

BOLT ACTION AIR RIFLE **MOD24**

HANDLING CAUTIONS AND INSTRUCTION MANUAL

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Please visit our website at www.modify.com.tw and leave your comments.

THANK YOU FOR PURCHASING MODIFY PRODUCT. PLEASE READ THIS MANUAL CAREFULLY.



The Receiver Assy and the Stock are packed separately in the case. Please follow the Assembly Step:

- ① Assemble "Receiver Assy" with the stock.
- ② Fix the stock with the screws as shown by using a 3mm hexagonal key. Please adjust the screws properly. The assembly is finished.

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Always read through this manual before operation

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WARNING!

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+18

NOT A TOY. USER RESTRICTED TO 18 YEARS OF AGE OR OLDER.



ALWAYS KEEP THE AIRSOFT GUN POINTED IN A SAFE DIRECTION. THIS AIRSOFT GUN MAY CAUSE SERIOUS INJURY IF MISUSED OR MISHANDLED.



ALWAYS READ THROUGH ALL INSTRUCTIONS BEFORE USING.

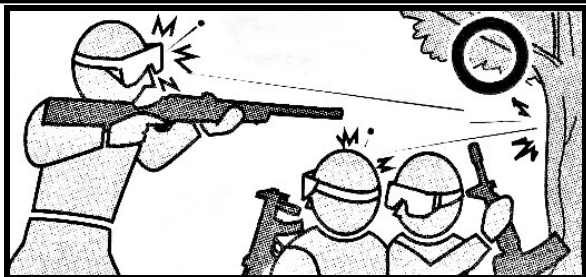


THE PURCHASER AND USER SHOULD CONFORM TO ALL LAWS GOVERNING OWNERSHIP, TRANSPORT AND USE OF AIRSOFT GUNS.

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MODIFY BOLT ACTION AIR RIFLE

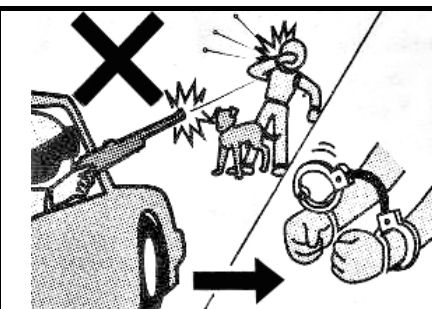


Always wear eye protective gear.

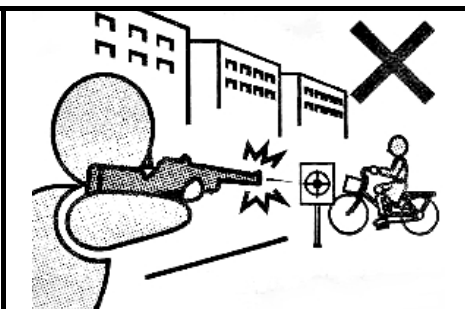
When shooting the air gun for a target or game, you and all participants must wear goggles or other eye protective gear, also paying attention to ricochets. (Pay sufficient attention also to third personnel other than participants.)



Never aim or shoot a person or animal as the target.



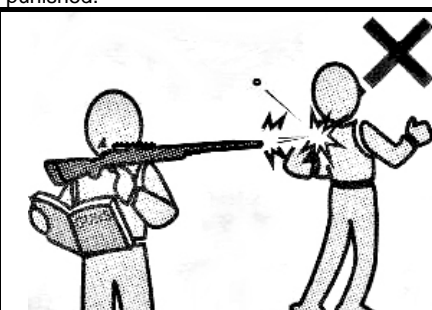
Never shoot as joking, always look before shoot, the careless use may cause injure and be punished.



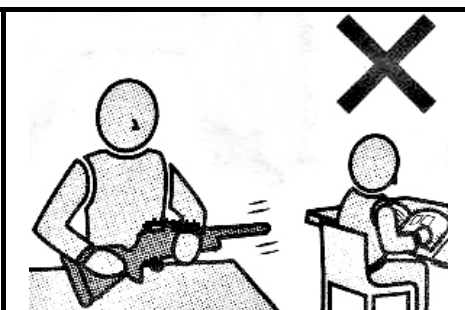
Never shoot the air gun at places where people and cars pass cross.



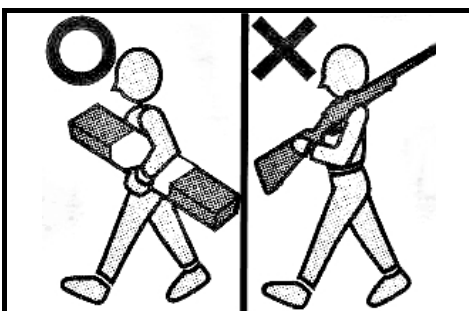
Never look into the gun muzzle.



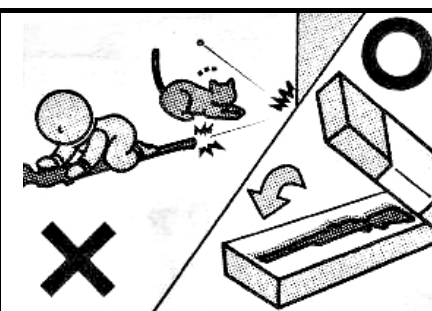
Avoid pulling the trigger carelessly.



Always keep the air gun pointed in a safe direction.



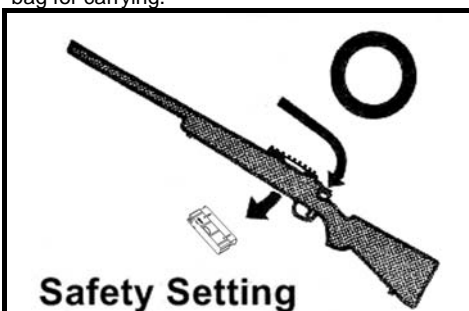
Do not carryout in public place, put into a case or bag for carrying.



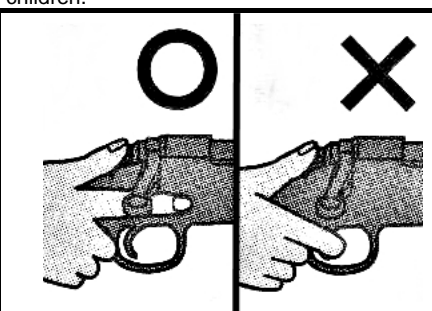
Store the air gun at places out of reach by children.



BB pellets may be shot out even if the magazine is removed.



Always set the selector lever to the Safety position until ready to shoot. Always keep the air gun unloaded until ready to use.



Always keep your finger off the trigger until ready to shoot.



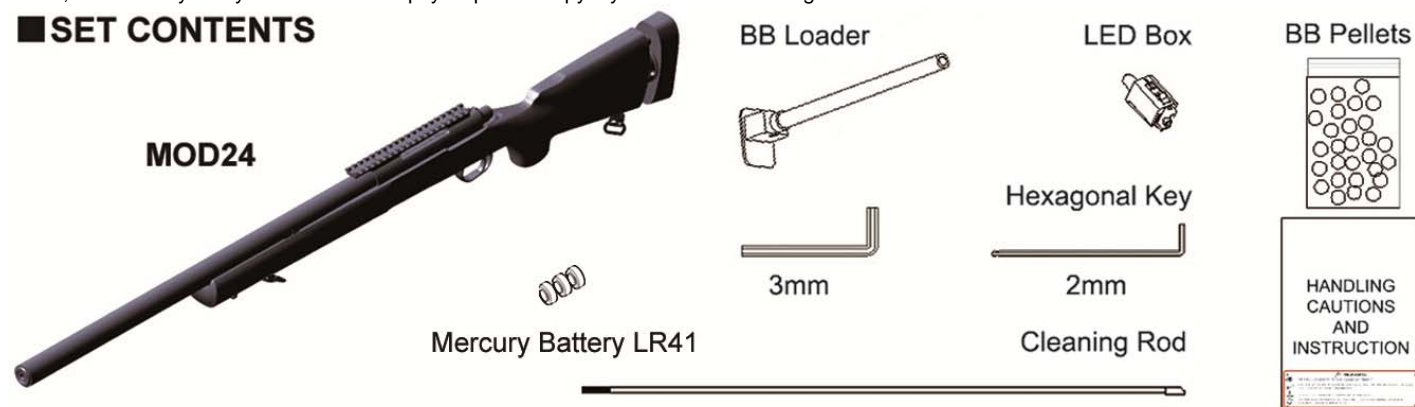
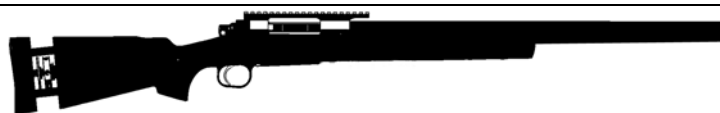
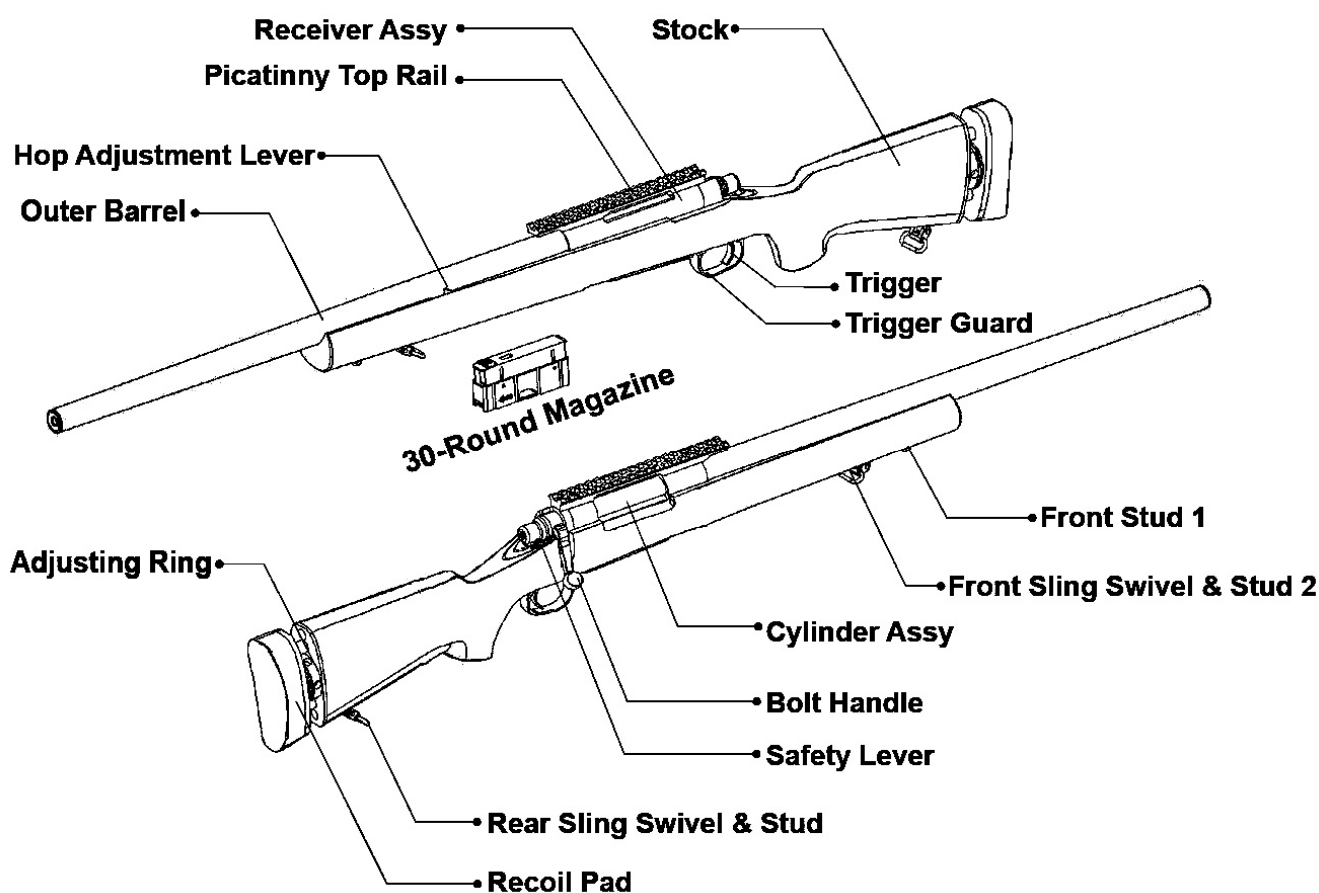
Never disassemble or modify the air gun, it may cause the trouble and dangerous.

! WARNING

- The operation procedure varies according to the model. Make sure to operate an air gun after recognizing its features.
- We are not responsible for any accidents, events, injuries or repair costs arising from wrong operation and handling or by modification and disassembly of the gun.

Notice before Operation:

After receipt of the MOD24, immediately unpack and inspect it for any shipping damage or missing parts. If any sign of damage or missing parts are found, immediately notify the dealer. Promptly request a copy if you lose the Handling Cautions and Instruction Manual.

■ SET CONTENTS**2. Outlook/ Structure**

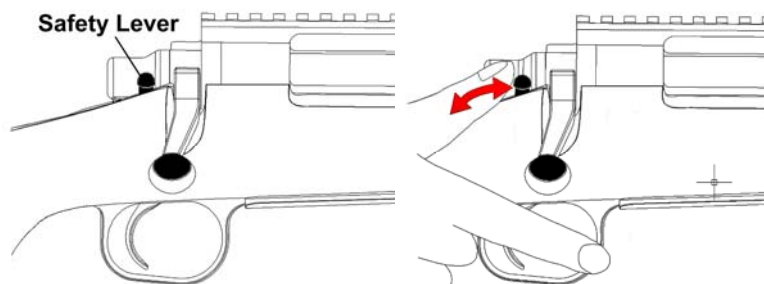
MOD24 Sniper Rifle Specification

Weight, with full magazine	2.8 kg	
Length, with the stock adjusted to the minimum length	110cm	
Barrel Length	485mm	
Hop-up	Adjustable	
Magazine Capacity	30	
Major Color	BLACK / O.D. / TAN	
Shooting Mode	Bolt Action	
Barrel Caliber	6.08mm	
Pellet Type	6mm BB	
Initial Pellet Speed (2 models)	453FPS (138 m/s)	315 FPS (96 m/s)
Remark: Initial Pellet Speed for Korea is 0.2J		

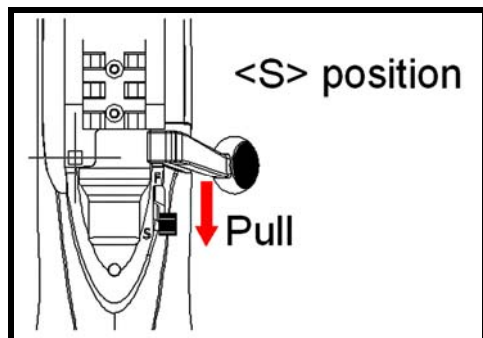
Always read through this manual before operation.

MODIFY BOLT ACTION AIR RIFLE

3. Safety Setting



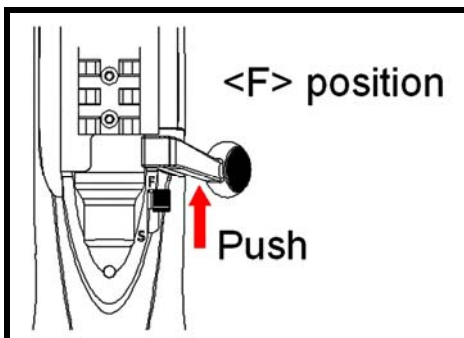
Always set the safety lever to SAFE until immediately before firing.



Safety lever to ON (S)

Pull the safety lever backward to S to make the safety function valid.

★ When you are not firing or during storage. Always set the selector to the safe position. ★



Safety lever to OFF (F)

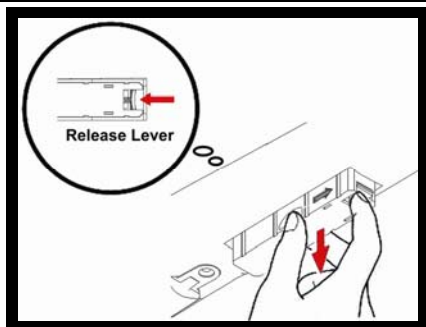
Push the safety lever forward to F to release the safety.

★ The gun will fire one shot each time the trigger is pulled. ★

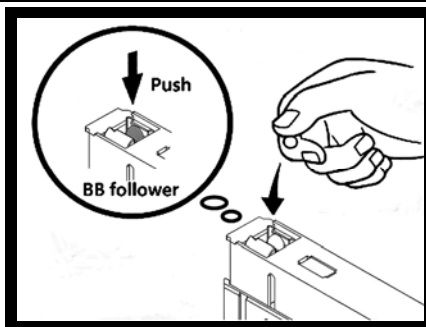
Caution:

- Never operate the Safety lever while pulling the trigger. Otherwise, malfunctions are possible, resulting in accidents.
- Pulling the trigger with the Selector being set to safe may damage the gun.

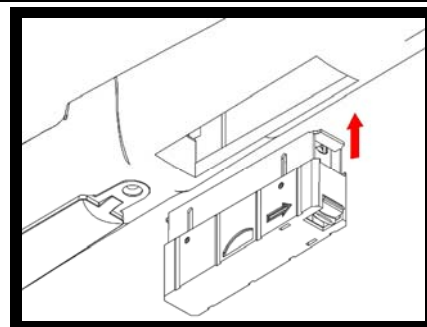
4. Setting Magazine



Press the magazine release button as shown to detach the magazine.



Push down the BB follower and feed BB pellets one by one. About 30 BB pellets can be loaded. Avoid forcing BB pellets into the magazine. Use our original BB loader for quick action.



Always set the magazine upwardly. The pellet hatch in the magazine needs to be parallel to muzzle's direction.

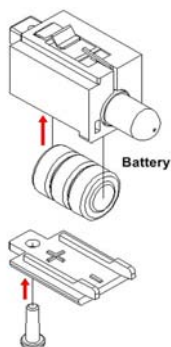
Hold the magazine horizontally and push upward until a click sound is heard.

Caution:

- Never use any used BB pellets. Always use the BB pellet supplied by MODIFY for this air gun. We shall not be held responsible for any damage or accidents arising from the use of pellets supplied by other manufacturers.

5. How to install the LED box

① Install the Battery



① Loosen the screw from the LED box to remove the battery cover plate.

② Install the attached three mercury batteries as shown.

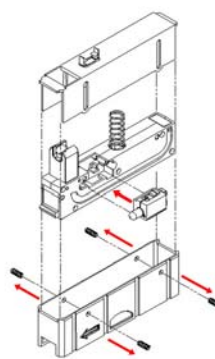
③ Fasten the cover plate with the screw.

Caution:

Make sure the + and - battery contacts are properly oriented

The LED may not work when old and new batteries are used together

② Install the LED



① Remove the four screws from the magazine

② Disassemble the magazine cover into upper and lower part. Take out the inner case.

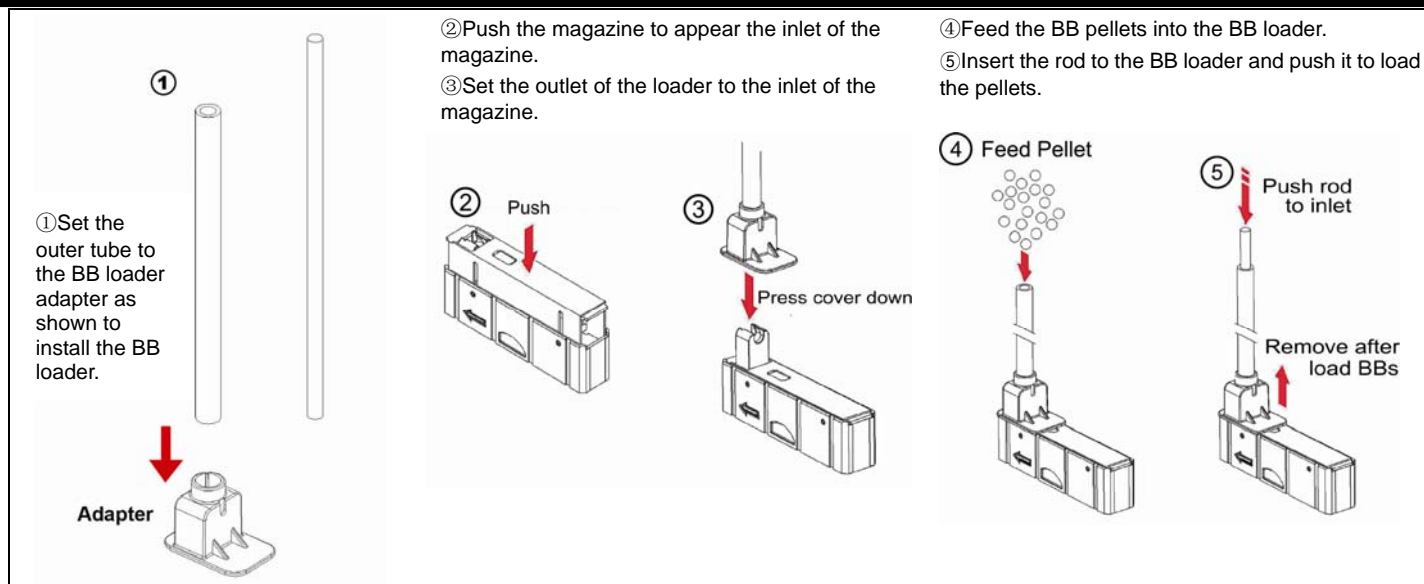
③ Install the LED box into the magazine inner case as shown.

④ Assemble the magazine and tighten the four screws to finish.

6. How to use a BB loader

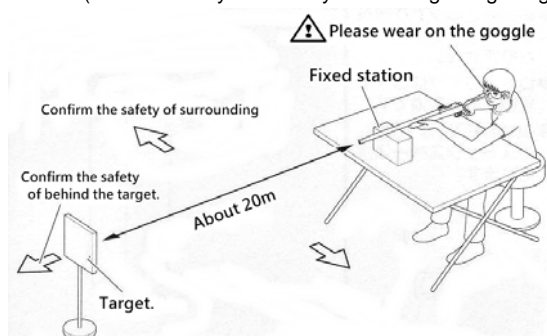
★ One Point advise ★

The BB loader can be used for MODIFY Air Gun series.



7. Zeroing-in

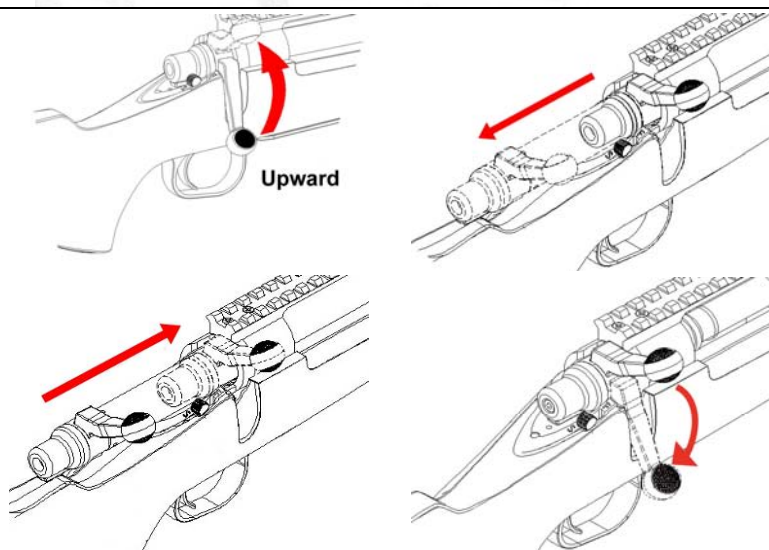
A. FIRING (Confirm safety sufficiently before beginning firing)



★ Before adjusting your hop-up and sight, shoot at a target testing the gun on something which can help steady the gun. ★

Caution:

- Make sure the target and shooting range is safety enough and it will not affect the others.
- Activating the trigger carelessly is extremely dangerous. Never put your finger onto the trigger unless you are ready to shoot a target.
- You can fire a pellet by only pulling the trigger slightly because this rifle is developed for game.



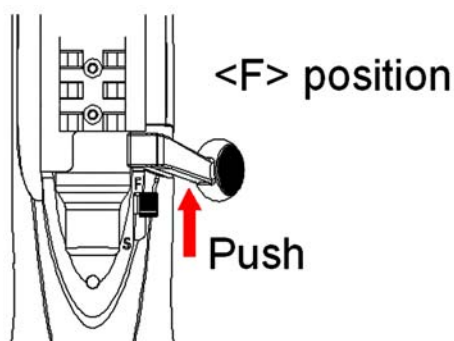
① Push the bolt handle upward and pull it backward as shown until a click sound is heard.

② Return the bolt handle and put it down to the original position. (The gun will not fire if the cocking lever is not put down completely.)

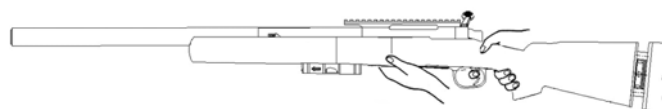
Caution:

A Non-pellet Alert Function is available for this rifle. Remove the empty magazine before return the bolt handle is a must. Return the bolt handle furiously may damage the gun.

③ Set the safety lever to F to release safety.

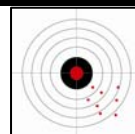


④ Pull the trigger. Firing.



Check the target after shooting.

- Confirm that: The firing line to the target is horizontal.
- You can hit the mark.



Caution:

- Outdoor shooting may be influenced by weather conditions such as wind.
- Be careful that pellets may fall if a bolt handle is returned with sufficient vigor when it is in a place with the hop lever near the normal position.

Always read through this manual before operation.

MODIFY BOLT ACTION AIR RIFLE

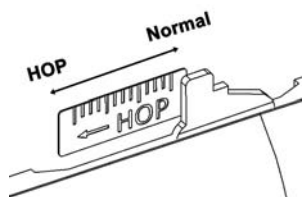
B. Adjustable Hop Up System

By producing a back-spin on the BB pellets, this system allows for straighter and longer distance shooting than normal air guns. The Modify adjustable hop up system permits one-touch adjustment using the dial and lever, making it an accurate hop up system.

Caution:

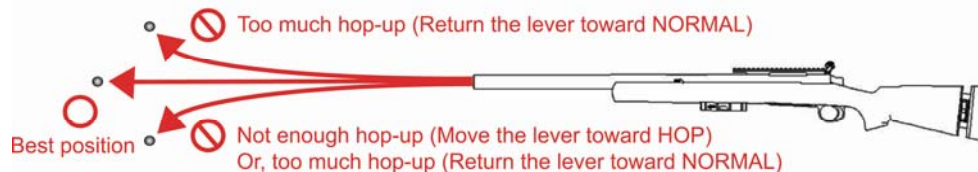
- Moving the lever too much towards HOP may cause clogging of pellets.
- If pellet clogging occurs, immediately stop firing the gun, return the hop adjustment lever to the Normal position and remove clogging pellets using the cleaning rod.
- Never use any used and dirty pellets.

★ Adjustment procedure (Adjust by carrying out trial firing, referring to 6 on page 6 of the manual) ★



- Turning excessively adversely affects the trajectory. So, stop turning the hop adjustment lever when pellets fly horizontally.
- The hop up dial can only be turned a certain amount. Turning it too much will damage it.

★ The best position is where the pellets fly horizontally and the longest flying distance is obtained. ★

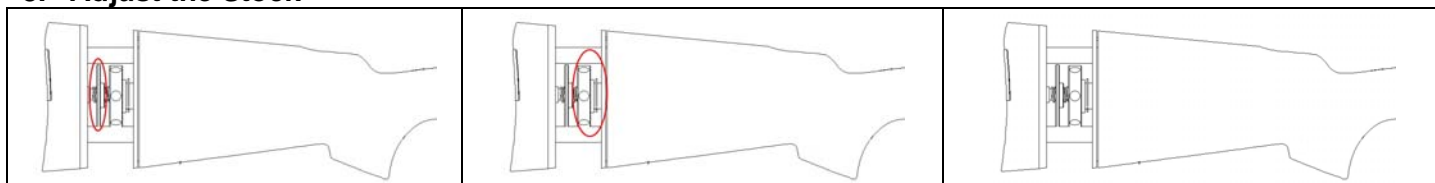


BB pellets can be shot horizontally in long distance.

When Hop Up is improper

Symptom	Cause	Action
Severe flying up.	Too much hop setting.	Gradually return adjustment lever towards Normal.
Short flying distance of pellets. (less hopping up effect)	Too much hop setting.	Gradually return adjustment lever towards Normal.
	Hop Up bucking is contaminated by oil or dirt.	Fire pellets equivalent to 4 or 5 magazines or clean the chamber using the cleaning rod.
	Badly worn hop up bucking.	Purchase the replacement parts at your dealer or from MODIFY and replace it.
Cannot adjust	Damaged adjustment lever or other worn parts.	Purchase the replacement parts at your dealer or from MODIFY and replace it.
Frequent pellet clogging.	Too much hop setting.	Gradually return adjustment lever towards Normal.
	Poor or too large sized BB pellets.	Use the BB pellet supplied by MODIFY.
	Dirty bore.	Clean using the cleaning rod or consult your dealer or MODIFY for repair.

8. Adjust the Stock



Loose the lock ring.

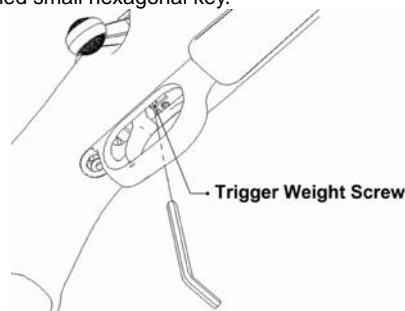
Adjust the length by turning the adjustable ring.
Adjustable range: about 65 mm

Fixed the length by locking the lock ring to the adjustable ring tightly.

9. Adjust the Trigger

Trigger Pull Adjustment

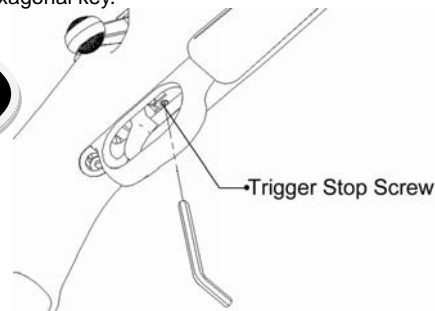
Adjust the trigger pull force by turning the trigger weight screw using the attached small hexagonal key.



- Turn clockwise to increase the force needed to pull the trigger.
- Turn counterclockwise to decrease the force needed.
- ★ If you turn the screw excessively, the screw may come off. ★

Trigger Travel Adjustment

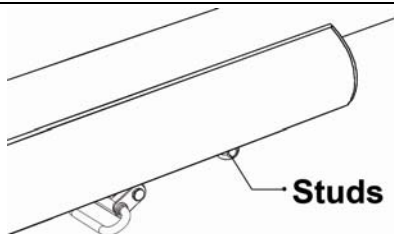
Adjust the trigger travel by turning the trigger stop screw using the attached small hexagonal key.



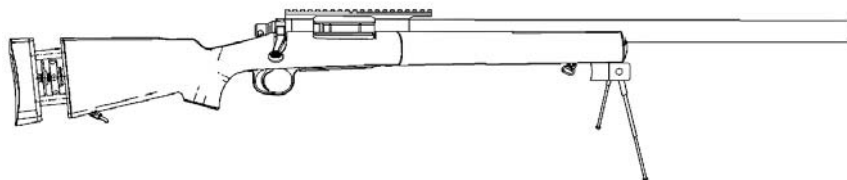
- Turn clockwise to reduce the trigger travel.
- ★ Do not turn the screw excessively to make the trigger activate. ★
- Turn counterclockwise to increase the trigger travel.
- ★ If you turn the screw excessively, the screw may come off. ★

Directly adjust trigger
without any disassemble.

10. Bipod Installation



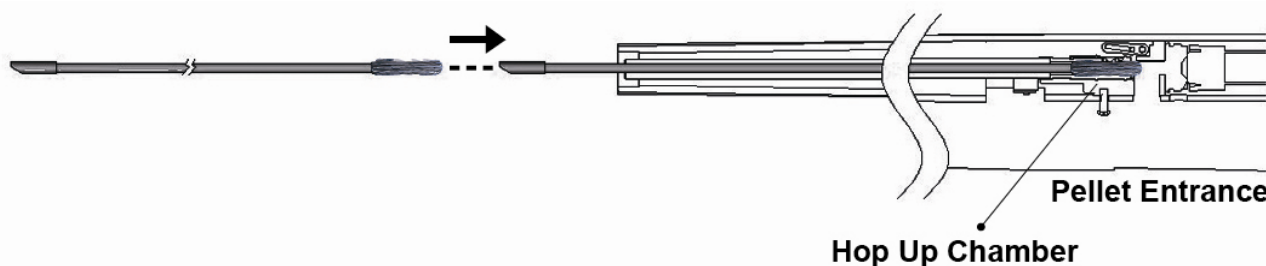
Installing a bipod on your rifle can greatly enhance your accuracy while target shooting.



- ① Loosen the screw on the bottom side of the bipod, releasing tension from the bipod's clamp.
- ② Place the clamp on the front stud affixed in the stock--the retention pins located in the clamp's interior should insert into both sides of the stud's hole.
- ③ Tighten the screw on the bottom of the bipod, causing the clamp to secure on the stud.

11. Maintenance

- ① Drop a few drops of silicone oil from the pellet entrance, then fire pellets equivalent to 1 or 2 magazines.
- ② Use the cleaning rod (with cotton) as shown below, to remove the excess oil to complete the maintenance.

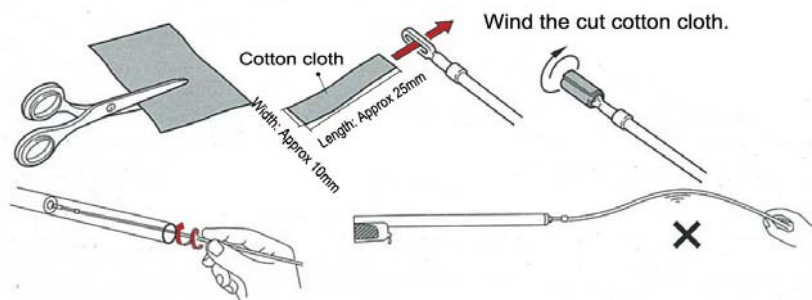


Caution:

- Always begin the maintenance by returning the hop-up adjustment lever to the Normal (HOP-OFF) position.
- The inside chamber is a precision component, it can be damaged easily. Be careful during maintenance. Never use any used pellets.

How to use a cleaning rod

Cut a cotton cloth to the size as shown and insert one end into the hole in the rod. (Adjust the length of the cloth for smooth entry into the barrel.)



Hold at the leading end of the rod and insert the rod into the barrel while turning the rod.

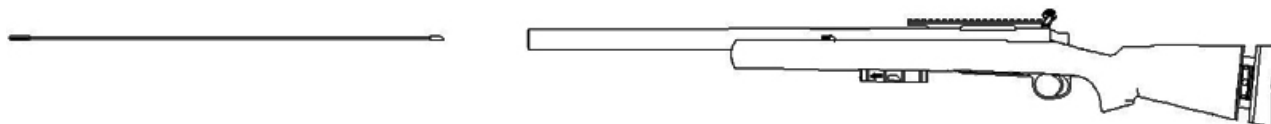
Caution:

Inserting the rod will be difficult if you hold rod at the end.

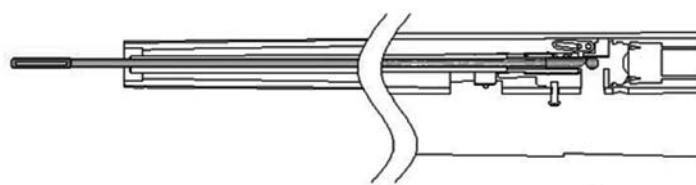
Removing Clogged Pellets (Set the safety.)

When pellets are clogged, immediately stop operation. Remove clogged pellets and then restart operation of the air gun.

- ① Return the hop up lever to the Normal position and insert the cleaning rod from the lead edge of the barrel.



- ② Always insert the cleaning rod by the angled part facing down, and remove clogged pellets.



Caution:

Since clogged pellets may jump out at a high speed, always wear safety goggles and confirm safety.

MODIFY BOLT ACTION AIR RIFLE

12. Exploded Diagram

