

OPERATING MANUAL

Model CR600W

CO2 Powered Pellet Air Rifle

Model PR900W

Pre-charge Pneumatic 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: CO₂ 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 CO₂ cylinders at temperatures above 120°F (48.9°C).

▲WARNING: Keep hands and face away from escaping CO₂ gas. It can cause frostbite if contacted with skin.

▲WARNING: Use only compressed air in Model PR900W. Use no other gasses --- including oxygen, which can cause a fire or explosion that may result in serious injury or death.

SPECIFICATION

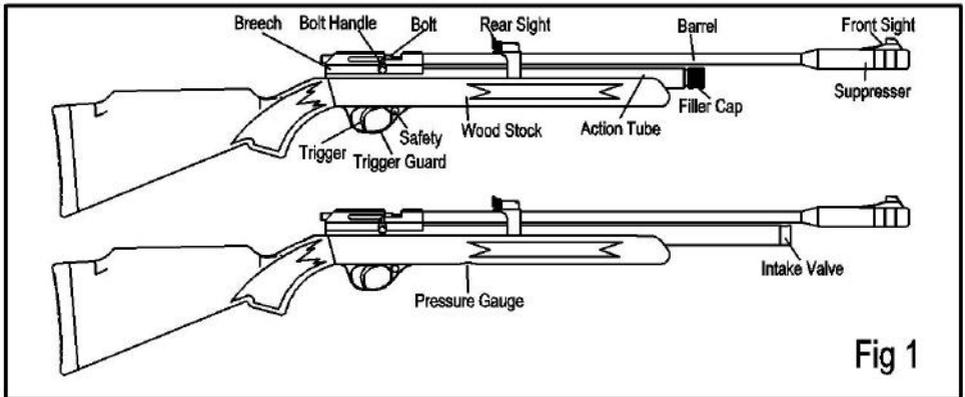
Model	CR600W	PR900W
Powered	CO ₂ cartridge	Pre-charged air
Caliber	.177(4.5mm) / .22(5.5mm)	.177(4.5mm) / .22(5.5mm)
Velocity	4.5mm, 0.55g pellets, 600fps 5.5mm, 1.0g pellets, 500fps	4.5mm, 0.55g pellets, 900fps 5.5mm, 1.0g pellets, 800fps
Magazine	4.5mm holds for 9 shots 5.5mm holds for 7 shots	4.5mm holds for 9 shots 5.5mm holds for 7 shots
Trigger pull	Adjustable, 0.5-4 lbf	Adjustable, 0.5-4 lbf
Safety	Manual safety, 1~6 lbf	Manual safety, 1~6 lbf
Exterior size	950*55*200(mm)	950*55*200(mm)
Barrel Length	480mm	480mm
Lead Rail	11mm	11mm
Net weight	2.1 kg	2.27 kg

Congratulations and thank you for purchasing the Model CR600W, the CO₂ powered pellet air rifle or the Model PR900W, the pre-charge pneumatic 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

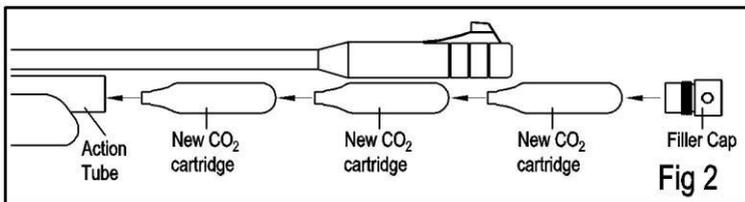


2. Make Your New Air Rifle Powered

Installing and Removing CO₂ Cartridge for Model CR600W

A. Installing the CO₂ 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 CO₂ left in the cartridge (if any).
- Slowly turn the filler cap counter-clockwise all the way.
- Pull out the empty CO₂ cartridges (if any) with muzzle pointed down.
- Insert a new CO₂ cartridge into the action tube first (**see Fig 2**). Model CR600W is powered by one CO₂ 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 CO₂ 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 CO₂ cartridge into or out of action tube. Do not store your air pistol with a CO₂ 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.

Filling and Depressing the Air Rifle for Model PR900W

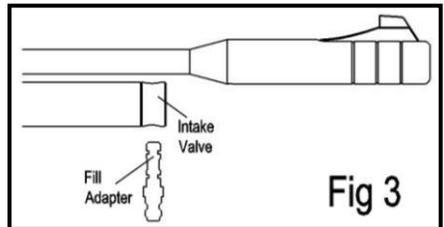
Fit the fill adapter to the coupler socket of the charging equipment, which must incorporate a pressure gauge. Ensure both fill adapter and filler are clean from dirt, then insert fill adapter into intake valve (see Fig 3). We recommend you fill 19MPa pressure to the air reservoir. DO NOT exceed the maximum pressure 20 MPa.

A. Filling the Air Rifle with a Hand Pump

- Make sure the air rifle is unloaded and not cocked.
- Read all instructions with your hand pump so you are familiar with its operation.
- Put the air rifle "ON SAFE" (not showing red)
- Point the air rifle in a SAFE DIRECTION.
- Follow the above steps to connect pump and rifle, now you are ready to fill.

B. Filling the Air Rifle with a Scuba Tank

- Connect the scuba tank and the rifle.
- Slowly open the valve on your tank and start filling the air rifle SLOWLY. Filling too quickly will cause heat buildup that can affect the accuracy of the fill pressure.
- Watch the gauge on your air rifle and the air reservoir until the reasonable pressure is reached.



- DO NOT fill the air rifle to more than 20MPa.
- Turn the valve on your tank off when the reasonable pressure is reached.
- BLEED the fill hose COMPLETELY to avoid hose whip and possible injury.
- Disconnect the tank's fill hose from the filler nozzle on the air rifle.

C. Depressurizing the Air Rifle

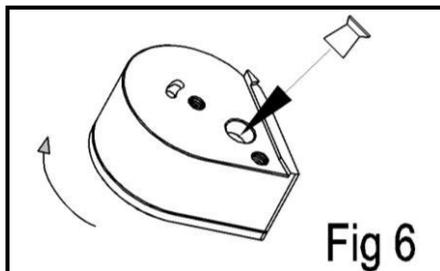
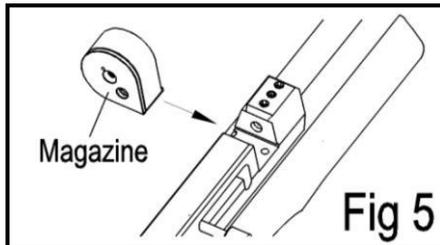
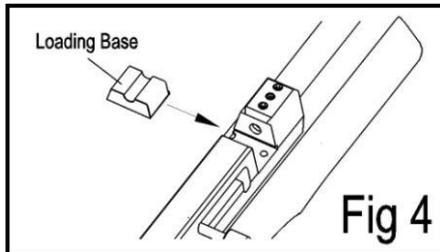
Your PR600W air rifle, like most PCP air rifles, is best stored with some pressure in the reservoir. This keeps the seals in the air rifle forced against the sealing surface and saves some air for next time fill or use. In the event you want or need to depressurize the air rifle follow the following steps:

- Keep the air rifle pointed in a SAFE DIRECTION.
- Remove all the air from the air rifle by repeatedly cocking and dry-firing with the air rifle pointed in a SAFE DIRECTION until the pressure gauge on your air rifle shows no pressure and NO air cannot be heard when the shot is fired.
- Put the air rifle "ON SAFE".

3. Loading, Unloading Pellets and Firing

A. Loading Pellets

- Model CR600W/PR900W 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
3	PR900W	Leakage at fill adapter when charging	Replace the filler O-ring
4	PR900W	Air coming out from barrel when charging	Cock the gun first then charge OR change exhaust valve core
5	PR900W	Leakage at filler hole after charging	Replace intake valve O-ring
6	PR900W	Leakage at mount place of exhaust/ intake valve and air reservoir	Replace valve body O-ring
7	PR900W	Leakage at pressure gauge when charging	Replace pressure gauge O-ring
8	CR600W/ PR900W	Bolt can't be turned to the end.	Bolt screws become loose and need to be re-tightened.
9	CR600W/ PR900W	Grouping suddenly become not good	Barrel fixing screws become loose and need to be re-tightened.
10	CR600W/ PR900W	Leakage when fire at loading port	Change breech O-ring.
11	CR600W/ PR900W	Feeling heavy to pull the bolt	Dismantle breech, clean around bolt probe and add lubricating oil on bolt probe.