

DPMS SBR MANUAL

READ ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL BEFORE USING



DSBR-515

REMEMBER, THIS IS AIRGUN IS NOT A TOY. ALWAYS TREAT THE AIRGUN AS THOUGH IT IS LOADED AND WITH THE SAME RESPECT YOU WOULD A FIREARM.

A SPECIAL MESSAGE TO PARENTS: Personal injury or death can result from improper handling if a pellet or BB strikes someone in a vulnerable spot. This airgun is not a toy. Therefore, if you purchased this airgun for use by a younger shooter, please make certain he or she operates it under the supervision of an adult. Therefore, if you purchased this airgun for use by a younger shooter, please make certain he or she operates it under the supervision of an adult.

WARNING: NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. DANGEROUS WITHIN 350 YARDS (320 METERS).

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

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 AIRGUN.

WARNING: DO NOT BRANDISH OR DISPLAY THIS AIRGUN 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.

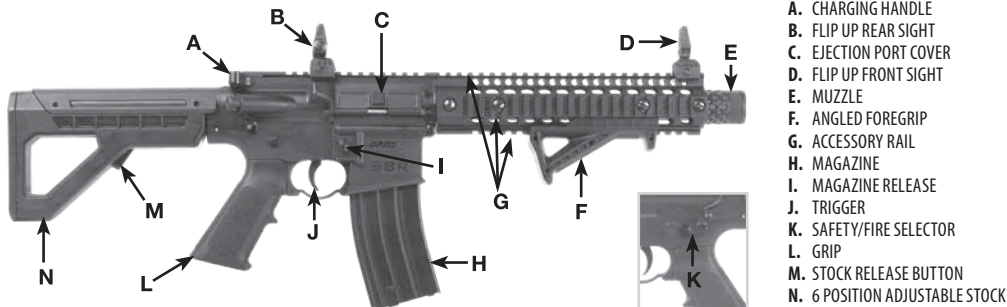
WARNING: THIS PRODUCT CONTAINS ONE OR MORE CHEMICALS INCLUDING LEAD, WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

1. IMPORTANT SAFETY INFORMATION

- ALWAYS treat the airgun as though it is loaded and ready to fire.
- ALWAYS treat airguns with the same respect you would a firearm.
- ALWAYS store the airgun unloaded and away from children.
- ALWAYS aim in a SAFE DIRECTION.
- ALWAYS keep the muzzle of the airgun 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 airgun "ON SAFE" until you are ready to shoot.
- ALWAYS check to see if the airgun is "ON SAFE" and unloaded when removing it from storage.
- ALWAYS check to see if the airgun is "ON SAFE" 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 reading 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 ammo in your airgun. Check the markings on your airgun to verify the ammo size.
- NEVER point the airgun 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 ammo may bounce off or ricochet and hit someone or something you had not intended to hit.
- NEVER attempt to disassemble or tamper with your airgun. Use an Authorized Service Station. Using an unauthorized service or repair center, or modifying the function of your airgun in any way, may be unsafe and will void your warranty.

2. LEARNING THE PARTS OF YOUR AIRGUN

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

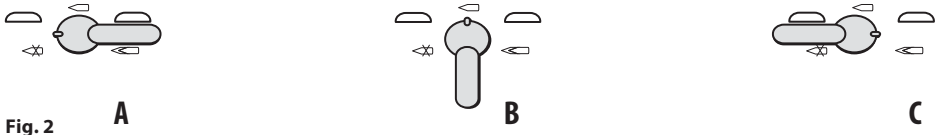


- A. CHARGING HANDLE
- B. FLIP UP REAR SIGHT
- C. EJECTION PORT COVER
- D. FLIP UP FRONT SIGHT
- E. MUZZLE
- F. ANGLED FOREGRIP
- G. ACCESSORY RAIL
- H. MAGAZINE
- I. MAGAZINE RELEASE
- J. TRIGGER
- K. SAFETY/FIRE SELECTOR
- L. GRIP
- M. STOCK RELEASE BUTTON
- N. 6 POSITION ADJUSTABLE STOCK

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 airgun in a safe manner.

- Locate the safety/fire selector switch on the left side above the pistol grip (Fig. 2).
- The condition of the safety is indicated by the symbols and position of the safety/fire selector switch.



A. To Put the Airgun "ON SAFE"

- Rotate the safety/fire selector counter clockwise.
- The safety/fire selector switch is in the SAFE position and the airgun is "ON SAFE" when the safety/fire selector switch is pointing towards the "NO FIRE" symbol (9 o'clock position) (Fig. 2A).

B. To Put the Airgun "OFF SAFE"

- Rotate the safety/fire selector switch so it is pointed to either the Semi or Full-Auto position.
 - For Semi-Auto, rotate the safety/fire selector so it is vertically pointing upwards (12 o'clock position) to the "SINGLE ROUND" Semi-Auto symbol (Fig. 2B).
 - For Full-Auto, rotate the safety/fire selector so the selector switch is pointing to the "MULTI-ROUND" Full-Auto symbol (3 o'clock position) (Fig. 2C).
- The safety/fire selector switch is in the FIRE position and "OFF SAFE" when the selector switch is pointing towards either the Semi-Auto or Full-Auto modes.

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.

4. INSTALLING AND REMOVING THE CO₂ CARTRIDGES

WARNING:

- CO₂ CARTRIDGE 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 CARTRIDGES AT TEMPERATURES ABOVE 120°F (48.9°C).
- ALWAYS MAKE SURE THE CO₂ CARTRIDGE IS EMPTY BEFORE ATTEMPTING TO REMOVE IT FROM THE AIRGUN BY SLOWLY TURNING THE WING COUNTER-CLOCKWISE ALL THE WAY UNTIL YOU NO LONGER HEAR THE ESCAPE OF CO₂ GAS.
- KEEP HANDS AND FACE AWAY FROM ESCAPING CO₂ GAS. IT CAN CAUSE FROSTBITE IF ALLOWED TO COME IN CONTACT WITH SKIN.

CAUTION:

- We recommend the use of Crosman Powerlet™ CO₂ cartridges. They are made to fit your airgun. Other brands of CO₂ cartridges may not fit properly and may result in injury to you or damage to your airgun.
- Do not store your airgun with a CO₂ cartridge in it. Doing so can cause damage to the airgun seal.

A. Installing a New CO₂ Cartridge

- Make sure the airgun is "ON SAFE" and pointed in a SAFE DIRECTION.
- With your hand under the magazine, push the magazine release button to remove the magazine.
- Located the word "OPEN" on the bottom of the magazine and, using your finger nail, pry open the cover towards the direction indicated (Fig. 3A).
- Remove the allen's wrench. Use the allen's wrench to loosen up the CO₂ piercing screw and allow for clearance of the CO₂ cartridges (Fig. 3B).
- Put 1 drop of Crosman 0241 Pellgunoil® on the tip of every CO₂ cartridge in order to properly maintain the airgun seal.
- Insert a two (2) new CO₂ cartridges into the airgun, small neck first, pointing toward the piercing assembly (Fig. 4).
- Identify the piercing screw on the left side labeled "FIRST." Using the allen's wrench, turn piercing screw labeled "FIRST" clockwise until it pierces the CO₂ cartridge. Then turn the second piercing screw clockwise until it pierces the CO₂ cartridge. If you hear a hissing sound when piercing the cartridge, try tightening the screw slightly more. Be careful not to over-tighten when piercing. Over-tightening the CO₂ cartridge can cause injury to you or damage to your airgun.
- Replace cover for the magazine and insert magazine into the airgun.
- To make sure the cartridge has been pierced, point the gun in a SAFE DIRECTION, take "OFF SAFE" and pull the trigger. If the airgun does not make a popping noise after pulling the trigger, the CO₂ is not being discharged. In that event, tighten the piercing screw a little more. Point the airgun in a SAFE DIRECTION, and pull the trigger until there is a popping noise, which means the airgun is releasing CO₂ with each pull of the trigger.

B. Removing the CO₂ Cartridge

- Make sure the airgun is "ON SAFE" and pointed in a SAFE DIRECTION.
- With your hand under the magazine, push the magazine release button to remove the magazine.
- Located the word "OPEN" on the bottom of the magazine and, using your finger nail, pry open the cover towards the direction indicated.
- Remove the allen's wrench. Slowly turn the piercing screw counter-clockwise to release any remaining CO₂, being careful not to come in contact with the escaping gas.
- Tip out the empty cartridges. It may be cold to the touch.
- Replace cover for the magazine and insert magazine into the airgun.

REMEMBER: Keep hands and face away from escaping CO₂ gas. It can cause frostbite if allowed to come in contact with skin.

5. LOADING AND UNLOADING BBS

CAUTION: This airgun was designed to function best with CROSMAN® and COPPERHEAD® BBs.

- Use of other ammunition may cause the gun to malfunction and could cause damage to the airgun.
- Never reuse ammunition.
- Review the entire manual, including the section on Safety, before firing your airgun.

A. Loading Steel BBs

- Make sure the airgun is "ON SAFE" and pointed in a SAFE DIRECTION.
- With your hand under the magazine, push the magazine release button to remove the magazine.
- Pull down the BB Follower tab (Fig. 5A) and lock in place (Fig. 5B).
- Insert up to 25 steel BBs into the BB loading hole (Fig. 5C).
- Place a finger over the end of the magazine to prevent the BBs from exiting.
- With the magazine pointed in a safe direction, slowly release the BB Follower tab by moving the tab out of the notch.
- Insert the loaded magazine into the airgun.
- Pull the charging handle all the way to the rear and return forward (Fig. 6).
- After following these steps and reading the entire manual, including the section on reviewing safety procedures, your airgun is now loaded and ready to fire.

NOTE: Releasing the BB Follower tab quickly, or without the end covered, could allow BBs to exit the magazine.

B. Unloading Steel BBs

NOTE: The airgun must be charged with CO₂ when following these steps, but remember to remove the CO₂ prior to storing the airgun to avoid damage to the airgun seal.

- Make sure the airgun is "ON SAFE" and pointed in a SAFE DIRECTION.
- With your hand under the magazine, push the Magazine Release Button to remove the magazine.
- Pull down the BB Follower tab and lock.
- Tip the magazine until all the BBs fall out of the loading hole.
- If a BB is still visible in the top of the magazine, push the BB out of the magazine using the follower tab.
- Aim the airgun in a SAFE DIRECTION; insert the magazine into gun, take it "OFF SAFE" and fire.
- Repeat this procedure several times until you are sure you are no longer firing BBs and the gun is empty of ammunition.



WARNING: EVEN THOUGH YOU GO THROUGH THE UNLOADING PROCEDURE, CONTINUE TO TREAT THE AIRGUN AS THOUGH IT WERE LOADED. DO NOT POINT AT ANYTHING YOU DO NOT INTEND TO SHOOT.

6. AIMING AND FIRING SAFELY

CAUTION:

- REMEMBER,** choose your targets carefully and be sure that the area around the target is clear.
- THINK** about what you will hit if you miss the target!
 - Your airgun is designed to target shooting and is suited for both indoor and outdoor use.
 - Follow the instructions for loading the airgun.
 - The airgun is correctly aimed when the front sight post is positioned centered of the rear peep sight (Fig. 7).
 - The rear sight can be flipped down and a larger peep sight is available for a larger field of view. This allows for quick target acquisition (Fig. 8).
 - When you are sure of your target and backstop, and the area around the target is clear, take the airgun "OFF SAFE" and pull the trigger to fire.



Fig. 7

7. REMOVING A JAMMED BB

CAUTION: Never look down the barrel to see if a jam has been cleared.

Follow the instructions under section 5B. If you are not able to unarm your airgun by following the unloading procedure, take no further action. An Authorized Service Station will unjam your airgun at no cost to you during the warranty period.

8. MAINTAINING YOUR AIRGUN

A. General Maintenance:

- If you drop the airgun, visually inspect for damage before using it again.
- 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 airgun again.

B. Lubricating the Bolt Assembly and Magazine Seal

NOTE: After 3,000 shots apply one drop of Crosman RMCOL.

- Make sure the airgun is UNLOADED, "ON SAFE" and pointed in a SAFE DIRECTION.
- Apply one drop of RMCOL to the magazine O-ring (Fig. 9).
- Pull out the rear receiver pin, push in from left and pull out with your fingertips. DO NOT completely remove pin.
- Lift up the back end of the receiver until the barrel is perpendicular to the lower receiver (Fig. 10).
- Pull out the charging handle just enough to expose the O-ring in the seal on the bolt and the opening of the blow back housing. Apply one drop of RMCOL to these two spots (Fig. 11).
- Push bolt assembly and charging handle back into place. Attach receivers and push in pin to secure.

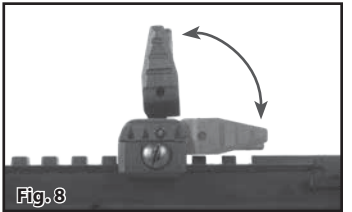


Fig. 8



Fig. 9

SPECIFICATIONS

Mechanism	CO ₂ Repeater
Caliber	4.5 mm Steel Shot
Front Sight	Fixed Post
Rear sight	Adjustable Peep sight
Velocity	up to 430 fps

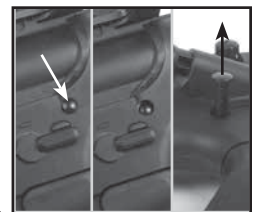


Fig. 10

WARNING:

- DO NOT ATTEMPT TO DISASSEMBLE YOUR AIRGUN.
- 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.

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 COPPERHEAD® branded ammunition. Use of other ammunition may cause the gun to malfunction.

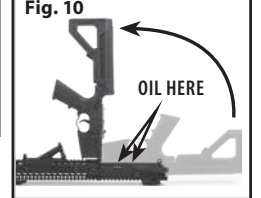


Fig. 11