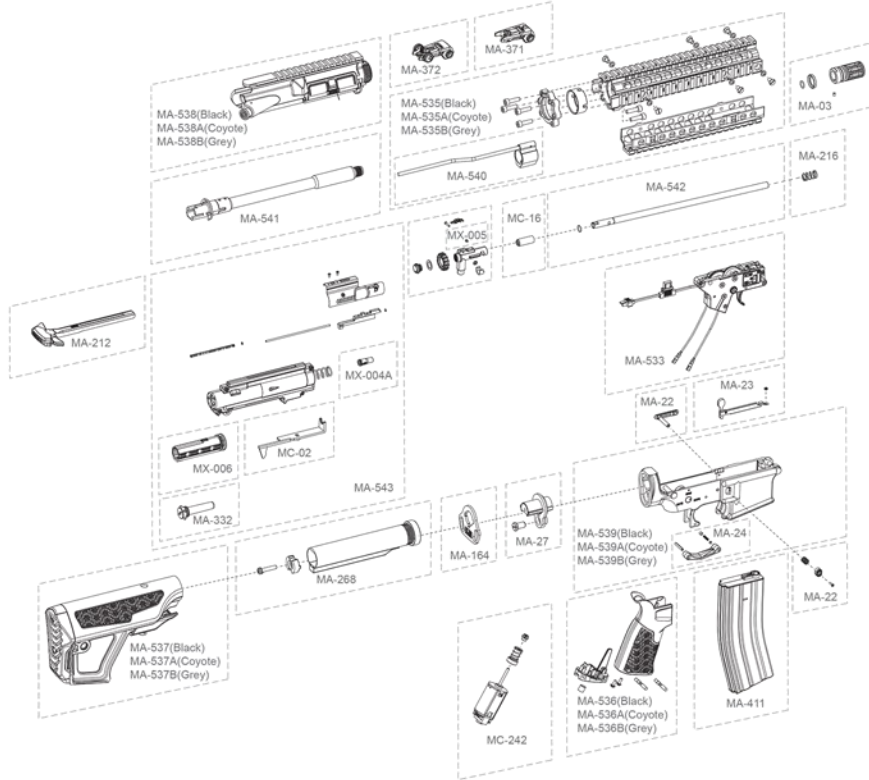
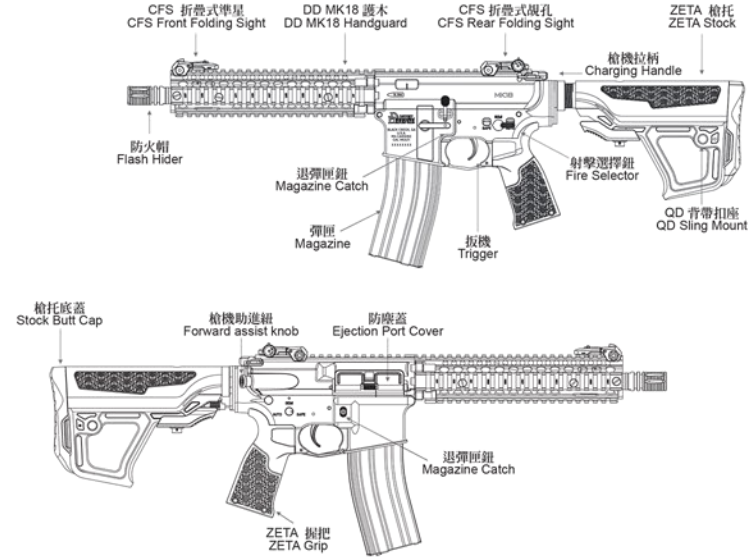


\*同一款槍型基本配備不同依實際出貨為主，圖片僅供參考。  
The components/accessories for each model may have kind of differences depending on the actual goods. Images are only for reference.



## 1 各部名稱 Series Component



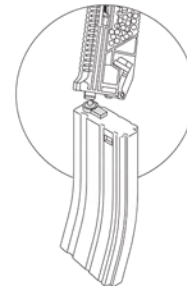
相關系列產品型號與詳細規格，請以官方網站公布為主。  
For related series product models and detailed specifications, please refer to the official website.

## 2 彈匣使用方式 Magazine Attachment

### 2-1 裝BB彈方式 Load BBs

將BB彈填入彈匣。  
Load BBs.

建議使用 6mm BB彈。  
6mm caliber BBs are recommended for optimum performance.



### 2-2 裝卸彈匣 Magazine Loading and Unloading

1. 直接將彈匣插入彈匣插槽。
2. 按壓退彈匣鈕即可將彈匣卸下。

1. Load the magazine directly into the magazine slot.
2. Press the magazine catch to unload the magazine.



## WARNING 警告 電槍使用之注意事項 Maintenance

1. 請勿使用劣質或回收BB彈，以減少槍管磨損及避免卡彈。
2. 一旦發生卡彈或射擊速度降低時，應立即停止射擊，以便檢查槍管內是否有卡彈。請使用棉質布將槍管清潔，或檢測電池電量後方可繼續使用。
3. 不使用本產品時，請務必將射擊選擇鈕置於保險(S)的位置上，將電池拆裝並定期使用棉質布清潔槍管。
4. 請勿將眼睛或面部靠近槍口使用。不當使用可能會導致零件故障，機內配置M100彈簧請用20A保險絲，M120彈簧請用25A保險絲。
5. 彈簧長度60mm，其槍口動能為二焦耳以下，射擊範圍為50公尺以內。
6. 適用年齡為18歲以上。
7. 使用本產品不得造成他人傷害，並不得用金屬彈彈。
8. 此並非玩具，不當使用可能造成嚴重傷害，尤甚於遊戲。使用時應確保本身及射擊範圍內所有人員均已確實戴護目鏡。
9. 使用方法及注意事項請詳閱說明書內內容。
10. 建議使用以下電池以達到最大效能：  
SSS系統建議使用7.4v或11.1v Li-Po電池。  
傳統電路系統建議使用11.1v Li-Po電池Ready。  
※使用非建議電池可能會造成產品效能低落，功能異常甚至損壞。

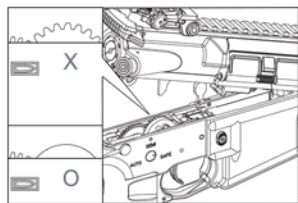


## 3 可動部的說明 Movable Parts

### 3-1 槍身結合3號齒正確位置圖 The correct position of sector gear before reassembling

⚠️ 注意 未進行歸位校正，會損壞活塞及齒輪

※ The piston and gear may be damaged without correcting the position in advance.

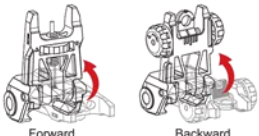


3號齒在槍身結合時，必須轉到正確位置，才可將上槍身蓋下。  
Make sure the sector gear is turned to the correct position before reassembling the receiver/gearbox.

## 4 精確射擊調整動作 Precision Targeting Adjustment

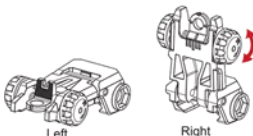
### 4-1 準星視孔調整方式 Front and Rear Sight Adjustment

#### A: 開合準星視孔 Rear and Front sights usage



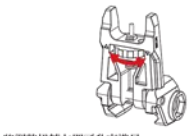
準星視孔立起或收合皆可瞄準  
You can aim with the Front and Rear sight either raised or folded.

#### B: 視孔調整方式 Rear sight adjustment



依旋鈕方向旋轉即可將視孔組左右調整  
Rotate clockwise to aim right.  
Rotate counter clockwise to aim left.

#### C: 準星高度調整 Front sight adjustment



將調整扭軸左即可升高準星：  
將調整扭軸右即可降低準星。  
Rotate the dial counter-clockwise to raise the aiming point.  
Rotate clockwise to lower the aiming point.

### 4-2 選擇射擊模式 Shooting Mode Setting

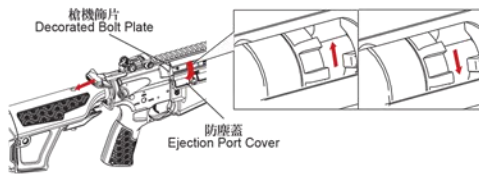


※此系列產品具備「開保險自動釋放彈簧功能」。  
1. 槍上有彈匣的情況下，開保險會自動釋放彈簧，有機率造成第一發彈射出或者小徑彈，屬正常情況。  
2. 槍枝使用完畢，請轉半單發模式下，擊發2-3下後放槍動作，再開保險確保槍管內已無殘彈。  
3. 上下槍身分解前，務必先開保險釋放彈簧，避免造成齒輪轉損壞活塞。  
※開保險自動釋放，可延長彈簧壽命，避免長期擠壓造成疲乏

## 5 H-UP 彈道調整 H-UP Adjustment

⚠️ 注意 非必要時，手指請勿放置於H-UP調整處，避免受傷

※ To avoid injuries, only put your finger on the H-up adjustment when necessary.



1. 將槍機拉柄往後拉(不可放開)，防塵蓋下翻，槍機薄片向後打開，即可進行彈道調整。  
2. 視彈道進行撥動調整，調整完即可放開槍機拉柄。

1. To adjust the trajectory, pull and hold the charging handle to the end (do not release) to open the ejection port cover downward, and open the decorated bolt plate backward.  
2. Rotate the dial to adjust the trajectory. Release the charging handle once you finished the adjustment.

### 3-2 快拆尾頂桿 QD Spring Guide

1. 使用4mm六角板手，對準尾頂桿往內推入後旋轉45度  
2. 將尾頂桿與彈簧抽出  
※安裝彈簧後依照步驟1倒序組裝

1. Use 4mm Allen key, insert it to the spring guide and then press down to turn 45 degrees.  
2. Take out the spring guide and spring.  
※ Reverse the above steps to install spring.



## 6 電池及護木的拆裝方法 Disassembling for Battery and Handguard

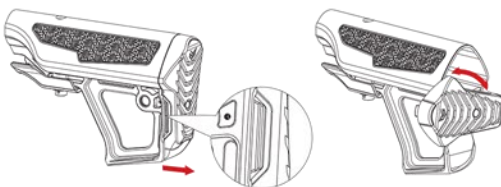
⚠️ 注意 重新組裝時，必須依反向動作做組合

### 6-1 護木拆裝方式 Disassembling the handguard

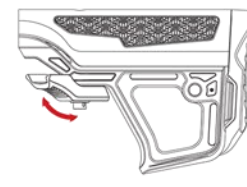


### 6-2 電池裝卸方式 Loading the battery

1. 抓持於槍托底板的兩側，先向後拉動將底板與槍托本體脫離。  
2. 將槍托底蓋轉左或右45度後放回，即可安裝電池。  
Pull the butt-stock aside backward and turn it to 45 degrees. The battery can be loaded.



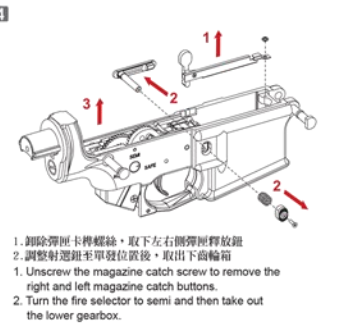
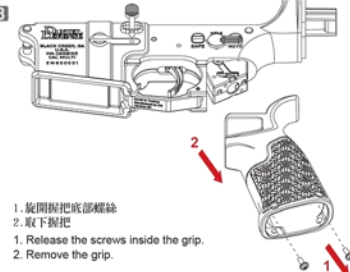
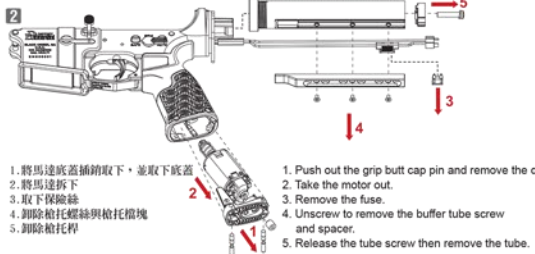
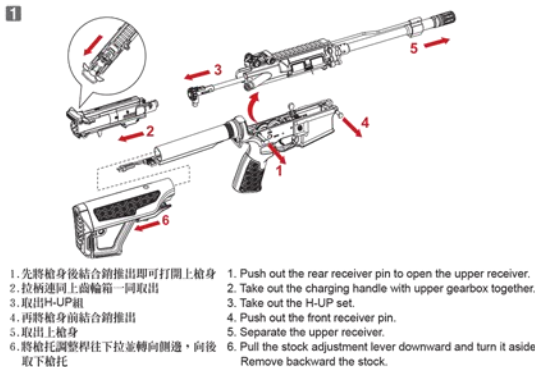
將槍托調整桿往下拉並轉向側邊，即可向後取下槍托。  
Pull the stock adjustment lever downward and turn it aside. After you can remove the stock backward.



## 7 齒輪箱拆解 Disassemble Gearbox

⚠️ 注意 先卸彈匣跟電池，再進行拆解

※ Unload the magazine and battery before you proceed to disassemble.





## A. Default e-trigger and pre-cocking mode

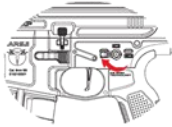
- The system resets to Smart Trigger mode (factory default mode) every time connected to the battery.
- It's suggested to use 7.4V Li-Po & 11.1V Li-Po battery. If the battery is low, the stock will vibrate 3 times and the orange light will flash for 2 seconds. If you pull the trigger, the red light will on. It's recommended to change the battery. If the battery runs down, the gun can't be triggered and the red light will be on for 5 seconds. Please change the battery.



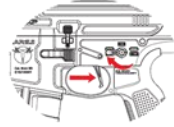
- Under default(Smart Trigger) mode, turn the fire selector to "semi-auto" for one-time single-shot mode.



- Under default(Smart Trigger) mode, turn the fire selector to "full-auto" for one-time three-shot.
- Smart Trigger will only receive further trigger signal after the three-shot finished.



- Under default(Smart Trigger) mode, turn the fire selector to "full-auto," long-pull the trigger to fire continuously.

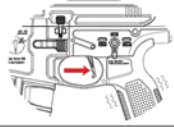


## B. Switch Smart Trigger mode into Full-Auto mode.

- Under default(Smart Trigger) mode, turn the selector to "Semi-auto" and long-pull the trigger for 5 seconds, it will fire one shot, but the motor will vibrate once and switch the mode to Full-auto automatically. After it, when the selector turned to "Full-auto" mode, it will fire continuously only, no matter short-pull or long-pull.

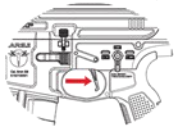


- Repeat Step1, the motor will vibrate twice and reset back to default(Smart Trigger) mode.

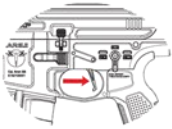


## C. Switch Pre-cocking Mode

- The default setting is the Pre-cocking mode. The first 5 shots fired under semi-mode will be the system's learning process. It will memorize the position of the piston from the first 5 shots progressively and pre-cock the piston to proper position after memorized successfully.



- To deactivate the Pre-cocking feature, press the trigger under Semi-mode, at the same time switch the fire selector between semi and auto 3 times within 5 seconds rapidly.



- The motor will vibrate once when the deactivate cutover completed. If you wish to switch back to Pre-cocking mode, repeat step 2 one more time to re-activate. The motor will vibrate twice when the activate cutover completed.



## WARNING SSS III (Self-diagnostic Shooting System III) Usage and self-diagnosis Mode Instructions

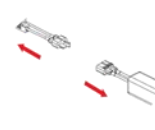
- Any disassembly or use of non-original parts may result in product performance abnormality.
- It will cause damage if you install the motors or battery in the wrong direction.
- Only use 7.4V or 11.1V Li-PO battery in this product, using any other type of battery may cause product abnormal or seriously damaged.
- Apply 11.1V Li-PO battery fuse if the gun using a M100 spring; apply 7.4V Li-PO battery fuse if using M90 spring.
- In order to avoid danger during operation, do not have the muzzle at anything you don't want to shoot.
- The grip will vibrate 3 times and the red light will on when battery runs low. The system is still working and the gun can be triggered too, but it's recommended to change the battery.
- In order to protect the battery, the system will perform Safe Mode when battery runs lower than secure range. Please change the battery.
- In order to protect the battery and system, the red light will flash and perform Safe Mode when abnormality detected. Please remove the battery and perform self-diagnosis function to detect where the issue occurred.
- The results of the self-diagnosis function are only for reference; if the product performs abnormally, please contact your local retailer for further assistance.
- System will back to default setting (Smart trigger & Pre-cocking mode) once the battery removed.
- If you completed the Pre-cocking function without inserting the magazine, it is normal that no BB will be fired at the first trigger after you loaded the magazine.
- If you're on Pre-cocking mode (default setting), the H-UP adjustment point is opened, it is normal that BB will drop out from the barrel end if the gun muzzle is downward.
- If the spring has been released after the Pre-cocking mode's memorizing procedure completed, the procedure will be reset to re-memorize mode. It is normal to have double feed within the first 5 shots on Semi-Mode.
- For safety reason and to keep normality of product performance and battery, do not remove the fuse.
- Please visit ICS official website [www.icssbb.com](http://www.icssbb.com) for further information.

※ This self-check function is a detection tool when abnormal happened. This process is not needed if the product performs normally.

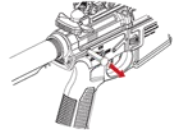
Step 1. Switch to Safe Mode.



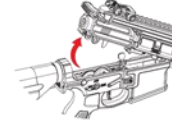
Step 2. Remove the battery.



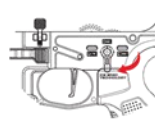
Step 3. Pull out the rear receiver pin.



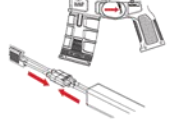
Step 4. Separate the upper and lower receivers.



Step 5. Turn the fire selector to semi-auto.



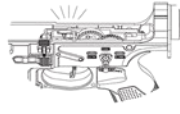
Step 6. Pull the trigger constantly and connected to the battery.



Step 7. SSS.III Battery Voltage Check.

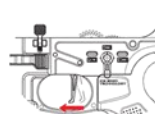
- If the voltage is normal, it will proceed to next step and the orange light will flash.
- If the voltage is insufficient, the stock will vibrate 3 times and the orange light will flash for 2 seconds. The self-check procedure will not be performed, please replace the battery and test again.

LED will glow



Step 8. SSS.III Trigger Assembly Check.

- When the orange light flashes, release the trigger within 5 seconds. A green light will be on for 2 second indicating the procedure will proceed to next step.
- If the trigger has not been released within 5 sec, the Self-check system will detect the abnormal from trigger switch. A orange light will be on and force to determine the checking programme. Please re-do the check after troubleshooting.



Step 9. SSS.III Fire Selector Check (Orange light on)

- Rotate the selector to every other mode and back within 10 seconds for proceeding to next step.
- If unable to rotate the selector to other modes, the system will detect the abnormal from Fire Selector. A orange light will be on for 5 seconds and proceed to next step.



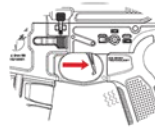
Step 10. SSS.III Gearbox Functioning Test, the orange light will be on after flash once.

- Attention!!! The gears will start to operate and fire once, please make sure the muzzle isn't targeting anything you don't want to shoot.
- The procedure will proceed to next step after the check completed.
  - If the programme detects the abnormal from gears, the red light will flash and proceed to report step automatic.



Step 11. SSS.III Light Signal and Test Report

- If self-checking programme detects NO problem in the AEG, a green LED will flash for 5 seconds. Pull the trigger once, the stock will vibrate 3 times informing the self-checking programme ended. You can now put the bottom cover back and continue using the product.



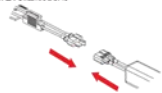
- Abnormality status signal:  
Below signal light will continue until the battery removed:  
1. Orange light on: Trigger switch or selector system abnormality.  
2. Red light on: Battery or Voltage insufficient/abnormality.  
3. Red light flash: Motor drive abnormality.



## SSS.III E-trigger 射擊模式操作說明

### A. 原廠預設智慧扳機與活塞預拉模式

1. 每次插上電池後返回原廠預設模式(智慧扳機模式)。  
※ 本產品限制使用7.4V Li-Po & 11.1V Li-Po鋰聚合物電池。  
裝上電池時若電池電量不足會把將振動警示3下並閃橘燈2秒。此時扣壓扳機會亮紅燈。建議更換電池再繼續使用。若此時電池已經沒電，產品將不能操作且紅燈會亮5秒後熄滅，請更換電池再繼續使用。



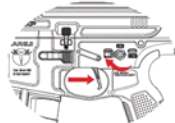
2. 將射選鈕轉至半自動位置時，每次扣下扳機將會擊發1次。



3. 預設模式(智慧扳機模式)下，將射選鈕轉至全自動射擊位置時，每「壓」一次扳機將會自動擊發3次。 ※ 三連發運作行程結束前不會再接受扳機訊號。

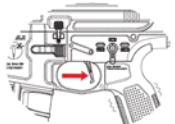


4. 預設模式(智慧扳機模式)下，將射選鈕轉至全自動射擊位置時，若「長壓」扳機將會連續射擊直到鬆開扳機為止。

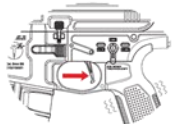


### B. 智慧扳機模式切換至全自動模式

1. 預設模式(智慧扳機模式)下，將射選鈕轉至半自動射擊位置時，若「長壓」扳機5秒不放(注意：此時會射擊一次)，馬達會震動一次表示進入全自動模式。將射選鈕轉至全自動並扣扳機，輕扣扳機或長壓扳機皆會有連發功能。

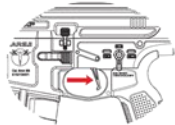


2. 重複步驟1，馬達會震動兩次表示回復智慧扳機模式。

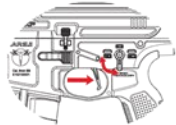


### C. 切換活塞預拉模式

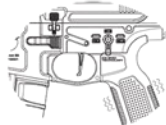
1. 原廠設定為活塞預拉模式，其前五發半自動模式為學習記憶狀態，程式會逐步記憶活塞預拉位置，成功後會自動將活塞拉到適當位置。



2. 活塞預拉模式下，在半自動模式扣壓扳機不放，快速連續射選扳機於半自動與全自動之間3次。



3. 馬達會震動1次提示取消預拉模式；重複步驟2能回復預拉模式並以馬達震動2次提示。



### WARNING 警告 SSS.III (Self-diagnostic Shooting System III) 系統使用注意事項 與 自檢模式使用注意事項

1. 任意拆裝或使用非原廠零件，可能導致產品性能異常。
2. 馬達或電池正負極請勿接反，裝反可能會造成產品損壞。
3. 本產品限用7.4V或11.1V鋰聚合物電池，如使用不合規格之電池可能導致本產品嚴重損壞。
4. M100(含)以上建議使用11.1V,M90以下建議使用7.4V
5. 請確保槍口不要對準任何不想射擊之目標，避免在操作時造成危險。
6. 電量過低時，握把會震動三次提示，紅色燈亮，建議更換電池，此時仍可射擊。
7. 為保護電池，當電量低於安全範圍時會進入安全模式停止運作，請更換電池。
8. 偵測到連續異常時，為保護電池以及本系統，將會紅燈閃爍並進入安全模式停止運作，請先拔除電源再執行自檢程式檢測問題。
9. 自檢模式之檢查結果僅供參考，實際故障原因仍須交由各地經銷商當地檢測方能確認故障為何。
10. 系統將在斷電後自動回復原廠設定(智慧扳機與預拉模式)。
11. 在未裝彈匣的情況下完成預拉設定，裝彈匣後首次擊發無彈屬正常現象。
12. 若於預拉模式(原廠設定)下，H-UP處全開狀態，槍口朝下BB彈若自槍口流出，屬正常現象。
13. 活塞預拉學習完成後若有經過彈簧釋放，將會重新進入學習模式，前五發擊發有雙發屬正常現象。
14. 為維持產品功能及電池正常，請勿拆除保險絲以策安全。
15. 如對使用流程有任何疑問，請前往ICS官方網站www.icsbb.com查詢更多資訊。

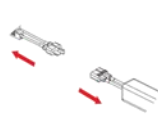
## SSS.III E-trigger 自檢模式操作說明

※ 本自檢功能為產品異常時之檢測工具，如產品正常可不必要執行。

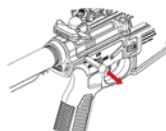
1. 切至保險。



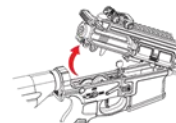
2. 移除電源。



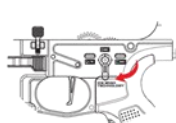
3. 將槍身後固定插銷拉開。



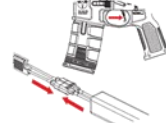
4. 分離上下機身。



5. 將射擊模式切換到半自動位置。

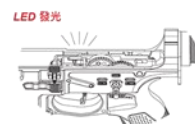


6. 扣壓扳機並且持續按住，然後再插上電池。



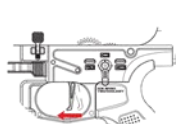
7. SSS.III 進入電壓檢查程序

- 若電壓正常，此時會進入下一步驟並開始橘燈閃爍。
- 若電壓不足握把將振動警示3下並閃橘燈2秒，且不會執行自檢程序，請更換電池再測試。



8. SSS.III 進入扳機組檢查程序

- 此時會有橘燈閃爍，請於5秒內放開扳機，且綠燈將燈亮2秒，準備進入下一步驟。
- 若未於5秒內放開扳機，自檢系統會判定扳機開關異常，此時橘燈亮且強制停機，請排除故障後再重新進行檢測。



9. SSS.III 進入火控檢查程序，橘燈亮起

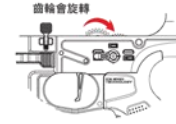
- 請於10秒內將射選鈕切換到能切換的每個位置，且準備進入下一步驟。
- 若未於10秒內將射選鈕切換到能切換的每個位置，自檢系統會判定射選開關異常，此時橘燈亮5秒後自動進入下一步驟。



10. SSS.III 進入邏輯檢查程序，橘燈閃爍一次後燈亮

- 注意!!! 齒輪會開始轉動並自動擊發一次，請確保此時槍口不要對準任何不想射擊之目標，避免在操作時造成危險。

- 檢查結束後將進入下一步驟。
- 如系統判定邏輯異常，此時紅燈閃爍，並自動進入報告程序。



11. SSS.III 進入檢測指示燈號報告程序

- 按動步驟10，若無任何異常，則綠燈閃爍5秒或5秒內按一下扳機，此時握把會震動3次來通知跳出自檢程序，可相同上下機身皆可正常使用。



- 異常狀態表示:  
相對應異常燈號持續不熄燈，直到移除電源。  
1. 橘燈亮: 射選開關、扳機開關異常  
2. 紅燈亮: 電池電量不足  
3. 紅燈閃爍: 馬達驅動異常

