

T3-K1

K2&K3

适合年龄18岁以上使用

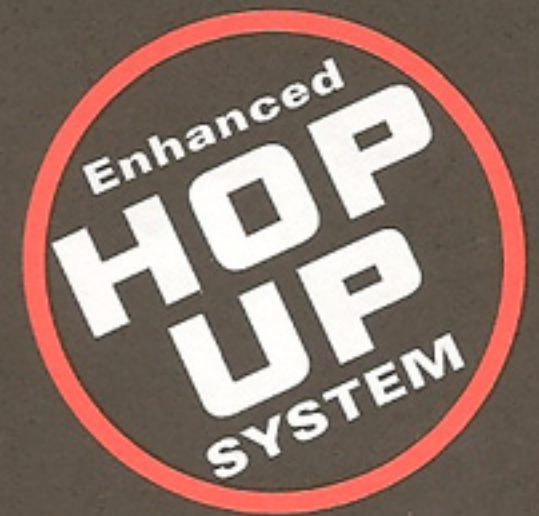
Users Restricted to 18 Years of age or older

操作手册指导手册

HANDLING CAUTIONS AND INSTRUCTION MANUAL

AUTOMATIC ELECTRIC GUN SERIES

T3-k2
POLICE &
SPECIAL FORCE
TYPE.



T3-k3
MILITARY TYPE.

操作之前先阅读这本手册

always read through this manual before operation.



WARNING



Only for 18 years
old or up

Operation of this air gun is restricted to users older than 18 years old.



Injury caution

careless shooting may cause eye damage or other injuries.



Carefully read the
Handling Cautions
and instruction manual

Always read through this handling cautions and instruction manual carefully before use. Operate the air gun with full understanding of warnings and cautions.

Always read the manual before use.



WARNING

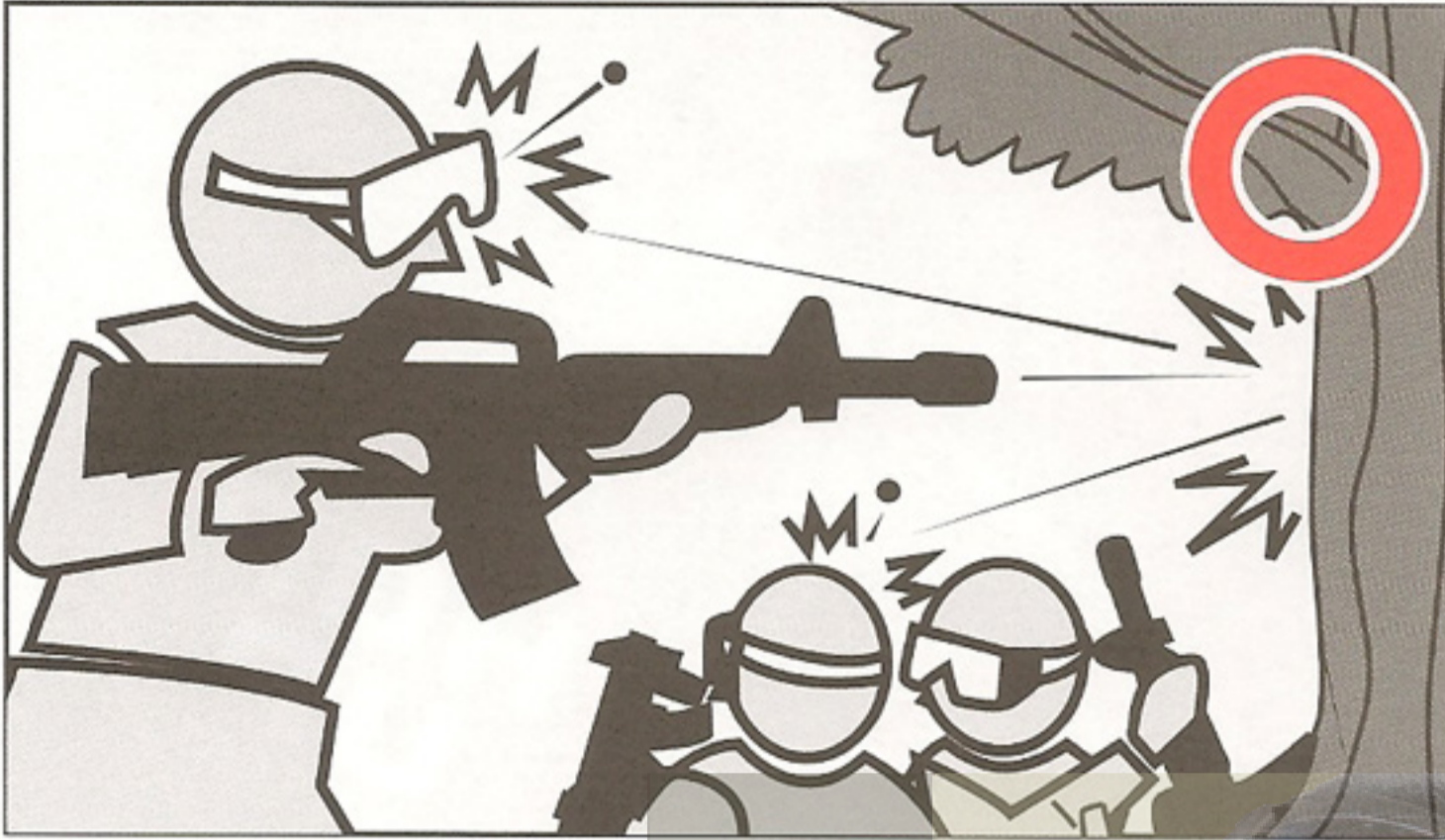
This sport gun is developed for enjoying sport shooting through correct sport shooting operation. You can sense, if you recognize its features and operational warnings. As the air gun has the capacity to shoot BB or other injury. Make sure to read through warnings stipulated below and observe rules and manners for

这款运动气枪是专为运动娱乐而设计的，射击运动有自身的特点。气枪射程能达到50-60米，是最适合的运动产品之一。因为气枪存在导致眼部或其他身体部位受

Operation of this air gun for competition use is restricted to users of 18 years old or . careless

气枪用于比赛用途仅限于18岁或以上的使用者，错误使用可能导致眼部或其他身体部位受伤。

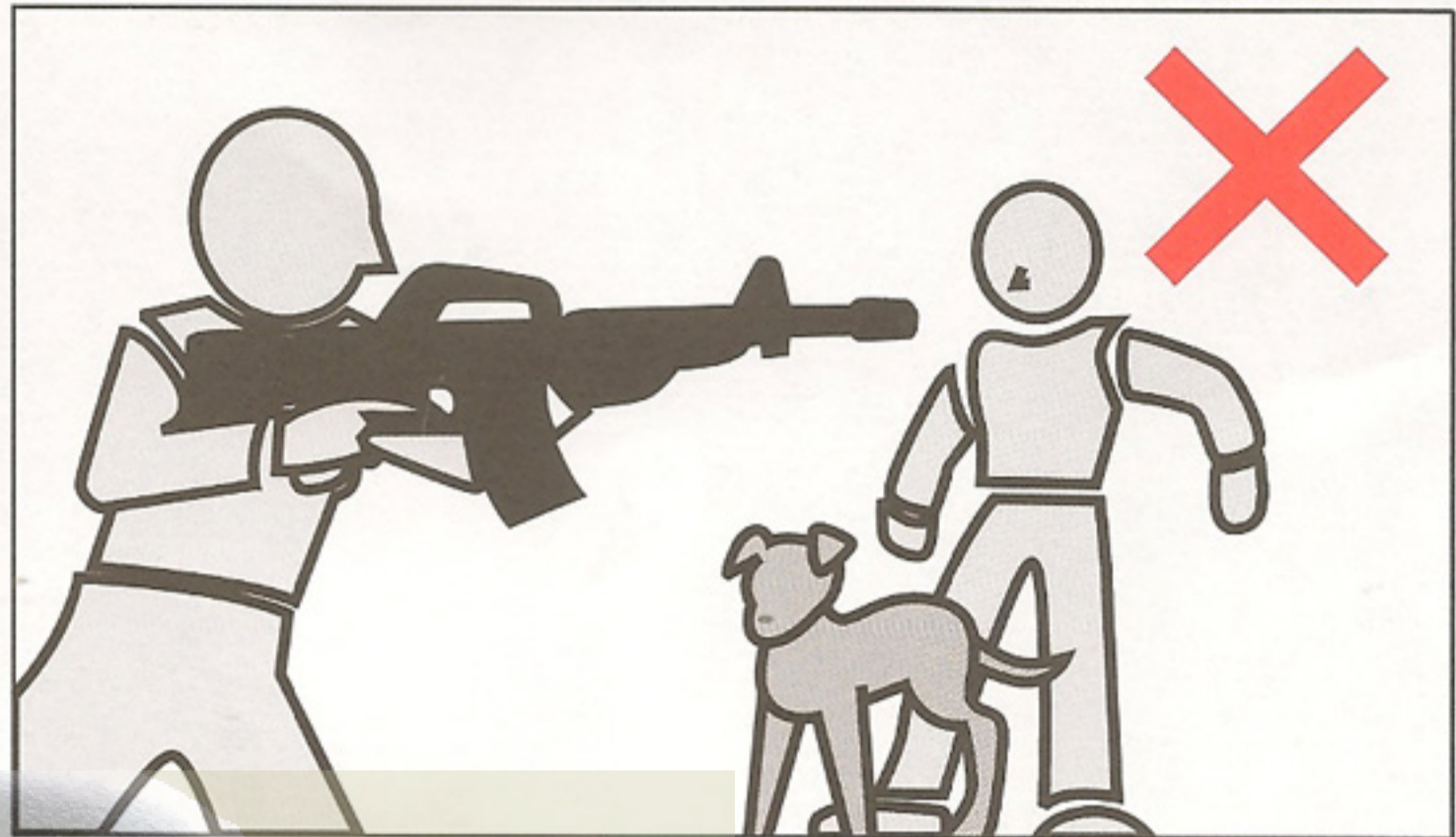
WARNING Always wear eye protective gear. 使用眼部保护装置



When shooting the air gun for a target or game, you and all participants must wear goggles or other eye protective gear, also paying attention to ricochets. (Pay sufficient attention also to third personnel other than participants.)

用气枪射击目标或游戏时，参与者必须使用眼罩或其他眼部保护装置，同时小心子弹回弹。（除了参与者外，还需注意第三方的安全）

WARNING Never shoot the air gun towards a person or animal. 禁止射击人或动物



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.

禁止把人或动物作为瞄准或射击目标，除了准备射击时，保护栓必须扣上。

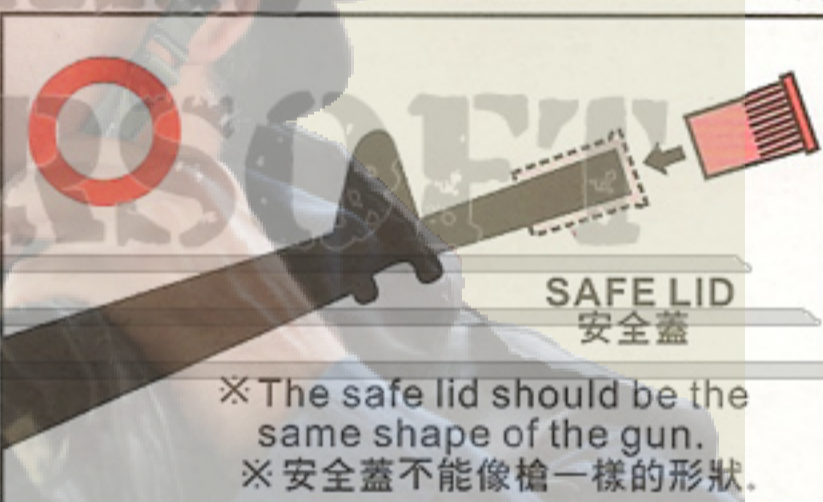
WARNING You may be punished if you are shooting for a practical joke. 如果用气枪开恶作剧，可能会受到惩罚



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.

即使是开玩笑，但一旦损坏公物、他人财产或伤害他人或动物，可能受到惩罚，请注意素养礼貌，享受健康的射击运动。

WARNING The safe lid should cover the muzzle. 安全盖一定要盖住发射口。



Please cover the muzzle with the safe lid, so that the BB bullets won't be shot randomly.

为了使BB弹不会随意发出，发射口一定要盖上安全盖。

SAFE LID 安全盖
* The safe lid should be the same shape of the gun.
* 安全盖不能像枪一样的形状。

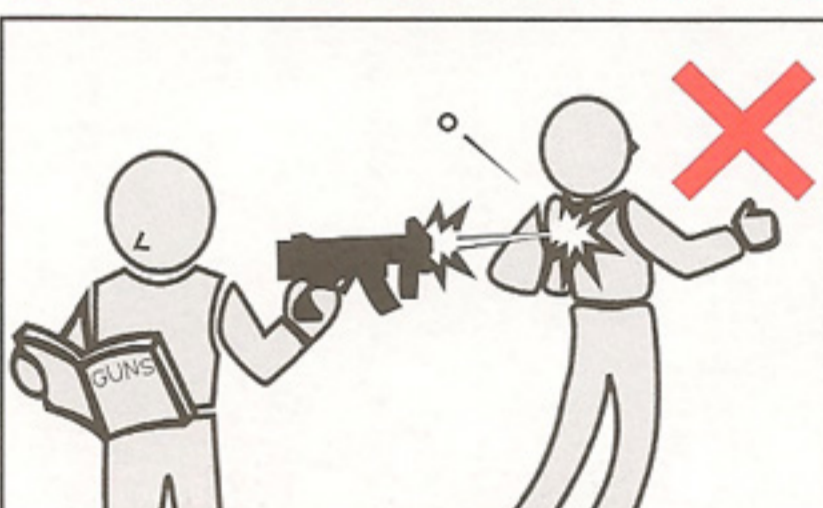
WARNING Never look into the gun muzzle. 禁止直接目视枪口



Looking into the muzzle is extremely dangerous, regardless of with or without bullets being installed, if a BB bullet hits your eye, you may, in the worst case, lose your sight.

无论是否有装子弹，直接看枪口是非常危险的，如果一粒BB子弹射击眼睛，最严重的情况可能导致失明。

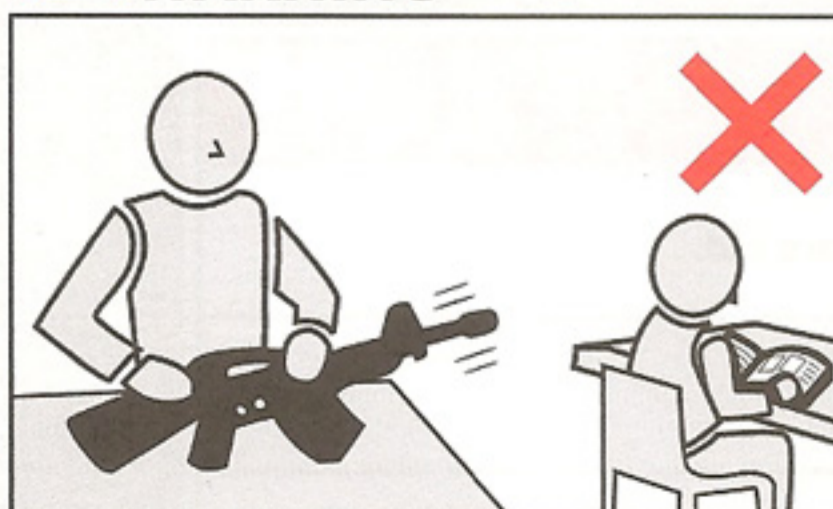
WARNING Avoid pulling the trigger carelessly. 避免随意扣动扳机



Activating the trigger carelessly is extremely dangerous. Never put your finger onto the trigger unless the protective plug is removed and you are ready to shoot a target.

随意扣动扳机是非常危险的，只有打开保护塞准备射击目标时才把手指放在扳机上。

WARNING Always direct the muzzle towards a safe direction.



枪口应对准安全方向
Never direct the muzzle towards a person, animal or other dangerous directions. Always attach the protective plug, except when you are ready to shoot a target.

枪口禁止对向人、动物或其他危险方向。除了准备射击时，保护栓必须扣上

WARNING Never shoot the air gun at places where people and cars pass cross. 禁止在人口密集处射击



Select a safe place for operating the air gun, avoiding places where people and cars pass cross or third persons are around.

选择安全的地方操作气枪，避免人口和车辆密集地段。

The operation procedure varies according to the model. Make sure to operate an air gun after recognizing its features.

We are not responsible for any accidents, events, injuries or repair costs arising from wrong operation and handing or by modification and disassembly of the gun.

操作程序根据模式而变化。操作气枪后要保证气枪回复原始状态。

对于错误所造成的意外、事故、受伤或维修费用，本司一概不负责。

Always read through this manual before operation.

在操作之前必须读熟这些说明书

experience unique feel of the air gun, which is a most suitable sport goods to improve your shooting bullets by 50 to 60 meters, careless shooting and wrong operation are dangerous, causing eye damage pleasant sport shooting.

伤的可能性, 所以请避免草率的射击和错误操作, 请务必通读警告条款, 遵守规则, 就能体验到射击运动的独特快乐!

shooting and wrong operation are dangerous, causing

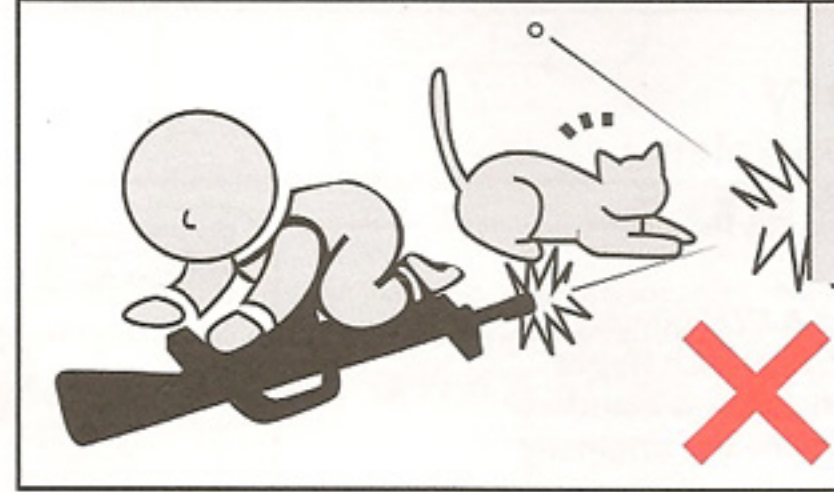
WARNING Always put the gun in a case or bag when you are carrying it. 把枪放入箱内或包内



When you carry the air gun, attach the protective plug, set the selector lever to the Safety position and put it in a case or bag.

把枪带在身边时, 要把保护塞扣上, 把选择杠调到安全位置, 并装入箱内或包内。

WARNING Store the air gun at places out of reach by children. 气枪放置地方应远离儿童



Always attach the protective plug to the muzzle, remove the battery and store the air gun in a case or bag and at a place out of reach by children so that they will not be injured during mischievous play.

为了避免受伤, 必须扣上保护栓, 取出电池, 并把气枪存放在儿童够不着的地方。

WARNING BB bullets may be shot out even if the magazine is removed. 即使取下弹匣, BB子弹仍有可能射出。



There are cases that bullets remain in the gun after the magazine is disconnected. Pulling the trigger carelessly is extremely dangerous. After removal of the magazine, direct the muzzle towards a safe direction and pull the trigger to confirm that no bullets remain in the gun. Then, attach the protective plug to the muzzle.

弹匣卸下后, 子弹仍有可能留在枪内, 草率扣动扳机是很危险的, 取下弹匣后, 把枪口朝向一个安全的方向射击以确定没有子弹留在枪内, 然后把保护塞扣上枪口。

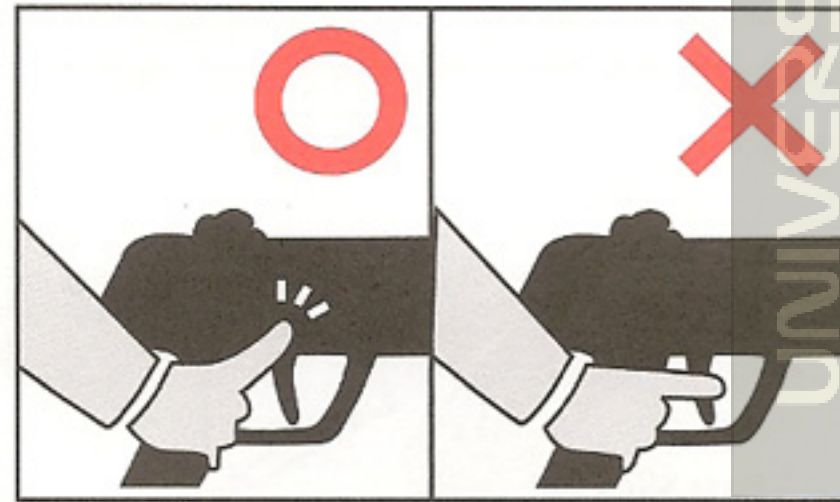
WARNING Always set the selector lever to the Safety position. 分离杠调至安全位置



① Set the selector lever to the Safety position. ② Remove the magazine. ③ Remove the batteries from the air gun.

(1) 分离杠调至安全位置。
(2) 卸下弹匣。
(3) 取出气枪内的电池。

WARNING Release put away your fingers from the trigger, except when you are ready to shoot a target. 停止射击时, 手指要放开扳机



Never put your fingers onto the trigger except when you are shooting a target. Maintaining your fingers on the trigger may cause sudden discharge for some reasons, which is dangerous.

只有当射击时才把手指放在扳机上, 手指停留在扳机上可能会因某些原因发射而导致危险。

WARNING Never disassemble or modify the air gun. 请勿擅自拆卸或重装此气枪。



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.

这款气枪的制造基于合适的构想, 有良好的性能和运作, 擅自拆卸和重装气枪将会产生危险或对其性能有不利影响, 因此, 请勿擅自拆卸或重装此气枪。

WARNING

- This air gun is capable of shooting 6mm diameter, plastic BB bullets by 50 to 60 meters. Operate the air gun under consideration of the performance and paying attention to safety.
- During a game, always pay attention that persons without wearing goggles or third persons non-members of the game are not within the estimated dangerous zone.
- Never direct the muzzle towards items subject to damage (glass, lamp, household apparatus, tableware, furniture, car, gas bomb, etc.).
- Never insert foreign matter other than BB bullets into the magazine and gun barrel.
- Because of the design of the air gun, there are places subject to entanglement of your fingers. Pay attention not to entangle your fingers when operating the sliding type stock (expand type stock), the stock of folding stock or opening/closing the ejection port.
- When no bullets are shot out while the trigger is operated correctly as instructed in the HANDLING CAUTIONS AND INSTRUCTION MANUAL and malfunctions caused by expiration of the product life or drop of the gun occur, never attempt to repair by yourself, but to take a contact to your dealer or our after-service department.
- The air gun must not be operated after drinking to avoid possible danger.
- Avoid storing the air gun at places subject to drop or falling down. Always store it at places out of reach by children and after attaching the protective plug to the muzzle and putting it in a package, case or bag. If you lose the protective plug, contact us for a replacement part at cost. Make sure to inform us of the model of the model of your air gun.
- Make sure to store the HANDLING CAUTIONS AND INSTRUCTION MANUAL at a safe place. If you lose the manual, consult us for a replacement copy.
- Observe warnings and cautions of the manual for the battery exclusively used for this air gun. Never short circuit the battery intentionally to avoid firing or explosion.
- Always use the exclusive battery charger when charging the battery.
- Malfunctions of the motor, battery and switches will occur if you drop the gun into water or apply a large amount of water to it, causing faulty operation. In such an event, immediately stop operating the gun, remove the battery and consult our after service dept.
- When no bullets are shot out while the trigger is operated correctly as instructed in the HANDLING CAUTIONS AND INSTRUCTION MANUAL and malfunctions caused by expiration of the product life or drop of the gun occur, never attempt to repair by yourself, but to take a contact to your dealer or our after-service department.
- Our exclusive optional parts can be installed to the electrical air gun. Carefully read the respective instruction sheets provided with options.
- For this air gun, consumable parts must be replaced after normal operation of about 30,000 bullets. Operation after expiration of part lives causes malfunctions and danger because of faulty operation. Consult our after-service department for overhaul maintenance.

- 使用6MM口径塑料BB子弹, 气枪能达到50-60米的射程。使用气枪时, 请考虑其性能并注意安全。
- 游戏时, 请注意是否有未使用眼罩的人以及未参与游戏的第三方在预计危险范围内。禁止把枪口瞄向危险物品(玻璃、灯、家用电器、餐具、家私、汽车、煤气瓶等)。
- 除了BB子弹外, 禁止放其他物品入弹匣。由于气枪的设计, 有几个地方容易缠住手指, 开关滑动仓和射击口时, 注意手指不要被缠住。
- 当按照操作手册正确操作时发现没有子弹射出或者因为产品过期出现功能失效时, 请勿尝试自己修理, 请联系供应商或售后服务部。为了避免潜在危险, 禁止酒后操作气枪。
- 避免把枪存放在容易坠落的地方, 扣上保护塞并放置在包、箱、袋里, 远离儿童。如果保护装置松了, 联系我们替换零件, 确保通知我们时告诉我们你的气枪的型号。
- 确保把操作指导手册放于安全的地方, 一旦遗失, 请与我们联系索取副本。使用手册上的指定的专用电池。为了避免着火或爆炸, 禁止故意令电池短路。
- 换电池时必须使用专用电池。
- 气枪掉进水里或大量的水渗入枪内, 马达、电池、开关可能会出现功能失效, 从而导致操作错误, 在这种情况下, 请立即停止使用, 取出电池并咨询我们的售后服务部。
- 当按照操作手册正确操作时发现没有子弹射出或者因为产品过期出现功能失效时, 请勿尝试自己修理, 请联系供应商或售后服务部。
- 我们专用的选用零件可以装上电子气枪。仔细阅读各个选用零件配备的说明书。
- 消耗零件在正常操作下使用大约30000粒子弹后必须更换。使用过期零件套由于错误操作导致功能不良和危险, 请咨询我们的售后服务部。



Read through this manual before shooting paying special attention for safe operation.
射击前请先阅读此手册，注意安全操作

Shooting Instructor 射击教师

- Thoroughly understand the warnings and cautions for safe operation.
* 请认真理解下面的警示，做到安全操作



Always observe warnings and cautions strictly. Failing to do so may cause injury, accidents or damage to the gun.
请严格遵守使用规定，否则将造成伤害或是枪支损伤。

1 Charging the Battery

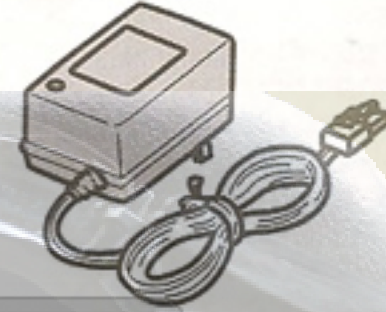
(Battery and charger sold separately.)

电池充电器（电池及充电器是可选的）。

- Use the specified battery for the gun, 8.4V1500mAh Hyper Command Battery (T3K3) 8.4V, 1100mAh Hyper Command Battery (T3K2). Avoid using of non-standard or other brand name batteries. Otherwise, the originally designed functions will not be obtained.
● 使用模型专用电池，8.4V1500mAh Hyper Command 电池（T3K3）。8.4V1100mAh Hyper Command 电池（T3K2）。请避免使用非标准或其他品牌的电池，否则将达不到设计要求。
- Use the specified battery charger which is applicable to the above battery, The charger Exclusive Type or Speed Charger. 使用上述电池专用充电器。
- The battery's capacity power is increased with use of the (battery) Discharger (Sold separately) 使用电池放电器将使电池电力得到提升（放电器单独销售）
- Use the correct battery and charger according to respective instruction manuals. We will not be held responsible for any accident or damage caused by wrongful operation usage of non-specified batteries. 请根据使用手册的提示选用正确的电池。对于错误使用非专用电池所造成的伤害我们不负责。

T3K3

- 8.4V Ni-Cd Battery Pack
- 8.4伏镍镉电池组



- Exclusive Charger for Ni-Cd Battery Pack
- 镍镉电池组专用充电器

T3K2

- 8.4V Mini Battery Pack
- 8.4伏迷你电池组

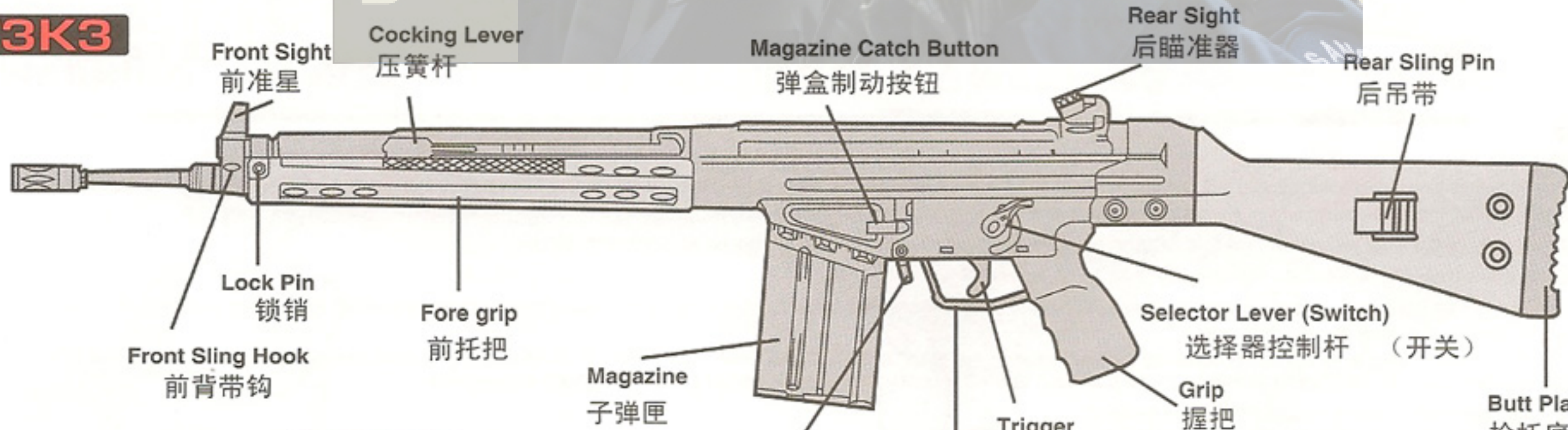


- Exclusive Charger for Mini Battery
- 迷你电池专用充电器

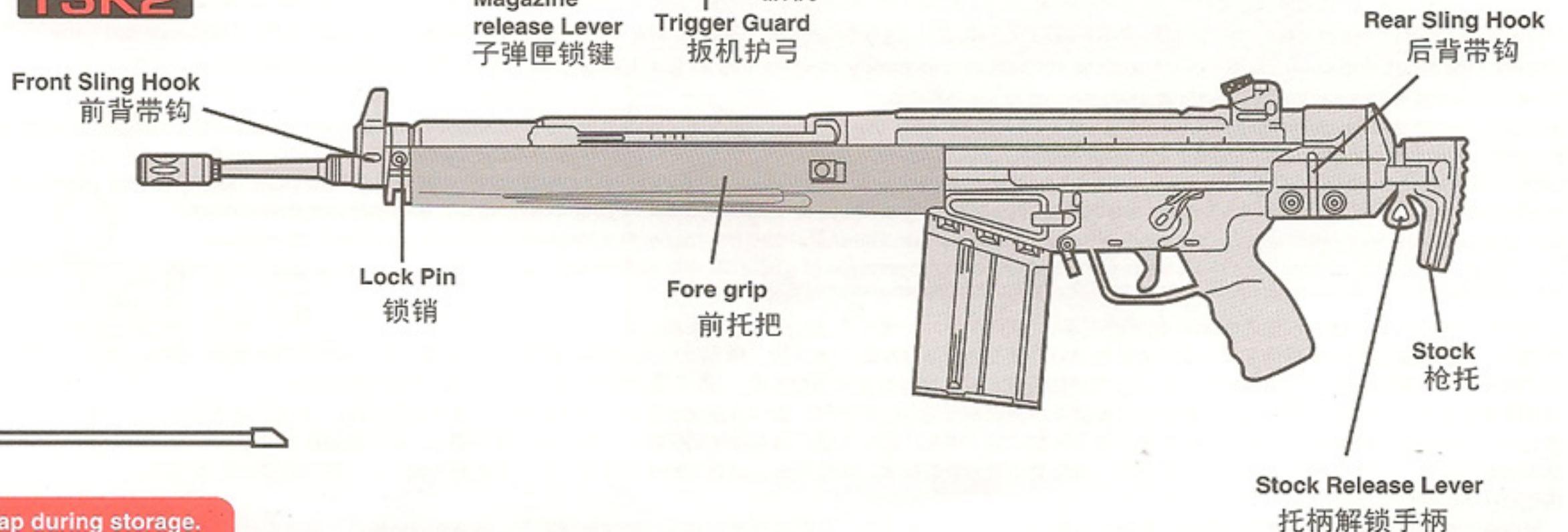
2 Description:

各部件名称（具体参考下页）

T3K3



T3K2



Protective Cap 保险盖



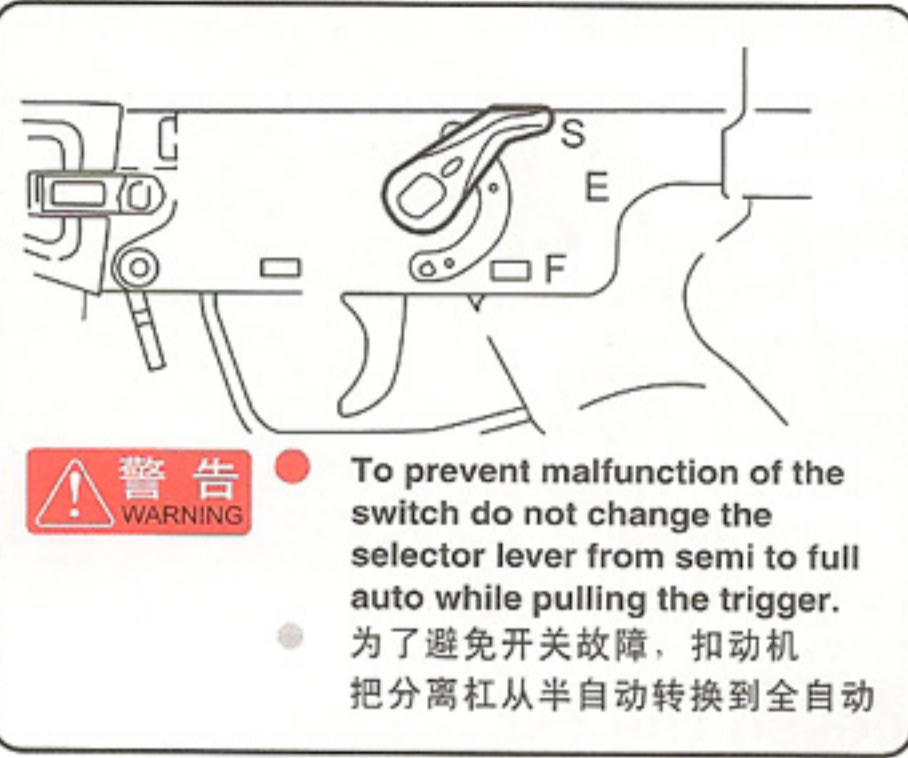
Cleaning Rod 清洁杆



Always attach the protective cap during storage.
储存时请始终盖上保护盖

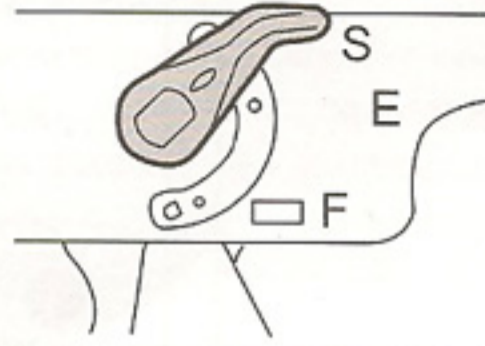
3 Selector Lever and Safety Setting 分离杠和安全设置

CAUTION Set the selector lever correctly in position; otherwise, malfunction may occur.
注意：正确设置分离杠位置，否则会出现故障。



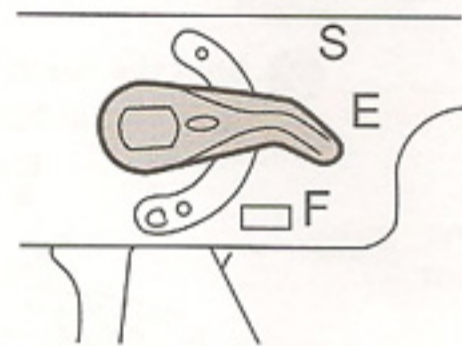
1 Safety Setting 安全设置

Always set the lever to the Safety position and attach the protective cap when you are not firing the gun or during storage.
当停止射击或储存时，把分离杠设置于安全位置并扣沙锅内保护塞。



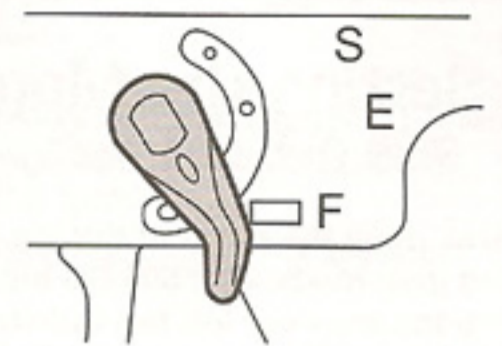
2 Semi Auto (Single Shot) 半自动 (单击)

The gun will fire one shot each time the trigger is pulled.
每扣扳机一次，气枪射击一次。



3 Full Auto (Automatic Firing) 全自动开火装置 (连击)

The gun will fire automatically while the trigger remains pulled.
按紧扳机时，该枪将自动射击。

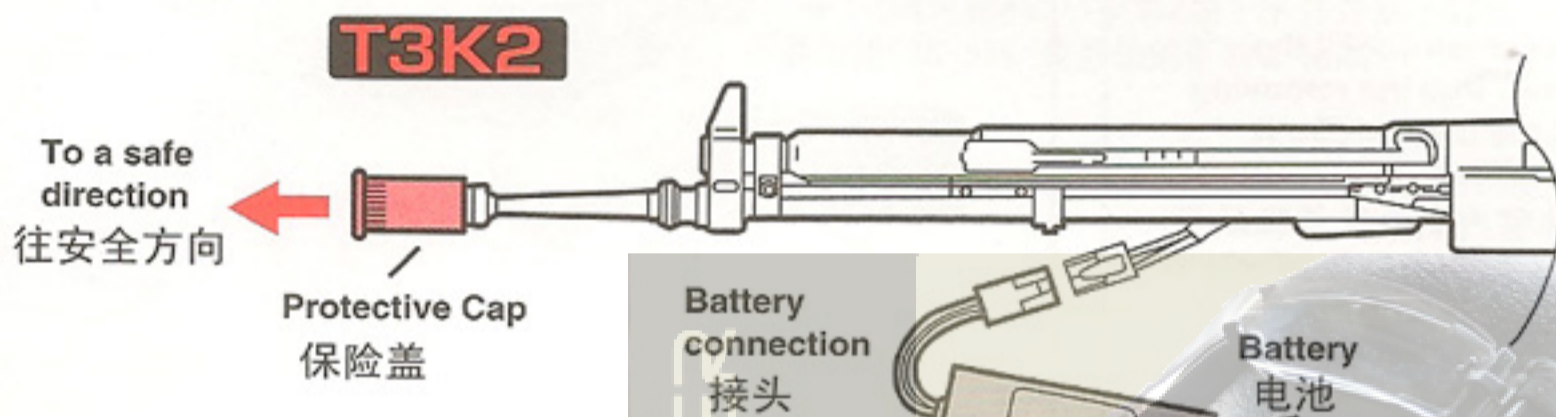


- To prevent malfunction of the switch do not change the selector lever from semi to full auto while pulling the trigger.
- 为了避免开关故障，扣动扳机把分离杠从半自动转换到全自动

4 Installation the Battery 电池安装



- Always attach the protective cap and disconnect the magazine to avoid sudden operation upon connecting the connector the battery.
- 连接电池和连接器时，请始终系上保护盖并拆下子弹盒以避免意外操作。



To a safe direction
往安全方向

T3K2

Protective Cap
保险盖

Battery connection
接头

Battery
电池

Set the battery (Conduct operation hereafter after charging the battery.)
安装电池 (电池充电之后进行操作。)

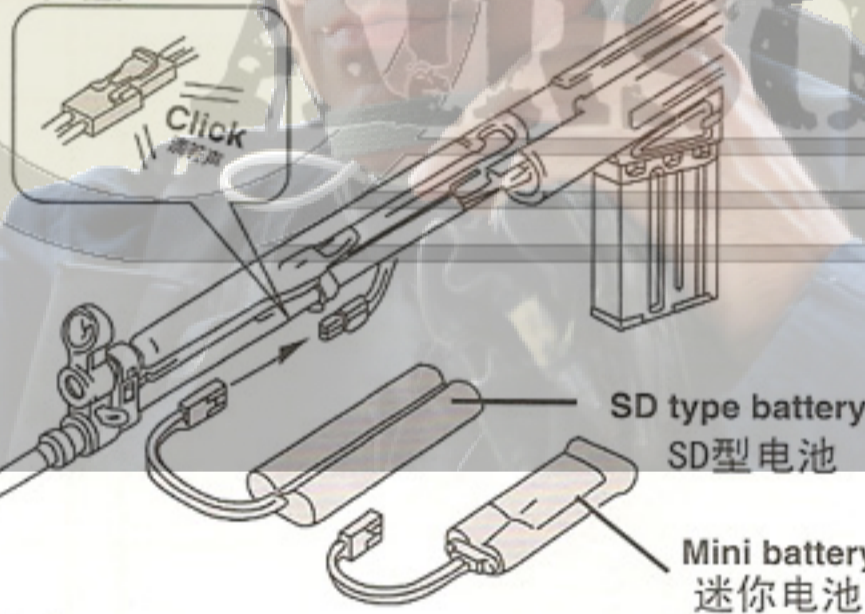
T3K2 Always use the mini type battery or SD type battery (8.4V, 1100mAh) exclusive for the T3K2
请始终使用T3K2系列专用的迷你型或SD型电池 (8.4伏, 1100毫安)。

- Remove the lock pin from the fore grip. Next, hold the gun with the tip of the fore grip facing downwards and remove it by sliding it entirely to the front.
将锁销从前握把上取下来。接下来将前握把面朝下，通过握住前握把的末端握紧枪支，将它完全推至最前端并取下来。

Protective cap
保险盖



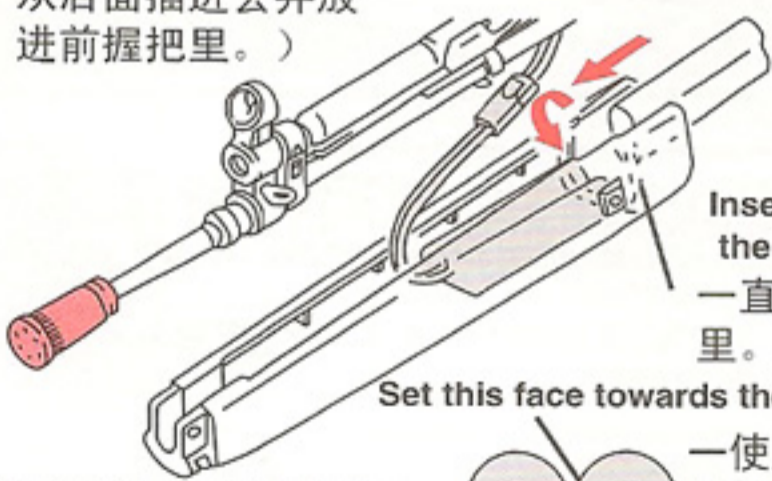
- Connect the gun's connector to the battery connector at the position shown.
将枪支连接器与电池连接器连接在如图所示的位置。



SD type battery
SD型电池

Mini battery
迷你电池

- Store the battery in the main body. (Hold the battery vertically, insert from its rear and lay down in the fore grip.
将电池藏在枪支机身中。(垂直地拿着枪支，从后面插进去并放进前握把里。)



Insert all the way up to the internal rib.
一直插进内肋条里。

Set this face towards the barrel.
使这一面朝向枪管。

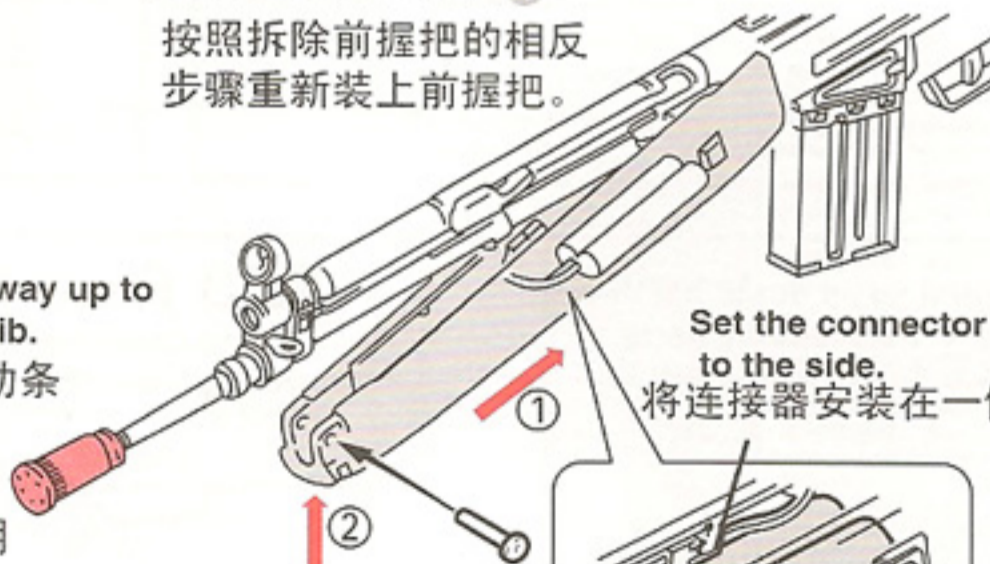
Sectional View of SD Battery
SD型电池截面图

The mini battery may be inserted in a vertical direction
按垂直方向插入迷你电池。



- Pay attention so that the connector is not caught between the outer barrel and battery. Be careful so as not to force the fore grip into place. Otherwise, the barrel and fore grip may be damaged.
- 注意连接器不要被卡在外枪管和电池之间。请注意不要用力使前握把复位。否则，枪管和前握把都会被损坏。

- Reinstall the fore grip in the reverse order of removal procedure.
按照拆除前握把的相反步骤重新装上前握把。



Pay attention not to locate the cord between the hand guard and cocking receiver.
注意不要将电线放置在护手和压簧机匣之间。

Sectional View
截面图

Orientate as shown below.
如下图所示，进行调整方向。

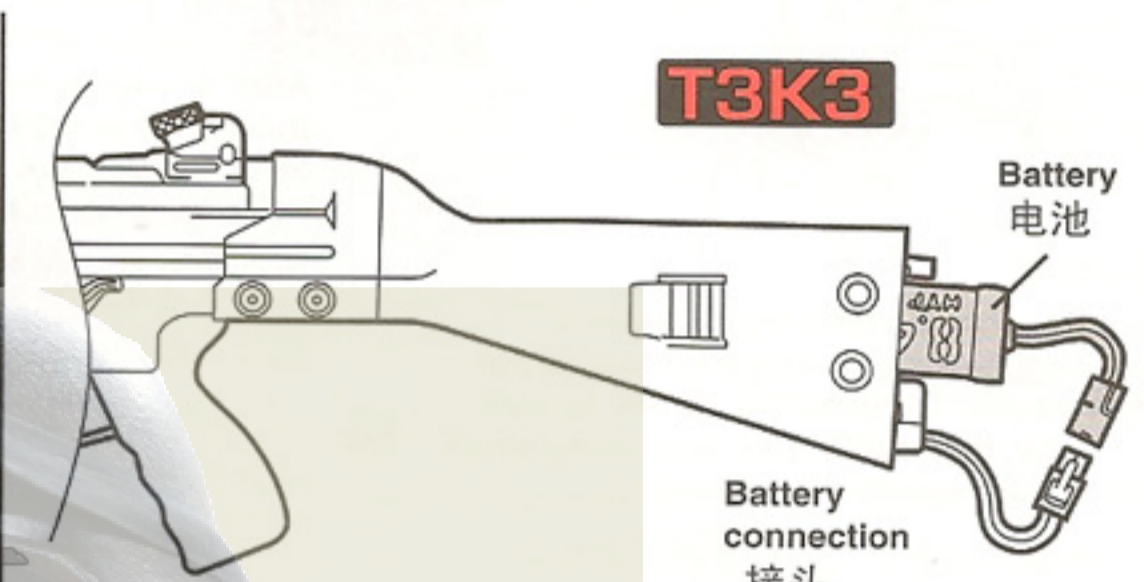
Fore grip
前握把



Cocking receiver
压簧机匣

Outer barrel
外枪管

SD battery
SD型电池

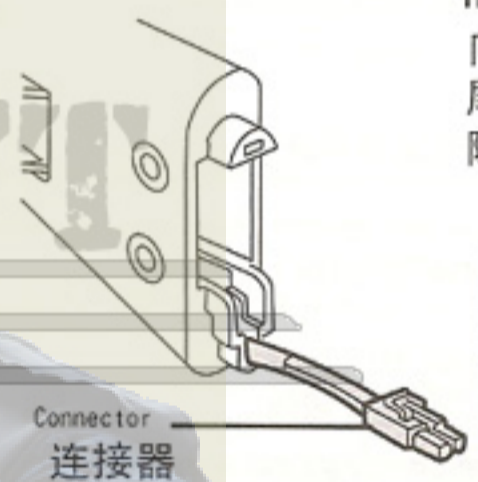


T3K3

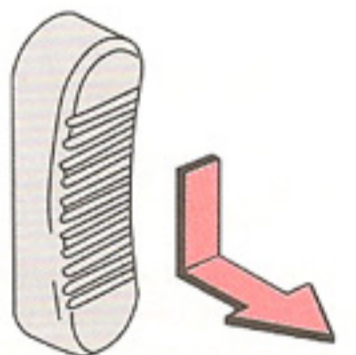
Battery
电池

Battery connection
接头

T3K3

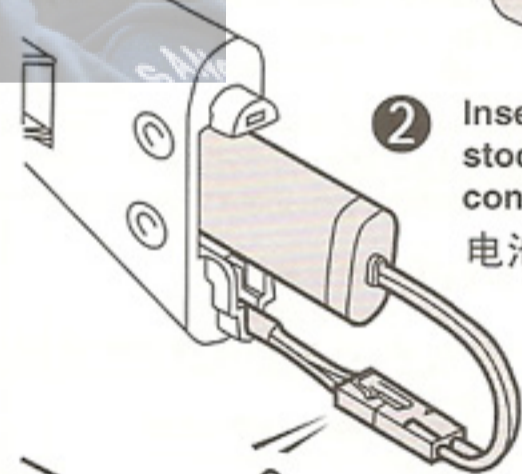


- Remove the butt plate by pressing it downwards and pull out the connector (Do not pull out the fuse box.)
向下按并拔出接口，取出尾盘。(切勿拔出保险丝盒)

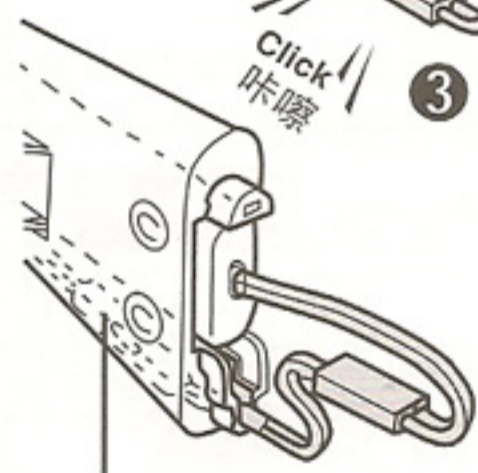


Connector
连接器

- Insert the battery in the stock and connect connectors
电池插入盒子，连上接口。

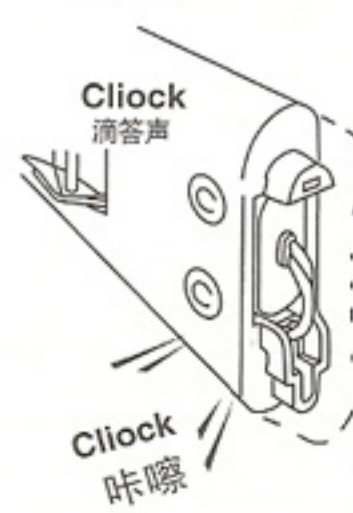


- Press down the fuse box and insert connectors and cords between the fuse box and battery. Bend cords in the S shape
向下按保险丝盒，把接口和线插入保险丝盒和电池之间，把线弯曲成S形。



Fuse Box
保险盒

- When the battery and cords are set in position, reinstall the butt plate as shown.
电池和线安装好后，按图所示重新安装尾盘



Click
滴答声

Click
咔嚓



● Always use the Marui BB Bullet for this air gun. We will not be held responsible for any damage and accidents arising from use of bullets supplied by other manufacturers. 此气枪必须使用BB子弹，任何因使用别的厂家生产的子弹而引起的意外或破坏，我们一概不予负责。

BB Bullet (0.2 g)
BB 子弹 (0.2 克)
from another manufacturer
由其它厂家生产的。

5 Setting the Magazine 子弹仓安装

1 First, open the hatch at the top of the magazine and then load it with 500 BB bullets. (Never put into too many or too few bullets.)

首先请将子弹匣顶部的舱口打开，装入大约500发BB弹（请勿装入过量或过少）

Loading hole for BB bullets
BB 弹装入口

Outlet
出口

Removing lever
解除杆

图1

3 Then face the loading hole for BB bullets upward and turn the gear at the bottom as per the arrow shown. While turning, it will squeak until it cracks, that's O.K. (It's only idling when BB bullets are insufficiently loaded.)

然后把BB弹装入口朝上，底部齿轮按箭头所示方向尽量旋转，当听到转动的声音从“吱吱”声转到“喀喀喀”声时表示已经OK。（如果BB弹装入量过少时只能是空转。）

※ Turn the gear until the sound is different. If means OK.

转动齿轮直到转动声音起变化就表示OK。



图3

※ It will cause no malfunction even if you turn it to the full. 即使尽量转动也不会出故障。

4 Face the outlet up ward as illustrated in picture 1 and then put in to the BB bullets. Check it a gain before it is connected to the gun. 把弹匣如图1所示出口朝上，把BB弹装入，确认无误后再把弹匣安装到枪体上。

Because of the flex capacity of the spiral power spring, if you want to shoot 500 bullets, you must turn the gear for more than twice.

因发条的伸缩能力关系，如果要把500发子弹射完，必须转动齿轮2次以上。

※ Slightly turn the gear again to shoot the last 50-60 bullets left in the magazine.

稍微再转动齿轮就可以把最后剩下的50-60发子弹顺利发射出去。

2 Shut the hatch until it snaps. 关闭时会听到BB弹舱口发出“啪嗒”一声。

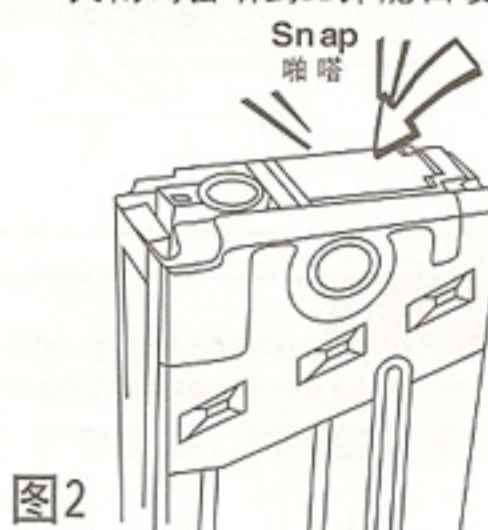


图2

After shooting, please clean out all the bullets left in the barrel. Pull the removing lever to clean out all the bullets. (Do it twice for smooth operation)

射击结束后，请将导管内剩余的子弹从子弹匣里面倒出，拉一下图1中所示解除杆倒出子弹。（2次以内操作可顺利完成）

5 Always set the magazine up wardly. First, align to the groove shown by an arrow and press in the rear of the magazine. 从上方安装子弹仓。首先，按箭头所示对准槽位，并把它装如子弹仓的后面。



Hook
先安装子弹匣卡扣。

2 Press to the rear 向后按

3 Press the release lever towards the trigger to lock 朝扳机方向按下释放锁定

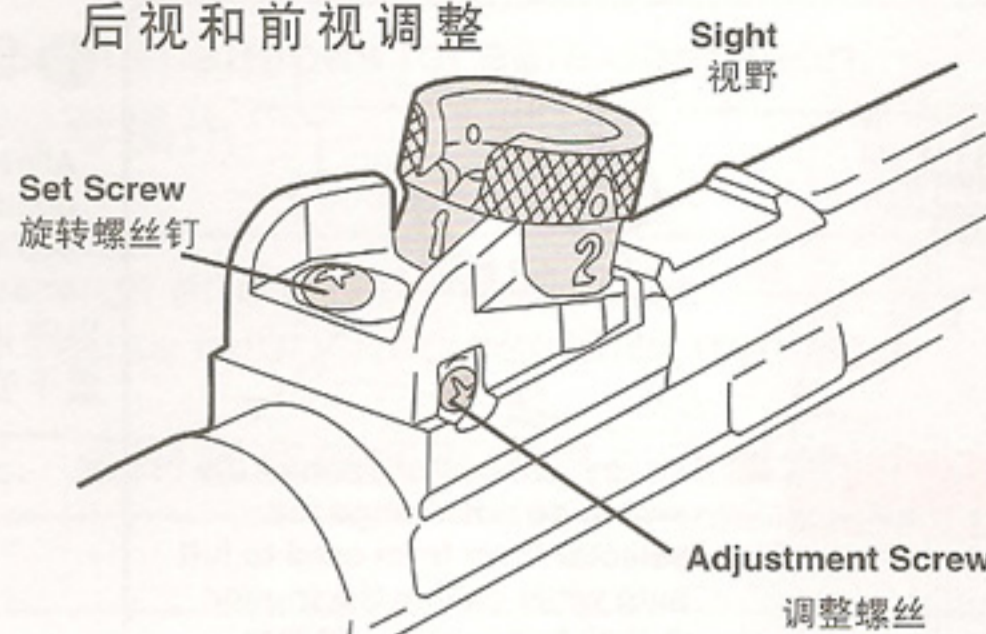
Bullet stopper releasing lever
子弹塞入取出杆



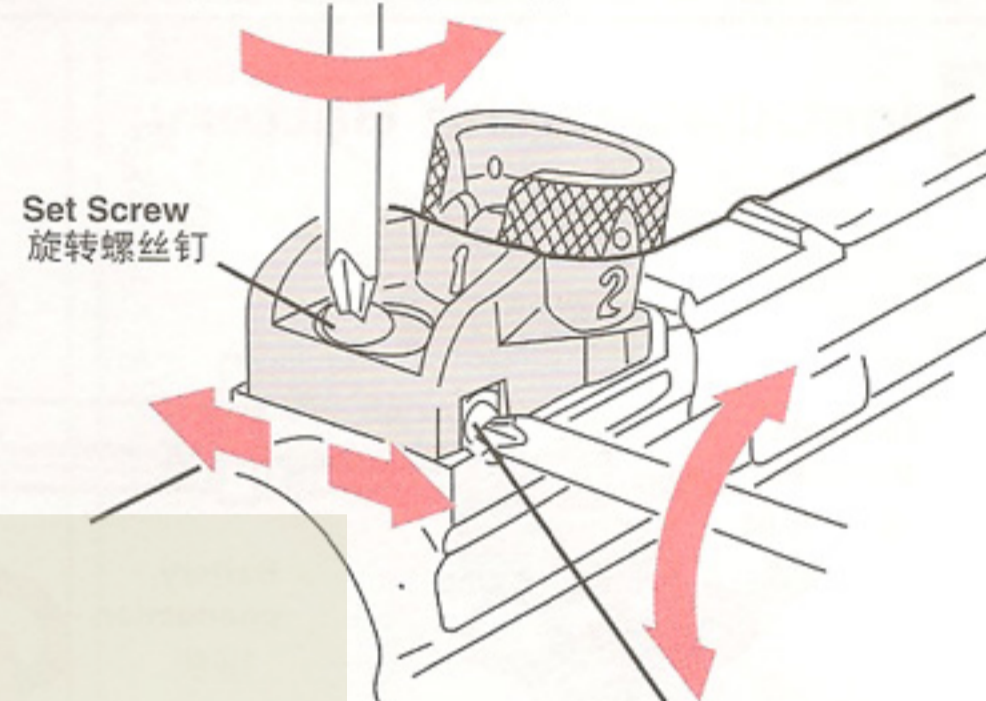
Slide the lever in the arrow direction to remove remaining BB bullets. (Be careful since BB bullets may jump out.)

按箭头方向滑动控制杆，取出射击剩下的BB弹（小心BB子弹可能跳跃外面）。

6 Rear Sight and Front Sight Adjustments 后视和前视调整



1 Loosen the set screw. 松开固定的螺丝钉



2 to move the sight turn the adjustment screw Using a screwdriver. 用螺丝刀转动调节螺丝钉以移动瞄准器。

Turning clockwise: Raises the bullet hitting point. 向右旋转的话着弹点向右

Turning counterclockwise shifts the sight point to the left. 向左旋转的话着弹点向左。

3 When adjustment is complete, tighten the set screw. 调整完成后，拧紧固定螺丝。



For precise targeting, Select the suitable 1 among 4 holes. 为精确地瞄准，请在1至4中选择合适的射击孔。

7 Movable Parts 可移动零件



● Be careful so as not to catch your fingers in the movable parts. 切勿把手指卡在可移动零件中。

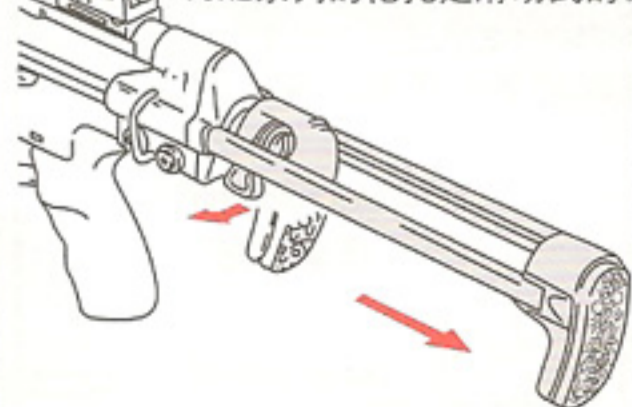
Protective cap
保险盖



Variable hop-up dial
可变式上旋调谐钮

Cocking lever can be moved. At the same time, the ejection port can be opened and closed. 压簧杆可以移动。同时，退弹孔也可以打开或关闭。

For T3K2, the stock can be slidden. T3K2系列的枪托是滑动式的。



Slide by pulling the stock release lever. 按下枪托解锁手柄即可滑动。

T3K3 Rear Sling Pin T3K3系列后枪背带锁扣

If your sling cannot pass through the k3 rear sling hook, remove the pin once, pass the sling through and then reinstall the pin.

如果枪背带不能穿过K3的后枪背带钩，先拆下锁扣，再穿过背带，然后再重新装上锁扣。



Pin 钉

Sling belt
弹弓带子

● Remove the pin using a precision (-) screwdriver while pressing the pin in the arrow direction (It cannot be pulled out unless removed while pressing in the arrow direction.)

Pass through the pin and fix by tightening using a screwdriver. 穿过锁扣，然后用螺丝刀将其固定好。

● 按箭头方向按住锁扣的同时使用精密的一字型螺丝刀拆下锁扣。（只能按箭头方向按下并拆下将锁扣拔出来。）

※ Thread is provided midway on the pin. Thereafter, it will not turn (nothing happens even if it is turned further). 将线从锁扣中间穿过。此后，将不能转动。（无论怎样转动，也没什么变化。）



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.

半自动开火设置状态下，可能会出现扣动扳机后不能开火的情况。在这种情况下，请勿使劲扣动扳机。设置全自动状态下，射击5-6下然后返回自动操作。



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

当新枪刚操作时，发动机会散发气味，这属于正常现象。



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

在使用硅油后，可能会200-300轮射击中跳跃操作会出现不稳定现象，这属于正常现象。

8 FIRING (Confirm your shooting area is safe before beginning firing.)

开火 (开火前确保射击地方是安全的)

Remove the protective cap only when you are ready to fire the gun.

移动保护盖只有当你准备好的时候才点燃枪

Cautions on Motor and Battery 发动机和电池使用注意事项

- Charge the battery if the firing cycle becomes slow.
- 当开火速度变慢，请充电。
- 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.
- 为了确保发动机和电池的寿命，在开火500轮后，给气枪5-10分钟的间歇。

When Bullets Are Clogged 子弹堵塞

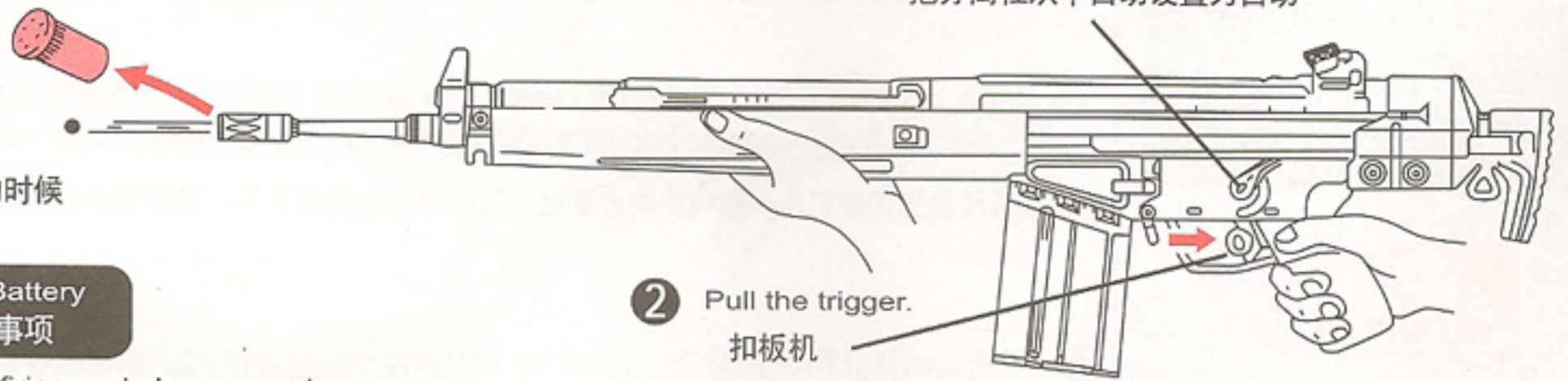
- If bullets are clogged, remove them (see 20n page 8) and apply a few drops of silicone oil into the chamber from the magazine entrance as shown or spray silicone oil for 0.5 to sec, to obtain smooth continuous firing. (never use CRC-556 or other mineral oil)
- 如果子弹堵塞，卸下(请见第8页11步第2项)子弹并从子弹仓入口处滴几滴硅油或者喷硅油喷雾0.5到1秒，(不要使用CRC-556 或其他的矿物油)

After Operation 使用

- 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.
- 卸下子弹仓，把设置为半自动模式的枪口朝向安全方向。(否则，弹簧可能会变弱。)把分离杠调至安全位置。
- 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.)
- 即使子弹仓里没有子弹，或者子弹仓已拆卸，仍然可能有子弹留在枪内。(有2-3粒BB子弹从子弹仓掉出属于正常现象)
- Always disconnect the battery and attach the protective cap whenever you don't operate the air gun.
- 不用使用该气枪时，请务必取出电池并系上防护帽。

Always attach the protective cap during storage.
储存时请始终盖上保护盖

- 1 Set the selector lever to Semi or Full Auto.
把分离杠从半自动设置为自动



- 2 Pull the trigger.
扣扳机

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

注意 设置弹盒后扣动扳机出现空弹射击，是属于枪的正常情况



9 TROUBLE CLINIC (TROUBLESHOOTING)

故障诊断 (故障排除)

Never use BB bullets other than those supplied by . Use of poor quality BB bullets will cause problems. Never disassemble or modify the gun.
千万不要使用厂家提供之外的BB子弹。使用质量不符合要求的BB子弹将可能导致问题。不要拆卸或改动气枪。

Symptom 症状	Cause 原因	Action 采取的措施
No operation at all 根本无操作	Selectpr lever is set to Safety 调速(器)杆被设置在安全状态	Set the selectr lever to Semi or Full Auto. 将调速(器)杆设置在半自动或全自动状态
	Battery is not charged. 电池未充电	Charge the battery. 对电池进行充电
	Battery connector is disconnected. 电池连接器被切断	Connect the cinnector. 连接上连接器
	The ⊕ and ⊖ of battery connector is reversed. 正极或负极或电池连接器是反向的	Connect the connector correctly (check the fuse). 正确地连接连接器(检查保险丝)
	Fuse is blown out. 保险丝爆裂	Replace the fuse. (See page 8.) 替换保险丝
Although motor is revolving, gun doesn't fire 虽然马达已拆除，但枪不走火	Bullets are clogged inside thv e magazine 子弹被阻塞在了弹盒内	Insert the charging rod into the magazine and move it up and down a few times to remove clogged bullets. 向弹盒内插入装弹杆并上下移动几次，以拆下阻塞的子弹。
	Bullets are clogged the chamber 子弹被阻塞在了枪膛内	Remove clogged bullets using the cleaning rod. (See page 8.) 利用通条拆下阻塞的子弹。??????????
	Faulty gear 齿轮故障	Purchase the replacement gear from your dealer or Marui and repair. 从您的经销商或向我们购买替换齿轮并对故障齿轮进行修理。
Impossible full-auto operation (automatic firing) 全自动操作不可能(自动射击)	Insufficient battery power 电池电力不足	Charge the battery. 对电池充电
	Faulty bullet feed of magazine 子弹喂入弹盒时发生故障	Repair clogging of the magazine. 清理堵塞的弹盒
Impossible semi-auto operation (single shot) 半自动操作不可能(单发射击)	Poor electrocal connection 电路连接不良	Consult your dealer or Marui for overhaul maintenance or repair. 向您的经销商或向我们对检修或修理操作进行咨询
	Deviation in gear timing 齿轮定时发生偏差	Set to semi auto after firing 5 to 6 shots in full auto. 在全自动射击5-6发后设置成半自动状态。

Symptom 症状	Cause 原因	Action 采取的措施
Impossible semi-auto operation (single shot) 半自动操作不可能(单发射击)	Insufficient battery power 电池电力不足	Charge the battery. 对电池充电
	Poor electrical connection 电路连接不良	Consult your dealer or Marui for overhaul maintenance or repair. 向您的经销商或向我们咨询检修或修理事宜
Automatic firing cycles become long. 自动射击循环时间变长	Insufficient battery power 电池电力不足	Charge the battery. 对电池充电
	Worn or damaged chamber packing 弹膛包装磨损或损坏	Consult your dealer or us for overhaul maintenance or repair. Replace the chamber packing, piston packing (O-ring) and piston assembly. 向您的经销商或向我们咨询检修或修理事宜。替换弹膛包装、活塞包装(O-形环)和活塞组件。
Shooting distance become shorter. 射击距离变短	Worn or damaged piston packing (O-ring) 弹膛包装磨损或损坏(O-形环)	Consult your dealer or us for overhaul maintenance or repair. Replace the chamber packing, piston packing (O-ring) and piston assembly. 向您的经销商或向我们咨询检修或修理事宜。替换弹膛包装、活塞包装(O-形环)和活塞组件。
	Deteriorated piston spring 活塞弹簧老化	Consult your dealer or us for overhaul maintenance or repair. Replace the chamber packing, piston packing (O-ring) and piston assembly. 向您的经销商或向我们咨询检修或修理事宜。替换弹膛包装、活塞包装(O-形环)和活塞组件。
Too loud operating noise 操作噪音过大	Faulty BB bullets (too small or heavy) BB子弹故障(太小或太重)	Use the genuine BB bullets. 采用真正的BB子弹
	Shortage of silicoe oil 齿轮有缺油或损坏	Drop a few drops of silicone oil from under the chamber. 从弹膛下方部位滴几滴硅油。
Bullets being follen out from barrel end 子弹自枪管末端掉落	Gear problem caused by excessive blank firing 由于空发射击过多而导致的齿轮问题。齿轮磨损或损坏	Consult your dealer or us for overhaul maintenance, part replacement (gear, etc.) Or repair. 向您的经销商或向我们咨询检修、部件替换(齿轮等)或修理事宜。
	Worn or damaged gear 齿轮磨损或损坏	Consult your dealer or us for overhaul maintenance, part replacement (gear, etc.) Or repair. 向您的经销商或向我们咨询检修、部件替换(齿轮等)或修理事宜。
Being wet by or dropped into water (rain) 由于水或落入水中而变湿(雨水)	Gear problem caused by excessive blank firing 空表太过造成齿轮异常	Consult your dealer or us for overhaul maintenance, part replacement (gear, etc.) Or repair. 向您的经销商或向我们咨询检修、部件替换(齿轮等)或修理事宜。
	Worn or damaged chamber packing 弹膛包装磨损或损坏	Consult your dealer or us for overhaul maintenance or repair. Replace the chamber packing, piston packing (O-ring) and piston assembly. 向您的经销商或向我们咨询检修或修理事宜。替换弹膛包装、活塞包装(O-形环)和活塞组件。
Being wet by or dropped into water (rain) 由于水或落入水中而变湿(雨水)	Faulty BB bullets (too small) BB子弹故障(太小)	Use the genuine BB bullet. 采用真正的BB子弹
	Worn or damaged chamber packing 弹膛包装磨损或损坏	Consult your dealer or us for overhaul maintenance or repair. Replace the chamber packing, piston packing (O-ring) and piston assembly. 向您的经销商或向我们咨询检修或修理事宜。替换弹膛包装、活塞包装(O-形环)和活塞组件。
Being wet by or dropped into water (rain) 由于水或落入水中而变湿(雨水)	Stop operation immediately, disconnect the battery, wipe off 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. 立即停止操作，卸下电池，擦干主体内部和电池的水，并在完全干燥后，进行射击试验操作。如果未检测无法操作或故障，请向您的经销商或向我们咨询进行修理。	Consult your dealer or us for overhaul maintenance or repair. Replace the chamber packing, piston packing (O-ring) and piston assembly. 向您的经销商或向我们咨询检修或修理事宜。替换弹膛包装、活塞包装(O-形环)和活塞组件。
	Worn or damaged chamber packing 弹膛包装磨损或损坏	Consult your dealer or us for overhaul maintenance or repair. Replace the chamber packing, piston packing (O-ring) and piston assembly. 向您的经销商或向我们咨询检修或修理事宜。替换弹膛包装、活塞包装(O-形环)和活塞组件。

Always use the genuine 0.2 BB bullet for Electric Gun.

电子枪使用正牌0.2 BB子弹



- if the hop-up is adjusted excessively causing clogging of bullets, immediately stop operating the gun, return the dial to Normal, fire 2 or 3 shots and readjust. 如果跳跃调整不当会导致子弹堵塞, 立即停止使用, 把调整杆恢复到正常状态, 开2-3枪然后重新调整。



- 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. 由于枪管的精细性, 使用脏子弹或暴烈的子弹会导致子弹堵塞, 甚至可能导致机器盒和系统的损坏。



- Never hold the gun sideways as the BB bullets will curve right or left. This is due to the HOP-UP system. 禁止在人行道玩枪, 由于跳跃系统BB子弹可能会偏向左或右边。



10 Variable Hop Up System

跳跃系统的易变性

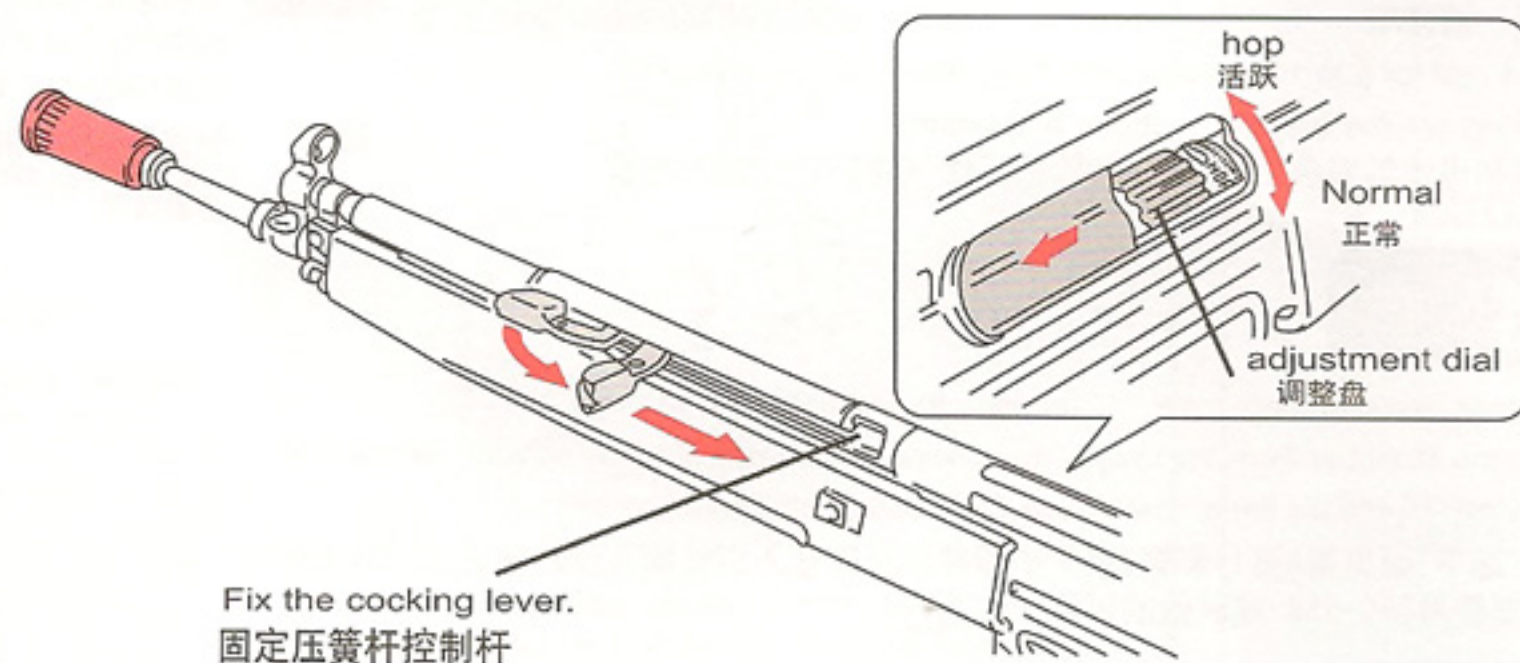
(Make sure to read through this page if you purchased the hop-up version.)

(如果购买跳跃版本, 请务必仔细阅读此页)

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

这个系统的应用使它比一般气枪射击更远距离。与固定类型不同, 跳跃系统的不稳定能够用按键和杠杆调整, 使它成为理想的跳跃系统。

► Adjustment Procedure (Adjust by carrying out trial firing, referring to 8 on page 6 of the instruction manual.)
调整步骤 (参照操作手册第6页第8页调整试验开火)



- The best position is where the bullets fly horizontally, and the longest flying distance is obtained. 最佳位置是子弹水平方向射出, 此位置能使子弹达到最远射程。

- Gradually turn the adjustment dial towards Hop to give hop up to bullets. (The best setting is where bullets fit horizontally.) 把调整键慢慢调向跳跃方向。(最佳设置为子弹水平方向射出)
- Turning excessively adversely affects the trajectory. So, stop turning the dial when bullets fly horizontally. 调整不当会对弹道产生不利影响, 所以当子弹水平方向飞行时停止调整按钮。

Operational Cautions (Strictly observe the following cautions.)
操作注意事项 (请严格遵守以下注意事项)

- Moving the lever too much towards HOP causes bullets to clog. Firing the gun with clogged bullets damages the piston and gears. 调整杆过度调向跳跃方向会导致子弹堵塞, 子弹堵塞的情况下开火会导致活塞和齿轮的损坏。
- If bullet clogging occurs, immediately stop firing the gun, return the hop dial to the Normal position and remove clogging bullets using the cleaning rod. (See (2) on page 8.) 如果子弹堵塞, 请立即停止, 把跳跃杆调至正常位置, 用清洁棒取出堵塞子弹。(详见第8页第11步第2项)
- Make sure to return the hop dial to the Normal position when removing clogged bullets or cleaning. (Otherwise, the chamber packing is damaged.) 取出堵塞子弹或清洁后, 请确保把杆调回正常位置。(否则, 弹膛垫物会受损)
- Never use used and dirty bullets. 不要重复使用子弹和使用脏子弹。
- When about 10,000 rounds are fired, spray silicone oil into the chamber for 0.5 to 1 sec. (See 11 on page 8. The hopping up operation may be unstable for 200 to 300 rounds after spraying the silicone oil, this is the normal operation of the gun.) 射击大约10000轮后, 用硅油喷弹膛0.5-1秒。(详见第8页第11步, 在喷硅油后, 200-300轮射击的跳跃操作会不稳定, 这属于正常现象)
- We will not be held responsible for any damage or accidents arising from wrongful operation, disassembly and modification of the air gun. Any costs for repair of such damage shall be paid by the user. 由于错误操作, 重组或改装气枪所引起的损坏或意外, 我们一概不予负责, 所有由此产生的维修费用由用户自行承担。

When Hopping Up is Improper 当上跳不正确时

Symptom 症状	Cause 原因	Action 采取的措施
Bullets flying upwards 子弹向下飞行	Too much hop setting 上旋设置过度	Gradually return hop dial towards Normal. 缓慢地将调节标盘调至标准位置
Short flying distance of bullets (less hopping up effect) 子弹的飞行距离较短 (上旋效果弱)	Too much hop setting 上旋设置过度	Gradually return hop dial towards Normal. 缓慢地将调节标盘调至标准位置
	Hop packing contaminated by oil or dirt 油污污染可跳包装装置	Fire bullets equivalent to 4 to 5 magazines or clean the chamber using cleaning rod. 射击4-5弹盒子弹或利用通条清洁腔室
	Worn or damaged hop packing 跳包装装置磨损或损坏	Purchase the replacement part at your dealer. 向您的经销商购买替换部件并进行替换

Symptom 症状	Cause 原因	Action 采取的措施
Cannot adjust 无法调节	Damaged adjustment dial or other parts 调节标盘或其它部件损坏	Purchase the necessary replacement part at your dealer. 向您的经销商购买替换部件并进行替换
Frequent bullet clogging 子弹经常发生堵塞	Too much hop setting 上旋设置过度	Gradually return hop dial towards Normal. 缓慢地将调节标盘调至标准位置
	Improper or too large sized BB bullets BB子弹尺寸不合适或过大	Use the BB Bullets supplied by dealer. 使用经销商提供的BB子弹
	Dirty hop packing 跳包装装置有灰尘	Clean using the cleaning rod or consult your dealer. 利用通条进行清洁或向您的经销商进行咨询以便修理。

11 Maintenance 维护

1. Fuse Replacement Procedure 保险丝更换步骤

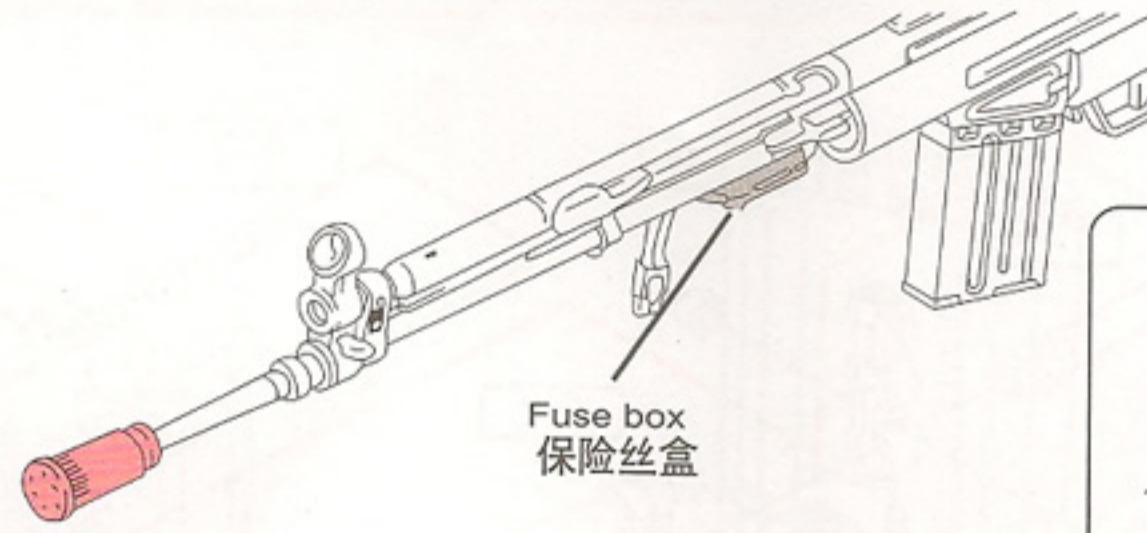
T3K3 The fuse box comes out when the connectors are pulled out of the stock.

将连接器取出枪托后，即可取出保险丝盒。

Fuse box (when fuse is replaced push into the stock all the way.)

保险丝盒（更换保险丝时，要一直推动枪托。

T3K2 The fuse box is accessible when the fore grip is removed 拆下前握把后即可看到保险丝盒。



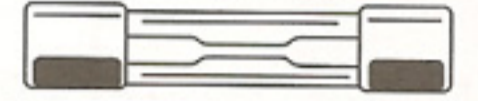
Fuse box 保险丝盒

Glass tube fuse

玻璃管式保险丝

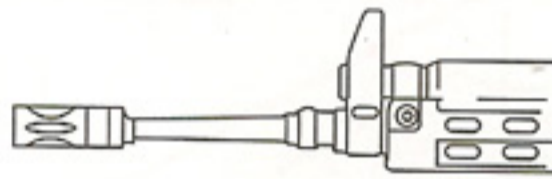
You can buy it at a near-by electric shop or gas station.

可以在附近的电子商店购买
15A Fuse common for electric gun series
适用于电动枪的普通15安
保险丝商店购买



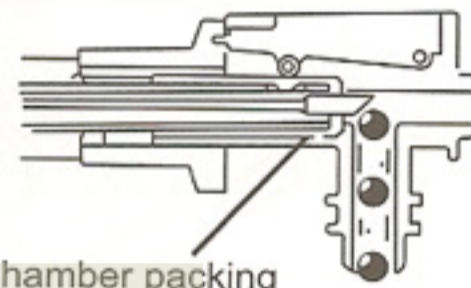
2. Removing Clogged Bullets 拆卸堵塞子弹

- 1 Insert the cleaning rod from the lead edge of the barrel. 从枪管的铅边缘插入清洁棒。



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

确保清洁棒的角部分向下，并清除堵塞子弹。



Chamber packing 弹匣

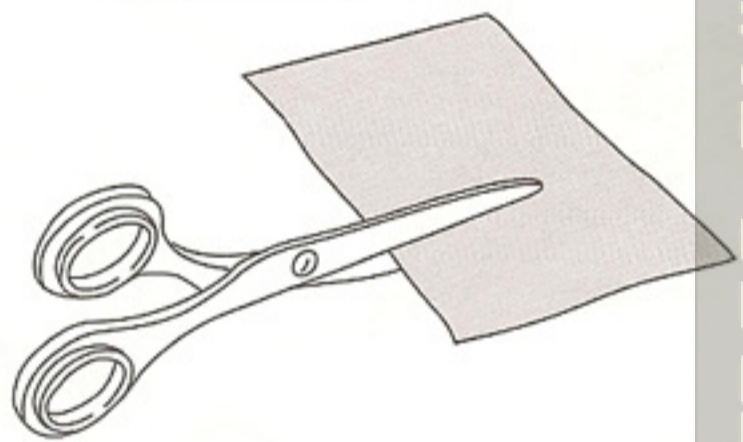


注意
CAUTION

Make sure to insert the cleaning rod AFTER returning the hop up dial to the Normal position.(HOP-OFF)

确保跳跃调整杠回复到正常位置才能插入清洁棒。

3. Maintenance When Bullet Speed Becomes Low 拆卸堵塞子弹



Cotton cloth 棉布
Length: Approx 25-30mm 长度: 约 25 - 30 mm
Width: Approx. 10mm 宽: 约 10 mm

Wind the cut cotton cloth 将棉布卷绕。

Cut the cotton to the size shown. Adjust the length accordingly so that it can be inserted smoothly into the barrel.

如图所示，剪下棉布。相应地调整长度以便顺利地插入枪管。



注意
CAUTION

- Make sure to insert the cleaning rod AFTER returning the hop up lever to the Normal position.(Hop-OFF)

● 确信在将上跳标度盘返回至正常(NORMAL)(开启)位置后插入通条。

- Cut the cotton cloth as illustrated. And then pass it through the hole of the cleaning rod and wind it properly.(the thickness and length of the cotton cloth should be suitable to be inserted into the barrel for cleaning.)

● 将棉制品如下图所示的比例剪下，然后将剪下的棉布穿过清洁杆的小孔缠绕好。(棉布的厚度和长度要适中，可以伸进枪筒清洁。)

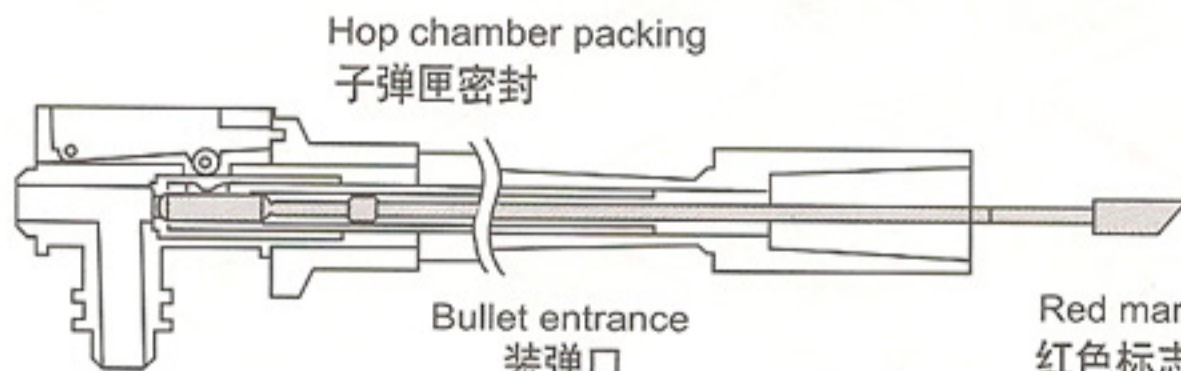
Hold at the leading end of the rod and insert it into the barrel while turning the rod.

握住通条的前端，边转动通条边插入枪管里。

CAUTION Inserting the rod will be difficult if you hold rod at the end.
注意 当你拿着杆尾时，插入清弹杆就比较困难。

- 1 Drop a few drops of silicone oil or Teflon oil in the bullet entrance. Insert BB bullets into the magazine and fire bullets equivalent to 1 or 2 magazines. 从子弹入口处滴入几滴硅树脂油或特氟龙油。将BB弹装入子弹盒，可发射1至2盒子弹。

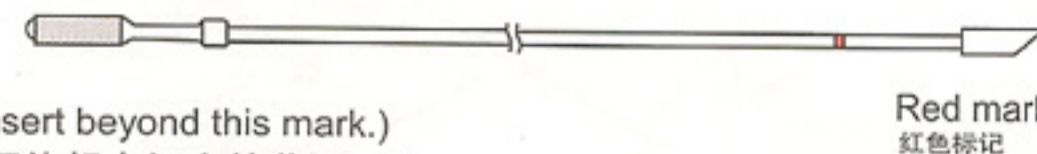
- 2 To complete the cleaning, use the cleaning rod (with cotton) as shown below, to remove excess oil. 用下图如示的清弹杆（带棉花）擦掉多余的油以完成清洁。



Hop chamber packing 子弹匣密封

Bullet entrance 装弹口

Red mark (Do not insert beyond this mark.) 红色标志（插入时不能超出标志的范围。）



Red mark 红色标记

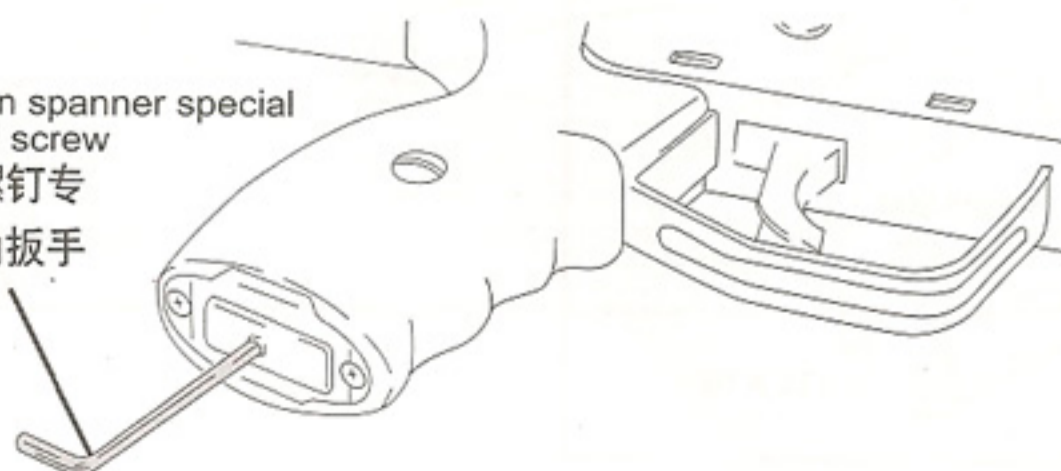
Spray a few drops of silicon oil or Teflon oil. 用一滴硅油或者特氟龙油滴上。

4. Fine Adjustment of Gear Engagement 齿轮啮合精密调节

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

注意 只有在操作较长时间后马达的噪音变得非常大时才可按照如图所示进行精密调节。

Hexagon spanner special for fixed screw 固定螺钉专用六角扳手



注意
CAUTION

- It is recommended to lock the adjustment screw by a screw locking agent or instantaneous adhesive agent after adjustment of the motor position is complete.

● 建议在完成马达位置的调节后利用螺丝制动结构或快速粘附剂锁住调节螺钉。

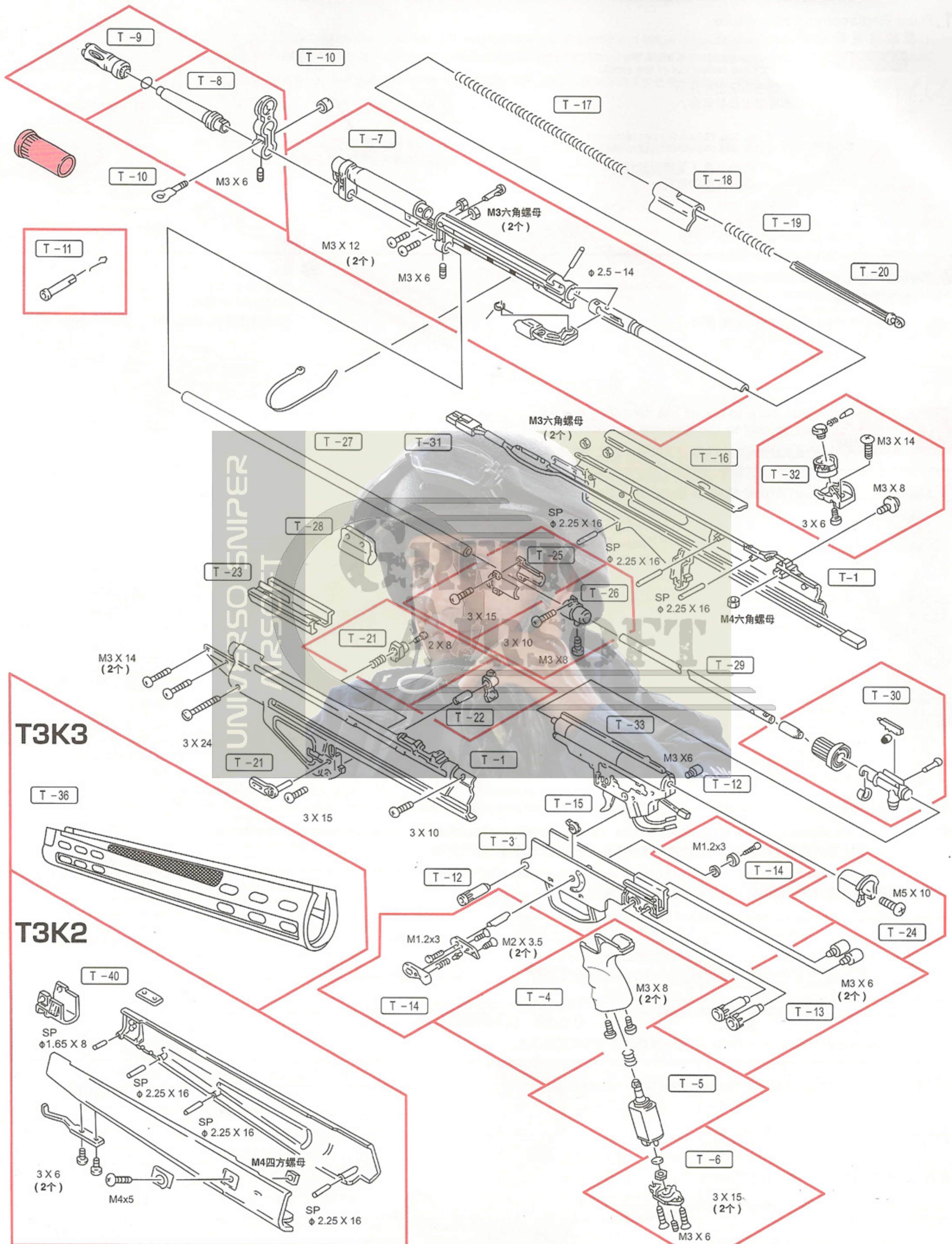
- Normally, do not attempt to adjust.

● 在通常情况下，不要尝试进行调节

- Be careful as not to overly tighten the screw as it will damage the gun.

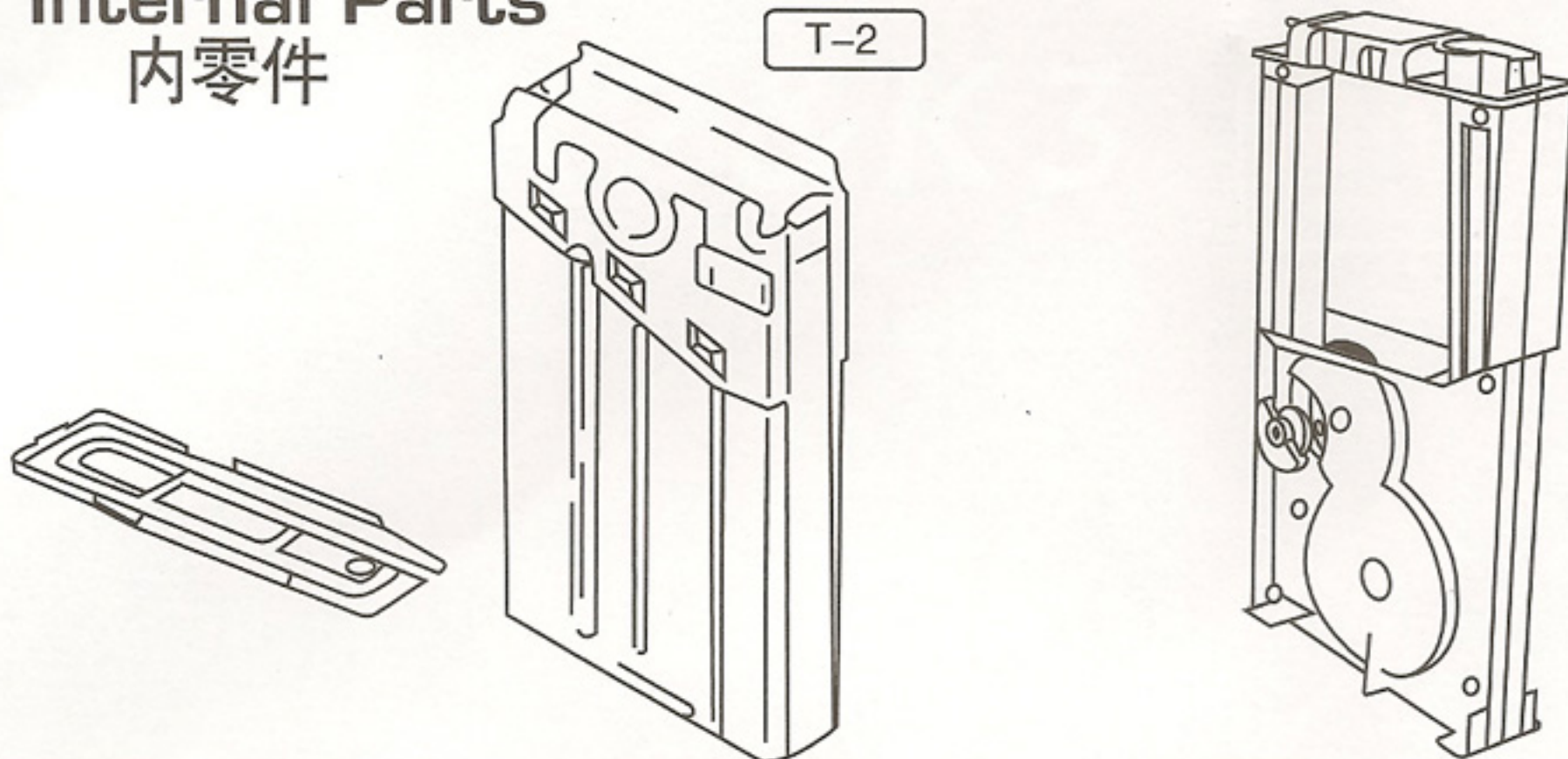
● 注意不要过度拧紧螺丝钉，因为这会损害该枪。

T3K2 & T3K3 DETAIL LIST 零件清單



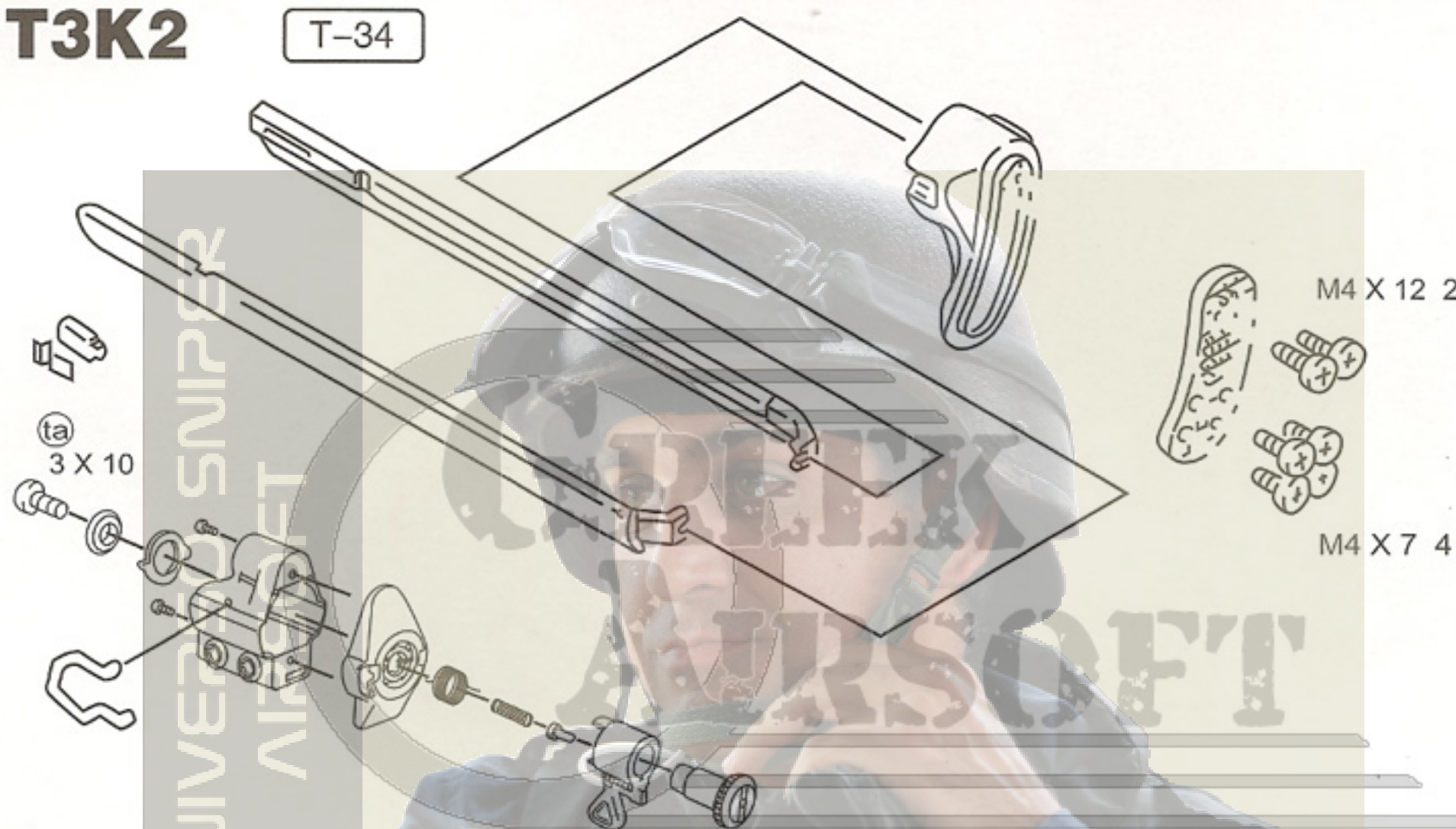
Internal Parts
内零件

T-2



T3K2

T-34



T3K3

T-38

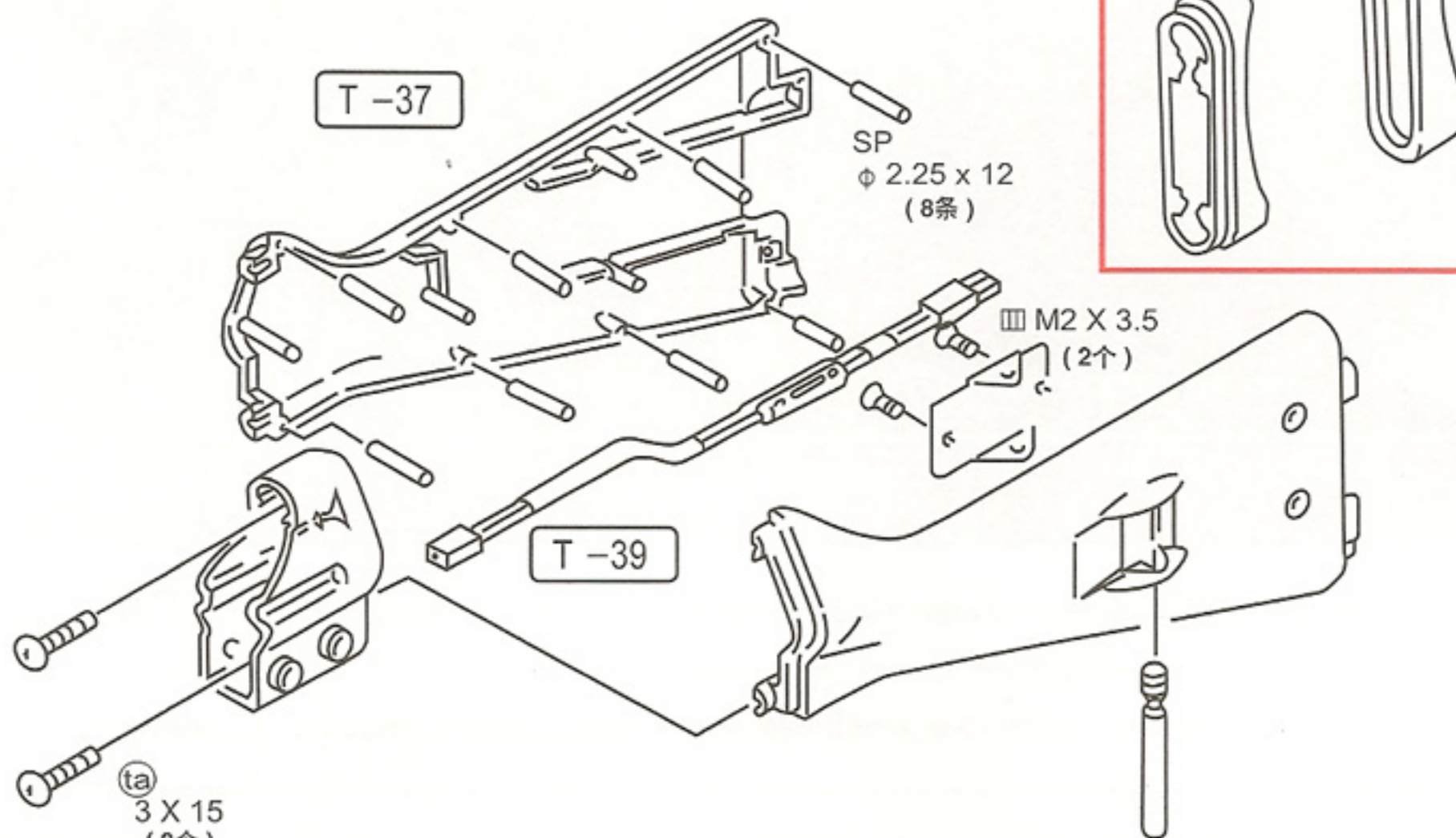
T-37

SP
φ 2.25 x 12
(8条)

M2 X 3.5
(2个)

T-39

3 X 15
(2个)



UNIVERSO SNIPER
UNIVERSO

T3-K1

K2 & K3

AUTOMATIC ELECTRIC GUN SERIES

MADE IN CHINA