

AirMaster 77

.177 Caliber (4.5 mm) Pneumatic Airgun

OWNER'S MANUAL

READ ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL BEFORE USING THIS AIRGUN

Remington is a trademark used from RA Brands, LLC. under license by Crosman Corp.

Crosman Corporation
Routes 5 & 20,
P.O. Box 308
E. Bloomfield, NY 14443
www.crosman.com
1-800-7AIRGUN

AM77A515

WARNING: Not a toy. Adult supervision required. Misuse or careless use may cause serious injury or death. May be dangerous up to 550 yards (503 meters).

YOU AND OTHERS WITH YOU SHOULD ALWAYS WEAR SHOOTING GLASSES TO PROTECT YOUR EYES.

READ ALL INSTRUCTIONS BEFORE USING.

BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS ABOUT THE USE AND OWNERSHIP OF THIS AIRGUN.

THIS AIRGUN IS INTENDED FOR USE BY THOSE 16 YEARS OF AGE OR OLDER.

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

Congratulations and thank you for purchasing the Remington Model AM77. Please read this owner's manual completely. And remember, this airgun is not a toy. Treat it with the same respect you would 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.

If you have any questions regarding your new airgun, please contact Crosman at 1-800-7AIRGUN, 585-657-6161 or www.crosman.com and ask for Customer Service.

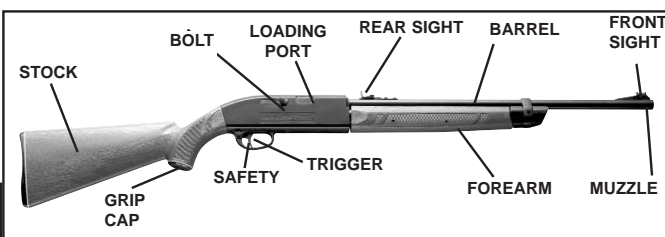
Operating Procedures

- Section 1. Learning the Parts of Your New Airgun
- Section 2. Operating the Safety
- Section 3. Pumping the Airgun
- Section 4. Loading and Unloading BBs
- Section 5. Loading and Unloading Pellets

- Section 6. Aiming and Firing Safely
- Section 7. Removing a Jammed BB or Pellet
- Section 8. Maintaining Your Airgun
- Section 9. Reviewing Safety

1. Learning the Parts of Your New Airgun.

Learning the names of the parts of your new airgun will help you to understand your owner's manual. Use this manual to increase your enjoyment of this airgun.

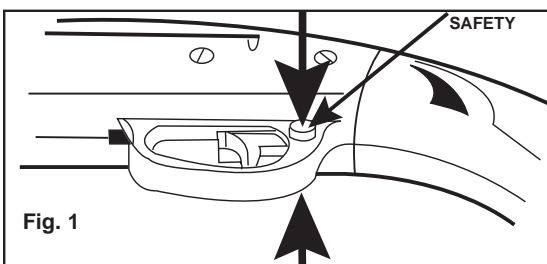


2. Operating the Safety

WARNING: Keep the airgun in the "ON SAFE" position until you are actually ready to shoot. Then push the safety to the "OFF SAFE" position.

2.1 To Put the Airgun "ON SAFE":

- Locate the safety directly in back of the trigger.
- Push the safety from the left side all the way in (Fig. 1). The safety is not "On Safe" unless it is pushed all the way in and the RED ring around the safety is NOT showing. Like all mechanical devices, an airgun safety can fail. Even when the safety is "On Safe", you should continue to handle the airgun safely. NEVER point the airgun at any person. NEVER point the air gun at anything you do not intend to shoot.



2.2 To Take the Airgun "OFF SAFE":

- Push the safety from the right side all the way in. When you can see the RED ring around the left side of the safety, the airgun is "Off Safe" and can be fired.

3. Pumping the Airgun

WARNING: Always hold the forearm firmly when pumping the forearm to prevent possible injury.

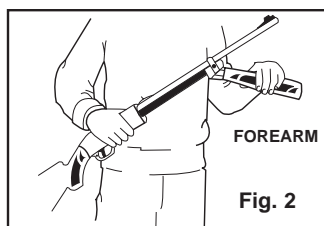
WARNING: Never pump your airgun more than 10 times. Over-pumping can cause major damage to your air rifle. Pumping more than 10 times may also leave a small amount of air in the air rifle after it is fired which may allow you to fire a second shot without additional pumping.

- Put the airgun "On Safe". (See Step 2.1)
 - Open the forearm all the way until it stops (Fig. 2). Be sure to hold the forearm firmly as you open it. It could spring back into the closed position, possibly causing injury. Place your hands in the same positions shown in Fig. 2 in order to avoid being pinched, should you lose hold of the forearm. Do not twist the forearm while pumping. Use straight strokes to prevent breakage.
 - Be sure to use at least three pumps (but no more than 10) to prevent the barrel from jamming with a pellet remaining in the barrel after firing.
 - Return the forearm to the original closed position with a smooth stroke. Be sure to hold the forearm firmly as you close it.
- Note: You must follow the procedure for pumping, loading and firing your airgun each time you shoot.

4. Loading and Unloading/Firing BBs

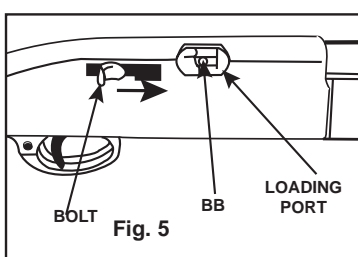
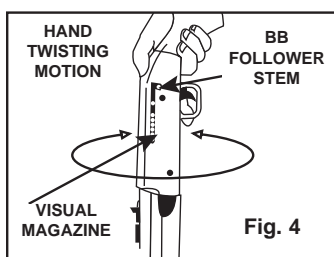
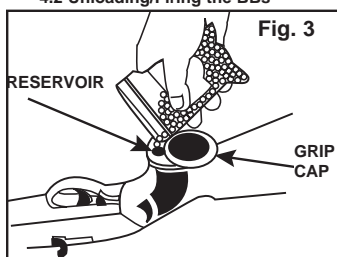
4.1 Loading BBs

WARNING: Use .177 (4.5mm) caliber BBs or pellets only in your AM77. Never reuse pellets. Use of any other ammunition can cause injury to you or damage to the airgun.

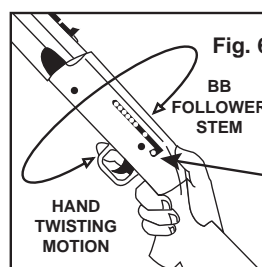


- Put the airgun "On Safe". (See Section 2.1).
- Slide grip cap toward the rear of the airgun. (Fig. 3)
- Pour no more than 200 BBs into the reservoir hole. Never put pellets in the reservoir hole because they will jam the reservoir.
- Close grip cap
- Pull the BB follower stem back and latch in the notch. (Fig. 4)
- Point the barrel straight down.
- With a hand twisting motion, shake and twist the air gun (See Fig. 4) to fill the visual magazine.
- Take BB follower stem out of notch and release it to hold BBs in visual magazine.
- Cock the bolt by pulling it all the way back. The magnetic bolt will pick up a BB.
- Push the bolt all the way forward slowly and you will see the BB move through the port. (Fig.5) The BB is now in a position to be fired out of the barrel.

4.2 Unloading/Firing the BBs



- The most common way to unload BBs is to fire your airgun in a SAFE DIRECTION after following Section 6 on aiming and firing safely.
- With the air gun "On Safe" (See Section 2.1), pump the air gun three times (See Section 3) and cock the bolt by pulling it all the way back and pushing it forward.
- Take the air gun "Off Safe" (See Section 2.2), point the air gun in a SAFE DIRECTION and pull the trigger to fire.
- Put the air gun "On Safe". (See Section 2.1)
- Pull the BB follower stem back and latch in the notch
- Tilt the barrel upward.
- With a hand twisting motion, shake and twist the air gun until ALL of the BBs are out of the visual magazine. (Fig. 6)
- Check to see if there are any BBs in the visual magazine. If there are still BBs in the magazine repeat the unloading procedure until the magazine is empty.
- Take the BB follower stem out of the notch and release it to block BBs from the visual magazine.
- Cock the bolt by pushing in while pulling all the way back.
- Pull the bolt all the way back and then push slowly forward noticing if there is a BB on the magnetic bolt.

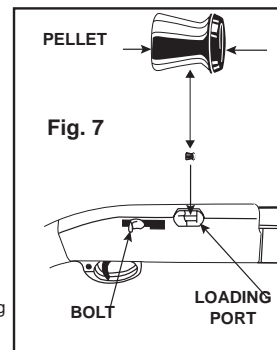


- Pump the air gun (See Section 3).
- Point the air gun in a SAFE DIRECTION, take "Off Safe" (See Section 2.2) and fire. This will unload any BB from the magnetic bolt.
- Repeat this unloading procedure until no BBs are visible on the magnetic bolt.
- Another way of unloading the air gun is to follow the directions listed under Section 7. - Removing a Jammed BB or Pellet.

5. Loading and Unloading Pellets

5.1 Loading a pellet (use .177 caliber pellets only)

- Unload all of the BBs from the air gun (See Section 4.2). DO NOT load a pellet when BBs are loaded in the air gun. It may cause a jam.
- Put the air gun "On Safe". (See Section 2.1)
- Point the air gun in a SAFE DIRECTION.
- Pull the bolt all the way back.
- Place one pellet (nose first), in the loading port. (Fig. 7)
- Push the bolt all the way forward. The pellet is now in a position to fire out of the barrel.



5.2 Unloading Pellets

- The most common way to unload pellets is to fire your airgun in a SAFE DIRECTION after following Section 6 on aiming and firing safely.
- With the air gun "On Safe" (See Section 2.1), pump the air gun three times (See Section 3) and cock the bolt by pulling it all the way back and pushing it forward.
- Take the air gun "Off Safe" (See Section 2.1), point the air gun in a SAFE DIRECTION and pull the trigger to fire.
- Put the air gun "On Safe". (See Section 2.1)
- Another way of unloading the air gun is to follow the directions listed under Section 7. - Removing a Jammed BB or Pellet.

6. Aiming and Firing Safely

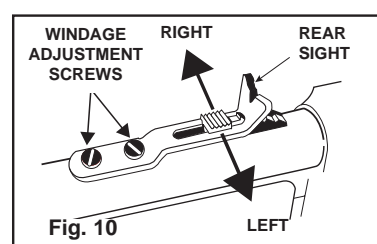
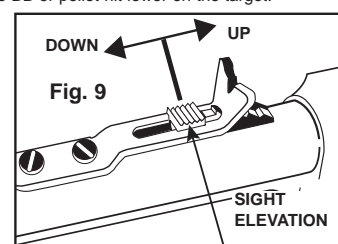
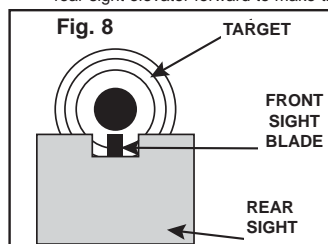
6.1 Aiming the Airgun

- Always point your airgun in a SAFE DIRECTION.
- Follow the instructions for pumping (Section 3) and loading BB (Section 4.1) or pellets (Section 5.1)
- You and others with you should always wear shooting glasses to protect your eyes.
- Do not shoot at hard surfaces or at the surface of water. The BB or pellet may bounce off or ricochet and hit someone or something you had not intended to hit.
- Always choose your target carefully. For example, you may wish to shoot at paper bulls-eye targets that are attached to a safe backstop such as the Crosman 850 Target Trap. A heavy blanket should be hung behind the target trap to prevent ricochet should you miss the backstop.
- Your airgun is designed for target shooting and is suited for both indoor and outdoor use. Always remember to place your target carefully. THINK about what you will hit if you miss the target.
- The airgun is correctly aimed when the front sight blade is positioned exactly in the center of the notch of the rear sight. The top of the front sight blade should be even with the top of the notch in the rear sight. The bulls-eye should appear to rest on the top of the front sight. (Fig. 8)
- When you are sure of your target and backstop, and the area around the target is clear, take the airgun "Off Safe" (see Section 2.2) and pull the trigger to fire.

NOTE: You must follow the procedure for pumping, loading and firing your airgun each time you shoot. (see Sections 3-5)

6.2 Sight Adjustment

The rear sight may be adjusted to shoot higher or lower (elevation). When moving the elevator, slightly lift the rear sight and reset it on the desired notch in the elevator. (Fig. 9) Move the rear sight elevator back to make the BB or pellet hit higher on the target. Move the rear sight elevator forward to make the BB or pellet hit lower on the target.

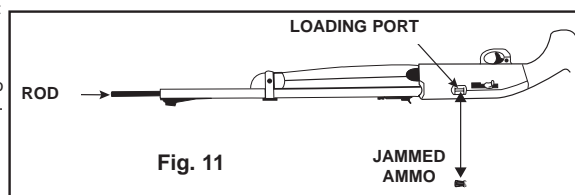


make the BB or pellet hit lower on the target. The rear sight may also be adjusted to shoot right or left (windage).

Loosen the windage adjustment screws by turning them counterclockwise. Move the sight to the right to make the BB or pellet hit to the right on the target. Move the sight to the left to make the BB or pellet hit to the left of the target. Then tighten the windage adjustment screws by turning them clockwise. (Fig. 10)

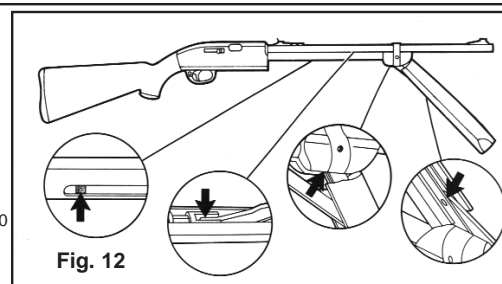
7. Removing a Jammed BB or Pellet

- Do not reload the air gun.
- Point the airgun in a safe direction.
- Put the airgun "On Safe".
- Unload the BBs from the visual magazine (See Section 4.2).
- With the airgun "On Safe", open the bolt by pulling it all the way back, insert a .177 caliber ramrod into the barrel and carefully push the jammed pellet or BB into the loading port. Do not try to reuse that pellet or BB. (Fig. 11)
- If you are not able to unjam your air gun by following the unloading procedure, take no further action. An Authorized Service Station will unjam your air gun (no cost during the warranty period).



8. Maintaining Your Airgun

- Before you attempt to oil your airgun, make sure the gun is unloaded and air has been removed (see section 4.2).
- Your airgun will maintain proper function longer if you oil it every 250 shots. Put 1 drop of Crosman 0241 Pellgunoil® on the pump pivot pins and the pump cup in the pump mechanism. (Fig. 12) DO NOT use petroleum distillate based oil or solvent and DO NOT over-oil as this can cause damage to your gun.
- A light coat of Pellgunoil on the barrel helps prevent rust.
- DO NOT MODIFY OR ALTER YOUR AIRGUN. Attempts to modify the airgun in any way inconsistent with this manual may make your airgun unsafe to use, cause serious injury or death, and will void the warranty.
- If you drop your airgun, visually check to see that it works properly before you use it again. If anything seems changed, like a shorter or weaker trigger pull, this may mean worn out or broken parts. Call Crosman customer service for assistance before using your airgun again.



9. Reviewing Safety

- Never point the airgun at any person or at anything you do not intend to shoot.
- Always treat the airgun as though it is loaded and with the same respect you would a firearm.
- Always aim in a SAFE DIRECTION. Always keep the muzzle of the airgun pointed in a SAFE DIRECTION.
- Always keep the airgun on safe until you are ready to shoot.
- Always check to see if the airgun is "On Safe" and unloaded when getting it from another person or from storage.
- Always keep your finger off the trigger and out of the trigger guard until ready to shoot.
- You and others with you should always wear shooting glasses to protect your eyes.
- If your reading or prescription glasses are not safety glasses, make sure you wear shooting glasses over your regular glasses.
- Use the proper size BB or pellet for your airgun. .177 caliber (4.5 mm) pellet or BB will work in your model AM77.
- Never reuse ammunition.
- Do not shoot at hard surfaces or at the surface of water. The BB or pellet may bounce off or ricochet and hit someone or something you had not intended to hit.
- Place the backstop in a location that will be safe should the backstop fail.
- Your backstop should be checked for wear before and after each use. All backstops are subject to wear and will eventually fail. Replace your backstop if the surface is worn or damaged or if a ricochet occurs.
- Do not attempt to disassemble or tamper with your airgun. Use an Authorized Service Station. Using unauthorized repair centers or modifying the function of your airgun in any way may be unsafe and will void your warranty.
- Always keep your CrosBlock® trigger block in place when storing this airgun. Store airgun in a secure location. (See CrosBlock instructions packaged with this airgun for assistance)
- Before you store your airgun, make sure that it is unloaded, not charged, and that the airgun is "On Safe."

Mechanism/Action	Bolt-Action
Caliber/Ammunition	BB cal. (4.5 mm) Steel Airgun shot .177 cal. (4.5 mm) Lead Airgun Pellet
Reservoir	200 BBs
Magazine	17 BBs
Weight	4 lbs. 13 oz. (2.18 kg)
Length	39 3/4 inches (101cm)

Sights	Front: Fiber Optic Rear: Fully Adjustable
Power Source:	Pneumatic pump action
Safety:	Cross bolt
Velocity:	Up to 755 fps (230 mps)
Barrel:	Rifled Steel

PERFORMANCE: Many factors can affect velocity, including brand of projectile, type of projectile, lubrication, barrel condition and temperature. We recommend the use of Remington® BBs or Remington®, Copperhead®, Crosman® or Benjamin® .177 pellets with this gun. This airgun ammunition is designed for use in your airgun.

REPAIR SERVICE

If your airgun needs repair, we recommend you take or send it to your nearest Crosman Authorized Service Station. DO NOT ATTEMPT TO DISASSEMBLE IT! Your airgun requires special tools and fixtures to repair it. Any disassembly or modification not performed by an Authorized Service Station will void the warranty.

A SPECIAL CUSTOMER SERVICE

Crosman Authorized Service Stations will unjam your airgun at no cost during the warranty period.

LIMITED ONE YEAR WARRANTY

This product is warranted to the retail consumer for one year from date of retail purchase against defects in material and workmanship and is transferable. To register the serial number of your gun, please return the airgun registration form. The warranty is not conditioned on the return of the card. You should retain the original sales receipt as record of date of purchase.

WHAT IS COVERED

Replacement parts and labor. Transportation charges to consumer for repaired product.

WHAT IS NOT COVERED

Transportation charges to Authorized Service Station for product. Damages caused by abuse, modification or failure to perform normal maintenance - see Owner's Manual. Any other expense. CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, OR INCIDENTAL EXPENSES INCLUDING DAMAGE TO PROPERTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

HOW TO OBTAIN WARRANTY PERFORMANCE

U.S. Customers: Locate nearest service station (see www.Crosman.com or call Crosman customer service at 800-724-7486 for list of stations). The service station will give you details of how to proceed with sending the item in for repair. You must contact the station prior to shipping your product.

Canadian Customers: Contact Crosman Parts & Service- 611 Neal Drive Peterborough, ON K9J 6X7. 705-749-0206.

International Customers: Please return product to your nearest distributor. If you do not know your distributor, please call 585-657-6161 and ask for our International Department for assistance.

IMPLIED WARRANTIES

ANY IMPLIED WARRANTIES INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION TO ONE YEAR FROM DATE OF RETAIL PURCHASE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU. To the extent any provision of this warranty is prohibited by federal, state or municipal law, which cannot be preempted, it shall not be applicable. This warranty gives you specific legal rights and you may also have other rights, which vary, from state to state.

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