

DYNAMIC TACTICAL

M4 SERIES USER MANUAL

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THE DYNAMIC TACTICAL

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DYNAMIC TACTICAL



READ THIS BEFORE OPERATING YOUR AIRSOFT GUN

WARNING : USERS RESTRICTED TO 18 YEARS OF AGE OR OLDER.

AIRSOFT GUNS CAN BE VERY DANGEROUS IF NOT HANDLED WITH RESPECT. BOTH THE USER AND ANYONE ELSE IN THE SURROUNDING AREA MUST ALWAYS WEAR EYE PROTECTION WHEN OPERATING ANY AIRSOFT GUN. WHILE THIS IS NOT A REAL FIREARM, PAY ATTENTION TO THE LIVES AROUND YOU.

ANY WARRANTY ISSUES SHOULD FIRST BE ADDRESSED TO THE RETAILER FROM WHICH YOU PURCHASED THE PRODUCT.

IT IS THE RESPONSIBILITY OF YOU, THE CUSTOMER, TO COMPLY WITH ALL APPLICABLE LAWS AND REGULATIONS REGARDING AIRSOFT GUNS. PLEASE REFER TO YOUR LOCAL REGULATORY FIELD OFFICE WITH ANY QUESTIONS YOU MAY HAVE BEFORE USING AN AIRSOFT GUN.

ENJOY, AND THANK YOU FOR SUPPORTING DYNAMIC TACTICAL ARMORY.

BE SAFE.

FOUR GUN SAFETY RULES

1. *TREAT ALL AIRSOFT GUNS AS IF THEY ARE LOADED AND KNOW THE CONDITION OF YOUR GUN.*
2. *NEVER POINT YOUR AIRSOFT GUN AT ANYTHING YOU DO NOT WISH TO SHOOT AT.*
3. *KEEP YOUR FINGER STRAIGHT, OFF THE TRIGGER AND YOUR SAFETY ON UNTIL YOU ARE READY TO FIRE.*
4. *BE AWARE OF YOUR TARGET'S FOREGROUND AND BACKGROUND.*

*REMEMBER : THESE AIRSOFT GUNS LOOK VERY **REAL**. NEITHER THE PUBLIC NOR LAW ENFORCEMENT CAN ALWAYS TELL IT IS AN AIRSOFT GUN.*

DYNAMIC TACTICAL

COMPANY PROFILE

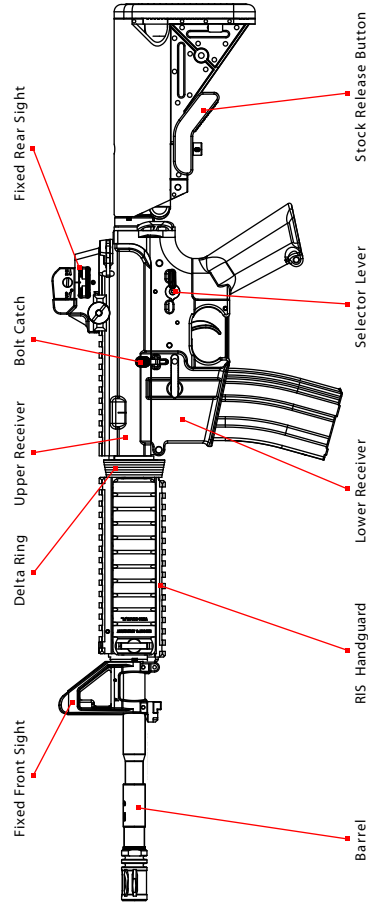
DYNAMIC TACTICAL (also known as *DYTAC*) is a Hong Kong based Airsoft company dedicated to producing high quality replica Airsoft guns. Designed by hardcore airsofters for fellow airsofters, *DYTAC* Airsoft Guns are hard-use products that strive for a balance between performance and aesthetic quality.

PRODUCT PROFILE

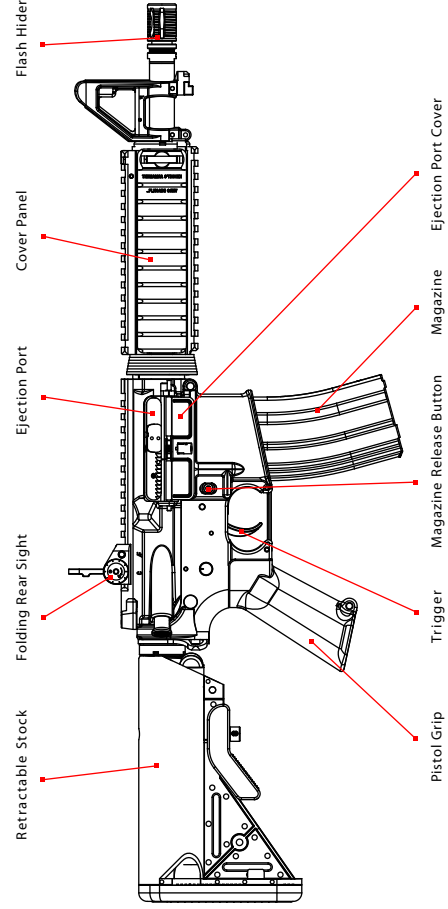
The M16/M4 rifle system is the most popular and commonly deployed rifle platform presently used by western forces. The Airsoft Electric Gun you have is a model variation based off the M4 system.

COMPONENT NAME

■ *Left Side*



■ *Right Side*

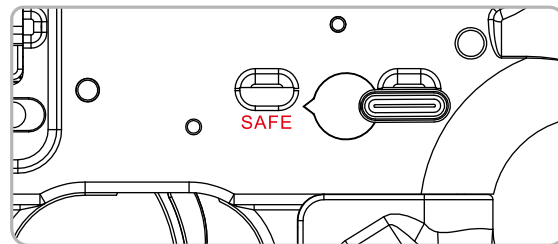


SELECTOR LEVER AND SAFETY

SAFE SETTING

(The trigger can not be pulled)

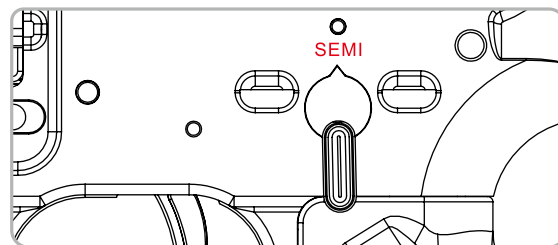
The trigger can not be pulled rearwards and the gun will not fire when set to this position.



SEMI AUTO SETTING

(Single shot)

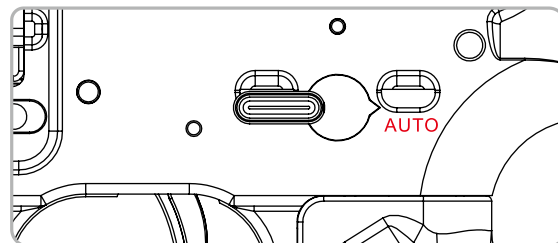
The gun will fire one shot each time the trigger is pulled.



FULL AUTO SETTING

(Automatic shooting)

The gun will fire continuously while the trigger is depressed.



BATTERY INSTALLATION

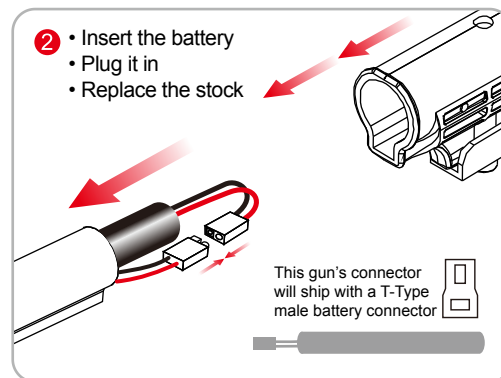
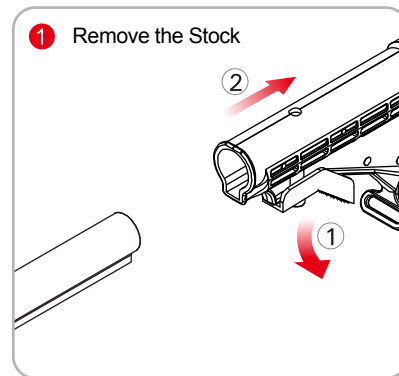
1. Remove the collapsible stock from the Airsoft gun.

2. In the rear opening of the buffer tube, insert an appropriately sized, Airsoft rated battery with compatible battery connector (7.4V to 11.1V Lithium Polymer battery is recommended for optimal performance). *

3. Connect the battery's connector to the gun's connector.

4. Reinstall the collapsible stock onto the Airsoft gun's buffer tube. Take extra care that none of the wires are pinched when sliding the stock back on.

*** Airsoft Battery is sold separately.**



MAGAZINE LOADING

1. To remove the magazine from the Airsoft gun, depress the magazine release button on the right side of the gun. Then pull the magazine out from the gun.

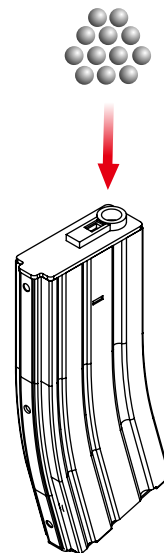
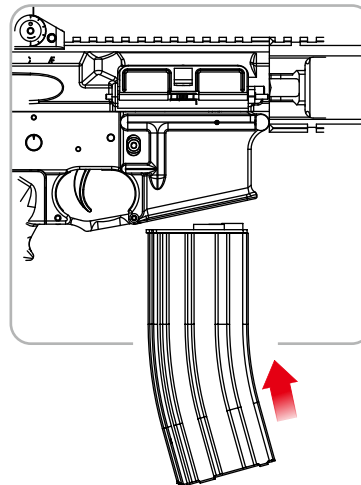
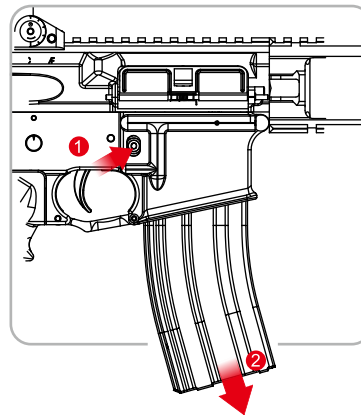
2. Insert 6mm BBs into the magazine. The included magazine should hold around 110-120 BBs. Make sure to only use high quality 6mm BBs in this Airsoft Gun.

* Using inferior quality BBs can affect accuracy and may also result in malfunctions in the gun. **Dynamic Tactical** will not be held responsible for issues and/or gun breakages resulting from inferior quality BBs used in the gun.

* Do not overload BBs into the magazine.

3. Reinsert the magazine into the Airsoft gun's magazine well. There should be an audible click when the magazine is locked in place. Be sure to give the magazine a light tug to ensure it is properly seated and locked into the gun.

Important note: Always keep in mind that there might still be BBs remaining in the hop-up chamber when you remove the magazine from the gun. Do not consider the gun safe even though the magazine has been removed from the gun.

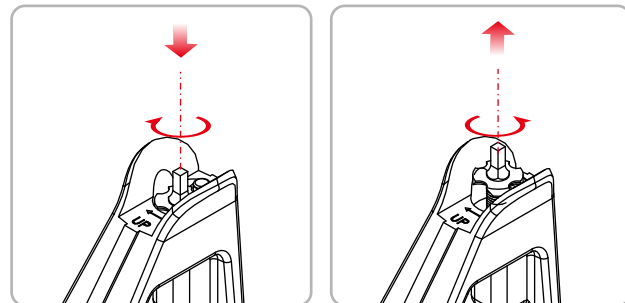


SIGHT ADJUSTMENT

Depending on which model of Airsoft Gun you have purchased, some guns may or may not have had Iron Sights included. Iron Sights generally come in two varieties: fixed sights that are always up and in position, or folding (flip-up) sights which must be flipped upwards to deploy into position.

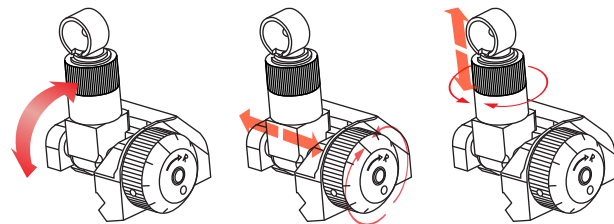
FRONT SIGHT ADJUSTMENT

1. Turn the front sight post clockwise to lower the elevation.
2. Turn the front sight post counter-clockwise to raise the elevation.



REAR SIGHT ADJUSTMENT

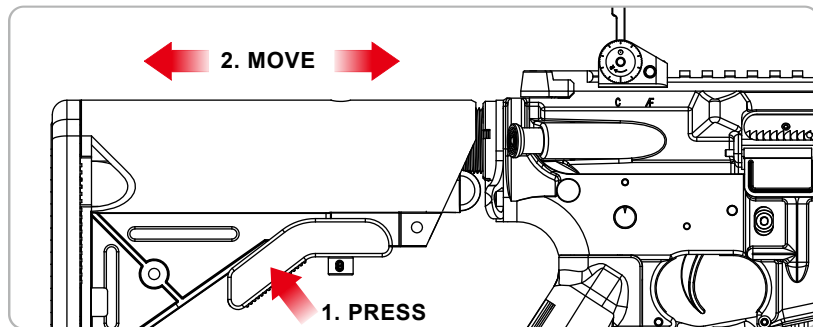
1. Turn the rear sight's windage adjustment knob clockwise to move the windage to the right.
2. Turn the rear sight's windage adjustment knob counter-clockwise to move the windage to the left.
3. Some rear sights have height adjustment as well. If so, turn the height adjustment clockwise to raise the rear sight or counter-clockwise to lower it.



ADDITIONAL FEATURES

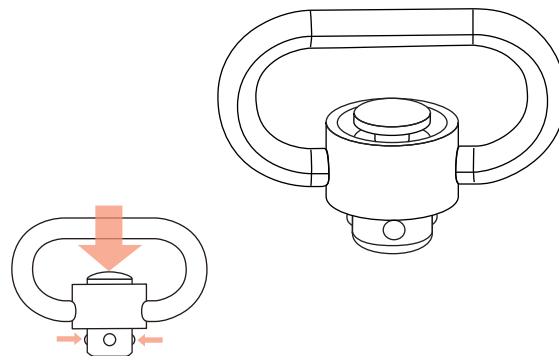
STOCK ADJUSTMENT

Collapsible stocks can be adjusted for different users desired LOP (Length Of Pull). Not everyone has the same arm lengths, stance, and equipment requirements. Each user needs to adjust the stock position by depressing the locking latch and sliding the collapsible stock to the appropriate position.



QD SLING MOUNT

To install a QD sling mount, depress the QD sling mount's central button and insert the mounting post into a QD mount point.



FIRING THE AIRSOFT GUN

1. ALIGN THE FRONT AND REAR SIGHTS

2. ACQUIRE A GOOD SIGHT PICTURE ON THE TARGET

3. SWITCH THE GUN'S FIRE CONTROL MODE:

The gun's selector should be in the SAFE position until you have made the *conscious* decision to shoot.

When you are ready to shoot, switch the selector from SAFE to SEMI or AUTO.

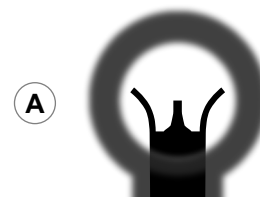
- Rotate the selector clockwise 90° for SEMI (Single Shot, *the gun will fire one shot each time the trigger is pulled*).

- Rotate the selector clockwise 90° more for AUTO (Automatic Fire, *the gun will fire continuously while the trigger is depressed*).

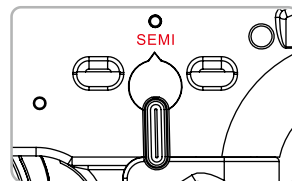
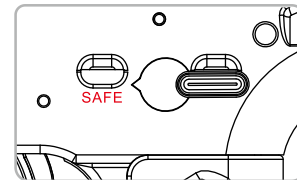
4. PULL THE TRIGGER & FIRE AT THE TARGET

5. SWITCH BACK TO SAFE MODE:

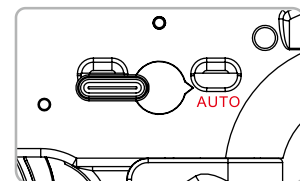
When a target is no longer present, set the selector back to safe mode.



B

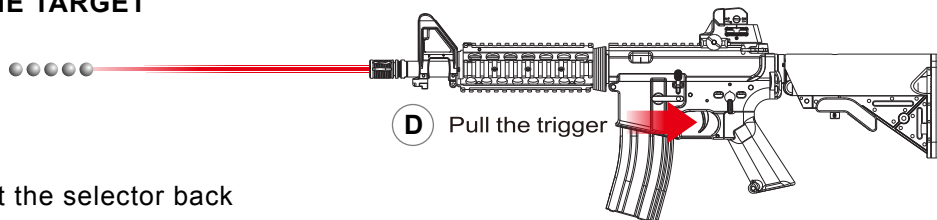


C



D

Pull the trigger



HOP-UP SYSTEM ADJUSTMENT

The term Hop-Up refers to the process of applying rotational back spin to the BB bullet, thereby creating lift.

This airsoft gun has a Hop-Up System in its chamber. A rubberized surface makes contact with the top of the BB bullet upon firing the round which applies back spin. The applied back spin creates lift and allows the BB to fly greater distances. The Hop-Up System included with this Airsoft gun is adjustable allowing fine tuning of how much back spin is applied. Different weight BBs may require different levels of back-spin (a heavier BB may require more back spin than a lighter BB).

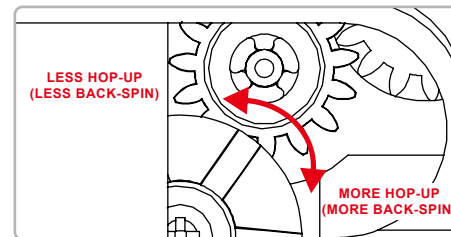
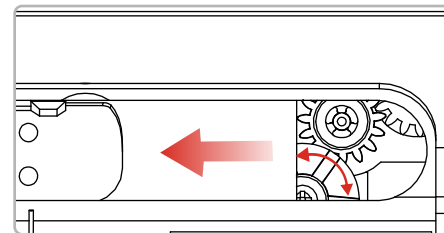
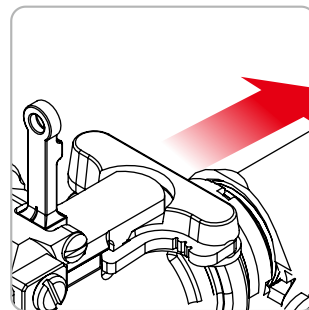
1. PULL BACK THE CHARGING HANDLE JUST ENOUGH TO EXPOSE THE HOP-UP SYSTEM IN THE EJECTION PORT

This AEG's charging handle does not pull as far back as a charging handle on a real firearm. Only pull it far enough back to expose the Hop-Up System's dial as seen in the second picture.

2. GRADUALLY ROTATE THE HOP-UP DIAL

- ROTATE CLOCKWISE FOR MORE BACK-SPIN
- ROTATE COUNTER-CLOCKWISE FOR LESS BACK-SPIN

CAUTION: Too much back-spin may cause BBs to jam. If a jam occurs, immediately dial back the hop-up and test fire again. Repeatedly jamming BBs internally, may damage the gun.

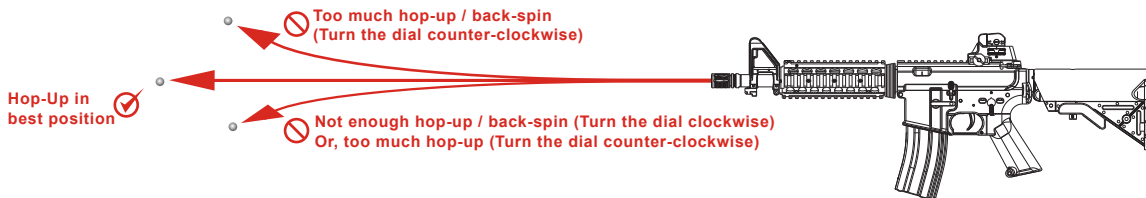


HOP-UP SYSTEM ADJUSTMENT (cont.)

FINE TUNING THE SETTINGS

- Gradually turn the adjustment dial clockwise to give more hop-up (back-spin) to the BB.
- Turn the dial in small increments, and test each time the dial is rotated a few degrees to fine tune the amount of hop-up applied. The ideal setting is where the BB projectiles fly straight and flat for a reasonable distance before dropping. Some users like the BBs to experience a little extra lift before dropping to extend the usable range. You will need to adjust the setting according to your personal requirements.
- Turning the dial excessively will adversely affect the trajectory which may result in BBs curving in flight to the left, right, or even skyward. Turning the dial too far may not only have the aforementioned erratic flight trajectory, but may also jam the BBs in the chamber and possibly damaging the internals.
- The Hop-Up System's internal rubber bucking (the 1" long rubber tubing which contacts the BBs in the chamber to apply back-spin) is considered a "wear item" that may need to be replaced periodically (most likely after many thousands of rounds, or depending upon how much back-spin is applied, and/or the quality of the BBs). Replacement of the Hop-Up rubber bucking should be carried out by a knowledgeable Airsoft technician.

- **The best Hop-Up setting is where the bullets fly horizontally and the longest flying distance is obtained.**

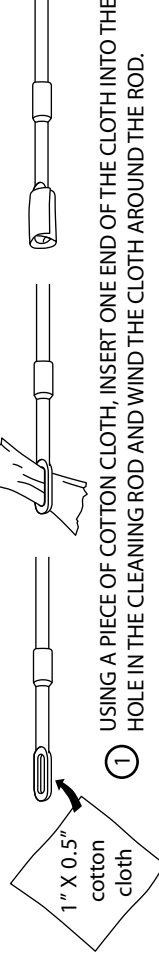


HOP-UP TROUBLE SHOOTING

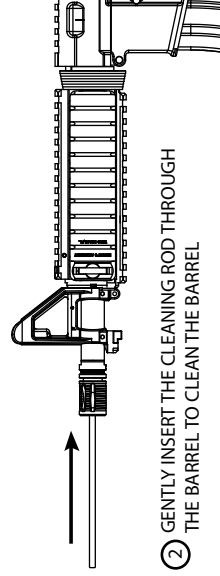
Symptom	Cause	Action
Bullets flying upwards	Too much back-spin.	Gradually turn hop-up dial off (counter-clockwise).
Short flying distance of bullets (less hop-up effect)	Too much back-spin.	Gradually turn hop-up dial off (counter-clockwise).
	Hop-Up Rubber Bucking is contaminated by oil or dirt.	Clean using the cleaning rod or consult your dealer or Airsoft Technician.
	Hop-Up Rubber Bucking is worn or damaged.	Purchase the replacement part at your dealer or from DYTac and replace it.
Cannot adjust the setting	Damaged adjustment lever or other parts.	Purchase the replacement part at your dealer or from DYTac and replace it.
Frequent bullet clogging	Too much back-spin.	Dial the Hop-Up off completely (turn the dial counter-clockwise till it stops). Slowly turn Hop-Up back on, re-test.
	Improper, oversized, or misshaped BBs.	Only use high quality BBs endorsed by DYTac.
	Hop-Up Rubber Bucking is contaminated by oil or dirt.	Clean using the cleaning rod or consult your dealer or Airsoft Technician.

- Never hold and then fire the Airsoft gun sideways as the BB bullets will curve left or right. This is due to the Hop-Up System.
- Be aware that one or more BBs may still be in the Hop-Up chamber even though the magazine itself is empty or even after the magazine is removed.
- To clear the Airsoft gun completely, point the gun in a safe direction, remove the magazine, and fire the gun in semi-auto mode a few times to clear the barrel and release the internal spring. Then set the selector to "SAFE".
- When about 10,000 BB rounds are fired, spray 100% silicone oil lubricant into the chamber for 0.5 to 1 second. NEVER use WD40, CRC556 or other mineral oils. Some lubricants will destroy or deform the O-Rings and rubber bucking. Many firearm lubricants are also unsuitable.

CLEANING THE BARREL



- ① USING A PIECE OF COTTON CLOTH, INSERT ONE END OF THE CLOTH INTO THE HOLE IN THE CLEANING ROD AND WIND THE CLOTH AROUND THE ROD.



- ② GENTLY INSERT THE CLEANING ROD THROUGH THE BARREL TO CLEAN THE BARREL

GENERAL TROUBLE SHOOTING

Symptom	Cause	Action
No operation at all	Selector lever is set to safety	Set the selector to fire (SEMI or AUTO)
	Battery is not charged	Charge the battery
	Battery connector is disconnected	Connect the connector
	The + and - of the battery connector is reversed	Connect the connector correctly
Although the motor is spinning, the gun is not firing	Fuse is blown out	Replace the fuse
	Bullets are clogged inside the magazine	Insert the charging rod part way into the mag and move it up and down a few times to dislodge the BBs
	Bullets are clogged in the chamber	Remove clogged bullets using the cleaning rod
	Faulty or damaged gear(s)	Purchase replacement gear(s) from your dealer or DYTac and repair
Malfunction of full auto operation (automatic firing)	Insufficient battery power	Charge the battery
Malfunction of semi auto operation (single shot)	Faulty bullet feeding of the magazine	Repair / Replace the magazine
Automatic firing cycles become slow	Insufficient battery power	Charge the battery
	Poor electrical connection	Consult your dealer or DYTac for overhaul maintenance or repair
Shooting distance becomes shorter	Insufficient battery power	Charge the battery
	Worn or damaged rubber bucking	Consult your dealer or DYTac for overhaul maintenance or repair. Replace rubber bucking, piston O-Ring, and piston assembly
	Worn or damaged piston packing (O-ring)	
	Deteriorated piston spring	Only use high quality BBs or BBs endorsed by DYTac
Overly loud operating noise	Faulty BB bullets (too small, too large, misshaped, or too heavy)	Consult your dealer or DYTac for overhaul maintenance or repair. Replace rubber bucking, piston O-Ring, and piston assembly
	Gear problems caused by excessive blank firing	
Bullets falling out from barrel end	Worn or damaged gear(s)	Consult your dealer or DYTac for overhaul maintenance or repair. Replace rubber bucking, piston O-Ring, and piston assembly
	Gear problems caused by excessive blank firing	
	Worn or damaged rubber bucking	Replace rubber bucking and only use high quality BBs

- If a BB Bullet jam occurs, remove the magazine, and remove the jammed BB bullets with a cleaning rod (be careful not to damage the rubber bucking). Apply a few drops of 100% silicone oil into the chamber and resume shooting. If jamming problems persist, contact your nearest authorized dealer for service.
- If the rate of fire noticeably drops, recharge the battery immediately or replace with a fully charged one. If you are using a Lithium Polymer type battery this is especially important, as continued draining of the battery once the rate of fire / energy levels begins to noticeably drop may permanently damage the lithium polymer battery.
- Give this Airsoft Electric Gun a rest for a few minutes after firing about 500 rounds in order to ensure long service life of the motor and battery.

DYNAMIC TACTICAL

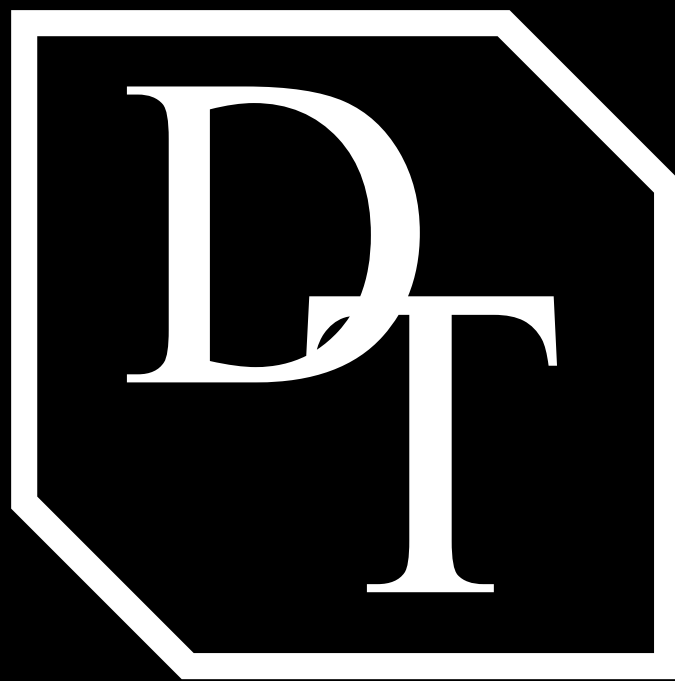
Limited Warranty

- *Dynamic Tactical* (DYTac) warrants the AEG against defects in materials and workmanship for a period of one month from the date of original purchase ("Warranty Period"). This warranty is non-transferable from customer to customer.
- Warranty coverage: The Gearbox shell and the internal parts of the gearbox. The cosmetic parts (externals of the gun), hop-up rubber bucking, and electric motor are not covered by the warranty.
- We inspect and test each product before delivery to the customer. Within the warranty period, the repair service will be conducted by a DYTac certified technician after determining the problem or damaged / defective materials or error due to DYTac workmanship.
- This warranty does not apply: (a) to damage caused by accident, abuse, misuse, misapplication, or non-DYTac products; or (b) to a product or a part that has been modified without the prior written consent of DYTac or his agent; or (c) to disassembly or modification by any unauthorized person; or (d) to any products not purchased from a DYTac authorized dealer.

Maintenance and Replacement Parts

- It is recommended to replace the Hop-Up Rubber Bucking and a few other internal parts every 30,000 BBs rounds fired.
- If you are unable to obtain replacement parts locally, please contact www.dytac.hk for more information.





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