



HI-CAPA CARNOTAURUS

Please read the [Instruction Manual] carefully and make full understanding of the details noted in the contents before use.

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.



1 PART DESCRIPTION

WARNING-ATTENTION

This model is featured with Gas-Blow-Back function. The slide will be pushed backward 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 40° C (104° F) or above.

2 SAFETY DEVICE

■ Safety ON
 Engage the safety by cocking down the hammer then pressing up on the safety lever.
 ※ The trigger and slide can not be pulled when the safety is engaged.
 ※ Please press up the safety lever only when the hammer is cocked, or damage might be caused.

■ Safety OFF
 Disengage the safety when you are going to fire.

■ The trigger cannot be pulled without holding the grip safety.

■ The trigger can be pulled when holding the grip safety firmly.

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 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 you operate 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 operate in environment of 40° 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. Prepare 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 gas adheres to the skin.
- 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 proceed.
- Placing magazines in wet places or accumulated water may lead to abnormalities.

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

● Pull the magazine follower down to the end, insert BBs into the BB slot. (30 rounds MAX)

● You may insert the last BB through the magazine lip.
 ※ Do not attempt to insert more than 30 BBs into the magazine.

6 Trigger Pull Adjustment

Please use a 2mm Allen wrench to adjust the trigger pull hex screw.
 ※ Please adjust according to personal habit.
 △ The trigger could be locked by fastening the hex screw to the end, please release the screw properly.

7 Loading

WARNING-ATTENTION

- Keep your face and fingers away from the slide while the slide is operating.
- When the magazine is detached, the slide stop will not lock the slide spontaneously after your releasing the slide.
- 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.

8 SHOOTING

- Switch the safety to FIRE.
- Load the pistol according to step 7.
- Pull the trigger to fire (a BB pellet will be fired and the slide will be pushed backward).

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.
- Shooting posture
 △ Please do not operate the pistol up side down for optimum performance.

● The slide will be blown back and forth when firing.

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)

※ 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.

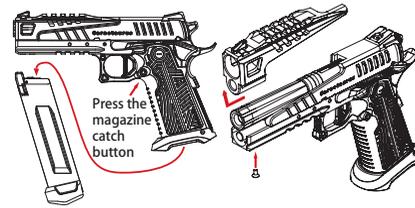
9 STORAGE

- 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.

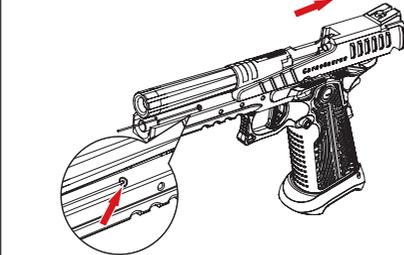
10 DISASSEMBLY (Do it when necessary)

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

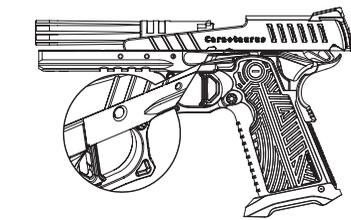
- Press the Magazine Release Button to unload the magazine.
- Remove the compensator screws, and detach the compensator.



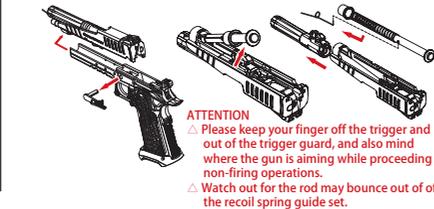
- Pull back the slide and press the slide stop upward to lock it.
- Insert the dedicated tool into the hole on the rod and reverse Step 10, to assemble the recoil spring guide set.



- Push the Slide backward and align the notch corresponds to the slide stop as shown.

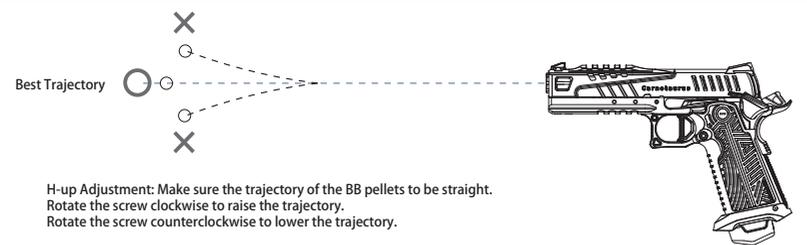
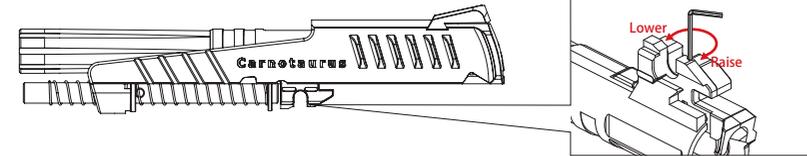


- Press the slide stop button on the right to remove it.
- Push the slide forward to detach it. Meanwhile, The recoil spring guide set is contained.
- The recoil spring guide set can be easily removed by slightly pushing it forward and taking it out.
- Push the outer barrel set forward to remove. You may disassemble the recoil spring guide by detaching the dedicated tool if necessary.



11 H-UP ADJUSTMENT

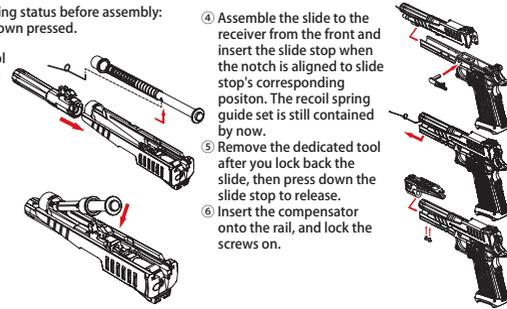
- Please disassemble and remove the slide as step 10 instructed.
- Slightly rotate the screw to adjust the H-UP.



12 ASSEMBLY

- Please check the following status before assembly:
 △ The hammer must be down pressed.

- Insert the dedicated tool into the hole on the rod and reverse Step 10, to assemble the recoil spring guide set.
- Assemble the outer barrel set by pushing it back into the slide.
- Assemble the recoil spring guide set to the slide.



- Assemble the slide to the receiver from the front and insert the slide stop when the notch is aligned to slide stop's corresponding position. The recoil spring guide set is still contained by now.
- Remove the dedicated tool after you lock back the slide, then press down the slide stop to release.
- Insert the compensator onto the rail, and lock the screws on.

WARNING · ATTENTION

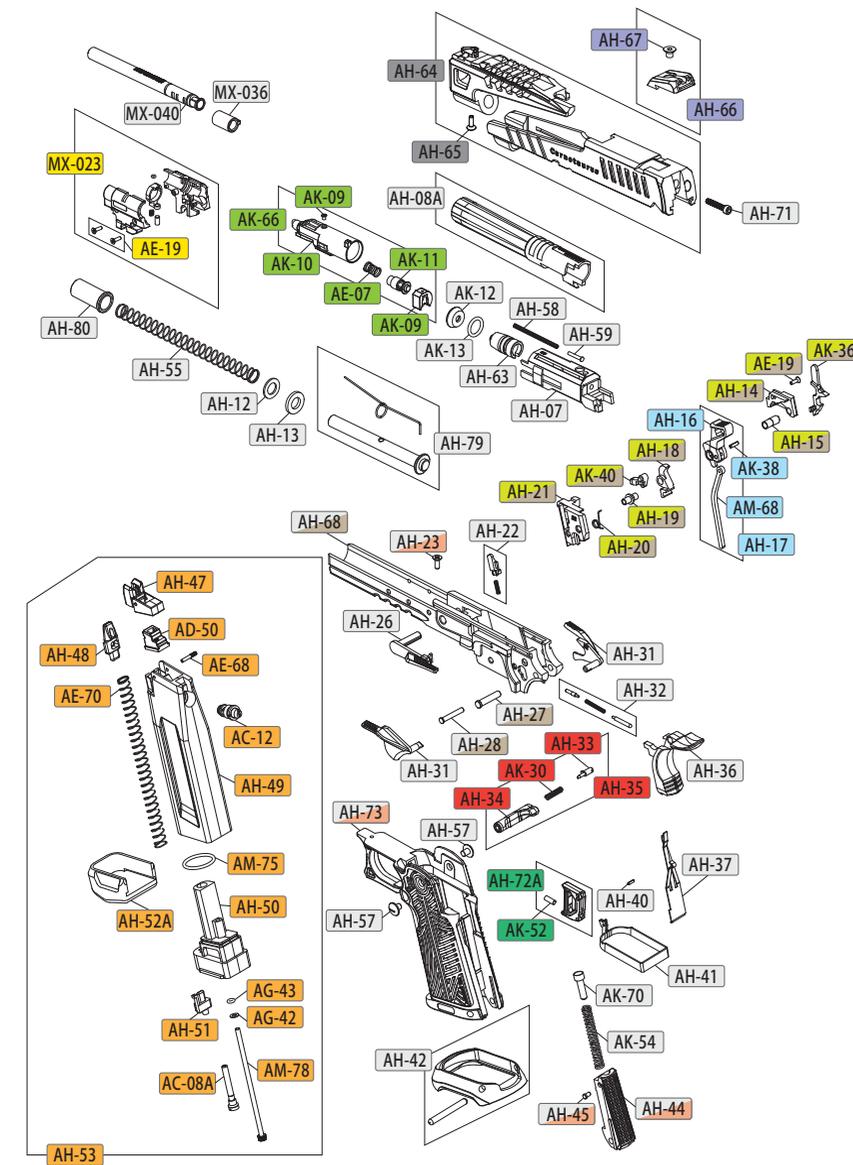
ICS will not be responsible for any part assembling errors, missing parts, and issues such as malfunctions, accidents, injuries, all the maintaining expenses will be borne by the customers.

13 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 7)
	BB is jammed 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.
	Magazine is too cold.	
Will not complete cycle	Temperature is too low.	Use the magazine after it is returned to normal temperature (refer to step 4).
	Magazine is too cold.	
	No gas in the magazine.	Charge gas into magazine (refer to step 4)
Slide jammed	Lubricant or silicon oil is not enough.	Apply lubricant to the moving parts.
	BBs or foreign matters jammed inside the slide or frame.	Remove the BBs or foreign matters.
Gas comes out from the barrel	Slide stop is switched to the locking position.	Press the slide stop downward to release the Slide.
	Temperature is too low.	Use the magazine after it is returned to normal temperature (refer to step 4).
BBs fly up	Magazine is too cold.	
	H-UP is over adjusted.	Rotate the H-UP screw counterclockwise.
Shooting range is too short	H-UP isn't adjusted enough.	Rotate the H-UP screw clockwise.
	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 H-UP screw clockwise.
	H-UP is over adjusted.	Rotate the H-UP screw counterclockwise.
Jammed	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.

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
AH-07	Hi-Capa Cylinder Housing	1	AH-74	Hi-Capa Totem Grip Combination	1
AH-08A	5.1" Hi-Capa Outer Barrel-Red	1	AH-79	4.3" Hi-Capa Recoil Spring Guide Rod with Reverse Plug Retention Clip	1
AH-12	Hi-Capa Shock Buffer Washer	1	AH-80	4.3" Recoil Spring Guide	1
AH-13	Hi-Capa Shock Buffer Rubber	1	AC-08A	Revo Quantitative Gas Injection Valve	1
AH-14	Hi-Capa Hammer Housing-Right	1	AC-12	Revo.II Efficient Gas Release Valve	1
AH-15	Hi-Capa Hammer Sleeve	1	AD-50	XPD Magazine Nozzle Seal	1
AH-16	Hi-Capa Hammer	1	AE-07	XAE Valve Spring	1
AH-17	Hi-Capa Hammer Combination	1	AE-19	XAE H-UP Chamber Screw	1
AH-18	Hi-Capa Sear	1	AE-68	XAE Magazine Lip Pin	1
AH-19	Hi-Capa Sear Sleeve	1	AE-70	XAE Magazine Follower Spring	1
AH-20	Hi-Capa Hammer Knocker Spring	1	AG-42	Washer	1
AH-21	Hi-Capa Hammer Housing-Right	1	AG-43	Screw O-Ring	1
AH-22	Hi-Capa Hammer Disconnect with Spring	1	AK-09	Vulture Valve Cover with Screw	1
AH-23	Hi-Capa Middle Frame Screw	1	AK-10	Vulture Cylinder	1
AH-26	Hi-Capa Slide Release	1	AK-11	Vulture Valve Plate	1
AH-27	Hi-Capa Hammer Pin	1	AK-12	Vulture Valve Plate	1
AH-28	Hi-Capa Sear Pin	1	AK-13	Cylinder Cover Housing O-Ring	1
AH-30	Hi-Capa Hammer Housing Combination	1	AK-30	Vulture Magazine Catch Spring	1
AH-31	Hi-Capa Slide Safety	1	AK-36	Vulture Hammer Disconnect Pin	1
AH-32	Slide Release Pin and Spring	1	AK-38	Hammer Brace Rod Pin	1
AH-33	Hi-Capa Magazine Catch Lock	1	AK-40	Vulture Hammer Knocker	1
AH-34	Hi-Capa Magazine Catch	1	AK-48	Vulture Trigger adjustment Screw	1
AH-35	Hi-Capa Magazine Catch Combination	1	AK-52	Hammer Spring	1
AH-36	Hi-Capa Grip Safety	1	AK-54	Vulture Cylinder Combination	1
AH-37	Hi-Capa Sear Spring	1	AK-66	Vulture Hammer Spring Holder	1
AH-40	Hi-Capa Trigger Bar Pin	1	AK-70	BM9 Hammer Brace Rod	1
AH-41	Hi-Capa Trigger Bar	1	AM-68	Magazine Base O-Ring	1
AH-42	Hi-Capa Magwell & Pin	1	AM-75	Magazine Base Screw	1
AH-44	Hi-Capa Hammer Spring Housing	1	MX-023	Master Hi-Capa TDC Hop Chamber	1
AH-45	Hi-Capa Hammer Spring Lock Pin	1	MX-036	Master Ver.2 R-Hop Chamber Rubber	1
AH-47	Hi-Capa Magazine Lip	1	MX-040	Master Inner Barrel 113mm	1
AH-48	Hi-Capa Magazine Follower	1			
AH-49	Hi-Capa Magazine Case	1			
AH-50	Hi-Capa Magazine Base	1			
AH-51	Hi-Capa Magazine Plate Stop	1			
AH-52A	Hi-Capa Magazine Plate-Red	1			
AH-53	Hi-Capa Magazine	1			
AH-53C	Hi-Capa CO2 Magazine-30rds	1			
AH-55	Hi-Capa Recoil Spring	1			
AH-57	Hi-Capa Grip Screw	2			
AH-58	Hi-Capa Cylinder Housing Spring	1			
AH-59	Hi-Capa Cylinder Housing Spring Pin	1			
AH-63	Hi-Capa Cylinder Cover Housing	1			
AH-64	Carnotaurs Slide with Front Sight Combination	1			
AH-65	Front Slide Screw	1			
AH-66	Hi-Capa 4.3 Rear Sight	1			
AH-67	Hi-Capa 4.3 Rear Sight Screw	1			
AH-68	Hi-Capa 5.1 Middle Frame	1			
AH-69	Hi-Capa 5.1 Middle Frame Combination	1			
AH-71	Hi-Capa Cylinder Housing Screw	1			
AH-72A	Hi-Capa Flat Trigger-Red	1			
AH-73	Hi-Capa Totem Grip	1			