

INSTRUCTION MANUAL



AV105



Компания Б

Компания Вега Форс



AV105 TACTICAL

Gas Blowback Rifle, Cal. 6mm
Manufactured by VegaForceCompany Made in Taiwan



Caution / Warning

- Always wear eye protective gear.
- Never shoot the gun at places where people and cars can cross.
- Never aim or shoot a person or animal as a target.
- Never look into the gun muzzle.
- Always point the muzzle towards a safe direction.
- Avoid pulling the trigger carelessly.
- Please keep your fingers away from the trigger, except when you are ready to shoot a target.
- Always put the gun in a case or bag when you are carrying it.
- Keep out of reach of children.

注意事項/警告

- 始終佩戴護目鏡。
- 切勿在有人和汽車通過的地方開槍。
- 切勿將人或動物作為目標瞄準或射擊。
- 切勿直視槍口。
- 始終將槍口指向安全的方向。
- 避免不小心拉動扳機。
- 除準備射擊目標外，請不要將手指放在扳機上。
- 攜帶槍支時，請務必將其放在箱子或袋子中。
- 請將本品放在兒童不能接觸的地方。

Specification

- Over all: 600 / 850 mm
- Inner Barrel: 285 mm
- Weight: 3332g (Included Magazine)
- Bullet: 6 mm
- Capacity: 42 Rds
- Energy: < 1.4 Joule
- Material: Metal , Plastic

產品諸元

- 全長: 600 / 850 mm
- 內管長: 285 mm
- 重量: 3332g (含彈匣)
- 彈種: 6 mm
- 填彈數: 42 Rds
- 動能: < 1.4 Joule
- 材質: 金屬、塑料



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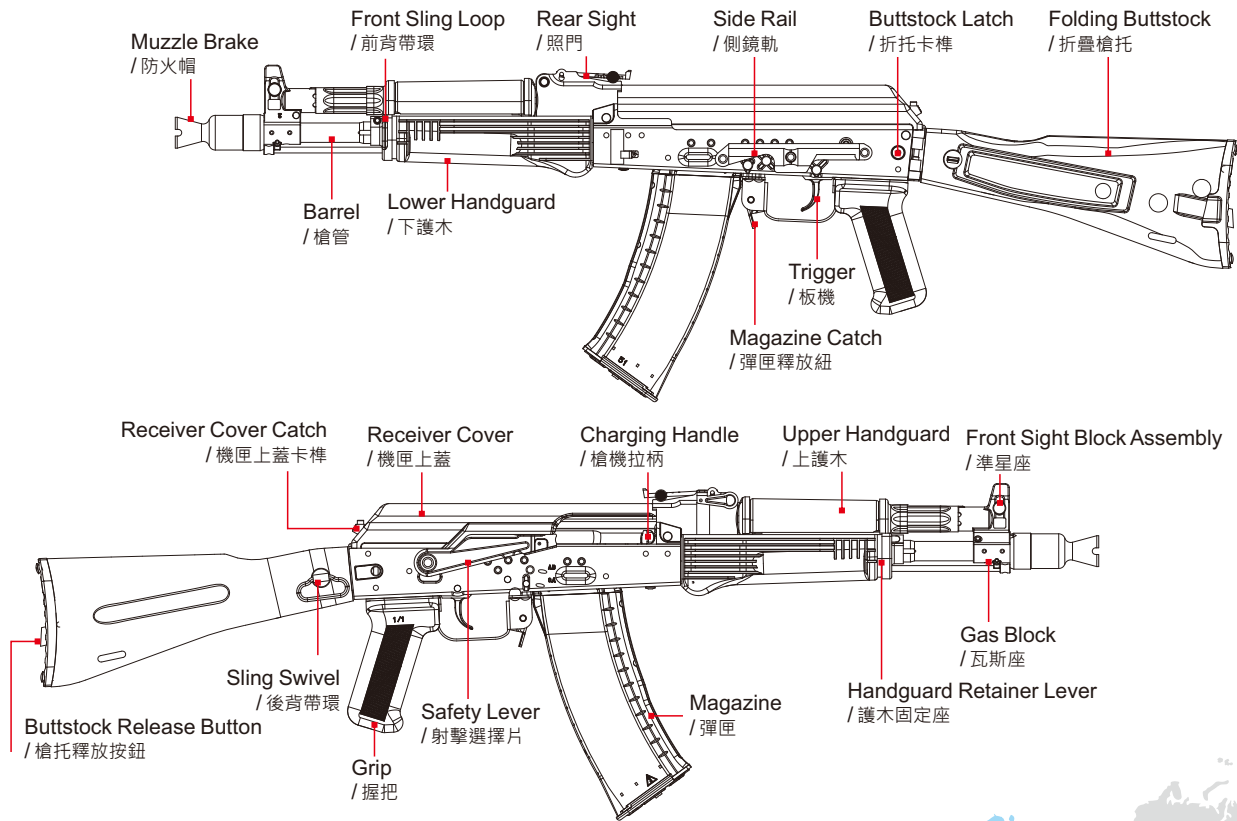
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01 - AK105 Product Features / VFC AK105特色

- All-steel structure and simulation surface treatment, engraving and details are included; real AK parts and accessories can be installed directly.
- CNC integrated steel bolt carrier, simulated bolt and long-stroke piston, cylinder diameter is up to 22mm, bringing a strong recoil experience.
- The full steel fire control group is equipped with a braided wire hammer spring and a rate reducer, which is durable and also extremely simulated.
- Variable stroke-bolt: Long-stroke setting for simulation, short-stroke setting to increase rate of fire.
- Easy disassembly Hop-up unit design, Hop-up bucking and inner barrel are universal to the VSR10 specifications.
- Warsaw pact rail mount, which can be equipped with optic sights like PSO-1 or NSPU etc.
- The lightweight aluminum magazine only weighs 388g with capacity of 42 rounds, along with 107cc gas capacity, which is largest among any similar AK models on the market. It also has both function of stop firing after last BB and dry firing operation.
- 全鋼製結構及全仿真表處，細節包括刻印等一步到位；真品配件可直上。
- CNC一體式鋼槍機、仿真型槍機頭及長行程活塞，汽缸直徑達22mm，帶來強勁後座力體驗。
- 全鋼製火控組搭配仿真三股擊錘簧、減速器，兼具耐用與極度仿真。
- 可變槍機行程設計：長行程仿真，短行程高循環射速。
- 簡易拆解Hop座設計，Hop管皮通用VSR10規格。
- 華沙條約側鏡軌(Warsaw Pact rail)，可搭配如PSO-1或NSPU等瞄具。
- 輕量化鋁合金彈匣重量僅388g，裝彈數42發，氣體容量史上最大107CC，同時具備無彈不擊發及空擊功能。

02 - Parts Name / 部件名稱



03 - Safety Lever Operating / 保險操作說明

Safety Lever locates at right side of receiver.

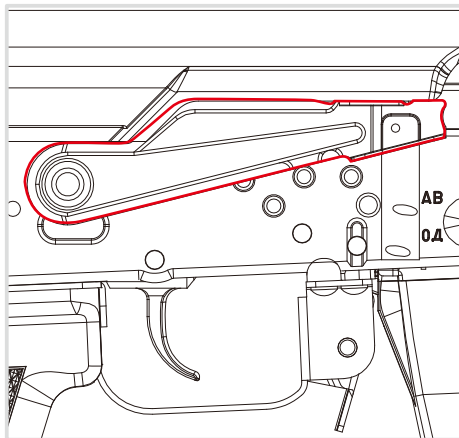
As shown in the picture, here are three settings positions: safe (up), full-auto (center), and semi-auto (down).
when it is on safe, prevents charging handle and/or trigger from being pulled fully to the rear .

射擊選擇片位於下槍身左側。

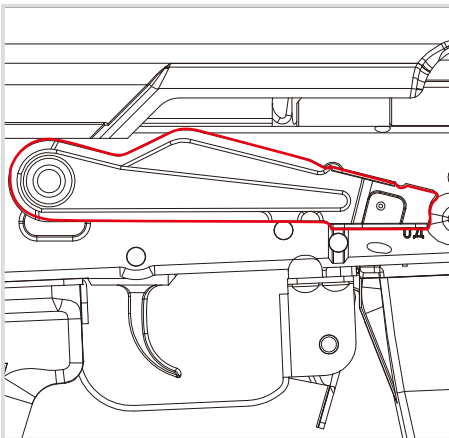
如圖所示，射擊選擇有三種選項：保險 / 連發 (AB) / 單發 (OD)。

射擊選擇片旋至保險位置時，無法拉動槍機拉柄亦無法扣動扳機。

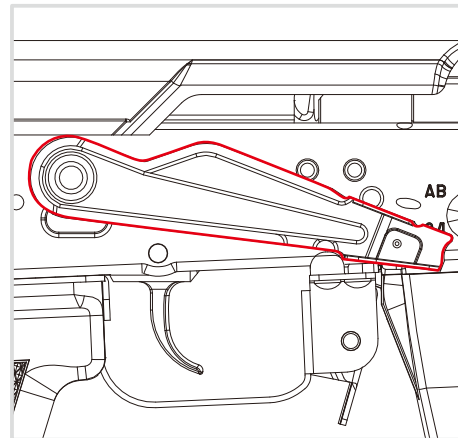
Safety On / 保險



Full Auto / 連發

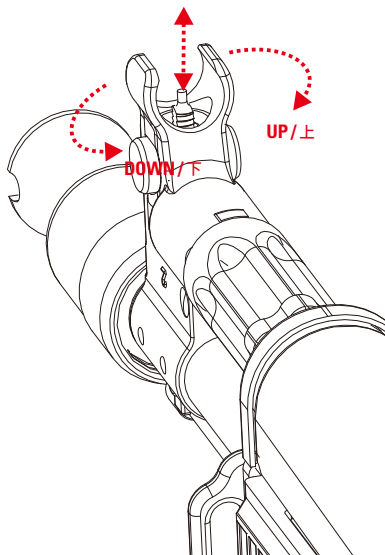


Semi Auto / 單發



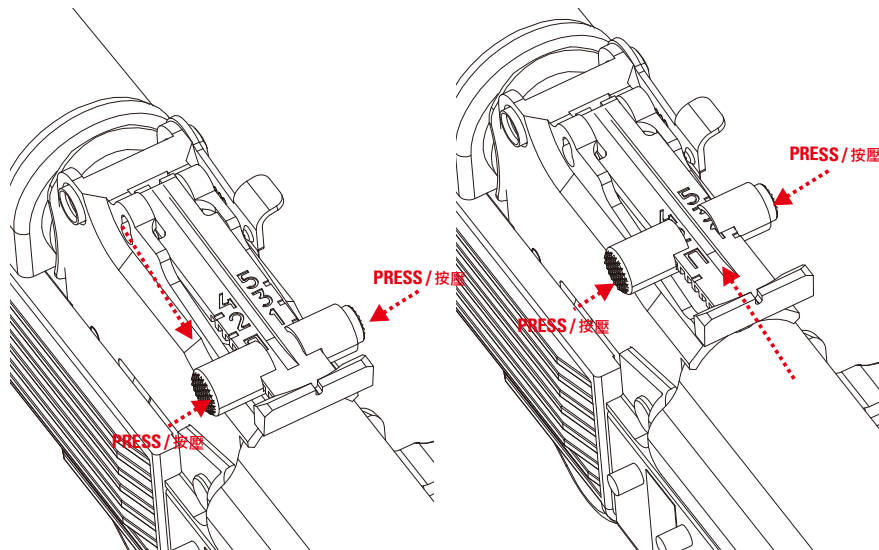
04 - Front Sight and Rear Sight Adjustment / 準星照門調整

A. Front Sight / 準星



Front Sight Elevation Adjustment: clockwise adjust to raise the point of impact, counter clockwise adjust to lower the point of impact.
準星調整：順時鐘旋轉彈著往上修正，逆時鐘旋轉彈著往下修正。

B. Rear Sight / 照門



Rear Sight Adjustment: Press both side of rear sight button to adjust.
Moves backward for close target, move forward for long distance target.

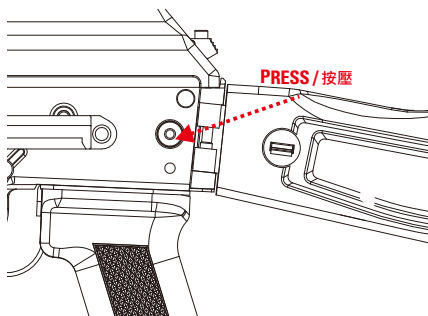
- 照門調整：使用兩指同時按壓調整鈕，方可調整照門前後。
- 往後調整為近距離射擊，往前調整為近距離射擊使用。

05 - Folding Stock Operating / 槍托操作

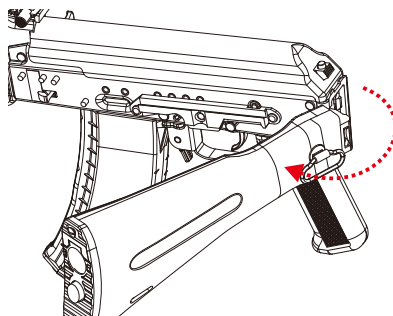
05-1. Stock folded / 收折槍托

Press buttstock latch to fold the buttstock.

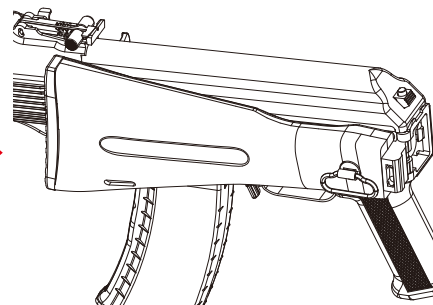
按下折托卡榫，可將槍托折疊至槍身左側。



05-1-1



05-1-2

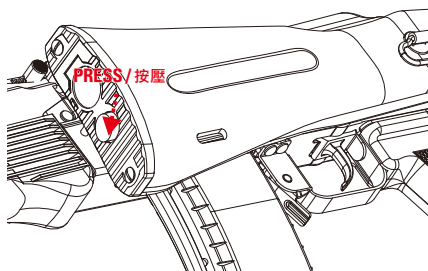


05-1-3

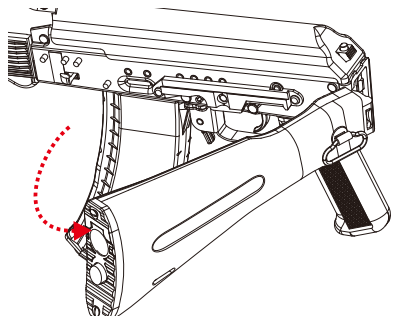
05-2. Stock unfolded / 打開槍托

Press the release button to unfold the buttstock.

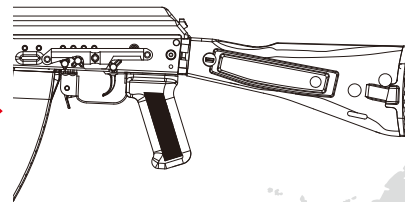
按下槍托釋放按鈕，可將槍托釋放向後伸展。



05-2-1



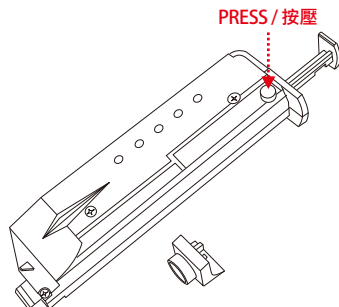
05-2-2



05-2-3

06 - Magazine Loading / 彈匣裝填

a. BB Loader / BB彈填彈器



Always use the quality BBs for this airsoft gun. we will not be held responsible for any damage and accidents arising from using of bad quality BBs.

請使用原廠或品質良好的BB彈。
若因使用劣質的BB彈造成玩具槍毀損，
本公司不負相關保固之責任。



Diameter Larger Than 6mm
直徑大於6mm



No True Round Bbs
並非真圓



Both Halves Not Aligned
有模線痕跡

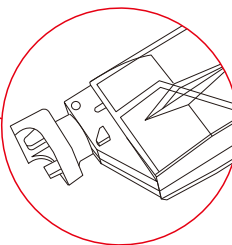
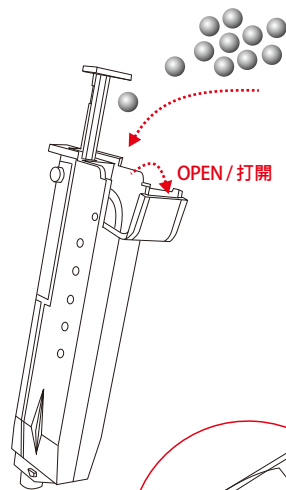


With Flash
有裂紋或破損



Used Or Soiled
已使用過或表面髒污

b. Insert the BBs to Loader / 將BB彈裝入填彈器

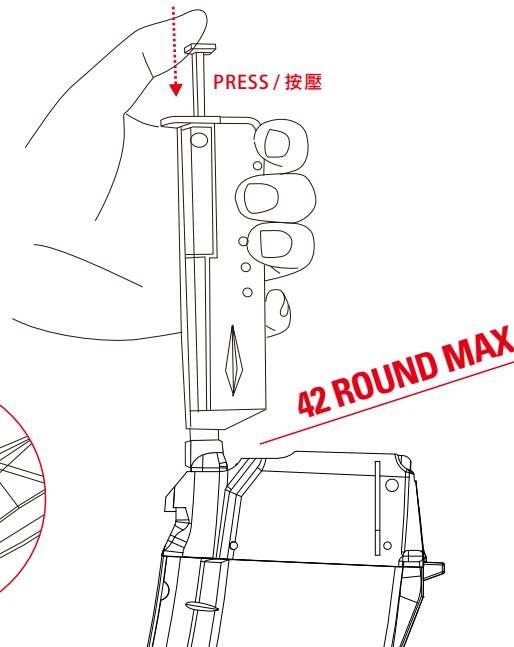


c. Load BBs / 裝填BB彈

Insert the BBs into the Magazine.

The maximum capacity is 42 round.

將BB彈裝入彈匣內，最大裝彈數為42發。



CAUTION: Force to overload BBs will damage the parts and magazine insert difficulty !

注意: 裝填過量的BB彈，將導致上彈不良及機件故障！

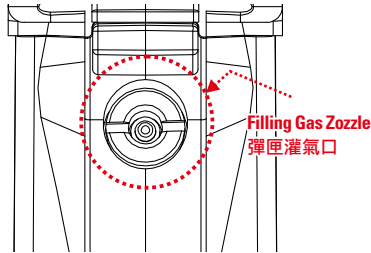
07 - Filling the Gas / 填充瓦斯

a. Check the Nozzle / 確認彈匣灌氣口

Push the gas canister nozzle into the Filling gas nozzle.

Make sure the canister is in vertical position when charging.

將瓦斯罐接嘴對準並接上彈匣灌氣口，用力壓下開始填充。並確保彈匣灌氣口與瓦斯罐接嘴的垂直。



b. Filling the Gas / 填充瓦斯

For the better performance of the GBB rifle. Do not shoot the rifle right after charging the gas.

為了獲得最佳的效能，填充瓦斯完畢請勿立即開槍射擊。

CAUTION / WARNING

1. Keep hands and face at a safe distance from the escaping gas.
2. Escaping gas may cause icing.
3. Do not smoke, keep away from naked flames. The gas is highly inflammable.
4. Check canister for any cracks or leaks before using.
5. Do not boil canister.
6. Keep canister away from direct sunlight.
7. Do not leave canisters inside the vehicle.

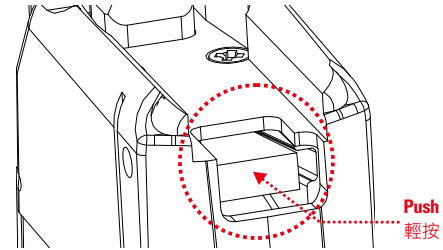
1. 注意洩漏的瓦斯，避免肢體和臉部過於靠近。
2. 洩漏的瓦斯可能會導致結霜。
3. 瓦斯屬於高度易燃物質，填充瓦斯時，請勿吸菸並遠離火源及高溫處。
4. 使用前，請檢查瓦斯罐是否有裂紋或洩漏。
5. 請勿加熱瓦斯罐。
6. 瓦斯罐請避免陽光直射並存放於室內陰涼處。
7. 請勿將瓦斯罐留在車內。

c. Release the Gas / 釋放瓦斯

Please discharge the magazine by

press the value gently, for releasing residual gas.

請按下氣閥釋放鈕，釋放彈匣內殘餘的瓦斯。



CAUTION: Green Gas Only, do not fill with high pressure gas to avoid damaged the airsoft gun. Do not fill with CO2.

Best working performance when magazine is at 25~30 degrees celsius.

Avoid storage the magazine at environment which is 40 degrees celsius or over.

It might cause damage to airsoft gun or magazine.

注意：請勿使用壓力高於12kg/cm 的瓦斯，

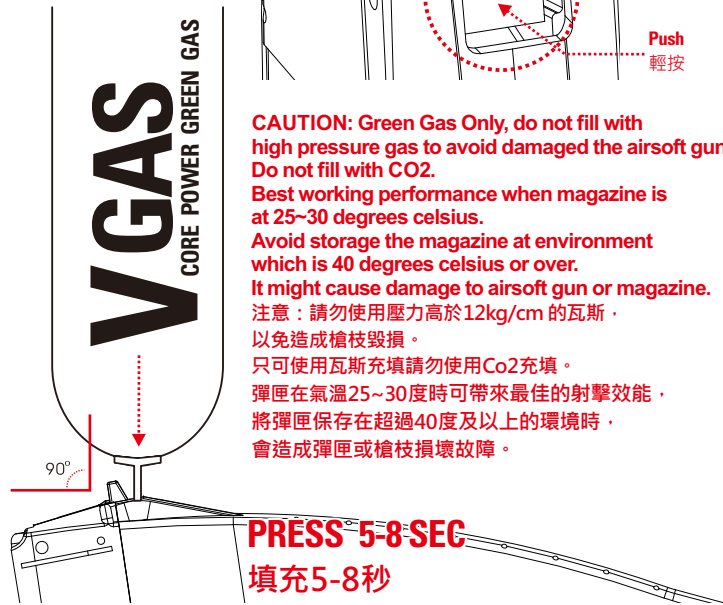
以免造成槍枝毀損。

只可使用瓦斯充填請勿使用Co2充填。

彈匣在氣溫25~30度時可帶來最佳的射擊效能，

將彈匣保存在超過40度及以上的環境時，

會造成彈匣或槍枝損壞故障。

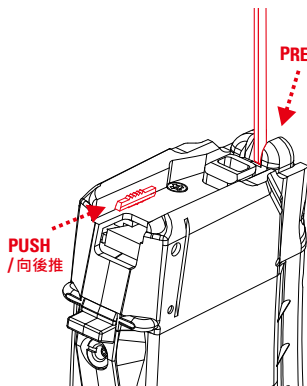
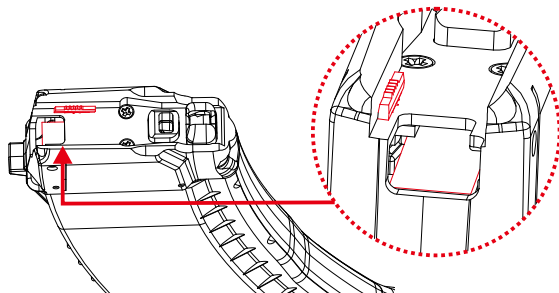


08 - Dry-Firing Function Operating / 無彈空擊與無彈不擊發切換

08-1. Stock folded / 無彈不擊發

Stop firing after last BB Mode: select lever is at forward position.

彈匣出廠設定為無彈不擊發模式：切換鈕在前，敲擊閥在下。

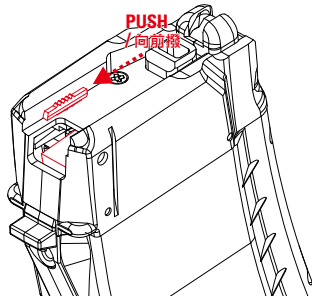
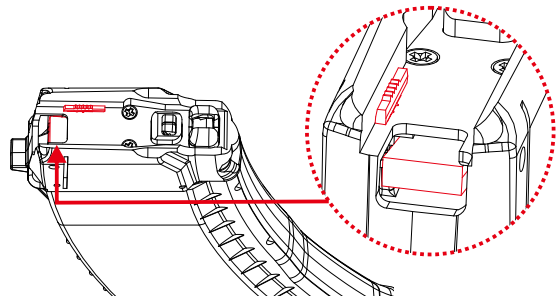


When you want to switch to dry fire mode, must press down the magazine follower at least 1cm until striker lift up before push the select lever backward.
功能切換時，需將頂彈頭下壓一公分以上，此時敲擊閥會自動彈起，方可操作切換鈕。

08-2. Dry-Firing / 無彈空擊

Dry-fire mode: select lever is at rear position.

無彈空擊模式：切換鈕在後，敲擊閥在上。



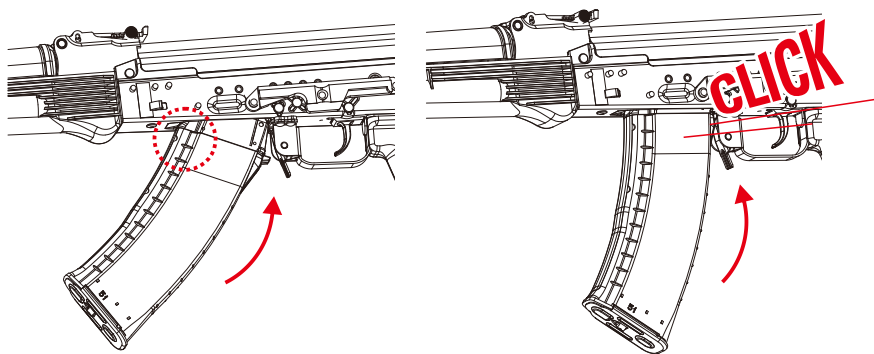
When you want to switch to stop firing after last BB mode: Push the select lever to forward position. Noted: Striker will droop at this mode.
功能切換時，直接將切換鈕向前撥，敲擊閥會自動下壓，完成功能切換。

09 - Shooting Operating / 射擊操作

09-1 Setting Magazine / 裝彈匣

When insert the magazine, make sure magazine catch inserts in first. Then push rear of the magazine in until **"click"** sound.

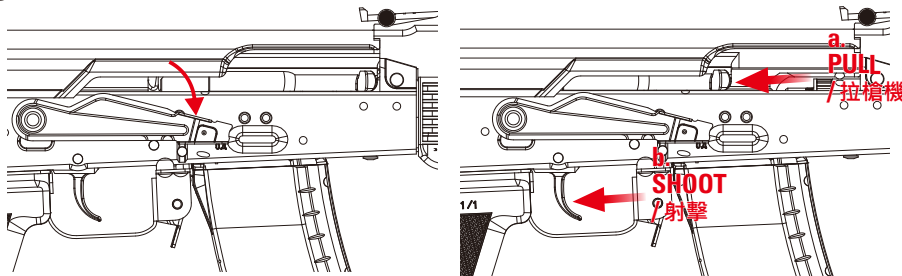
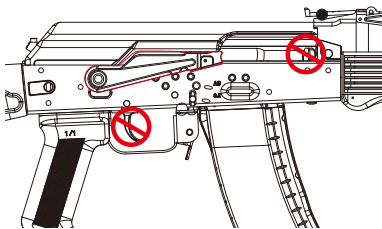
安裝彈匣時，請如圖所示，先將前端勾入彈匣井，再將後面插入，直到聽到**喀噠聲**彈匣卡上為止。



09-2 Safety Lever Operating / 射選操作與射擊

when safety lever is on safe, prevents charging handle and/or trigger from being pulled fully to the rear.

當射擊選擇片在保險時，無法拉動槍機拉柄，也無法扣動扳機。



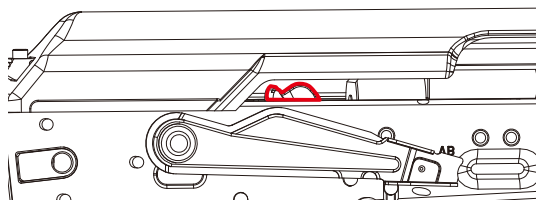
Select the safety lever to auto/semi position first, then pull the charging handle to load and shoot.

請先撥動射擊選擇片選擇射擊檔位，再拉動槍機拉柄上膛後射擊。

09-3 Complete Shooting / 完成射擊

When last BB is fired, hammer will be released.

當彈匣內BB彈射擊完畢，擊錘會自動釋放。



CAUTION: Do NOT Put Your Finger Into The Chamber, It's Dangerous.

注意：請勿將手指伸入槍膛內，造成危險。

09-4 Remove the Magazine / 卸除彈匣

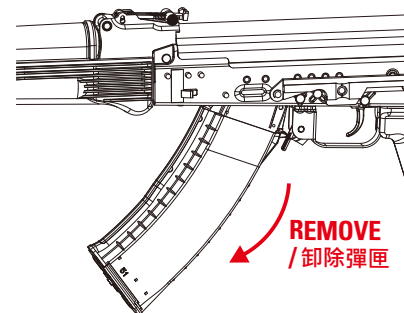
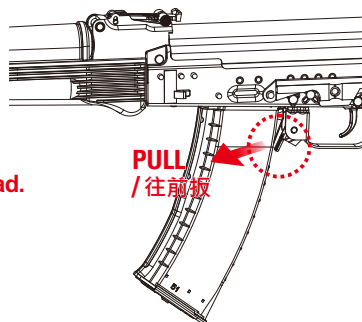
Press the magazine release and push magazine forward to remove the magazine.

向前扳動彈匣釋放鈕，並同時將彈匣由後往前卸下。

※When insert a fresh magazine, you will have to pull the charging handle again to load.
卸除彈匣後，如需繼續進行射擊，裝上新彈匣拉槍機上膛後，即可射擊。

WARNING:

Always Point The Muzzle In A Safe Direction.
始終將槍口指向安全方向。



10 - Short-Stroke Bolt Buffer Install / 短行程槍機檔塊安裝

Rate of fire can be increased by install Short-Stroke bolt buffer.

如需提升連發循環射速，可藉由安裝槍機檔塊來縮短槍機行程，進而提升循環射速。

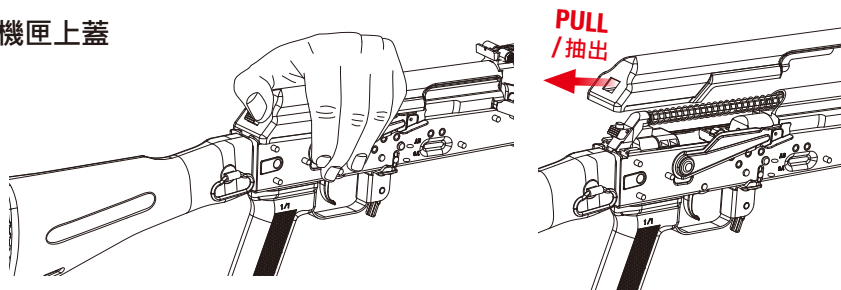
※ **Bolt Carrier is setting on Long-Stroke mode out of factory. Short-Stroke bolt buffer is included in the package.**

出廠設定為全行程，短行程槍機檔塊會附於槍盒包裝內。

10-1 Remove Receiver Cover / 卸除機匣上蓋

Please remove the magazine first, then push down receiver cover catch to remove receiver cover.

請先卸除彈匣，再以單手按壓機匣上蓋卡榫，方可抽出並卸除機匣上蓋。



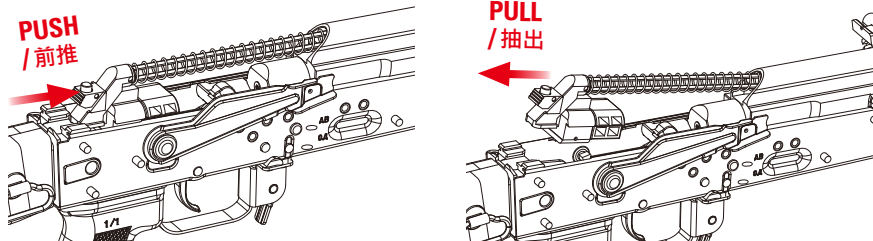
※ **Safety Rule: Before take apart your airsoft gun, always remove the magazine and select safety to safe first.**

基於安全原則，在做任何槍支分解操作時，均需先將射擊選擇片切換為保險模式並卸除彈匣。

10-2 Remove the Recoil Spring Assembly / 取出槍機複進簧組

Remove the recoil spring assembly by push it forward.

槍機複進簧組需先向前推，使其脫離卡口後，方可向後抽出整組複進簧組。



10-3 Install / 安裝

Place the Short-Stroke bolt buffer bump against recoil spring lug to install.

將短行程槍機檔塊凸耳朝後，水平插入槍機複進簧基座緩衝簧前端即可安裝完成。



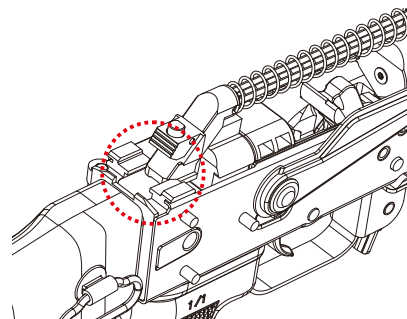
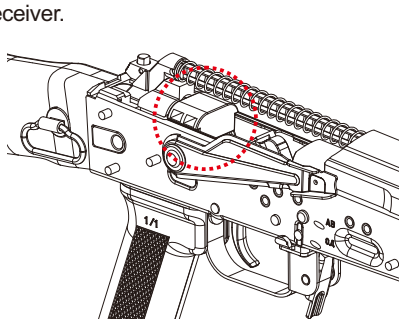
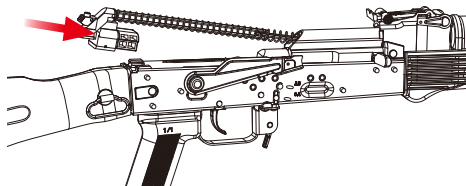
10-4 Recoil Spring Assembly Install / 安裝槍機複進簧組

Put recoil spring assembly back in receiver. Please Note:

1. Short-Stroke bolt buffer has to placed on top of receiver.
2. Recoil spring lug has to placed back into slot.

將槍機複進簧組安裝回去，並注意：

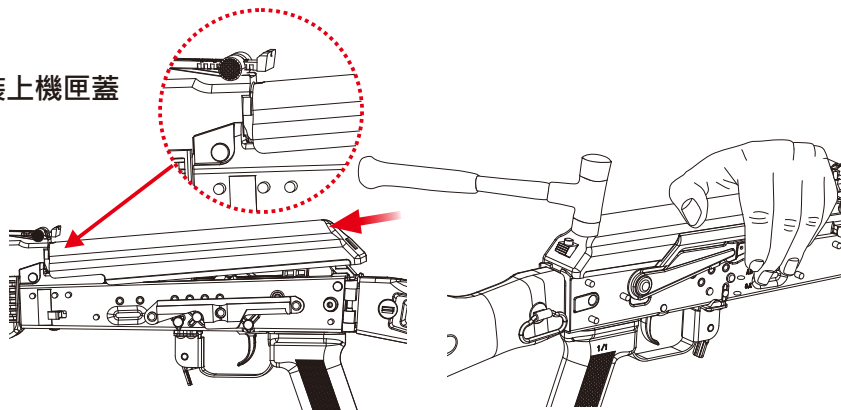
1. 緩衝塊需如圖卡於下機匣兩側平台上。
2. 槍機複進簧基座需卡入下機匣內卡槽中。



10-5 Install Receiver Cover / 安裝上機匣蓋

Please receiver cover front end into rear sight block, then press down receiver cover to close. If you find trouble to do so, use a rubber hammer to gently tap receiver cover would be helpful.

如圖插入上機匣蓋，並注意其前端需卡入照門座後緣卡槽內。



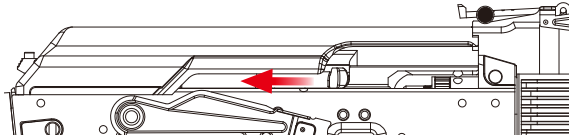
11 - Hop-Up System Adjustment / 上旋系統調整

Remove the magazine and pull charging handle to keep the bolt back to the rear. Adjust hop-up wheel as needed, it is a tool less system.

將彈匣卸除後拉開槍機拉柄，並用手將其固定在後，可直接於圖示槍膛處調整彈道上旋系統，無需任何工具可直接手動調整。

※Beware of your fingers when operate.

AK槍系的槍機無後定功能，因此操作時請注意手指安全。

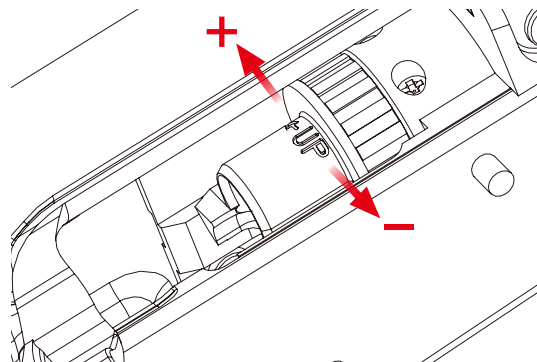


NOTE:

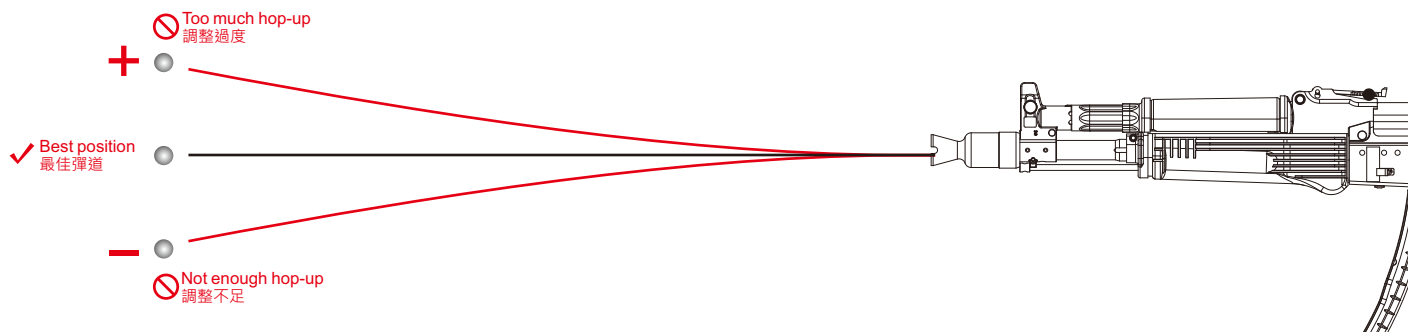
When safety lever is on safe, prevents charging handle from being pulled fully to the rear.

射擊選擇片於保險位置時無法拉動槍機拉柄；

擊錘就釋放位置時也無法拉動槍機拉柄。



12 - Adjust Hop-Up System Effect / 上旋系統調整效果



NOTE:

Never hold the gun sideways as BBs will curve right or left. This is due to the HOP UP system.

The best setting is where the BBs fly out horizontally and "flat". This will give you the best accuracy and range.

請勿翻轉或傾斜射擊你的槍，這會造成射出的彈道偏左或偏右，對於HOP UP系統設計，水平持握射擊是最好的射擊方式。

13 - Troubleshooting / 故障排除

Symptom / 徵狀	Cause / 原因	Action / 解決方式
No operation at all. 操作沒有反應	1. No Gas in Magazine. 彈匣內沒有瓦斯。 2. Selector lever on safe. 射擊選擇鈕在保險位置。 3. Not loaded. 未上膛。 4. The Magazine is in low temperature. 彈匣溫度過低。 5. The pressure inside the Magazine is too high. 彈匣內壓力過高。	1. Unload the Magazine and filling the Gas. 卸下彈匣並填充瓦斯。 2. Turn the selector lever on semi/full auto sites. 將射擊選擇鈕轉至半自動/全自動射擊模式。 3. Pull the Charging handle, loading the rifle. 拉動槍機拉柄，使步槍上膛。 4. After extended or rapid fire, the Magazine will be in low temperature. Please, unload the Magazine until the Magazine temperature rises to normal. 射擊後，彈匣將處於低溫狀態。請卸下彈匣，靜待彈匣恢復常溫。 5. Do not use Gas which pressure is surpassed 12 Kg/cm². 請勿使用壓力高於12 Kg/cm² 的瓦斯。
Magazine leak. 彈匣漏氣	1. O ring aged. O環老化。 2. O ring broken. O環斷裂。 3. Charging valve broken. 彈匣灌氣口損壞。	1.2.3. Purchase the replacement part at your dealer. 向經銷商購買替換零件。
The recoil force decreases. 後座力變小	1. The Magazine is in low temperature. 彈匣溫度過低。 2. The gas pressure is insufficient. 瓦斯氣體壓力不足。 3. Lubrication insufficiency. 潤滑不足。 4. Bolt O ring broken. 槍機O環破損。	1. After running fire, the Magazine will be in low temperature. Please, unload the Magazine until the Magazine temperature rise to normal. 射擊後，彈匣將處於低溫狀態。請卸下彈匣，靜待彈匣恢復常溫。 2. Unload the Magazine and refill the gas. 卸下彈匣並重新填充瓦斯。 3. The moving part needs lubrication. 可動部件需要潤滑保養。 4. Purchase the replacement part at your dealer . 向經銷商購買替換零件。
The BB trajectory isn't straight or accurate. 彈道不穩定	1. Too much hop setting. hop旋鈕調整過度。 2. Inner Barri or Hop parking contaminated by oil or dirt. 槍支內管或HOP橡皮內有灰塵或油污。 3. Worn or damaged hop parking. HOP橡皮磨損或毀壞。 4. Improper or too large size BB bullets. 使用不合適或太大的BB彈。	1. Gradually return adjustment lever towards normal. 漸趨調節使彈道平穩正常。 2. Clean the oil or dirt. 清潔灰塵或油污。 3. Purchase the replacement part at your dealer . 向經銷商購買替換零件。 4. Use the quality BBs. 使用優質BB彈。

If you have any other issues, please contact your dealer, or write us at service@vegaforce.com.tw
 如果您有其它問題，請向您購買的經銷商聯繫或寄電子郵件至我們公司信箱service@vegaforce.com.tw





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