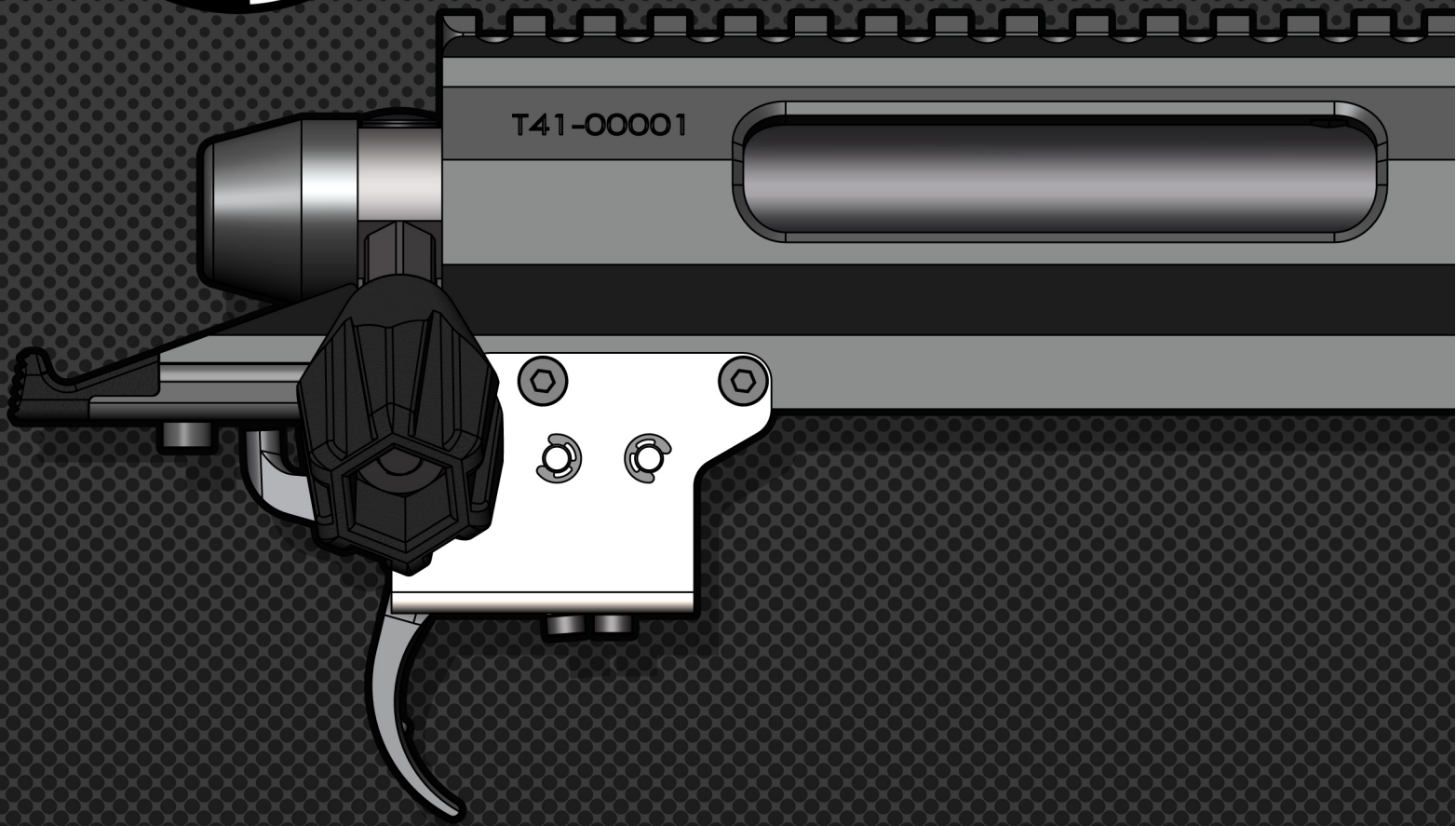


T41

Platform

user manual



TAC 41

Platform

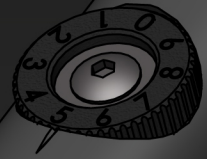


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INTRODUCTION

Welcome to the TAC-41 Platform!

The TAC-41 airsoft rifle platform is named after the 41 cm³ of usable air volume within its bolt system — a key feature behind its renowned performance and consistency. Since the launch of the TAC-41 P (P for Polymer) in 2021, the TAC-41 series has expanded to include various models and chassis configurations, offering both integral and modular chassis systems to meet every player's preferences.

All TAC-41 rifles are designed with a focus on modularity, precision, and user-friendly features. They support rapid barrel changes, interchangeable chassis systems, and effortless bolt removal. With the provided tool, the bolt can be taken out in seconds, allowing for power adjustments to meet specific field energy regulations.

The TAC-41 series will keep expanding in the coming years. Stay updated on the latest releases and platform developments by following us on social media.

For model-specific features, including ergonomic adjustments, please refer to our dedicated video tutorials via the QR code provided in this manual.

Let's get started!

TAC 41

SAFETY

READ THIS MANUAL CAREFULLY AND THOROUGHLY BEFORE USE, users should obey the laws regarding the usage and ownership of airsoft guns in their country. Misuse or careless use may cause serious injuries. Always treat airsoft guns as if they are loaded and with the same respect as you would treat firearms. Do not look into the muzzle of an airsoft gun. Never point the airsoft gun at something you do not intend to shoot. Users should always wear safety glasses. Always carry the airsoft gun in a bag or a case and never display it in public places. Always keep the airsoft gun in "safe" mode until you are ready to shoot in a safe direction. Always check that the airsoft gun is in "safe" mode and unloaded when getting it from another person or from storage. Do not put the airsoft gun away or in storage while it is still loaded. Do not shoot at hard surfaces or water surfaces as BBs could bounce or ricochet and hit someone or something you do not intend to hit. Always use high quality 6 mm plastic BBs and never use already shot BBs as it may damage your airsoft gun. Always store airsoft guns in a secure place and out of reach of children. Do not attempt to modify or alter your airsoft gun, as doing so may make your airsoft gun unsafe to use and/or cause serious injuries and/or void the warranty.

WE ARE NOT RESPONSIBLE FOR ANY MALFUNCTIONS, ACCIDENTS, INJURIES OR REPAIR COSTS RESULTING FROM MISUSE, DISASSEMBLY AND/OR MODIFICATION OF THIS AIRSOFT GUN.



WARNINGS

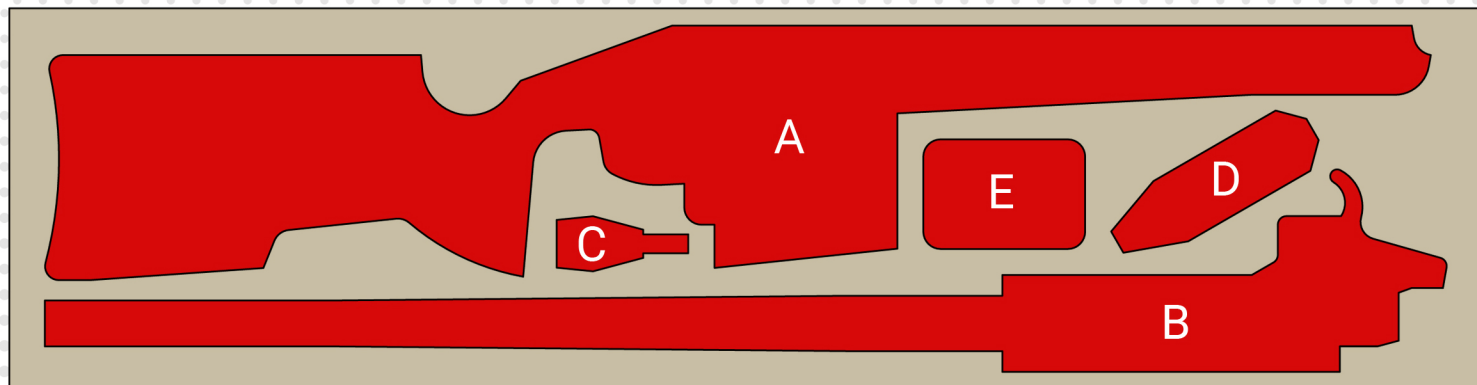
- The feeding ramp can hold 20 BBs, which means the Tac-41 is able to shoot without a magazine.
- Do not pull the trigger while the bolt is not locked or you will damage the receiver.
- While changing magazine, if the magazine is not empty, you will lose 1 to 2 BBs. To avoid losing any BBs, remove the magazine only when it's empty.
- Do not loosen the 3 barrel screws too much while changing the barrel or you may deform the stock.
- In case of inner barrel disassembly, do not overtighten the lateral screws or you may damage the inner barrel.
- Using the trigger adjustments at their maximum setting will generate safety problems and slamfire problems.
- Do not overload the magazine or you may damage the magazine.
- Maximum torque for the 3 barrel screws is 4 Nm (aluminium receiver) or 1 Nm (polymer receiver).
- For storage, empty the feeding ramp and keep the steel parts lightly oiled to avoid rusting.
- Do not apply any grease/oil inside the hopup and/or the barrel.
- Keep the bolt closed during barrel changes to ensure perfect bolt and barrel alignment.
- Make sure no BBs remain in the hopup and the feeding ramp before removing the barrel.

Please note that the TAC-41 models shown in this manual are generic examples and may not always correspond exactly to the specific model you have purchased. Some sections of this manual are specific to a particular chassis type, while the remaining pages apply to all TAC-41 models.



BOX CONTENT

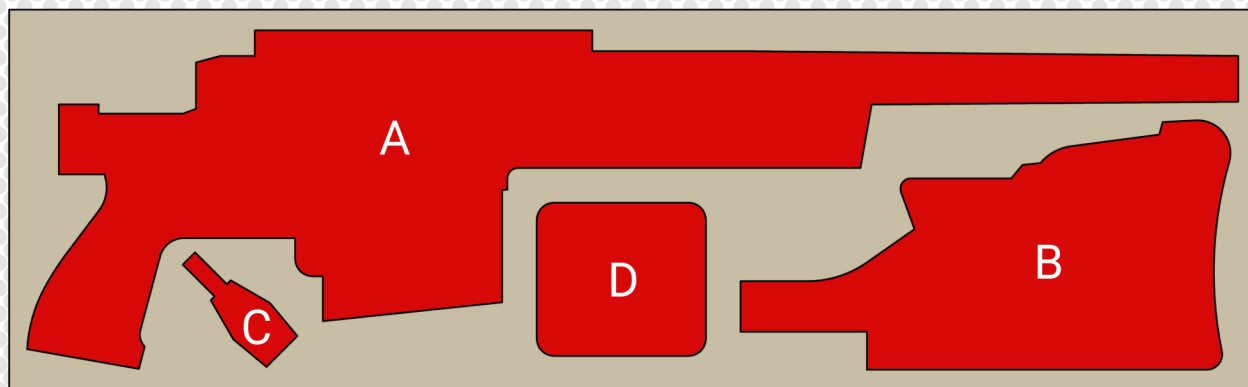
INTEGRAL CHASSIS



- A: Integral chassis & magazine (inserted)
- B: TAC-41 action & barrel
- C: Bolt handle
- D: Buttplate spacers
- E: Tools, goodies & screws

*Depending on your country, an additional spring may have been included in the box.
The number of buttplate spacers depends on the chassis version.*

MODULAR CHASSIS

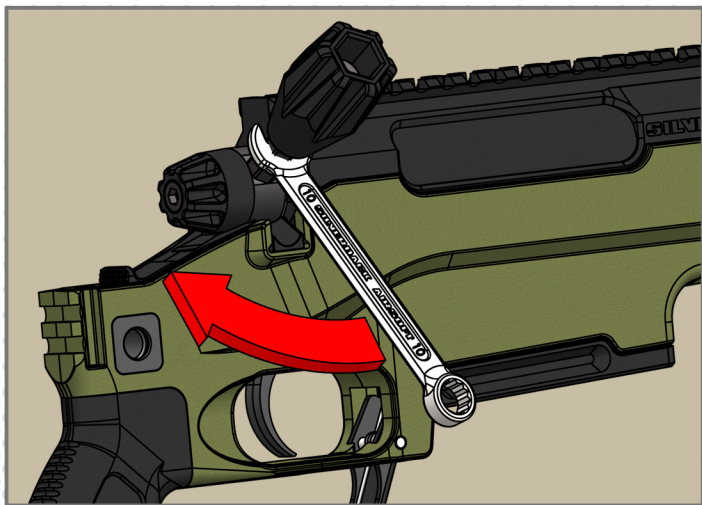


- A: Modular chassis, magazine (inserted),
TAC-41 action & barrel (installed)
- B: Modular stock
- C: Bolt handle
- D: Tools & goodies

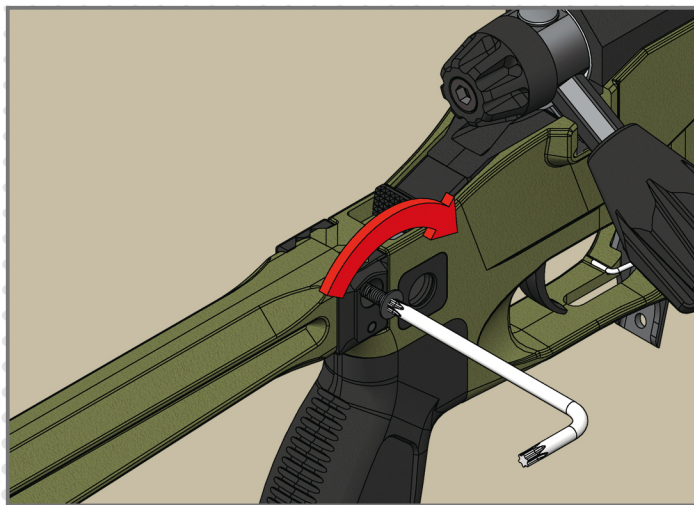
*Depending on your country, an additional spring may have been added in the box.
The Sport models are supplied without a stock hinge.*

MODULAR CHASSIS ASSEMBLY

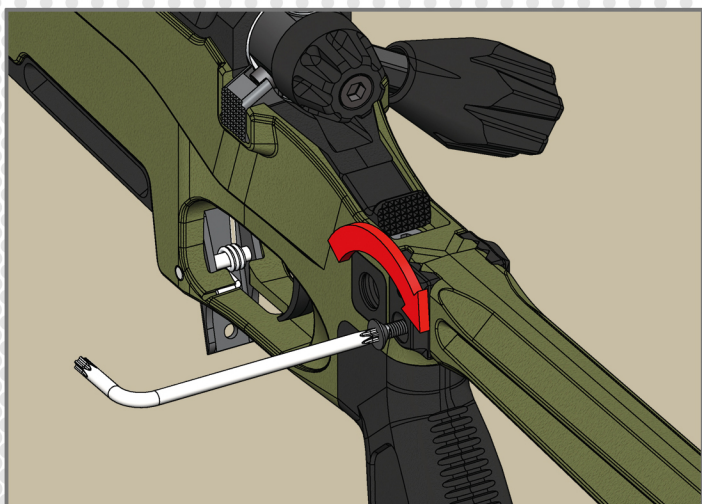
TAC-41 rifles equipped with a modular chassis are delivered partially unassembled. The procedure is as follows:



Tighten the bolt handle onto the cylinder.
For best results, use a 10 mm spanner and threadlock.



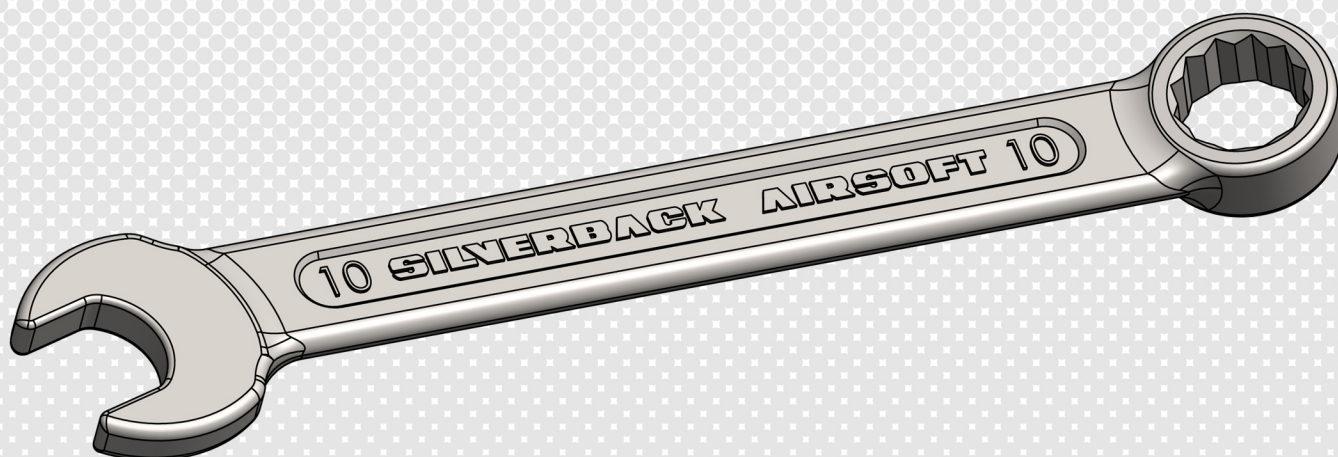
Use a Torx T20 screwdriver to attach the stock to the gun body or to the stock hinge, depending on your model.



Repeat the same operation on the other side of the gun.

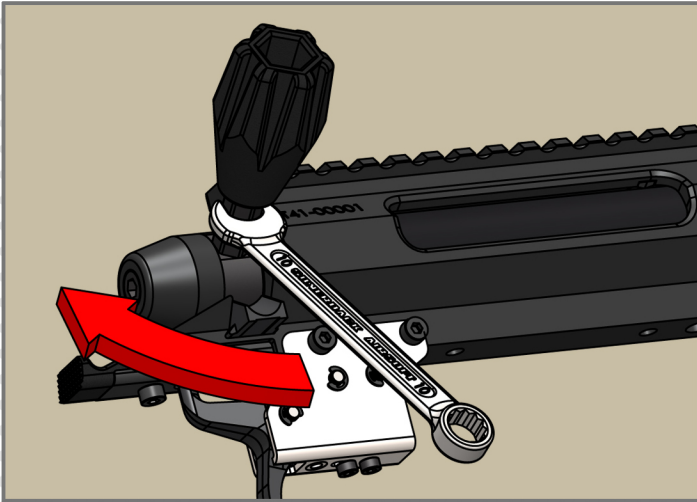


To switch your TAC-41 to left (or right) handed configuration, scan this QR code.

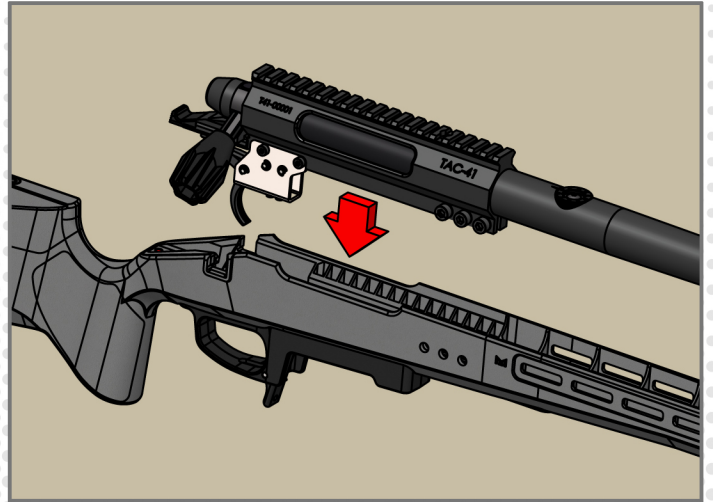


INTEGRAL CHASSIS ASSEMBLY

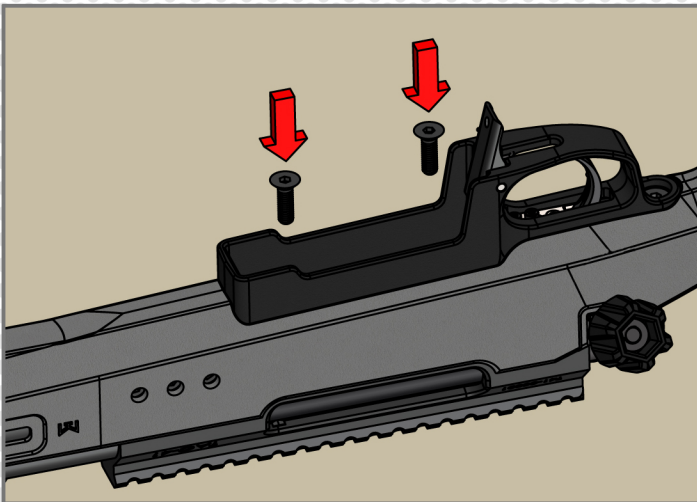
TAC-41 rifles equipped with an integral chassis are delivered partially unassembled. To switch your TAC-41 to a left- or right-handed configuration, scan the QR code on page 6. The procedure is as follows:



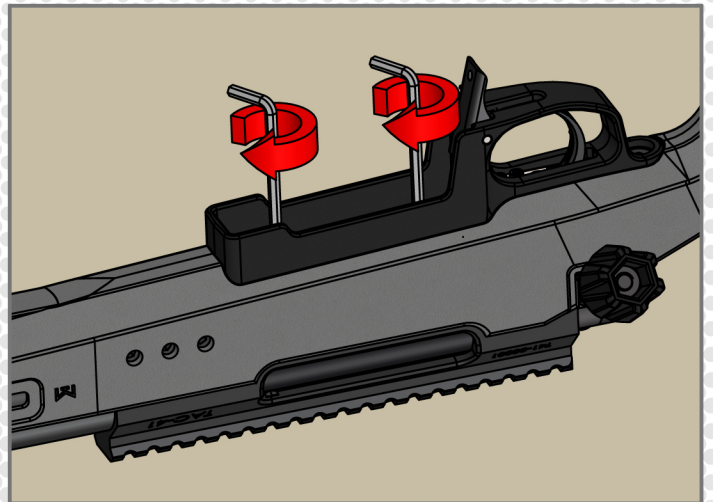
Tighten the bolt handle onto the cylinder.
For best results, use a 10 mm spanner and threadlock.



Slide the upper action into the integral chassis.

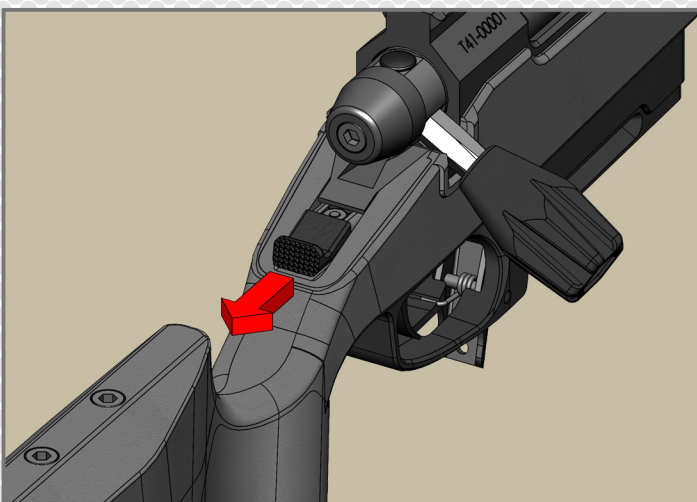


Insert the screws (M6X20 DIN7991) into the magwell.

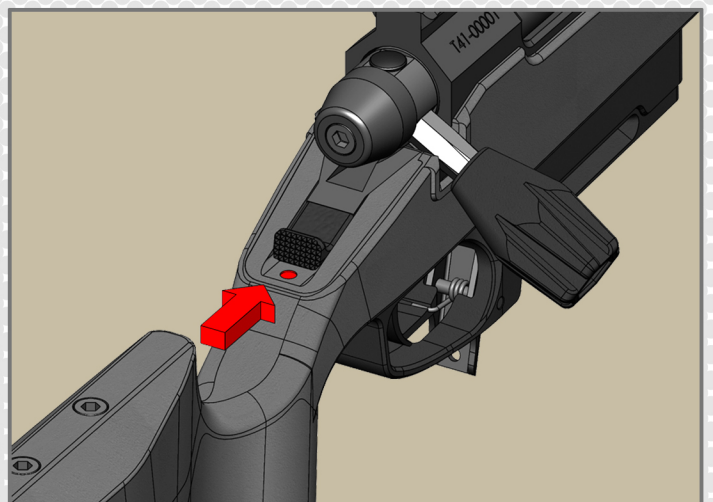


Tighten the screws using a 4 mm Allen screwdriver.

SAFETY OPERATION



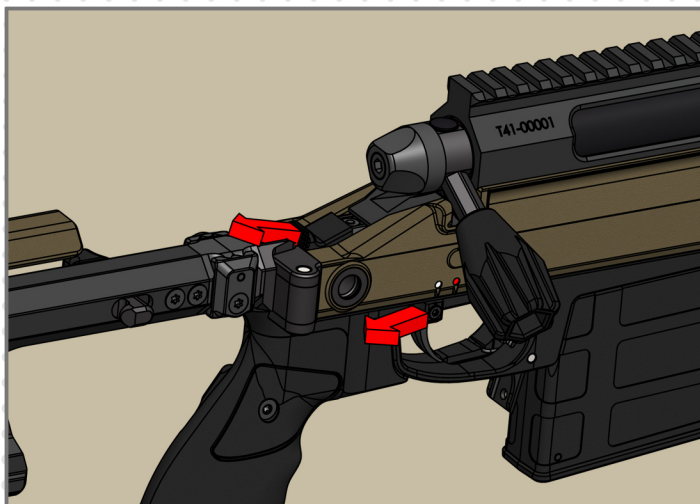
Slide the safety button toward the rear to engage the safety. It may feel stiff when the rifle is new.



Slide the safety button toward the front (red dot appears) to disengage the safety.

SIDE SAFETY OPERATION

For TAC-41 A chassis only.



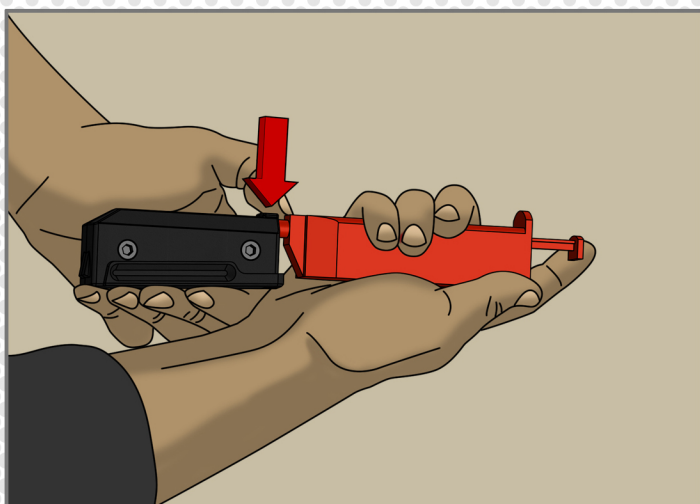
In addition to the central button, you can engage the safety using the two side buttons.



You can also disengage the safety using these two side buttons and the central button.

MAGAZINE OPERATION

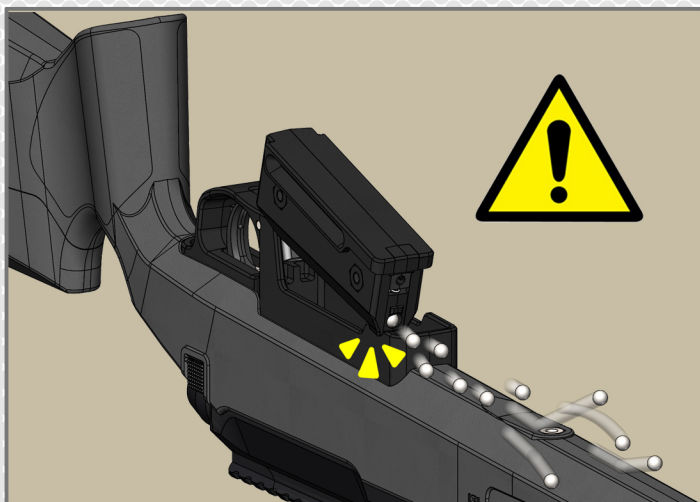
Magazine operation is the same for short magazines (48 BBs) and long magazines (110 BBs).



Fill the magazine with 6 mm BBs, preferably using a BB loader. Press the magazine gate (as shown) to load the magazine.



Insert the magazine as shown.



When inserting the magazine, be careful not to hit the magazine gate against the magwell, as this may cause the magazine to discharge accidentally.

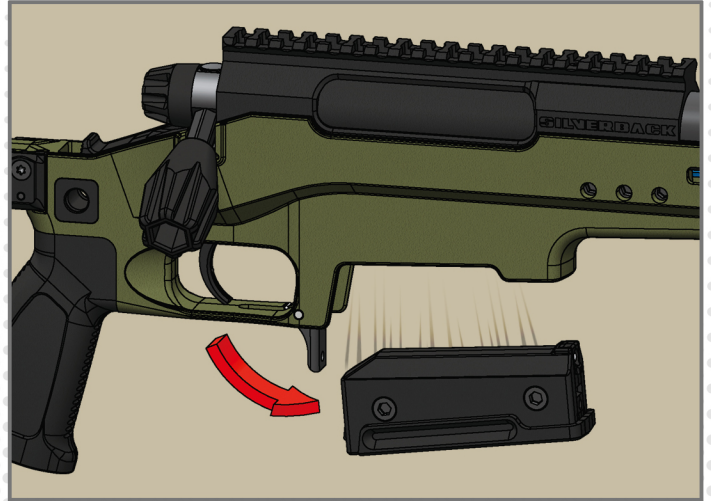


To remove the magazine, push the magcatch forward and let the magazine drop by gravity.

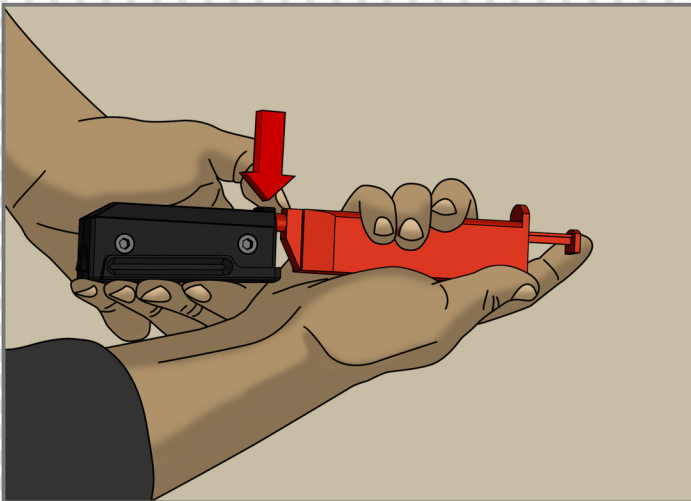
FEEDING RAMP INITIALIZATION



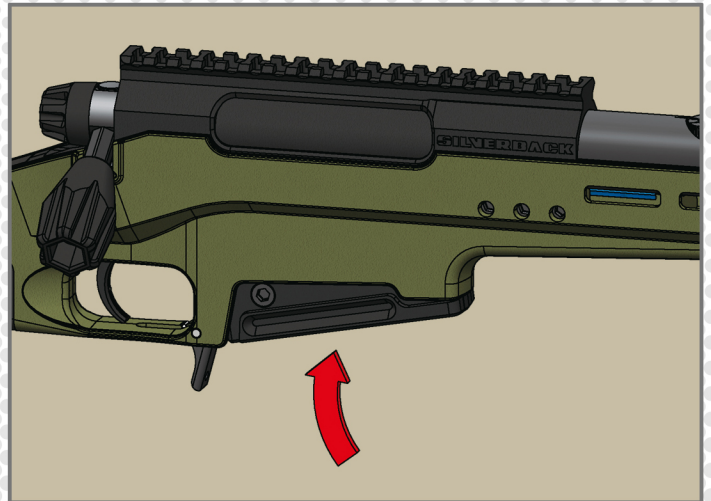
Engage a loaded magazine to pre-fill the feeding ramp (20 BBs are required).



Remove the magazine.



Refill the magazine.

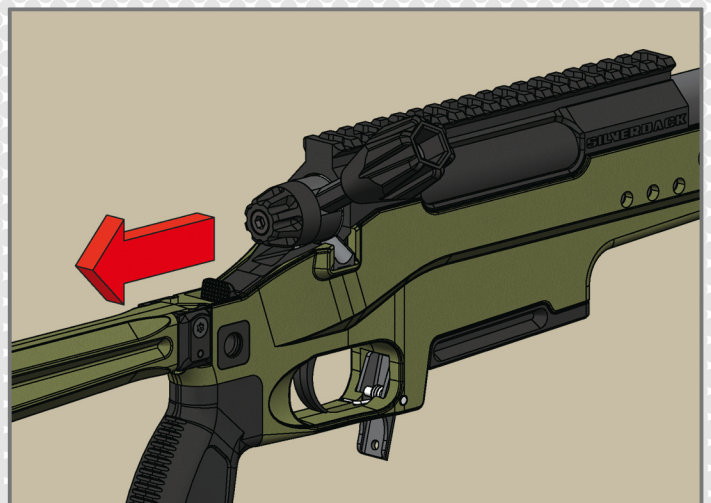


Reinsert the magazine. Your TAC-41 is now ready to fire.

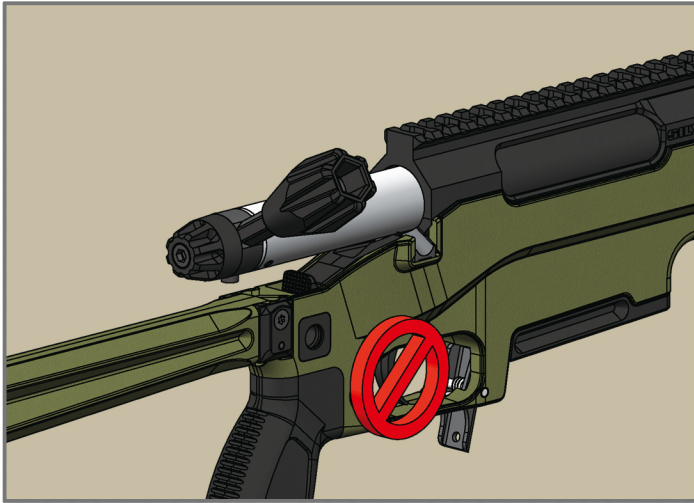
SHOOTING OPERATION



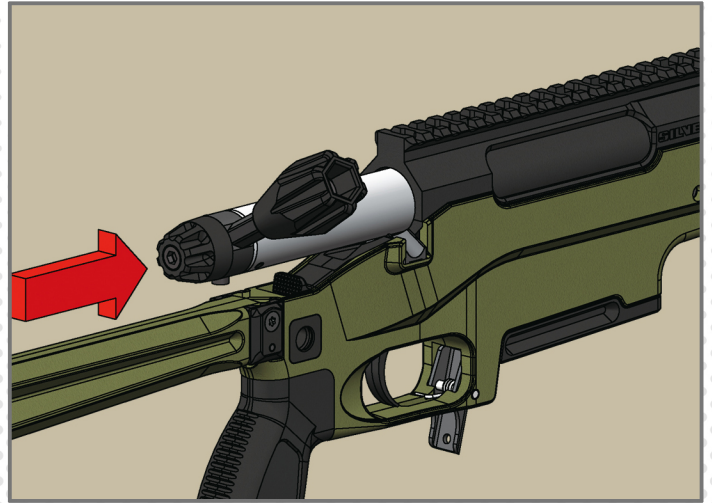
Lift the bolt handle (make sure the bolt is not already loaded to avoid double feeding).



Pull the bolt backward to compress the spring and lock the piston sear until it clicks.



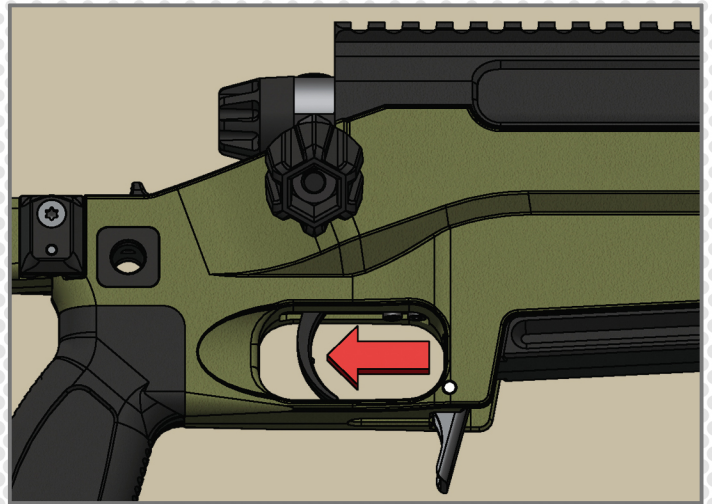
Make sure not to pull the trigger accidentally when the bolt is pulled back.



Push the bolt forward to engage a BB inside the hopup.



Lower the bolt handle to lock the bolt.

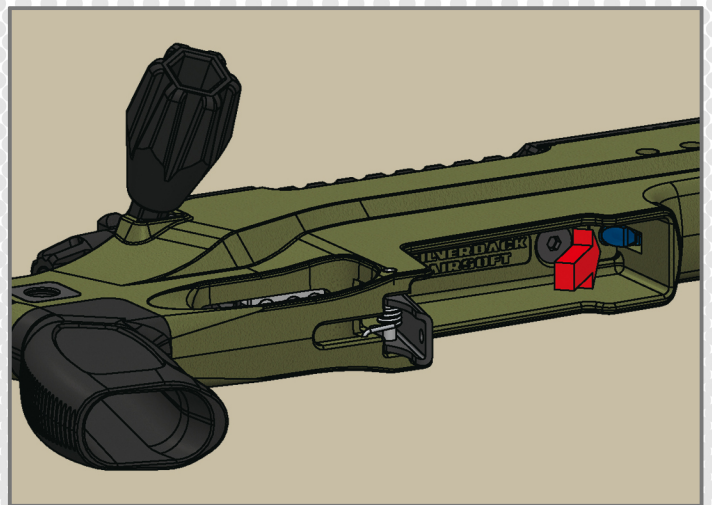


Pull the trigger to fire (make sure the safety is disengaged).

FEEDING RAMP RESET



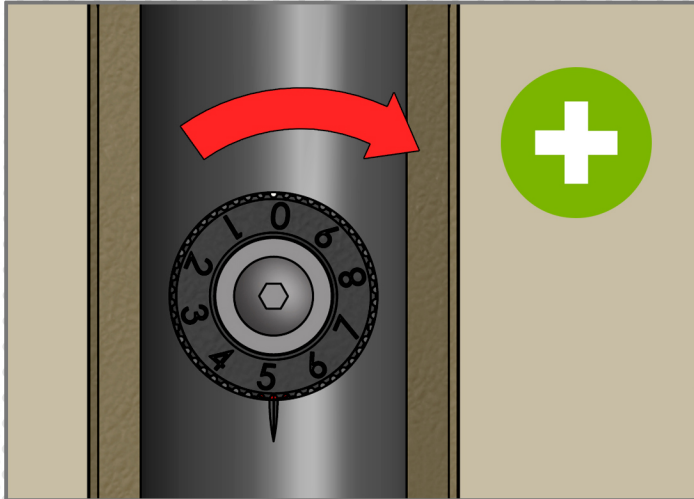
Remove the magazine.



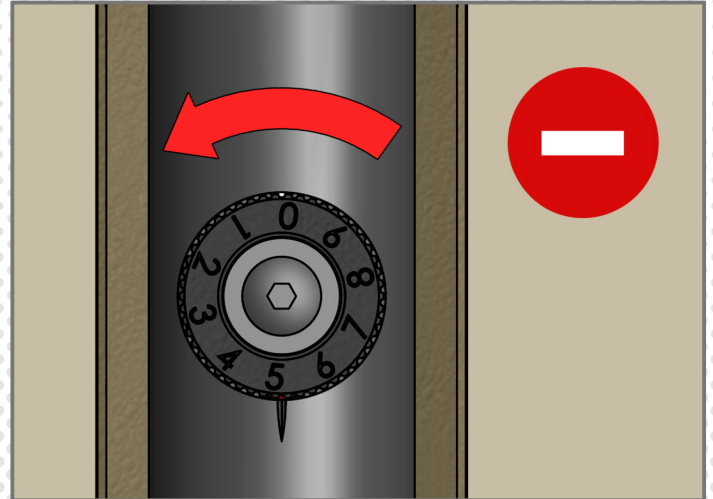
Press the feeding ramp stopper to release all BBs from the feeding ramp by gravity (tilt the gun so the muzzle points upward and the trigger guard points downward).

HOPUP ADJUSTMENT

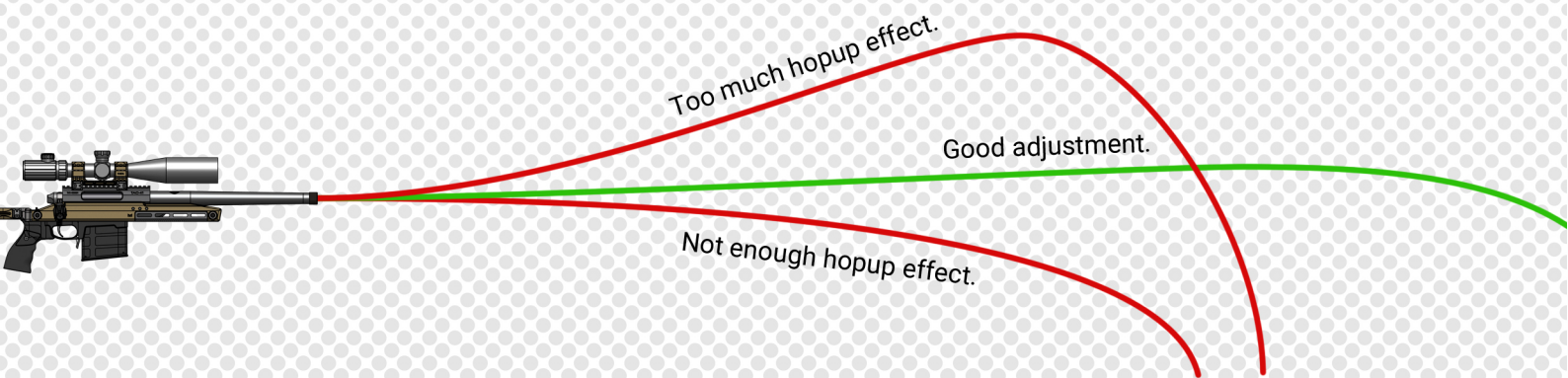
Each “click” increases or decreases the hopup preload by 15 μm . There are 50 positions for the hopup wheel, ranging from 0 up to 750 μm .



Turn the hopup wheel clockwise to increase the hopup effect.



Turn the hopup wheel counterclockwise to reduce the hopup effect.



WARNINGS

- Hopup adjustment must be done every time you change the BB mass or the muzzle energy.
- Excessive hopup adjustment may jam the gun.
- In case of jam:
 1. Remove the magazine.
 2. Turn the hopup wheel to “0”.
 3. Cycle the bolt.
 4. Fire in a safe direction.
- Hopup adjustment may affect your muzzle energy. Always check your muzzle energy after adjusting the hopup using in-game BBs, and make sure it is within the limits of your local laws and regulations.
- It is mandatory to keep your hopup clean and dry for it to remain effective.
- To avoid any sidespin, be sure to hold your rifle straight before pulling the trigger.



ADVANCED SETTINGS & ERGONOMICS

To help you with the ergonomics and advanced settings, please check out our YouTube channel for tutorials. Scan the QR code on this page to access our YouTube channel.



EXPLODED VIEWS

Scan the QR code on this page to access the full set of exploded views for the TAC-41 series. This PDF includes all sub-assemblies for every TAC-41 variant. Only some pages correspond directly to your rifle; the others illustrate components from different variants. This allows you to check your model, compare variants, and explore the customization options available across the TAC-41 platform.



MATERIALS / MASS / SIZE / CAPACITY

This page provides an overview of the materials, weights, and dimensions of the various sub-assemblies and the rifle, as well as the capacities of the magazines and feeding ramp. Scan the QR code at the top of the page to download the digital version of this manual. If the manual is updated in the future, the same link will always provide access to the latest version.



	Aluminium Receiver	Polymer Receiver	Outer Barrel	Inner Barrel	Standard Hopup	Sport Hopup	Regular Cylinder	Sport Cylinder	Std. Spring Guide	Sport Spring Guide	Piston	Bolt Handle	Trigger Box	Magcatch	Poly. Integral Chassis	Aluminium Chassis	Lite Chassis	Lite Stock	Buffer Stock	Recon Stock	Aluminium Stock	Picatinny Coupler	Picatinny Hinge	BB Feeding Ramp	Magazines	Screws / Pins	O-rings
Aluminium 6000/7000 Series																											
Aluminium ADC-12																											
Carbon Steel																											
Stainless Steel SS304																											
Steel 10.9																											
Brass																											
Fiber-reinforced Nylon																											
ABS																											
PC																											
POM																											
NBR																											
Silicon 60°																											

ASSEMBLY #	ASSEMBLY NAME	MASS [gram]	
T41-0100-04	SHORT BARREL UPPER-MECHANIC	1315	
T41-0100-07	SHORT BARREL UPPER-MECHANIC (SPORT)	915	
T41-0100-11	SHORT BARREL UPPER-MECHANIC (HOLD)	1317	
T41-0100-02	LONG BARREL UPPER MECHANIC	1455	
T41-0100-09	LONG BARREL UPPER MECHANIC (SPORT)	1027	
T41-0400-04	INTERGRAL POLYMER CHASSIS *	1307	
T41-2100-03	MODULAR LITE CHASSIS *	365	
T41-2100-04	PICATINNY HINGE **	104	
T41-1100-06	MODULAR ALUMINIUM CHASSIS *	882	
T41-2100-05	LITE STOCK **	260	
AT1-0500-03	BUFFER STOCK **	328	
T41-2400-10	RECON STOCK **	584	
T41-1100-12	ALUMINIUM STOCK **	546	
T41-0600-00	LONG MAGAZINE	139	
T41-1000-00	SHORT MAGAZINE	79	
TAC-41 <i>P/PS</i>	TAC-41 Polymer (/ Sport)	2841	2413
TAC-41 <i>LL / LL-S</i>	TAC-41 Lite Lite (/ Sport)	2123	1619
TAC-41 <i>LB / LB-S</i>	TAC-41 Lite Buffer (/ Sport)	2191	1687
TAC-41 <i>LR / LR-S</i>	TAC-41 Lite Recon (/ Sport)	2447	1943
TAC-41 <i>LA / LA-S</i>	TAC-41 Lite Aluminium (/ Sport)	2409	1905
TAC-41 <i>AL</i>	TAC-41 Aluminium Lite	2598	
TAC-41 <i>AB</i>	TAC-41 Aluminium Buffer	2666	
TAC-41 <i>AR</i>	TAC-41 Aluminium Recon	2922	
TAC-41 <i>AA</i>	TAC-41 Aluminium Aluminium	2884	
Mass tolerances: +/- 0.2 %			

SIZE	MIN. [mm]	MAX. [mm]
TAC-41 <i>P/PS</i>	1095	1155
TAC-41 <i>A</i> chassis ***	455	
TAC-41 <i>L/LS</i> chassis ***	410 / 440	
TAC-41 <i>L</i> stock	265	
TAC-41 <i>B</i> stock	191	271
TAC-41 <i>R</i> stock	258	288
TAC-41 <i>A</i> stock	252	352
TAC-41 short inner barrel (<i>A/L</i> chassis)	330	
TAC-41 medium inner barrel (optional only)	420	
TAC-41 long inner barrel (<i>P</i> chassis)	510	
Size tolerance: +/- 0.2 %		

CAPACITY	[bbs]
Short magazine	48
Long magazine	110
Feeding ramp	20

*: two M6X20 DIN7991 included. **: One Picatinny coupler included. ***: Measured from the rear Picatinny interface to the muzzle.





September 2025 - Made in China

SILVERBACK AIRSOFT