

Air Venturi

The Power of Air

Bronco Owner's Manual



Bronco



Bronco Target Pro



Not a toy. Adult supervision required. Misuse or careless use may cause serious injury or death.

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Illustrations and photographs are for demonstration purposes only and may not show the exact model purchased.

Do not cock your airgun before reading this owner's manual and all other printed materials shipped with it. Misuse may void your repair policy, warranty and service contract. It may also expose you and others to possible harm. A few minutes now will deliver years of pleasure with your airgun.

This airgun is recommended for adult use only. Precision adult airguns are non-powder guns. They may have extremely sensitive trigger mechanisms, very light trigger-pulls, may fire if dropped or jarred abruptly, and may not have a trigger block or safety. Airguns are not toys. Careless use may result in serious injury or death. Dangerous within 450 yards (412 meters).

Dealers: *This owner's manual must be given to the retail customer with the airgun at the time of purchase. Shooters are advised to keep this manual and associated instructions for future reference by all users of this airgun, even if the airgun is resold or loaned.*

Rules of safe shooting

- Never point a gun at anyone or anything, even if you think the gun is unloaded.
- Wear safety glasses where appropriate and ensure those around you do, too.
- Always use a safe backstop in a safe location in case the backstop should fail or any pellets pass through it.
- Never load your gun until you are ready to shoot and it is safe to do so.
- Never shoot at hard surfaces, water or anything else that may cause a ricochet.
- Always ensure the gun is on **SAFE** and is unloaded when receiving or giving the gun to someone else. Many accidents are caused by people handling guns that they **thought** were **unloaded and safe!**
- Never put a gun away loaded or cocked.
- Put your gun on **SAFE** when you are not shooting or are done shooting.
- Always be sure of your target and what lies beyond it in case you miss.
- Never re-use ammunition.
- Ensure you always use the correct caliber and type of ammunition suitable for your gun.
- Always treat a gun as if it is loaded and with the respect any loaded gun commands.
- Always read and follow the manufacturer's manual and instructions.
- Always make sure you understand how to use any gun before using it.
- Always keep your finger off the trigger and clear of the triggerguard until you are ready to shoot and it is safe to do so.
- Always store the gun in a safe place, unloaded and uncocked, and out of reach of children and unauthorized users.
- Always store ammunition separately from the gun.
- Always abide by laws and regulations that apply to airguns.
- Always use the correct and recommended lubricants; failure to do so may cause injury or damage and will void the manufacturer's warranty.
- **YOU** are the most important safety feature!

Shooting is one of the safest sports in the world, but misuse and careless use of guns can cause serious injury or death.

ASK, LISTEN, THINK—IF IN DOUBT—DON'T!



Not a toy. Adult supervision required. Misuse or careless use may cause serious injury or death. May be dangerous up to 1,000 yards.

This airgun is intended for use by those 18 years of age or older.

Cocking & loading

Point the air rifle in a safe direction. Grasp the stock behind the triggerguard (fingers OFF the trigger!). Position your other hand on the barrel just behind the front sight and slap the barrel to break it open. Once you've broken it open, break open the barrel completely by smoothly rotating it downward until the cocking action is completed. Do not use excessive force or speed. (Fig. 1)

Insert a single pellet (nose/head first) into the breech (Fig. 2) until the skirt is flush with the breech. **Caution:** To prevent the barrel from closing suddenly, always restrain the barrel during the loading process. Do not move the safety to the FIRE position during loading. Fingers should be outside the triggerguard until the barrel is returned to the locked position, you are on target and you are ready to take your shot.

Close your air rifle by pivoting the barrel upward until it locks back into position. This should be done with enough force to lock the barrel but not so violently that it damages the airgun.

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! WARNING:

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

! WARNING:

Do not assume your gun is unloaded if it fails to fire properly!

Never leave your airgun loaded.

Automatic safety

The automatic safety is now engaged. The safety is located on the receiver. To prepare to fire, move the safety toward the FIRE position (RED).

Keep the air rifle on **SAFE** until you're ready to shoot, then push the safety OFF.

Be sure of your target and know what's behind or near your target. If a projectile rebounds or ricochets, stop shooting immediately and change your backstop. Always wear protective eyewear. Keep your finger off the trigger until the gun is pointed in a safe direction and you're ready to shoot.



Sight adjustment

Bronco

To adjust windage:

Loosen the 2 Allen screws and push the sight the direction you want the pellet to move. Retighten the screws.



To adjust elevation:

To raise the pellet impact point, push the rear sight blade **back** on its stepped base. To lower the pellet impact point, push the rear sight blade **forward** on its stepped base.

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To adjust windage: Loosen the 2 screws on top of the sight, move the sight to the place where you want the pellet to move and then tighten the screws.



To adjust elevation: Loosen the screw on the side of the sight, move the sight up or down to adjust the point of impact, and then tighten the screw.

The long set screw helps keep the sight in place so you can raise and lower it until you get it just right. Then you can tighten the set screw to lock the sight in place.

Maintenance

1. *Air compression chamber:* The air compression chamber and piston seal require no lubrication. They should be lubricated during factory service only.
2. *Steel mainspring:* The mainspring is the power source for the air rifle. A break-in period of 1,000 rounds is usually necessary before maximum velocities are reached. Once the airgun is properly broken in, periodic lubrication may be applied for smooth operation. Lightly apply chamber lube directly to the mainspring through the slot on the underside of the cylinder. Use only a small amount, as excess will damage the air rifle. Do not use common household oil—use oil made specifically for spring guns.
3. *Barrel hinge & other bearing surfaces:* The main bearing surfaces, such as the barrel pivot lever and cocking arm, should be lubricated with a good lubricating gel. Use only one drop per side, as excess may cause galling.
4. *Barrel:* The barrel normally requires minimal care. For best accuracy, the bore should be cleaned with a lightly oiled patch or felt cleaning pellets only when you notice the gun is no longer accurate. Do not use regular firearm bore cleaners, as they may damage the seals and cause dieseling. Always clean from the breech end and use a cleaning rod designed for airguns to protect the rifling and crown.
5. *Exterior:* To prevent rust from forming from the acid on your hands, wipe down the exterior wood and metal with a silicone cloth after every shooting session or after handling.

WARNING:

When performing maintenance, make sure your gun is unloaded. Always keep your finger off the trigger during any maintenance routine.

In the unlikely event your rifle malfunctions or exhibits reduced performance, DO NOT attempt to fix the problem yourself. Please call Air Venturi so we can address any issues or have you return the gun for repair.

Air Venturi service line: 216-220-1180

Warranty registration

Your Bronco air rifle is manufactured to the highest possible standards, using the finest materials to give a lifetime of service. In the unlikely event of there being any defects in materials or workmanship in the first twelve (12) months after retail purchase, we will repair or replace the rifle under warranty.

Note—The warranty will be invalid if:

- The rifle has been disassembled and/or incorrectly reassembled.
- The rifle is found to have lubrication not recommended by Air Venturi.
- The rifle has been fitted with non-Air Venturi parts.
- The rifle has been misused or abused.
- The warranty card was not returned within 28 days of retail purchase and/or the original purchase receipt cannot be presented.

Note—The warranty does NOT cover:

- Any damage or faults caused by owner misuse or action.
- Shipment damage of the rifle to or from Air Venturi.

This warranty is in addition to your statutory rights. To register your warranty, the card below must be completed and returned to Air Venturi within 28 days of purchase. Retain your sales receipt as proof of purchase.

Complete the following warranty card and mail to Air Venturi, 18370 South Miles Road, Warrensville Heights, OH 44128.

Bronco warranty card

Serial Number:.....**Date of Purchase:**.....

Which did you purchase: Bronco Bronco Target Pro

Where purchased:.....

Your name:.....

Your address:
.....
.....

Your phone:.....

Air venturi

The Power of Air

Air Venturi
18370 South Miles Road
Warrensville Heights, OH 44128
216-220-1180