



# OPERATING MANUAL

## Model CR600W CO<sub>2</sub> Powered Pellet Air Rifle

.177 Caliber(4.5mm)

.22 Caliber(5.5mm)

**▲ WARNING:** Not a toy, adult supervision required. Misuse or careless use may cause serious injury, particularly to the eye. It may be dangerous up to 500 yards. Read all instructions before using. The purchaser or owner should conform to all laws governing use and ownership of air guns. Air guns are intended for use by those 16 years of age or older under adult supervision.

**▲ WARNING:** Do not brandish or display this air gun in public -- it may confuse people and may be crime. Police and others may think this air pistol is a firearm. Do not change the coloration and markings to make it look more like a firearm.

**▲ WARNING:** Lead pellets. Do not inhale dust or put pellets in mouth. Wash hands after handling. This product contains lead, a chemical known to cause cancer and birth defects (or other reproductive harm.)

**▲ WARNING:** CO<sub>2</sub> cylinders may explode at temperatures above 120 °F (48.9°C). Do not mutilate or incinerate them. Do not expose them to heat or store CO<sub>2</sub> cylinders at temperatures above 120°F (48.9°C).

**▲ WARNING:** Keep hands and face away from escaping CO<sub>2</sub> gas. It can cause frostbite if contacted with skin.

# SPECIFICATION

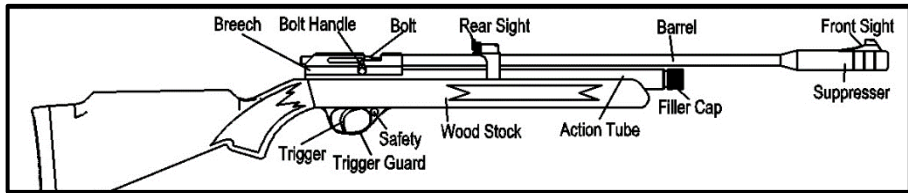
<b>Model</b>	CR600W
<b>Powered</b>	CO <sub>2</sub> cartridge
<b>Caliber</b>	.177(4.5mm) / .22(5.5mm)
<b>Velocity</b>	4.5mm, 0.55g pellets, 600fps 5.5mm, 1.0g pellets, 500fps
<b>Magazine</b>	4.5mm holds for 9 shots 5.5mm holds for 7 shots
<b>Trigger pull</b>	Adjustable, 0.5-4 lbf
<b>Safety</b>	Manual safety, 1~6 lbf
<b>Exterior size</b>	950*55*200(mm)
<b>Barrel Length</b>	480mm
<b>Lead Rail</b>	11mm
<b>Net weight</b>	2.1 kg

Congratulations and thank you for purchasing the Model CR600W, the CO<sub>2</sub> powered pellet air rifle. Please read this owner's manual completely. And remember, this air rifle is not a toy. Treat it with the same respect you would as a firearm. Always carefully follow the safety instructions found in this owner's manual and keep this manual in a safe place for future use.

## OPERATING PROCEDURES

- 1. Learning the Parts of Your New Air Rifle**
- 2. Make Your New Air Rifle Powered**
- 3. Loading, Unloading Pellets and Firing**
- 4. Common Issues and Solutions**

# 1. Learning the Parts of Your New Air Rifle

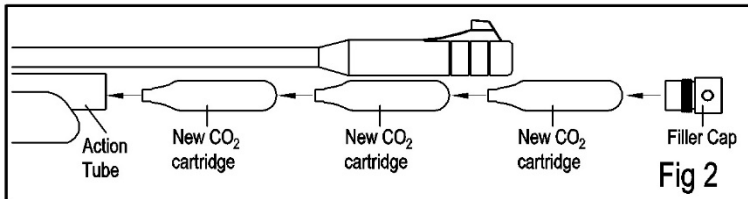


## 2. Make Your New Air Rifle Powered

### Installing and Removing CO<sub>2</sub> Cartridge for Model CR600W

#### A. Installing the CO<sub>2</sub> Cartridge

- Cock the pistol by pushing the bolt handle up and pulling it back until you hear one click. Close the bolt handle and push it down to lock. Dry fire it to make sure there's no CO<sub>2</sub> left in the cartridge (if any).
- Slowly turn the filler cap counter-clockwise all the way.
- Pull out the empty CO<sub>2</sub> cartridges (if any) with muzzle pointed down.
- Insert a new CO<sub>2</sub> cartridge into the action tube first (**see Fig 2**). Model CR600W is powered by one CO<sub>2</sub> cartridge, but it can store three cartridges. You can choose to put in spared cartridges or used ones.



- Tighten the filler cap completely into place.
- Point the air pistol in a SAFE DIRECTION, cock the bolt and pull the trigger. If it does not make a popping noise after that, the CO<sub>2</sub> is not being released. In that event, manually re-tighten the filler cap slightly or insert a small pin or rod into the filler cap hole. Then repeat cocking and dry firing until a popping noise is heard.

**NOTE:** Never try to force any CO<sub>2</sub> cartridge into or out of action tube. Do not store your air rifle with a CO<sub>2</sub> cartridge, if you will not use it for an extended period of time (See Section 2). This is very important to extend the service life of your air pistol seals.

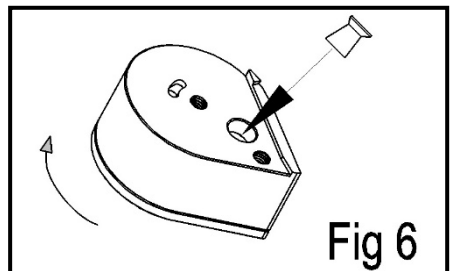
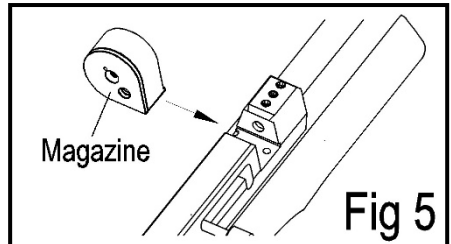
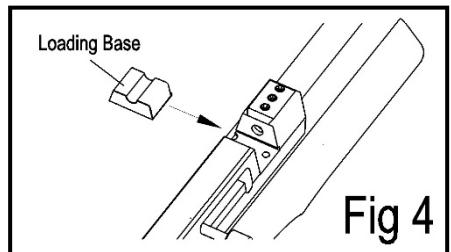
## B. Removing the CO2 Cartridge

- Make sure the air rifle is unloaded (See Section 3B) and pointed in a SAFE DIRECTION.
- Slowly turn the filler cap counter-clockwise and NOT PUT YOUR FINGERS in front of the barrel.
- Move your hand away from filler cap until you do not hear any escaping CO2 gas.
- Slowly turn the filler cap clockwise all the way. Be careful not to contact with any remaining CO2, which will be very cold and may cause frostbite.
- Point the muzzle down so the CO2 cartridge will fall out.

## 3. Loading, Unloading Pellets and Firing

### A. Loading Pellets

- Model CR600W is both capable of single shot and multi-shot. Please follow its procedures separately.
- Point the air rifle in a SAFE DIRECTION.
- Cock the rifle by pulling the bolt backward to the open position until a click sound is heard.
- With the bolt open, insert a loading base from left to right to the breech (see Fig 4). The base tongue shall match breech groove. Then place one pellet into the loading port, nose first. Load no more than one pellet at a time for SINGLE SHOT.
- With the bolt open, insert a magazine for MULTI-SHOT, which holds for 9 pellets for cal. 4.5 and 7 shots for cal. 5.5, from left to right to the breech (see Fig 5). The magazine tongue shall match breech groove.
- Load one pellet, skirt first, into the magazine port (See Fig 6). Turn the transparent plate clockwise to load another pellet until the plate rebound is felt, which means the last pellet is loaded. Turn the plate back and now you have finished loading pellets to the magazine.
- Close and lock the bolt by pushing the bolt handle forward and down until firm resistance is felt.
- Be sure the bolt is closed and locked before firing.



## B. Firing

- Make sure to wear eye protection.
- Point the air rifle in a SAFE DIRECTION.
- Cock and close the bolt.
- Aim at a safe target.
- Turn OFF safety (not showing red) and fire.
- Remove the magazine to re-load and insert it for re-shoot.

**NOTE:** Push the bolt a little harder, if the resistance or jam is felt when closing the bolt back with magazine.

Immediate shoot after cocking is recommended, in case you cock again and let two pellets get in barrel.

## 4. Common Issues and Solutions

NO.	Model	Issue	Solution
1	CR600W	Leakage in air tube when assemble CO2 cartridge	Re-tighten the filler cap
2	CR600W	Leakage in barrel when assemble CO2 cartridge.	Change exhaust valve core
8	CR600W	Bolt can't be turned to the end.	Bolt screws have become loose and need to be re-tightened.
9	CR600W	Grouping suddenly become not good	Barrel fixing screws have become loose and need to be re-tightened.
10	CR600W	Leakage when fire at loading port	Change breech O-ring.
11	CR600W	Feeling heavy to pull the bolt	Dismantle breech, clean around bolt probe and add lubricating oil on bolt probe.



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