

UNIVERSAL OWNER'S MANUAL - BREAK BARREL AIR RIFLE

.177, .22 and .25 caliber pellets

READ ALL INSTRUCTIONS AND WARNINGS BEFORE USING

Crosman Corporation
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United States of America
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1-800-7AIRGUN (724-7486)

E-BB-515

If you have questions, contact Crosman at 1-800-724-7486, 585-657-6161 or www.crosman.com.
REMEMBER, THIS AIR RIFLE IS NOT A TOY. ALWAYS TREAT THE AIR RIFLE AS THOUGH IT IS LOADED AND WITH THE SAME RESPECT YOU WOULD A FIREARM.

WARNING: NOT A TOY. THIS AIR RIFLE IS RECOMMENDED FOR ADULT USE ONLY. MISUSE OR CARELESS USE MAY RESULT IN SERIOUS INJURY OR DEATH. DANGEROUS WITHIN 750 YARDS (686 METERS).

DEPENDING ON YOUR MODEL, YOUR AIR RIFLE WILL SHOOT .177, .22 OR .25 CALIBER PELLETS.

REFER TO THE MARKING ON YOUR AIR RIFLE FOR THE CORRECT CALIBER PELLET SIZE FOR YOUR PARTICULAR AIR RIFLE MODEL.

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

BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS REGARDING THE USE AND OWNERSHIP OF THIS AIR RIFLE.

WARNING: DO NOT BRANDISH OR DISPLAY THIS AIR RIFLE IN PUBLIC – IT MAY CONFUSE PEOPLE AND MAY BE A CRIME. POLICE AND OTHERS MAY THINK IT IS A FIREARM. DO NOT CHANGE THE COLORATION AND MARKINGS TO MAKE IT LOOK MORE LIKE A FIREARM. THAT IS DANGEROUS AND MAY BE A CRIME.

PROPOSITION 65 WARNING: THIS PRODUCT CONTAINS ONE OR MORE CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS (OR OTHER REPRODUCTIVE HARM).

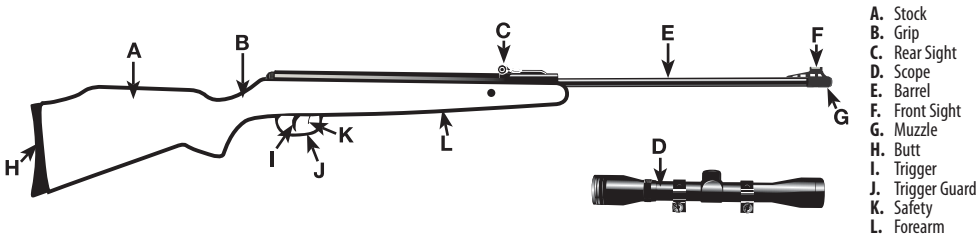
CAUTION: This air rifle has been classified as an adult air rifle. Adult air rifles are exempt from performance requirements for trigger mechanisms, safety mechanisms and drop tests.
NOTICE: There may be up to a 250 shot break-in period with break barrel air rifles. During this period accuracy may be inconsistent and your gun may seem loud. This will improve as the gun breaks in.

1. IMPORTANT SAFETY INFORMATION

- ALWAYS treat the air rifle as though it is loaded and ready to fire.
- ALWAYS treat air rifles with the same respect you would a firearm.
- ALWAYS store the air rifle unloaded and away from children.
- ALWAYS aim in a SAFE DIRECTION.
- ALWAYS keep the muzzle of the air rifle pointed in a SAFE DIRECTION.
- ALWAYS keep your finger off the trigger and out of the trigger guard until ready to shoot.
- ALWAYS keep the air rifle "ON SAFE" until you are ready to shoot (Fig. 3A).
- ALWAYS check to see if the air rifle is "ON SAFE" (Fig. 3A) and unloaded when removing it from storage.
- ALWAYS check to see if the air rifle is "ON SAFE" (Fig. 3A) and unloaded when handing it to, or receiving it from another person.
- ALWAYS have you and others wear shooting glasses to protect your eyes.
- ALWAYS wear shooting glasses over eye glasses or prescription glasses
- ALWAYS place a shooting backstop in a location that will be safe should the backstop fail.
- ALWAYS check your backstop 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.
- ALWAYS use the proper size pellet in your air rifle. Check the markings on your air rifle to verify the pellet size.
- NEVER point the air rifle at any person or at anything you do not intend to shoot.
- NEVER reuse ammunition.
- NEVER shoot at hard surfaces or at the surface of water. The pellet may bounce off or ricochet and hit someone or something you had not intended to hit.
- NEVER attempt to disassemble or tamper with your air rifle. Use an Authorized Service Station. Using an unauthorized service or repair center, or modifying the function of your air rifle in any way, may be unsafe and will void your warranty.

2. LEARN THE PARTS

Learning the names of the parts will help you understand your owner's manual.



PINCH POINTS



WARNING: KEEP FINGERS CLEAR OF THE PINCH POINTS SHOWN IN FIG. 2.

3. OPERATING THE SAFETY

CAUTION: Like all mechanical devices, an airgun safety can fail. Even when the safety is "ON SAFE", you should continue to handle the air rifle in a safe manner.

1. Locate the safety in front of the trigger.
2. The letters "F" (fire) and "S" (safe) are found on the bottom of the trigger guard, and indicate the position of the safety.
3. Pull the safety towards the trigger to put the safety on. The safety is on, and the air rifle is "ON SAFE" when the safety lever is in the rear position "S", (near trigger), (Fig. 3A).
4. The air rifle is "OFF SAFE" or "FIRE" and able to be fired when the safety lever is in the forward position "F", (away from trigger), (Fig. 3B).
5. Do not take "OFF SAFE" until you have read and followed the instructions in this manual on how to load.



4. COCKING AND LOADING

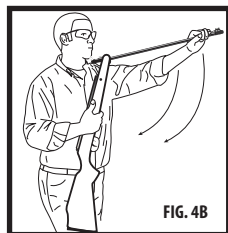
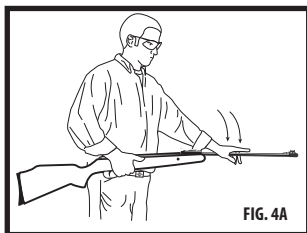
A. Cocking

WARNING:

- NEVER PLACE YOUR HAND OR FINGERS OVER THE END OF THE MUZZLE.
- NEVER POINT THE MUZZLE TOWARD YOU OR ANY OTHER PERSON.
- DO NOT TOUCH THE TRIGGER OR PUSH THE SAFETY TO THE "OFF SAFE" POSITION.
- DO NOT COCK YOUR AIR RIFLE UNTIL YOU ARE READY TO LOAD AND FIRE, SINCE THE ONLY WAY TO UN-COCK YOUR AIR RIFLE IS TO FIRE IT.

CAUTION:

- Never allow the barrel to spring back before the action is engaged.
- Do not pull the trigger until the barrel is returned to the firing position.
- Do not fire your gun without a pellet in the chamber.
- Dry firing may cause damage to your air rifle.

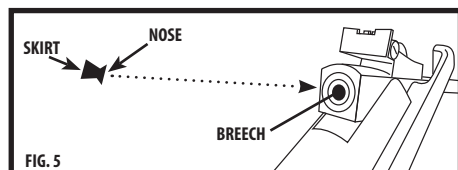


1. Put the air rifle "ON SAFE" (Fig. 3A).
2. Point the air rifle in a SAFE DIRECTION.
3. Hold the gun close to your body by placing the stock of the gun on your upper thigh.
4. With the palm of your hand, sharply tap the muzzle end of the barrel (Fig. 4A) to expose the breech.
5. With the gun resting on your upper thigh, grasp the muzzle end of the barrel.
6. Quickly and firmly, pull the muzzle end of the barrel down as far it will go to engage the action (Fig. 4B).
7. Be careful not to pinch your hand or fingers in the hinge area of the air rifle (Fig. 2).

B. Loading

CAUTION:

- ALWAYS use the proper size pellet in your air rifle. Refer to the markings on your air rifle to verify the correct pellet size.
- Never reuse ammunition.
- The air rifle was designed to work with Crosman® or Benjamin® branded ammunition. Use of any other ammunition may cause injury to you or damage to the air rifle.



1. With the air rifle in the cocked/open position, place one pellet, nose forward, into the breech (Fig. 5).
 - a. Make sure that the skirt of the pellet is flush with the face of the breech.
2. Move the barrel back to its original position by pushing it up until it locks (Fig. 6).
 - a. Be sure the barrel is locked in the closed position after loading/cocking to ensure better accuracy.
3. The air rifle is now loaded and ready to fire. Keep the air rifle "ON SAFE" and pointed in a SAFE DIRECTION until you are ready to shoot.

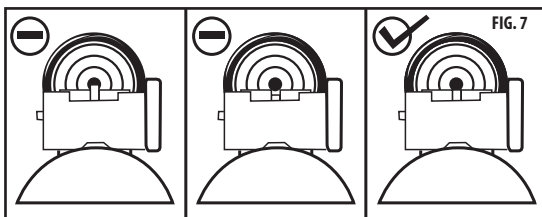
5. SIGHTS AND SCOPES

A. Sight Adjustment (not available on all models)

- Elevation is set by means of the rear sight-elevating dial situated on the rear sight base. Turn the dial counterclockwise to make the pellet hit higher on the target and turn the dial clockwise to make the pellet hit lower on the target. (Fig. 7)
- Windage is set by turning the windage dial located on the right side of the sight. Turn the dial counterclockwise to make the pellet hit to the left on the target and turn the dial clockwise to make the pellet hit to the right on the target. (Fig. 7)

B. Scope Mounting

- Check the owner's manual included with your scope for directions to properly mount and operate the scope.



6. TRIGGER DEVICE

This air rifle is equipped with a two stage adjustable trigger. The pull-off point and the trigger travel are factory adjusted. (Fig. 8)

NOTE: This feature is added for advanced shooters. Most shooters can use the factory settings and should not need to make any modifications. If you are not experienced in adjusting two stage triggers, leave the trigger as set at the factory, or seek the help of an authorized service station.

WARNING:

- INCORRECT ADJUSTMENTS CAN MAKE THE GUN UNSAFE TO USE.
- REPLACING OR MODIFYING EXISTING PARTS OF THIS AIR RIFLE MAY RENDER THE GUN UNSAFE TO USE.
- FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR DEATH.

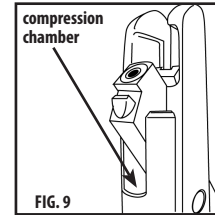
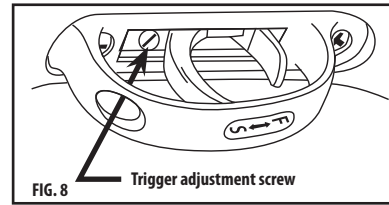
REMEMBER:

- Small adjustments make a noticeable change to the operation of the trigger.
- Changes should be made in small steps.
- Adjustments should be made in ¼ or 90° turn increments.
- Test fire the air rifle before making further adjustments.
- Write down and save the adjustments you make in case you need to retrace your steps.
 1. Before making adjustments to the screw, make sure the air rifle is "ON SAFE", pointed in a SAFE DIRECTION, unloaded and not cocked.
 2. To decrease the second stage length, rotate the adjusting screw clockwise.
 3. To increase the second stage length, rotate the adjusting screw counterclockwise.

7. MAINTENANCE

A. General Maintenance

1. Periodically tighten all stock fasteners.
2. Check and tighten scope mounts.
3. Periodically check your air rifle. If anything seems changed, like a shorter or weaker trigger pull, this may mean worn out or broken parts.
 - a. Call customer service for assistance before using your air rifle again.
4. Your air rifle will maintain proper function longer if you oil it every 250 shots.
 - a. Apply one drop of Crosman RMOIL (available at crosman.com) into the compression chamber (Fig. 9).
5. DO NOT use petroleum distillate based oil or solvent and DO NOT over-oil as this can cause damage to your gun.
6. If you drop the airgun, visually inspect for damage before using again.
7. If anything seems changed, like a shorter or weaker trigger pull, this may mean broken parts. Call Crosman Customer Service for assistance before using your air rifle again.



WARNING:

- DO NOT ATTEMPT TO DISASSEMBLE YOUR AIR RIFLE.
- DO NOT MODIFY OR ALTER YOUR AIR RIFLE. ATTEMPTS TO MODIFY THE AIR RIFLE IN ANY WAY INCONSISTENT WITH THIS MANUAL MAY MAKE YOUR AIR RIFLE UNSAFE TO USE, CAUSE SERIOUS INJURY OR DEATH, AND WILL VOID THE WARRANTY.
- USE CROSMAN RMOIL ONLY AND DO NOT OVER-OIL. TO DO SO CAN CAUSE POSSIBLE DAMAGE TO THE GUN AND INJURY TO THE SHOOTER AND BYSTANDERS.

B. Break In Period

1. During the first 250 shots with a break barrel, accuracy may be inconsistent and the gun may seem loud.
2. This will improve as the gun breaks in after 250 shots.

8. MANUALLY UNLOADING/CLEARING A JAMMED PELLET

WARNING: IF A PELLET DOES NOT FIRE AFTER PULLING THE TRIGGER AND FIRING, THEN IT MAY BE JAMMED. AN UNFIRED PROJECTILE IN THE BARREL CAN BE DANGEROUS. KEEP THE AIR RIFLE POINTED IN A SAFE DIRECTION.

WARNING:

- DO NOT RELOAD THE AIR RIFLE IF A PELLET IS JAMMED.
- DO NOT COCK THE AIR RIFLE DURING THE REMOVAL OF A JAMMED PELLET.
- NEVER LOOK DOWN THE MUZZLE END OF THE BARREL TO SEE IF A JAM HAS BEEN CLEARED.

1. Take the air rifle "OFF SAFE" and pointed in a safe direction until you are ready to shoot.
2. Fire the air rifle at a safe target.
3. If the pellet still does not fire, put your air rifle "ON SAFE" (Fig. 3A) and follow these steps.
 - a. Point the air rifle in a SAFE DIRECTION.
 - b. Hold the gun close to your body by placing the stock of the gun on your upper thigh.
 - c. With the palm of your hand, sharply tap the muzzle end of the barrel (Fig. 5A) to expose the breech.
 - d. Look down through the breech to confirm a pellet is jammed.
 - e. Insert the tapered end of the cleaning rod (not included) into the barrel.
 - f. CAREFULLY and slowly, apply more pressure until you push the pellet out of the muzzle z.
 - g. DO NOT reuse that pellet.

NOTE:

- DO NOT fire your air rifle without a pellet in the chamber (dry fire). This may permanently damage your air rifle.
- If you are not able to unjam your air rifle by following the "clearing a jammed pellet" procedure, take no further action. An Authorized Service Station will unjam your air rifle (no cost during the warranty period).

PERFORMANCE

Many factors affect velocity, including brand of projectile, type of projectile, lubrication, barrel condition and temperature. This airgun was designed to function best with CROSMAN® and BENJAMIN® branded ammunition. Use of other ammunition may cause the gun to malfunction.

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. You should retain the original sales receipt as record of date of purchase. If no receipt, the product is warranted for one year from date of manufacture.

WHAT IS COVERED:

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

WHAT IS NOT COVERED:

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

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 have other rights, which vary, from state to state.

STOP – BEFORE YOU RETURN THIS PRODUCT TO THE STORE

Save on gas and avoid the trip back to the store. Contact our Customer Service/Technical Support representatives for information and trouble-shooting help. Call 1-800-7AIRGUN (1-800-724-7486) or find answers to frequently asked questions at www.crosman.com.

WARRANTY CLAIM AND REPAIR SERVICE

If your air gun needs repair – DO NOT ATTEMPT TO DISASSEMBLE IT! Your air gun requires special tools and fixtures to repair it. Any disassembly or modification not performed by a Crosman Authorized Service Center will void the warranty.

U.S. Customers - Contact Crosman Customer Service at 800-724-7486 or email us via www.crosman.com. You will be instructed where and how to send your air gun in for repair under warranty or referred to one of our authorized service centers in your area.

Crosman Corporation
Attn: Warranty Dept.
7629 Route 5 & 20
Bloomfield, NY 14469

Include with your product a copy of your receipt and a brief description of the problem. Be sure to indicate your name, mailing address, email address and telephone number. Allow 2-4 weeks for repairs. We recommend you use a method of shipping that provides you with a tracking number and insurance options. Crosman is not liable for any damaged, lost or stolen merchandise during shipping.

Canadian Customers - Contact the Gravel Agency, in Quebec at 866-662-4869.

Outside U.S. Customers - Please contact your point of purchase dealer/distributor. If you do not know your dealer/distributor, contact our International Dept. for assistance at 585-657-6161 or email us via www.crosman.com.

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