



# OMNISTORM

## User Instruction Manual



## Break Barrel Air Rifle

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## RULES OF SAFE SHOOTING

- **NEVER** point the airgun at any person.
- **NEVER** point the airgun at anything you do not intend to shoot.
- **ALWAYS** treat the airgun as if it is loaded and handle it with the same respect you would a firearm.
- **ALWAYS** aim in a **SAFE DIRECTION**. **ALWAYS** keep the muzzle pointed in a **SAFE DIRECTION**.
- **NEVER** put any part of your hand over the muzzle.
- **ALWAYS** keep the airgun **ON "SAFE"** until you are ready to shoot in a **SAFE DIRECTION**.
- Check behind and beyond your target to be certain you have a safe backstop and that no person or property can be endangered.
- Place the backstop in a location that will be safe should the backstop fail.
- Replace the backstop if it becomes worn.
- **ALWAYS** be sure of your target and what lies beyond it in case you miss.
- **NEVER** shoot at hard surfaces, water or anything else that may cause a ricochet.
- This airgun may only be used where your local laws permit or at shooting ranges allowed by the law, and only if the ammunition does not travel further than the shooting area. Keep in mind the maximum range of the ammunition. **ALWAYS** abide by laws and regulations that apply to airguns.
- **ALWAYS** check to see if the airgun is **ON "SAFE"** and unloaded when getting it from another person or from storage.
- **ALWAYS** keep your finger off the trigger and away from the trigger guard until ready to shoot.
- You and others with you should **ALWAYS** wear safety shooting glasses to protect your eyes.
- If your reading or prescription glasses are not certified safety glasses, make sure you wear shooting glasses over your regular glasses.
- The shooter and everyone in the vicinity should wear hearing protection when shooting and filling guns with high pressure air.
- **NEVER** load your gun until you're ready to shoot and it's safe to do so.
- **ALWAYS** use the correct caliber ammunition that is suitable for the airgun. Use **ONLY** ammunition designed for this airgun.
- **NEVER** reuse ammunition.
- **ALWAYS** store the airgun with the safety **ON "SAFE"**, unloaded, uncocked, separated from the ammunition, out of the reach of children, and in a secure location to prevent unauthorized people from accessing it.
- **DO NOT** attempt to disassemble or tamper with the airgun.
- **DO NOT** put the airgun away loaded.
- **ALWAYS** store this airgun in a safe location.
- **ALWAYS** store ammunition separately from the gun.
- **NEVER** leave the airgun loaded if it is out of your reach.
- **ALWAYS** unload the airgun before giving it to someone else.
- **ALWAYS** read and follow the manufacturer's manual and instructions.
- **NEVER** let a person who has not completely read this manual use this product.

# ALWAYS FOLLOW THESE SAFETY WARNINGS

**⚠ WARNING:** NOT A TOY. THIS AIR RIFLE IS INTENDED FOR ADULT USE ONLY. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. MAY BE DANGEROUS UP TO 600 YARDS (548 METERS).

**⚠ 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 OR MARKINGS TO MAKE IT LOOK MORE LIKE A FIREARM. THAT IS DANGEROUS AND MAY BE A CRIME.

**⚠ WARNING:** THIS IS A HIGH POWERED AIRGUN INTENDED FOR USE BY THOSE 18 YEARS OF AGE OR OLDER. READ ALL INSTRUCTIONS BEFORE USING. BUYER AND USER HAVE THE DUTY TO OBEY ALL LAWS ABOUT THE USE AND OWNERSHIP OF THIS AIRGUN.

**⚠ WARNING:** BE SURE THE AIRGUN IS ALWAYS POINTED IN A SAFE DIRECTION. NEVER POINT THE AIRGUN AT ANYONE EVEN IF IT IS UNLOADED. ALWAYS ASSUME AND HANDLE THE AIRGUN AS IF IT WERE LOADED AND READY TO FIRE.

**⚠ WARNING:** THIS PRODUCT CAN EXPOSE YOU TO CHEMICALS INCLUDING LEAD, WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM. FOR MORE INFORMATION GO TO [WWW.P65WARNINGS.CA.GOV](http://WWW.P65WARNINGS.CA.GOV).

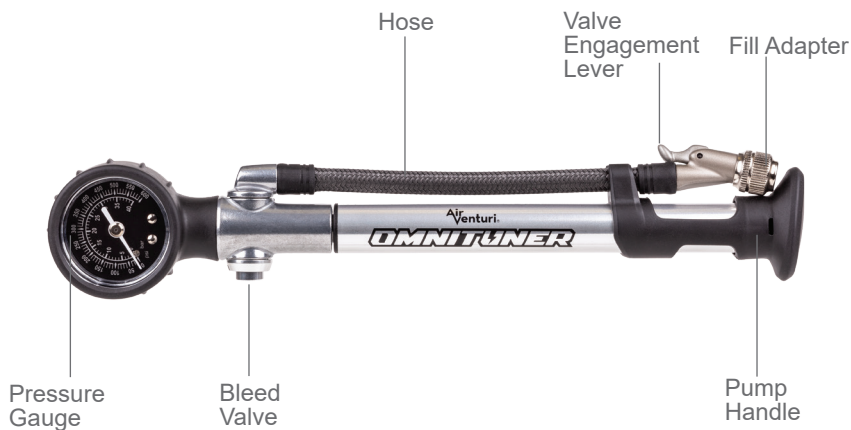
**⚠ WARNING:** TREAT YOUR AIR RIFLE AS IF IT IS ALWAYS LOADED AND READY TO FIRE. ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. BE AWARE OF RICOCHET. NEVER SHOOT AT HARD SURFACES OR INTO WATER.

**⚠ IMPORTANT** YOU AND OTHERS WITH YOU SHOULD ALWAYS WEAR SAFETY GLASSES TO PROTECT YOUR EYES. READ ALL INSTRUCTIONS BEFORE USING.



**⚠ WARNING:** THIS AIR GUN IS DESIGNED FOR USE AT MAXIMUM PRESSURE 600 PSI (41 BAR). DO NOT FILL PAST THE MAXIMUM PRESSURE.

## PARTS OF YOUR OMNISTORM AIR RIFLE



## OPERATING THE SAFETY

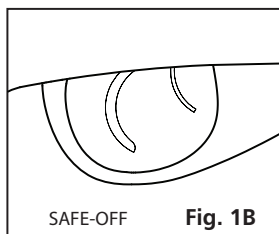
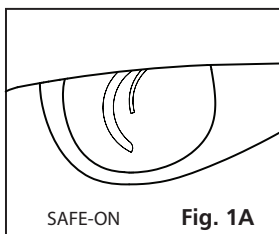
1) The safety located in front of the trigger allows you to set the air rifle to SAFE-ON or SAFE-OFF positions.

### SETTING “SAFE-ON” POSITION (Fig. 1A)

- Locate safety and pull inwards, OR
- Air rifle is automatically set to this position when cocking (Pg. 7) from a SAFE-OFF position
- Safety should point to the “S” indicator

### SETTING “SAFE-OFF” POSITION (Fig. 1B)

- Locate safety and push outwards
- Set to this position only when ready to fire
- Safety should point to the “F” indicator

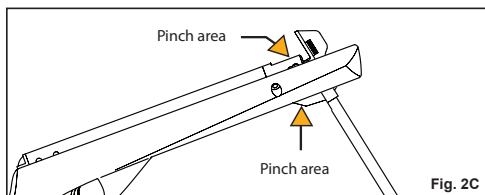
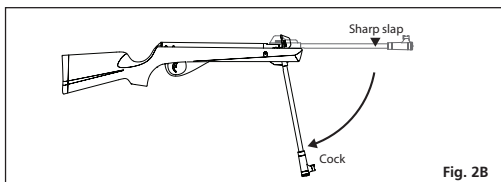
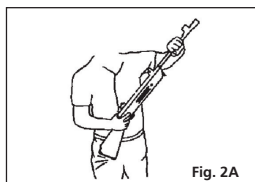


**! WARNING:** ALWAYS MANUALLY AND VISUALLY KEEP AIR RIFLE IN THE “S” (SAFE) POSITION UNTIL YOU ARE ACTUALLY READY TO SHOOT. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN SERIOUS INJURIES OR DEATH.

**! WARNING:** LIKE ALL MECHANICAL DEVICES, AN AIR RIFLE SAFETY CAN FAIL. EVEN WHEN THE SAFETY IS SET TO “S” (SAFE) POSITION, CONTINUE HANDLING THE AIR RIFLE SAFELY. NEVER POINT THE AIR RIFLE AT ANY PERSON AND ANYTHING YOU DO NOT INTEND TO SHOOT.

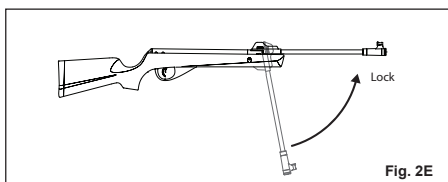
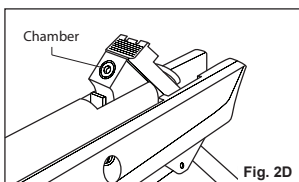
## COCKING AND LOADING THE AIR RIFLE

- 1) With the rifle pointed in a safe direction, place the butt pad on your upper thigh as shown in Fig. 2A.
- 2) With one hand holding the rifle, give a sharp slap at the end of the barrel to unlock it. (Fig. 2B)
- 3) Once unlocked, grip the barrel firmly and pull the barrel down to cock the action. (Fig. 2B) The safety will automatically engage when the action is cocked.
- 4) Avoid placing your hands or fingers near the pinch areas highlighted in Fig. 2C while cocking, loading or closing the action.
- 5) Load a pellet head first into the breech end of the barrel (Fig. 2D). Ensure the pellet is seated completely into the barrel so it is not damaged upon closing.
- 6) Swing the barrel up and forward to close the action as shown in Fig. 2E.



**CAUTION:  
PINCH POINT**

KEEP YOUR HANDS CLEAR  
OF THE HIGHLIGHTED AREA  
WHILE COCKING THE ACTION.



**! WARNING:** WHEN COCKING THE AIR RIFLE, NEVER PLACE YOUR HAND OVER THE END OF MUZZLE.

**! WARNING:** AVOID HOLDING THE AIR RIFLE AROUND TRIGGER GUARD AREA TO PREVENT TOUCHING THE TRIGGER OR SET TO SAFE-OFF POSITION DURING COCKING.

**! WARNING:** DO NOT COCK YOUR AIR RIFLE UNTIL YOU ARE READY TO LOAD AND FIRE SINCE THE ONLY WAY TO DECOCK THE RIFLE IS BY FIRING IT.

## AIMING & FIRING SAFELY

### **! IMPORTANT**

YOU AND OTHERS WITH YOU SHOULD ALWAYS WEAR SAFETY GLASSES TO PROTECT YOUR EYES. READ ALL INSTRUCTIONS BEFORE USING.



### AIMING

- Firmly hold the air rifle with both hands and arms in position
- Point muzzle towards a safe target direction where you intend to shoot
- Projectile may penetrate or miss target, so always ensure safety beyond the target area

### FIRING

- Move the safety of the air rifle to the SAFE-OFF position
- Pull trigger to fire
- Repeat the Cocking, Loading and Aiming Process to continue shooting

### **! WARNING:**

NEVER SHOOT AT HARD SURFACES OR INTO WATER WHICH MAY CAUSE THE PROJECTILE TO RICOCHET (BOUNCE OFF), UNINTENDEDLY HITTING SOMETHING OR SOMEONE CAUSING DAMAGE TO PROPERTY AND RISKS OF SERIOUS INJURY OR DEATH.

### QUICK STEPS FOR SHOOTING

Ensure proper understanding of the procedures detailed above and in previous pages before using the quick steps below for shooting with this air rifle.

- Cock air rifle (automatically set to SAFE-ON position)
- Load
- Close barrel
- Aim at a safe target
- Disengage the safety (set to Safe-Off position)
- Fire



## SCOPE ADJUSTMENT

Your OmniStorm air rifle comes with the scope unmounted. To sight in your rifle, remove the caps covering the windage and elevation adjustment knobs.

**WINDAGE ADJUSTMENT:** Turn the windage adjustment screw clockwise to move the point of impact left and counter-clockwise to move the point of impact to the right.

**ELEVATION ADJUSTMENT:** Turn the elevation screw clockwise to lower the point of impact and counterclockwise to raise the point of impact.

## SIGHT ADJUSTMENT

The Air Venturi OmniStorm is equipped with an adjustable rear sight, with windage (horizontal) and elevation (vertical) adjustments.

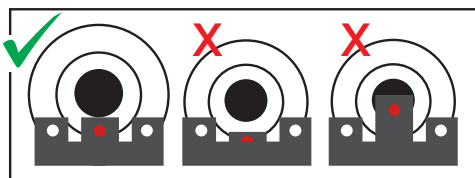


### Elevation Adjustment:

If the rifle shoots high: turn the adjustment wheel clockwise. If the rifle shoots low: turn the wheel counterclockwise.

### Windage Adjustment:

If the rifle shoots left of your target, loosen the windage screw with a phillips head screwdriver and adjust the fiber optic carrier to the right. If the rifle shoots right of your target, loosen the windage screw with a phillips head screwdriver and adjust the fiber optic carrier to the left. ALWAYS tighten the phillips head screw completely before shooting the rifle.



## ADJUSTING THE OMNIPISTON

Your OmniStorm air rifle ships from the factory with pressure in it. If you want to adjust the pressure in the OmniPiston to increase or decrease the output power of the air rifle, follow the steps below.

1) Remove the protective cap (Fig. 3) and thread the end of the OmniTuner hose onto the fill port (Fig. 3a). DO NOT thread the hose on until it cannot be turned further, instead, thread it on and leave 1-2 turns BEFORE it becomes tight.

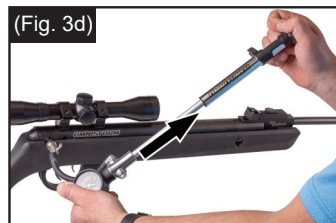
2) With the OmniTuner connected and appropriately threaded onto the fill port, depress the valve engagement lever to engage the valve (Fig. 3b). The hose will pressurize and the gauge will show the pressure that is currently in the OmniPiston.

*If the hose and gauge do not pressurize, it is likely that the hose is not threaded on far enough. Release the valve engagement lever, thread the hose further onto the fill port and depress the lever again.*

3) **To lower the pressure:** Depress the bleed valve on the pump (Fig. 3c). This will release a small amount of pressure. It may take many depressions of the bleed valve button to lower the pressure to your desired setting.

**To increase the pressure:** Extend the pump arm to its maximum extension (Fig 3d), then slowly depress the pump arm (Fig. 3e). Repeat this process until you've reached your desired pressure setting.\*

*\*Pump slowly for accurate pressure readings on your OmniTuner gauge. Fast pumping can generate heat and show a higher than actual pressure. Also, a slight pressure drop is normal when bleeding and detaching the hose.*



## ADJUSTING THE OMNIPISTON

4) Once you've reached the desired pressure setting, disengage the valve engagement lever (Fig. 3f). After the lever is disengaged, depress the bleed valve on the pump to release the remaining pressure in the hose (Fig. 3g). It may take many depressions of the bleed valve button to release all of the pressure.



5) Once the pressure gauge reads 0, unscrew the hose by turning the threaded fitting counter-clockwise (Fig. 3h). Once the hose has been removed, replace the protective cap (Fig. 3i).



**⚠ WARNING:** THIS AIR GUN IS DESIGNED FOR USE AT MAXIMUM PRESSURE 600 PSI (41 BAR). DO NOT FILL PAST THE MAXIMUM PRESSURE.

**⚠ IMPORTANT** THE FILL PRESSURE AND COCKING EFFORT ARE DIRECTLY CORRELATED, MEANING INCREASING THE FILL PRESSURE WILL INCREASE THE COCKING EFFORT. DECREASING THE FILL PRESSURE WILL REDUCE THE COCKING EFFORT.



**⚠ IMPORTANT** OPERATING THE OMNISTORM WITH TOO LITTLE PRESSURE IN THE OMNIPISTON CAN RESULT IN PELLETS GETTING STUCK IN THE BARREL. TO AVOID THIS, A MINIMUM PRESSURE OF 217 PSI / 15 BAR IS RECOMMENDED.



## DEGASSING THE OMNIPISTON

1) To degas your OmniPiston, remove the protective cap from the tuning port to expose the valve pin.



2) Using an allen key or similarly sized object, depress the valve pin until the pressure is released. Hold the pin in the depressed position until you no longer hear air venting.



### **⚠ IMPORTANT**

YOU AND OTHERS WITH YOU SHOULD ALWAYS WEAR SAFETY GLASSES TO PROTECT YOUR EYES. READ ALL INSTRUCTIONS BEFORE USING.



## **MAINTENANCE**

**To ensure your air rifle lasts longer and is always in top performance and working condition, general routine care is required.**

### **LUBRICATION**

- Periodic application of moly paste to the pivoting barrel hinges (every 250 shots) will ensure proper function.
- To clean the rifle barrel, always open the barrel in the same way as when loading it. Use the appropriate caliber cleaning rod, rod tip, patches and bore brush with gun solvent to clean it. A solvent that is safe to use with rubber and polymer is best, but always ensure that the breech seal does not come into prolonged contact with the solvent you use.
- NEVER PUT ANY OIL INSIDE THE BARREL OR THE BREECH. THIS CAN CAUSE IRREPARABLE DAMAGE TO YOUR RIFLE AND SERIOUS HARM TO YOU OR OTHER PEOPLE.

### **GENERAL INSPECTION**

- Periodically check and tighten stock screws and scope mounts.
- If you dropped your air rifle, visually and mechanically check to see that no damage has occurred that may affect mechanical function of air rifle. If damage does occur, please contact your nearest Air Venturi service center for professional inspection.

### **STORAGE**

- Store the air rifle uncocked, unloaded and set to SAFE-ON position.
- Clean your air rifle of any moisture or oils before storing. Always store in a dry location.
- Periodically, clean the outside metal parts with oil to prevent rusting.

## WARRANTY

Your Air Venturi OmniStorm air rifle is manufactured to the highest standards, using quality materials to give a lifetime of service. In the unlikely event there are any defects in materials or workmanship in the first 12 months after retail purchase, we will repair or replace your airgun under warranty. Keep your original purchase receipt to obtain warranty repairs.

What is covered: Replacement parts and labor. Transportation charges to consumer for return of repaired product.

### **The warranty will be invalid if:**

- The airgun has been disassembled and incorrectly reassembled.
- The airgun is found to have lubrication not recommended by Air Venturi.
- The airgun has been fitted with non-Air Venturi parts.
- The airgun has been misused or abused.
- The original purchase receipt cannot be presented.

### **The warranty does NOT cover:**

- O-rings, screws, seals, springs or stocks.
- Any damages or faults caused by owner misuse or action.
- Shipment damage of the airgun to or from Air Venturi.
- Transportation charges to Air Venturi for defective products.
- Damages caused by abuse or failure to perform normal maintenance.
- Parts subject to normal wear and tear.
- Consequential damages, incidental damages or incidental expenses including damage to property.
- Any other expense.

Note: Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

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 30 days of purchase. Retain your sales receipt as proof of purchase.

Warranty claims for U.S. and Canadian Customers: Call Air Venturi at 216-220-1180 before returning any product.

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.

Note: Some states do not allow limitations on how long an implied warranty lasts, so the above limitation 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 also have other rights which vary from state to state and country to country.

## NOTES

[illegible]



**AIR VENTURI®**

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