

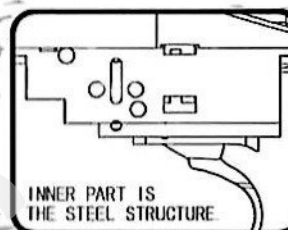


SNOW WOLF

# SW-10

BOLT ACTION AIR RIFLE

FOR AGES 18 YEARS AND UP



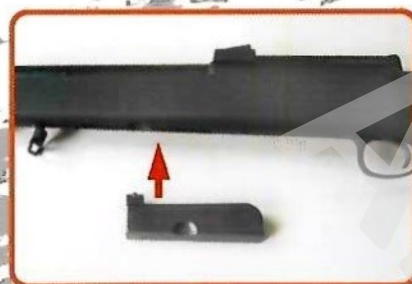
INNER PART IS  
THE STEEL STRUCTURE

NEW GEARBOX



## WARNING

- FOR AGE 18 YEARS OR ABOVE.
- PLEASE READ THE INSTRUCTION CAREFULLY BEFORE USAGE. MISUSE OR CARELESS USAGE MAY CAUSE SERIOUS INJURY.
- USER SHOULD OBEY TO ALL LAWS REGARDING THE USAGE AND OWNERSHIP OF GAS GUNS.
- FACIAL PROTECTION IS REQUIRED.



MADE IN CHINA

HANDLING CAUTIONS AND INSTRUCTION MANUAL

# SW-10

## BOLT ACTION AIR RIFLE

Always read through this manual  
before operation.

(PRO SNIPER VERSION)

### Pro-SNIPER VERSION

Smooth & Quick Cocking Device

Metal Material Receiver

Full Adjustable Trigger & Inner  
Mechanism

Aluminum One-piece Tapered  
Barrel

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### HANDLING CAUTIONS AND INSTRUCTION MANUAL

Users Restricted to 18 Years of age or  
older

WARNING	
	Operation of this air gun for competition use is restricted to users younger than 18 years old.
	Since the field of fire can be about 50 to 60 meters, careless shooting may cause eye damage or other injuries.
	Always read through this HANDLING CAUTIONS AND INSTRUCTION MANUAL carefully before operation. Operate the air gun with full recognition of warnings and cautions.

Always read this manual before using.





## ATTENTION (INSTRUCTION) PLEASE READ IT BEFORE USE IT.

It is for your to enjoy the fun of shoot that this soft ballistic gun is made. Various kinds of guns have their own features, So you should have sound comprehension before you enjoy the fun of safe shooting. The BB bullets can flight a distance Of 20-30m. If it is not properly used, there would be some risk. So you have to read the instructions carefully before using it, And strictly follow them while using it, and then, you can enjoy the fun of shooting.

**ATTENTION** Please pay attention: you would probably be hurt because of carelessness or shooting mistake.

**ATTENTION** MAKE SURE TO WEAR PROTECTION GLASSES TO PROTECT YOUR EYES.



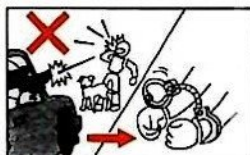
Make sure to wear protection glasses while shooting BB bullets or playing game. And the BB Bullet will go back once it hits hard object, (attention: please don't point to people.)

**ATTENTION** DON'T POINT TO PEOPLE AND ANIMALS.



Please don't train the soft ballistic gun on people or animals. Please cover the muzzle with the safe lid, if you are not shooting.

**ATTENTION** YOU WILL BE PUNISHED IF YOU SHOOT MISCHIEVOUSLY.



Those who shoot mischievously or train the gun on people or animals will probably be punished by law.

**ATTENTION** DON'T LOOK CLOSE TO THE MUZZLE AT ANY TIME.



Your eyes will be hurt if the BB bullets shoots your eyes by chance, it is very dangerous. So don't look close to the muzzle at any time.

**ATTENTION** THE MUZZLE SHOULD BE DIRECTED AT THE SAFE DIRECTION.



The muzzle should not train on people or animals or any where that would cause danger. Please cover the lid except shooting.

**ATTENTION** THE SAFE LID SHOULD COVER THE MUZZLE.



Please cover the muzzle with the safe lid, so that the BB bullets won't be shot randomly.

**ATTENTION** DON'T SHOOT CASUALLY.



Shoot casually will cause great danger, so please shoot before you take away the lid, and aim at the object.

**ATTENTION** DON'T SHOOT WHERE THERE ARE PEOPLE OR TRANSPORTATION.



The soft ballistic shooting place should be in the safe arena, those places where there are people or transportation are not allowed to shoot.

■ YOU HAVE TO READ THE INSTRUCTION CAREFULLY BEFORE USING IT BECAUSE THE OPERATION IS DIFFERENT FROM THE NORMAL GUN.

■ THOSE INCIDENT, DANGER, HURT, REPAIR CAUSED BY THE WRONG WAY OF OPERATION, READJUSTMENT, DISMANTLE ARE CLAIMED TO BE THE RESPONSIBILITY.

## Always read through this manual before operation

**ATTENTION** PLEASE PUT IT IN A BAG OR BOX WHILE CARRYING IT.



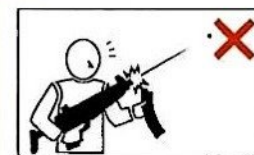
While carrying the soft ballistic gun, make sure the muzzle is tightly covered by the lid, and should be put in the bag or box.

**ATTENTION** KEEP IT OUT OF THE TOUCH OF THE LITTLE KIDS.



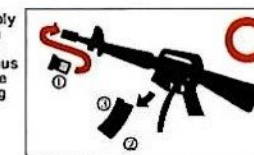
Please put it in the bag or box with the safe lid covered while not using it. And make sure to keep it out of the touch of kids that below 10.

**ATTENTION** YOU CAN CONDUCT BB BALLETS EVEN THOUGH THE BALLISTIC BOX.



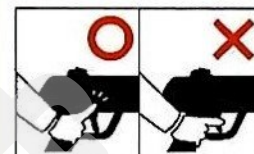
The BB bullets may probably leave in the gun body even you take away the ballistic box, which is very dangerous. So please cover the muzzle with the safe lid after taking away the ballistic box.

**ATTENTION** PLEASE COVER IT WITH STICKY PAPER.



Cover the muzzle with the safe lid. Attach the sticky paper to anywhere that is possible to conduct shooting. Please take away the ballistic box.

**ATTENTION** DON'T PULL THE TRIGGER EXPECT YOU WANT TO SHOOT.



Don't pull the trigger except you want to shoot. It is very danger if pull trigger because of spring.

**ATTENTION** DON'T DISMANTLE THE GUN BODY.



The dismantlement of the gun body would easily cause trouble, incident, which is really dangerous. So please don't dismantle the gun body.

## ATTENTION

- THIS SOFT BALLISTIC GUN IS INSTALLED WITH 6MM BB BALLETS WHICH CAN SHOOT IN A DISTANCE OF 20-30M, WHILE USING THIS GUN, YOU HAVE TO CONCERN ALL KINDS OF RISKS. MAKE SURE TO USE IT IN ABSOLUTE SAFE CONDITION.
- WHILE PLAYING GAMES, PLEASE MAKE SURE THE SAFE CONDITION WHERE THE BB BALLETS MAY POSSIBLY REACH. MAKE SURE THE SECURITY OF THAT THOSE WHO DON'T WEAR PROTECTION GLASSES OR THE SPECTATORS.
- THE MUZZLE SHOULD NOT BE DIRECTED AT GLASS, BULB, FLUORESCENT LAMP, OR HOUSE MACHINE, TEASET, OR PLATE, FURNITURE, GAS BOTTLE ETC. BECAUSE OF THE DANGER CAUSED BY BROKEN.
- EXCEPT BB BALLETS, NOTHING CAN BE PUT INTO BALLISTIC BOX AND SHOOTING MACHINE.
- THE FINGER CAN INSERT INTO CERTAIN SPOT ACCORDING TO THE SHAPE OF GUN, BUT PLEASE DON'T PUT YOUR FINGER INTO THE GAP OF THE GUN BODY.
- MAKE SURE THE GUN IS PLACED IN THOSE PLACE WHERE IS NOT EASY TO FALL, AND SHOULD BE OUT OF THE REACH OF THE KIDS BELOW 10. WHAT'S MORE, IN ORDER TO PREVENT THE NAUGHTY KIDS, THE MUZZLE SHOULD BE COVERED WITH SAFE LID, AND SHOULD BE PUT IN BAG OR BOX.
- WHEN YOU FOLLOW THE RIGHT WAYS (ACCORDING TO THE INSTRUCTION), BUT STILL CAN SHOOT BB BALLETS, OR WHEN YOU CAN'T REPAIR BECAUSE OF THE BREAKDOWN CAUSED BY THE GETTING OLD, OR THE FALL DOWN CAUSED BY THE WRONG OPERATION, PLEASE SEND TO THE STORE WHERE YOU GET IT OR MAIL IT TO HAVE IT REPAIRED.
- IF YOU OPERATE PROPERLY, IT CAN CONDUCT 1000 ROUNDS OF BALLETS, AND THE ACCESSORIES CAN BE REPLACED. IF YOU CAN'T DO IT, THAT MEANS THERE IS SOMETHING WRONG IN IT. PLEASE SEND IT TO THE STORE WHERE YOU GET IT OR MAIL IT TO HAVE IT EXAMINED OR CHANGE THE PARTS.



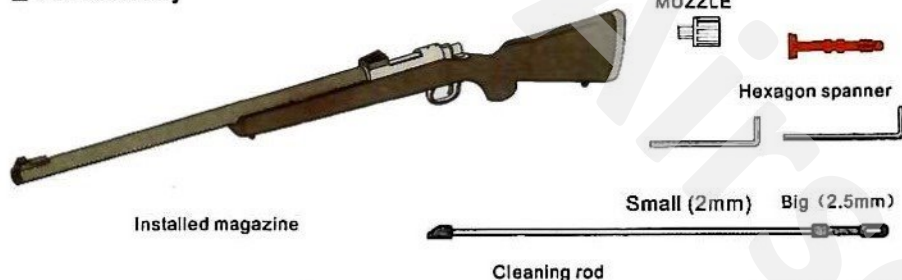
### About the instruction



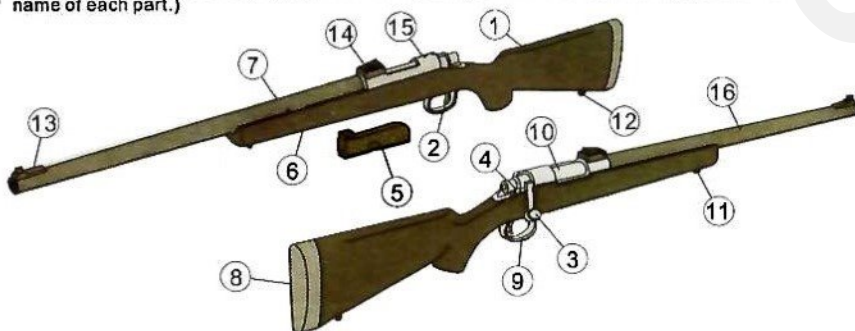
- This instruction is written for the purpose of using our product properly and safely. The instruction with illustrations enables users to understand and operate the product better. Properly use this product after you read it carefully and know all the notices in it.
- Warning: If you don't pay attention to the cautions and install or use it wrongly, it may cause accidents or malfunctions.
- We shall not be responsible for any damage or malfunction of the gun caused by wrongful operation stated in the instruction.

Please read it carefully before and after installation.

#### Full assembly

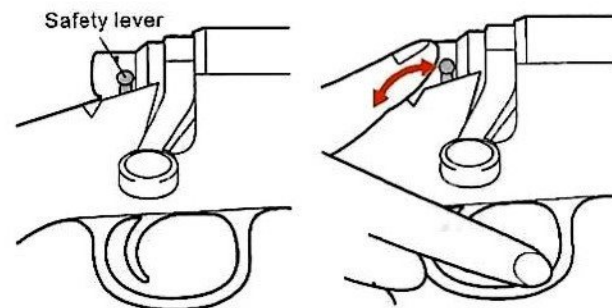


#### 2 Name of each part (Detailed contents will be described in the item on each page after the name of each part.)

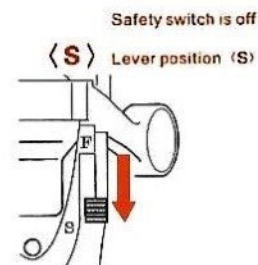


		NO.	
①	Stock	⑨	Trigger Guard
②	Trigger	⑩	Cylinder Assy
③	Bolt Handle	⑪	Front Sling Pin
④	Safety lever	⑫	Rear Sling Pin
⑤	Magazine	⑬	Front Sight
⑥	Magazine Catch Button	⑭	Rear Sight
⑦	Hop Adjustment Lever	⑮	Receiver Assy
⑧	Butt plate	⑯	Outer Barrel

## 2



It can operate with single hand without keeping hands from the handle

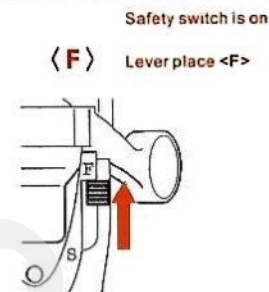


Safety mechanism (safety device)

Fail to pull the trigger

Please turn off the safety switch when not firing and storing gun.

Don't forget to install protective cap either.



Fire

It can eject if pulling the trigger.

It can eject if pulling the trigger under firing standing status (7P2-②)

#### WARNING 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.

## 2 Safety Setting

(Always set the safety lever to SAFE until immediately before firing)

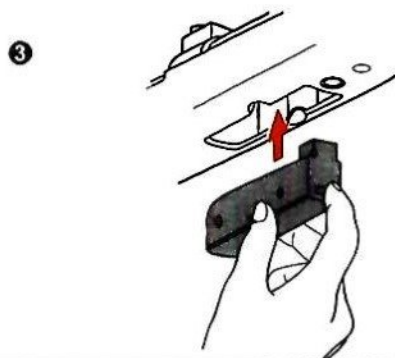
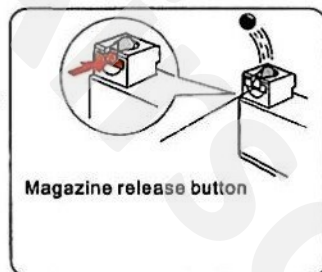
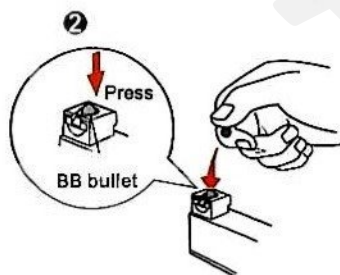
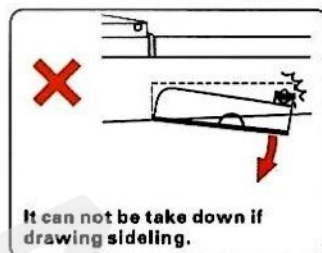
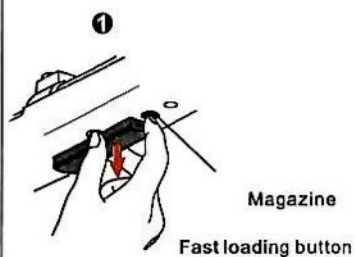
#### Safety Setting

When you are not firing the gun or during storage, Always set the selector to the Safe position and attach the protective cap.

#### Fire

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

3



### WARNING CAUTION

- Always use our BB Bullet for this air gun.
- We shall not be held responsible for any damage or accidents arising from the use of bullets supplied by other manufacturers.

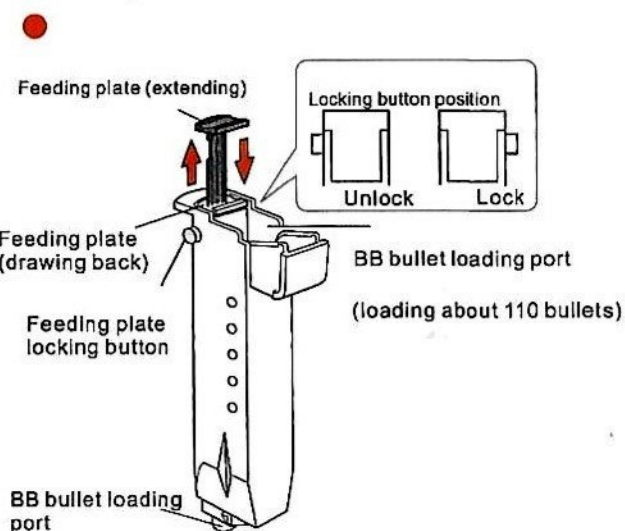
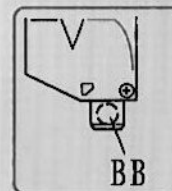
### 3 Setting the Magazine

- Press the magazine release button to remove the magazine. (Remove the magazine right down without slanting.)
- Push down the BB follower and feed bullets one by one.

**CAUTION** The magazine is capable of containing 30 bullets.

Slide the rib in the arrow direction to remove remaining BB bullets. (Be careful since BB bullets may jump out.)

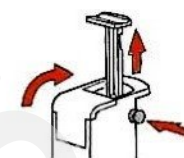
- Use our original BB loader for quick action (See page 6)
- Always set the magazine upwardly. Hold the magazine horizontally and push it from below until it clicks.



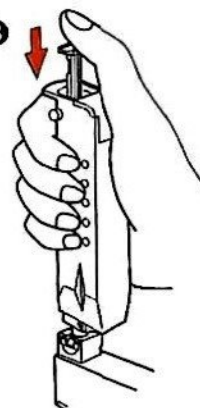
1



2



3



### WARNING CAUTION

- Stand or lean forward the loader to supply shells.
- Fully pull the rod to feed BB bullets.
- The rod lock is available when storing the rod.
- The outlet of the BB loader has the space for one bullet.

#### 1 One point advise

The BB loader can be used for Air Gun Series and 24 automatic gas revolver series.

### ● How to use BB loader

- Feed the BB bullets into the BB loader.
- Close the lid and press the rod lock off button. Pull the rod enough.
- Load the bullets, setting the outlet of the loader to the inlet of the magazine.



2

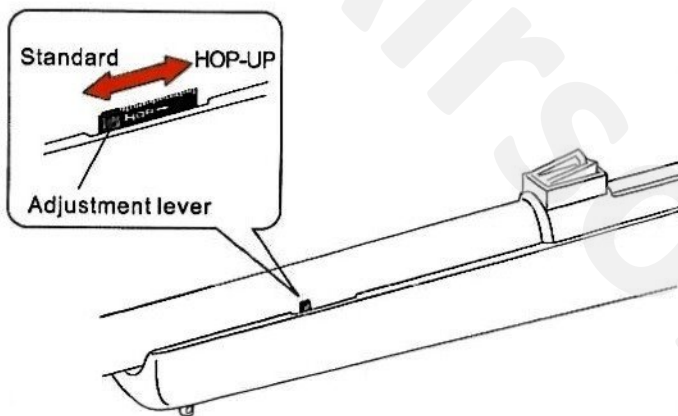
### Variable Hop Up System

By producing a back-spin on the BB bullets, this system allows for straighter and longer distance shooting than normal air guns.

Unlike the fixed type, the Marui variable hop up system permits one-touch adjustments using the dial and lever, making it an ideal hop up system.

#### CAUTION

- Moving the lever too much towards HOP causes bullets to clog.
- If bullet clogging occurs, immediately stop firing the gun, return the hop adjustment lever to the Normal position and remove clogging bullets using the cleaning rod. (refer to 19P32)
- Never use used and dirty bullets.



#### WARNING CAUTION

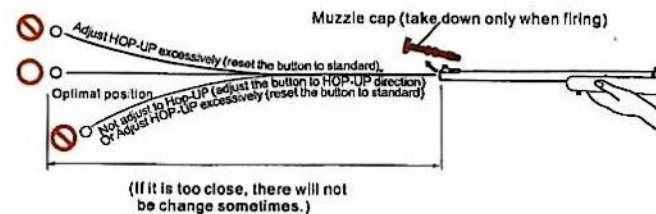
- If the hop-up is adjusted excessively causing clogging of bullets, immediately stop operating the gun, return the dial to Normal, fire 2 or 3 shots and readjust.

▶ Adjustment Procedure (Adjust by carrying out trial firing, referring to Eon page 7, 8 of the instruction manual.)

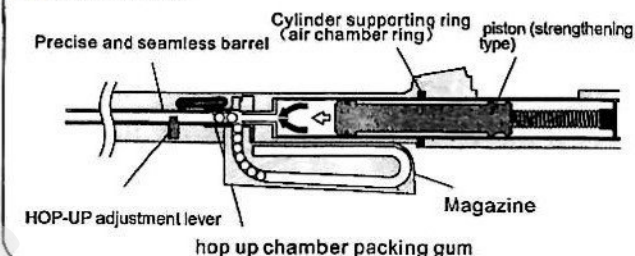
- Turning excessively adversely affects the trajectory. So, stop turning the hop adjustment lever when bullets fly horizontally.
- The hop up dial can only be turned a certain amount. Turning it too much will damage it.



- The best position is where the bullets fly horizontally, and the longest flying distance is obtained.



#### Structure diagram



#### WARNING CAUTION

- Since a precision tight barrel is used, use of dirty bullets or those with burrs causes clogging of bullets.
- Never hold the gun sideways as the BB bullets will curve right or left. This is due to the HOP-UP system.

#### Operational Cautions (Strictly observe the following cautions.)

- Make sure to return the hop adjustment lever to the Normal position when removing clogged bullets or cleaning.
- Over 2000 shots, perform maintenance following the procedure on page 19 to 21.
- We shall not be responsible for any damage or accidents arising from wrong operation, disassembly and modification of the air gun. Any costs for repair of such damage shall be paid by the user.

#### When not flying horizontally

Symptom	Cause	Action
Bullets flying upwards	Too much hop setting	Gradually return adjustment lever towards Normal.
Short flying distance of bullets (less hopping up effect)	Too much hop setting	Gradually return adjustment lever towards Normal.
	Hop packing contaminated by oil or dirt	Fire bullets equivalent to 4 to 5 magazines or clean the chamber using cleaning rod.
	Worn or damaged hop packing	Purchase the replacement part at your dealer or from and replace it.
Cannot adjust	Damaged adjustment lever or other parts	Purchase the replacement part at your dealer or from and replace it.
Frequent bullet clogging	Too much hop setting	Gradually return adjustment lever towards Normal.
	Improper or too large sized BB bullets BB	Use the BB Bullet supplied by our.
	Dirty hop Packing	Clean using the cleaning rod or consult your dealer or for repair.

#### WARNING CAUTION

● Illustration and explanation are for the right-handed. For the left-handed, do the contrary to that method.

#### One point advise

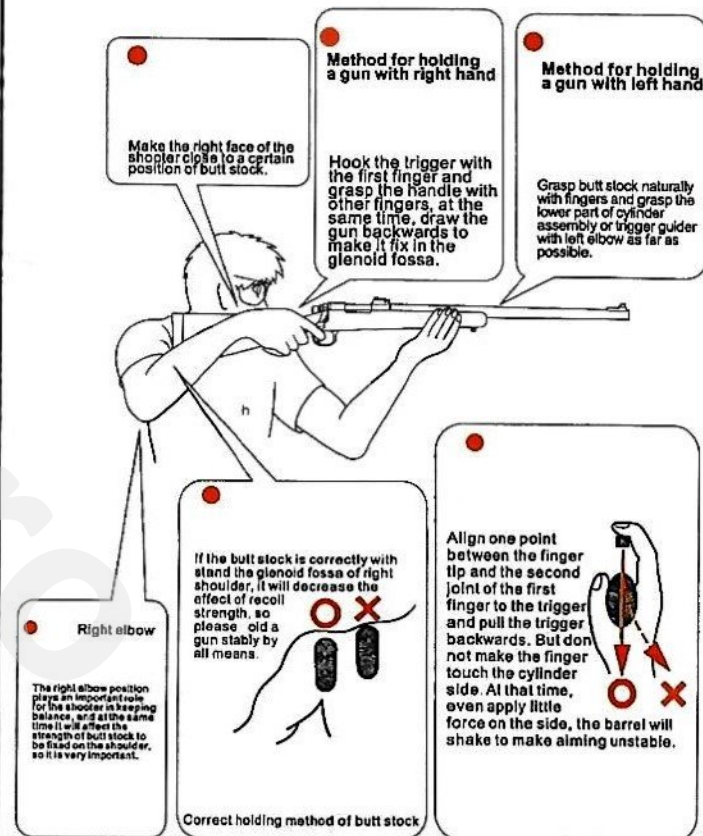
You can extremely improve the hit probability by holding the gun properly.

### Sighting-in

Before adjusting the gun sight, return to "Firing" on page 7 and adjust the hop-up, then confirm that the firing line is level.

#### ● Correct holding of the gun

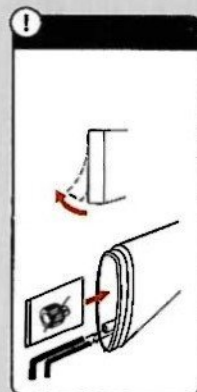
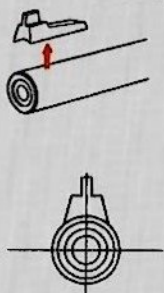
For helping the sighting steady, hold a gun at the ready as shown in the figure.





### WARNING CAUTION

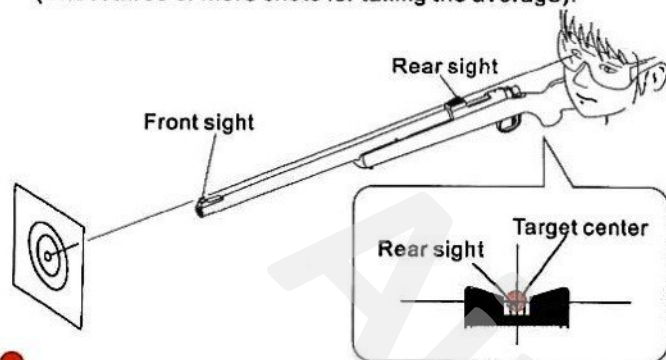
- The front sight is removable. After arranging the rear sight, move the front sight to the center if necessary.



**One point advise**  
You can store the maintenance tool in the stock.

### Sighting-in

Adjust the rear sight for shooting at the center of the target (Shoot three or more shots for taking the average).



### Windage adjustment

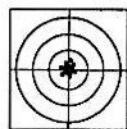
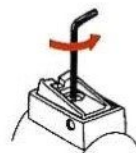
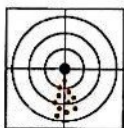
When the lower right part of the target is hit, move the sight to the left by turning the right side screw counterclockwise using the attached large hexagonal key. (Turn clockwise to move the sight to right).



### Elevation (Up / Down) adjustment

When the lower part of the center becomes to be hit, move the sight by turning the top screw of the rear sight clockwise using the attached small hexagonal key. (Turn counterclockwise to move down).

Adjust the gun sight until you can aim on an exact target.



The standard equipped front sight and rear sight are simple sight. If you want to enjoy more precise firing, we suggest you to install sighting mirrors.

### WARNING CAUTION

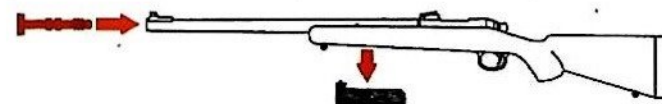
The trigger pull and trigger stroke are properly arranged on delivery.

### Trigger adjustment

- 5 For adjusting trigger, remove the receiver Assy from the stock

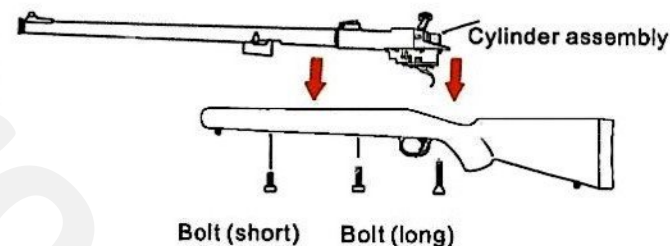
Please face the safe direction and pull the trigger after open safety lever.

- 1 Attach the protective cap and remove the magazine.



- 2 Remove the two screws using the attached large hexagonal key. Pull out the receiver Assy upper forth.

Pay attention for the magazine catch cap not to come off.



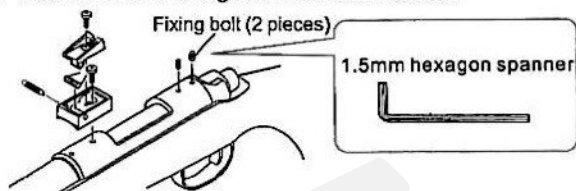


## WARNING CAUTION

- Be sure not to lose the removed parts.
- The front sight is attached with the double-sided tape. If it obstructs your field of vision with attaching the scope, you can remove it.

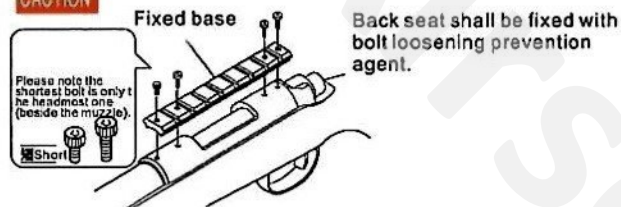
## 6 Attaching the original mount base and scope

- 1 Remove the rear sight and the two screws.



- 2 Attach the mount base to the body using the four screws.

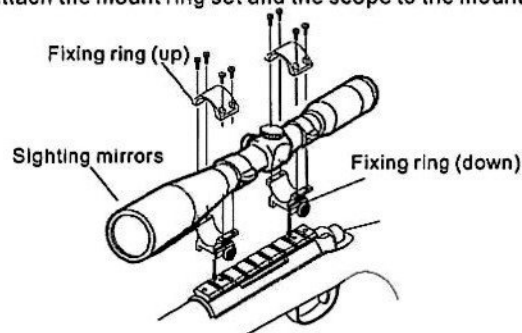
### CAUTION



### CAUTION

If the bolt in the forefront is long bolt, it will damage the body. Furthermore, if the headmost bolt and the aftermost bolt are fixed excessively, it may damage the screw.

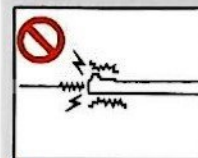
- 3 Attach the mount ring set and the scope to the mount base.



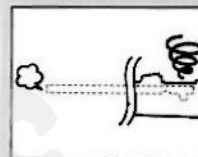
Please read the operation manual of fixing ring and Sighting mirrors together.

## WARNING CAUTION

- Begin the maintenance after returning the hop-up lever to the NORMAL (HOP-OFF) position. Be careful during maintenance.
- As the inside chamber is precisely designed it can be damaged easily.



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

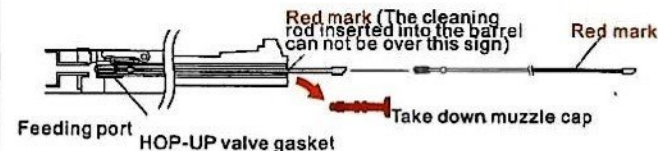


## 8 Maintenance

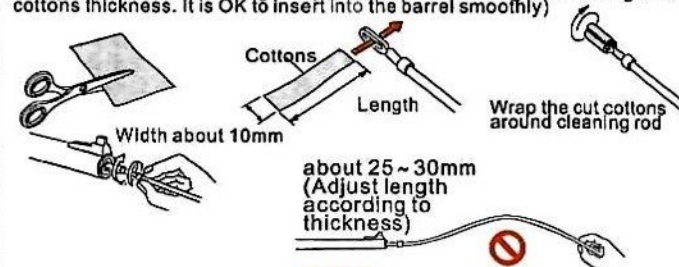
■ Prior to performing the following procedure, remove the magazine referring to page 5 and fire a bullet selecting a safety area.

### 1. Maintenance of the Hop Up Chamber

- ① Drop a few drops of silicone oil or Teflon oil from the bullet entrance and fire bullets equivalent to 1 or 2 magazines.
- ② Use the cleaning rod (with cotton) as shown below to remove excess oil.



Cut cottons leftovers according to the size shown in the following figure and clamp in the hole of cleaning rod. (Please decide the length according to the cottons thickness. It is OK to insert into the barrel smoothly)

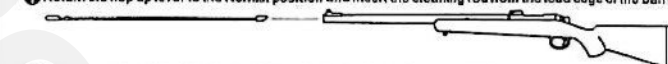


### CAUTION

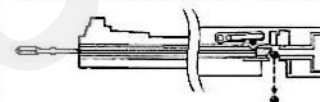
Inserting the rod will be difficult if you hold rod at the end.

### 2. Removing Clogged Bullets (Set the safety.)

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



- ② Be careful so that the angled part of the cleaning rod faces down, and remove clogged bullets.



### CAUTION

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

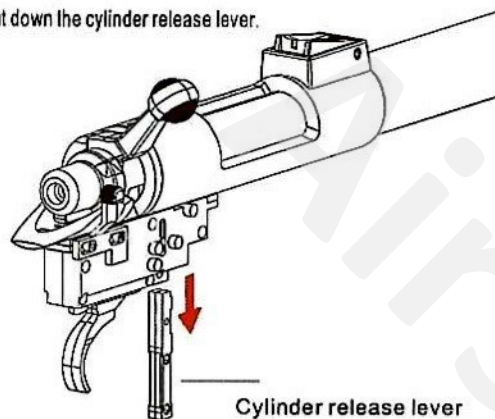
### WARNING CAUTION

- Since consumption of a cylinder release lever and a cylinder can be considered when return of a bolt handle is heavy even if it maintains, we recommend you exchange.
- Please do not decompose, except when return of a bolt handle becomes bad.

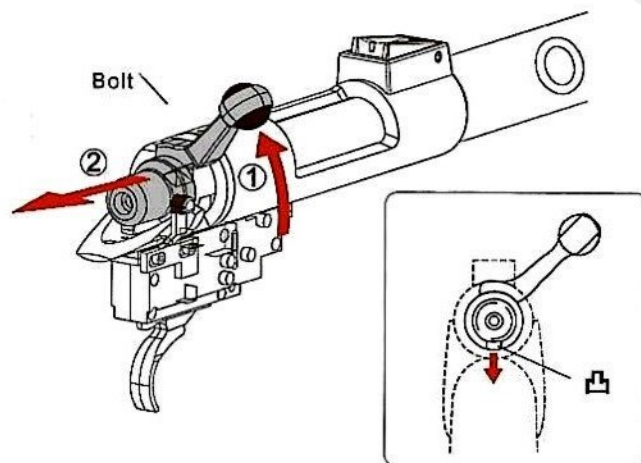
## 3. Maintenance of the Hop Up Chamber

※Remove the cylinder Assy referring to page 18 , before maintenance.

- ① Put down the cylinder release lever.



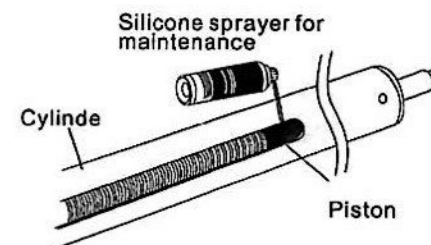
- ② Up the bolt handle and pull out the bolt sleeve.



### WARNING CAUTION

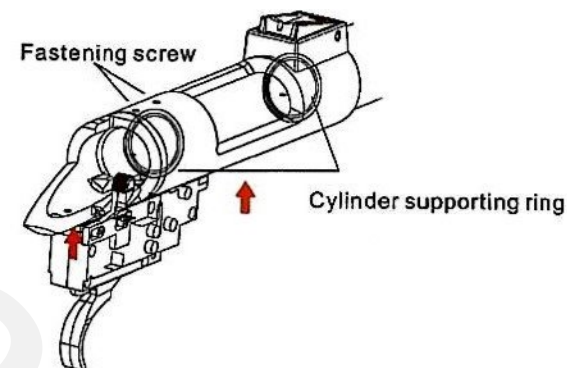
- Never use CRC -556 or other mineral oil.

- ③ Spray the silicon oil on the lower slot of the cylinder.



- ④ Wipe the dust or dirt on the ring. If the screw is loose, tighten it.

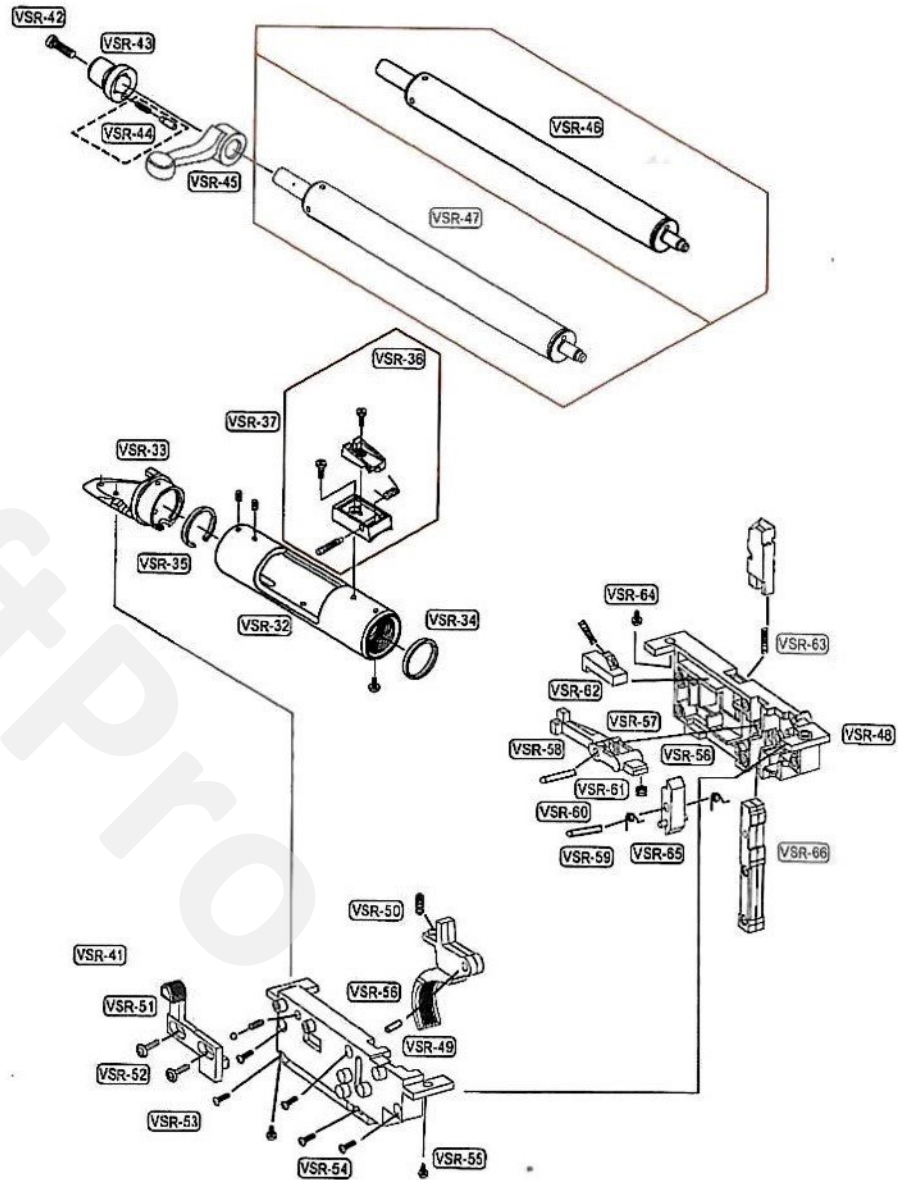
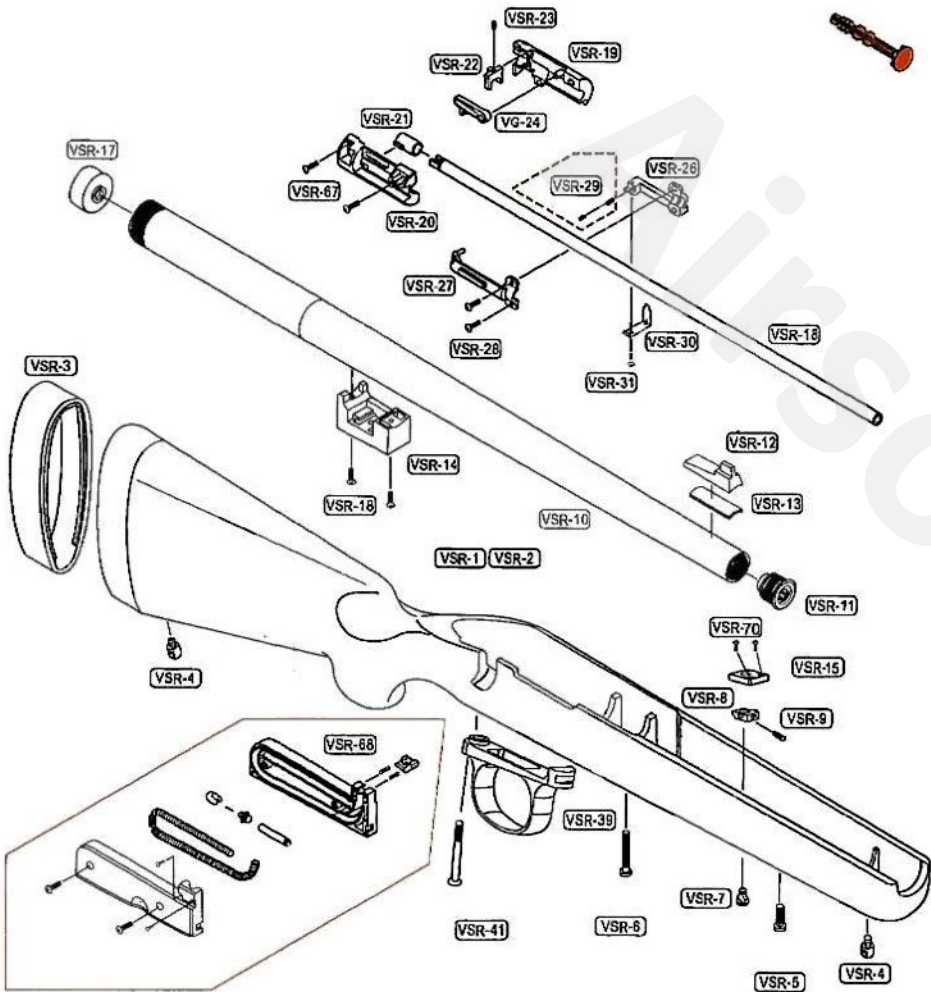
**CAUTION** If you tighten the screw excessively, the cylinder may not be controlled. If necessary, fix the screw using the screw-locking material.



Always attach the protective cap during storage



SW-10 DETAIL LIST



# SNIPER'S MANUAL

## Action skills

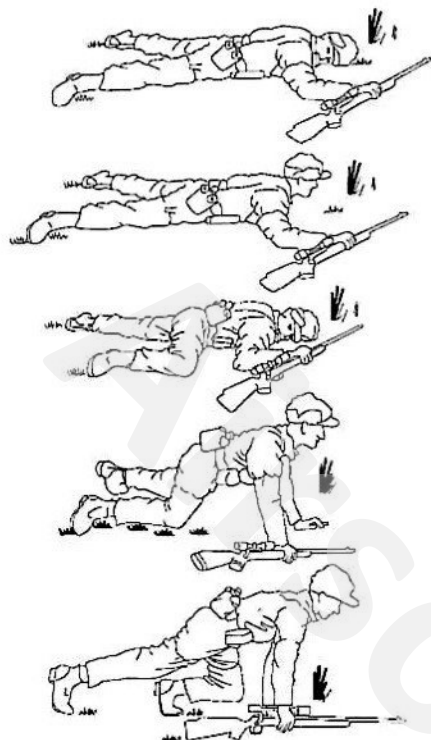
Rush is the most rapid action and starts from the crawl position.

1. Raise head slowly and select rush position.

2. Lower down head slowly, close arm to the body and lower down elbow, then draw right foot frontward.

3. As one complete action, straighten arms, support body from the ground, depending on the ground and select a position to start action as spring.

4. Firstly step out left foot to rapidly start action and move to new position.

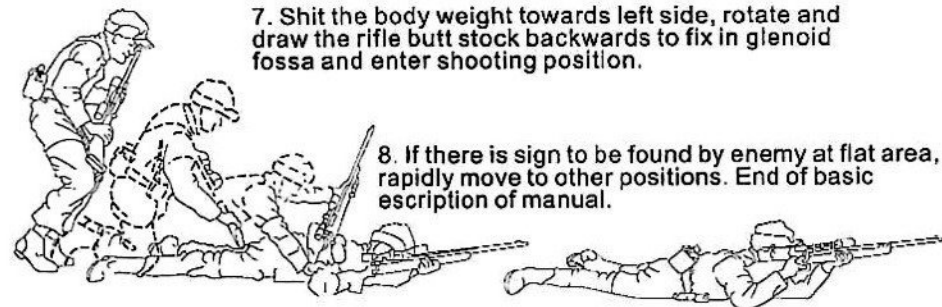


5. Knees leave from ground and the body is thrown towards the ground. Slip the right hand and lower down the rifle butt stock towards the heel of right foot.

6. Continue to move forwards, fall towards the ground from the rifle butt stock. Note not to damage sighting mirror at that time.

7. Shift the body weight towards left side, rotate and draw the rifle butt stock backwards to fix in glenoid fossa and enter shooting position.

8. If there is sign to be found by enemy at flat area, rapidly move to other positions. End of basic description of manual.

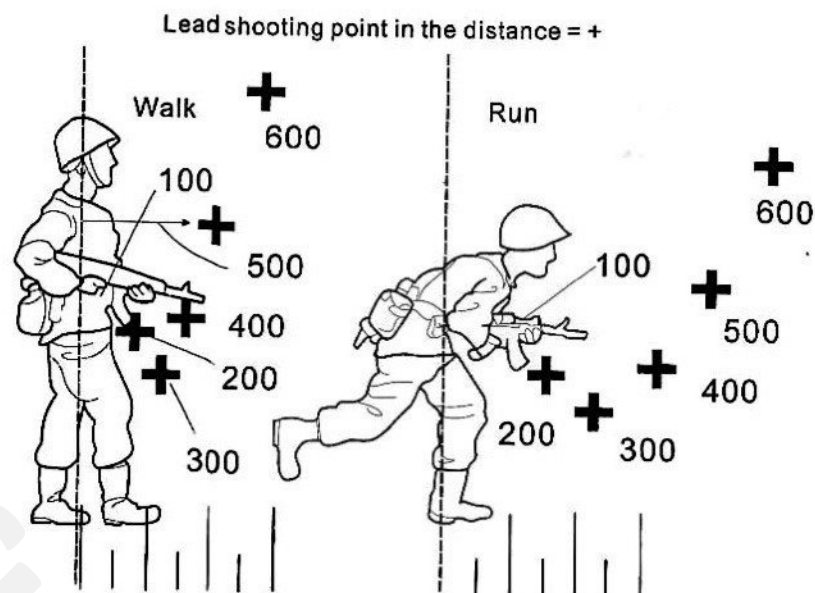


Please experience the sniper world in practice in the future.

# SNIPER'S MANUAL

## Snipe moving target

It is more difficult to snipe a moving target. To Snipe the front of target is called lead shooting, i.e. representing forecast shooting.



Aiming high position if it is far and aiming low position if it is in middle distance.

Main points of lead shooting

When the shooter uses right hand, it will always fall behind the move of target during tracking target from right to left, so the advance shall be increased.



Non lead shooting

Directly move toward this direction

Semi lead shooting

The target moves in the angle of about 45 degree, so it is called semi lead shooting

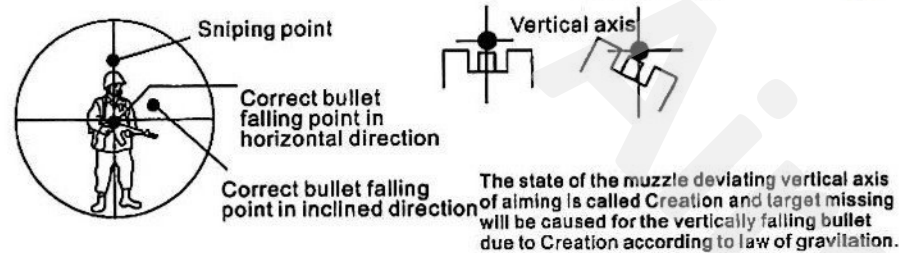
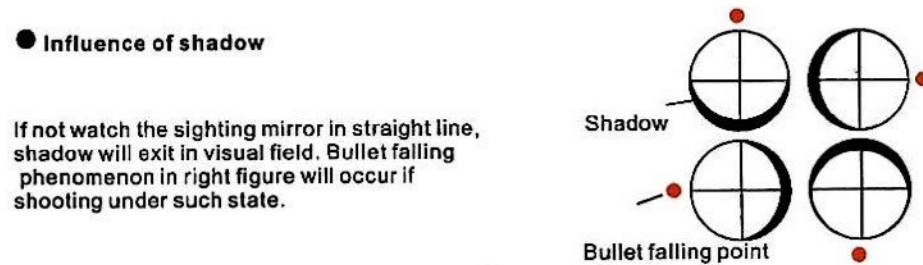
Full lead shooting

The target moves in right angle in the front.

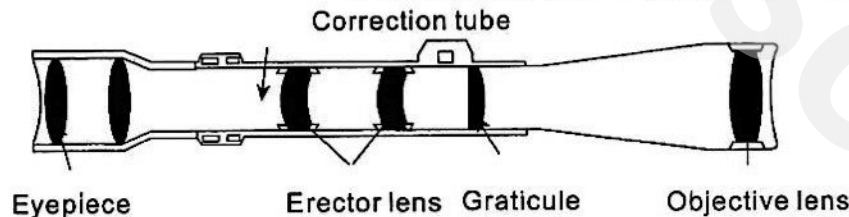


## ● Influence of shadow

If not watch the sighting mirror in straight line, shadow will exit in visual field. Bullet falling phenomenon in right figure will occur if shooting under such state.



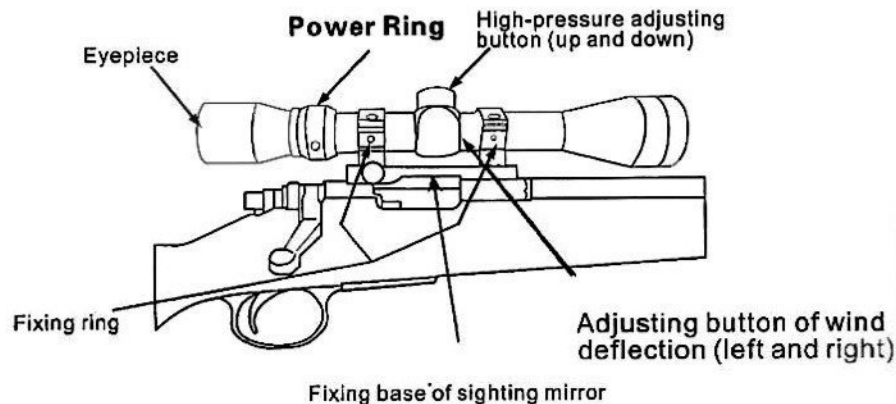
## Basic structure of telescope sighting mirror



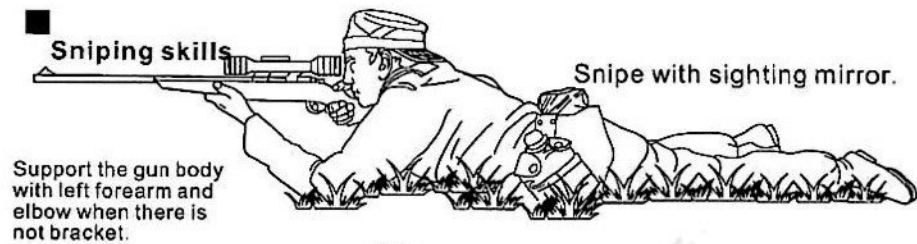
Enlarge image in order to see clearly the inverted reflection of image of target.

Partly enlarge the image in objective lens, and the image is adjusted to correction direction

The inverted reflection of image is in sighting mirror.



## Sniping skills



Support the gun body with left forearm and elbow when there is not bracket.



Distance between eye and sighting mirror 5~7cm

Bracket

The bracket (bipod) is very important. The bullet grouping will not concentrate if it becomes loose.



Face spot weld (the original meaning is spot welding and here refer to keeping the fact closely to the top of butt stock), keep the left hand to shoulder and support the butt stock with thumb and index finger

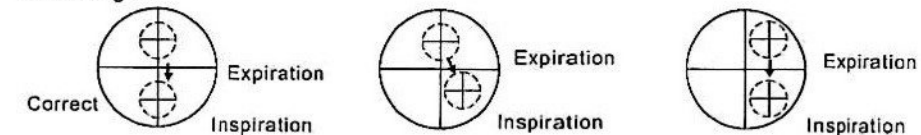
It can increase shooting accuracy to select enough shooting space and perfect concealment position

Keep the end of butt stock closely to shoulder and the right arm, right elbow and shoulder are in right angle to form a bag state.



## ● Influence of breath

If shoot in prone position with the rifle with bracket, you possibly think it is easy to hit target. However, the muzzle will shake up and down for each breath. It will shake due to the beating of heart and the center of cross hairs will sway up and down as well as left and right.



The correct hairs will directly shift to the 6 o'clock position from the 12 o'clock position

Fail to correctly support gun body with elbow

Shift the body rightwards with left elbow as axis to adjust posture.

## Basic shooting positions



### ■ Prone position shooting

It is the most basic position for shooting and also the most stable one.



### ■ Kneeling position shooting

It adapts to shooting with more moves though with poor stability.

### ■ Kneeling position shooting by the help of tree

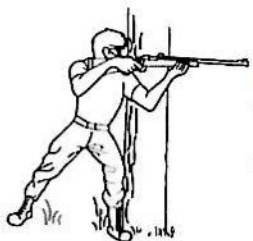


Stability is increased and concealment effect is also expected.



### ■ Standing position shooting

Can shoot rapidly while tracking, but it needs more advanced design technology due to poor stability.



### ■ Standing position shooting by the help of tree

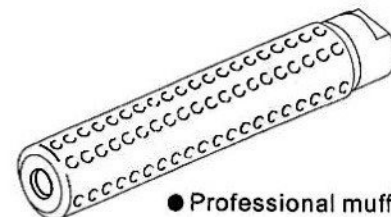
Can track target while moving to the other tree from one tree.

## INTRODUCTION

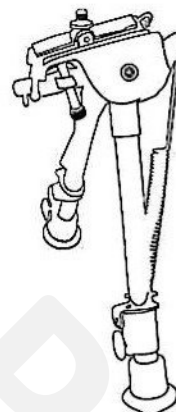
Optional extras necessary for enjoying accurate firing with B·A·R-10 (separately sold)



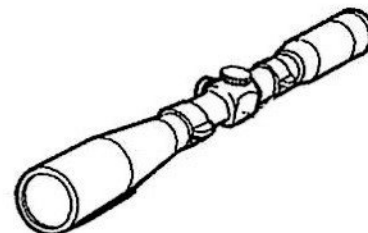
### ● Muzzle connector



### ● Professional muffler

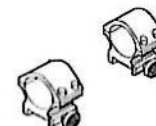


### ● Bracket assembly To be sold in near future



3x9x40

### ● Front focused sighting mirror with variable scope To be sold in near future



### ● Fixing ring