

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 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

- If the Trigger Safety is not pressed properly, it will not fire normally.
- The Trigger Safety needs to be pressed properly to fire normally.

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

WARNING-ATTENTION

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.

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 overflowing 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.

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.
- To preserve the magazine
- 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.

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.

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.

- Leave no gap between BBs.
- You may insert the last BB through the Magazine Lip. Do not attempt to insert more than 22 BBs.

● Pull the Magazine Follower down to the end, insert BBs into the BB slot. Maximum 22 rounds

6 Loading

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 makes the BBs load into the barrel repeatedly, which will lead to malfunction while firing and cause danger.
- When the Hammer is pressed down, pulling the trigger will fire the BB. Please take extra notice.

- Insert the magazine.
- Pull the Slide to the end and hold (the Hammer will be down pressed).
- 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).

7 SHOOTING

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 be bounced.
- The shooting range will not be far.

- 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 and forth when firing.

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

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

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.

● Shooting posture: Please do not operate the pistol up side down for optimum performance.

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 the remaining BB, make sure no BBs are left inside the barrel (Push the BB pellet out from the barrel by the clearing rod is 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.

Warning - Attention! Low temperature gas will be vented out while releasing the gas. Never point the Magazine Nozzle Seal towards any object that you do not want to damage while operate to avoid frostbite.

● Release the remaining gas by pressing the Magazine Valve with either finger or tool, to avoid elastic fatigue of your O-ring.

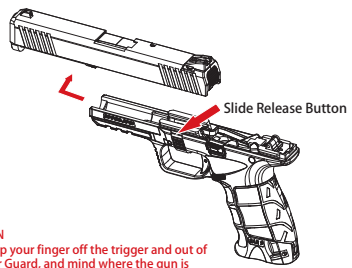
9 DISASSEMBLY (Do it when necessary)

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

- Press the Magazine Release Button to unload.
- Pull and hold the Slide to the end.
- Press down and hold the Slide Release Button.

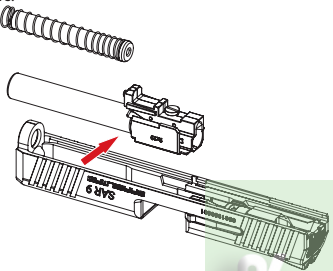
9 DISASSEMBLY (Do it when necessary)

④ Push the Slide forward to remove.



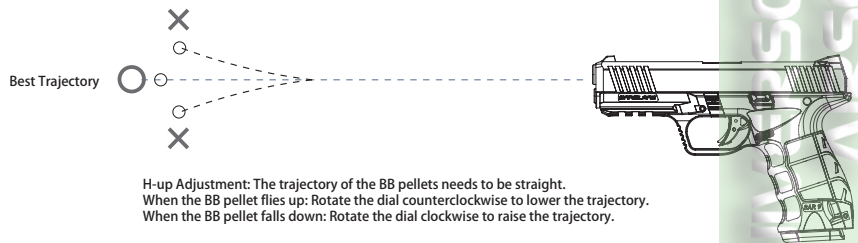
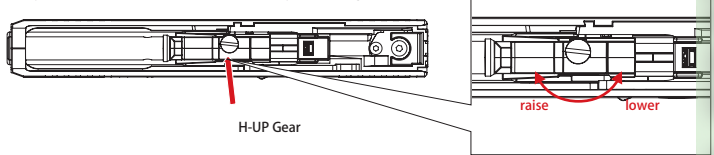
ATTENTION
△ Please keep your finger off the trigger and out of the Trigger Guard, and mind where the gun is aiming while proceeding non-firing operations.

⑤ Push the Recoil Spring Guide forward and rise it to detach.
⑥ Push the Outer Barrel Assembly slightly forward, and rise it to remove.



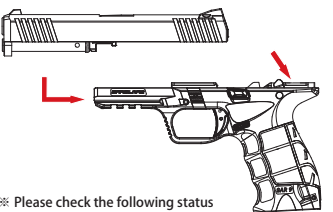
10 H-UP ADJUSTMENT

① Please disassemble and remove the Slide as Step 9 instructed.
② Adjust the H-up dial with a screwdriver to adjust the height of the H-up.



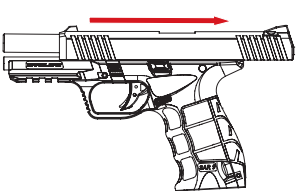
H-up Adjustment: The trajectory of the BB pellets needs to be straight.
When the BB pellet flies up: Rotate the dial counterclockwise to lower the trajectory.
When the BB pellet falls down: Rotate the dial clockwise to raise the trajectory.

11 ASSEMBLY



※ Please check the following status before assembly:
△ The Hammer must be down pressed.

① Insert the Slide back to the receiver through the rail from the front.



② Push the Slide to the end of the rail, then release it for repositioning.

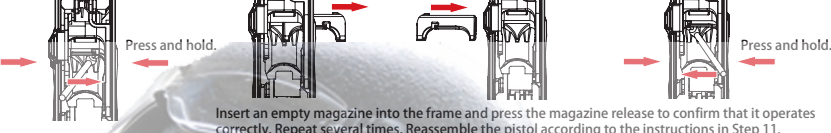
WARNING-ATTENTION

● ICS will not be responsible for any part assembling errors, missing parts, and problems such as malfunctions, accidents, injuries, caused by malfunction, and all the maintaining expenses will be beared by the customer themselves.

12 Reversible Magazine Catch

The magazine catch can be reversed by proceeding as follows (Note: The pistol must be field stripped pursuant to the instructions in Step 9 before the magazine catch can be reversed).

① While pressing against both sides of the Magazine Catch to prevent it from moving, use a small flat head screwdriver to push the Magazine Catch Spring up and towards the slot shaped cut in the Magazine Catch to release the spring tension on the Magazine Catch. Use pliers to pull the Magazine Catch Spring upwards and out of the receiver.
② Remove the Magazine Catch by pulling it out of the frame from the outside.
③ Reverse the Magazine Catch and reinsert it in the other side of the frame from the outside.
④ Insert the Magazine Catch Spring with the pliers in the provided hole and push this down. Make sure to seat it completely. Using a small flat head screwdriver, push the end of the Magazine Catch Spring back into the slot shaped cut in the Magazine Catch.



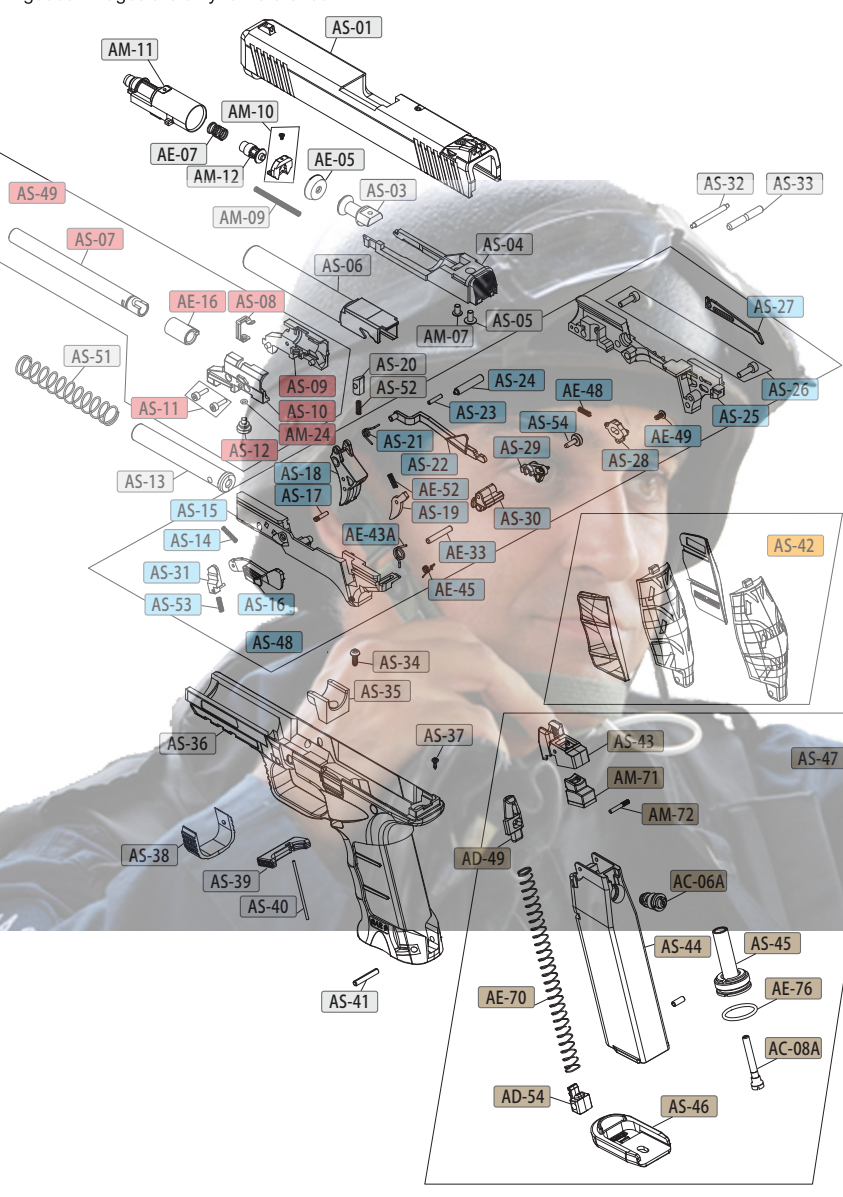
Insert an empty magazine into the frame and press the magazine release to confirm that it operates correctly. Repeat several times. Reassemble the pistol according to the instructions in Step 11.

13 BASIC TROUBLESHOOTING GUIDE

SYMPTOMS	POSSIBLE CAUSES	SOLUTIONS
No Response	Trigger has not been pulled firmly.	Pull the Trigger firmly.
	Magazine overpressured.	Press the valve gently to release gas and to adjust pressure. Be careful when gas is discharged 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 is jammed inside the magazine.	Push out the BB by using the clearing rod, or pulling 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 is returned to normal temperature (refer to Step 4).
	Temperature is too low.	
	Magazine is too cold.	Charge gas into magazine (refer to Step 4).
	No gas in the magazine.	
Slide jammed	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.	Press the Slide Catch downward to release the Slide.
Gas comes out from the barrel	Temperature is too low.	Use the magazine after it is returned to normal temperature (refer to Step 4).
	Magazine is too cold.	
BBs fly up	H-UP is over adjusted.	Rotate the dial counterclockwise to lower the trajectory (refer to Step 10).
Shooting range is too short	H-UP isn't adjusted enough.	Rotate the dial clockwise to raise the trajectory (refer to Step 10).
	Foreign matters or oil in the inner barrel.	Clean the inner barrel and H-UP bucking.
BBs roll out of barrel	H-UP isn't adjusted enough.	Rotate the dial clockwise to raise the trajectory (refer to Step 10).
Jammed	H-UP is over adjusted.	Rotate the dial counterclockwise to lower the trajectory. (refer to step 10)
	Bad BBs, oversize BBs	0.2 g to 0.25 g 6 mm caliber BBs are recommended for optimum performance.
	Foreign matters or oil in the inner barrel.	Clean the inner barrel.

14 PARTS DIAGRAM

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



15 PARTS DESCRIPTION

ITEM#	DESCRIPTION	Q'TY	ITEM#	DESCRIPTION	Q'TY
AS-01	SAR 9 Slide Combination	1	AC-06A	Revo Efficient Gas Release Valve	1
AS-03	SAR 9 Cylinder Cover Housing	1	AC-08A	Revo Quantitative Gas Injection Valve	1
AS-04	SAR 9 Cylinder Housing	1	AD-49	SAR 9 H-UP Combination	1
AS-05	SAR 9 Cylinder Housing Screw	1	AD-54	XPD Magazine Base Plate Stop	1
AS-06	SAR 9 Outer Barrel	1	AE-05	XAE Valve Plate	1
AS-07	Inner Barrel (97 mm)	1	AE-07	XAE Valve Spring	1
AS-08	SAR 9 H-UP Plate	1	AE-16	H-UP Bucking	1
AS-09	SAR 9 H-UP Chamber-Right	1	AE-33	Slide Catch Lever Plate Pin	1
AS-10	SAR 9 H-UP Chamber-Left	1	AE-43A	XAE Hammer Spring Asia Ver.	1
AS-11	SAR 9 H-UP Chamber Screw	1	AE-45	XAE Hammer Bar Spring	1
AS-12	SAR 9 H-UP Dial	2	AE-48	XAE Hammer Disconnect Spring	1
AS-13	SAR 9 Recoil Spring Guide	1	AE-49	Round Head Hammer Housing Screw	1
AS-14	SAR 9 Slide Catch Lever Spring	1	AE-52	XAE Hammer Disconnect Pin Spring	1
AS-15	SAR 9 Trigger & Hammer Housing-Left	1	AE-70	XAE Magazine Follower Spring	1
AS-16	SAR 9 Slide Catch Lever	1	AE-72	Magazine Base Plate Stop Pin	1
AS-17	Trigger Safety Pin	1	AE-76	O-ring	1
AS-18	SAR 9 Trigger	1	AM-07	Cylinder Housing Screw	1
AS-19	SAR 9 Trigger Safety	1	AM-09	Cylinder Housing Spring	1
AS-20	SAR 9 Slide Positioning Block	1	AM-10	BM9 Valve Cover with Screw	1
AS-21	SAR 9 Trigger Spring	1	AM-11	BM9 Cylinder	1
AS-22	SAR 9 Trigger Bar Lever	1	AM-12	BM9 Valve	1
AS-23	Trigger Bar Spring Pin	1	AM-24	O-Ring	1
AS-24	Trigger Bar Pin	1	AM-71	BM9 Magazine Nozzle Seal	1
AS-25	SAR 9 Trigger & Hammer Housing-Right	1	AM-72	Magazine Lip Pin	1
AS-26	Trigger & Hammer Combination Screw	1			
AS-27	SAR 9 Loaded Chamber Indicator Bar	2			
AS-28	SAR 9 Sear	1			
AS-29	SAR 9 Hammer Bar	1			
AS-30	SAR 9 Hammer	1			
AS-31	SAR 9 Hammer Disconnect	1			
AS-32	Slide Stop Bar Pin	1			
AS-33	Slide Positioning Block Pin	1			
AS-34	Slide Positioning Block Screw	1			
AS-35	SAR 9 Slide Positioning Block	1			
AS-36	SAR 9 Frame-BK	1			
AS-37	Hammer Combination Screw	1			
AS-38	SAR 9 Slide Stop Bar	1			
AS-39	SAR 9 Magazine Catch Button	1			
AS-40	SAR 9 Magazine Catch Button Spring	1			
AS-41	SAR 9 Grip Plate Pin	1			
AS-42	SAR 9 Grip Plate	1			
AS-43	SAR 9 Magazine Lip	1			
AS-44	SAR 9 Magazine Case	1			
AS-45	SAR 9 Magazine Base	1			
AS-46	BM9 Magazine Plate	1			
AS-47	SAR 9 Magazine	1			
AS-48	SAR 9 Trigger & Hammer Combination	1			
AS-49	SAR 9 H-UP Combination	1			
AS-51	Recoil Spring	1			
AS-52	Slide Positioning Block Spring (10pcs)	1			
AS-53	Hammer Disconnect Pin Spring	1			
AS-54	SAR 9 Hammer Guide Wheel	1			