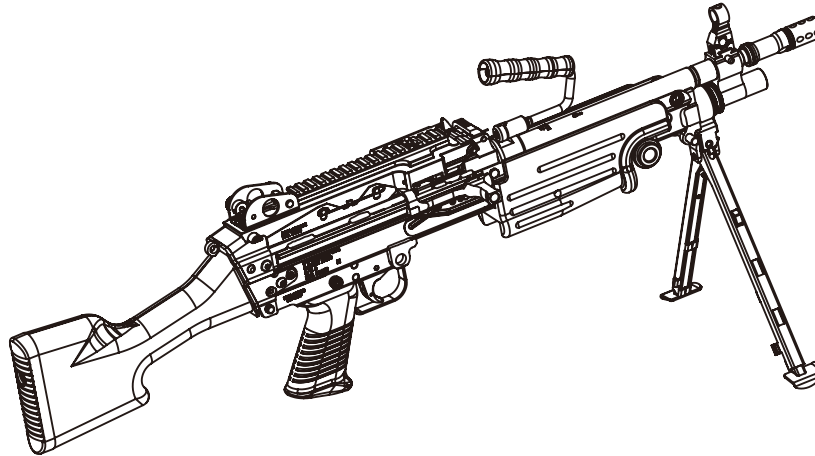


ITEM NO. VF2-LM249-BK01

**OPERATOR'S MANUAL
MACHINE GUN, 5.56mm, M249
GAS BLOWBACK MACHINE GUN**



CAUTION / WARNING: Do not brandish or display this airsoft gun in public it confuse people and may be a crime. Police and others may think this airgun is a airsoft .
Do not change the coloration and markings to make it look more like a firearm. This is dangerous and may be a crime.
Adult supervision is required. Misuse may cause serious injury. Especially to the eye. Protection designed for airsoft guns must be worn by the user and any person within range. (May be dangerous up to 200 meters.)
Read this Operator's Manual before using.

VEGA FORCE INTERNATIONAL CO., LTD.

JULY 2023

Caution / Warning 注意事項 / 警告

- Always wear eye protective gear.
始終配戴護目鏡
- You may be punished if you are shooting for practical jokes.
若隨意用玩具槍開玩笑可能會觸及法律
- Never shoot the gun at places where people and cars pass cross.
切勿在有人及汽車經過的地方開槍
- Never aim or shoot a person or animal as a target.
切勿將人或動物做為目標射擊
- Never look into the gun muzzle.
切勿直視槍口
- Always direct the muzzle towards a safe direction.
始終將槍口朝向安全位置
- Avoid pulling the trigger carelessly.
避免不小心拉動扳機
- Please keep your fingers away from the trigger, except when you are ready to shoot a target.
除準備射擊目標外，請不要將手指放在扳機上
- Always put the gun in a case or bag when you are carrying it.
攜帶槍枝時請將其放在箱子或袋子中
- Keep out of reach of children.
請將本品放在兒童無法觸及的地方

⚠ CAUTION:

Do not brandish or display this airsoft gun in public- it could confuse people and may be a crime. Police and others may think this airgun is a firearm.

請勿在公共場所揮舞或展示玩具槍，以免造成他人困擾及恐慌，警察與其它民衆可能會認為玩具是真槍，並可能構成犯罪行為。

Do not change the coloration and markings to make it look more like a firearm. This is dangerous and may be a crime.

請勿變造玩具槍的外觀與機構，使玩具槍更像真槍，此為非法行為。

Adult supervision is required. Misuse may cause serious injury. Especially to the eye. Protection designed for airsoft guns must be worn by the user and any person within range.

(May be dangerous up to 200 meters.)

未成年使用時需有成人監督。錯誤操作可能造成嚴重傷害，特別是眼睛。使用者與周遭的人務必配戴護目鏡。使用請保持安全距離(最高200米)。

Read this Operator's Manual before using.

使用前請詳閱操作說明書，避免發生危險。

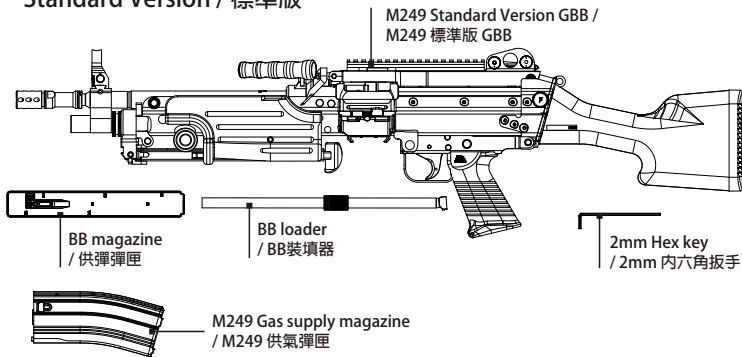
Specification / 諸元

Standard Version / 標準版

- Overall / 標準版： 1009 mm
- Inner Barrel / Inner Diameter : 360 mm / 6.05mm
內管長 / 直徑：
- Weight / Gas supply magazine Weight : 3800 g / 378 g
本體重量 / 供氣彈匣重量：
- BB size / BB彈規格： 6 mm
- Capacity / 裝彈數： 100 round (max175)
- Energy / 動能： 1.4J

Contents / 內容物

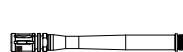
Standard Version / 標準版



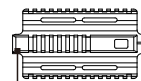
Accessories / 其它配件：

a. User Manual / M249 GBB說明書

Optional / 選配



M249 Extend out barrel / M249 延伸槍管組



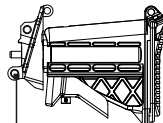
M249 Rail handguard / M249 戰術下軌道



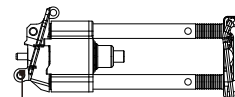
M249 175 round BB magazine / M249 175發彈匣 (3入)



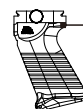
M249 Gas supply magazine / M249 供氣彈匣



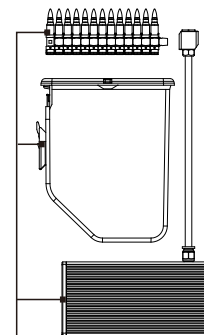
M249 Collapsible stock kit / M249 伸縮托



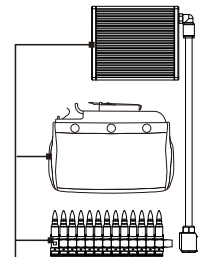
M249 Para stock kit / M249 傘兵托



M249 Front grip kit / M249 前握把

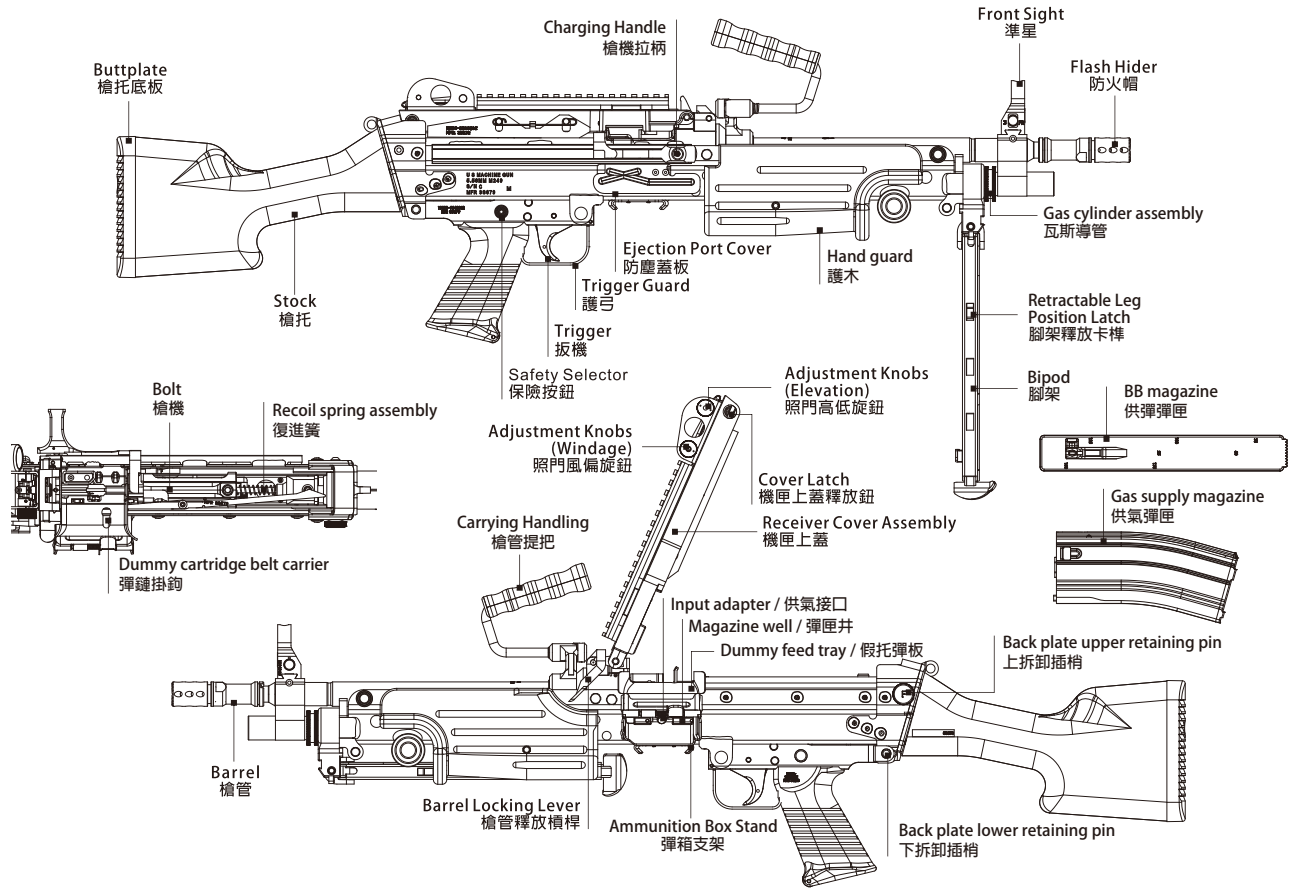


M249 GBB Gas supply plastic ammo box / M249 供氣彈箱



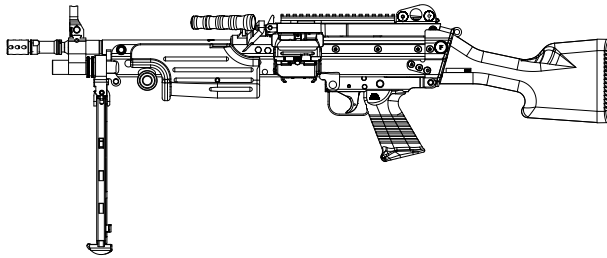
M249 GBB Gas supply ammo pouch (TN/GR) / M249 供氣彈袋 (沙色/迷彩)

Component Name / 組件名稱

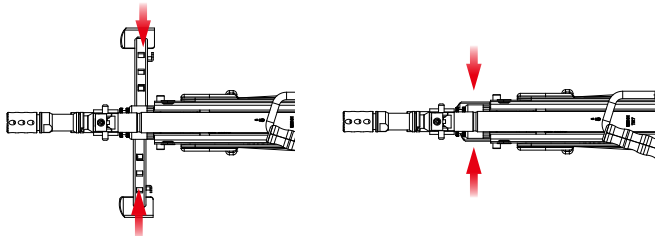


Bipod Operation / 腳架操作

a. Bipod Folding / 腳架摺疊

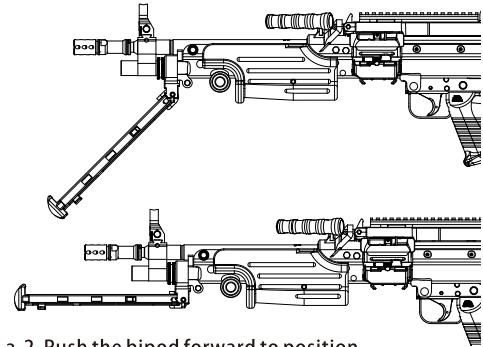


CAUTION : When operating the bipod, please be careful of your hands being trapped or pinched.
操作腳架時請小心夾手。
This is an airsoft gun replica,
please don't use it roughly.
此為玩具槍結構，請勿過於粗暴使用。

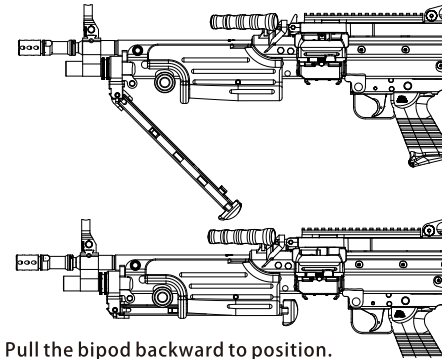


a-1. Squeeze the bipod.
按住腳架將其內壓

Notice:
The bipod need to be squeezed before any operating.
腳架操作不論前推或後推，都需要先將腳架內擠，才能進行。



a-2. Push the bipod forward to position.
往前推至定位

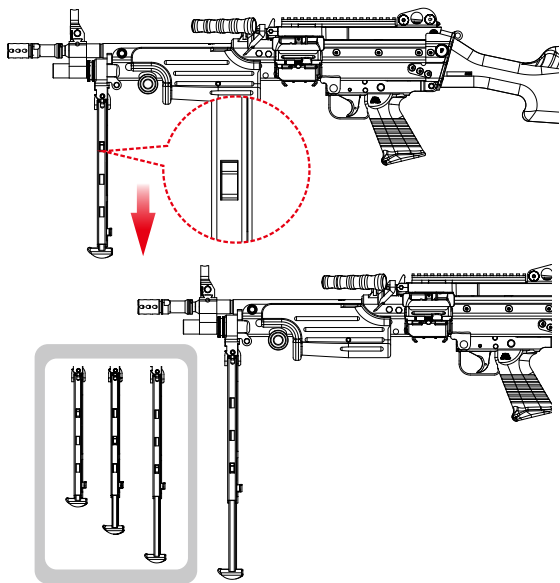


a-3. Pull the bipod backward to position.
往後推至定位

Notice:
The bipod has two hook-shaped tenons to fix it on the handguard.
腳架後推收納時，請注意要將腳架卡鉤卡入護木內固定。

Bipod Operation / 腳架操作

b. Bipod Telescoping / 腳架伸縮



b-1. Press the bipod position latch and pull bipod straight down, make sure the position latch locks into position.

請按壓腳架伸縮卡榫並將腳向下拉開至定位，
確認腳架伸縮卡榫已確實卡住。

Notice:

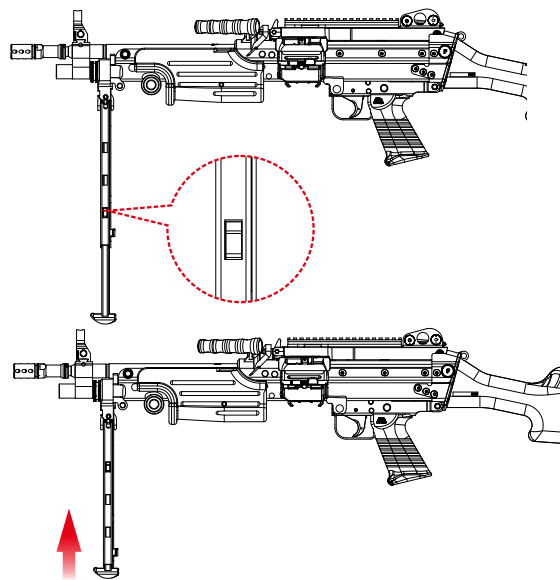
The Bipod has three-stage adjustment position.
腳架伸縮有三個段位可供調整。

CAUTION : When operating the bipod, please be careful of your hands being trapped or pinched.

操作腳架時請小心夾手。

This is an airsoft gun material and structure,
please don't use it roughly.

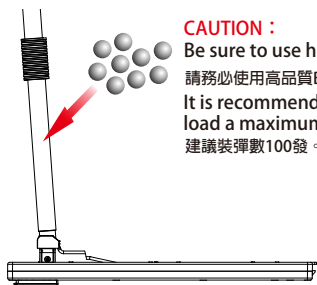
此為玩具槍結構，請勿過於粗暴使用。



b-2. Press the position latch, and squeeze the bipod to retract it.

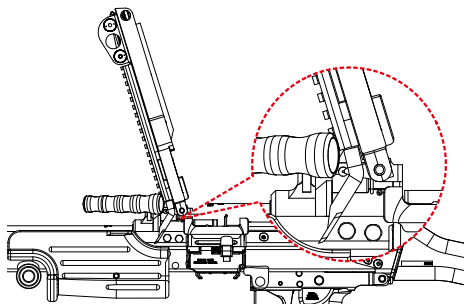
按下伸縮卡榫並將腳架內推以收起腳架

BB loading / BB彈裝填

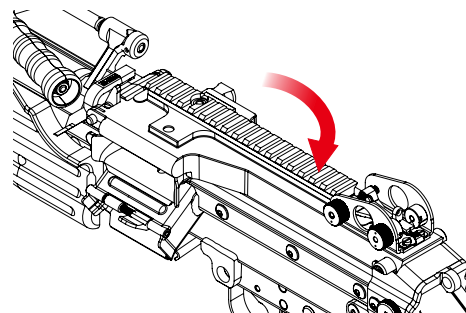


CAUTION :
Be sure to use high-quality BBs.
請務必使用高品質BB彈。
It is recommended to
load a maximum of 100 BBs.
建議裝彈數100發。

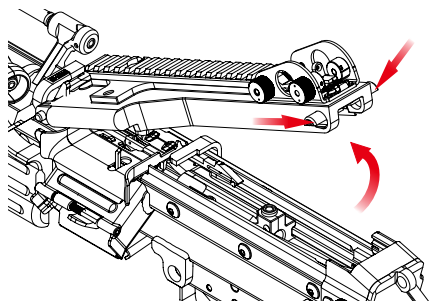
1. Loading the BB magazine: use the BB loader to loading.
供彈彈匣填裝：使用BB裝填器將BB彈填入彈匣內。



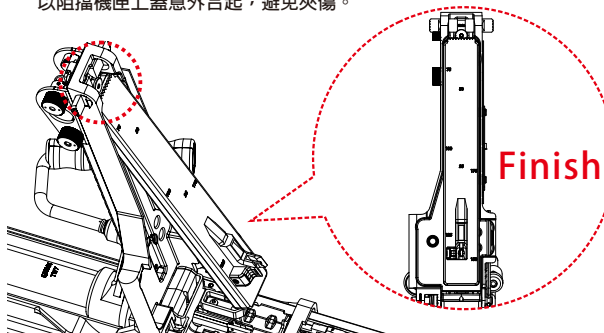
3. When opening the receiver cover, please push the barrel locking lever forward to the lock position for a void accidental closing and causing pinch injuries.
開啟機匣上蓋時請推至槍管拆卸橫桿向前，以阻擋機匣上蓋意外合起，避免夾傷。



5. Close the receiver cover.
關閉機匣上蓋完成動作。



2. BB magazine installation:
Press the cover latch to open the receiver cover.
供彈彈匣安裝：按壓左右兩側的機匣上蓋釋放紐，打開機匣上蓋。



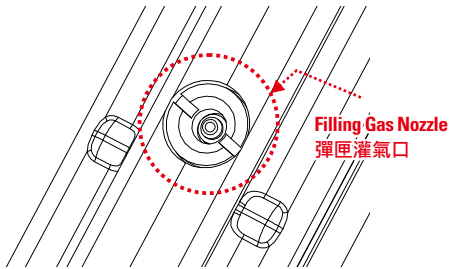
4. Align the magazine latch with the receiver cover to install.
將彈匣卡鉤對準彈匣卡槽，將彈匣固定於上機匣蓋。

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

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！

Filling the Gas / 填充瓦斯



1. 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。

NOTE :

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. Gas may explode if exposed to temperatures exceeding 50 °C.
 4. Do not smoke, keep away from naked flames. The gas is highly inflammable.
 5. Check canister for any cracks or leaks before using.
 6. Do not boil canister.
 7. Keep canister away from direct sunlight.
 8. 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. 如果暴露在超過攝氏50度的溫度下，可能導致瓦斯氣體過度膨脹或爆炸。
 4. 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。
 5. 使用前，請檢查瓦斯罐是否有裂紋或洩漏。
 6. 請勿加熱瓦斯罐。
 7. 瓦斯罐請避免陽光直射並存放於室內陰涼處。
 8. 請勿將瓦斯罐留在車內。



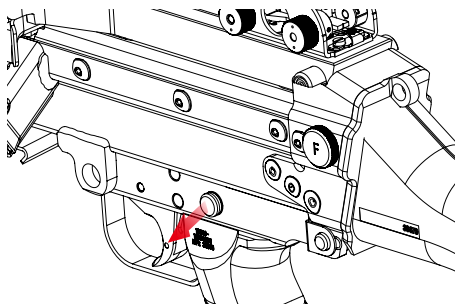
2. Fill the gas supply magazine (around 15g).

將供氣彈匣灌氣(約灌入15g瓦斯)。

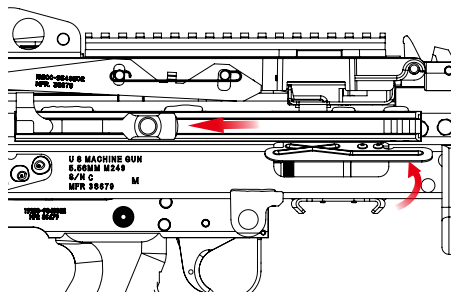
CAUTION:

Do not press the input or output valve to release the gas from the magazine.
請勿直接按壓彈匣灌氣嘴或彈匣供氣接口，
釋放彈匣內剩餘瓦斯。

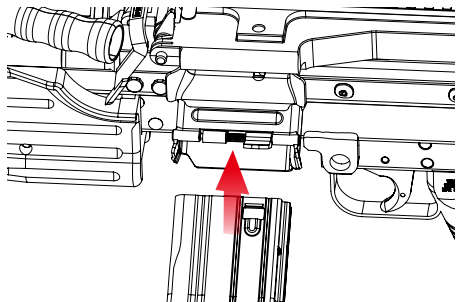
Gas supply magazine installation / 氣槽安裝



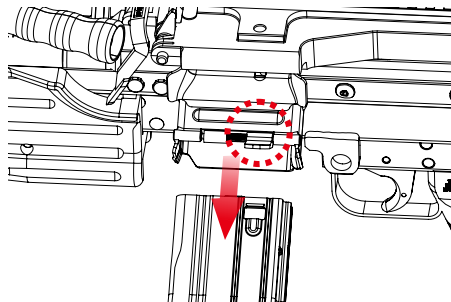
1. Push the safety selector from right to left, the red mark should be visible on safety. (ready to fire)
按壓保險鈕，確定保險已關閉。



2. Pull the charging handle to lock the bolt to the rear, then reposition the charging handle.
拉動槍機拉柄並復位，確定槍機已固定在後並打開防塵蓋板。

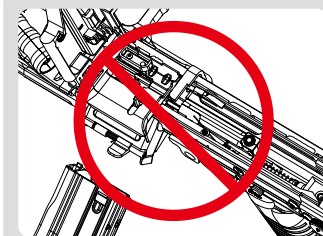


3. Insert the gas supply magazine into magazine well.
將供氣彈匣對準供氣接口插入彈匣井。



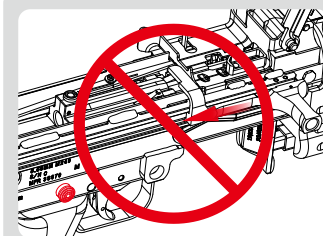
Gas supply magazine remove / 卸除氣槽

1. Depress the magazine release tab and remove the magazine
按壓彈匣井防塵蓋，卸除供氣彈匣。



CAUTION:

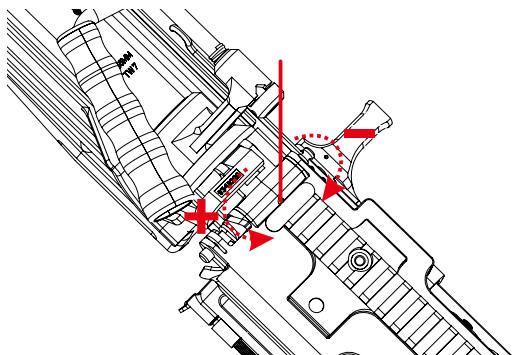
When the bolt is in the front position, do not insert any power supply parts to avoid unintentional fire.
當槍機位置在前時，請勿插入供氣部件，避免造成誤擊。



CAUTION:

When the safety is on, do not pull the charging handle to avoid the mechanical damage.
請勿在保險開啟時拉動槍機，避免造成機構損壞。

Variable HOP-UP System / HOP-UP調整系統



1. Use a 2mm hexagon wrench to insert the HOP UP adjustment hole.
將2mm六角扳手插入HOPUP調整孔。
Rotate counterclockwise to make HOP DOWN,
Turn clockwise to make HOP UP.
向左旋轉HOPDOWN，向右旋轉HOPUP。

CAUTION :

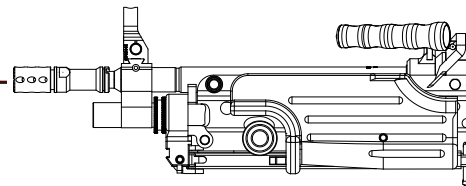
The best position is where the bbs fly horizontally and the longest flying distance is obtained.
最佳彈道為BB彈水平飛行並獲得最長飛行距離

Never hold the gun sideways as the BB will curve right or left. This is due to the Hop-Up system.
請勿側握持槍，由於HOP-UP系統，彈道將會偏左或偏右。

Too much hop up may cause BBs to jam. Damage and malfunctions will occur with the gun.
Hop調整過度有可能造成BB彈卡彈。過度調整Hop有可能造成損壞或故障。

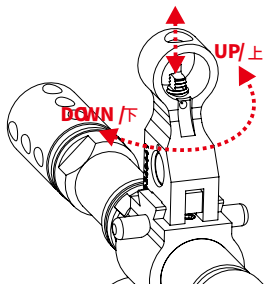
Adjust HOP effect / 調整HOP-UP效果

- ⊘ Too much hop-up 調整過度 +
- Best position 最佳彈道 ✓
- ⊘ Not enough hop-up 調整不足 -

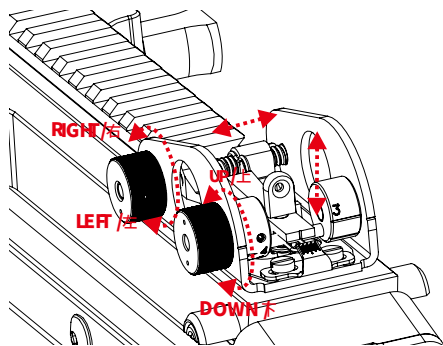


Sights / 準星照門

a. Front Sight / 準星

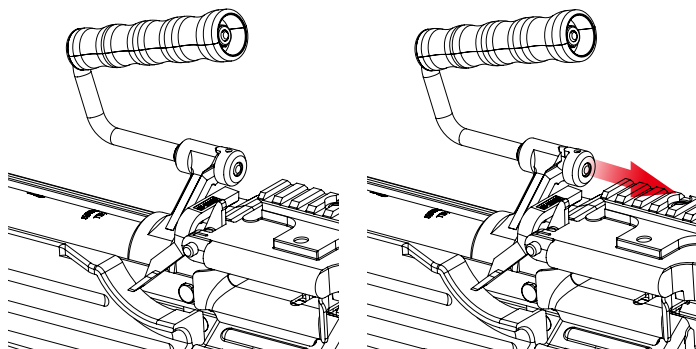


b. Rear Sight / 照門

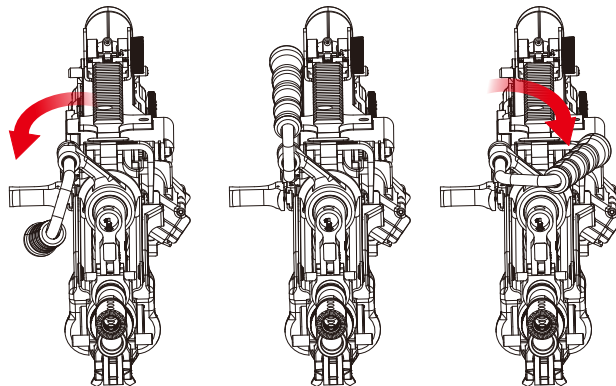


1.The front knob of the rear sight adjusts the windage, and the rear knob adjusts the elevation of the target hole.
照門前側旋鈕調整風偏，後側旋鈕調整視孔高低。

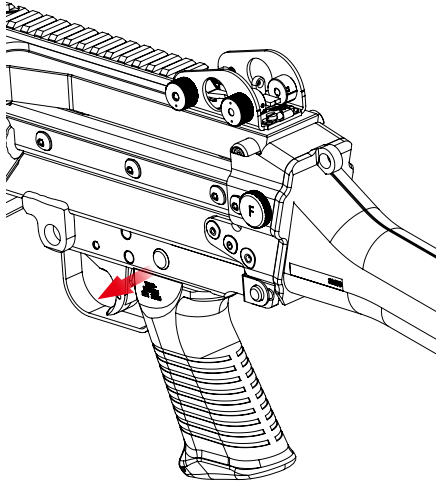
Carrying Handling / 提把



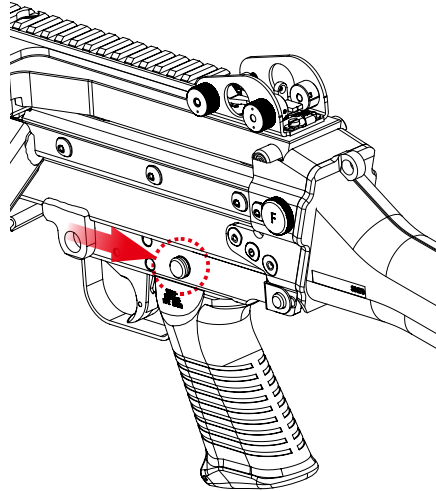
1.The carrying handling is adjusted in three stages.
When the carrying handling is in the middle section,
the carrying handling needs to be pulled out backwards.
提把共有三段式調整，當提把為中間段需將提把向後拉出。



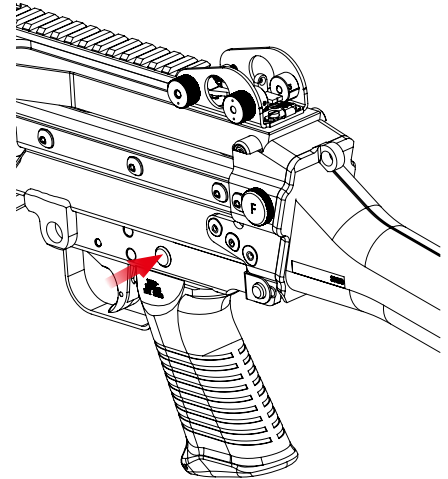
Shooting / 射擊



1. Push the safety to the left.
將保險紐向左推出。



2. When you see the red mark, you can pull the trigger and shoot.
看見紅色圓圈按下扳機即可射擊。

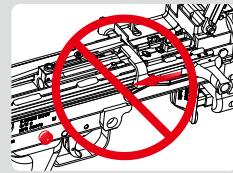


3. When the shooting is finished, push the safety to the right.
射擊完畢後將保險紐向右推入，保險開啟。

CAUTION:

Before you turn off the safety and prepare to shoot, please confirm the clearance in front of the muzzle and place your fingers on the side of the trigger guard.

關閉保險準備射擊前時請確認槍口前方淨空，並將手指置於護弓側。



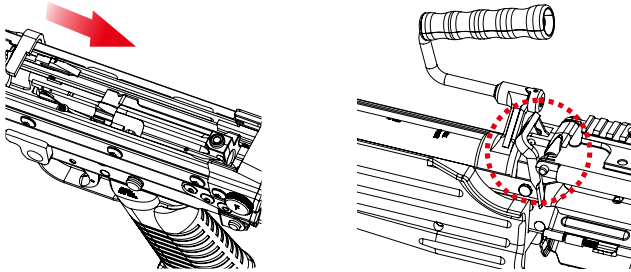
CAUTION:

When the safety is on, do not pull the charging handle to avoid the mechanical damage.

請勿在保險開啟時拉動槍機，避免造成機構損壞。

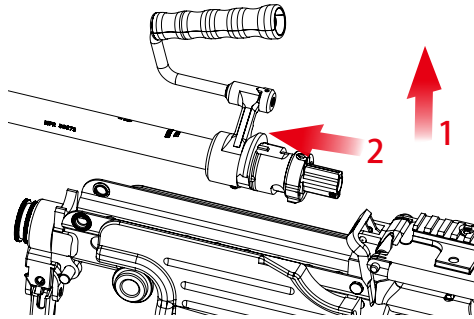
Barrel / 槍管

a. Barrel Disassembly / 槍管拆卸



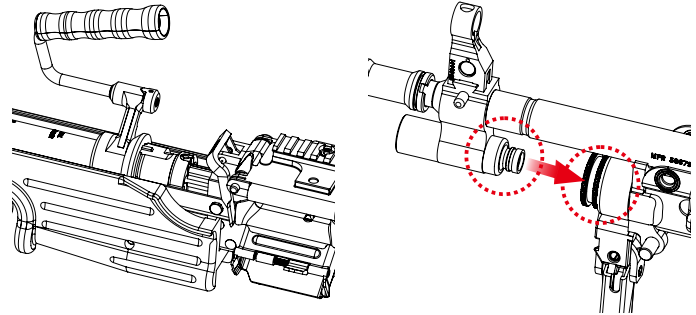
a-1. Pull the charging handle to lock the bolt to the rear, then reposition the charging handle.
拉動槍機拉柄並復位，
確定槍機已固定在後。

a-2. Lift the carrying handling up. Press the barrel locking lever backward.
槍管提把需定位在向上，
向後按下槍管拆卸槓桿。

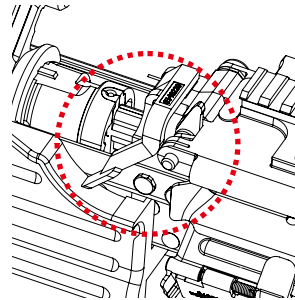


a-3. Lift the barrel up and pull the barrel forward.
將槍管提把向上提起，並順勢向前抽出槍管。

b. Barrel installation / 槍管安裝



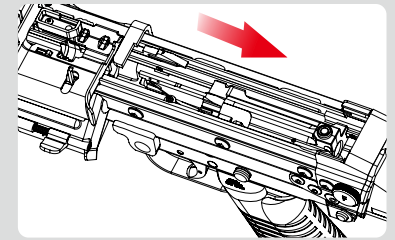
b-1. Insert the barrel directly into the receiver and confirm the alignment of the gas tube seat in front of the barrel.
直接將槍管插入槍身本體並確認槍管前方瓦斯管座對位。



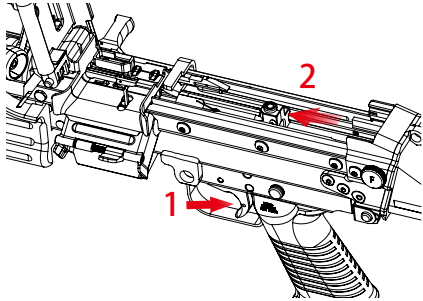
b-2. Push the barrel locking lever forward to position.
將槍管拆卸槓桿向前推至定位。

CAUTION :

Hold open the bolt before install/disassemble the barrel to prevent the barrel being stuck.
槍管安裝時，需先將槍機後定以避免卡住。

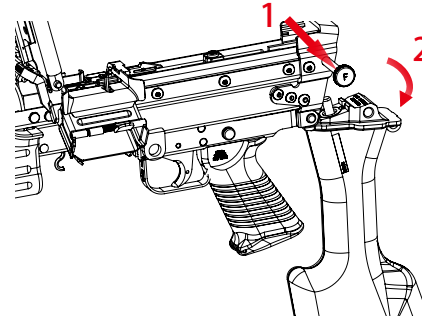


Bolt / 槍機



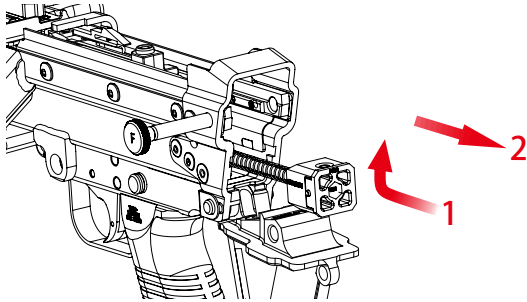
1. Make sure the bolt is block and the power source is removed.

扣壓扳機釋放槍機確定槍機處於閉鎖狀態，且已卸下供氣模組。



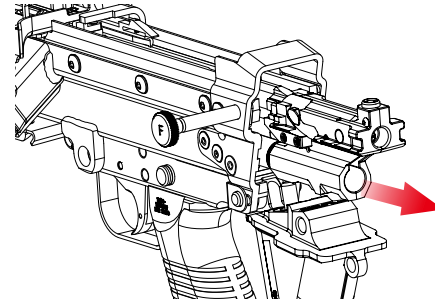
2. Pull out the upper retaining pin to fold down the stuck.

將上拆卸插梢抽開並將後托往下折。



3. Press the recoil spring to pull it up and out.

按壓復進簧後向上將其推出。



4. Take down the recoil spring assembly and pull out the bolt.

取下復進簧後，即可抽出槍機。

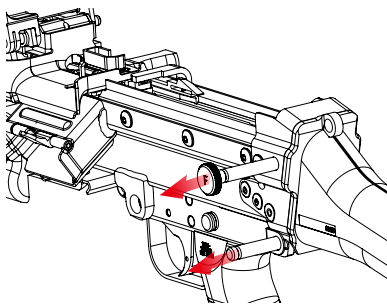
Notice:

When reinstall the bolt, keep pulling the trigger to reset it to the front, and then reinstall the recoil spring assembly.

將槍機裝回時，需扣壓扳機使將槍機恢復閉鎖狀態以便裝上復進簧。

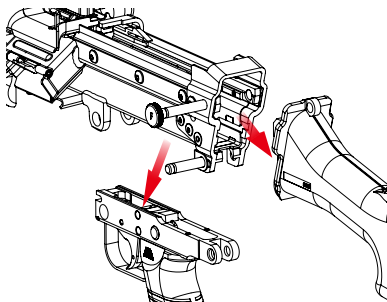
Trigger mechanism and stock

/ 槍托與握把



1. Pull out the upper and lower retaining pin.

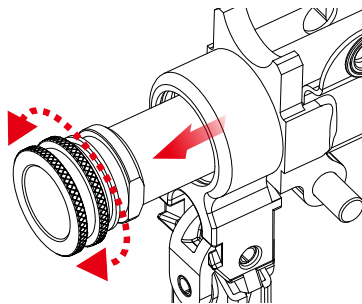
將上下拆卸插梢抽開。



2. Then trigger mechanism and back stock can be removed.

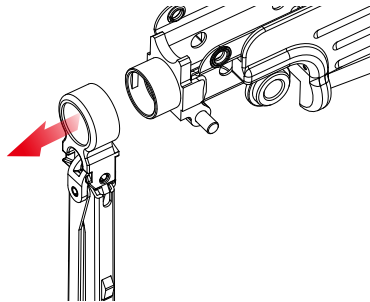
便可卸下後托與握把組合併。

Bipod / 腳架



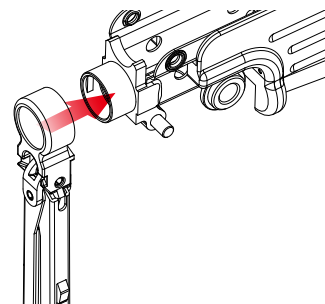
1. Rotate the gas cylinder assembly until it can be extracted.

腳架拆卸：轉動瓦斯導管至可抽出。



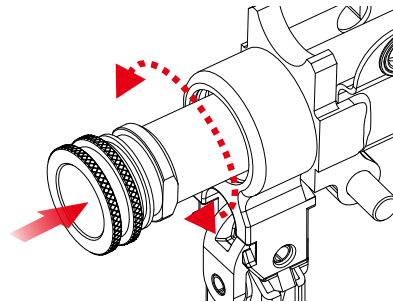
2. Then the Bipod can be removed.

抽出後即可將腳架卸下。



1. Install the tripod first.

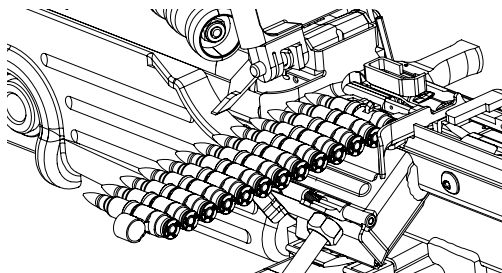
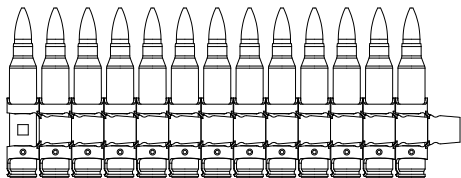
腳架安裝：先裝上腳架。



2. Align the notch to install the gas cylinder assembly and rotate until it fix.

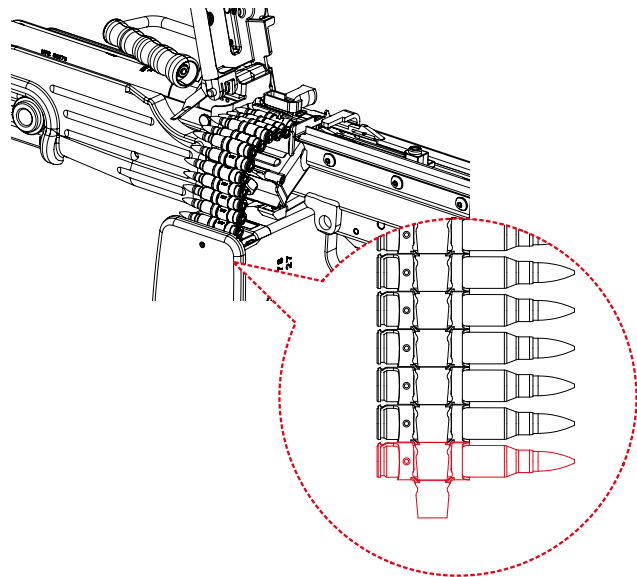
對準缺槽將瓦斯導管裝上並轉動至固定

Dummy Cartridge Belt Settings / 彈鏈安裝



1. Install the belt on dummy feed tray after installing the gas supply ammo box.

供氣模組安裝完成後，打開機匣上蓋將彈鏈安裝於托彈板上的掛鉤。



2. Insert the last dummy bullet into the ammo box.
將彈鏈尾端的模型彈卡入彈箱擋板。

CAUTION :

The Dummy Cartridge Belt of the dummy cartridge belt is for decoration only and has no function.

彈鏈僅裝飾用，無任何實際功能。

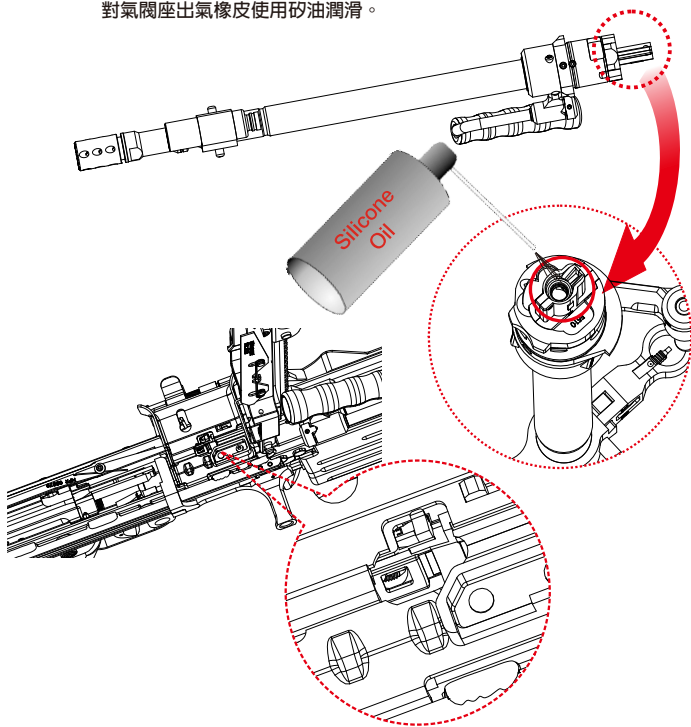
Troubleshooting / 故障排除

Symptom / 徵狀	Cause / 原因	Action / 解決方式
No operation at all. 無法動作	<ol style="list-style-type: none"> 1. Safety selector is set to safe. 保險鈕位置。 2. Charging handle position. 槍機拉柄位置。 3. Power source not filled. 供氣部件未填充。 	<ol style="list-style-type: none"> 1. Set the safety selector to fire. 將保險關閉。 2. Do reset the Charging handle. 確實復位槍機拉柄。 3. Make sure the power source has enough GAS/CO2. 確定供氣部件氣量。
Firing cycle become slow 射速過低	<ol style="list-style-type: none"> 1. Insufficient power. 供氣量不足。 2. Power source temperature too low. 供氣部件溫度過低。 	<ol style="list-style-type: none"> 1. Charge the power source. 定時補充動力。 2. Keep the power source at room temperature. 供氣部件於使用後需待回溫。
Can not load the BBs. 無法給彈	<ol style="list-style-type: none"> 1. BB feed stock. 彈匣軌道卡住。 	<ol style="list-style-type: none"> 1. Spray some silicone oil inside the BB magazine to lubricate. 於供彈彈匣內部噴上砂油潤滑。

If you have any other issues, please contact with your dealer or E-Mail 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

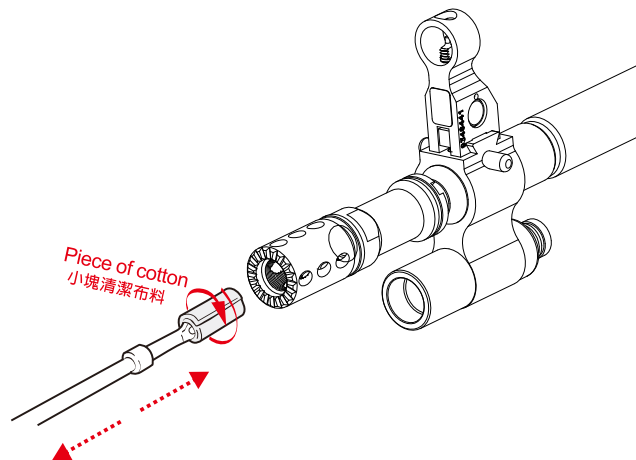
Maintenance / 保養維護

1. Remove the barrel.
將槍管拆卸下來。
2. Lubricate the HOP UP BB feeding port behind the barrel with silicone oil.
於槍管後方HOP-UP座進彈口，滴些許矽油潤滑。
3. Use silicon oil to lubricate the output rubber of the valve base.
對氣閥座出氣橡皮使用矽油潤滑。



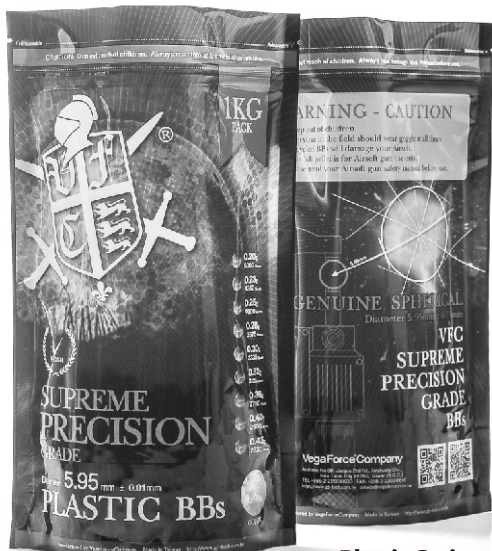
Barrel cleaning / 槍管清潔

1. Remove the barrel.
將槍管拆卸下來。
2. Use the cleaning rod to clean the inner barrel.
使用通槍條清潔槍管。



CAUTION :

Never use Mineral oil based lubricants.
切勿使用礦物油做潤滑。



Plastic Series

**1KG
PACK**

SUPREME PRECISION GRADE BBs

For Your Gas Rifle And Pistol 100% Made In Taiwan

Diameter
5.95mm
± 0.01mm



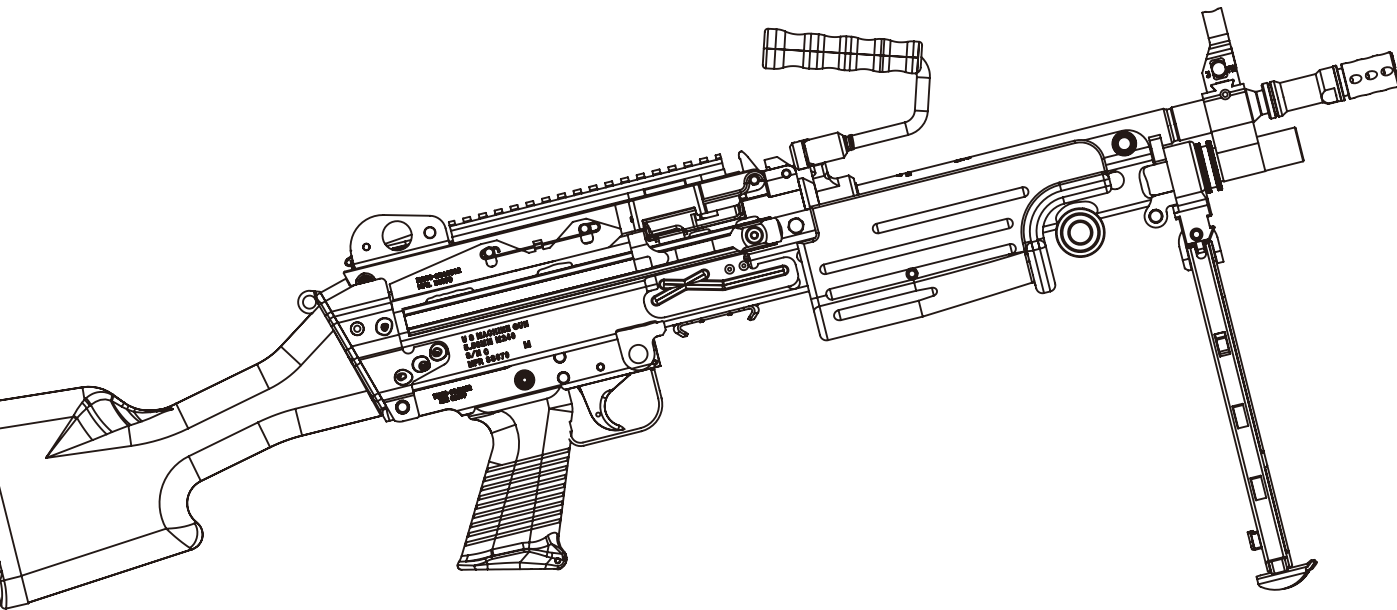
BIO Series



COMPOSTABLE

CERTIFICATIONS:

Biodegradable Test Report ISO 14855-1 in connection with DIN EN 13432
 Certified EN71 part 3:2013
 Compliant with ASTM D-6400-99 "Standard Specifications for Compostable Plastics"



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