



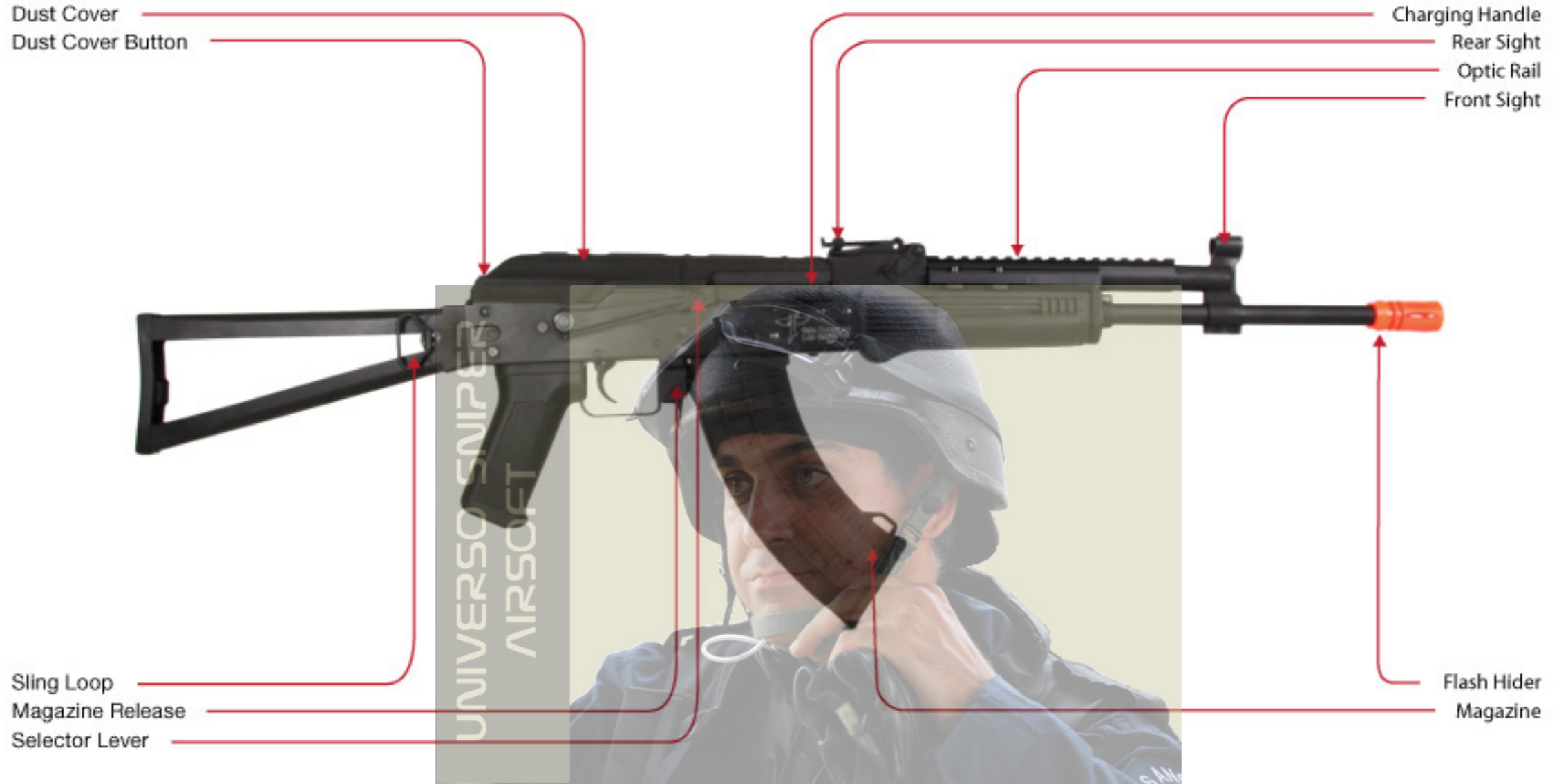
# AK100

UNIVERSO SNIPER  
AIRSOFT

## Instruction Manual

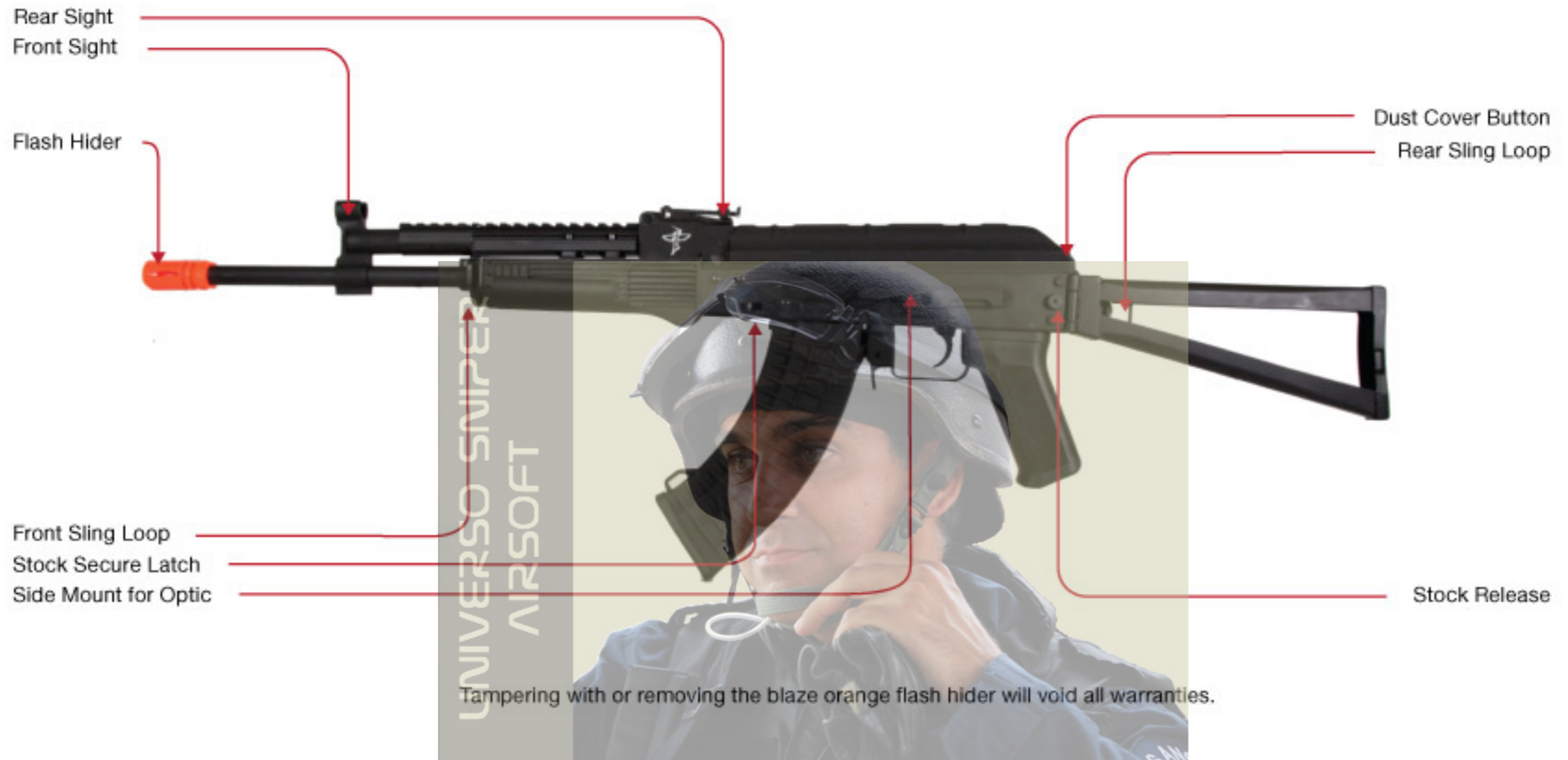
BEFORE USING THIS PRODUCT, CAREFULLY READ THROUGH MANUAL AND RETAIN IT FOR FUTURE REFERENCE. ECHO1USA AUTOMATIC ELECTRIC GUNS ARE INTENDED FOR AGES 18 AND ABOVE. THIS PRODUCT MAY CAUSE SERIOUS INJURY IS MISUSED. FULL FACE PROTECTION IS REQUIRED.

# Parts of the Gun

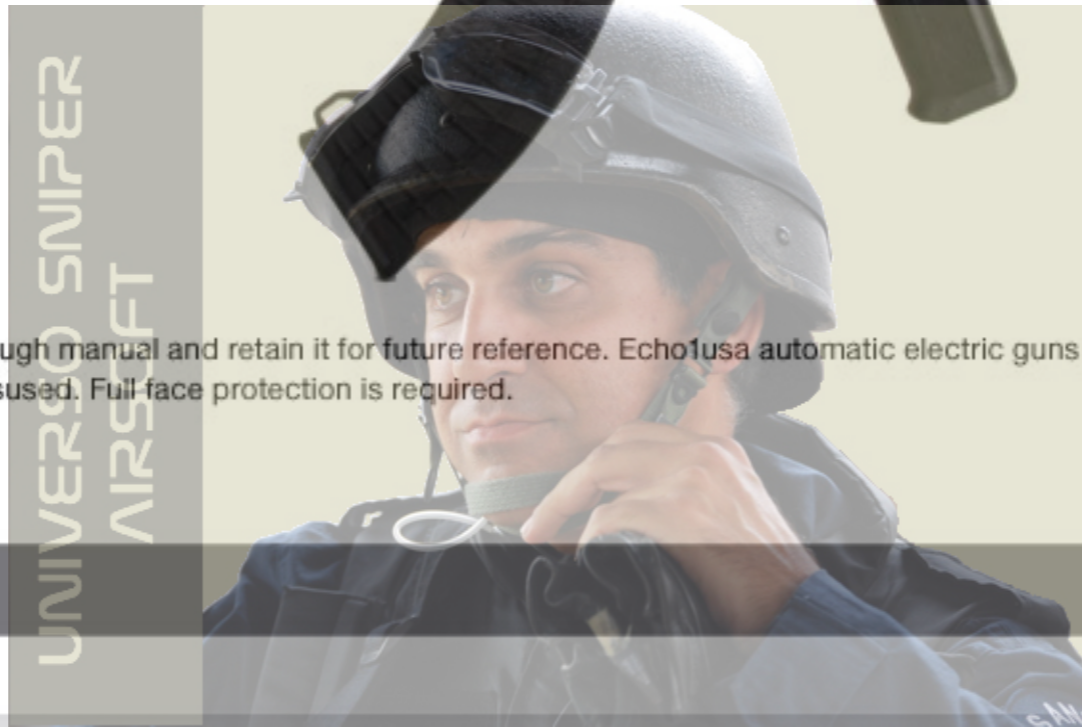


Tampering with or removing the blaze orange flash hider will void all warranties.

# Parts of the Gun



# Rifle Dynamics 700



Before using this product, carefully read through manual and retain it for future reference. Echo1usa automatic electric guns are intended for ages 18 and above. This product may cause serious injury if misused. Full face protection is required.

## Specifications

Weight	6.5 lbs
Barrel Length	455 mm
Overall Length	36/27in
Barrel Caliber	6.06 mm
Ammo Capacity	550 rounds
BB Size	6 mm
Feet Per Second	380-390 fps
Battery Type	8.4v Stick

# Fire Selection

# How to use the Magazine



SAFE:  
Trigger is secure and cannot fire



AUTO:  
Gun will fire automatically while trigger is pulled



SEMI:  
With one trigger pull one BB is fired

## Operational Tips:

If the trigger is stuck or jammed in SEMI mode, please select AUTO and fire several times to reset the cut off lever. Low battery power can cause this jam.

The Fire Selectors will move with ease. Forcing the Fire Selectors may cause damage.

Avoid getting dirt and debris into the magazine, this can cause it to malfunction. Only use Echo1USA BBs into your Echo1USA Airsoft Rifle. The use of .12g or 'low grade' BBs will damage your Airsoft Rifle and VOID the warranty.

1. Press the magazine release to remove the magazine from the gun.

Mag Catch  
BB Stop Lever  
BB Exit  
Top Hatch  
BB Entrance



2. Open the Top Hatch and load BBs. About 600 BBs can be loaded. Do not force the BBs into the magazine

3. Close the Top Hatch.

4. Hold the Mag with the BB Top Hatch facing up and turn the Mag Wheel. You will see a BB move to the BB Exit and stop. Once a BB has reached the BB Exit continue to turn the Mag Wheel for approximately 15 more turns.

## Operation Tips:

Use caution when mag seems empty.

There are about 30 BBs left in the loading tube even after mag is out of BBs.

Turn the Mag Wheel 7-10 times for every 30-50 BBs fired.

Turning the Mag Wheel may cause damage.

For storage pull back on the BB Stop Lever to release the remaining BBs and ensure proper operation for next use.

If the mag is not feeding correctly please apply silicone oil to the Mag Wheel and into the BB Entrance to lubricate the moving parts.

# Battery Charging

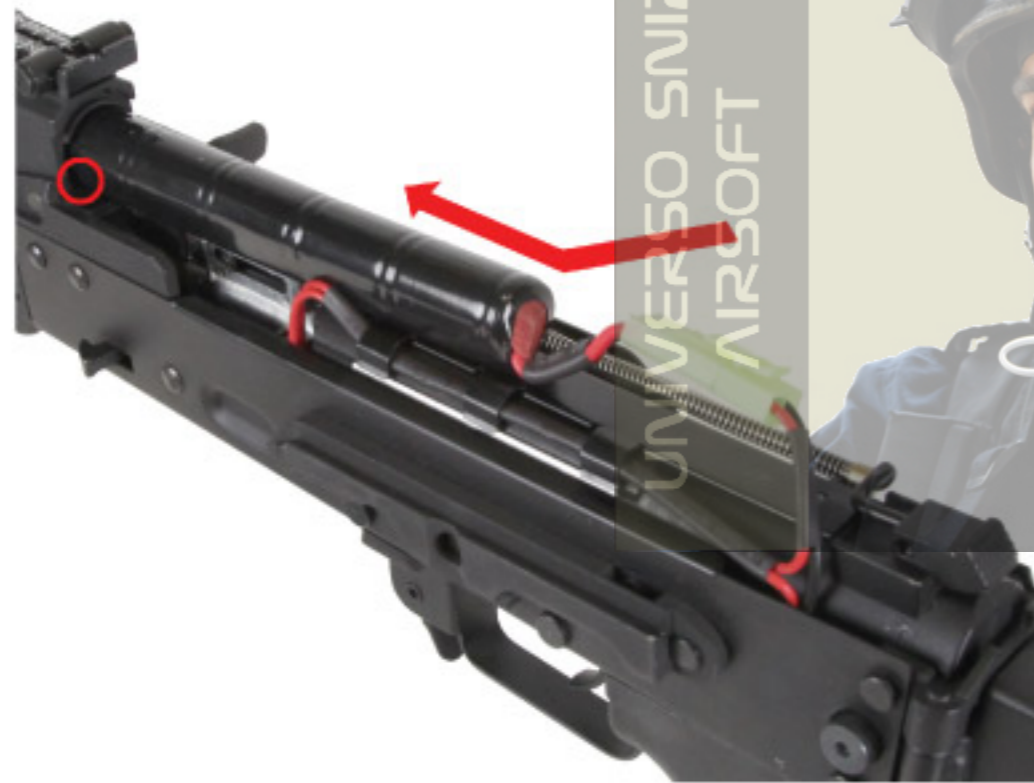
Charge the battery for 3 hours for the first time. When charging, have the battery away from ALL COMBUSTIBLE MATERIALS and on a cool, hard surface. If battery becomes HOT, remove from charger and let it COOL before use. When cycle rate becomes slow, STOP shooting and remove the magazine. Shoot 2 times in SEMI to clear the gun, remove the battery and recharge.

Basic Charge Time:

Battery: 1100 mAh / Charger: 250mAh = Estimated Charge Time: 5 Hours

# Battery Installation

Step 1: Press the dust Cover Button in to remove the dust cover.



Step 2: Insert the 8.4v stick battery into the top of the body. The battery has a wire on one side acting as a spine. To easily insert the battery, keep the spine facing the bottom left side of the gun.

Tip: Make sure the battery is able to move back and forth and not jammed into the gun.

# Stock Adjustment

Step 1: Press the Stock Release Button and hold. Fold the stock towards the body of the gun. Release the button and the stock is secure.



Step 2: Press the Stock Release Button and pull the stock away from the body of the gun to extend the stock, release the button to lock the stock in place.

CAUTION: If you force the stock to open or close without pressing the release button, you will damage the locking parts. Our limited warranty does not cover abuse.

# Hop Up Unit Adjustment

The Hop Up Unit adds a back spin to the BB to allow a longer flight path. Before use, please do so in a safe location and make sure nobody is behind the target. When using different weight BBs, you will have to make adjustments. When not in use, please turn the Hop Up Unit off.

Step 1: To access the Hop Up Unit pull back the Charging Handle.



Step 2: To add more hop, you will slide the bar back. To turn off the hop up unit or to lessen, you will slide it forward.

# Hop Up Unit Cleaning

How to clean the inner barrel:

Turn Hop Up Unit OFF - Disconnect Battery - Remove Magazine



Cut the cloth or paper towel in the size as shown above. Fold the material to fit through the loop. Adjust the length of the material to smoothly enter the barrel, otherwise too much material will get jammed in the inner barrel and can cause the hop up bucking to move out of place.

1. Spray silicone oil into the hop up chamber from the waggwell for 1 sec. and fire 10-15 BBs to oil inner barrel and hop up parts.
2. Fire 2 shots with magazine removed to clear gun of BBs and disconnect battery.
3. With a twisting motion, gently push the cloth and rod down the barrel. Repeat 2-3 times until clean.

NOTE:

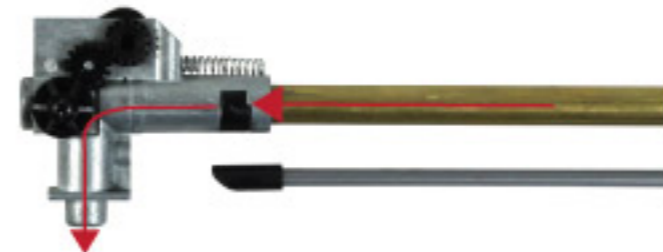
You can apply silicone oil directly to the cloth as well.

If there is too much oil in barrel the BB trajectory will be unstable

Only use Echo1USA BBs into your Echo1USA Airsoft Rifle. The use of .12g or 'low grade' BBs will damage your Airsoft Rifle and VOID the warranty.

How to unjam the gun:

Turn Hop Up Unit OFF - Disconnect Battery - Remove Magazine



1. Use the Angled end of the cleaning rod to push the BB backwards and out through the Hop Up Unit.
2. Make sure to have the angled end facing down and silicone oil will help loosen the BB.

NOTE:

If you continue to fire the gun with a jam you will cause more damage.