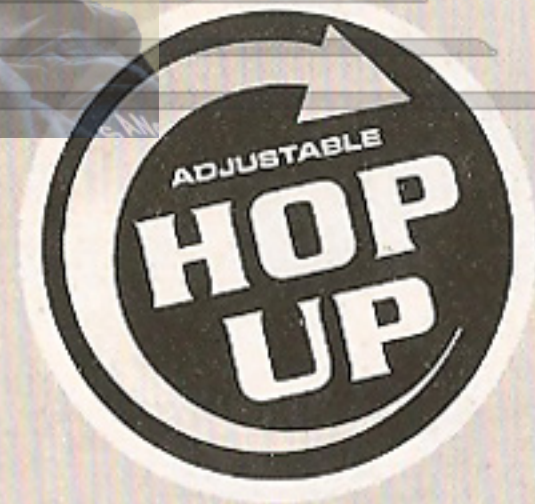


CM.027-A4

INSTRUCTION MANUAL
使用說明書



Users restricted to
18 years of age or older
使用年齡對象**18**歲以上



AUTO ELECTRIC GUN

ELECTRIC AIR GUN 電動汽彈槍		
Name	名稱	CM.027-A4
Overall length	全長	710mm
Weight	重量	1925g
Magazine capacity	裝彈數	Filled way of loading the magaxine 充填式彈匣: 45 rounds (發) Hinged semi automatic magazine 鏈帶式彈匣: 180rounds(發)
Bullet	子彈	6mm BB bullets (6mmBB彈)
Initial bullet speed	初速度	85m/s
Full auto shooting speed	連射速度	750 to 850 rounds/min 750~850發/分

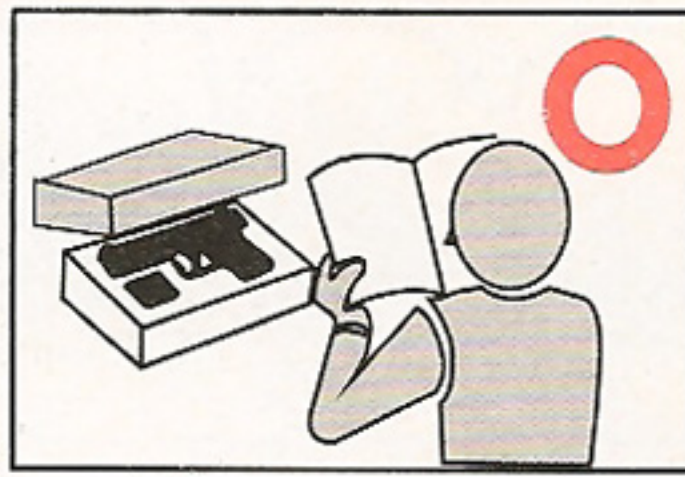


WARNING

警告



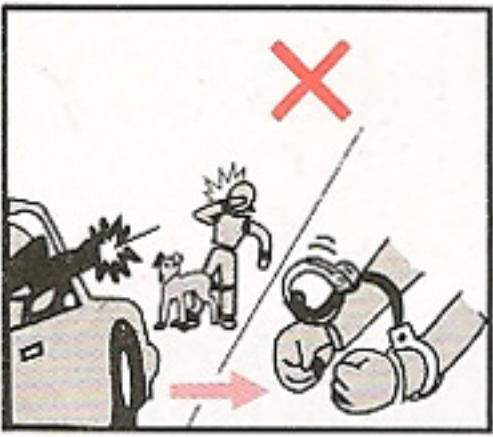
Wear protective eye wear & face mask when using airsoft guns.
當使用汽彈槍時，請戴上防彈眼鏡和面具。



Read and understand the operating and safety manual before using your airsoft guns.
在使用汽彈槍前，請先閱讀和理解操作安全手冊。



Do not look directly into the gun barrel to avoid accidental discharge of BB.
不要直接地看槍管，避免BB彈意外發射。



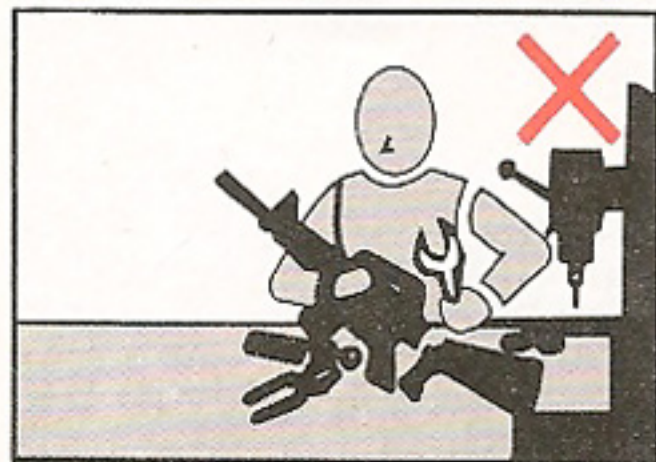
You may be punished if you damage public or personal properties or injure a person or animal even if you are shooting for a practical joke. Always observe manners and enjoy healthy sport shooting.

如果你損害公共的或私人的財產，或者傷害人或動物，即使你是在進行射擊實踐遊戲，你也會受到懲罰。請始終遵守規矩，享受有益健康的運動射擊。



Never aim or shoot a person or animal as the target. Always attach the protective plug to the muzzle, except when you are ready to shoot a target.

不可把人或動物當作目標瞄準或射擊。始終系上槍口的防護塞，除非你準備去射擊一個明確的目標。



This air gun is manufactured under consideration of appropriate performance and operability. Disassembling or modifying the gun may generate danger or adversely affect the performance. So, avoid disassembling or modifying the air gun.

該氣槍是根據適當的性能和操作性而制造的。拆除或改裝氣槍可能產生危險或者逆反操作。因此要避免拆除或改裝該氣槍






- Please read the instructions carefully before use. (Please read the Notice in details.)
- Please retain the instructions for future reference. Don't use it improperly or refit the air gun.
- 使用前請先完整閱讀說明書（注意部份請詳細閱讀）
- 保存好此說明書以供日后使用參照
切勿錯誤使用或改裝汽彈槍

在操作之前必需讀熟這些說明書
Always read through this manual before operation.



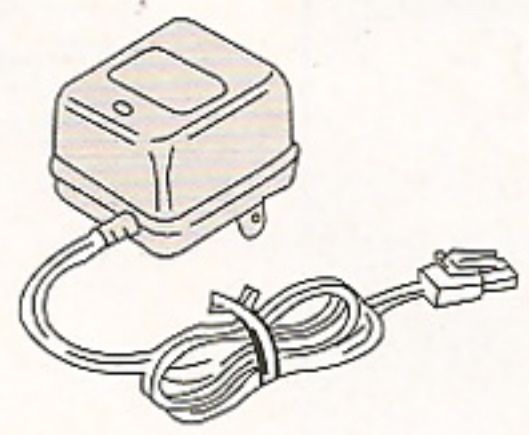
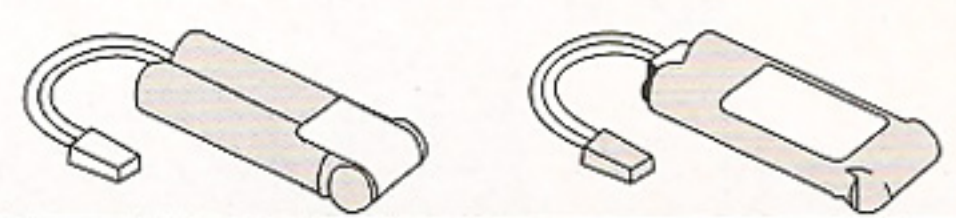
警告 WARNING

 <p>18岁以上年齡才能使用 Only for 18 years of age or older</p>	<p>18岁以上年齡才能利用这支汽枪比赛使用 Operation of this air gun for competition use is restricted to users of 18 years of age or older.</p>
 <p>注意受损伤 Injury caution</p>	<p>因为BB 弹能达到40-50米范围, 不小心的射击将可能导致眼睛受损伤或其它伤害。 Since plastic BB bullets reach 40 to 50 meters, careless shooting may cause eye damage or other injuries.</p>
 <p>注意熟读警告指示手册 Careful reading of Handling cautions and Instruction manual</p>	<p>在操作之前要细心读熟警告手册和指示手册操作汽枪时必须认识好警告指示 Always read through this HANDLING CAUTION AND INSTRUCTION MANUAL carefully before operation. Operate the air gun with full recognition of warnings and cautions.</p>



● 8.4v Ni-cd battery
8.4伏的鎳鎘電池

● Exclusive charge for mini battery
鎳鎘電池專用的充電器。



Use the specified battery for the gun
8.4V 1200mAh hyper command mini battery
使用槍支的專用電池，8.4伏1200毫安的鎳鎘電池。

Use the specified battery charger which is applicable to the above battery.
使用專用的電池充電器對以上電池進行充電。

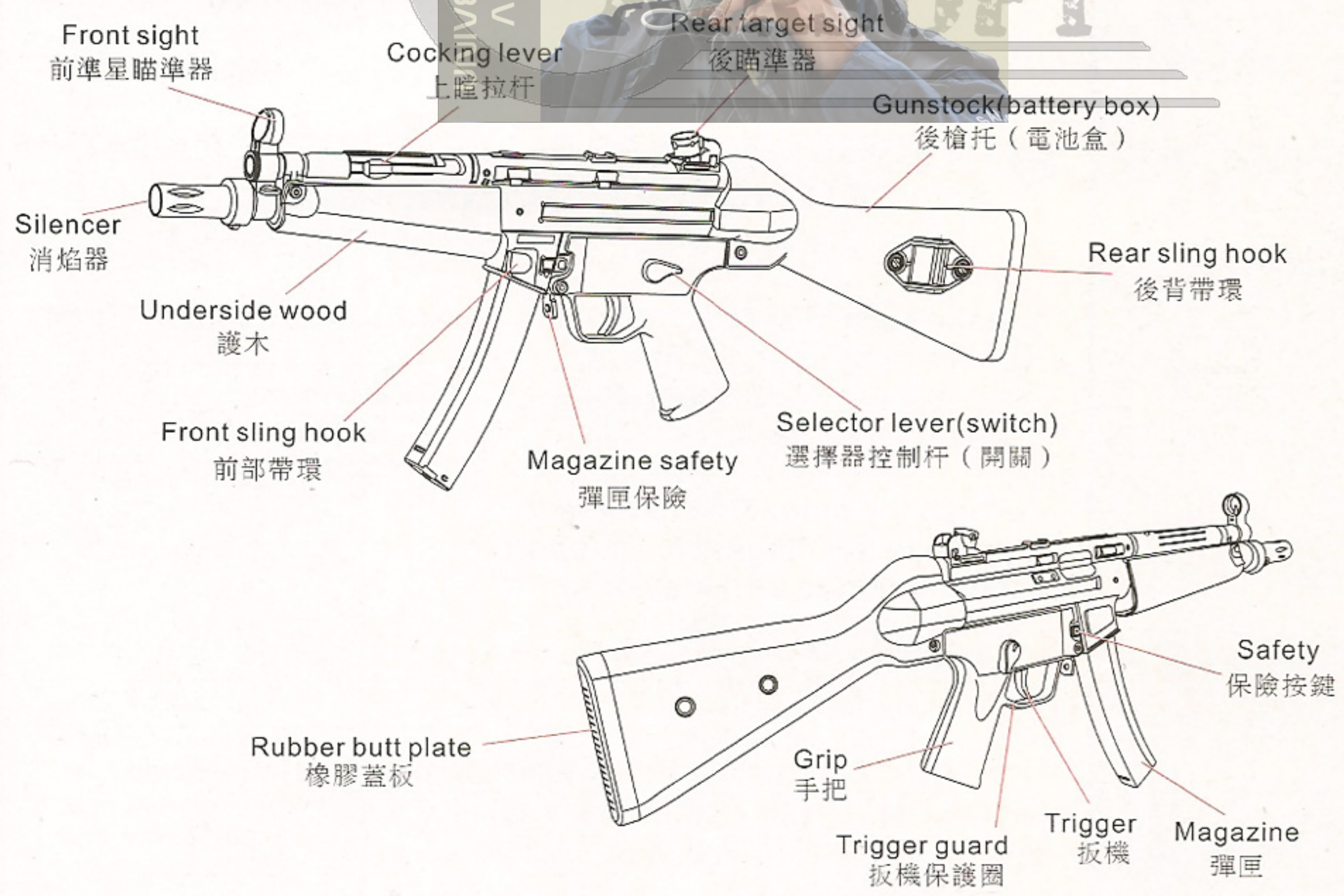
● Ni-cd battery discharger
鎳鎘電池充電器

The battery capacity power is increased with use of the Ni-cd battery discharger (sold separately)
使用鎳鎘電池充電器會增加電池的能量。（有單獨銷售）

Use the correct battery and charge according to respective instruction manuals. We will not be responsible for any accidents or damage caused by wrongful or usage of non-specified batteries.

請根據使用手冊使用專用的電池和充電器。如果沒有按照說明書操作或者使用非專用的電池而引起的事務或傷害，我們將不負任何責任。

1 COMPONENT NAMES 各部名稱



WARNING • CAUTION

警告 • 注意

- Never operate the Selector while pulling the trigger. Otherwise, malfunctions are possible, resulting in accidents.

在按扳機的時候不能操作選擇器，否則可能造成故障，引發事故。

- Pulling the trigger with the Selector being set to safe may damage the gun.

選擇器調在安全“safe”這一位置時，如按扳機可能損壞槍支。

2 SELECTOR LEVER AND SAFETY SETTING

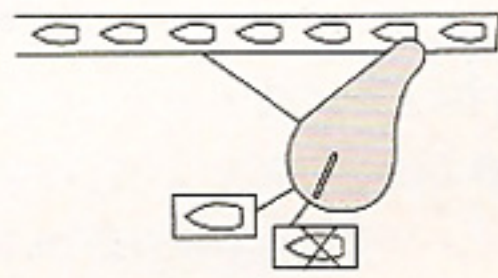
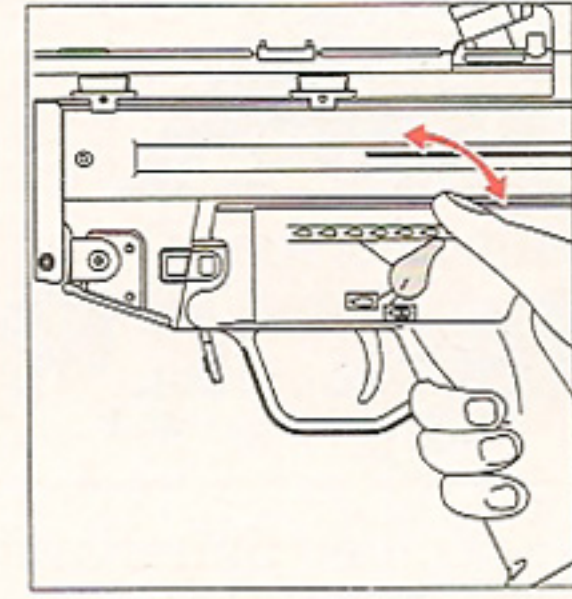
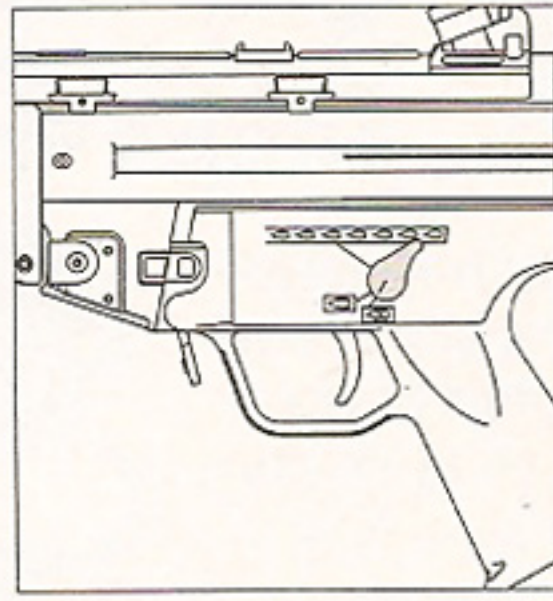
(Always set the safety lever to SEAF until immediately before firing.)

選擇控制杆和安全裝置 (射擊之前把保險杆調到“SEAF”這一位置。)

CAUTION:
注意

Set the selector lever correctly in position; otherwise, malfunction may occur.

按正確方向調整發彈調節件，否則可能會導致意外發生

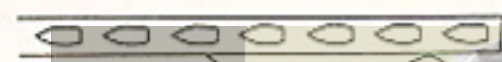


Safety setting 安全裝置

The trigger cannot be pulled. 不能扣下扳機

When you are not firing the gun or during storage always set the selector to the safe position.

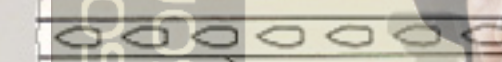
當你不射擊或在裝子彈時，請將選擇器設置在安全位置。



Semi automatic 半自動

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

每按一次扳機，氣槍將發射一發子彈。



fully automatic (automatic firing)

全自動 (自動射擊)

The gun will fire automatically while the trigger remains pulled.

每按一次扳機，氣槍將連續射出子彈

3 LOADING OF THE BB BULLETS TO THE MAGAZINE AND SETTING THE MAGAZINE

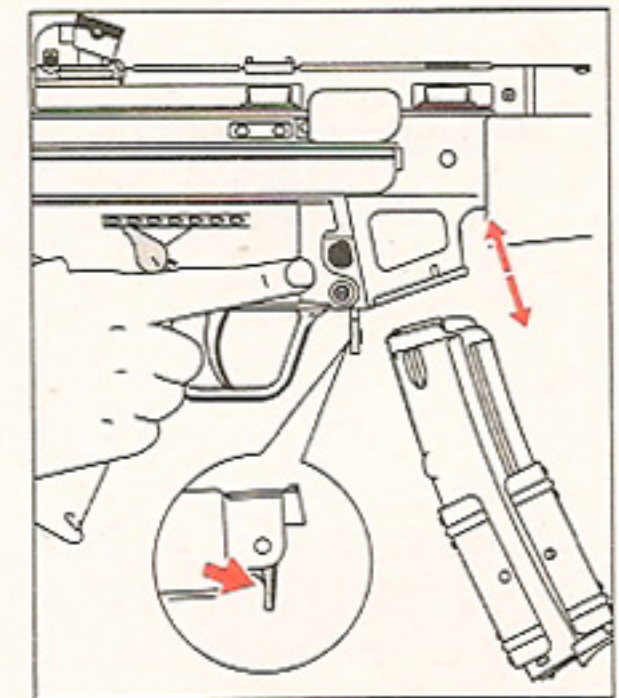
請在彈匣里裝上子彈，然後把彈匣安裝在槍支上。

1. Make sure to set the magazine upwards and connect it firmly until a click sound is heard.

確保彈匣朝上并將其牢固地連接起來直到聽到咯噠一聲。

2. Press the magazine release to remove the magazine. (support the magazine as it may drop.)

按下彈匣保險以拆下彈匣。
(托緊彈匣以免它掉下來)



HINGED SEMI AUTOMATIC WAY OF LOADING THE MAGAZINE WITH BULLETS

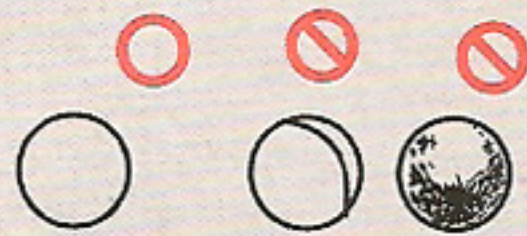
鏈帶式半自動彈匣裝彈方式

WARNING • CAUTION

警告 • 注意

- Always use the BB Bullets for the air gun.

这种气枪只能使用质量好的BB弹



We shall not be held responsible for any damage or accidents arising from the use of bullets supplied by other manufacturers.

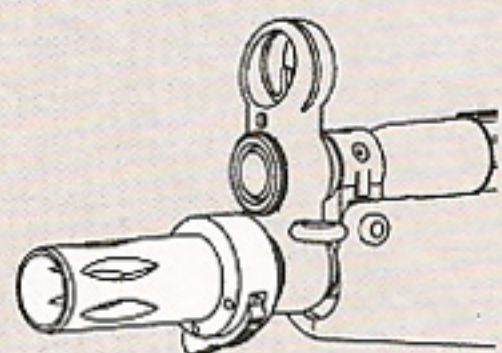
如果使用其他供應商提供的子彈而引起的損害和事故，我們將不負任何責任。

Please ask each store a price

請向我們的經銷商詢問子彈的價格。

- Always attach the protective cap and disconnect the magazine to avoid sudden operation upon connector to the battery.

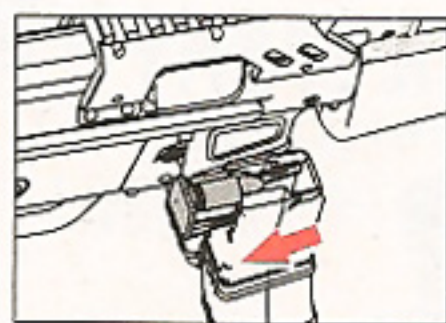
在不使用時，請將發彈調節件設置在安全位置及卸下彈夾。



One point advice
一點建議

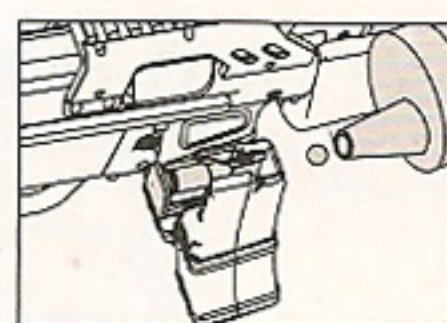
The conventional mini battery can also be used by the same wearing.

可以使用同一型號標準的小電池。



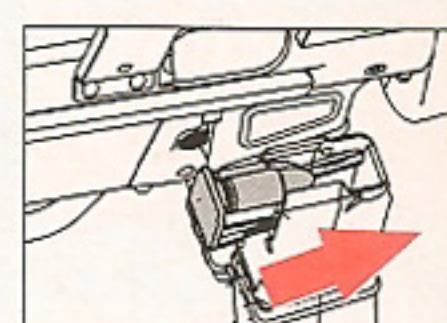
Push back the cover of the emulational magazine to open the magazine

把仿真彈倉蓋向後推，打開彈倉蓋



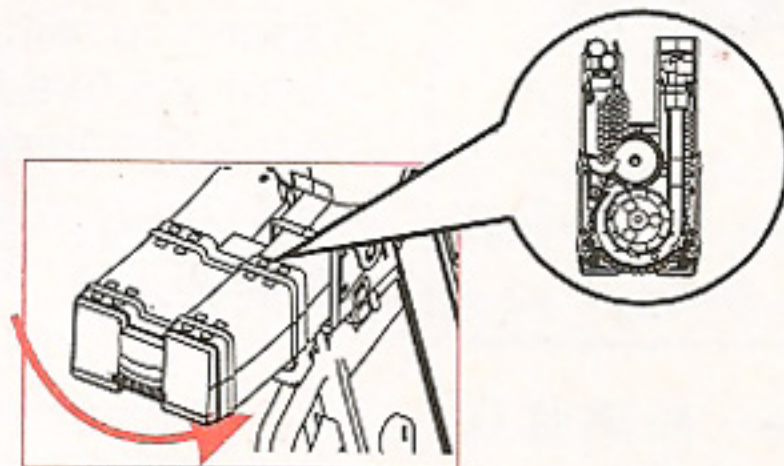
Load it with 6mm BB bullets until it's full. (It can be loaded with 180 rounds.)

裝入6mm BB彈，直到裝滿（可裝彈180發）。



Replace the magazine cover.

蓋上彈倉蓋。



Move the gear with hand clockwise until it is fully wound, and the bullets will be sent up automatically. (It can send about 100 rounds automatically.)

以順時針方向拔動齒輪，直到上滿鏈，子彈就會自動往上送。（能自動送彈約100發）。

FILLED WAY OF LOADING THE MAGAZINE WITH BULLETS 充填式彈匣裝彈方法



Insert 6mm BB bullets supplied by into the charger

將6mm BB彈裝入裝彈器



Press in bullets using the charging rod. Insert BB bullets supplied by into the magazine

使用裝彈器壓緊進彈口，裝BB彈裝入彈匣。

Caution: the magazine is capable of containing 45 rounds.

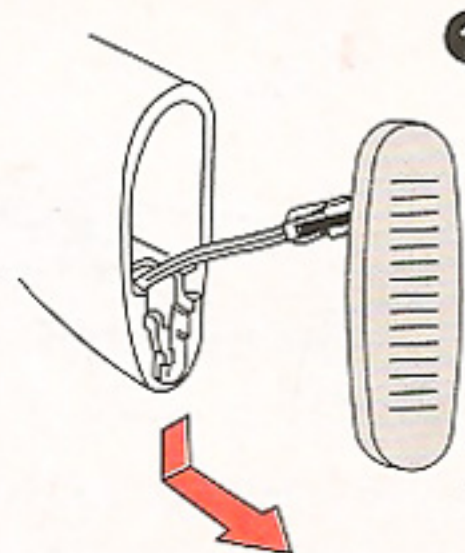
注意：彈匣可裝45發子彈。

4 SETTING THE BATTERY (CONDUCT OPERATIONS HEREAFTER AFTER THE BATTERY)

如何安裝電池（電池充電后請按以下的說明操作）

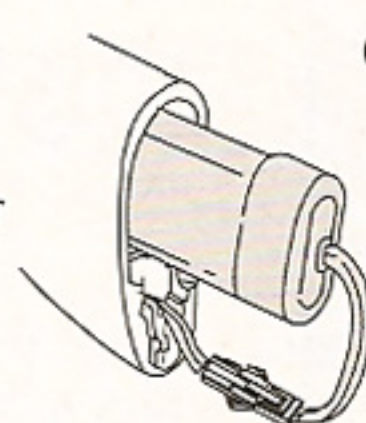
CAUTION:
注意

The magazine is done under the condition that it is removed.
要先卸下子彈夾。



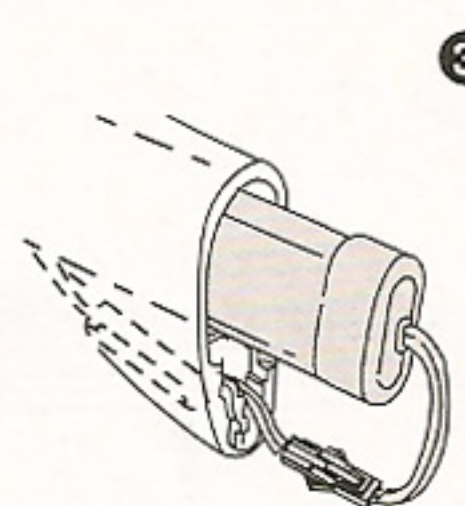
- 1 Remove the butt plate by pressing it downwards and pull out the connector

請將發彈調節件設置在安全位置及卸下彈夾。



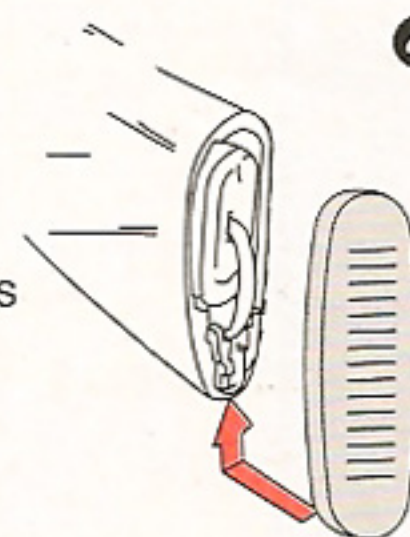
- 2 Insert the battery in the tail gunstock and connect the jack.

裝電池裝入



- 3 Press down the fuse box and insert connectors and cords between the fuse box and battery Bend cords in the "S" shape

壓入保險絲盒，然後在保險絲盒和電池之間插入連接器和電線，將電線彎曲在"S"形



- 4 When the battery and cords are set in positions, reinstall the butt plate as shown.

當電池和電線正確安裝後，如圖所示重新裝上蓋板。

WARNING • CAUTION

警告 • 注意

- Do not force Fore grip into place. It may the handle 不要用力推動前部的把手。
- The adjustment screw will come off if it is turned excessively. 假如用力的扭轉，可調節螺絲可能會掉下來。

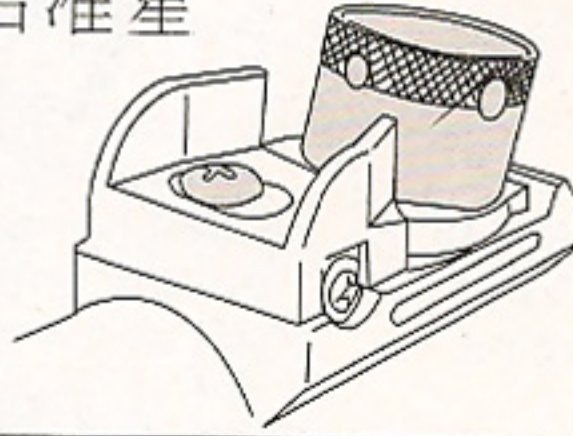
! One point advice 一點建議

Gun Series is capable of extraordinary hitting precision. Proper aiming and holding lead you to more accurate shootings.

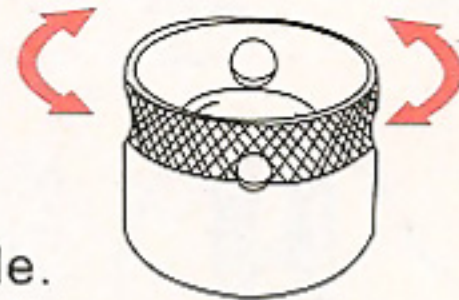
槍支能够非常精確的射中目標。恰當的瞄准和把持使你有更高的命中率。

5 SETTING THE REAR SIGHT

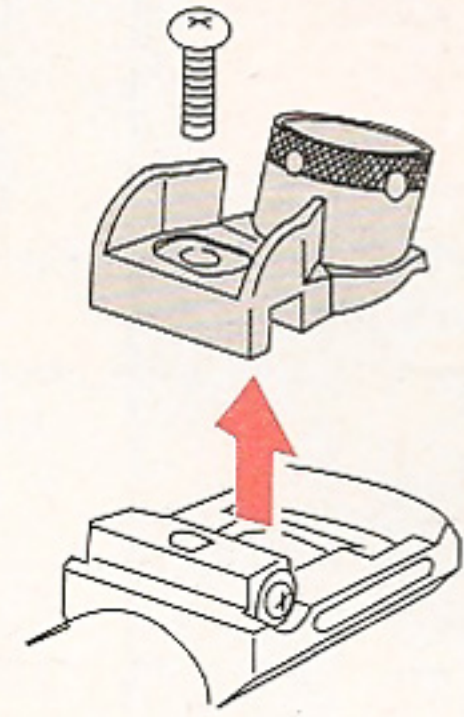
設置后准星



For precise shooting, turn the sight by hand and use the smaller hole.



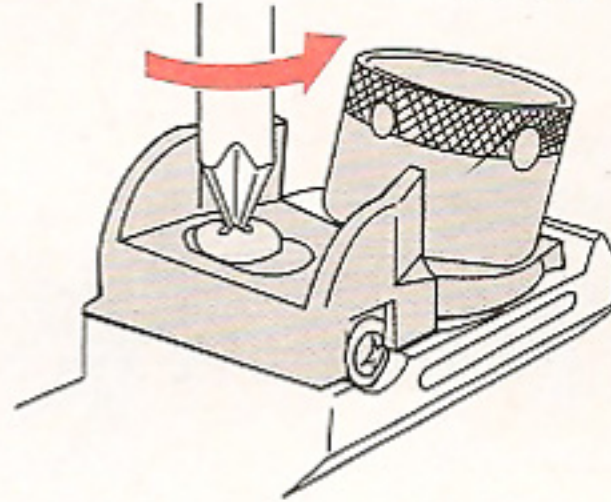
爲了更精確的射擊，請用手調節准星和使用最小的洞。



When you remove a rear sight, please remove a fixed screw and draw out a rear sight upwards.

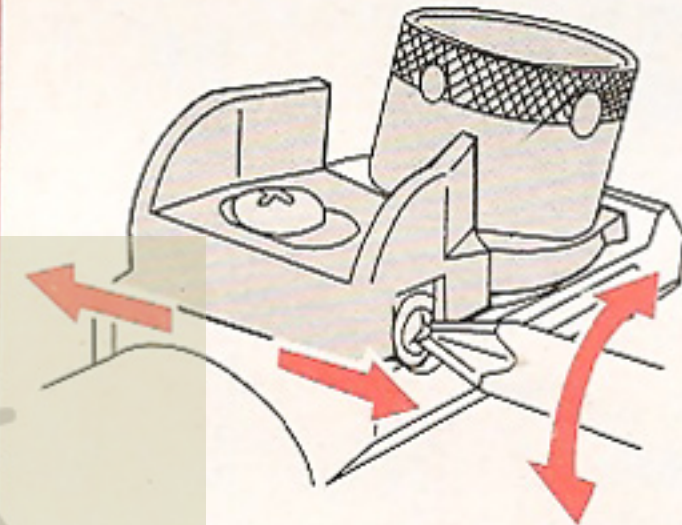
當你在調節后准星時，請扭松固定的螺絲，然後把後准星往上移動。

1 Loosen the screw 松開螺絲



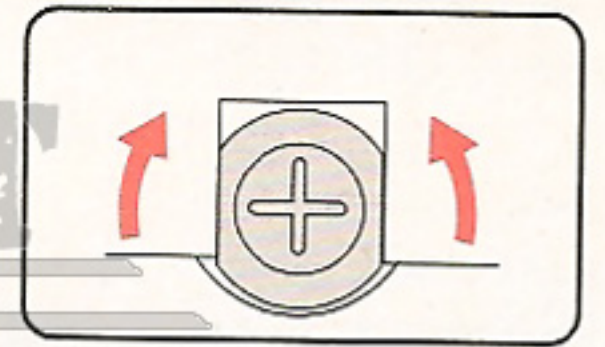
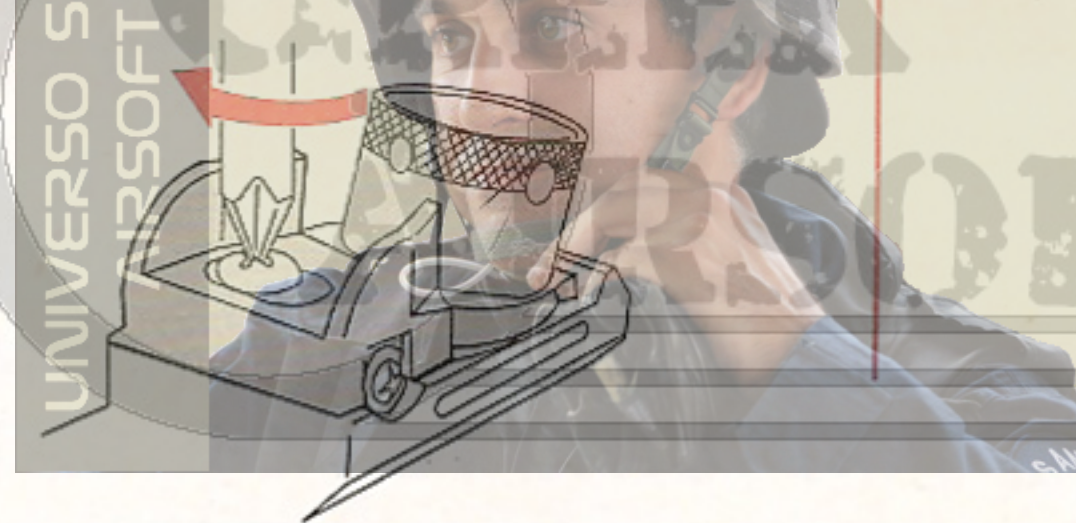
2 To move the sight turn the adjustment screw using a screwdriver

用螺絲刀扭松可調節螺絲，然後就可以移動准星。



3 When adjustment is complete, tighten the set screw.

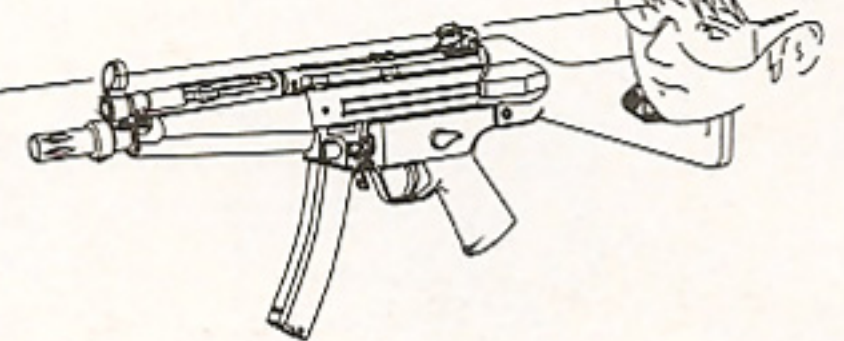
當調節好了之後，扭緊螺絲。



● HOW TO AIM 怎樣射擊

Bring the front sight to the hold of the rear sight, and aim the center of the target.

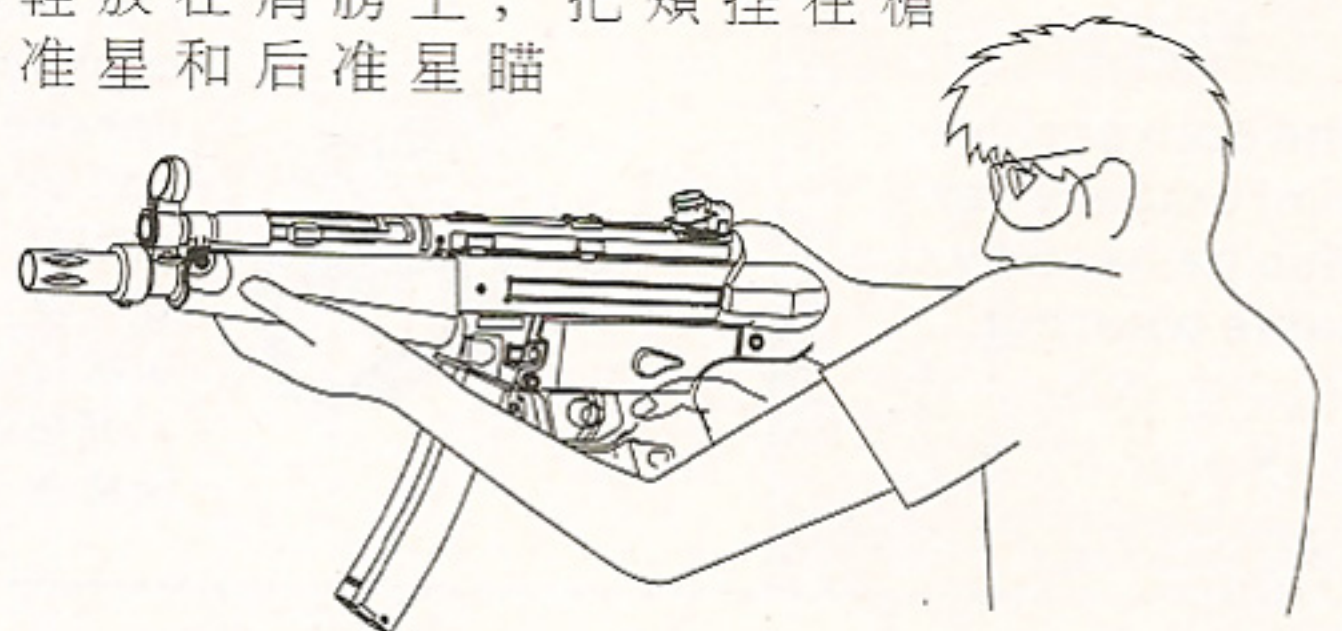
使前准星對准后准星的洞，然後瞄准目標的中心。



● HOW TO HOLD 怎樣把持

Press the butt plate against slightly inside of the shoulder joint and put your cheek on the stock. Aim the center of the target through rear sight and front sight.

把蓋板（襯板）輕輕放在肩膀上，把頰掛在槍托上。眼睛穿過前准星和后准星瞄准目標的中心。



WARNING • CAUTION

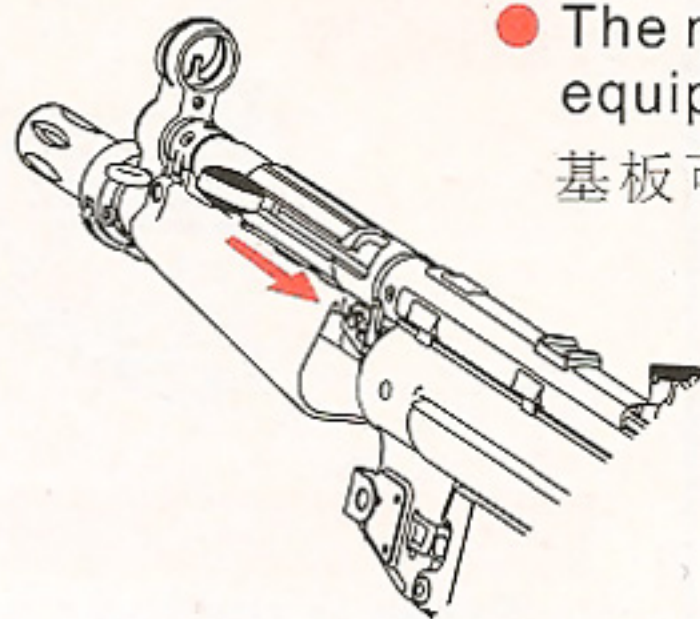
警告 • 注意

- Be careful so that your skin and fingers do not get caught in the moving parts.

小心你的手指和皮膚不要被移動的部件傷到。

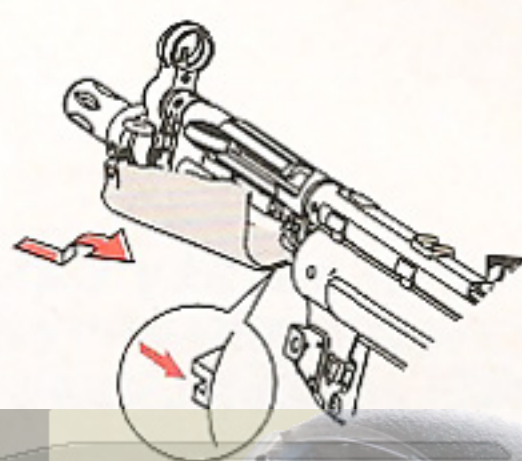
6 MOVABLE PARTS 可移的零件

- The cocking lever can be moved
上膛拉杆可以移動。



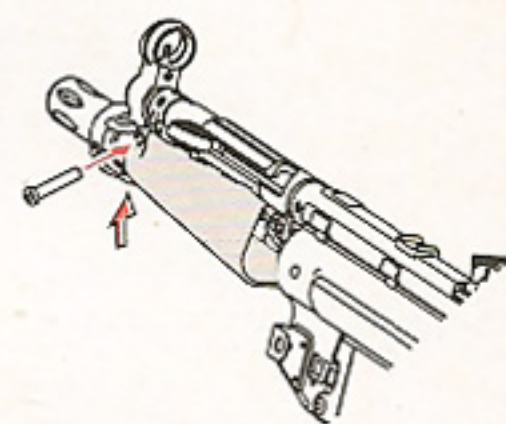
- The mount base can be equipped with a dot site.
基板可移動。

- A hand guard is shifted behind, making it a connector go into inside, and Fit the rib built in the hand guard to the groove shown by the arrow.
護木是可以移動的，按箭頭的方向把護木推進凹槽。



- Hand guard before is raised upwards and a lock pin is inserted.

把護木掀上來，然後裝上鎖釘。（相反的操作可拆卸護木）。



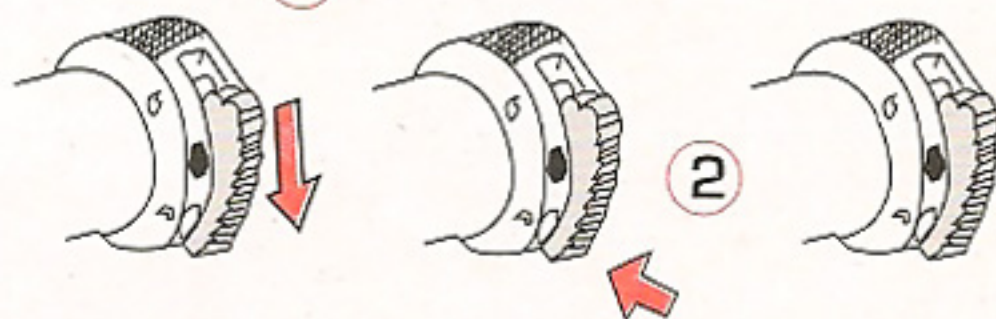
7 FLASH SUPPRESSOR ATTACHMENT / DETACHMENT PROCEDURE

滅火帽的安裝和拆卸程序。

- Releasing the lock lever 松開鎖杆



①



②

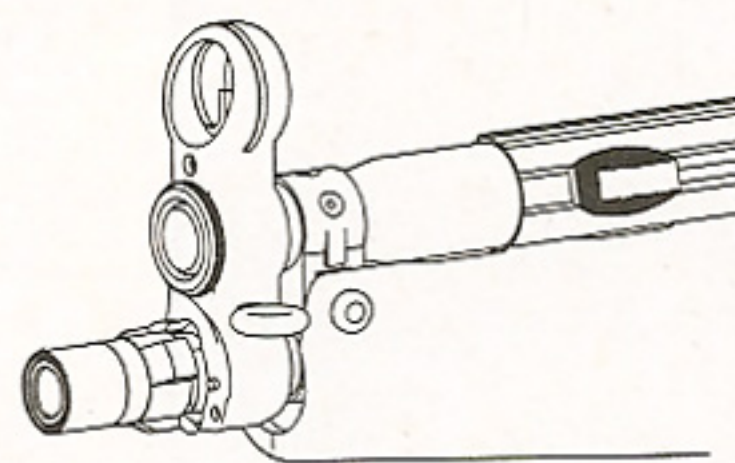
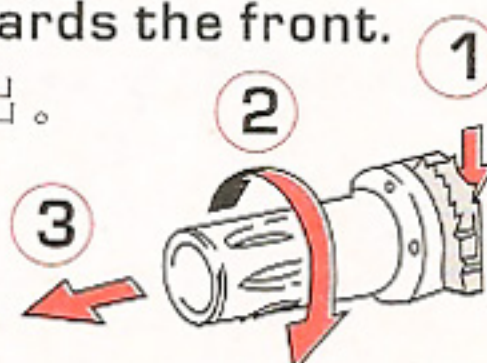
CAUTION:
注意

At the locked state, the lock lever tip catches the pin.
在鎖着的狀態下，鎖杆的頂端可以碰到針頭。

Slide the lock lever towards the ①, direction and press at ②.
把鎖杆調到①的位置，然後按下②。

REMOVAL 拆卸

1. Release the lock lever.
移動鎖杆。
2. Turn it about 60.
旋轉大約60度。
3. Remove by pulling towards the front.
把它推向前就可以取出。



WARNING • CAUTION

警告 • 注意

CAUTION:

注意

It cannot be set unless the lock lever is released.

要松開鎖杆之后，才能安裝。

INSTALLATION 安裝

1. Press in the flash suppressor all the way.

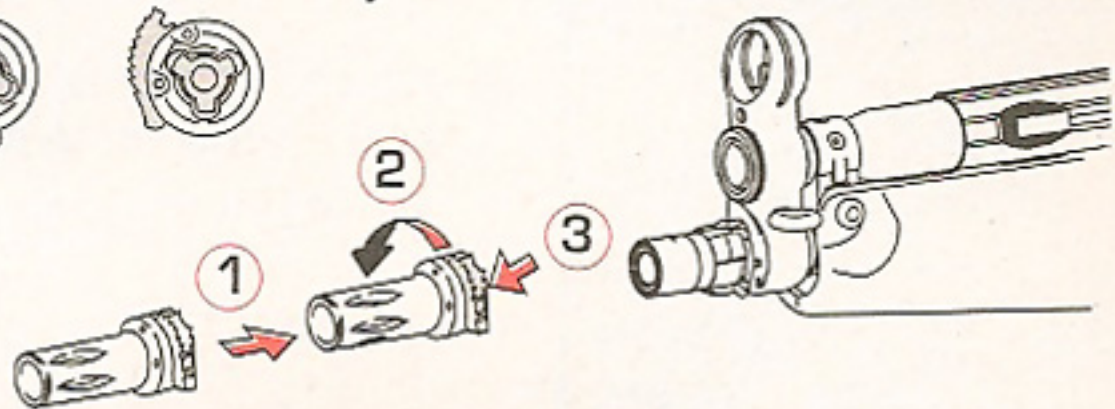
一直按住防火抑制器。

2. Turn it about 60°.

旋轉60度。

3. Lock the lock pin

鎖住鎖杆。



8 FIRING (Confirm safety sufficiently before beginning firing)

射擊（在開始射擊時要確保做好安全措施）

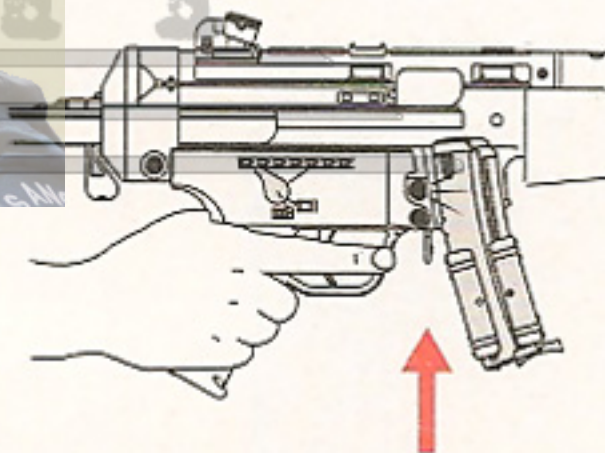
CAUTION:
注意

Load the magazine charging the bullets, referring to "3 Setting the magazine"

卸下彈匣，裝上BB彈。參考 **3** 彈匣的安裝

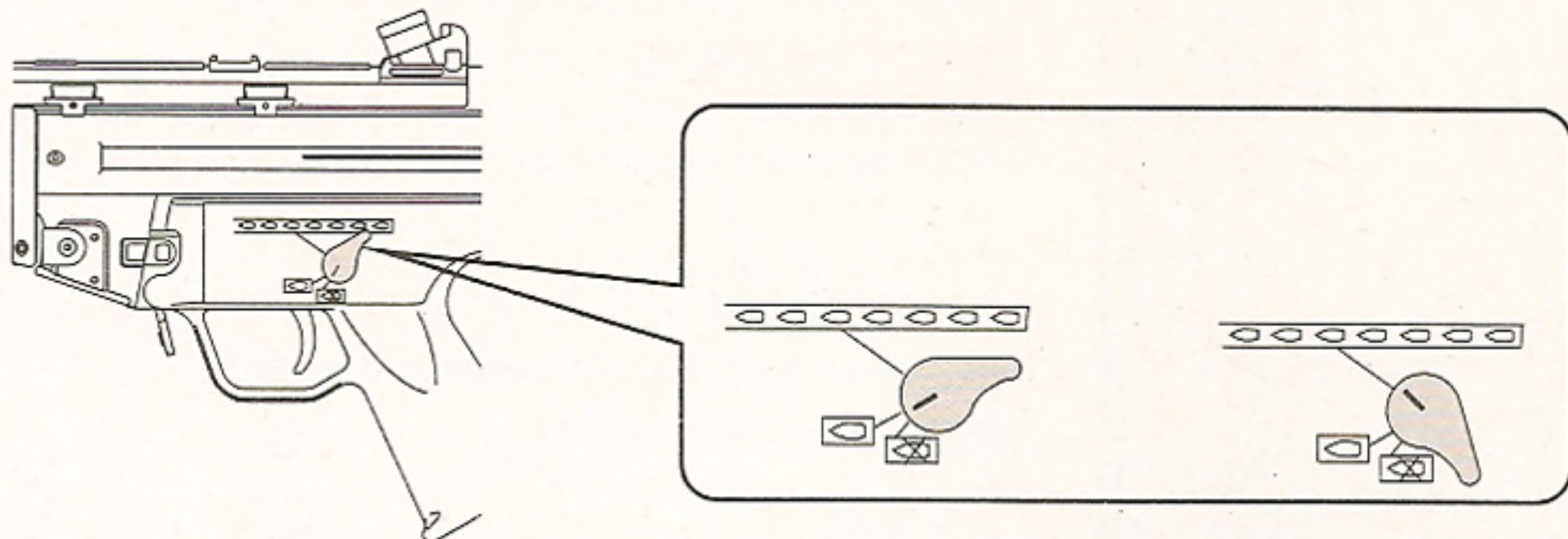
1 Make sure to set the magazine upwards and connect it firmly until a click should be heard.

把彈匣向上裝到槍支上，確保牢固地連接到槍支上，要聽到“卡嚓”的一聲才可以。



2 Set the selector lever to Semi or Full Auto.

把調節杆設置在半自動或者自動的狀態下。



WARNING • CAUTION

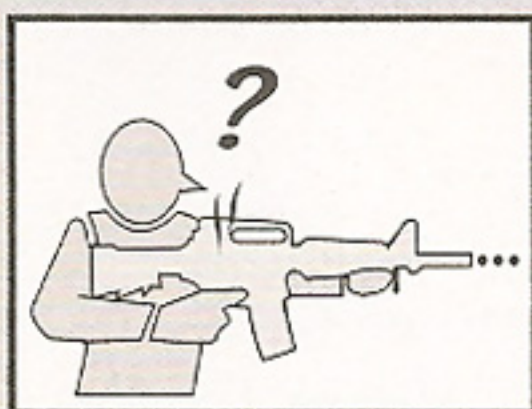
警告 • 注意

- There are possible cases that no firing occurs after pulling the trigger in the semi-auto mode. In this case, do not pull the trigger furiously. Fire 5 to 6 shots in the full auto mode and then return to the semi auto operation.

在半自動的狀態下，有可能你按住扳機之後，子彈沒有射出來。遇到這種情況，不要猛烈地按住扳機，在全自動的狀態下，射擊5到6發，然後再調到半自動的狀態下嘗試。

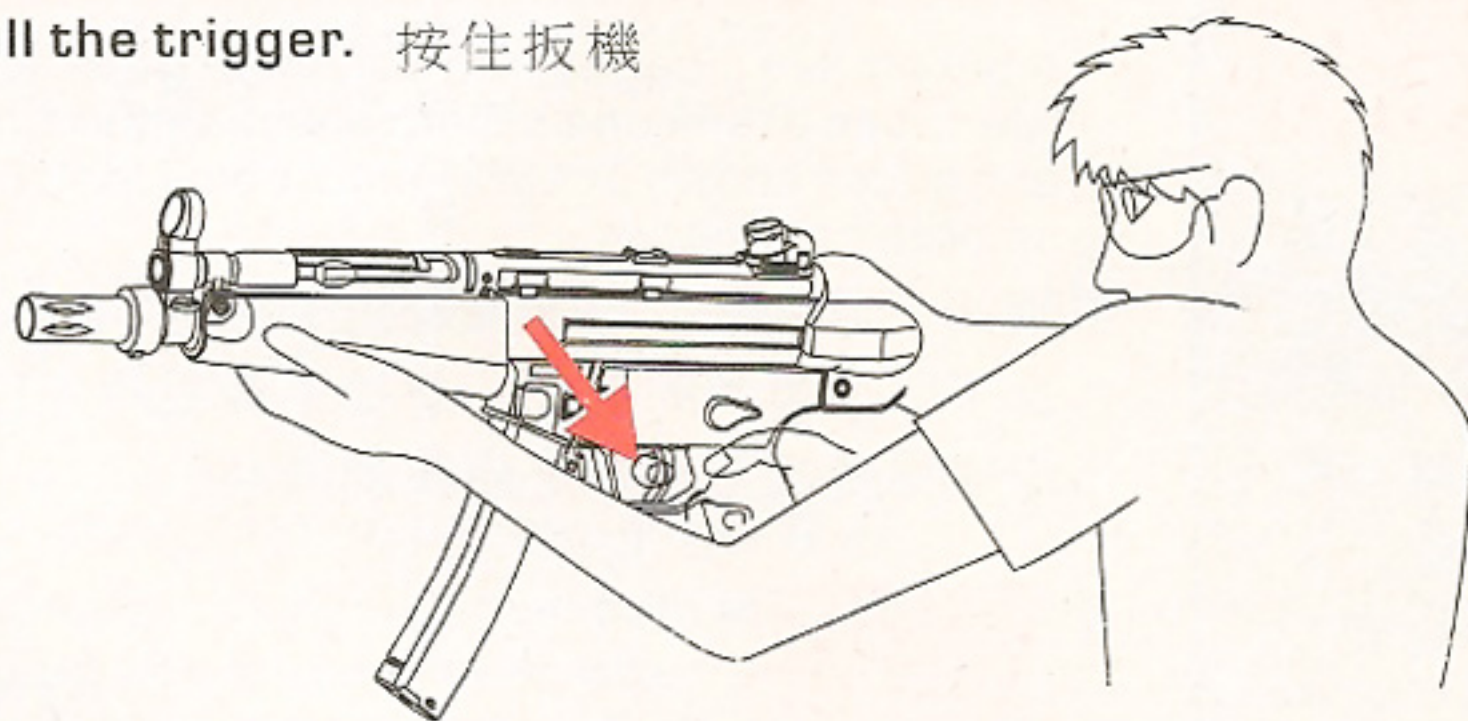
- Smell may be generated from motor for a while when a new air gun is operated. this is the normal operation of the gun.

剛開始使用新氣槍時候，可能會有一股味道，這股味道是電機運轉時產生的，這種情況屬於正常現象。



- The hopping up operation may be unstable for 200 to 300 rounds after using silicone oil, this is the normal operation of the gun.

- ③ Pull the trigger. 按住扳機



CAUTION 注意

A blank firing may occur after the magazine, this is the normal operation of the gun.

當在你裝上子彈開始射擊時，可能會有空白的射擊，這是屬於槍的正常情況。

AFTER OPERATION 使用之後

- Remove the magazine and dry fire the gun in the semi auto mode directing the muzzle to a safe direction. (Otherwise the spring may be weakened). Set the selector to the Safe position.
把子彈匣取出，在半自動的模式下，把槍對着安全的地方射擊。（否則，彈簧彈性可能會變弱），把選擇器調到安全（safe）這一檔。
- Bullets may remain in the chamber even if the magazine contains no bullets (or if the magazine is not connected) (Two or three bullets may drop from the magazine, this is the normal operation of the gun.)
即使彈倉里沒有子彈（或彈倉被取出後）子彈也可能會留在槍膛里。
- Always disconnect the battery and attach the protective cap whenever you do not operate the air gun.
當你不使用氣槍時，必須斷開電池。

Always attach the protective cap during storage.

WARNING 警告

Make sure no dirt gets into the chamber to avoid clogging of bullets.

為了避免子彈阻塞，請確保槍膛裏沒有灰塵。

CAUTIONS ON MOTOR AND BATTERY 電機和電池應該注意的問題

- Charge the battery if the firing cycle becomes slow.
當射擊速度變慢，請充電。
- Give the air gun a rest for 5 to 10 minutes after firing about 500 rounds, in order to ensure long service lives of the motor and battery.
為了確保電機和電池的壽命，在射擊500輪後，給氣槍5-10分鐘的間歇。

WARNING • CAUTION

警告 • 注意

使用潤滑油之後，槍支的前200到300發可能不太穩定，這種情況屬於正常現象。

- If the Hop-up is adjusted excessively causing clogging of bullets, immediately stop operating the gun. return the lever to Normal, fire 2 or 3 shots and read just.

假如Hop-up過分地調整可能會導致子彈的阻塞，遇到這種情況，立刻停止使用，把杆調到正常的（Normal）狀態下，射擊2到3發，然後重新調整。

- Since a precision tight barrel is used, use of dirty bullets or those with burrs causes clogging of bullets and possible fatal damage to the mechanical box and system.

由于槍管非常精密，如果使用臟的子彈可能會導致子彈阻塞和很致命的損壞槍支。

- Never hold the gun sideways as the BB bullets will curve tight or left This is due to the HOP-UP system.

不要從側面握住槍支進行射擊，因為BB子彈射出時可能會偏左或者偏右。

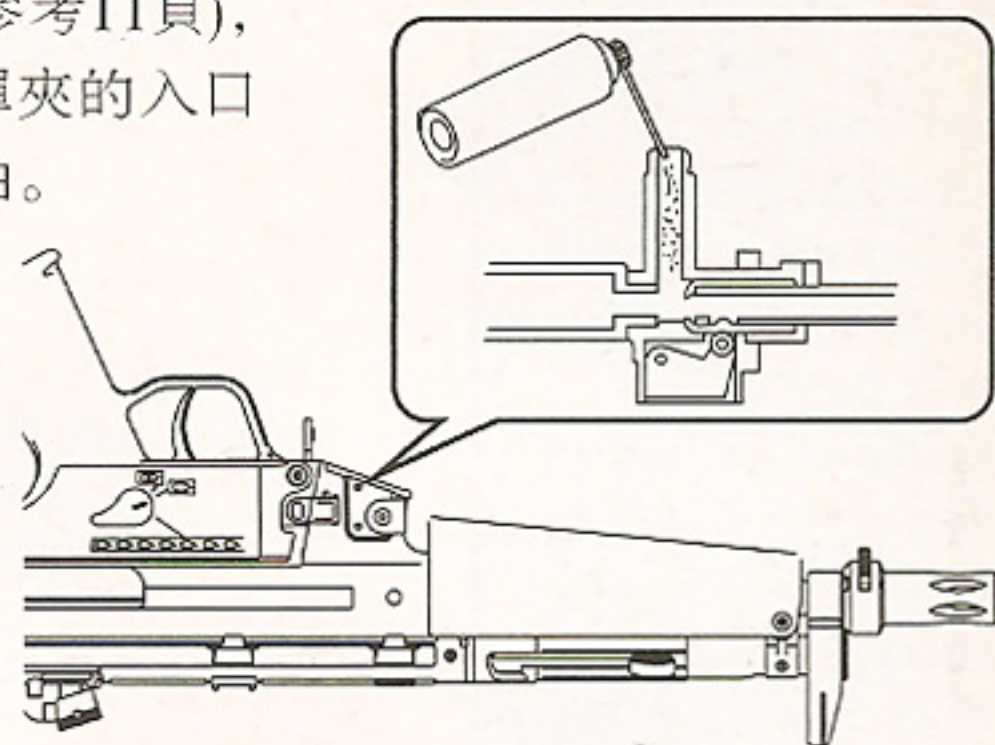
WHEN BULLETS ARE CLOGGED 當子彈阻塞時，應採取的措施

- If bullets are clogged, remove them (refer to 11P) and apply a few drops of silicone oil into the chamber from the magazine entrances shown or spray silicone oil for 0.5 or 1 sec, to obtain smooth continuous.

假如子彈阻塞，把子彈取出來(參考11頁)，為了以後順利的射擊，請從子彈夾的入口處往槍膛滴上或噴上幾滴潤滑油。

CAUTION: 注意

Never use or other mineral oil.
不要使用其他的礦物油。



9 VARIABLE HOP UP SYSTEM 可變化的Hop Up系統

By producing a back-spin on the BB bullets, this system allows for straighter and longer distance shooting than normal air gun. Unlike the fixed type, the variable hop up system permits one-touch adjustments using the dial and lever, making it an ideal hop up system.

通過使子彈逆轉，可以使射擊比一般的氣槍射得更直和更遠。不像其他的固定類型的氣槍一樣，可變化的Hop Up系統可以使用轉盤和調節杆來進行調整。

CAUTION 注意

- Moving the lever too much towards HOP causes bullets to clog. Keep pulling the trigger with bullets being clogged damages the piston and gears.

如果把調節杆調得太靠近HOP，可能會導致子彈阻塞。如果子彈阻塞後，繼續按住扳機可能會使活塞和齒輪損壞。

- If the bullets clogging occurs, immediately stop firing the gun. return the hop adjustment lever to the Normal position and remove clogging bullets using cleaning rod.

假如子彈阻塞，應該立刻停止使用氣槍，把HOP調節杆調到正常的位置，使用槍支通條把子彈取出。

- Never use used and dirty bullets. (Otherwise, the chamber become dirty, resulting in instable hopping up.)

不要使用用過的臟的子彈。(否則，槍膛可能會被弄臟，導致射擊時不穩定。)

▶ Adjustment procedure (Ad just by carry out trial firing. 1)

調節程序(通過試射擊來進行調節)

- Keep pulling the charging handle while adjusting the lever
在調節控制杆時，要一直拉着裝載子彈的把手。
- Turning excessively adversely affects the trajectory, So stop turning the hop adjustment lever when bullets fly horizontally
向相反的方向用力的扭轉

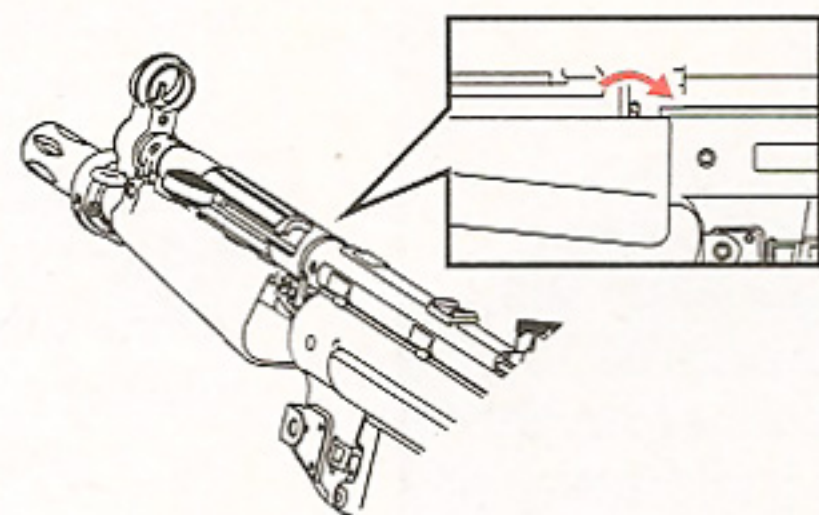
可能會影響到彈軌。因此，

如果子彈能夠水平射出，

就停止扭轉調節杆。

- The hop up dial can only be turned a certain amount. Turning it too much will damage it.

刻度盤祇能轉動一定的次數，轉動太多次則可能會損壞它。



WARNING • CAUTION

警告 • 注意



● Begin the maintenance after returning the Hop-up lever to the **NORMAL (HOP OFF)** position, as in the case of cleaning clogged bullets as instructed above. 把Hop-up調到正常的狀態后 (HOP-OFF)，才可以進行維修，按照以上的說明清理阻塞的子彈。

● Be careful during maintenance. As the inside chamber is precisely designed, it can be damaged easily. Use of a hard brush may damage the hop chamber packing. 維修的時候應該特別小心，因為槍膛的設計非常的精密，很容易就被損壞。使用硬的刷子可能會損壞槍膛。

● Make sure to insert the cleaning rod **AFTER** returning the hop up lever to the **Normal position (HOP OFF)**. 需要把Hop-up調到正常 (即Hop-OFF) 的狀態後才可以插入槍支的清彈器進行清潔。

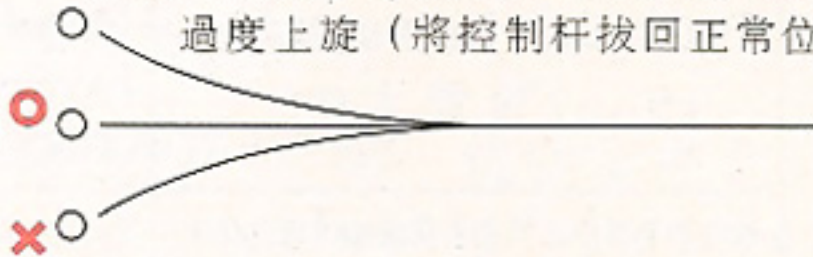
● The best position is where the bullets fly horizontally, and the longest flying distance is obtained.

最好的位置是在最長射程的範圍內，子彈水平飛出。

Too much hop-up (return the lever towards **NORMAL**)

過度上旋 (將控制杆拔回正常位置)

Best position
最佳位置



Not enough Hop-up (return the lever towards Hop up)
上旋不到位 (將控制杆拔向Hop up位置)



Turning excessively adversely affects the trajectory. So, stop turning the hop adjustment lever when bullets fly horizontally.

向相反方向過度旋轉會影響彈道。因此，當子彈水平射出時，停止轉動上旋調節杆。

Operational Caution (Strictly observe the following caution)

操作注意事項：(要注意以下的事項)

● Make sure to return the hop adjustment lever to the Normal position when removing clogged bullets or cleaning. (Otherwise, the chamber packing is damaged.)

在取出阻塞子彈時或進行清潔時，要把Hop調節杆調到正常的位置 (Normal) (否則可能會損害槍膛)

● When about 10,000 rounds are fired, spray silicone oil to the chamber for 0.5 or 1 sec. (The hopping up operation may be instable for 200 to 300 rounds after spraying the silicone oil, which is not a problem.)

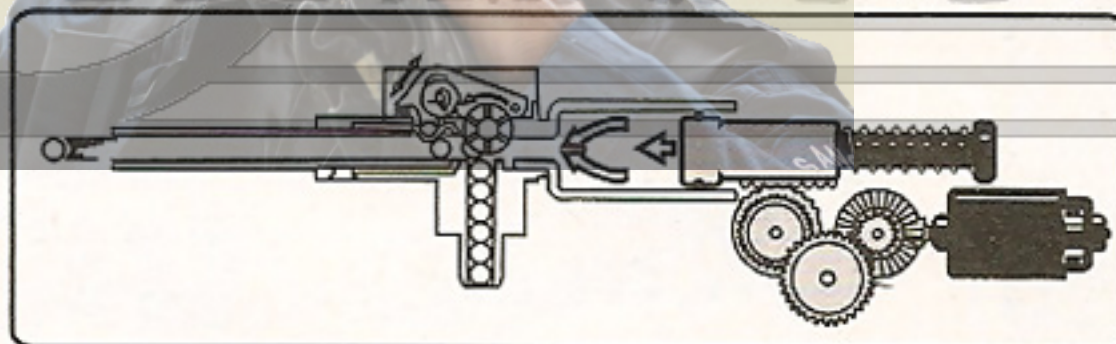
射擊大約10000發之後，要向槍膛噴上潤滑油。(噴上潤滑油之後，射擊可能不太穩定，這是很正常的情况。)

● We shall not be responsible for any damage or accidents arising from wrong operation. Disassembly and modification of the air gun.

由于錯誤的操作或拆卸或修改氣槍而引起的任何事故，我們不負任何責任。

Any costs for repair of such damage shall be paid by the user.

由于以上的原因而引起的損壞，維修費用由用戶承擔。



SYMPTOM 症狀	CAUSE 原因	ACTION 方法
Bullets flying upwards. 子彈向上飛	Too much hop setting. (Hop)設置太大	Gradually return adjustment lever towards Normal. 把調節杆逐漸地調到正常狀態。
Short flying distance of bullets (less hopping up effect). 子彈射程太短	Too much hop setting. (Hop)設置太大	Gradually return adjustment lever towards Normal. 把調節杆逐漸地調到正常狀態。
	Hop packing contaminated by oil or dirt. Hop橡膠被油迹或污垢玷污	Fire bullets equivalent to 4 or 5 magazines or clean the chamber using cleaning rod. 用(槍支的)清彈器清潔槍管
	Dirt inside a barrel. 槍管裏有污垢	
	Worn or damaged hop packing. Hop橡膠太舊或被損壞	Purchase the replacement part at your dealer or from and replace it. 向經銷商購買所需配件，更換Hop包裝

WARNING • CAUTION**警告 • 注意**

- When bullets are clogged. Immediately stop operation. Remove clogged bullets and then restart operation of the air gun. (if operation is continued with bullets being clogged, the mechanism may be damaged)

子彈阻塞后，應該立刻停止使用。把阻塞的子彈取出，然后重新開始使用氣槍。（假如子彈阻塞后，還繼續使用，可能會損壞槍支。）

- Since clogging bullets may jump into out at a high speed. always wear safety goggles and confirm safety. 由于被阻塞的子彈可能會以很快的速度彈出，維修的時請務必戴上護目眼鏡以保證安全。

- Never use any used BB bullets. 不要使用用過的BB彈。

- The fuse may blow out due to an electrical over current. Malfunctions of the internal mechanism are possible. So. check and then connect the battery again. 由于過高電流，保險絲可能爆裂。如內部機械裝置出現故障，請檢查故障部分，然后重新連接電池。

- Normally, do not attempt to adjust. 在正常情況下，不要調節齒輪。

Cannot adjust 不能調節	Damaged adjustment lever or other parts. 調節杆或其他部件損壞	Purchase the replacement part at your dealer from and replace it. 向經銷商購買所需配件，更換Hop包裝
Frequent bullets clogging 子彈經常阻塞	Too much hop setting. (Hop)設置太大	Gradually return adjustment lever towards Normal. 把調節杆逐漸地調到正常狀態。
	Improper or too large sized BB bullets. BB彈不合適或太大了	Use the BB Bullets supplied. 使用合適的BB彈
	Dirty hop packing. Hop包裝弄髒	Clean using the cleaning rod or consult your dealer for repair. 用（槍支的）清彈器或者向經銷商諮詢維修。

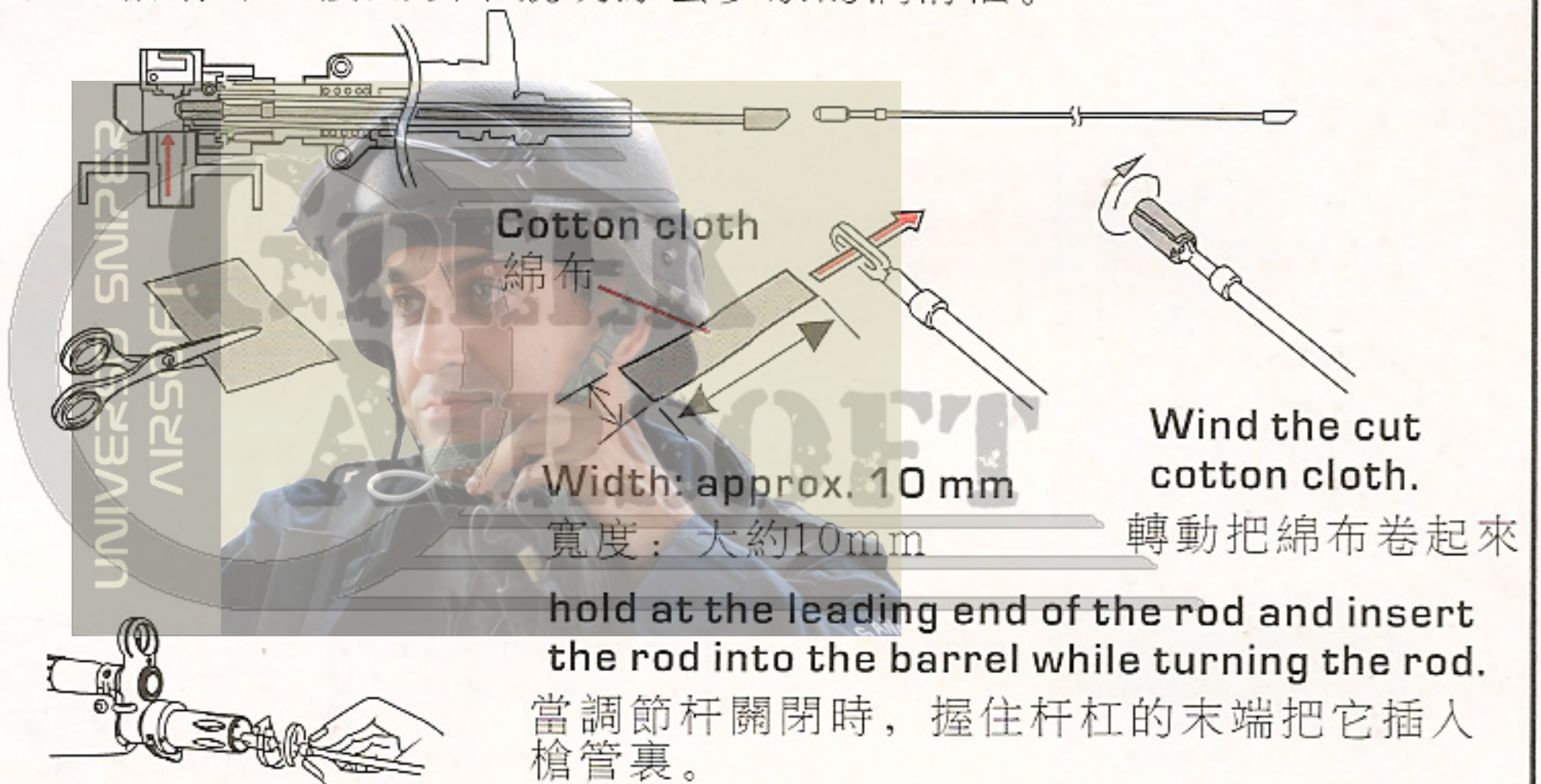
10 1. MAINTENANCE WHEN BULLET SPEED BECOME LOW 當子彈速度變慢時怎樣維修

- ① Drop a few drops of silicone oil or Teflon oil from the bullet entrance, insert BB bullets into the magazine and fire bullets equivalent to 1 or 2 magazine.

從子彈的入口處滴幾滴潤滑油。把BB子彈裝進彈倉，射擊1或2次。

- ② To complete the cleaning. use the cleaning rod (with cotton) as shown below, to remove excess oil.

使用槍清彈器按照以下說明除去多余的潤滑油。

**CAUTION 注意**

Inserting the rod will be difficult if you hold the rod at the end.

假如你緊握清彈器的末端，清彈器插進去可能會很困難。

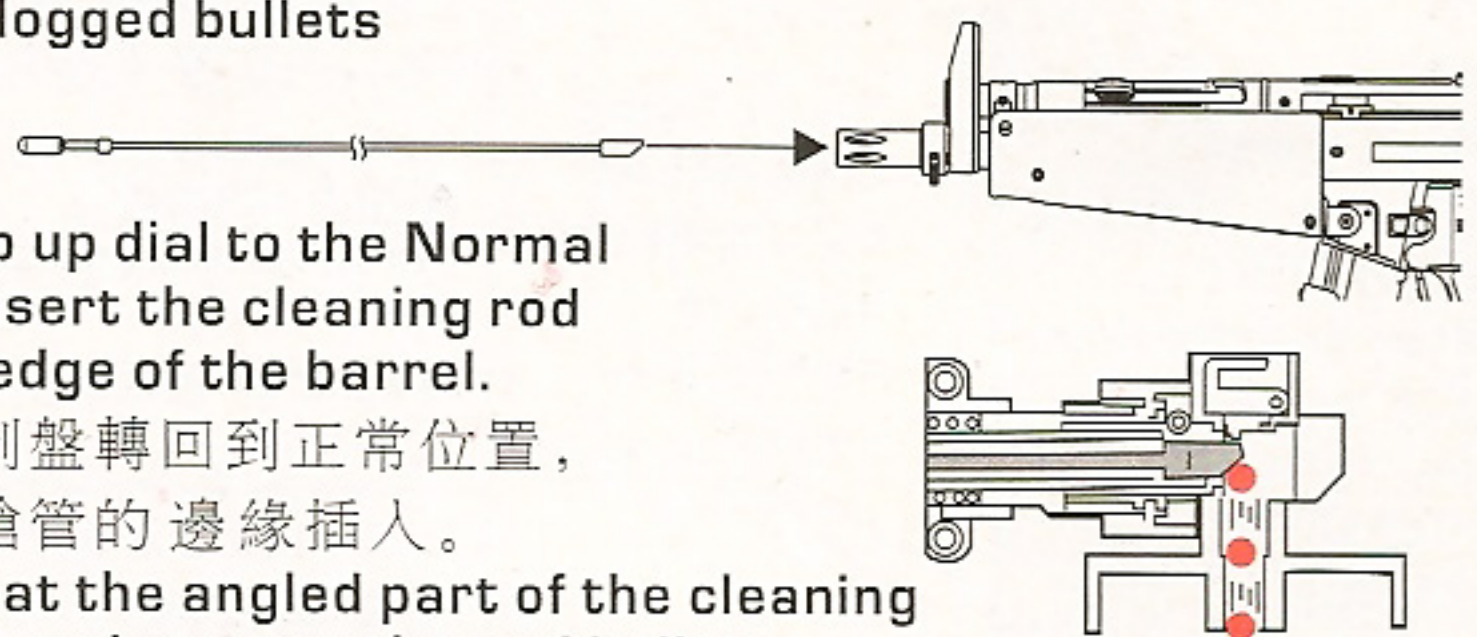
2. Removing clogged bullets 取彈方法

Return the hop up dial to the Normal position and insert the cleaning rod from the lead edge of the barrel.

將上旋調節控制盤轉回到正常位置，并將清彈器從槍管的邊緣插入。

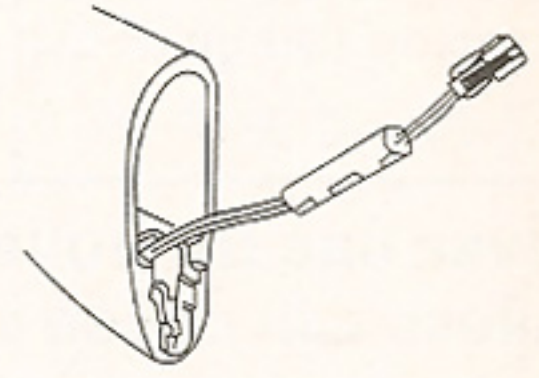
be careful so that the angled part of the cleaning rod faces down, and remove clogged bullets.

注意清彈器的尖角部分必須朝下，再取出塞滿的子彈。



3. FUSE REPLACEMENT PROCEDURE 更換保險管

The fuse box comes out when the connectors are pulled out of the stock.
 當連接器從槍托里被拉出來時，也把保險管盒拉出來
 when fuse is replaced, push into the stock all the way.
 當更換好保險管後，直接把它推進槍托里。



4. FINE ADJUSTMENT OF GEAR ENGAGEMENT 齒輪齒嚙合的微調

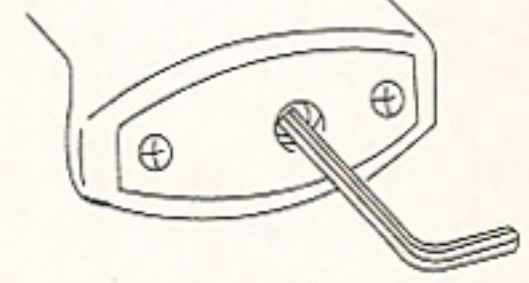
CAUTION
 注意

- Only when the motor noise becomes high after operations for a long period of time, conduct the fine adjustment as shown.

若使用時間過長，電機發出很大的的噪音時，請按如圖所示對電機進行微調。

- Excessive tightening of the screw may damage the motor.
 不要把螺絲扭得太緊，否則會損壞電機。
- Pull the trigger while adjusting the set screw to the left or right. Stop turning when the motor is quietest.

在調節螺絲時，扣扳機在電機安靜之后就停止扭轉。



11 TROUBLE CLINIC(TROUBLESHOOTING) Confirm before calling for repair 故障診斷(維修之前請確認是否發生故障)

SYMPTOM 症狀	CAUSE 原因	ACTION 方法
No operation at all 無法操作	Selectror is set to safety. 選速(器)杆調在安全這一檔(Safety)	Set the selector lever to Semi or Full Auto. 把選速(器)杆調在半自動或全自動檔
	Battery is not charged. 電池沒有充電	Charger the battery. 給電池充電
	Battery connector is disconnected. 電池連接器被斷開	Connect the connector. 連接連接器
	The ⊕ and ⊖ or battery connector is revers. 電池的正負極連接器倒置	Connect the connector correctly. (check the fuse) 正確連接連接器(檢查保險管)
	Fuse is blown out. 保險管爆裂	Relace the fuse. 重新換上保險管
	Expired motor life (50.000 to 60.000 rounds) or poor electrical connection. 電機老化或者電綫連接錯誤	Replace the motor (purchasing from your dealer or us)or chek and repair the contacts. 換新的電機(可向經銷商或我們購買),或者仔細檢查和修理電綫接觸點。
Although motor is removing, no bullets jump out. 電機沒有發生故障,但子彈無法正常發射。	Bletts are clogged in the magazine. 子彈阻塞在彈倉裏	Insert the charging rod into the magazine and move up and down a few times to remove clogged bullets. 用裝載杆插進彈倉裏,上下移動幾次,把阻塞的子彈移出。
	Bletts are clogged in the chamber. 子彈阻塞在(槍)管里	Remove clogged bullets using the cleaning rob.(see page 11) 用(槍枝的)清彈器把阻塞的子彈取出(見11頁)
	Faulty gear. 齒輪壞了	Purchase the replacement gear from your dealer and repair. 向經銷商購買新的齒輪后進行維修
Impossible full-auto operation. (Automatic firing) 不能自動操作 (子彈無法射出)	Insufficient battery power. 電池電量不足	Charge the battery. 給電池充電
	Faulty bullet feed of magazine. 彈倉裏的子彈裝錯	Repair clogging the magazine. 清理彈倉裏的堵塞物
	Poor electrical connection. 電綫連接不好	Consult your dealer or us for overhaul maintenance or repair. 向經銷商諮詢如何維修

Impossible semi-auto operation.(Single shot) 不能半自動操作	Deviation in gear timing. 齒輪調配偏離	Set to semi auto firing 5 to 6 rounds in full auto. 在全自動這一檔射擊5到6次后調到半自動檔
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Never use BB bullets other than those supplied by . Use of poor quality BB bullets will cause problems. Never disassemble or modify the gun.

不要使用非提供的BB子彈，如使用低質量的BB彈將出現問題。
不要拆卸或修改槍支。

SYMPTOM 症狀	CAUSE 原因	ACTION 方法
Impossible semi-auto operation. (Single out) 不能半自動操作	Insufficient battery power. 電池電量不足	Charge the battery. 給電池充電
	poor electrical connection. 電綫連接不好	Consult your dealer or us for overhaul maintenance or repair. 向經銷商諮詢如何維修
Automatic firing become shorter. 自動射擊周期變長	Insufficient battery power. 電池電量不足	Charge the battery. 給電池充電
Shooting distance become shorter. 子彈射程變短	Worn or damaged chamber packing. (槍)膛材料太舊或壞了	Consult your dealer or us for overhaul maintenance or repair. Replace the chamber packing, piston packing (O-ring) and piston assembly. 向經銷商諮詢如何維修.重新換上槍膛材料, 活塞材料(O形圈)和活塞組裝件。
	Worn or damaged chamber packing. (O-ring) (槍)膛材料 (O形圈) 太舊或壞了	
	Deteriorated piston spring. 活塞彈簧損壞	
	Faulty BB bullets.(Too small or heavy) BB子彈不合格 (太小或太重)	Use the genuine BB bullet 使用質量合格的BB彈
	Shortage of damaged gear. 齒輪損壞	Drop a few drops of silicone from under the chamber. 在槍膛下滴幾滴潤滑劑
	Gear problem caused by too many blank firing or worn or damaged gear. 太多的空白射擊導致齒輪出現問題或者齒輪老化或損壞.	Consult your dealer or us for overhaul maintenance ,part replacement (gear. etc) or repair. 向經銷商諮詢如何維修, 零件替換 (齒輪等)
Too loud operating noise. 噪音太大	Gear problem caused by too many blank firing. 太多的空白射擊導致齒輪出現問題.	
Bullets being follen out from barrel end. 子彈從槍管頭彈出	Worn or damaged chamber packing. (槍)膛材料太舊或壞了	
	No hop setting. 沒有設置HOP	Turn the hop adjustment lever toward HOP. 把調節杆調到HOP位置
	Faulty BB bullets .(Too small) BB子彈不合格 (太小)	Use the genuine BB bullet 使用質量合格的BB彈
Being wet or drop into water.(rain) 槍支弄濕或掉進水裏 (雨淋)	Stop operation immediately, disconnect the battery ,wipe off water from water from inside the main body and the battery , and after complete dry, carry out trial firing, if no operation or malfunction is detected, consult your dealer or us for repair. 立刻停止使用, 斷開電池, 把電池和槍支內部的主要部分擦干, 等槍支完全干了之后, 再嘗試射擊。假如無法使用或者發現故障。向經銷商或我們諮詢如何維修。	

