

AIRSOFT

UNIVERSAL SNIPER
AIRSOFT



INSTRUCTION
MANUAL

Charging the Battery (Battery and charger are options.)

Use the specified battery.

- Use the specified battery for the gun, 8.4V, Mini Battery. Otherwise, the originally designed functions will not be obtained.

CAUTION The SD and AK Type Mini Batteries cannot be used.

- Use the specified battery charger which is applicable to the above battery.

- Use the correct battery and charger according to respective instruction manuals. We will not be held responsible for any accident or damage caused by wrongful operation or usage of non-specified batteries.



- 8.4V Mini Battery [S]
- 8.4V Mini Battery Pack



- Charger for Mini Battery

Component Names (For details, see the name given for each component.)



! WARNING !	
18 Years or older	Operation of this air gun is for training purposes only, at legal training facilities. Users will follow all applicable air gun laws and regulations. Sales and usage restricted to persons 18 years of age or older.
Injury Caution	Plastic BB's can reach 50 to 60 meters, and up to 300 fps. Careless shooting and mis-handling may result in severe eye damage and/or other injuries. Always wear eye and body protection. Never point or shoot at people or animals. Always follow safe handling and precautions listed in the manual. Understand fully all operators of this air gun. Use this air gun with full recognition of its caution warnings. Use within full compliance of State and local laws.
Please read manual!	
CHOKING HAZARD Keep away from small children. Contact your Dealer for a replacement manual.	

This product is an airsoft airgun, it is to be purchased by person(s) age eighteen (18) years or older. Adult / parental supervision is required when used by any person under the age of eighteen.

Be responsible, check with your local law enforcement on airsoft airgun regulations.

Please read the operation manual and fully understand the safe handling of your airsoft airgun before use.

Pay special attention to your surrounding when using your airsoft airgun. Do not carry your airsoft airgun in public, in open view or concealed. Transport your airsoft airgun unloaded, in locked gun carrier / case. Do not brandish, point, or shoot at other people, animal or private properties. Such actions may be perceived by others (including law enforcement officer) as a threat and prompt to react accordingly.

U. S. federal regulation requires the orange marking, do not remove, alter or impair marking. All warranty void if markings(s) are tampered.

Enjoy your airsoft airgun in firearm safety / handling training, movie and theatrical production application, regulated airsoft sport at participating playing field and shooting range. Ask your airsoft dealer for details.

Store your airsoft airgun unloaded, remove batteries, discharged of any gas or spring tension. In a safe and locked location; out of the reach of children.

<p>1. Wear protective eye wear & face mask when using AirSoft airguns.</p>	<p>2. NEVER brandish or fire the AirSoft airguns at animal or people beyond a cordoned and regulated AirSoft Sport arena. Brandishing a gun in public is against the law, serious consequences could ensue.</p>
<p>3. Read and understand the operating and safety manual before using your AirSoft airguns.</p>	<p>4. Do not look directly into the gun barrel to avoid accidental discharge of BB.</p>
<p>5. ALWAYS transport an AirSoft airgun inside a locked carrying case. Make sure it's unloaded. Never carry your AirSoft Sport Gun in open view as a concealed weapon, or brandish an AirSoft airgun in public.</p>	<p>6. Do not disassemble or modify your AirSoft airguns. Doing so will void all warranty. Service by authorized centers only. Removal of the orange safety barrel marking is a federal offense.</p>
<p>7. Be aware of your surroundings to avoid accidents.</p>	<p>8. Always install safety barrel plug when you are not using your AirSoft airguns.</p>

1 Selector Lever and Safety Setting (Always set the safety lever to SAFE until immediately before firing.)

CAUTION Set the selector lever correctly in position; otherwise, malfunction may occur.

SAFETY Setting

SAFETY ON

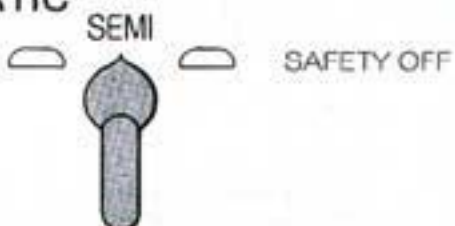


WARNING

Never operate the safety lever while pulling the trigger, otherwise, malfunctions are possible, resulting in accidents.

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

SEMI AUTOMATIC (Single Shot)



CAUTION

Pulling the trigger with the safety lever set to safe, may damage the gun.

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

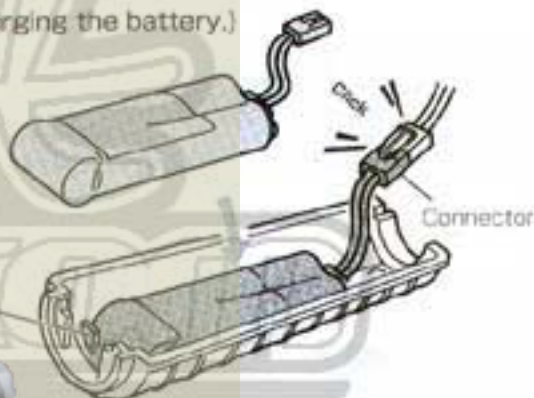
FULLY AUTOMATIC (Automatic Firing)

SAFETY OFF



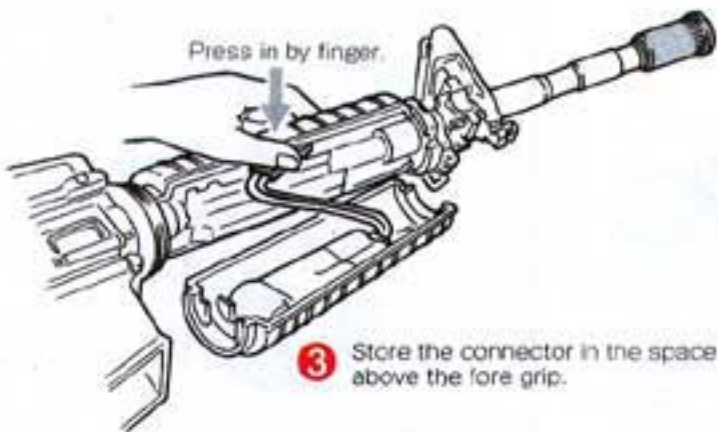
The gun will fire automatically while the trigger remains pulled.

2 Setting the Battery (Conduct operations hereafter after charging the battery.)



1 Pull the fixing ring back and remove the fore grip from the rear.

2 Insert the battery inside the battery guide in the fore grip as shown and connect connectors.



3 Store the connector in the space above the fore grip.



4 Press in the front of fore grip while securing the battery in position, pull the fixing ring back and set the rear of fore grip.

● Do not force Fore grip into place. It may bend the handle

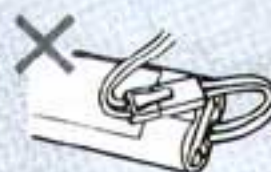


WARNING

Always disconnect the magazine to avoid sudden operation, upon connecting of the battery.



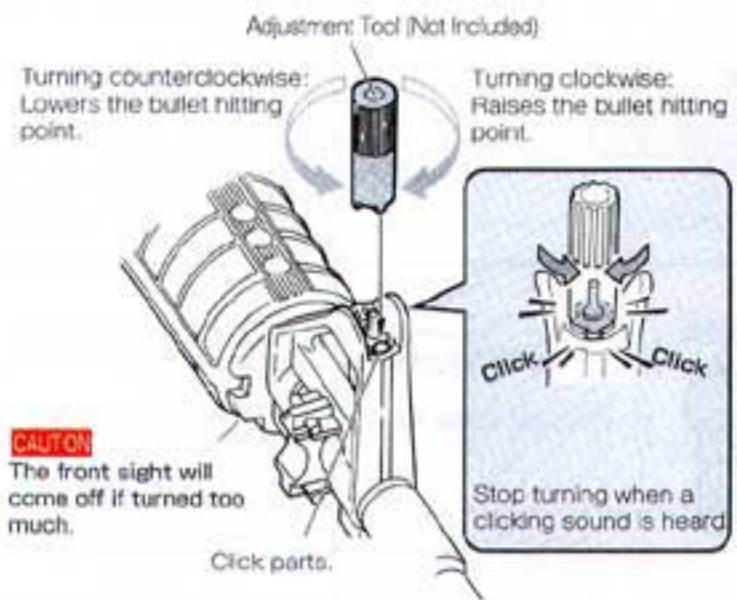
● Be sure to position the connector in the position shown. (Position on the right hand side of the upper half area.)



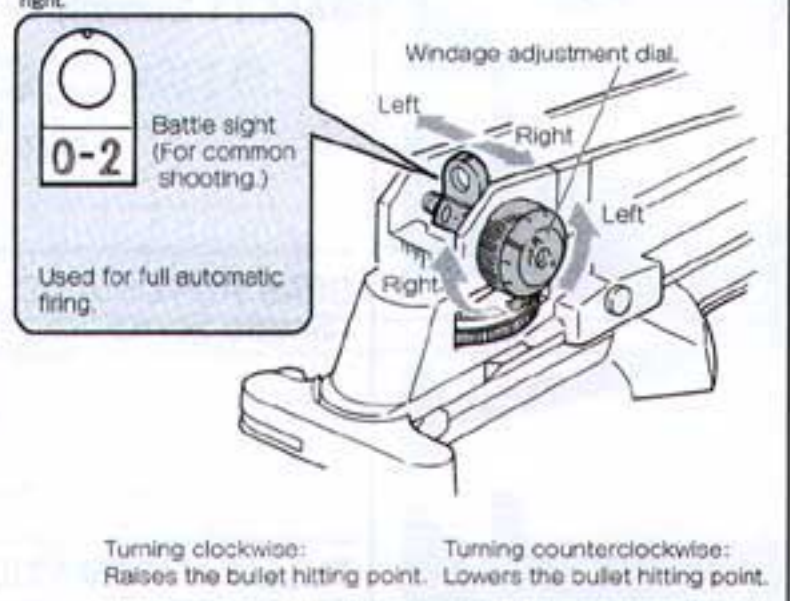
● If connectors and/or cords are positioned above the battery, the fore grip cannot be set in position.

3 Setting the Open Sight

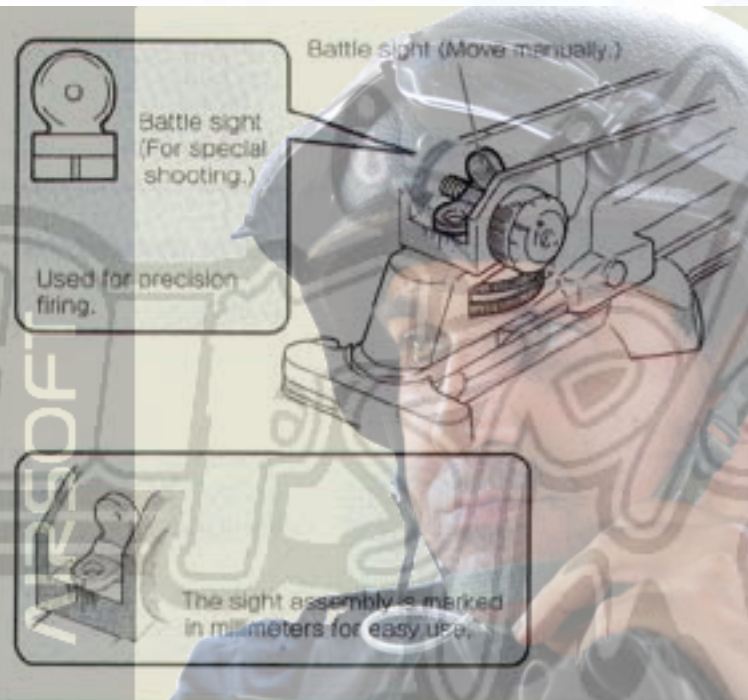
Front Sight Setting the bullet hitting point.
Cover the front sight with the adjustment tool and turn.



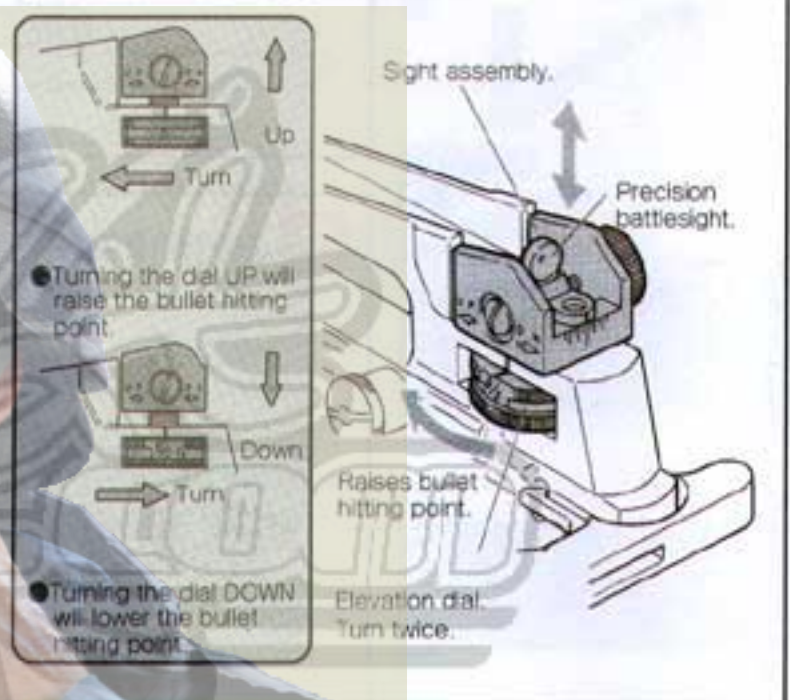
Rear Sight 1. For left-right adjustment.
Turning the windage adjustment dial will move the bullet hitting point to the left or right.



Rear Sight 2. For precision targeting.

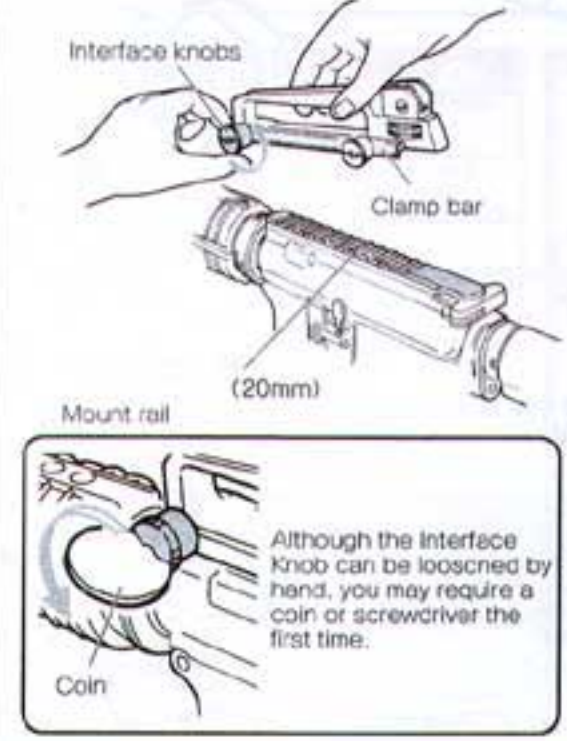


Rear Sight 3. For up-down adjustment.

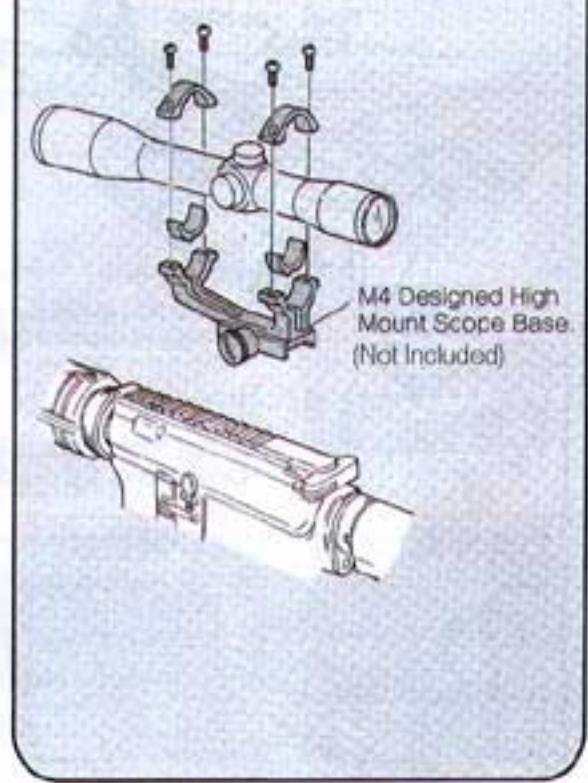


4 Using the Carrying Handle

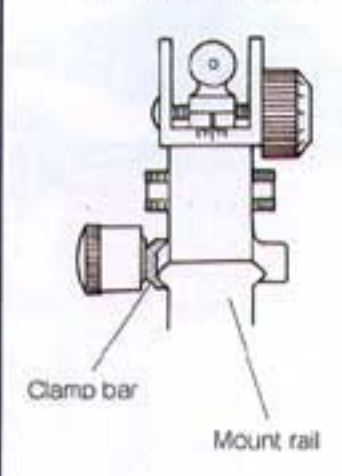
Loosen the Interface Knob and remove the Carrying Handle as shown.



Scopes can be attached to the Mount rail (Not included)



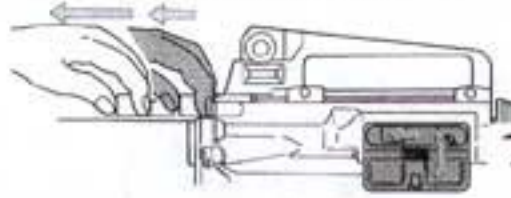
Removal One-point



Put the fixed right side in place first on an angle before pushing down on the left side.

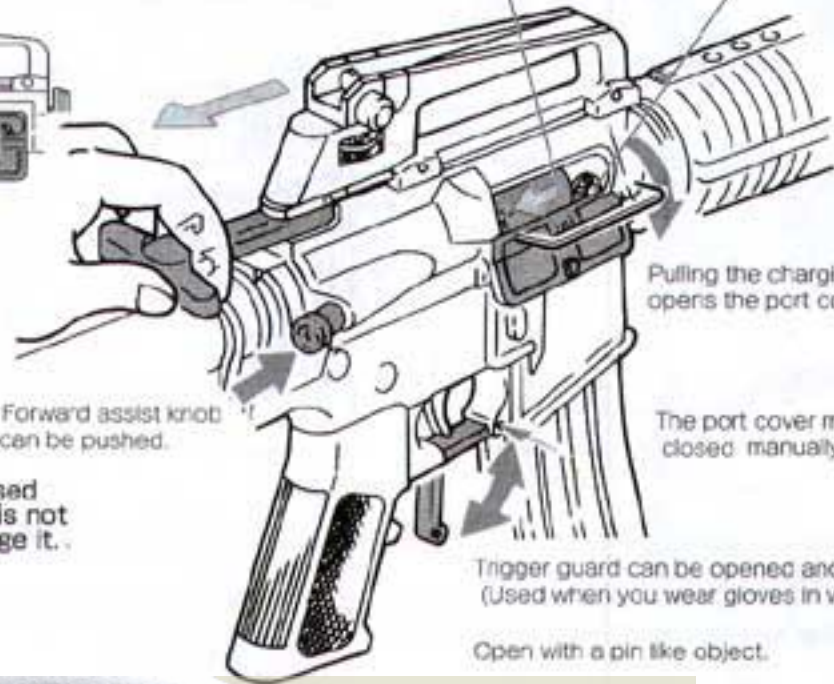
5 Movable Parts

Pulling the charging handle will expose the hop up adjustment dial in the port cover.



Dummy bolt

Hop up adjustment dial



Pulling the charging handle opens the port cover.

Forward assist knob can be pushed.

The port cover must be closed manually.

CAUTION Forcing the port cover closed when the charging handle is not properly in place will damage it.

Trigger guard can be opened and closed. (Used when you wear gloves in winter.)

Open with a pin like object.

Retractable Stock



CAUTION

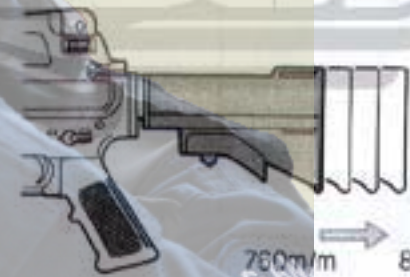
Be careful not to catch your finger in the dummy bolt, as it will close quickly when the charging handle is released.

When closing the port cover, make sure the charging handle has returned fully into position, otherwise, the port cover will not close.

Adjust length to 4 positions

③ The stock will stop at the first position (760mm) if it is pulled without pushing in the Release Lever.

Click



760mm → 840mm

Tactical Side Sling Adapter

It is separate to enable left or right assembly.

Adjust to the most comfortable position.

Rubber piece

Tactical side sling

Sling adapter

Pulling a pin out.

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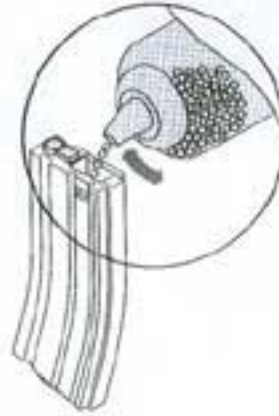
MILITARY

6 Setting the Magazine

1 Press the magazine catch to remove the magazine.
(Support the magazine as it may drop.)



2 Open the cover to load bb's, 300 Round Hi-Capacity.



3 Make sure to set the magazine upwards and connect it firmly until a click sound is heard.



CAUTION Confirm that the safety lever is set to the Safety position and don't place your finger on the trigger.

7 FIRING (Confirm safety sufficiently before beginning firing.)

Remove the protective cap only when you are ready for firing the gun.

Caution on Motor and Battery

Charge the battery if the firing cycle becomes slow.

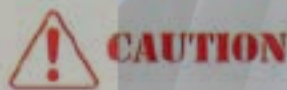
Give the air gun a rest for 5 to 10 minutes after firing about 500 rounds, in order to ensure long service lives of the motor and battery.

1 Set the selector lever to Semi or Full Auto.



2 Pull the trigger.

CAUTION A blank firing may occur at triggering after setting the magazine, this is the normal operation of the gun.



CAUTION

There are possible cases that no firing occurs after pulling the trigger in semi-auto mode. In this case, do not continue to pull the trigger. Fire 5-6 shots in the full auto mode and return to semi-auto mode.

Smell may be generated during operation on a new gun, from the motor. This is normal.

When Bullets Are Clogged

If bullets are clogged, remove them and apply a few drops of silicone oil into the chamber from the magazine entrance as shown or spray silicone oil for 0.5 to sec. to obtain smooth continuous firing, (never use CRC-556 or other mineral oil)

The hop up system operation may not be accurate for 200 to 300 rounds after using silicone oil. This is normal.



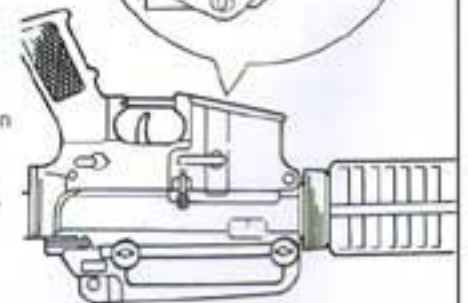
After Operation

Remove the magazine and dry fire the gun in the semi auto mode directing the muzzle to a safe direction (Otherwise, the spring may be weakened.) Set the selector to the Safe position.

Bullets may remain in the chamber even if the magazine contains no bullets (or if the magazine is not connected). (Two or three bullets may drop from the magazine, this is the normal operation of the gun.)

Always disconnect the battery and attach the protective cap whenever you do not operate the air gun

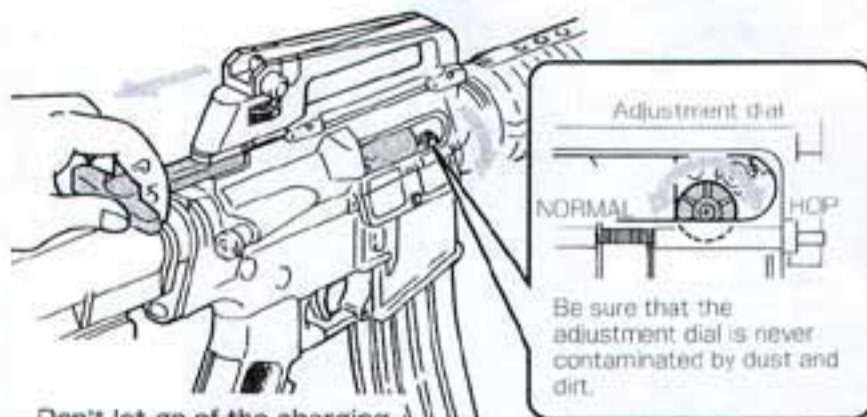
Always attach the protective cap during storage.



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

► **Adjustment Procedure** (Adjust by carrying out trial firing, referring to 7 of the instruction manual.)



Don't let go of the charging handle when adjusting the hop up.

While pulling the charging handle, Gradually move the adjustment dial to wards the front to apply hop-up. (The best setting is when BB bullets fly horizontally.)

Turning excessively adversely affects the trajectory. So, stop turning the dial when bullets fly horizontally.

The hop up dial can only be turned a certain amount. Turning it too much will damage it.



CAUTION

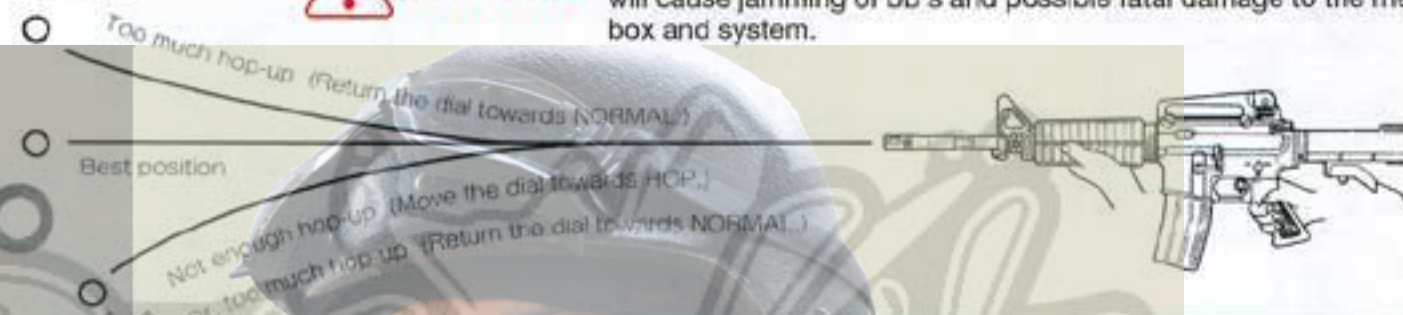
If the hop up is adjusted excessively, causing jamming of bb's, immediately stop, return dial to Normal, fire 2 or 3 shots and readjust.

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



CAUTION

Due to the precision tight barrel, use of dirty bb's, or those with burrs, will cause jamming of bb's and possible fatal damage to the mechanical box and system.



WARNING

Never fire the gun sideways, as the bb's will curve right or left, due to the hop up system.

(Strictly observe the following cautions.)

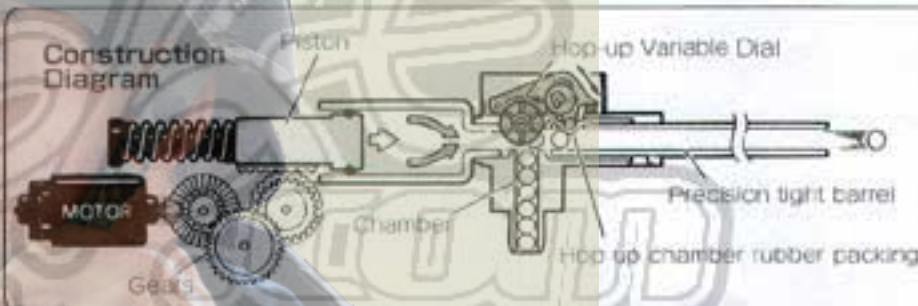
Turning the hop dial excessively causes clogging of bullets. Keep pulling the trigger with bullets being clogged damages the piston and gears.

If bullet clogging occurs, immediately stop firing the gun, return the hop dial to the Normal position and remove clogging bullets using the cleaning rod.

Make sure to return the hop dial to the Normal position when removing clogged bullets or cleaning. (Otherwise, the chamber packing is damaged.)

Never use used and dirty bullets. (Otherwise, the chamber becomes dirty, resulting in instable hopping.)

When about 10,000 rounds are fired, spray silicone oil to the chamber for 0.5 to 1 sec. The hopping up operation may be instable for 200 to 300 rounds after spraying the silicone oil, which is not a problem.)



9 Normal Disassembly for Overhaul(Take Down) and Maintenance Procedures

CAUTION After removing the magazine, Fire the rifle in semi-automatic 3 times to move the piston forward for easy disassembly.

1 The upper receiver can be removed.

Remove the receiver pin by screw driver and pull open the upper receiver by the carrying handle.

2 The barrel can be removed.

Stop here for barrel cleaning.



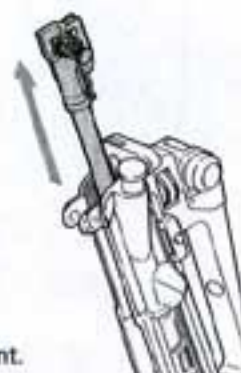
Make sure to remove the magazine.

CAUTION

The pin by the hand guard is the pivot point don't over pull.



Do not disassembly past this point.



Do not pull the charging handle or the dummy bolt while disassembled. Doing so will damage the gun.

Make sure no dirt gets into the MIL4AS mech box as the end is open.

CAUTION

Only attach or detach the upper receiver with the magazine removed. Otherwise, BB's remaining in the magazine may pop out into the receiver and cause malfunction.

After removing the magazine, fire the gun in semi-auto, once, to move piston forward for easy disassembly.

After firing the single shot, remove the battery for safety reasons.

Slowly attach or detach the barrel assembly and receiver. Attaching or detaching, rapidly or applying excessive force may cause malfunctions.

Begin the maintenance after returning the hop up dial to the NORMAL (HOP-OFF) position, same as with clearing jammed BB's.

Be careful during maintenance, because the inside chamber is a precision design and can be damaged easily. Use of a hard brush may damage the hop up chamber packing.

Make sure to insert the cleaning rod AFTER returning the hop up lever to the NORMAL position (HOP-OFF).

When BB's are clogged, immediately discontinue operation. Remove jammed BB's and restart operation. If operation is continued with jammed BB's, the mechanism may be damaged.

Since jammed BB's may pop out at a high rate of speed, always wear safety goggles and conform to safety rules.

CAUTION

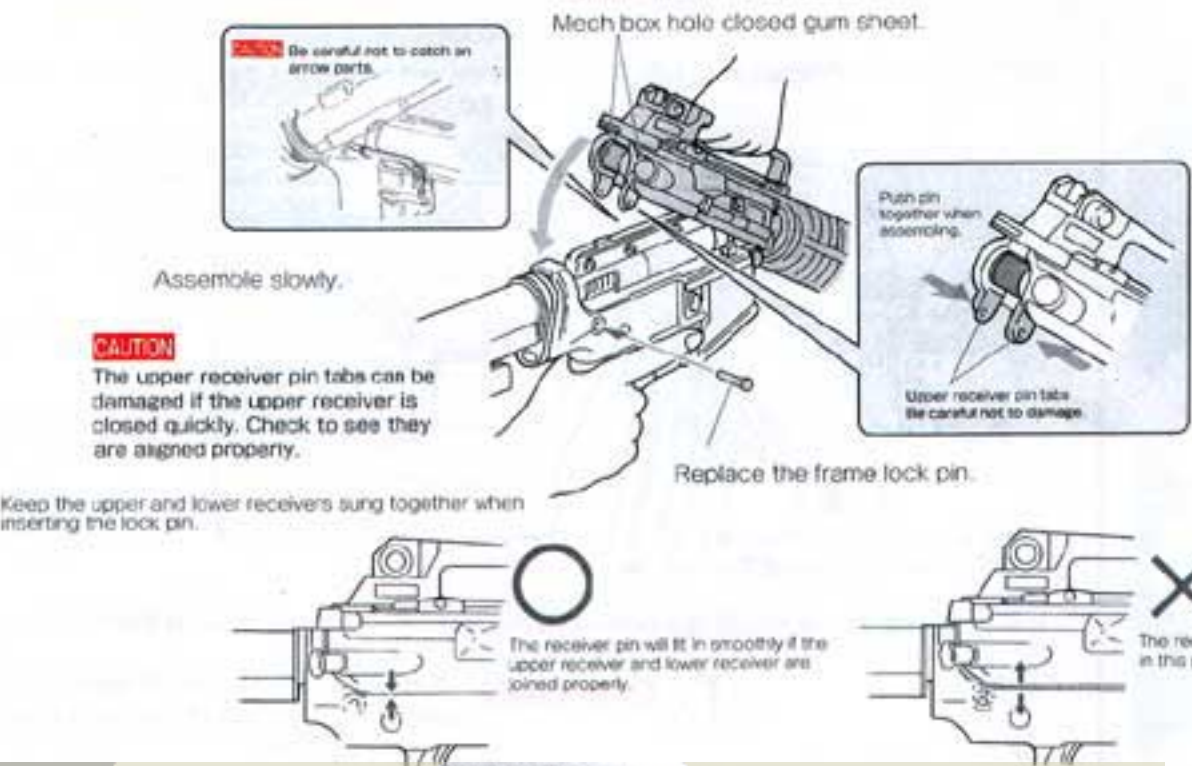
Take your electric BB rifle to an authorized service center for any major repair, or maintenance work.



Distributed by
Specialized Distribution
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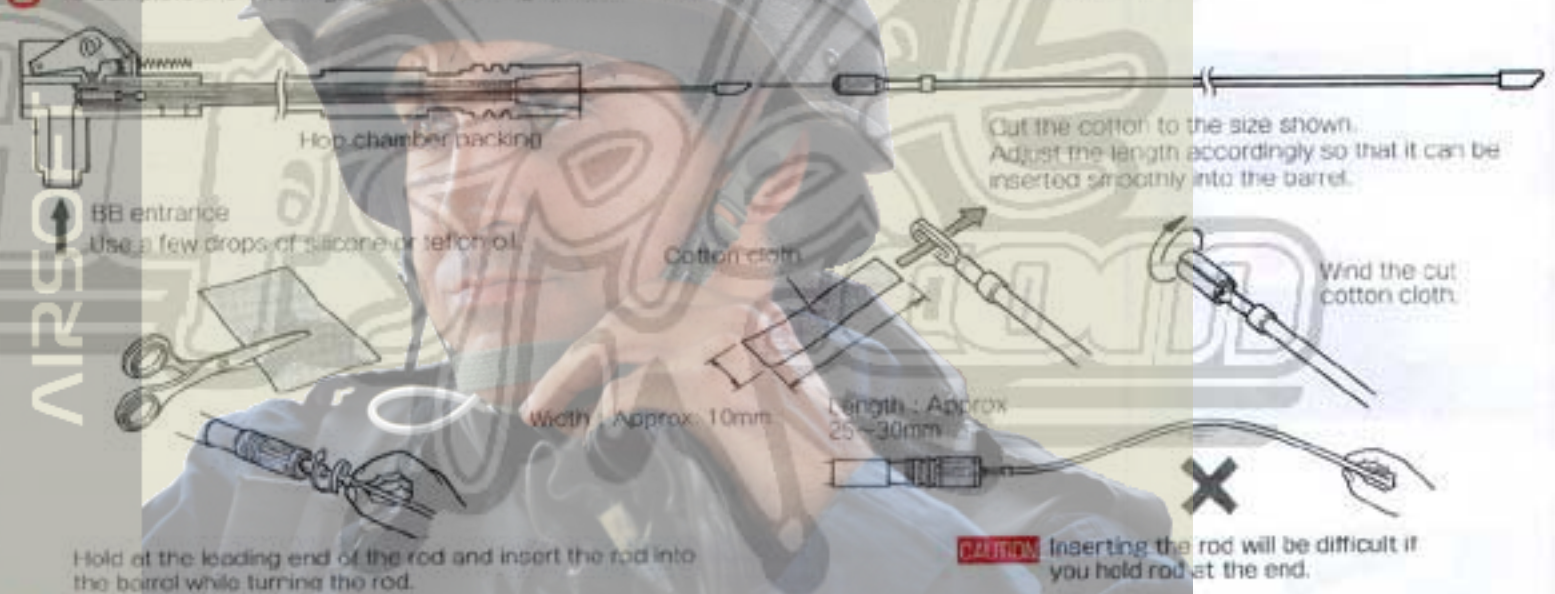
Assembly Assembly is the reverse order of disassembly. Putting silicone oil on the gumsheet will make assembly easier.

Assemble after confirming the barrel is in place within the upper receiver.



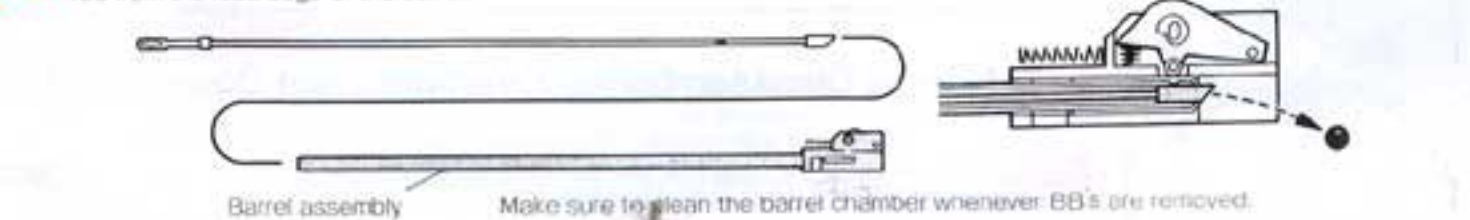
1. Maintenance When BB Speed Becomes Low

- Drop a few drops of silicone oil or Teflon oil from the BB entrance. Insert BB bullets into the magazine and fire BB equivalent to 1 or 2 magazines.
- To complete the cleaning, use the cleaning rod (with cotton) as shown below, to remove excess oil.



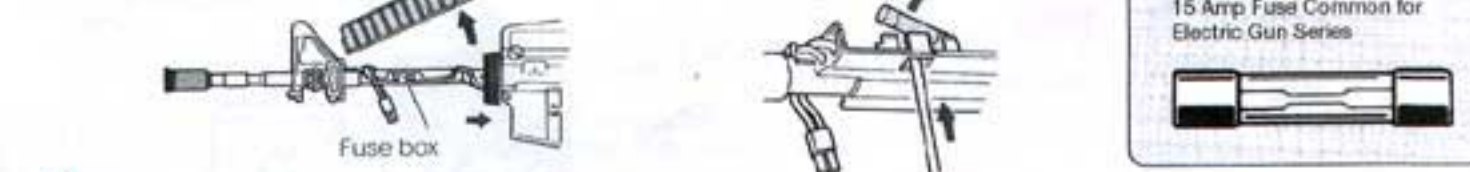
2. Removing Clogged BB's (Set the Safety button to ON and remove the magazine before hand)

- Remove the magazine and then the barrel assembly
- Return the hop up dial to the Normal position and insert the cleaning rod from the lead edge of the barrel.
- Be careful so that the angled part of the cleaning rod faces down, and remove clogged BB's.



3. Fuse Replacement Procedure

- The fuse box is accessible when the fore grip is removed.
- Remove the fuse by pushing from the reverse side of the hole, using the cleaning rod.



4. Fine Adjustment of Gear Engagement

- CAUTION Only when the motor noise becomes high after operations for a long period of time, conduct the fine adjustment as shown.
- Pull trigger while adjusting the set screw to the left or right. Stop tuning when the motor is turning smooth, without excessive gear grinding noise.

