

## 1 各部名稱 component names

The parts/accessory for each model will have a bit difference, it's depend on the actual goods.  
\*每一款槍型基本配備不同依實際出貨為主



### ■ ICS-20 Proline

### ■ ICS-22 Proline

### ■ ICS-26 Proline

### ■ ICS-28 Proline

### ■ ICS-220 Proline

### ■ ICS-49 Sportline

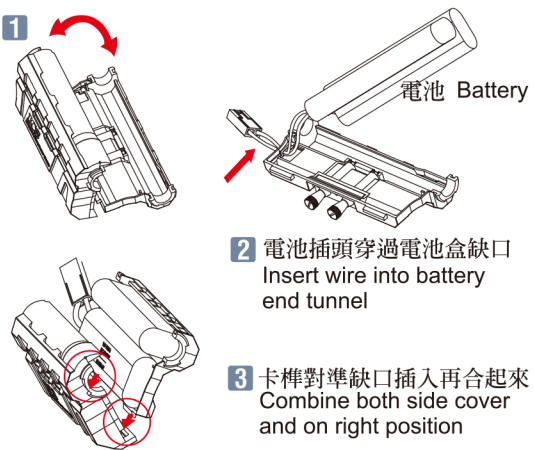
### ■ ICS-41 Sportline

### ■ ICS-141 Sportline

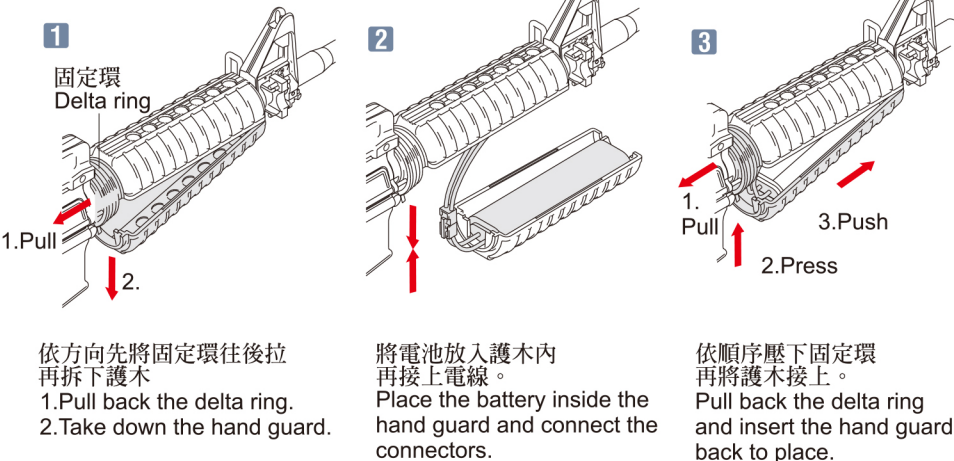
### ■ ICS-221 Proline

## 2 裝電池方法 Battery fitting method

### Compact Battery 電池安裝方式

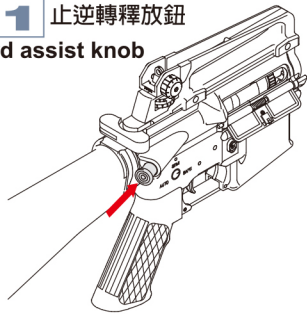


### Compact handguard 護木安裝方式



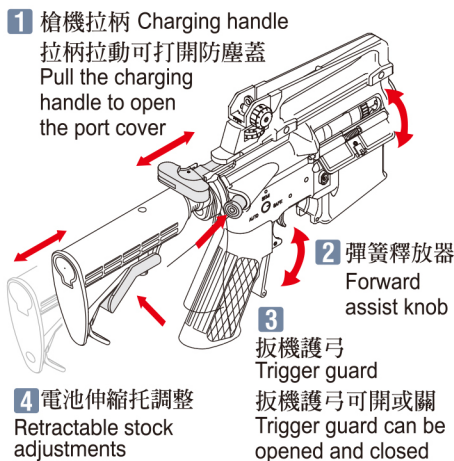
### 3 可動部的說明 Movable parts

#### 3-1 止逆轉釋放鈕 Forward assist knob



1. 槍枝使用完畢轉至單發狀態下發射2~3下後再按止逆轉釋放鈕，可將活塞彈簧回覆至原處。
2. 槍身做分解時，必須先釋放活塞彈簧，才可做分解動作。
1. After playing, fire 2-3 in single position, then push the forward assist knob to release the spring tension before storage.
2. Push the forward assist knob before you assemble the gear box.

#### 3-2 可作動作 Movable parts

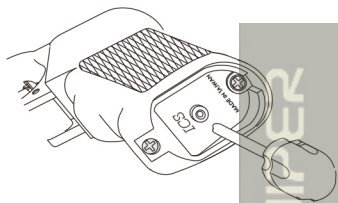


- 1 槍機拉柄 Charging handle  
拉柄拉動可打開防塵蓋  
Pull the charging handle to open the port cover
- 2 彈簧釋放器  
Forward assist knob
- 3 扳機護弓  
Trigger guard  
扳機護弓可開或關  
Trigger guard can be opened and closed
- 4 電池伸縮比調整  
Retractable stock adjustments

#### 3-5

1. CS4 槍款，先將原護木都拆下只保留槍管
2. 依序放入護木前段、波形彈簧、星狀環，使用星狀扳手鎖固槍管與槍身，再將止付螺絲鎖緊護木前段與星狀環
3. 護木軌道先組裝(長軌道螺絲先不緊，可移動)
4. 護木組鎖至護木前段，長軌道(螺絲使用M4\*P0.7\*L10)對位後鎖緊，其餘螺絲對稱鎖緊
5. 先將防火帽取下，瓦斯鏡軌座放置於槍管
6. 確認瓦斯鏡軌座與槍身對垂直後，鎖於槍管下方溝槽
1. For CS4 series, take the original handguard out and only leave barrel.
2. Sequentially place forepart hand guard, wave springs, and delta ring. Use Allen key to tighten the barrel. To secure and tighten the screws of forepart handguard and delta ring.
3. Install handguard tactical rail first (do not tighten the long tactical rail and make it moveable).
4. Lock the tactical rail on the forepart handguard, tighten the long rail with screw M4\*P0.7\*L10 and the rest screws in the correct screw hole.
5. Take flash suppressor off and place gas rail base in the barrel.
6. Make sure the gas rail base is vertical with the barrel, then tighten it in the under notch of barrel.

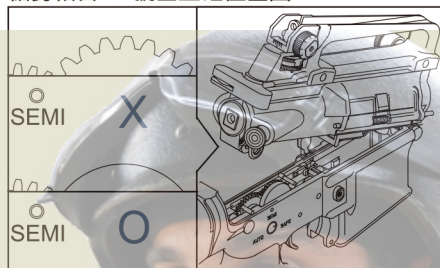
#### 3-3 馬達間隙調整 Fine adjustment of gear engagement



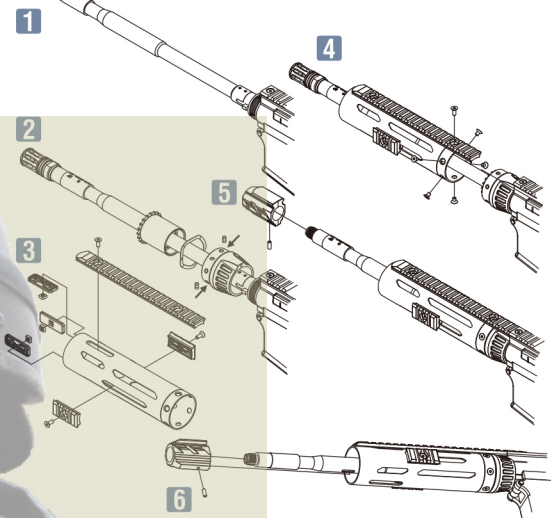
用六角扳手調整馬達間隙螺絲(出廠時已調整好)  
Adjust the gap between the motor and the gear by an allen key (Original factory setting is for 9.6v battery)

#### 3-4 The correct position of No.3 gear before reassembling

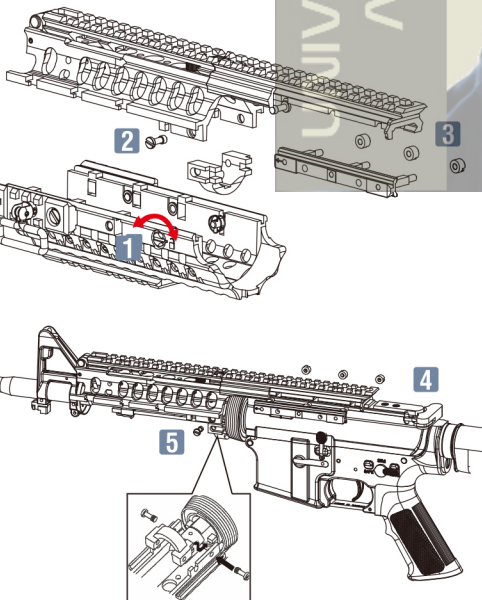
槍身結合 3 號齒正確位置圖



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 No.3 gear is turned to the correct position before you reassemble the receiver/gearbox.



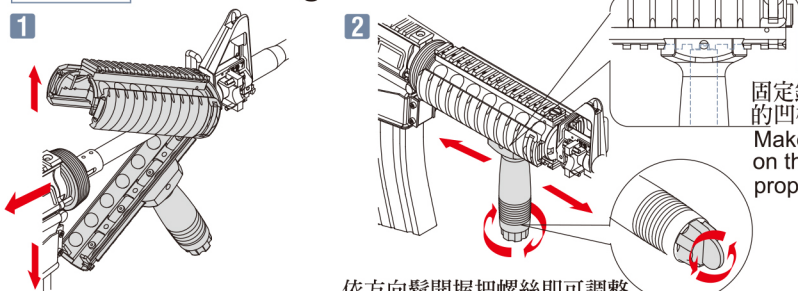
#### 3-6 S.I.R. handguard



1. 旋開固定鈕，下護木往後推到底拉出。
2. 鬆開護木固定環螺絲。
3. 將上護木固定螺帽鬆開取下，再取出固定條。
4. 上護木後端右側與槍機匣軌道對齊後順著軌道將上護木推到底將固定孔對齊槍機匣軌道凹槽，插入固定條，將螺帽鎖緊。
5. 將固定環溝槽，對準槍管兩側放入上護木，推到底鎖上螺絲。
6. 將下護木兩側滑槽，插入上護木兩側滑動，再往前推到底。
7. 下護木固定鈕，壓到底旋轉至鎖定位置，可將下護木固定。
8. 鬆開鎖附螺絲即可拆下軌道，可安於下護木左右兩側及下方。
9. 快拆式背帶環搭配快拆式軌道。
10. 將上護木軌道螺絲鬆開取下，插銷拉開即可將上方軌道反轉。序裝回護木可安裝PEQ-2。

1. Release the two rear spring loaded lock buttons and any other securing screws on other attachments, then the lock buttons will "pop out" that the lower S.I.R. section is released.
2. Unscrew the two delta ring screws and remove the lower portion of the delta ring
3. Unscrew each of the three nuts securing the flat-top receiver anchor and remove the three cross bars to unlock the anchor from the main S.I.R. body.
4. With the cross bar anchors that attaches the S.I.R. to the flat-top receiver removed, insert the upper S.I.R. into position until the cross notches on the flat-top receiver are aligned. With the S.I.R. upper in position, screw each one of the nuts back onto the rods.
5. Reposition the delta ring and secure it around the barrel by re-inserting the screws removed in step #2.
6. Secure the lower section of the S.I.R. by inserting forward into the front sight post and then pulling the lower portion backward into the locking position.
7. Re-engage the spring loaded lock buttons and lock in a vertical position each side of lower hand guard (reverse step #1).
8. To install a desired rail or accessory onto the S.I.R. slide the hand guard forward and place studs into the rail.
9. The multi-position sling swivel can be relocated via replacement into any of the multiple threaded holes.
10. Upper S.I.R. can be unlocked and reversed to accept an ICS AN/PEQ-2 laser/battery unit.

#### 3-6 R.I.S. handguard



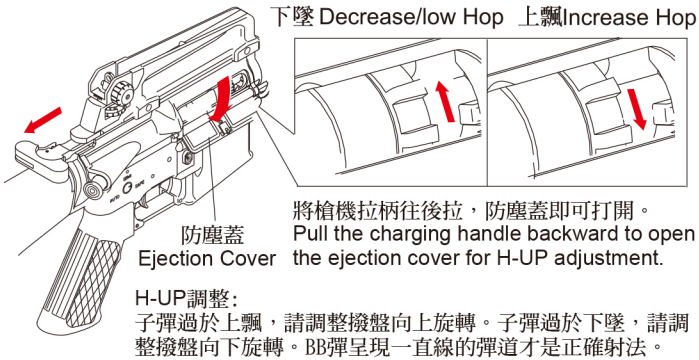
將護木固定環依方向往後拉再卸下護木。  
Pull back the delta ring and replace the R.I.S.

依方向鬆開握把螺絲即可調整戰術握把的位置  
Lose the joint dial to adjust the fore grip to personal preference.

固定銷對準軌道條上的凹槽再將握把鎖緊  
Make sure the grooves on the fore grip are properly in position.  
可使用銅板或手將握把螺絲鬆開  
Use a coin or hand to lose the knob.

# 4

## H-UP彈道調整 H-UP adjustment

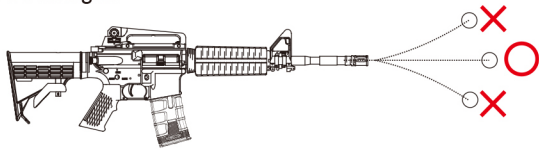


將槍機拉柄往後拉，防塵蓋即可打開。  
Pull the charging handle backward to open the ejection cover for H-UP adjustment.

H-UP調整：  
子彈過於上飄，請調整撥盤向上旋轉。子彈過於下墜，請調整撥盤向下旋轉。BB彈呈現一直線的彈道才是正確射法。

### H-UP Adjustment:

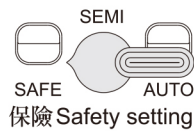
When the BB pellet rises up, rotate the dial counter-clockwise to lower trajectory down. When the BB pellet falls down, rotate the dial clockwise to raise the trajectory up. Make sure the trajectory of BB pellet to be straight.



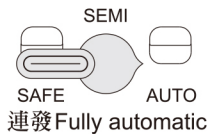
# 5

## 精確射擊調整動作 Ironsight adjustment

### 單連發選擇方式 Selector lever setting

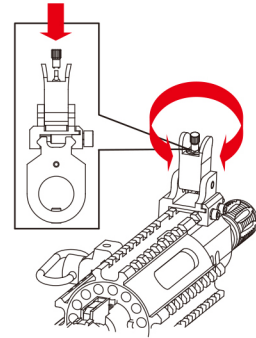


單發 Semi automatic



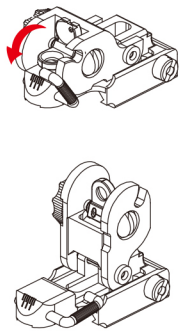
連發 Fully automatic

### 準星高度調整 Front sight adjustment



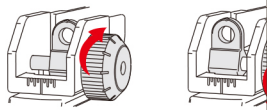
將準星調整桿壓入定位轉動即可調整高低  
Turn clockwise to raise B.B. hitting point.  
Turn counter clockwise to lower B.B. hitting point.

### 覘孔可收回調整 Rear sight on and off



### 覘孔左右調整 Rear sight left-right adjustment

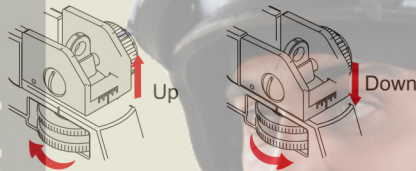
Right Left



依旋鈕方向旋轉即可將覘孔組左右調整  
Turn clockwise to aim right.  
turn counter clockwise to aim left.

### 覘孔高度調整 Rear sight up-down adjustment

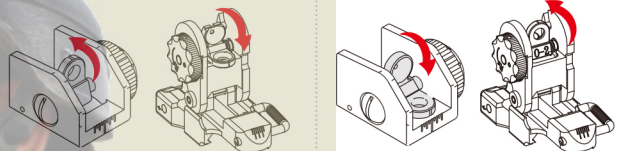
Forward Backward



將調整鈕往前轉即可昇高覘孔組，將調整鈕往後轉即可降低覘孔組。  
Turn the dial forward to raise the hitting point.  
Turn the dial backward to lower the hitting point.

### 精密射擊調整 Rear sight precision targeting adjustment

Forward Forward Backward Backward



近距離將覘孔往前推  
Common/close-range low-light shooting.  
Push forward to engage battle sight.

遠距離將覘孔往後推  
Precision daylight shooting.  
Push backward to engage peep hole.

# 6

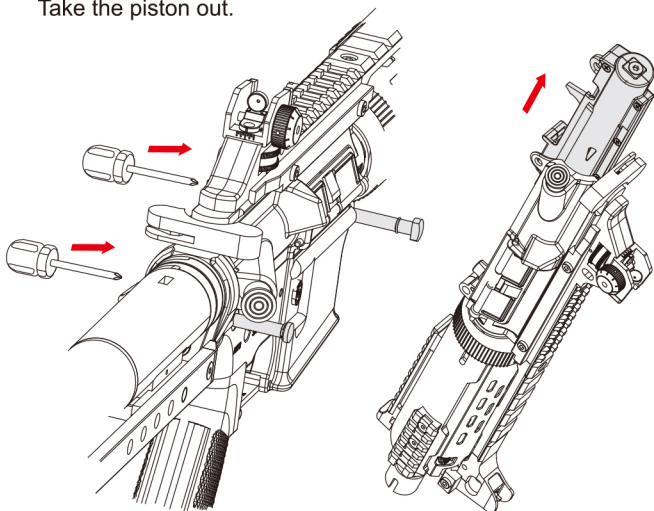
## 齒輪箱拆解 Disassemble Gear-box

### 6-1 Remove the upper Gearbox 上槍身拆卸

**注意 CAUTION** ※重新組裝時，必須依反向動作組合  
Reassembly is the reverse of disassemblys procedures.

1 使用起子依方向將槍身結合銷推出即可打開上槍身  
To open upper receiver, use a screwdriver to push out frame lock pins.

2 拆下活塞組  
Take the piston out.

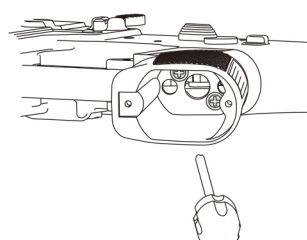


### 6-2 Remove the lower Gearbox 下槍身拆卸

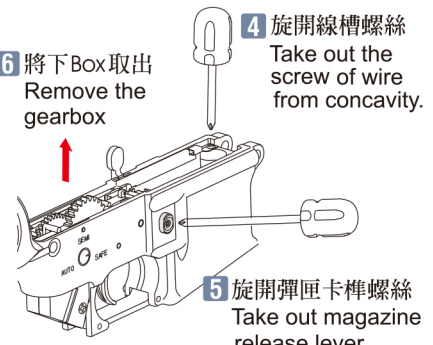


1 旋開馬達底蓋螺絲  
Take out the screws on the plate.

2 將馬達拆下  
Take the motor out.



3 旋開握把內螺絲  
Take out inner screw in the pistol grip.



6 將下Box取出  
Remove the gearbox

4 旋開線槽螺絲  
Take out the screw of wire from concavity.

5 旋開彈匣卡榫螺絲  
Take out magazine release lever.

### 7 彈匣使用方式 Magazine attachment

7-1

#### load BBs 裝BB彈方式

將彈匣上蓋依箭頭方向推開再倒入 B.B. 彈

Open the cover to load BBs. Please use ICS 6mm caliber BBs for optimum Performance.



建議使用 ICS 6mm BB 彈  
Suggest to use ICS 6mm BBs

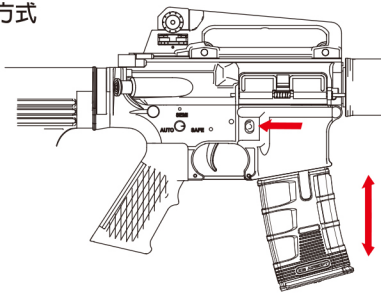
依箭頭方向旋緊彈匣底旋鈕，即可將 B.B. 彈順利送出。

To charge BB feed spring, please wind magazine.

### 7-2 彈匣上下方式

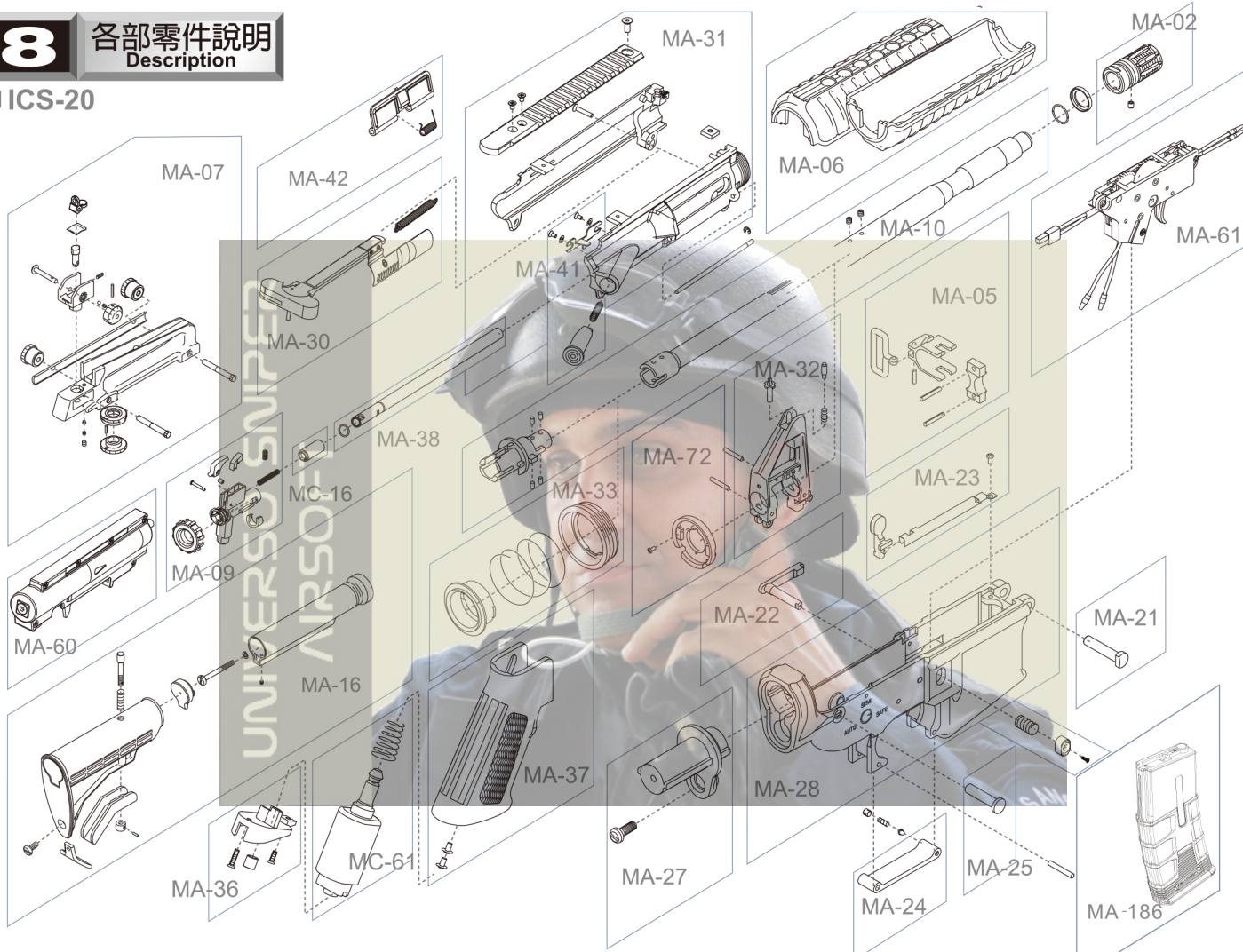
#### Magazine loading and unloading

按下彈匣卡榫即可將彈匣裝入或拆下  
Press the magazine release lever to load or unload the magazine.



### 8 各部零件說明 Description

ICS-20



Patents acquired: R.O.C. M244431 / US7077117B1 / R.O.C. D159178 / USD706880S / EM002246579-0001 / R.O.C. M320468

### WARNING 警告 電槍使用之注意事項 Maintenance

- 請勿使用回收及劣質的 BB 彈，以減少槍管損耗與避免卡彈的情形發生。
  - 如發現有卡彈的情形，應立即停止射擊，如卡彈後再勉強射擊，則會增加齒輪損耗。請使用內附通槍條，將卡彈清除後才可繼續使用。若完成通槍基本故障排除後仍無法使用時，請回原採購店家或專業經銷商尋求維修服務。
  - 使用前請先確定您的電池已充滿電，當使用中發覺電池即將用盡或射擊速度降低時，應立即更換電池。
  - 請定期使用通槍條清潔槍管，以保持槍支射擊時的準確性及減少卡彈的情形發生。
  - 請勿經常空槍射擊，以減少BOX及齒輪不必要的損耗。
- 使用前請務必詳閱此說明書限18歲以上使用  
Always read through this manual before operation.  
User restricted to 18 years of age or older.
- Do not use recycle or low quality BB pellets to reduce the barrel damage and prevent from jams.
  - When a BB pellet is jammed, cease fire immediately. Firing under jam may cause damage on gears. Please use the cleaning rod that came with your airsoft gun to push it into the barrel by moving down gently until the jammed BB pellet comes out. If the jam still cannot be solved, please contact your original purchase retailer or ask for professional agent for repair service.  
Note: No need to remove the barrel when eliminating jam.
  - Please make sure the battery is fully charged before using. When the battery is run out or firing speed is decreasing, new battery has to be replaced immediately.
  - Please use cleaning rod periodically to clean the barrel to ensure the firing precision and reduce jam.
  - Do not dry fire the airsoft gun at any time to reduce damage to the gearbox.



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