



Another "Family Fun"

622

#### SPECIFICATIONS

<b>Mechanism</b>	Slide-action Repeater
<b>Caliber</b>	.22
<b>Ammunition</b>	Crosman SUPER PELLIS®
<b>Pell Clip</b>	6 Pells
<b>Weight</b>	6 lbs. (2.7kg)
<b>Overall Length</b>	40 1/2 in. (1022mm)
<b>Sights</b>	
<b>Rear</b>	Fully adjustable for elevation and windage
<b>Front</b>	Ramped blade
<b>Barrel</b>	23 in. (584mm), Button rifled, 10 lands, right hand twist, one turn in 16 in. (406mm) Solid steel
<b>Power Source</b>	One Crosman 12 gr. POWERLET®
<b>Stock</b>	Hardwood, walnut finish

#### Performance

Muzzle Velocity	Projectile	Weight (Grains)
375 f.p.s.	.22 Pell	15.5

30 Shots per POWERLET

## SHOOTING THE 622

**IMPORTANT:** Low CO<sub>2</sub> power will cause pellet jamming in barrel. Replace POWERLET after every 30 shots. Refer to POWERLET Replacement instructions. (Fig. 9)

### To Load The Rifle

If your rifle is charged with CO<sub>2</sub> gas, take rifle off SAFE, pull the Forearm Slide fully backward and remove the Pell-Clip (Fig. 2). Push the Forearm Slide forward and push in the Safety Bolt from the left side of the Trigger Guard. Safe is marked PUSH SAFE on the left side of the Receiver.

**ATTENTION:** To be absolutely sure no Pellets remain in the Chamber, gently run the 622 Ramrod through the Barrel until you see the end of the Ramrod in the Pell-Clip opening. (Fig. 6)

Hold the Pell-Clip so that the marking, LOAD FROM THIS SIDE, faces you (Fig. 3). Place a Crosman SUPER PELL, nose first, into the port at the top of the clip. Check each Pell to be sure that it is round. Rotate the cylinder and load each chamber in succession. When the Pell-Clip is properly loaded, the hollow (skirted) end of the pell will be facing you.

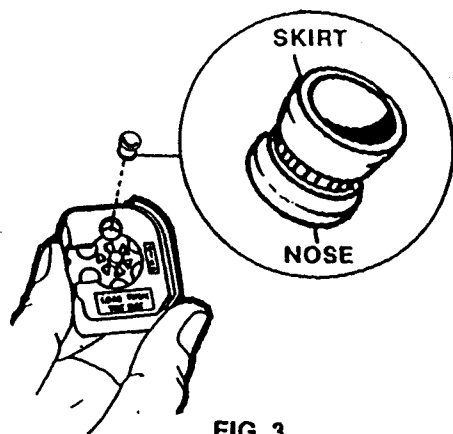
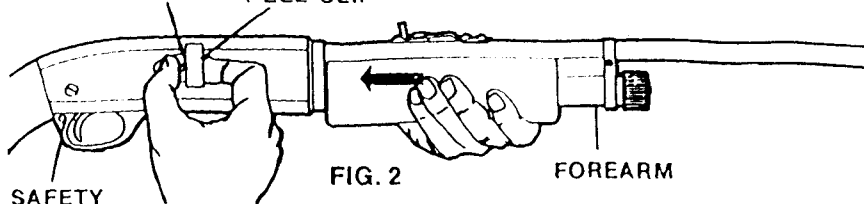


FIG. 3

Remove SAFE, pull the Forearm Slide fully backward and set the Safety Bolt to PUSH SAFE. Make sure that the top pellet is aligned with Loading Port, so that the pellet will be properly positioned when the gun has been cocked. Hold the Pell-Clip with the thumb and index finger and, with the Loading Port uppermost (arrow pointing upward), insert the clip into the opening on the right side of the Receiver. The clip will slide into the opening freely until it meets some resistance. Push the Pell-Clip past the resistance, until it snaps into place (Fig. 4).

## CLIP EXTRACTOR • PELL-CLIP



SAFETY

FIG. 2

FOREARM

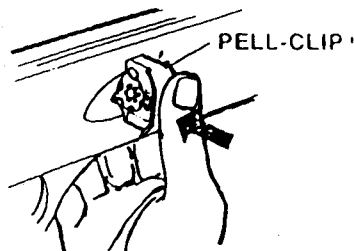


FIG. 4

### To Shoot The Rifle

Point the rifle in a safe direction and move the Forearm Slide fully forward from its rear position. Put gun on SAFE.

**IMPORTANT:** The 622 now has a pell in the chamber. DO NOT pump gun again before firing.

Be sure of your target and backstop. Push in Safety Bolt from right side of Trigger Guard. Take aim, squeeze Trigger and shoot. After firing the first shot, firmly move the Forearm Slide all the way back, and return it to the forward position until an audible click is heard. The gun is now cocked and ready to be fired once again.

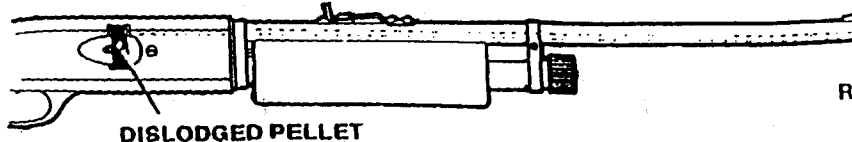
Always check to make sure that no pellet is left in the chamber, as mentioned in the first paragraph.

To achieve maximum safety when the 622 is not being fired, pull the Forearm Slide all the way back, set the Safety Bolt to PUSH SAFE, and remove the clip. When the Safety Bolt is set to PUSH SAFE, the Forearm Slide cannot be moved back sufficiently to cock the gun or remove the Pell-Clip.

**WARNING:** Never pump more than once with a loaded Pell-Clip in gun. The gun will jam.

### To Unload The Rifle

Pull the Forearm Slide all the way back and remove the Pell-Clip. Push the Forearm Slide forward and set the Safety Bolt to PUSH SAFE. Always check to make sure that no pellet is left in the chamber, as mentioned in the first paragraph.



DISLODGED PELLET

Once the Pell-Clip has been moved from the rifle, pellets may be removed from the Pell-Clip by inserting a blunt instrument, such as a pencil, into the hollow of the clip and pushing it out through the Loading Port (Fig. 5). Rotate the cylinder and push each pellet out through the Loading Port in turn.

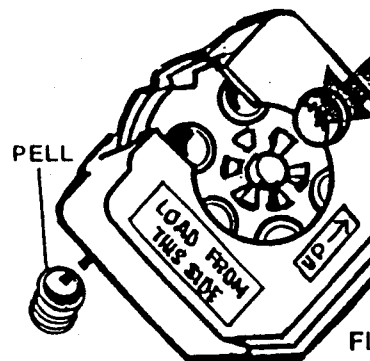


FIG. 5

### To Unload a Pell From The Barrel

To remove a pellet or obstruction that has become lodged in the barrel, pull the Forearm Slide fully forward and remove the Pell-Clip. Set the Safety Bolt to PUSH SAFE. Push the Forearm Slide back, insert the special 622 ramrod into the muzzle end of the Barrel and very CAREFULLY push the pellet or obstruction out into the Pell-Clip opening (Fig. 6).

### To Charge The Rifle With CO<sub>2</sub> Gas

Before replacing a CO<sub>2</sub> gas cylinder, replace the POWERLET, proceed as detailed in the following instructions.

### To Exhaust CO<sub>2</sub> Gas

Point the rifle in a safe direction and set the Safety Bolt to PUSH SAFE.

**CAUTION:** Do not allow exhaust gas to come in contact with the face since CO<sub>2</sub> gas can cause frost.

Continued on reverse

Turn the POWERLET Piercing Assembly counterclockwise until you can hear gas escaping (Fig. 7). Continue to turn the Piercing Assembly slowly counterclockwise until all the CO<sub>2</sub> gas is exhausted and the assembly can be removed.

Point the muzzle of the rifle toward the ground and the empty POWERLET will drop out. In the event that the POWERLET does not readily drop out, insert a flat-bladed instrument, such as a table knife into the POWERLET removal slot and apply downward (toward the muzzle) pressure (Fig. 8). The POWERLET should then dislodge and drop out.

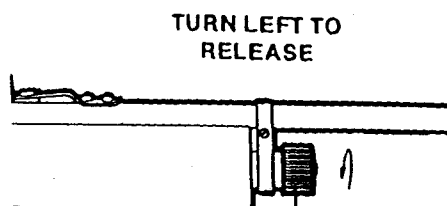


FIG. 7

POWERLET  
REMOVAL  
SLOT

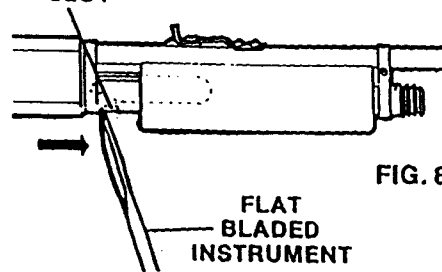


FIG. 8

FLAT  
BLADED  
INSTRUMENT

#### To Replace The POWERLET

Insert a new Crosman POWERLET in the POWERLET Chamber with the neck toward the Trigger (Fig. 9). Insert the POWERLET Piercing Assembly, and turn it in a clockwise direction until the POWERLET is secure. This action also pierces the POWERLET.

To determine that the POWERLET is properly pierced, point the rifle in a safe direction, take the Safety Bolt off SAFE, pull back the Forearm Slide and return it to the forward position, and squeeze the Trigger to fire the rifle. If the rifle does not fire, it is probably because the POWERLET is not pierced. Again, turn the POWERLET Piercing Assembly clockwise by hand until the POWERLET is pierced and completely secure. DO NOT use pliers or other tools to turn the POWERLET Piercing Assembly, as you may cause damage to the internal components of your rifle.

**Remember:** When the Safety Bolt is set to PUSH SAFE and the gun is not cocked, the Forearm Slide cannot be brought all the way back to cock the gun.

POWERLET

#### Elevation

If the rifle is required to shoot higher, the Rear Sight must be raised; to shoot lower, the Rear Sight must be lowered. To raise the Rear Sight, insure that the rifle is set to PUSH SAFE, lift the Sight Blade slightly with the thumb, and, at the same time, move the Elevator backward toward the Butt Plate (Fig. 11). To lower the Rear Sight, set the rifle to PUSH SAFE, and move the Elevator forward toward the muzzle. Be sure that the Sight Blade seats properly in the Elevator notch. Repeat this procedure until the rifle is zeroed.

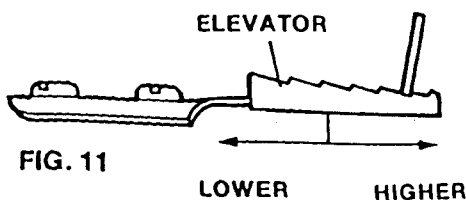


FIG. 11

Windage

If it is necessary to adjust the Rear Sight to compensate for windage, be sure that the rifle is set to PUSH SAFE, release the Sight Blade screw just enough (about 1/2 turn) to be able to move the sight (Fig. 12). To make the rifle shoot more to the right, move the Rear Sight to the right. To adjust to the left, move the sight to the left. It is advisable to support the rifle on a suitable rest while adjustments are being made. Secure the screw and test fire the rifle. DO NOT over tighten the screw, as permanent damage to the threaded holes in the Sight Blade can result. Repeat the above procedure if further adjustment is necessary.

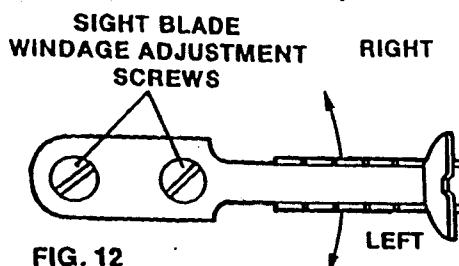


FIG. 12

#### CARE OF THE 622

Treat your Pell-Clip Repeater 622 with the same fine care that you give your other valued possessions, and it will give you a lifetime of service, pleasure and enjoyment. Be sure your rifle is set to PUSH SAFE and is unloaded when it is not in use. Always keep your rifle clean. Be sure that dirt and grit do not get into the Barrel, Pell-Clip, valve section, or other moving parts. Gently wipe metal parts with a cloth moistened with Crosman PELLGUNOIL to prevent rust and to preserve the finish. DO NOT expose a CO<sub>2</sub> charged rifle or POWERLETS to excessive heat or cold.

**IMPORTANT:** Pr  
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Crosman Arms  
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The Pell-Clip R  
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finest quality mater  
to combine high p  
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**BOLT ON SAFE.** pull back the Forearm Slide and return it to the forward position, and squeeze the Trigger to fire the rifle. If the rifle does not fire, it is probably because the POWERLET is not pierced. Again, turn the POWERLET Piercing Assembly clockwise by hand until the POWERLET is pierced and completely secure. **DO NOT** use pliers or other tools to turn the POWERLET Piercing Assembly, as you may cause damage to the internal components of your rifle.

**Remember:** When the Safety Bolt is set to PUSH SAFE and the gun is not cocked, the Forearm Slide cannot be brought all the way back to cock the gun.

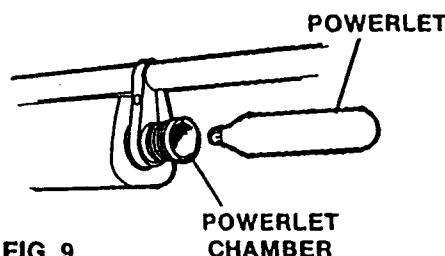


FIG. 9

### SIGHTING-IN THE 622

The rifle is correctly aimed when the blade of the Front Sight is positioned exactly in the notch of the Rear Sight, and the top of the Front Sight is flush with the top of the Rear Sight (Fig. 10). For target shooting, many marksmen prefer to sight-in at the bottom of the bull's-eye (the six-o'clock position). The sights will then appear black against the white of the target. The point of impact, however, will be the center of the bull's-eye.

The Rear Sight of your rifle may be adjusted for elevation and, if necessary, windage.

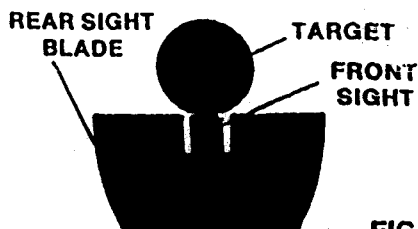
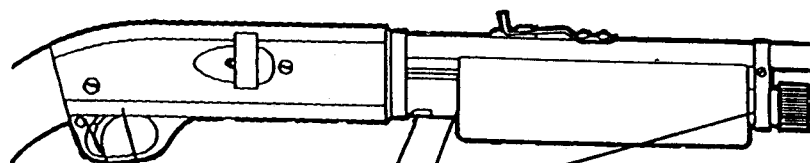


FIG. 10

### CARE OF THE 622

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**IMPORTANT:** After extensive use it is recommended that all external screws be checked for tightness.



### pellgunoil®

#### Lubrication

Be sure to follow these simple instructions to insure the long life of your rifle. To maintain trouble-free performance and eliminate most sealing failures, apply three or four drops of PELLGUNOIL® after every 250 shots, or whenever the moving parts appear dry (Fig. 13). Apply two drops of PELLGUNOIL to the piercing pin and the external seal in the Piercing Assembly about every 250 shots (when you are replacing the POWERLET). Be sure the O-ring on the Piercing Assembly is clean and free of foreign matter which could

**WARNING:** The use of lubricating oil other than oil could result in damage to the gun.

cause excessive wear or damage. **DO NOT** use too much oil, as this may harm the gun action.

**DO NOT** use penetrating, or regular gun oils, as these can damage the valve wash and finish.

**IMPORTANT:** The owner is responsible for the proper operation of the gun as outlined in the owner's manual. Failure to follow the lubrication instructions will result in malfunction of the gun and invalidate the Crosman warranty. Any subsequent repairs will be at the owner's expense.

### CAUTION

The following suggestions are intended to serve as a useful reference.

- DON'T** forget to treat every gun as if it were loaded.
- DON'T** pump the 622 more than once before firing when there is a clip in the gun.
- DON'T** forget to make sure that the Safety Bolt is on SAFE before loading the gun.
- DON'T** shoot more than 30 shots without replacing POWERLET.
- DON'T** re-use ammunition that has already been fired.
- DON'T** try to shoot steel darts, or you may injure someone or impair the accuracy of your rifle.
- DON'T** ever point your rifle in an unsafe direction.
- DON'T** shoot at a target unless you are sure that the target is safe.
- DON'T** over lubricate.
- DON'T** ever store your rifle without making sure it is unloaded.
- DON'T** use your rifle with respect for your rifle and others.
- DON'T** conduct yourself like an unsportsman-like person when using your rifle.