

BARRA

— AIR GUNS —

400 FULL AUTO

BB RIFLE

ITEM NO. 4096, 4102, 4103



SCAN ME

for in depth videos
and walkthroughs



16+ YEARS

MOAB
VENTURES

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BARRAAIRGUNS.COM

READ ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL BEFORE USING THIS BB GUN. BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS ABOUT THE USE AND OWNERSHIP OF THIS BB GUN.

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

Please read this owner's manual completely. Remember to treat this BB gun 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.

PLEASE DO NOT RETURN PRODUCT TO STORE

For product assistance or questions,
please contact Customer Service:

Email: help@barraairguns.com

Phone: 1-510-296-3250

You can get answers to
frequently asked questions at

www.barraairguns.com

⚠️ WARNING:

THIS PRODUCT AND PACKAGE MAY CONTAIN
CHEMICAL(S) KNOWN TO THE STATE OF
CALIFORNIA TO CAUSE CANCER AND BIRTH
DEFECTS OR OTHER REPRODUCTIVE HARM.

WASH HANDS AFTER HANDLING.

WWW.P65WARNINGS.CA.GOV

⚠️ WARNING: Choking Hazard-small parts.

ACTUAL COLORS AND DECORATIONS OF
THE PRODUCT MAY VARY.



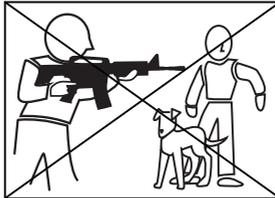
1. WARNINGS: [RESTRICTED TO USERS 16 YEARS OF AGE OR OLDER.]

 **WARNING:** This BB gun was developed for enjoying sport shooting only. As the BB gun has the potential risk of serious injury such as blindness and damage to property, please read all instructions and warnings in this manual before using this BB gun.

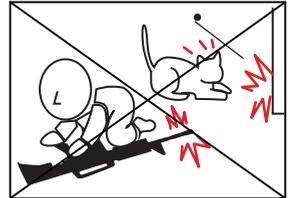
 **WARNING:** DO NOT exceed temperatures above 120°F (43.3°C) or below 20°F (-6.6°C).



Always wear goggles or eye protective gear when shooting.



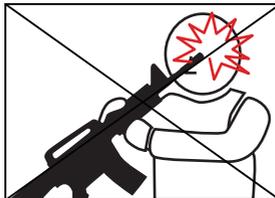
Never point the muzzle at unprotected people or animals.



Always keep the airgun out of reach of children.



Disassembling or modifying the gun may affect the gun's performance and void manufacturer's warranty.



Never look directly down the barrel of this BB gun.



Remove magazine, battery and set the fire select switch to 'SAFE' when not in use.



Never put your finger on the trigger unless you are ready to fire.



BBs may fire out even if the magazine is removed.

 **WARNING:** THIS PRODUCT IS NOT A TOY. ADULT SUPERVISION REQUIRED.

THIS PRODUCT IS INTENDED FOR USE BY THOSE 16 YEARS OF AGE OR OLDER. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY (ESPECIALLY TO THE EYE) OR DEATH. EYE PROTECTION DESIGNED FOR BB GUNS MUST BE WORN AT ALL TIMES BY THE USER AND ANY PERSON WITHIN RANGE. READ ALL INSTRUCTIONS AND OWNER'S MANUAL BEFORE USING. BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS ABOUT THE USE AND OWNERSHIP OF THIS BB GUN. THIS BB GUN IS RECOMMENDED FOR ADULT USE ONLY. MAY BE DANGEROUS UP TO 450 YARDS (412 METERS).

 **WARNING:** DO NOT BRANDISH OR DISPLAY THIS AIRGUN IN PUBLIC. THIS RIFLE LOOKS IDENTICAL TO A FIREARM. PLEASE COMPLY WITH ALL LAWS REGARDING THE DISPLAY AND USE OF FIREARMS. IT IS CRITICAL TO IMMEDIATELY OBEY THE COMMANDS OF LAW ENFORCEMENT OFFICERS WHEN IN POSSESSION OF THIS AIRGUN. FAILURE TO COMPLY CAN RESULT IN SERIOUS INJURY OR DEATH AS SUCH A REALISTIC AIRGUN CAN EASILY BE MISTAKEN FOR A REAL FIREARM.

2. CONTENTS & GETTING TO KNOW YOUR GUN



CONTENTS

400 Full Auto BB Rifle
50 Round Magazine
Speed loader
User Manual

Specification
Barrel Length
Barrel Caliber
BB Capacity
Rate of Fire
Velocity

400 Full Auto BB Rifle
15.9 in
.177 cal / 4.5mm
50 Rounds
550 Rounds per Minute (RPM)
410 Feet Per Second (FPS)

3. BATTERY CHARGING & INSTALLATION

This BB gun will not function properly without a fully charged battery.

Minimum battery requirement is 11.1v, 3s, 1800 mAh, 25c Lipo brick style with a Deans connection. Do not exceed 3s. It is fine to go higher on the mAh and c rating, in fact, doing so will lead to greater shot count and stable rate of fire. The battery you choose will greatly affect the performance of your rifle. Adapters can be used to convert X30 and X60 batteries to a Deans connection, providing a greater selection of batteries or allowing you to use ones you might already have. Batteries that come with a small Tamiya connector should never be used with an adapter, as they will lack sufficient capacity.

To prevent deep discharge of batteries, checking the voltage is recommended. Voltage alarms are also available. Deep discharging your batteries will lead to battery swelling and shorter lifespan, so care should be taken to avoid that.

CAUTION:

Lipo batteries are powerful and can be dangerous when not handled properly. Be sure to use a balance charger and follow the battery manufacturer's recommendations when charging, discharging, and storing them. Use caution when handling and using the battery or charger to prevent the risk of electric shock.

<p>1.</p> 	<p>2.</p> 	<p>3.</p> 
<p>4.</p> 	<p>5.</p> 	<p>1. Push the release button. 2. Remove the cover. 3. Connect battery to plug 4. Put wire back to buffer tube 5. Put battery back to position 6. Replace the cover.</p>

Loading the Battery

- Make sure the BB gun is on "SAFE" (See section 5), UNLOADED, and pointed in a SAFE DIRECTION.
- Push the release button on both sides while pulling the back cover off.
- Securely connect the battery leads.
- Insert the battery into the stock and replace the cover.

4. LOADING THE MAGAZINE

- Make sure the BB gun is on "SAFE" (See section 5), UNLOADED, and pointed in a SAFE DIRECTION.
- Use .177 steel BBs sold for airguns only in this BB gun. Use of any other ammunition may cause injury to you or damage to the BB gun. Do not use frangible BBs or .177 lead balls.



1. Load steel BBs into speed loader



2. Close the cover, Push the lock button to release the loading rod



3. Insert the magazine feed to speed loader feed



4. Push the loading rod until the magazine is full (DO NOT APPLY EXCESSIVE FORCE)



NOTE: If you want to load an "empty" magazine into the gun, please push the BB follower back into the magazine before you insert it.

WARNING:

Never assume that because the BB gun no longer fires a BB and/or the loading chamber is removed, that a BB is not lodged in the barrel. Always treat the BB gun as though it is loaded with the same respect you would a firearm.

5. FIRING OPERATION

Note: This BB gun fires in semi or full auto-mode. Full auto means it continues to fire BBs as long as you hold the trigger. Semi-auto means you will have to pull the trigger to fire a shot.



Safe



Semi Auto



Full Auto

Select Firing Mode

- Locate the safety on the left side of the receiver.
- Turn the lever to "SEMI" for semi-auto mode.
- Turn BB the lever gun to "AUTO" for full-auto mode.
- The BB gun is off "SAFE" and ready to fire when pointing to either "SEMI" or "AUTO."
- Once in desired mode, point at predetermined target and pull trigger.

WARNING:

Keep the BB gun in the "SAFE" position until you are actually ready to shoot. When ready to fire, change to one of desired firing position.

Select Firing Mode

- Confirm your firing area is safe before firing.
- When a new magazine is inserted there is a possibility that a BB will not fire after pulling the trigger. To solve this problem, switch to full-auto and fire a burst of 5-10 shots.
- Charge the battery if the firing cycle becomes slow.
- Give the gun a rest of 5-10 minutes between long shooting sessions to ensure the life of the motor & battery.
- If the BBs are jammed, stop firing and remove the jammed BBs immediately (See section 7).
- Service the BB Gun with silicone oil as daily maintenance (See section 7).
- Backstops should be inspected for wear before and after each use.
- Discontinue use if the backstop surface shows signs of failure. Since backstop surfaces eventually fail, always place the backstop in a location that will be safe should the backstop fail.

6. ADJUSTABLE SIGHTS & ADJUSTABLE STOCK

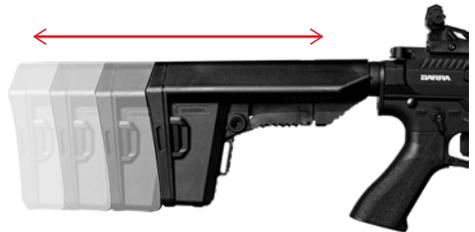
To Adjust Sight

- Front and rear sights flip up easily from mounted position.
- To unmount or move sights, use a hex key to loosen the right side of the mount until you can move the mount to your desired location. Retighten mount.
- Turning the rear sight wheel will adjust the left and right Mounting & position of the sight



To Adjust Stock

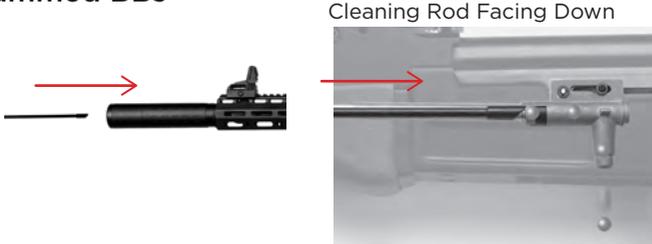
- To extend the length of the butt stock, press the adjustable stock spring in and pull backwards. Stock adjusts to 6 positions.



7. BASIC MAINTENANCE (REMOVING JAMS AND GUN CLEANING)

Before any maintenance is performed, the battery should be removed.

Clearing Jammed BBs



- The most common reason for a BB jam is the BB in the magazine does not line up correctly with the barrel. To correct this, drop the magazine and let the jammed BB drop.
- Sometimes during shooting, the rifle may stop unexpectedly. Release the magazine, reload the magazine and try again.
- If BB is jammed in the Barrel, follow the steps below:
 - Never look down the end of the barrel to see if a jam has been cleared.
 - Make sure the SAFETY is "ON" and pointed in a SAFE DIRECTION.
 - Remove the magazine.
 - Insert tapered end of a cleaning rod into the muzzle with the angle Cleaning Rod Facing Down toward the breech (where the magazine connects.)
 - CAREFULLY and slowly apply increasing pressure until you push the BB out of the breech.
 - Insert the magazine and test gun in a predetermined SAFE DIRECTION.

Cleaning the Barrel

- Maintenance is needed when the BB is shooting inaccurately.
- Maintenance is needed when BB speed becomes slow.
- Make sure the SAFETY is "ON" and the gun is pointed in a SAFE DIRECTION
- Remove the magazine.
- Cut a strip of cotton cloth the width of the eyelet hole and rotate the cloth around a cleaning rod.
- Insert the cleaning rod into the barrel of the gun while slowly twisting down the barrel.

Oiling Your BB Gun

- Lube and oil maintenance is needed often, generally after every occasion you use your gun.
- Use ONLY 100% silicone oil to lube, specifically in the locations pictured below.

Lubrication Points



To Store Gun

- After you are done shooting, point gun in a SAFE DIRECTION, take out the magazine, pull the trigger in a SAFE DIRECTION, make sure the barrel is empty and turn the THUMB SAFETY back to "SAFE."
- To empty magazine, refer to section 4. To take out the Battery, refer to section 3. To make sure the gun is on SAFE, refer to section 5.
- Store BB gun in a safe, cool place, where unauthorized shooters cannot access it.
- Never store your BB gun with the battery connected. Make sure that the battery is disconnected before placing it in storage. To prolong the life of your battery return it to a storage charge until you are ready to use it again.

8. ADVANCED MAINTENANCE & DISASSEMBLING

Advanced Maintenance

- To ensure the life of the BB gun, routine inspections and maintenance should be performed.
- Advanced maintenance and disassembling of this BB gun includes lubricating and cleaning the parts of the gun that are difficult to reach.
- Modification of the gun mechanism may cause a gun to malfunction, and tampering with a gun may make it unsafe to use.
- Any change in the BB guns performance, such as lowered trigger force and shortened trigger travel, may indicate possible wear and should be inspected, replaced or properly repaired.
- Unauthorized tampering with this BB gun will void the manufacturer's warranty.

WARNING:

Any advanced cleaning of the BB gun should be done by an adult, ages 16 years or older, preferably someone with advanced BB knowledge and training. For tutorials and step by step instructions, please call our customer service line at **(510) 296-3250** or email them at help@barraairguns.com.

9. AIMING AND FIRING SAFETY

- Always assume and treat gun as if it were loaded and ready to fire.
- Always handle and operate airguns safely.
- User should obey all laws regarding the usage and ownership of BB guns.
- Misuse or careless use may cause serious injury.
- Always point your BB gun in a SAFE DIRECTION.
- Never point the BB gun at any person or animal. Never point the BB gun at anything you do not intend to shoot.
- BB guns are not toys. They should only be used under adult supervision. Safety is a straightforward but continuous process.
- Think first, fire second.
- You, and others with you, should always wear eye protection.
- Always wear eye protection designed for BBs over your regular glasses.
- Always treat the BB gun as though it is loaded and with the same respect you would a firearm.
- Always keep your fingers away from the trigger during loading and handling. Keep your finger away from the trigger and the SAFETY ON until you are ready to fire. After firing, return safety to the "ON" position.

- Never insert items other than a .177 steel BB into the cartridge or gun barrel.
 - Always be certain of what is behind your target. Use extra precaution in selecting a safe target.
 - Improper targets may cause ricochet.
 - Do not fire at a target which allows ricochets or deflections. Do not fire into or at water, or hard surfaces.
 - Never use drugs or alcohol while handling this BB gun.
 - The BB gun and BB's should be kept in separate and secured places. Always keep the BB gun out of reach of children.
 - After use and before putting the BB gun away, always make absolutely sure that there are no BB's in the magazine, the safety is "ON" and the battery is removed.
 - It is possible that BBs may fire even if the magazine is removed. Direct the barrel towards a SAFE AREA. Pull the trigger to confirm no BBs remain in the gun.
 - Do not load the BB gun until you are ready to fire. Do not walk, run, jump or climb when carrying a loaded BB gun. A loaded BB gun should never be carried inside a vehicle. Always keep the safety "ON," even when the BB is unloaded.
 - DO NOT re-use BBs because they could possibly cause damage to you or your BB gun.
 - Your BB gun is designed for target shooting and is suited for outdoor use only. Always remember to place your target carefully. THINK about what you will hit if you miss the target.
 - Always keep the SAFETY "ON" until you are ready to shoot in a SAFE DIRECTION.
 - Always keep your finger off the trigger and out of the trigger guard until ready to shoot.
 - Always check to see if the BB gun is on "SAFE" and unloaded when getting it from another person or from storage.
- Always use quality BBs for this BB gun. Never use any used or damaged BB's.
Use only new .177 steel BBs.
- Backstops should be inspected for wear before and after each use. Discontinue use if the backstop surface shows signs of failure. Since backstop surfaces eventually fail, always place the backstop in a location that will be safe should the backstop fail. Discontinue the use of a backstop if the projectile rebounds or ricochets.
 - Never shoot any items that could break, shatter, or explode.
 - Malfunction of motor or battery will occur if the gun is immersed in water. Stop operating the gun, remove the battery and consult our service department immediately.
 - Check any gun that has been dropped to ensure that its function has not been affected.
 - Do not attempt to disassemble or tamper with your BB gun.
 - DO NOT MODIFY OR ALTER YOUR BB GUN. Attempts to modify the BB gun in any way may make your BB gun unsafe to use, cause serious injury or death and will void the warranty.
 - Like all mechanical devices, any BB gun safety can fail. Even when the safety is "ON SAFE," you should continue to handle the BB gun safely. Never point the BB gun at anything you do not intend to shoot.
 - Always be aware of your surroundings before shooting and select a safe area for target practice.
 - Select a safe place for operating the BB Gun. Avoid places where people and cars pass across or third parties are around. Avoid shooting in public places.
 - Always put the gun in a case or bag when you are carrying it to avoid giving rise to public panic.

10. TROUBLESHOOTING GUIDE

Status	Cause	Action
No Operation at all	Fire selector is set to SAFE	Set the fire select switch to semi or full-auto
	Battery is not charged	Fully charge the battery
	Battery connector is disconnected or reversed	Connect the connector correctly
	Poor motor connection	Check and repair the motor connections
	Expired motor life	Replace a new motor
Although the motor is running, no BB's fire	Magazine is not fully placed into the receiver	Load the magazine into receiver and turn the gear wheel. If it still doesn't work, contact customer service and ask for assistance
	Faulty gear	Please contact customer service and ask for assistance
	Levers may be broken	
Full-auto not functioning	Insufficient battery power	Charge the battery
	Faulty BBs feed from magazine	Use the cleaning rod to remove jammed BBs
Semi-auto not functioning	Deviation in gear timing	Fire 5-6 rounds in full auto and then switch back to semi auto again
	Insufficient battery power	Charge the battery
	Faulty BBs feed from magazine	Use the cleaning rod to remove jammed BBs
BBs roll out from barrel	Improper ammunition	Use recommended BBs
Shooting distance greatly reduced	Gear problem from excessive dry firing	Please contact customer service and ask for assistance
	Faulty BBs	
Loud operation noises	Damaged Gears	Please contact customer service and ask for assistance
	Problem caused by engagement between the motor and gears	Do not tune the engagement between the motor and bevel gears by yourself, contact customer service.
Gun has been immersed in water	Stop operation immediately and disconnect the battery. Wipe off any excess water from inside the body and from the battery. When gun is completely dry, test fire. If no operation or signs of malfunction is observed, please contact customer service and ask for assistance.	

WARNING:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARRANTY:

The purchase of this Barra Airguns product entitles you to 1 year replacement guarantee from the date of purchase with registration on the barraairguns.com site. Please go to the warranty section of the site and activate your 1 year warranty by registering the purchase within 90 days. Failure to register within 90 days from the date of purchase will void the warranty after the 90 days. We love our customers and believe in our product. If at any time during the warranty period your product fails to work because of manufacturer defects, please contact our customer service and we will give you the instructions on how to get your warranty replacement.

Email: help@barraairguns.com **Phone:** 1-510-296-3250

NOTE:

The customer is responsible for freight charges to Barra Airguns. Barra Airguns will be responsible for freight charges back to the customer.

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