

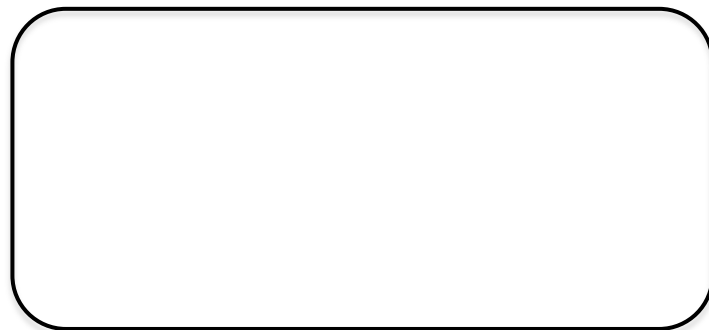
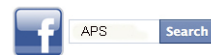


**APS LIMITED** – GUN SPECIALIST SINCE 1993

[WWW.APSRAM.COM](http://WWW.APSRAM.COM)

MANUFACTURER BY QIAN WEI PAINTBALL SUPPORT CO. LTD

MADE IN CHINA



Please contact your dealer or APS for overhaul maintenance and technical guidance



## HANDLING & INSTRUCTION MANUAL

For all GBox Model

X SERIES GBBR System



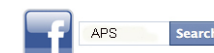
### WARNING

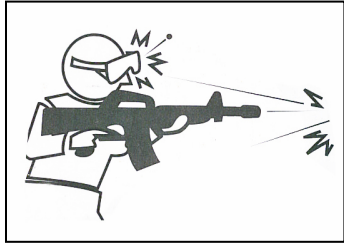
-This Airsoft gun is not intended for unsupervised use by any person under the age of 18 years. Always read the instructions carefully before operating.

-User should obey all laws regarding the usage and ownership of airsoft electric guns.

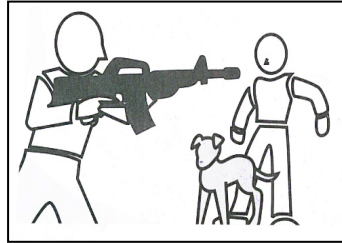
-Misuse or careless use may cause serious injury.

[www.apsram.com](http://www.apsram.com)

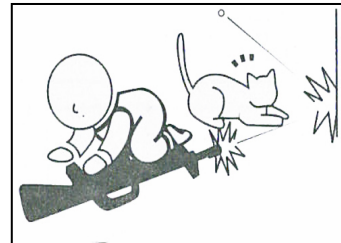




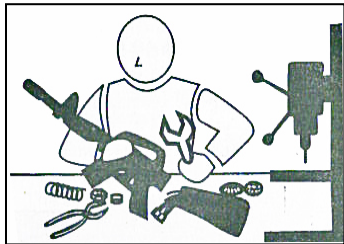
Always wear goggles or eye protective gear to protect your eyes when shooting



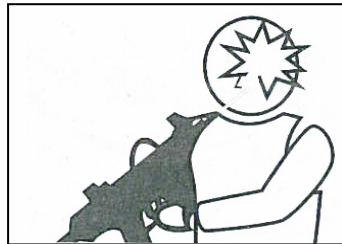
Never point the muzzle at people or animals



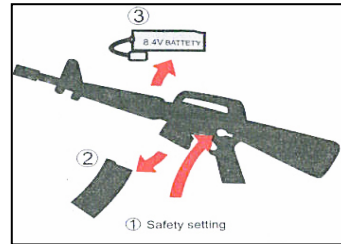
Always keep the airgun out of children reach



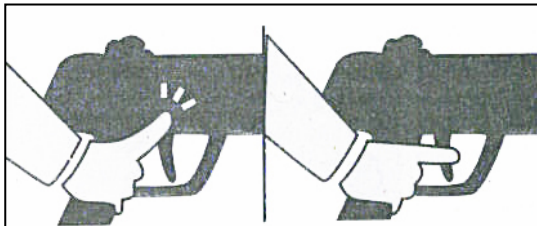
Disassembling or modifying the gun may affect the gun's performance and void manufacturer's warranty



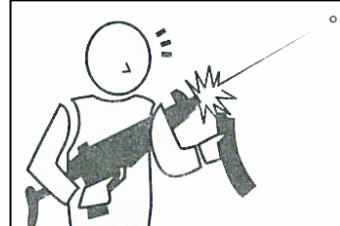
Don't look at the muzzle directly. It is extremely dangerous



Remove magazine and battery during storage. Set the fire selector to safe when unused



Never put your finger onto the trigger unless you are ready to fire



Be careful that BB bullets maybe fire out even if the magazine is removed.



This sport gun is developed for enjoying sport shooting only. As the Airsoft Gun has the potential risk of serious injury such as blindness and damage to the property, please read the Handling & Instruction manual before use.

- This Airsoft Gun is capable of shooting a 6mm diameter BB, Operate the Airsoft Gun with caution and pay attention to safety.
- During a game, always put your goggles or facemask on. Failure to wear eye protective gear in the worst case will cause blindness.
- Pay attention to and take care to not hit bystanders within the estimated dangerous firing zone.
- Never shoot any items that subject to breakage. (glass, lamp, car, gas bomb...etc)
- Never insert items other than an airsoft BB into the magazine or gun barrel.
- The gun must not be operated after drinking alcohol to avoid possible danger.
- Always store at place out of the reach of children
- Having a positive playing demeanor is essential.
- Select a safe place for operating the Airsoft Gun. Avoid places where people and cars pass across or third persons are around.
- Always put the gun in a case or bag when you are carrying it. Avoid giving rise to public panic.
- BB bullets maybe fire out even the magazine is removed. Direct the muzzle towards a safe area. Pull the trigger to confirm no bullets remain in the gun. Then attach the protective plug to the muzzle when unused.
- Remove the magazine and Co2 from the gun when unused.

Status	Cause	Action
No operation at all	Fire selector is set to Safe	Set the fires selector to Semi or Full Auto
	Co2 is not charged	Replace the Co2 Capsule
	Co2 is leaking from the mags	Replace the end cap (AC010)
Although the motor is running, but no BB fire out	Magazine is not full seated into the receiver	Re-Load the magazine into receiver. If still doesn't work, contact your service technician or ask us for assistance
	Bullets are clogged in Hop up system or barrel	Using the cleaning rod to remove clogged bullets
	Faulty Push Pin	Please contact your service technician or ask us for assistance
	Fire Selector is broken	
Full auto not functioning	Insufficient Co2 Gas	Replace the Co2 Capsule
	Fault bullets feed from magazine	Using the cleaning rod to remove clogged bullets
Semi auto not functioning	Deviation in Semi Auto and Full Auto	Fire 5-6 rounds in full auto then switch back to semi auto again
	Insufficient Co2 Gas	Replace the Co2 Capsule
	Fault bullets feed from magazine	Using the cleaning rod to remove clogged bullets
BB roll out from barrel	Hop up or barrel damaged	Please contact your service technician or ask us for assistance
	Faulty or poor quality of BB	Use higher quality BB
Shooting distance greatly reduced	Hop up or barrel damaged	Please contact your service technician or ask us for assistance
	Insufficient Co2 Gas	
	Faulty BB Bullets	

## 15 Rhino Sight (Optional)



Press down this button to flip up the

Flipped Front



Flipped Rear Sight



Press down this button to



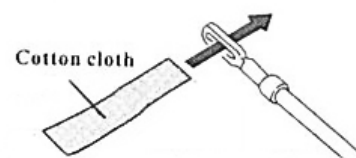
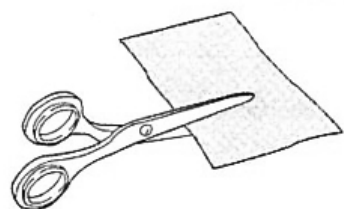
Turn this wheel for sight alignment



Two way rear sight (small hole for aiming long range and big hole for aiming close range)

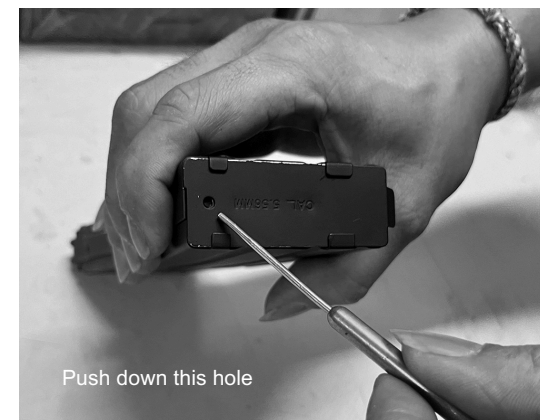
## 16 Maintenance (Removing Clogged Bullets & Barrel Cleaning)

1. Make sure to insert the cleaning rod AFTER returning the hop up lever to NORMAL position. (HOP OFF)
2. Insert the cleaning rod from the lead edge of the barrel
3. Be careful so that the angled part of the cleaning rod facing down and remove clogged bullets

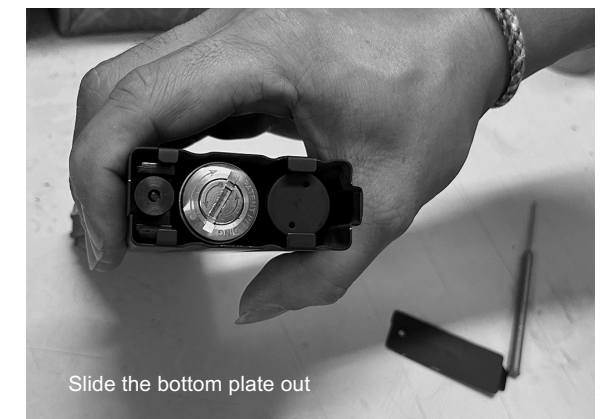


Maintenance is needed when bullet speed becomes slow. Wrap a cotton cloth on the rod. Hold the leading end of the rod and insert rod into the barrel while turning the rod to clean the barrel inside

## 2 Loading 12g Co2 Capsule



Push down this hole



Slide the bottom plate out

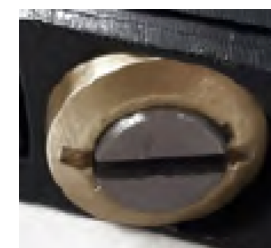


Unscrew the whole end cap by the use of skull key or (Flat Screw-Driver)



Insert 1 x 12g Disposal Co2 Canister into the magazine with the correct direction as shown above

## 3 Loading 12g Co2 Capsule (Continue)



Screw the whole end cap - clockwise. Make sure the whole end cap is tightened to avoid gas leakage



Turn the middle silver cap anti-clockwise as shown above to release the puncture of Co2 Canister (Essential)

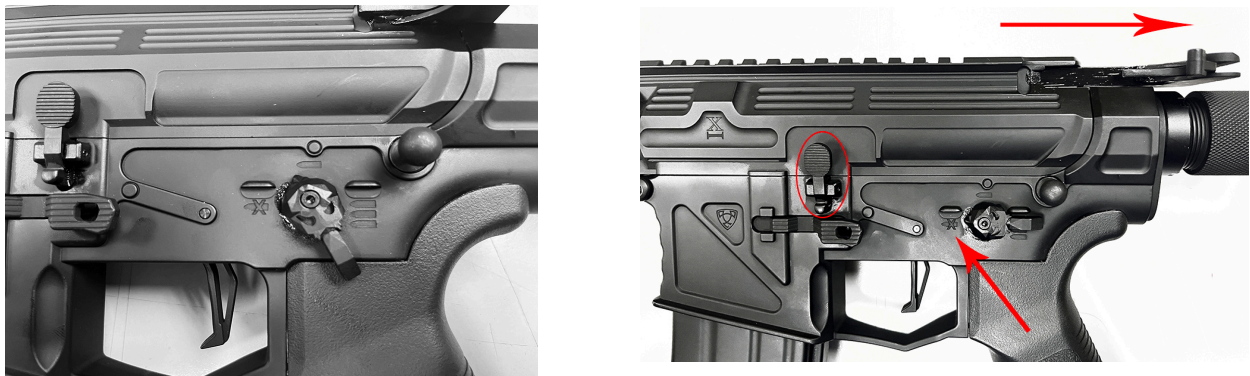


Slide the bottom plate back to the magazine upon finish loading of the Co2



4

Safe and Unload



Your rifle will not go into safe mode when it isn't cocked, or charged, to fire. By pulling back on the charging handle, you can cock the rifle. Once its cocked, you can switch to "Safe" mode

Press down the bolt release catch to make the bolt and charging handle go forward to its original position

5

Filling the magazine



1) Take out the magazine



2) Put the adapter that comes with the packaging onto the magazine lip

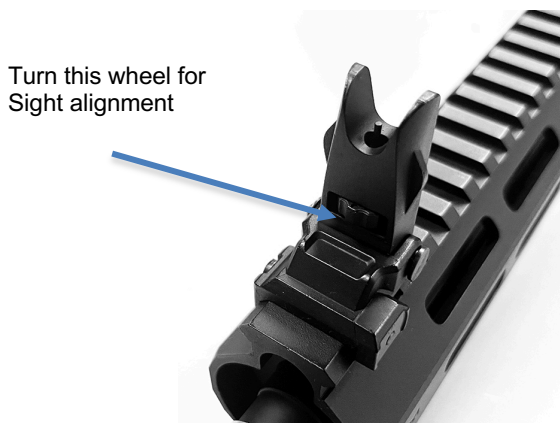


3) Load the BB from the top of the adapter with the use of speed loader



13

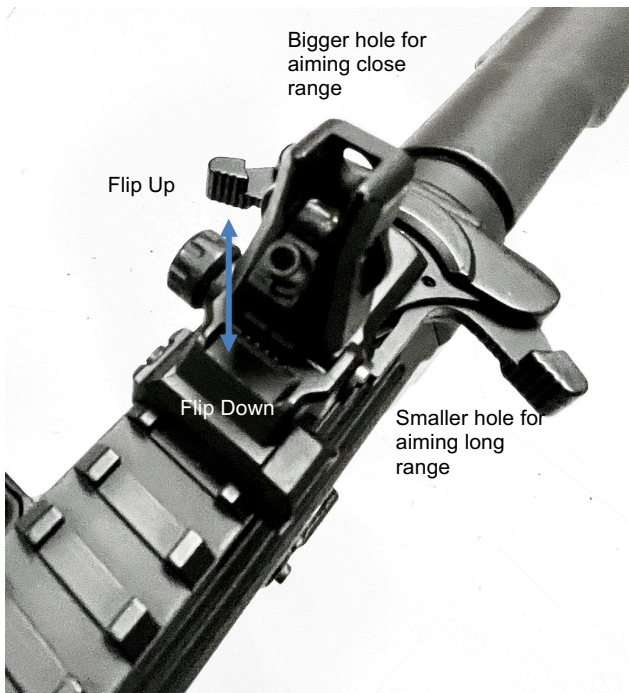
Flip Up Front and Rear Hawk Sight (Optional)



Turn this wheel for Sight alignment

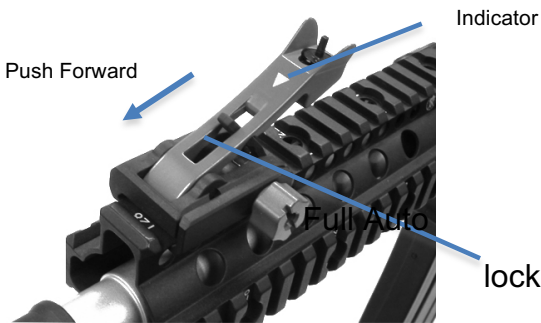


Two way rear sight (small hole for aiming long range and big hole for aiming close range)



14

Flip Up Dinosaurs Sight (Front) (Optional)



Push Forward

Indicator

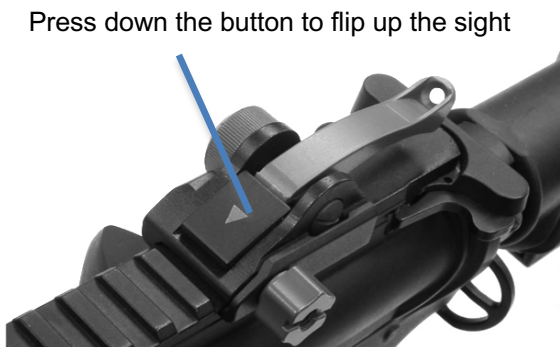
lock

Follow the indicator and push the lock forward to flip down the sight



Flipped Dinosaurs Front Sight

Flip Up Dinosaurs Sight (Rear)



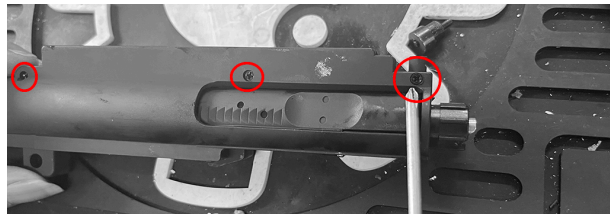
Press down the button to flip up the sight



Turn this wheel for sight alignment



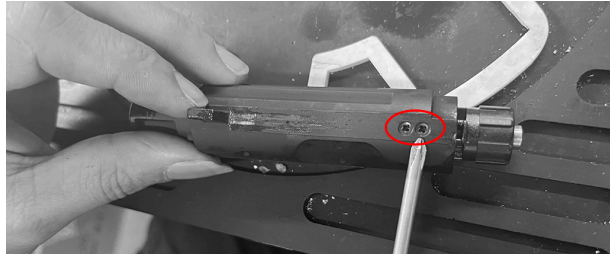
## 11 Replace the nozzle (For Repair purpose Only)



Unscrew all the 4 screws highlighted above



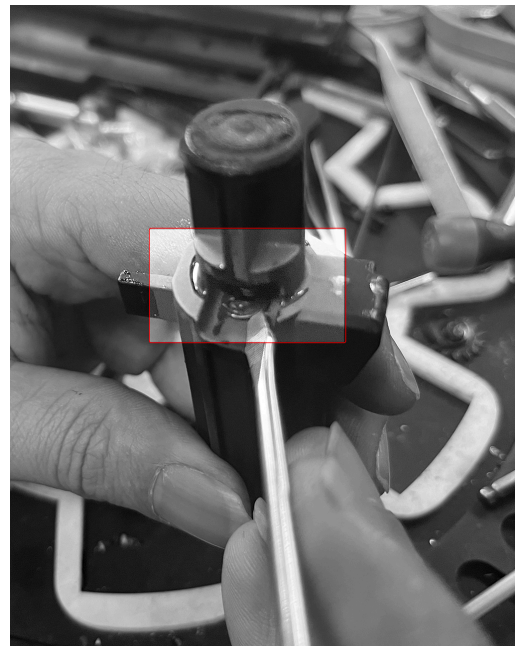
The Gas Bolt alone



Remove the 2 screws underneath of the bolt

In case of nozzle failure, you may need to replace the nozzle. Do not attempt to replace the nozzle by yourself if you are not familiar with GBB maintenance.

Please contact your service technician or ask us for assistance



Remove the C Clip inside

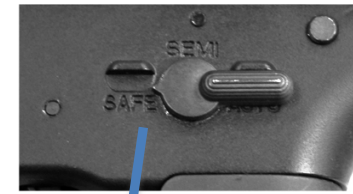
## 12 Replace the nozzle (Continue)



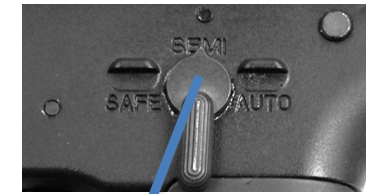
After the C Clip is removed, you should be able to take the nozzle out from the bolt

Reverse all the step for assembling

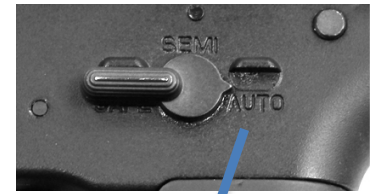
## 6 Firing Operation



Safe



Semi Auto



Full Auto

To Fire the pellet

- 1) Switch the selector switch to Semi or Full Auto
- 2) Pull the trigger



### Caution

- Confirm your firing area is safe before firing.
- There are possibilities that no BB comes out after pulling the trigger. This may happen when new magazine is inserted. Switch to Full Auto and fire 5 – 10 shots will solve this problem.
- Charge the battery if the firing cycle become slow.
- Give the Airsoft Gun a rest of 5 – 10 minutes after firing 220 rounds in order to ensure long service lives of the motor and battery.
- If bullets are clogged, stop firing and remove the clogged bullets immediately.
- Service the Airsoft Gun with silicon oil as daily maintenance.
- Hop up may be unstable for first 200-300 rounds after silicon oil is used, this is normal operation of the gun.

## 7 Basic Layout Structure



- Upper Receiver
- GBox Bolt Assemble
- Lower Receiver

## 8

## Hop Up Adjustment (Suitable for GBox Guns)

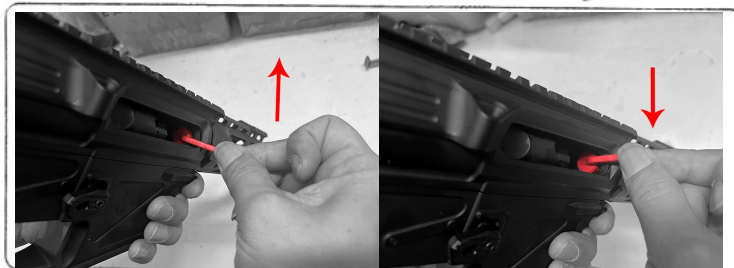
X Too Much Hop Up (Return lever towards NORMAL)

✓ Best Position

X Not Enough Hop Up  
(Move lever towards HOP)

## Variable Hop Up System

By producing backspin on the BB bullets, this system allows BB to fly straighter and longer



## Variable Hop Up System

Adjust the hop up by using the hop tool provided in the packaging. Place the tool inside the ejection port perfectly before adjusting.



Pull the charging handle backward, lock the bolt plate up with pressing down the bolt lock catch on the other side

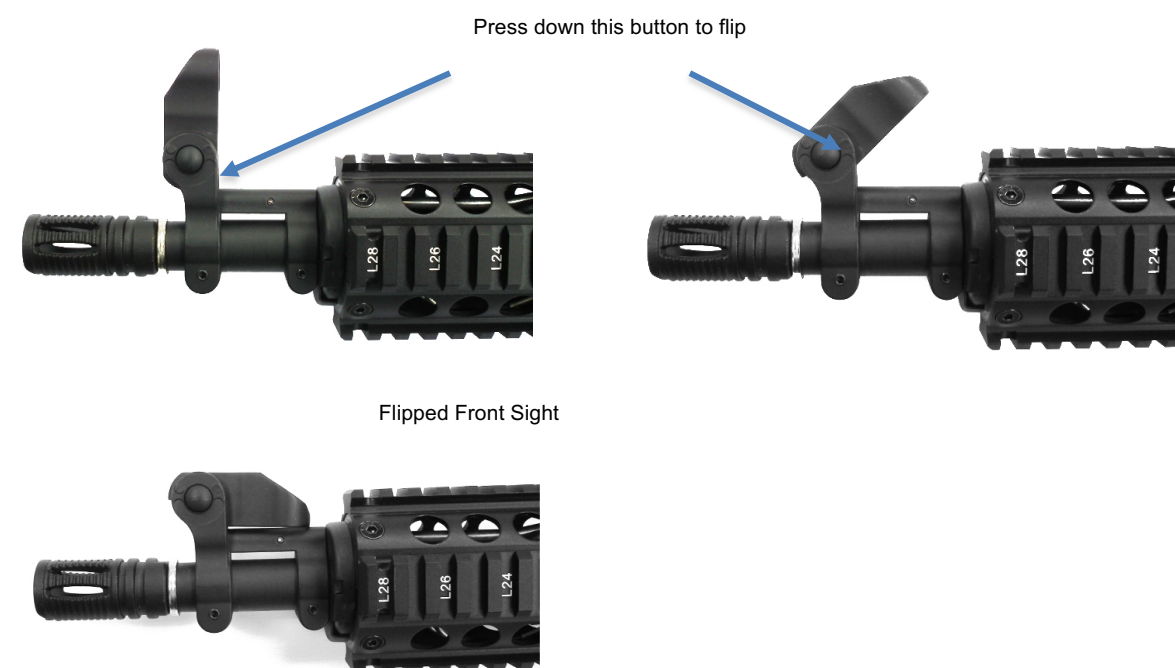


## Caution

- The best position is where the bullets fly horizontally and the longest flying distance is obtained.
- Turning excessively adversely affects the trajectory. Therefore stop turning the dial when bullets fly horizontally.
- Moving the lever too much towards HOP will cause bullets to clog. Firing the gun with clogged bullets will damage the nozzle.
- If the hop up is adjusted excessively and causing clogging of bullets, stop operating the gun immediately. Return the lever to NORMAL and remove the clogged bullet.
- APS Ltd will not be held responsible for any damages or accidents causing by wrongful operation, disassembly and modification of the Airsoft Gun.

## 9

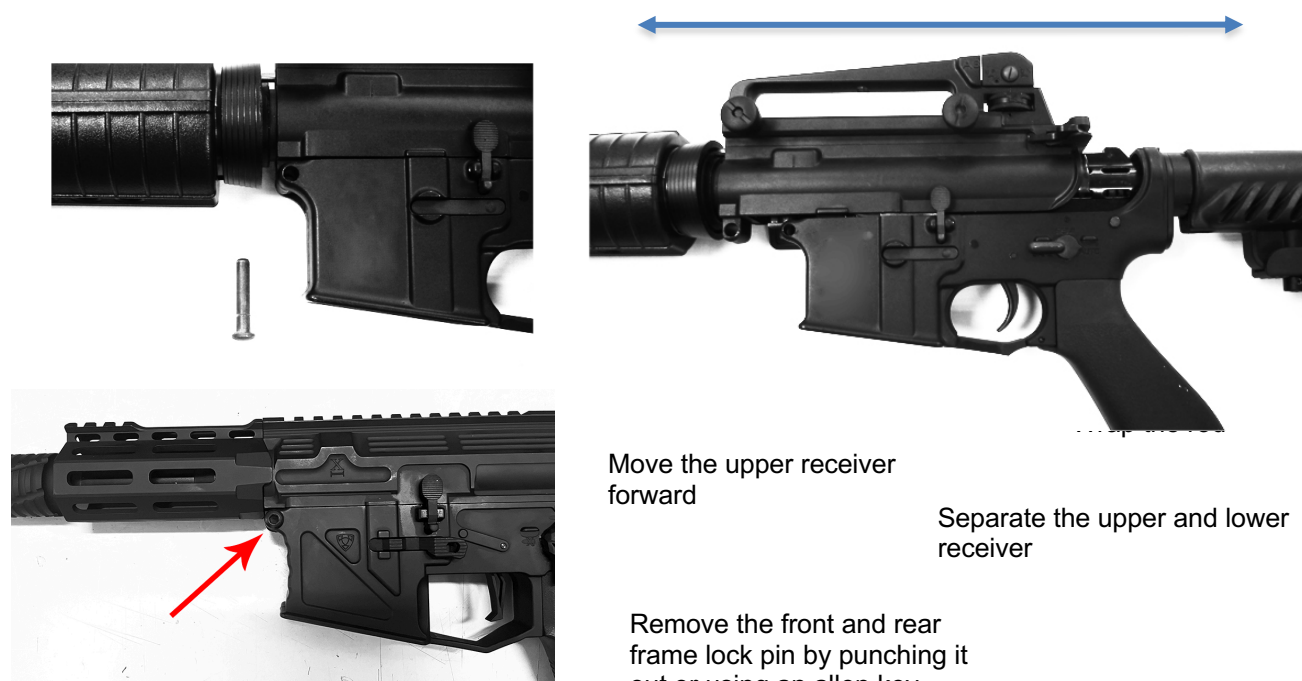
## Flip Up Sight (Front) (Optional)



Flipped Front Sight

## 10

## Disassembling the gun



Move the upper receiver forward

Separate the upper and lower receiver

Remove the front and rear frame lock pin by punching it out or using an allen key