



APS
CONCEPTION

APS LIMITED - gun specialist since 1993

www.apsram.com

Manufacturer by Qian Wei Paintball Support Co. Ltd

Made in China



UNIVERSO AIRSOFT



APS
CONCEPTION

HANDLING & INSTRUCTION MANUAL

For APM Series

Air Cocking Spring Action Model

UNIVERSO AIRSOFT



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



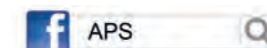
- This Airsoft gun is not intended for unsupervised use by any person under the age of 18 years. Always read the instructions carefully before operating.

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

-Misuse or careless use may cause serious injury.

-Facial Projection is required.

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Warning (Restricted to user age of 18 years)



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



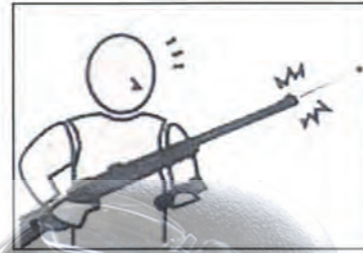
Never point the muzzle at people or animals



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



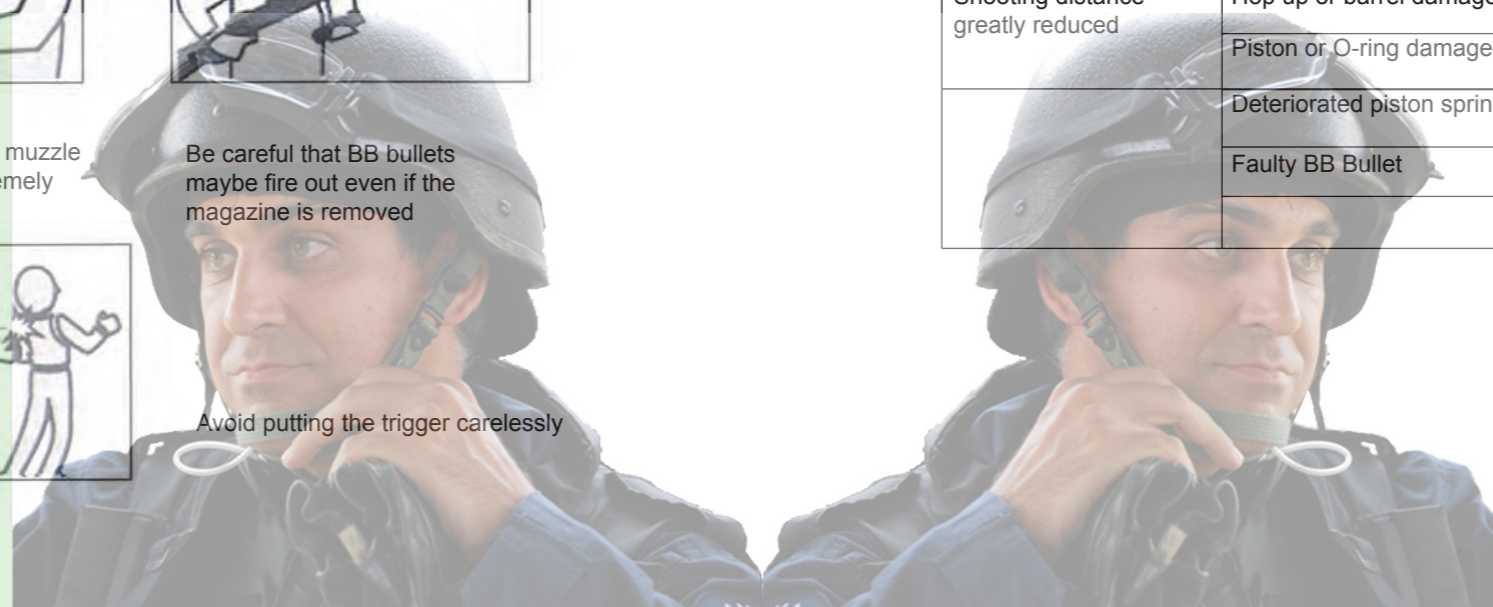
Don't look at the muzzle directly. It's extremely dangerous



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



Avoid putting the trigger carelessly



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)
- 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 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 from the gun when unused.

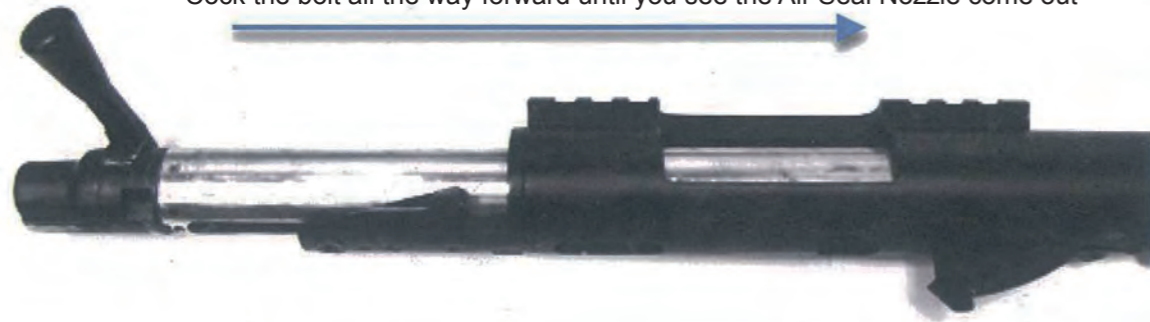
Troubleshooting Guide

Status	Cause	Action
No operation at all	Fire selector is set to Safe	Set the fires selector to Fire
Severe flying up	Too much Hop up set	Adjust the Hop Up to make balance between shooting distance and accuracy
Severe falling down	Too less Hop Up set	
No response after Hop up is set	Worn out of Hop Up Rubber or the rubber is greased	Replace the Hop up rubber
Hop Up abnormal	Hop up parts worn out	Replace the Hop up parts
BB Clogging	Poor quality BB or Too Dirty of the inner barrel	Use High quality BB and clean the barrel
	Hop up is too tight	Adjust the Hop up
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
	Piston or O-ring damaged	
	Deteriorated piston spring	
	Faulty BB Bullet	

UNIVERSO SILENT AIRSOFT

4) Remove the Ramp

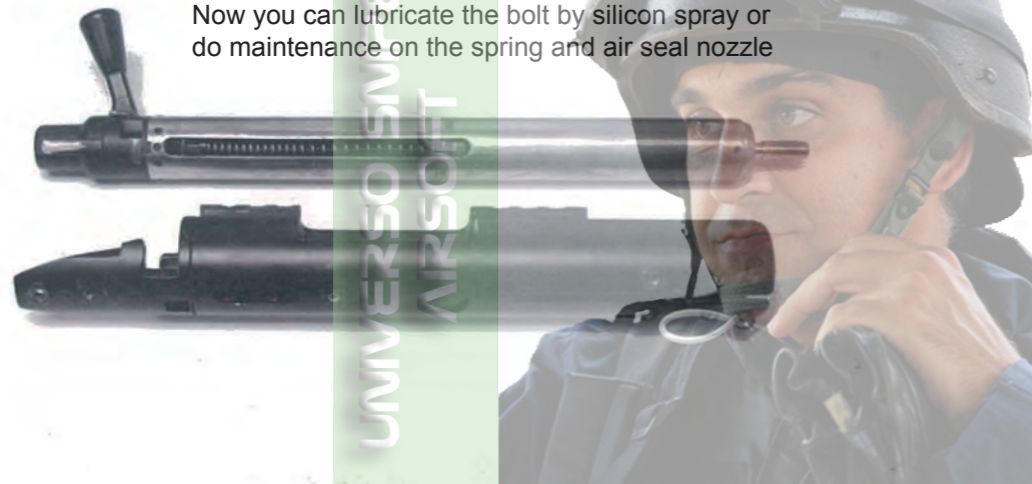
Cock the bolt all the way forward until you see the Air Seal Nozzle come out



Remove the ramp by taken out the "C" buckle



Now you can lubricate the bolt by silicon spray or do maintenance on the spring and air seal nozzle



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Install / Remove the butt stock



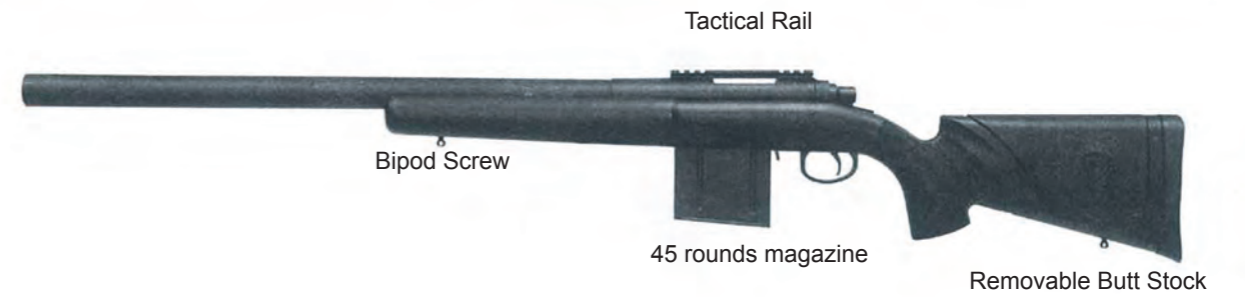
you can adjust the height of the creek position by pressing down the APS conception button

Normal Position

3 height level adjustable to best fit your creek

2

Basic Layout Structure



3

Install / Remove the butt stock



Release button

UNIVERSO GAMER AIRSOFT

Insert or pull out the butt stock by holding down the release button



Storage of this gun is easy and convenience

4

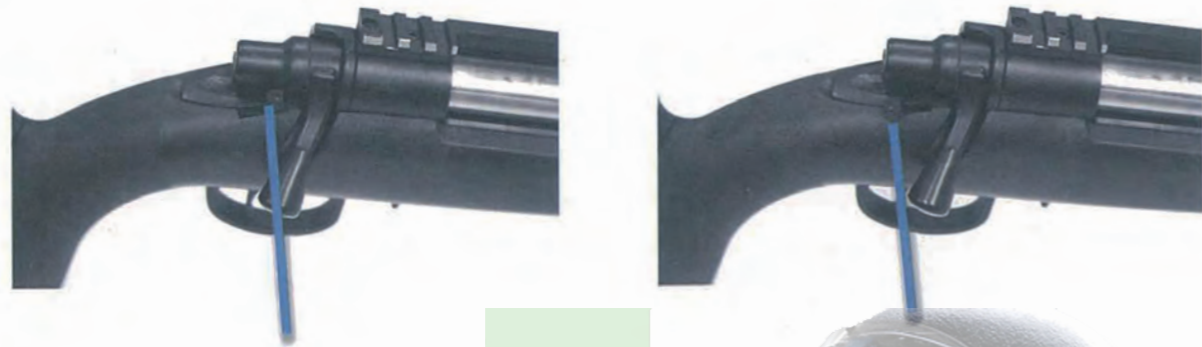
Save Device

Never operate the safety lever while pulling the trigger

Hardly pull the trigger with the selector being set to "SAFE" may damage the gun

Always set the safety lever to "SAFE" unless you are ready to fire

When you are not firing the gun or during storage, always set the selector to "SAFE" position



Selector on "FIRE" Position

Selector on "SAFE" Position ~
Unable to pull the trigger

5

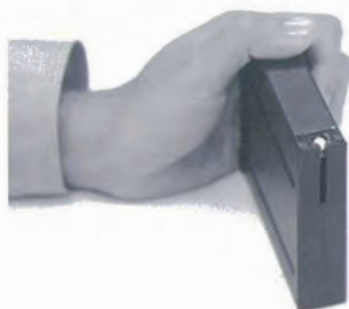
Filling the Magazine



Magazine release button



Press the magazine release button to remove the magazine



Hold the magazine horizontally and insert the BB one by one. You can insert up to 45 rounds BB

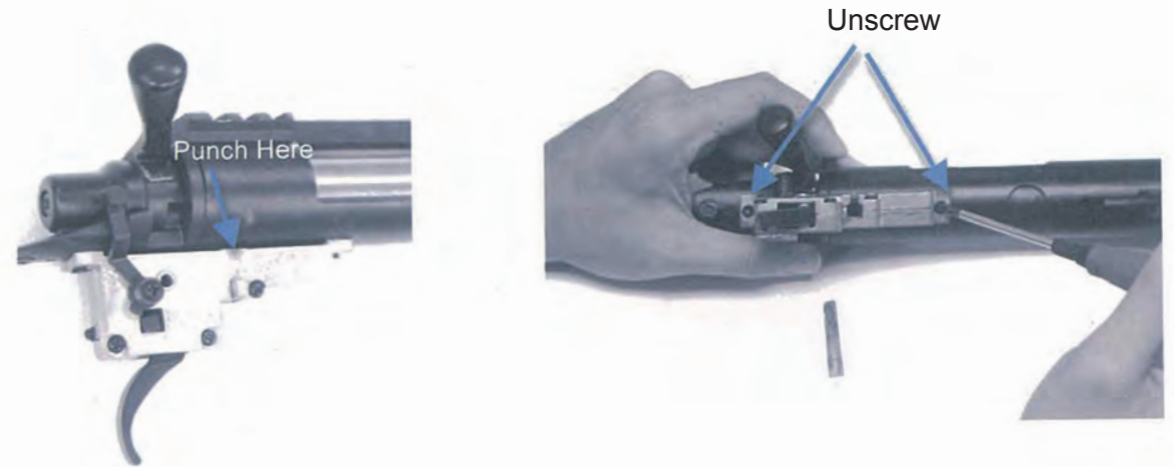


You may use a speed loader (Optional)

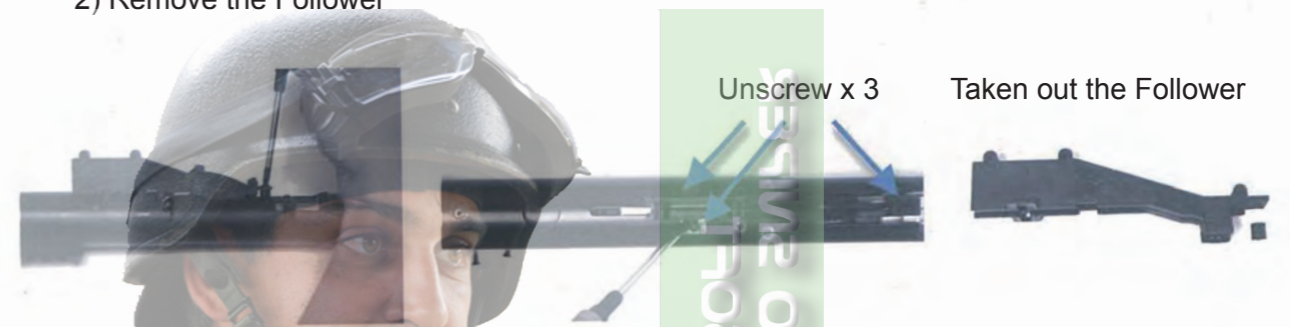
11

Maintenance of Bolt Core Unit

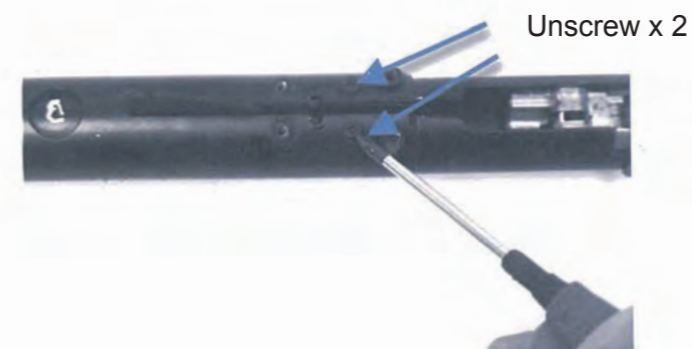
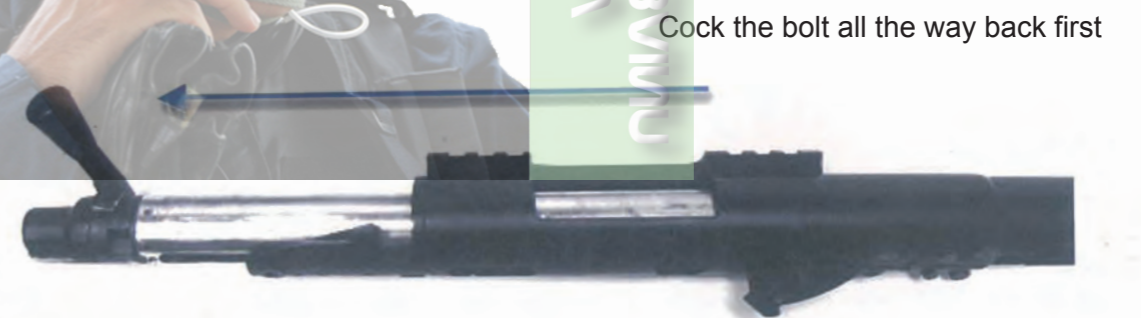
1) Remove the Trigger Unit



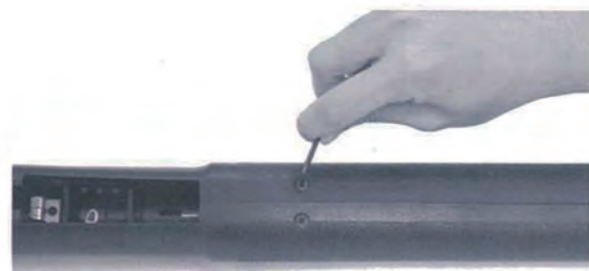
2) Remove the Follower



3) Remove the outer barrel



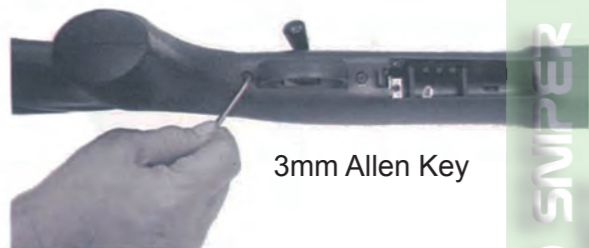
Unscrew the following parts to take out the trigger components



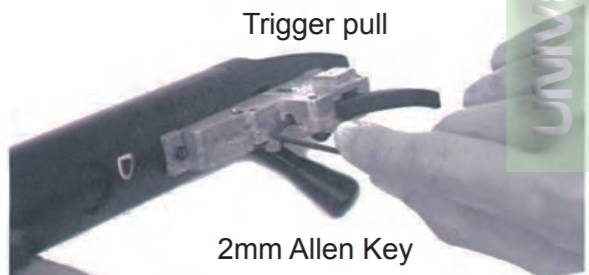
3mm Allen Key



3mm Allen Key



3mm Allen Key



Trigger pull

2mm Allen Key



Stroke

Adjustment of Trigger Pull

Adjust the trigger pull by turning the screw using a 2mm Allen Key.

Turn clockwise to soften the trigger pull or anti-clockwise to harden the trigger pull

Trigger pull is adjustable

Excess turning of the screw may result in the screw come off or damaged

Adjustment of Stroke

Adjust the stroke by turning the screw using a 2mm Allen key.

Turning clockwise to decrease the stroke or anti-clockwise to increase the stroke

Stroke can be adjusted

Excess turning of the screw may result in the screw come off or damaged



Insert the filled the magazine into the housing slantingly

Push the magazine upward and make sure it is secured

The gun will not fire if the bolt handle is not put down completely



To Fire the pellet

- 1) Lift up the bolt handle and pull the bolt until you hear "clicks"
- 2) Push the bolt all the way forward and lift down the bolt handle completely, otherwise you cannot pull the trigger
- 3) Pull the trigger



- Confirm your firing area is safe before firing.
- There are possibilities that no BB comes out after pulling the trigger. This may happen when magazine is not inserted properly.
- 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.

Hop Up Adjustment

By producing a back spin on the BB bullets, this system allows straighter and longer shooting distance



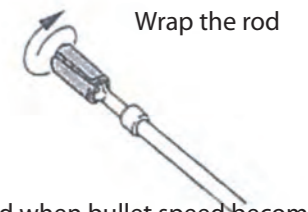
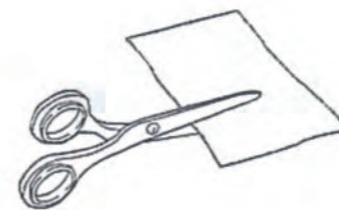
- The best position is where the bullets fly horizontally and the longest flying distance is obtained
- Moving the lever too much towards HOP will cause bullets to clog. Firing the gun with clogged bullets will damage the piston
- If the hop up is adjusted excessively and causing clogging of bullets,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

Zeroing - In

- Before adjusting your hop up and sight, make sure your surrounding area is safe and clear. Put the gun on something which can help steady the gun
- Filled the magazine and inserted to the gun
- Lift up the bolt handle and pull unit it clicks
- Push the bolt all the way forward and lift down the bolt handle completely, otherwise you cannot pull the trigger
- Aim at the target center
- Pull the Trigger and fire
- Check the target after shooting. Confirm the firing line to the target is horizontal and straight. See the mark on the target and check how close to the center. Adjust the hop up and if necessary



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