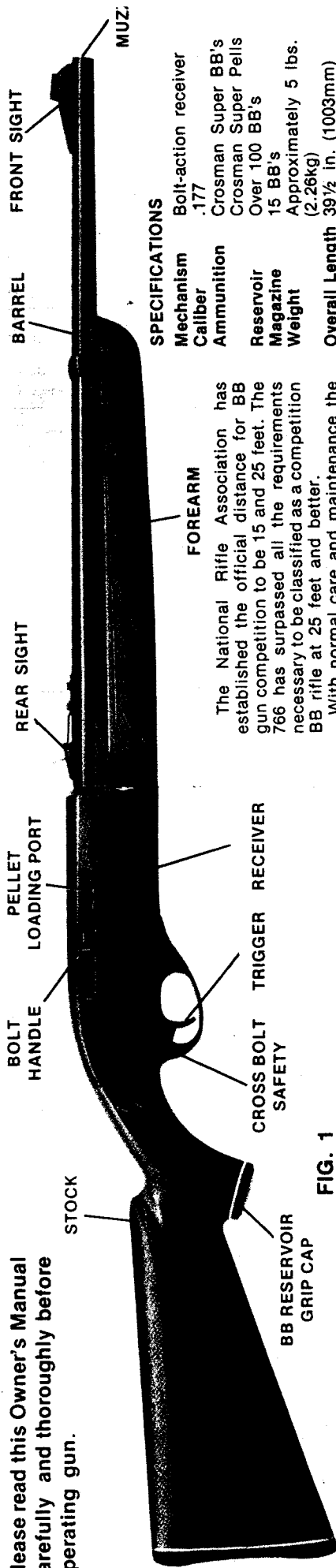




Please read this Owner's Manual carefully and thoroughly before operating gun.



**SPECIFICATIONS**

<b>Mechanism</b>	Bolt-action receiver
<b>Caliber</b>	.177
<b>Ammunition</b>	Crosman Super BB's Crosman Super Pellets Over 100 BB's
<b>Reservoir</b>	15 BB's
<b>Magazine</b>	Approximately 5 lbs. (2.26kg)
<b>Overall Length</b>	39½ in. (1003mm)
<b>Sights</b>	Rear sight adjustable for elevation and windage. Front sight fixed Blade type.
<b>Barrel</b>	Solid steel, 19 in. (485mm)
<b>Power</b>	Short stroke pneumatic pump action
<b>Range</b>	Choice of range, depending upon number of pump

**FOREARM**

The National Rifle Association has established the official distance for BB gun competition to be 15 and 25 feet. The 766 has surpassed all the requirements necessary to be classified as a competition BB rifle at 25 feet and better.

With normal care and maintenance the 766 will last a life time and provide endless pleasure. You are urged to use the rifle with respect for other people and to exercise caution and common sense at all times. Care should be taken not to alter or adjust any of the factory settings to the trigger or safety bolt, or to interfere with any part of the rifle that may impair its safe operation.

CROSS BOLT TRIGGER RECEIVER SAFETY

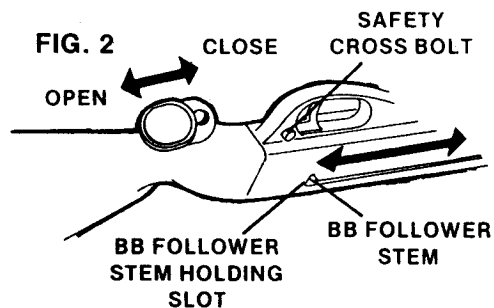
**FIG. 1**

performance with inexpensive shooting. It is a pneumatic pump action rifle and operates as a BB repeater and a single shot .177 caliber pelgun. Before the rifle was released from our factory, it had undergone numerous rigid inspections and had been test fired to guarantee its performance.

Crosman Arms welcomes you, the owner of a Model 766 rifle, to the ever-increasing number of sportsmen and shooting enthusiasts who have chosen Crosman guns.

The 766 is a precision built rifle, engineered from the finest quality materials and designed to combine high

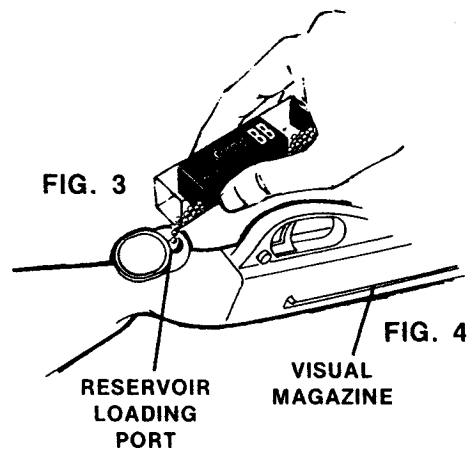
## SHOOTING THE 766



### To Load The Rifle With BB's

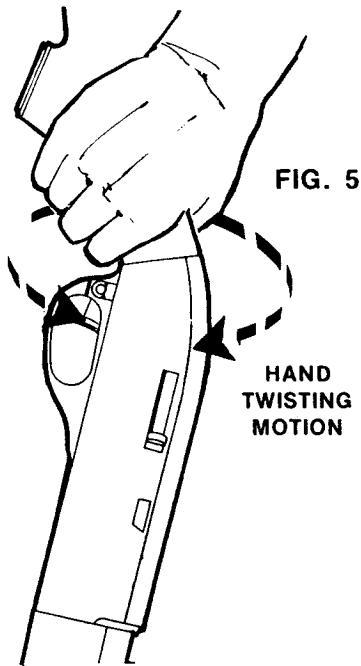
Make trigger inoperable by putting the rifle on SAFE. To do this, push the Safety Cross Bolt from left side of gun. SAFE position is clearly marked (Fig. 2).

To load BB's in Reservoir, turn gun upside down with Trigger Guard facing up. Slide Grip Cap in direction of Butt Plate until it stops (Fig. 3). Load Reservoir with BB's and return Grip Cap to closed position. When rifle is returned to upright



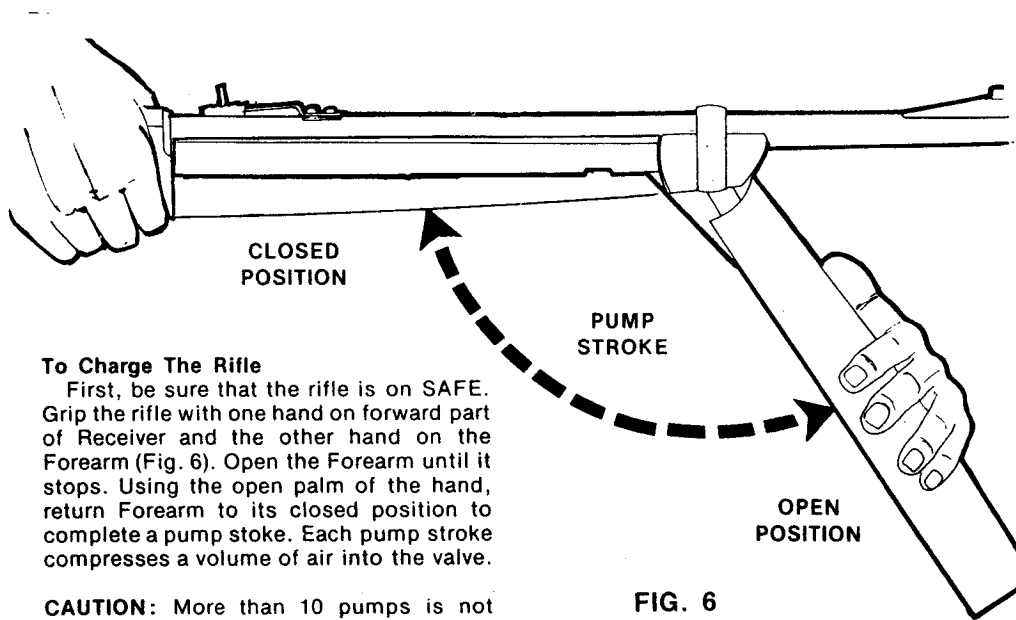
position, the BB's in Reservoir will lock the Grip Cap into place and prevent accidental unloading of rifle.

**CAUTION:** Do not load pellets into Reservoir.



To transfer BB's from Reservoir to Visual Magazine, pull BB Follower Stem rearward and down to locate stem in the Holding Slot (Fig. 4). Gripping rifle at small of the stock, point Muzzle of rifle straight down and twist hand in semi-circular motion (Fig. 5). Fifteen (15) BB's will automatically transfer from Reservoir to the Visual Magazine. Release Follower Stem from Holding Slot.

**NOTE:** Keep finger off trigger during this procedure.

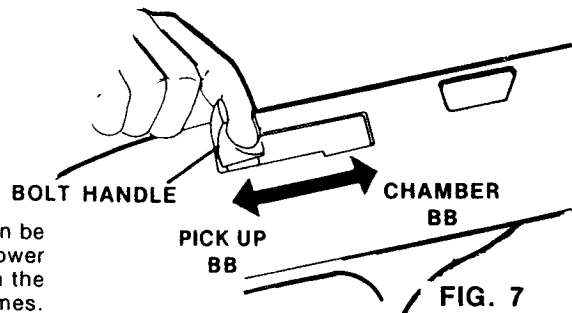


**To Charge The Rifle**

First, be sure that the rifle is on SAFE. Grip the rifle with one hand on forward part of Receiver and the other hand on the Forearm (Fig. 6). Open the Forearm until it stops. Using the open palm of the hand, return Forearm to its closed position to complete a pump stroke. Each pump stroke compresses a volume of air into the valve.

**CAUTION:** More than 10 pumps is not recommended for this rifle. Excessive pumping will only accelerate wear on the pump and valve systems.

**FIG. 6**



For field shooting, enough power can be attained in 6 pumps. Where greater power is required to shoot longer distances in the field, the rifle may be pumped 10 times. This will achieve an approximate velocity of 700 feet per second, which is 85% of the maximum attainable velocity.

For target shooting, 3 pumps is sufficient. For indoor shooting, 2 or 3 pumps is recommended, unless special safety precautions are taken for high power shooting.

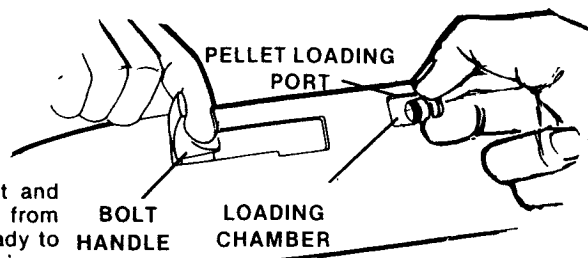
Number of Pumps	3	6	10
Velocity* (feet per second)	450	600	700

\*Approximate average velocity

#### To Shoot The Rifle With BB's

Point the rifle in a safe direction with the Muzzle pointing slightly downward. Pull back the Bolt Handle until it stops. In this operation the rifle is cocked and the Bolt will pick up a BB and position it in line with the Chamber. Push Bolt Handle back to its full forward position to chamber the BB (Fig. 7).

**NOTE:** This is the only recommended way for positioning BB in Firing Chamber.



When you are sure of your target and backstop, push in the Safety Bolt from right side of Receiver and you are ready to shoot. Take aim and squeeze Trigger gently to fire.

FIG. 8

**To Unload BB's From Rifle**

Make sure rifle is on SAFE. Grip rifle at small of the stock, point Muzzle straight up, place BB Follower Stem in Holding Slot, and twist hand in semi-circular motion. BB's will roll from Visual Magazine to Reservoir. If some BB's remain in Visual Magazine, repeat semi-circular motion until all BB's have gone into Reservoir.

**NOTE:** Follower Stem should be moved forward to prevent BB's from leaving Reservoir.

**To Load Rifle With Pellet**

**NOTE:** Before shooting Crosman SUPER PELLETS, empty all BB's from the Visual Magazine.

To load a SUPER PELL, pull Bolt Handle fully to rear. This exposes the Pellet Loading Port on the right side of Receiver (Fig. 8). Hold the rifle in left hand. Muzzle of rifle should be pointed in a safe direction. Tilt the rifle slightly to the left

and pick up a pellet between forefinger and thumb of right hand. Place the pellet on bottom edge of Loading Port opening and allow the pellet to roll in the Loading Chamber. Check visually to see that pellet is in proper position, with the nose of pellet pointing toward the Muzzle. Push Bolt Handle forward in order to chamber the pellet.

**NOTE:** Do not attempt to chamber a pellet that is not in proper position.

Do not attempt to load a deformed or crushed pellet.

#### **To Unload A BB Or Pellet From Barrel**

First take the gun off SAFE. Point the rifle in a safe direction and fire. Put rifle on SAFE. Unload all BB's from Visual Magazine as explained in section To Unload BB's From Rifle. Pull Bolt Handle fully to rear. Insert 5/32" ramrod in Muzzle end of Barrel and carefully push BB or Pellet into Loading Chamber.

**NOTE:** Check visually through the Loading Port to be sure the BB or pellet is not being forced beyond the Loading Chamber as it would damage the BB loading mechanism.



## SIGHTING-IN THE 766

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. For target shooting, many marksmen prefer to sight-in at the bottom of the bull's eye (the 6 o'clock position). (Fig. 9). 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 may be adjusted for Elevation and, if necessary, windage.

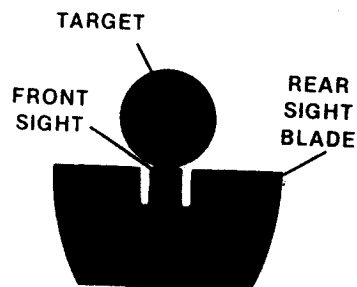


FIG. 9

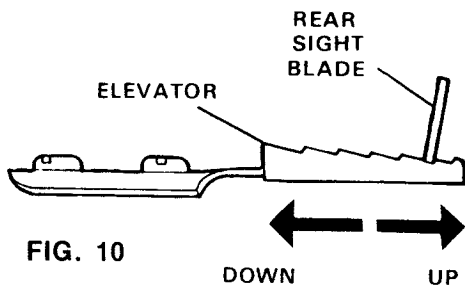


FIG. 10

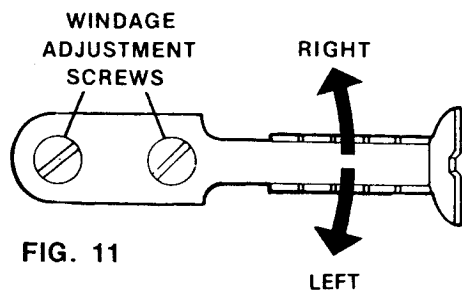


FIG. 11

**Elevation**

If the rifle is required to shoot higher the Rear Sight must be raised; to shoot lower the Rear Sight must be lowered (Fig. 10). To raise the Rear Sight, lift the Sight Blade slightly with the thumb and index finger, and at the same time, move the Elevator backward towards the Stock. To lower the Rear Sight, the Elevator should be moved forward towards the Muzzle. Ensure the Sight Blade seats properly in the Elevator notch.

**Windage**

If it is necessary to adjust the Rear Sight to compensate for windage, release the two Sight Blade Screws just sufficiently to be able to move the sight (Fig. 11). 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 made. Secure the two screws before the rifle is fired. Repeat this procedure as necessary.

## CARE OF THE 766

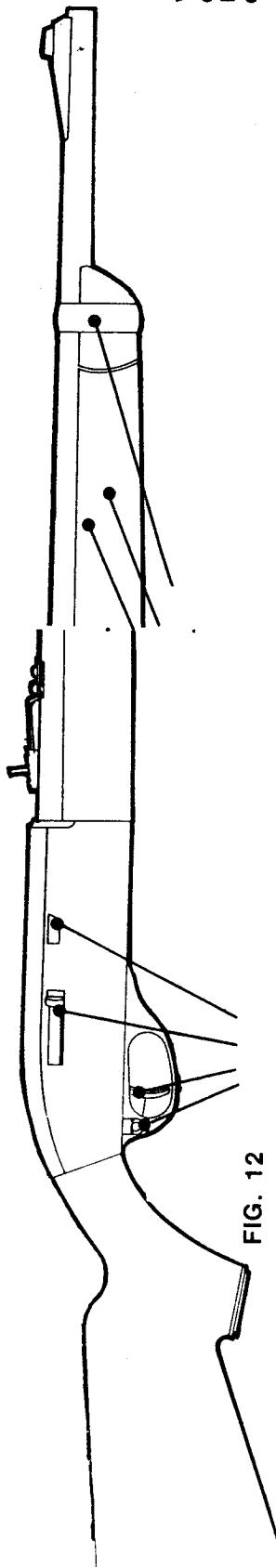


FIG. 12

Treat your 766 with the same fine care that you would give your other valued possessions and it will give you a life time of service, pleasure and enjoyment. Always keep your rifle clean. Insure dirt and grit do not enter the Barrel, Pump or Valve action. Be sure the rifle is on SAFE and unloaded, and that all air pressure is released when not in use. Gently wipe metal parts with a cloth moistened with Crosman PELLGUNOIL® to prevent rust and to preserve the finish.

## • 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, after every 250 shots apply 2 or 3 drops of Crosman PELLGUNOIL® to the Pump cup

and Piston assembly (Fig. 12). do not over oil as damage may be caused to the internal valve components.

It is not necessary to clean the Barrel Bore, but the occasional application of a little PELLGUNOIL® is recommended to prevent the Barrel from rusting.

**WARNING:** The use of any other lubrication oil other than Pellgunoil could result in damage to this gun.

#### **TO TEST GUN SAFETY AND SEALS**

After every 8,000 to 10,000 shots (approximately equivalent to use of five Model 737 boxes of Crosman Super BB's), you should test your gun's Safety. Make sure gun is properly oiled. Pump the rifle ten times. Put your rifle on SAFE. Point gun in a safe direction and squeeze the trigger. If the rifle discharges while on SAFE, it should be sent to a Crosman Authorized Service Station for repair.

After every 8,000 to 10,000 shots (approximately equivalent to five Model 737 boxes of Crosman Super BB's), you should test your gun's seals. Make sure gun is properly oiled. Pump the rifle once. Point it in a safe direction and, when you are sure of target and backstop, take the rifle off SAFE and squeeze the trigger. If the gun does not discharge, the seals in your gun are worn and the gun should be sent to a Crosman Authorized Service Station for repair.

## CAUTION

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

- DON'T** forget to treat every gun as if it is loaded.
- DON'T** alter or adjust any of the factory settings to your rifle.
- DON'T** forget to check Safety Bolt before loading and pumping.
- DON'T** reuse ammunition that has already been fired.
- DON'T** shoot steel darts as the accuracy of your rifle may be impaired or personal injuries can result.
- DON'T** over pump your rifle.
- DON'T** shoot your rifle with less than 2 pumps.
- DON'T** pump the gun while your finger is on Trigger.
- DON'T** point the rifle in an unsafe direction.
- DON'T** shoot at the target until you are sure of your backstop.
- DON'T** over lubricate your rifle.
- DON'T** store your rifle loaded.
- DON'T** use your rifle without due respect for yourself and other people.
- DON'T** load pellets in Reservoir.
- DON'T** conduct yourself in an un-sportsman-like manner when using your rifle.

**IMPORTANT:** Read Warranty and fill out Guarantee Certificate below at time of purchase.

**WARRANTY**

We guarantee this product for one year from date of purchase against defective materials and workmanship (providing the gun has not been abused).

**EXCLUSION**

To the extent all or any part of the following exclusion is prohibited by the law of any state or municipality, including the states of Kansas and California, it shall not be applicable.

This is the only warranty, expressed or implied and there is no warranty of merchantability nor fitness for a particular purpose. Consequential or incidental damages are excluded.

**To qualify for warranty, this certificate must be forwarded to the warranty station. Do not return product to factory without written permission.**

**GUARANTEE CERTIFICATE**

**IMPORTANT:** Keep this certificate. Cut out and take to Crosman Authorized Service Station to qualify for warranty service.

Customer's Name .....

Street .....

Town ..... State .....

Model .....

Dealer's Name .....

Date Purchased .....