

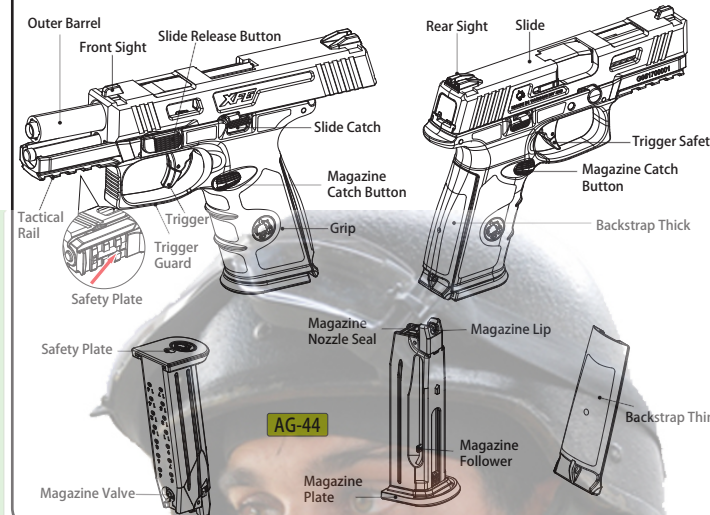
**WARNING**

- To avoid damaging the product, please release the gas from the magazines or cartridges while not operating.
- Sales and usage are restricted to 18-year-old people or older. Those below 18 years old are not allowed neither to purchase nor to operate alone.
- Never aim or shoot at people or animals. Please beware of childrens' mis-handling.
- Please read and fully understand all details listed in this instruction manual before using this air gun. You can download it from [www.icsbb.com](http://www.icsbb.com) if you lose this instruction manual.

6mm BB



### 1 PART DESCRIPTION



**WARNING-ATTENTION**



This model is featured with Gas-Blow-Back function. The slide will be pushed back and forth by the gas pressure strongly and rapidly while firing. To prevent injury, please keep your face and finger away from the slide.

The pistol could be damaged when using at temperature of 35°C (95°F) or above.

### 2 SAFETY DEVICE



### 3 LOADING MAGAZINE



**WARNING-ATTENTION**

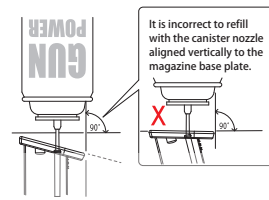
To prevent misfiring, keep your finger off the trigger and out of the trigger guard while loading the magazine.  
For safety reason, please remove the magazine while not operating.

Load the magazine until it clicks into the locking position.  
Do not insert the magazine by force.

Release the magazine by pressing the magazine catch button.  
Hold the magazine when releasing it from the pistol grip to prevent it from dropping.

### 4 CHARGING GAS

For the optimum product performance, please charge your magazine with 10-12kg airsoft use green gas. If you use green gas with non-recommended number of kg, it may cause damage or malfunction to the product.



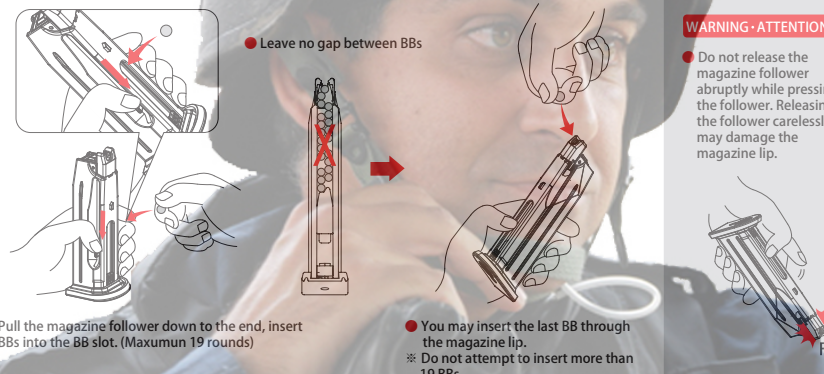
Please turn the magazine up side down to keep the injection hole side up, fill the gas only when the canister is verticalized to the injection hole.  
The gas will not be filled into the magazine or will leak out if the canister is not verticalized to the injection hole.

**WARNING-ATTENTION**

Please avoid to touch the injection hole. It might cause frostbites or low temperature burns if the skin is adhered by the gas.  
Magazines are very delicate parts. Dropping them may cause damage or abnormality.  
Please avoid foreign matter remains on the magazine lip and injection hole on the magazine, which may cause abnormality.  
If refilling is necessary, please avoid to proceed when the magazine is loaded. Please unload the magazine before proceeding.  
Please do not place the magazines in wet or watery places, which may cause abnormality.

**Precautions while filling:**  
If you fill the magazine with a non-vertical way from up towards down, and caused the magazine is not completely filled, please deflate the gas completely, and refill the gas one more time as instructed.  
Fill the gas until the gas starts to leak out. When the gas is fully filled, gas inside the gas canister and magazine are balance without refilling anymore. It is the normal condition that the gas starts to leak out because it is not able to keep filling. Please stop filling immediately.  
Please use your magazine under normal temperature!  
If operating in environment of 20°C or below, the gas pressure will drop and might cause abnormal functions. (The magazine will work normally again when temperature returns to normal temperature.)  
If operating in environment of 35°C or above, the gas pressure will be too high and might cause abnormal functions. (The magazine will work normally again when temperature returns to normal temperature.)  
If you fill the magazine with gas and fire dozens of shots even under normal temperature, the gas pressure will also drop and cause the gas temperature to drop. Preparing several spare magazines for exchange is recommended.

### 5 LOADING BBs



**WARNING-ATTENTION**

Do not release the magazine follower abruptly while pressing the follower. Releasing the follower carelessly may damage the magazine lip.

Pull the magazine follower down to the end, insert BBs into the BB slot. (Maximum 19 rounds)

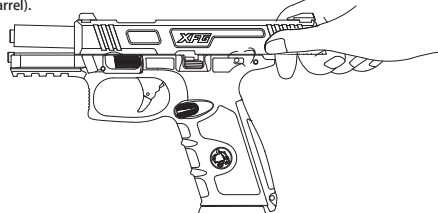
You may insert the last BB through the magazine lip.  
Do not attempt to insert more than 19 BBs.

### 6 Loading

- Insert the magazine.
- Pull the slide to the end and hold (the hammer will be pressed down).
- Release the slide (the slide is held at the back at the moment).
- Press the slide catch downward, the slide will be pushed forward (a BB pellet will be loaded into the barrel).
- Pull the trigger to fire.

**WARNING-ATTENTION**

Keep your face and fingers away from the slide while the slide is operating.  
When the pistol is unloaded, the slide can be pushed forward when you pull and release it from the end.  
When the pistol is loaded, loading repeatedly will make the BBs load into the barrel repeatedly, which will lead to malfunction while firing and cause danger while firing.  
When the hammer is pressed down, pulling the trigger will fire the bb. Please take extra notice.



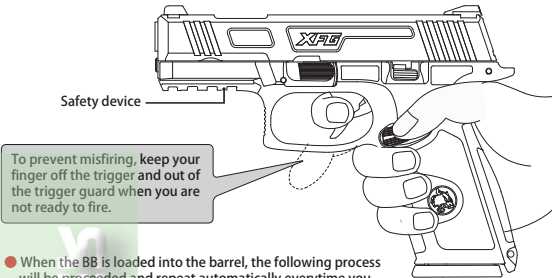
### 7 SHOOTING

- Switch the safety to FIRE.
- Load the pistol according to step 6.
- Pull the trigger to fire (a BB pellet will be fired and the slide will be pushed backward).

The slide will be blown back when firing.

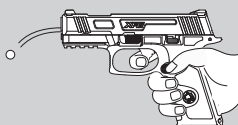
**WARNING-ATTENTION**

Power Depression  
When the temperature inside the magazine is too low, the gas power will be depressed.  
The movement of the slide will be delayed.  
The slide catch will not bounced.  
The shooting range will not be far.

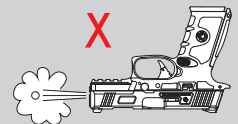
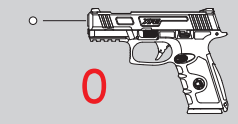


To prevent misfiring, keep your finger off the trigger and out of the trigger guard when you are not ready to fire.

When the BB is loaded into the barrel, the following process will be proceeded and repeat automatically everytime you pull the trigger:  
BB fired → Slide movement (blowed backward) → Load the next BB (slide re-positioned)



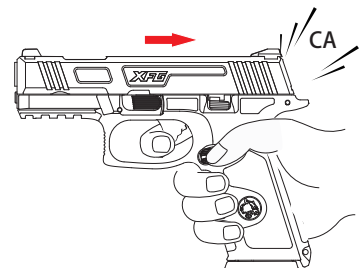
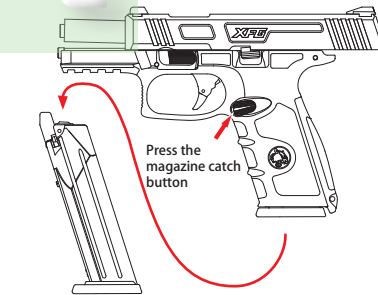
Shooting posture  
Please do not operate the pistol upside down for optimum performance.



ATTENTION  
The rails on the slide is very sharp. Please keep your face and fingers away from the slide while the slide is operating.  
Please keep your finger off the trigger and out of the trigger guard, and take extra caution to where the gun is aiming while proceeding non-firing operations.

### 8 STORAGE

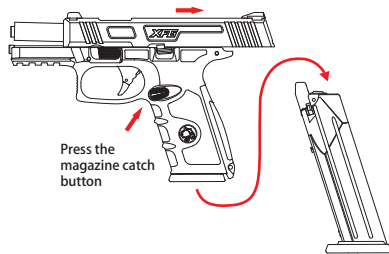
- Press the magazine catch button to release the magazine.
- Make sure the inner barrel is clear. If not, pull the slide backward, and turn the pistol up side down to remove (push the BB pellet out from the barrel by the clearing rod is also recommended).
- Press the slide catch lever to release the slide.
- Pull the trigger and fire several times towards safety directions, and make sure no BBs are left inside the barrel.



## 9 DISASSEMBLY (Do it when necessary)

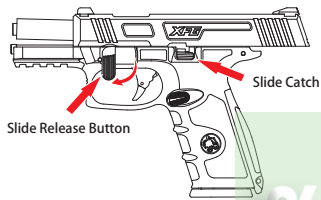
Only disassemble your airsoft when adjusting the H-UP and proceeding to maintenance.

- Press the magazine catch to unload the magazine.
- Pull and hold the slide to the end.



Press the magazine catch button

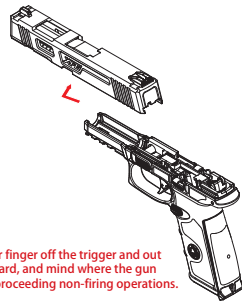
- Push the slide catch upward to hold the slide at the rear.
- Press the slide release downward, hold your slide with your hand then press the slide catch.



Slide Release Button

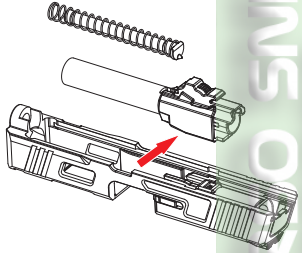
Slide Catch

- Push the slide forward to remove.



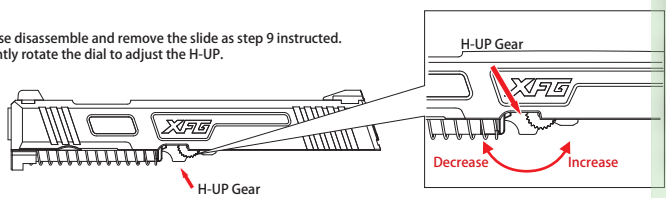
**ATTENTION**  
Please keep your finger off the trigger and out of the trigger guard, and mind where the gun is aiming while proceeding non-firing operations.

- Push the recoil spring guide forward to detach from the frame, then remove it upward.
- Slightly push the outer barrel assembly forward, and then remove it upward.



## 10 H-UP ADJUSTMENT

- Please disassemble and remove the slide as step 9 instructed.
- Slightly rotate the dial to adjust the H-UP.



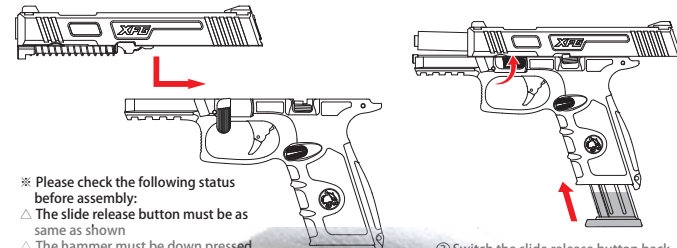
H-UP Gear

Decrease Increase



H-up Adjustment: Make sure the trajectory of the BB pellets to be straight. When the BB pellet flies up: Rotate the dial clockwise to lower the trajectory. When the BB pellet falls down: Rotate the dial counterclockwise to raise the trajectory.

## 11 ASSEMBLY



**WARNING · ATTENTION**

ICS will not be responsible for any mis-assembly, missing parts, and any problems caused by abnormality such as malfunctions, accidents, injuries, caused by malfunction, and all the maintaining expenses will be bear by the customer themselves.

- ※ Please check the following status before assembly:
- The slide release button must be as same as shown
  - The hammer must be down pressed.
- Insert the slide back into the receiver through the rail from the front.
  - Push and hold the slide to the end.

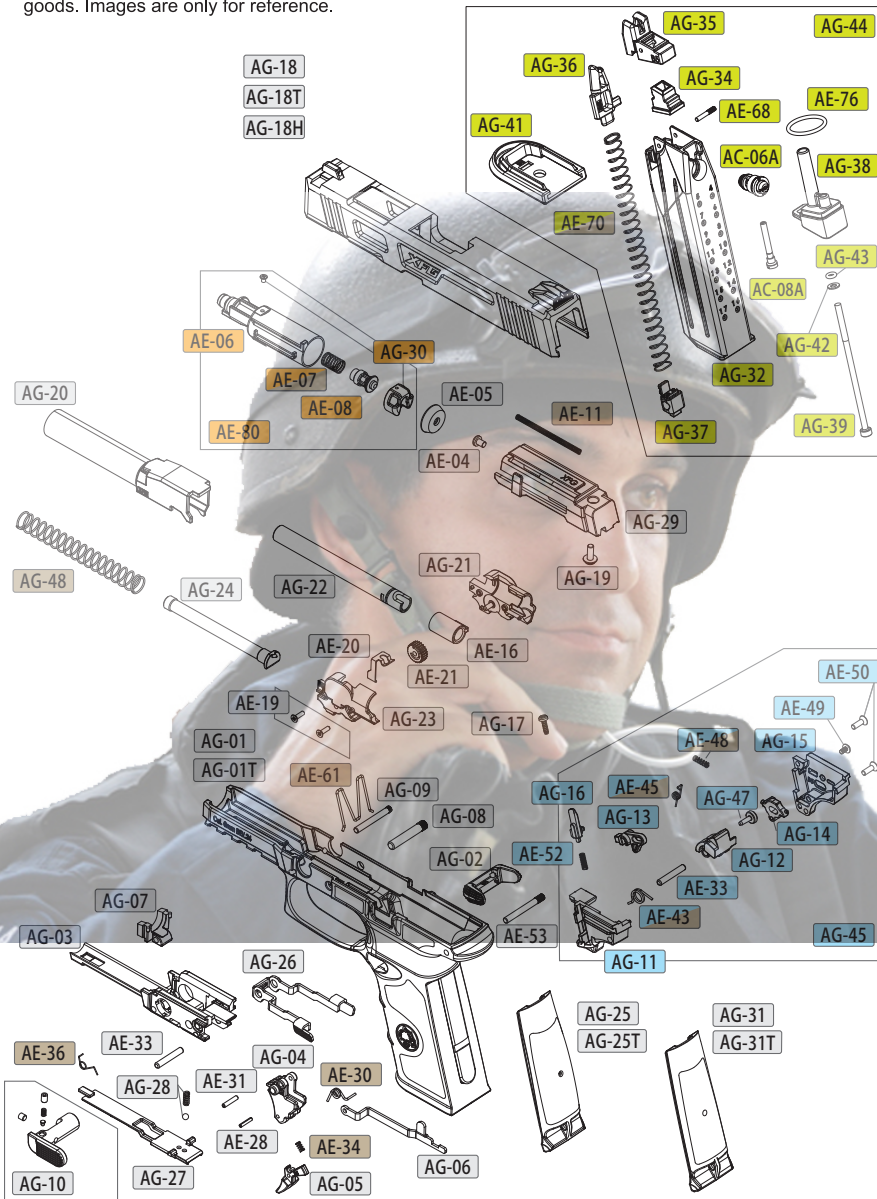
- Switch the slide release button back to its horizontal position, then release the slide.
- Load an empty magazine.

## 12 BASIC TROUBLESHOOTING GUIDE

SYMPTOMS	POSSIBLE CAUSES	SOLUTIONS
No Response	The safety is ON. (No firing)	Switch the safety to "OFF" (refer to step 2)
	Magazine overpressured.	Press the valve gently to release gas and to adjust pressure. Be careful when gas discharges from the nozzle seal.
	Insufficient gas inside the magazine.	Charge gas into magazine (refer to step 4)
The slide blows back but no BB is fired.	BB can't be loaded into the barrel.	Load the first BB into the barrel (refer to step 6)
	BB jams inside the magazine.	Push out the BB by using the clearing rod, or pull the slide backward, and turn the pistol up side down to remove.
Will not complete cycle	Magazine is too cold	Use the magazine after it returned to normal temperature (refer to step 4).
	Temperature is too low.	
	Magazine is too cold.	
Slide jammed	No gas in the magazine.	Charge gas into magazine (refer to step 4)
	Lubricant or silicon oil is not enough.	Apply lubricant to the moving aprts.
Gas comes out from the barrel	BBs or foreign matters jammed inside the slide or frame.	Remove the BBs or foreign matters.
	Slide Catch is not switched back to locking position.	Switch the slide release button to horizontal locking position (refer to step 11)
BBs fly up	Temperature is too low.	Use the magazine after it returned to normal temperature (refer to step 4).
	Magazine is too cold.	
Shooting range is too short	H-UP is over adjusted.	Adjust the H-UP gear clockwise .
	H-UP isn't adjusted enough.	Adjust the H-UP gear counterclockwise .
BBs roll out of barrel	Foreign matters or oil in the inner barrel.	Clean the inner barrel and H-UP bucking.
	H-UP isn't adjusted enough.	Adjust the H-UP gear counterclockwise.
Jammed	H-UP is over adjusted.	Adjust the H-UP gear clockwise.
	Bad BBs, oversize BBs	0.2g to 0.25g 6mm caliber BBs are recommended for optimum performance.
	Foreign matters or oil in the inner barrel.	Clean the inner barrel.

## 13 PARTS DIAGRAM

\*The components/accessories for each model may have kind of differences depending on the actual goods. Images are only for reference.



## 14 PARTS DESCRIPTION

ITEM#	DESCRIPTION	Q'TY	ITEM#	DESCRIPTION	Q'TY
AG-01	XFG Frame-BK	1	AE-76	XFG Magazine Base O-Ring	1
AG-01T	XFG Frame-TAN	1	AG-41	XFG Magazine Plate	1
AG-02	XFG Magazine Catch	1	AG-42	Washer	1
AG-03	XFG Trigger Housing	1	AG-43	Screw O-Ring	1
AG-04	XFG Trigger	1	AG-44	XFG Magazine	1
AG-05	XFG Trigger Safety	1	AG-45	XFG Hammer Parts	1
AG-06	XFG Trigger Bar	1	AG-46	XFG Spring Parts	1
AG-07	XFG Slide Positioning Block	1	AE-04	M1 Screw	1
AG-08	Trigger Housing Pin-Rear	1	AE-05	XAE Valve Plate	1
AG-09	Trigger Housing Pin-Front	1	AE-06	XAE Cylinder	1
AG-10	Slide Disassemble Lever	1	AE-07	XAE Valve Spring	1
AG-11	Hammer Housing-Left	1	AE-08	XAE Valve	1
AG-12	XFG Hammer	1	AE-11	XAE Cylinder Housing Spring	1
AG-13	XFG Knocker	1	AE-16	XAE H-UP Bucking	1
AG-14	XFG Sear with Spacer	1	AE-19	XAE H-UP Chamber Screw	2
AG-15	Hammer Housing-Right	1	AE-20	XAE H-UP Plate	1
AG-16	XFG Knocker Lock	1	AE-21	H-UP Dial	1
AG-17	Housing Attaching Screw	1	AG-28	XFG Recoil Spring	1
AG-18	XFG Slide-BK	1	AE-28	Trigger Safety Pin	1
AG-18T	XFG Slide-TAN	1	AE-30	XAE Trigger Bar Spring	1
AG-18H	XFG Slide-Hairline	1	AE-31	Trigger Bar Spring Pin	1
AG-19	Cylinder Housing Screw	1	AE-33	Slide Catch Lever Plate Pin	1
AG-20	XFG Outer Barrel	1	AE-34	XAE Trigger Spring	1
AG-21	XFG H-UP Chamber-Right	1	AE-36	XAE Slide Locking Plate Pin	1
AG-22	XFG Inner Barrel	1	AE-43	XAE Hammer Spring	1
AG-23	XFG H-UP Chamber-Left	1	AE-44	XAE Hammer Guide Wheel	1
AG-24	XFG Recoil Spring Guide	1	AE-45	XAE Hammer Bar Spring	1
AG-25	XFG Backstrap Thick-BK	1	AE-48	XAE Hammer Disconnect Spring	1
AG-25T	XFG Backstrap Thick-TAN	1	AE-49	Round Head Hammer Housing Screw	1
AG-26	XFG Slide Catch	1	AE-50	Flat Head Hammer Housing Screw	2
AG-27	XFG Safety Plate	1	AE-52	XAE Hammer Disconnect Pin Spring	1
AG-28	Bearing Ball and Spring	1	AE-53	XAE Hammer Housing Pin	1
AG-29	XFG Cylinder Housing	1	AE-61	XAE Magazine Catch Spring	1
AG-30	Valve Cover and Screw	1	AE-68	XAE Magazine Lip Pin	1
AG-31	XFG Backstrap Slim-BK	1	AE-70	XAE Magazine Follower Spring	1
AG-31T	XFG Backstrap Slim-TAN	1	AE-80	XAE Cylinder Parts	1
AG-32	XFG Magazine Case	1	AC-06A	REVO Energy Valve	1
AG-34	XFG Magazine Nozzle Seal	1	AC-08A	REVO Energy Nozzle	1
AG-35	XFG Magazine Lip	1			
AG-36	XFG Magazine Follower	1			
AG-37	XFG Magazine Plate Stoper	1			
AG-38	XFG Magazine Base	1			
AG-39	XFG Magazine Base Screw	1			