metal or wood, abuse or misuse, damage to property, cost of inconvenience or loss of use.

This warranty gives you certain legal rights and you may have other rights which vary from state to state or country to country. Apart from the assumptions of cancellation of warranty mentioned in the different sections of this manual, below will also void the warranty:

- Unauthorized modifications and/or repairs.
- Rifle returned in neglected conditions (dirty, corroded, etc.).
- Use of improper ammunition (e.g. military ammunition, reloaded ammunition, ammunition un authorized by CIP or SAAMI).
- Damages which result from not following the instructions given in this manual.

The rifle is identified by its serial number - on the side of the receiver.

IMPORTANT: In case of return, make sure that the rifle is unloaded!!

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