

for in depth videos and walkthroughs





Manufactured & Distributed by ©2019 Moab Ventures, LLC 2401 SE C Street. Bentonville, AR 72712 All Rights Reserved. MADE IN TAIWAN

**BARRAAIRGUNS.COM** 

THE USE AND OWNERSHIP OF THIS AIRGUN.

instructions found in this owner's manual and keep this manual in a safe place for

READ ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL BEFORE USING THIS AIRGUN. BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS ABOUT

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 airgun with

the same respect you would a firearm. Always carefully follow the safety

future use. PLEASE DO NOT RETURN WARNING: **PRODUCT TO STORE** THIS PRODUCT AND PACKAGE MAY CONTAIN CHEMICAL(S) KNOWN TO THE STATE OF

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

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.

# **⚠** WARNINGS: (Restricted to users 16 years of age or older)

AIRGUNS-

f you

@BarraAirguns

**WARNING:** This sport gun was developed for enjoying sport shooting only. As the air 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 air gun.



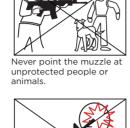
DO NOT exceed temperatures above 120°F(43.3°C) or below 20°F (-6.6°C).



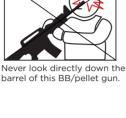
modifying the gun may

manufacturer's warranty

affect the gun's



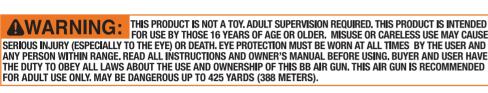






Always keep the airgun





BBs/pellets may still fire.

even if the cartridges are

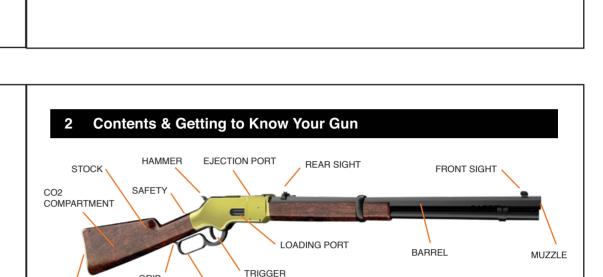
removed.

ALL PACKAGING MATERIAL BEFORE USE. IF PRODUCT BECOMES DAMAGED OR BROKEN IN ANY WAY, DISCONTINUE USE. USING DAMAGED PRODUCT MAY CAUSE DAMAGE OR LEAD TO INJURY.

**SCAN ME** 

for in depth videos and walkthroughs

**AWARNING:**DO NOT BRANDISH OR DISPLAY AIR GUNS IN PUBLIC. IT MAY CONFUSE PEOPLE AND MAY BE A CRIME. POLICE AND OTHERS MAY THINK IT IS A FIREARM. DO NOT CHANGE THE COLORING AND MARKINGS TO MAKE IT LOOK MORE LIKE A FIREARM. THAT IS DANGEROUS AND MAY BE A CRIME. PLEASE REMOVE



**COCKING LEVER** 

Barre

Length

462.5mm

476.5mm

10 - Ejecting Metal Cartridges **Specification** 1866 CO2

.177 cal - Smoothbore Barrel

.177 cal - Rifled Barrel

cylinders in a cool place.

No action.

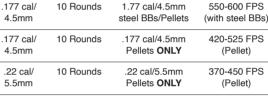
GRIP SAFETY

BUTTPAD

**CONTENTS:** 

1 - 1866 CO2 Rifle

1866 CO2



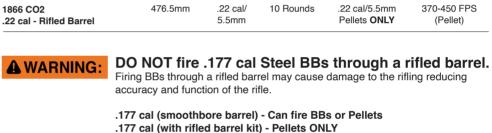
BB/Pellet

BB/PELLET CARTRIDGE

Additional Cartridges available at barraairguns.com

Velocity

x10 (included)



.22 cal (with rifled barrel) - Pellets ONLY

Barre

Caliber

Capacity

# ▲ WARNING: Use ONLY 12g CO₂ Cylinders. Any attempt to use other types of gas cylinders could be extremely dangerous and could result in serious injury or death. Gasses other than CO2 could result in an explosion or rupture of the gun.

CO<sub>2</sub> Installation (CO<sub>2</sub> Sold Separately)

▲ WARNING: CO₂ cylinders contain gas under pressure, wether or not it has been inserted into the gun. If exposed to high temperatures (such as inside of a closed car and/or de. Do not expose C O2 cylinders to temperatures above 120°F.

**A WARNING:** Never attempt to reuse a CO₂ cylinder for any purpose. Keep hands and face away from the CO₂ cylinders. Faces in a CO₂ cylinder for any purpose. from the CO<sub>2</sub> cylinders. Escaping CO<sub>2</sub> gas is very cold and can cause serious injury to you or others. Take great caution in handling CO<sub>2</sub> cylinders. Always make sure the CO<sub>2</sub> cylinder is empty before attempting to remove it from the air gun by slowly turning the knob counter-clockwise all the way until you no longer hear the CO₂ gas escaping.

- Backstops should be inspected for wear 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. Avoid ricochet. Never shoot at hard or flat

To Load CO2 Cylinders



Apply a drop of 100%

silicon oil to each end

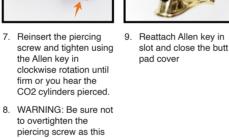
of the CO2 cylinders











4. Remove the piercing

Set the SAFETY in "SAFE" position and check to make sure that the cylinders were pierced **Loading & Unloading the Cartridges** 

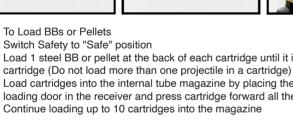
will damage your seal.

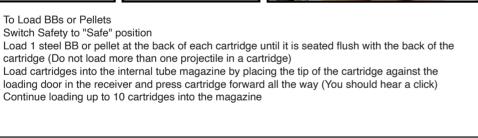
Pellet BB

If your rifle does not make a noise indicating a release of air after you pull the trigger then CO2 is not being released.

# or

To Load BBs or Pellets





x10

- **Advanced Maintenance & Disassembling**

 ${\boldsymbol{\cdot}}$  To ensure the life of the air gun, routine inspections and maintenance should be performed.

air gun unsafe to use, cause serious injury or death and will void the warranty. - Select a safe place for operating the air gun. 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.

Release the safety

- DO NOT MODIFY OR ALTER YOUR GUN. Attempts to modify the air gun in any way may make your

- Do not immerse CO2 gun in water. If submerged, stop operation of gun, clean, dry, and lube gun. - Check any gun that has been dropped to ensure that its function has not been affected. - Remove the BBs/pellets from the cartridges and CO2 from the gun when not in use - Do not attempt to disassemble or tamper with your air gun, BBs, or pellets.

### **Troubleshooting Guide** Status Cause Action

Safety is locked.

#### Replace the CO<sup>2</sup> Cylinders or place the rifle Insufficient gas release or at a very indoors to restore ambient temperature low temperature. The BB bullet does not Use only 4.5mm steel BBs Deformed BB eject out of the barrel The barrel is clogged with something. Remove the material from the barrel. The firing of the gun is The ambient temperature is too low (in winter or cold weather) not smooth while firing BE Place the rifle indoors to restore ambient temperature Place the rifle indoors to restore ambient temperature Low gas pressure in the magazine. Replace the CO2 cylinders. The trigger doesn't work Please contact customer service and ask for assistance Lubricate with 100% Silicon oil. Poor Iubrication Spring is worn out. Short projectile. Please contact customer service and ask for The CO2 discharging mechanism 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 30 days. Failure to register within 30 days from the date of purchase will void the warranty after the 30 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

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.

defects, please contact our customer service and we will give you the instructions on how to get your

#### Advanced maintenance and disassembling of this air gun includes lubricating and cleaning the parts of the gun that are difficult to reach. • For the most up to date authorized maintenance instructions, please visit www.barraairguns.com or contact our customer service at 510-296-3250 or email at help@barraairguns.com. 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 air gun's performance, such as lowered trigger force and shortened trigger travel may indicate possible wear and should be inspected, replaced, or properly repaired. Repairs should only be made by qualified personnel.

continuous process.

targets may cause ricochet.

**Firing Operation** 

**Advanced Maintenance** 

- $\bullet$  Unauthorized tampering of this air gun will void the manufacturer's warranty. Any advanced cleaning of the air gun should be done by an adult, ages 16 years any advanced cleaning of the air gun should be done by an adult, ages 16 years or older, preferably someone with advanced air gun knowledge and training. For tutorials and step by step instructions, please call our customer service at 510-296-3250 or email at
- help@barraairguns.com Aiming and Firing Safety
- Always handle and operate air guns safely - User should obey all laws regarding the usage and ownership of air guns. Misuse or careless use may cause serious injury.
  Always point your air gun in a SAFE DIRECTION. - NEVER POINT your air gun at people or animals even if it is not loaded. - Air guns are not toys. They should only be used under adult supervision. Safety is a straightforward but

# - THE UNSUPERVISED USE OF AIR GUNS IS NOT RECOMMENDED FOR PERSONS UNDER 16 YEARS OF AGE. - Think first; fire second.

- Never use drugs or alcohol while handling this air gun.

- Always assume and treat guns as if it were loaded and ready to fire.

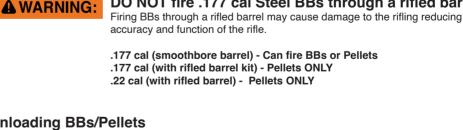
- Always keep your fingers away from the trigger during loading and handling. Keep your finger away from the trigger and SAFETY to "SAFE" until you are ready to fire. After firing, return safety to the "SAFE" position. - Never insert items other than a metal BBs/pellets into the cartridge or gun barrel. - Always be certain of what is behind your target. Use extra precaution in selecting a safe target. Improper
- The air gun and BBs/pellets should be kept in separate and secured places. Always keep the air gun out of reach of children. - After use and before putting the air gun away, always make absolutely sure that there are no BBs/pellets in the cartridges, the safety is set to "SAFE" and the CO2 cylinders are removed. It is possible that BBs/pellets may fire even if the cartridge is removed. Direct the barrel towards a

- Do not fire at a target which allows ricochets or deflections. Do not fire into or at water, or hard surfaces.

- SAFE AREA. Pull the trigger to confirm no BBs/pellets remain in the gun.

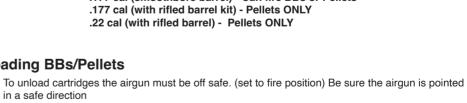
   Do not load the air gun until you are ready to fire. Do not walk, run, jump or climb when carrying a loaded air gun. A loaded air gun should never be carried inside a vehicle. Always keep the safety to "SAFE", even when the air gun is unloaded.
- DO NOT re-use BBs/pellet because they could possibly cause damage to you or your air gun.
   Your air 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.
- **Unloading BBs/Pellets** in a safe direction

warranty replacement.



177 Cal BB/Pellet

Cartridge



worn & used

.22 Cal Pellet Cartridge

with Nickel Finish

DO NOT fire .177 cal Steel BBs through a rifled barrel.

Cycle the cocking lever until all the cartridges have been ejected. ▲ WARNING: After ejecting cartridges they may become dirty. Inspect cartridges before inserting them into your rifle to be sure that they are clear of dust or debris.

as though it is loaded and with the same respect you would a firearm.

Do not use BBs that show the following: Over offset of pointed edges **A** WARNING: WARNING: Never assume that because the airgun no longer fires a BB/pellet and/or the loading chamber is removed, that a BB/pellet is not lodged in the barrel. Always treat the air gun

**Selecting Firing Mode** Locate the safety on the top of the rifle where the stock meets the receiver. Slide the safety down to "FIRE" position in order to shoot (Red Dot). Slide the safety up for "SAFE" (White Dot).

#### You can only cycle the lever when the safety is in the "FIRE" Position With the safety in "FIRE" position, point the rifle in a SAFE DIRECTION and cycle the lever to load a cartridge and cock the hammer. Squeeze the trigger when ready to fire. Cycle the lever to eject the spent cartridge and load another into the breech.

After shooting session is complete, return the safety to "SAFE" position.

When gun is not in use, store in a SAFE PLACE secure from children. Adjusting and Using the Flip Up Sights The airgun comes with a fixed front and rear sight. It is aimed correctly when the front sight blade

is evenly positioned with the notch in the rear sight. For shooting longer distances you can flip the rear sight up. To level the sights you will then need to raise the nose of the rifle up.

- Installing and Removing the Picatinny Rail 1. Included with your 1866 is small picatinny rail section with two screws. On the top of the receiver there are two machined holes where this can be affixed and utilized for attaching various reflex sights
  - To install this simply place the Picatinny rail on top of the receiver and line up the holes. Insert and carefully tighten the Allen screws being sure not to overtighten them. To remove, simply unscrew the screws and store them safely.

• Refer to Section 4 for loading and unloading the BB/pellet cartridges.

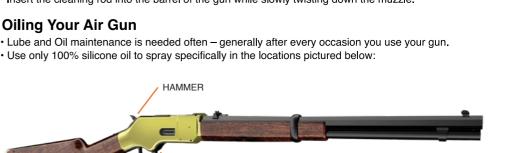
#### To Take Out CO<sub>2</sub> Cylinder · Do not remove the CO2 cylinder without first depleting the CO2. • To deplete the CO2, point gun with an empty chamber in a SAFE DIRECTION, and fire the gun until the CO<sup>2</sup> cylinders are depleted.

· Store your air gun in a safe, cool place in a secure location away from unauthorized users.

**▲ WARNING:** Use extreme caution while depleting the CO₂ cylinder, as rapid release of the CO₂ will cause the magazine to drop dramatically in temperature. Never point the top of the magazine at anyone including yourself while depleting the CO₂ cylinder. Only deplete in a well ventilated area.

**AWARNING:** Higher operating temperatures will increase the CO2 pressure and the speed of the BB/pellet, while lower operating temperatures will decrease the CO2 pressure and the speed of the BB/pellet. Keep CO2 cylinders in a cool, safe place, if temperatures exceed 120°F, the cylinder may burst or explode. Avoid contact with the gas as it may cause harm or injury.

- or damaged BB/pellet shells. Use the proper caliber ammunition, never reuse ammunition, and inspect BB/pellet shells for dirt and damage while reloading, cleaning and replacing when necessary.
- If you do experience a jam, immediately stop shooting. Remove the CO2 cylinders. Remove all shells from the rifle by working the lever until all of them have been ejected. Once the last shell has been ejected, leave the lever in the open position. Insert a brass or aluminum cleaning rod into the muzzle and push the jam out. Be sure the jam doesn't get lost in the action in the process.
- Cleaning the Barrel



## - Facial protection is required. You and others with you should always wear eye protection. - Always treat the air gun as though it is loaded and with the same respect you would a firearm. - Always use hearing protection.

- Always keep the SAFETY to "SAFE" 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 airgun is on "SAFE" and unloaded when getting it from another person or from storage. - Always use precision steel BBs/pellets for this airgun. Never use any used or damaged ammunition.

**WARNING**: WARNING This air gun comes with a safety feature that can help prevent accidental firing. Like any mechanical device, an air gun safety can fail. Never rely on the safety to prevent

accidental firing. Never point this air gun at anything you do not intend to shoot.

- **GRIP** SAFETY
- Locate the safety on top of the rear-grip. Slide the safety down to "FIRE" (red dot) and position in order to shoot. In order for the rifle to fire, the lever needs to be pressed against the grip to deactivate the grip
- safety. Hold the lever while you grip the rifle to fire. Very slight pressure is needed. Caution: once the loaded cartridges are placed in the rifle, a BB/Pellet will already be ready to fire in the chamber. Squeeze the trigger to fire the loaded BB. The hammer can only be released when the safety is in the "FIRE" position. With the safety in "FIRE" position, point the rifle in a predetermined safe direction, cock the hammer
- and squeeze the trigger. After shooting session is complete, return the latch in the "SAFE" position. When gun is not in use, store in a safe place away from children.
- **A** FIRING NOTICE:
- If bullets are clogged, stop firing and remove the clogged bullets immediately (see Section 7). • Service the air 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
- · Never shoot the gun upside down. This will cause unpredictable results and may damage your gun. To Store Gun
- · After you are done shooting, empty remaining BB's/Pellets by firing in a SAFE DIRECTION and
- Keep the SAFETY to "SAFE" until you are actually ready to shoot. Then switch **A** WARNING: SAFETY to "FIRE" and fire in a SAFE DIRECTION. Safe Shooting

- · After an extended firing session, the low temperature of the CO2 will cause a reduction in gas pressure and a decrease in the BB/Pellet velocity. Allow the CO2 to warm back up and resume
- turn SAFETY in the "SAFE" position. · Make sure that no BB's/Pellets remain in the gun.
- · Confirm your firing area is safe before firing. Replace the CO<sub>2</sub> if the firing cycle become slow or stops. 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 use of a backstop if the projectile rebounds or ricochets.
- After firing all BB's/Pellets, the gun will keep releasing air however there will be BB's/Pellets fired. To resume firing, insert new BB's/Pellets into Cartridges (see Section 4).
  - Use only 100% silicone oil to spray specifically in the locations pictured below: LEVER HINGE POINT
- **Clearing Jammed BBs/Pellets**

• Refer to Section 3 for loading CO<sup>2</sup> cylinder.

- Another cause of a jammed barrel is using poor quality ammunition, reusing ammunition, or loading dirty
- Maintenance is needed when BB/pellet speed becomes slow.
  Make sure the SAFETY is set to "SAFE" and pointed in a SAFE DIRECTION. • Remove the BB/pellet cartridges. • Cut a strip of cotton cloth the width of an 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 muzzle.
- **Basic Maintenance (Removing Jams & Gun Cleaning)** The most common reason for the barrel jamming is shooting when the CO2 cylinders are almost out of gas. Stop shooting as soon as the point of impact drops significantly or you hear a drastic drop in noise. Change to fresh CO2 cylinders before you resume shooting.