



LIGHT HUNTER RECLUSE DRAGON CLAW

User Instruction Manual



Fill Pressure: 206 bar (approx. 3,000 psi)

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Troubleshooting

Do not use this rifle until you have read and understood this owner's manual.

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

Air Venturi service line: 216-220-1180

Maintenance

Clean your rifle's exterior with a good-quality silicone product. Apply the silicone to a lint-free cloth and then wipe down the rifle's exterior.

- Do **NOT** leave the air fill hole exposed. Always rotate the protective cover when not filling the gun with air.
- Do **NOT** rely solely on the safety to provide guaranteed safety. *YOU are the ultimate safety for your gun.*
- Do **NOT** leave pellets loaded in the breech of the rifle. Always remove ammunition from the rifle when you're done shooting.
- Do **NOT** quickly fill the rifle with high-pressure air. If it's charged too quickly, it can dislodge the valve from its seat, cause excess heat buildup and give inaccurate pressure readings.
- Do **NOT** fill the rifle beyond the fill pressure stated on the front of this manual. Overfilling the gun could be dangerous, damage the rifle, deliver substandard performance and cause it to malfunction.
- Do **NOT** use mineral-based oils or greases.
- Do **NOT** use petroleum-based oils or greases.

Use only silicone grease (available in dive shops) on the o-rings. Any other lubricants will void your warranty, may damage your gun and could be dangerous (cause an explosion).

Rules of safe shooting

- Never point a gun at a person, even if you think the gun is unloaded.
- Even if you think a gun is unloaded, never point a gun at anything or an animal unless you intend to shoot it.
- The shooter and everyone in the vicinity should wear safety glasses and hearing protection when shooting **and** filling guns with high-pressure air.
- Always keep your gun on **SAFE** until you're ready to shoot safely.
- Always keep your finger off the trigger until the moment you're ready to shoot.
- Always use a safe backstop in a safe location in case the backstop should fail, you miss the backstop or pellets pass through the backstop.
- Never load your gun until you're ready to shoot and it's safe to do so.
- Never shoot at hard surfaces, water or anything else that may cause a ricochet.
- Always make sure a gun is on **SAFE** and unloaded when receiving a gun or giving a gun to someone else. Many accidents are caused by people handling guns that they thought were **unloaded and safe**!
- Never put away a gun loaded or cocked. It is, however, recommended that you store your Sam Yang air rifle with at least 1,000 psi of high-pressure air.
- Always be sure of your target and what lies beyond it in case you miss.
- Never reuse ammunition.
- Always use the correct caliber ammunition that's suitable for your gun.
- **Never rely solely on the safety. YOU are the most important safety feature!**
- Always treat a gun as if it's 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 may void the warranty.

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



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.

Safety

Point your rifle in a safe direction at all times.

The cross-bolt safety is the small bolt located directly behind the trigger. This bolt is marked with a red ring on the left side of the gun.

Safety on: Push the bolt completely to the right so the red ring is not visible. The gun is now on safe.

Safety off: Push the bolt to the left from the right side of the gun so the red ring appears. The gun is now off the safety. This allows the trigger to be pulled and the gun to be fired.



Safety on



Safety off

TIP: To become familiar with the safety, practice putting it on and off several times.

The trigger is non-adjustable.

WARNING:

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

Installing cocking bolt

Point your rifle in a safe direction at all times.

With the rifle's safety disengaged and the front sight on your left, insert a 1/4-inch **hex key or screwdriver into the cutout in the hammer tube (right side of receiver).**

Push the hammer back to the first click (low-power position—see “Cocking/uncocking your rifle” on page 10).

Insert the cocking bolt and line up its opening with the screw hole in the hammer. With a No. 2 Philips screwdriver, install the included 4mm screw. Tighten securely.

Filling Your Rifle

⚠ WARNING: FILL YOUR PCP AIRGUN USING COMPRESSED AIR OR NITROGEN GAS ONLY. USE OF OTHER GASES, INCLUDING OXYGEN, CAN CAUSE A FIRE OR EXPLOSION THAT MAY RESULT IN PROPERTY DAMAGE, SERIOUS INJURY OR DEATH. FILLING WITH ANYTHING OTHER THAN AIR OR NITROGEN IS DANGEROUS AND WILL VOID YOUR WARRANTY.

⚠ WARNING: DO NOT EXCEED THE MAXIMUM FILL PRESSURE OF 206 BAR/3,000 PSI AT ROOM TEMPERATURE.

⚠ DANGER



Danger of explosion!

Overfilled compressed air cylinder

CAUTION: NEVER FILL YOUR AIRGUN OVER 206 BAR / 3,000 PSI. THIS IS DANGEROUS AND WILL VOID THE WARRANTY. In an over-filled condition (above 206 bar/3,000 psi), the rifle may fire at a much lower velocity.

- 1 - Remove the magnetic dust cover on the male quick disconnect fitting by pulling up on it.
- 2 - Attach your female quick disconnect fitting on your fill device to the male connection on the rifle. Make sure the collar on the female fitting is in the forward, locked position. Check this by trying to pull the fitting off of the gun to make sure it is locked in.
- 3 - If you are filling the rifle from empty, cock the rifle before beginning to fill.
- 4 - Close the bleed valve on the fill device and begin filling the rifle slowly. Filling the rifle too fast can cause excess heat buildup which can give inaccurate pressure readings.
- 5 - If filling from a tank, once the desired fill pressure is reached, close the main valve on the tank and bleed the line. From a pump, simply bleed the line when the desired fill pressure is reached.



CAUTION: DO NOT FILL PAST 206 BAR/3,000 PSI

- 6 - After the pressure in the line is bled, disconnect the female fitting from your fill device by pulling back on the collar and pulling it away from the rifle. Replace the magnetic dust cover on the male fitting to keep dust and debris out of the rifle.

Uncocking/cocking

Before proceeding, point your rifle in a safe direction.

Uncocking: With your rifle pointed in a safe direction, draw the bolt rearward—slightly past its stopping point so you feel some resistance. Still holding the bolt handle securely, pull the trigger. You will feel the bolt handle pull in the direction away from the trigger. Gently ease the bolt toward the closed position. Pull the trigger to confirm the rifle is not in firing mode. **NOTE: Your big bore air rifle will not be harmed if you dry-fire it.**



Cocking: Your rifle has two (2) cocking positions—low power and high power. Disengage the safety. Cocking lever will not pull back the hammer if the safety is on. Grab the cocking handle. Draw the bolt rearward until you hear it engage at the first click. The bolt should be positioned roughly an inch from being fully engaged. This is for low-power shooting. Continue to draw the bolt rearward completely. You will hear the second click. The bolt should now be positioned at the end of the slot. **This is for high-power shooting. Engage the safety before loading a projectile.**

Sight adjustment



Front sight: The front sight is a blade and is fixed. All adjustments must be made to the rear sight.

Rear sight is removable for easier mounting of optics.



Removable rear sight: Point your rifle in a safe direction at all times.

Elevation adjustment

To correct a gun that shoots high, turn the rear sight elevation screw clockwise to lower the leaf. To correct a gun that shoots low, turn the rear sight elevation screw counterclockwise to raise the leaf.

Windage adjustment

To correct a gun that shoots to the right, turn the rear sight windage screw counterclockwise to move the blade to the left. To correct a gun that shoots to the left, turn the rear sight windage screw clockwise to move the blade to the right.

Always use the same aim point during rear sight adjustments regardless of the point of impact. Shoot at least five pellets between adjustments, using the average of the group for reference.

Loading your rifle

Point your rifle in a safe direction at all times. Slide open the breech cover to expose the barrel. Insert the pellet or bullet completely into the barrel. Close the breech cover completely.



Slide open the breech cover



Insert the projectile



Push the projectile into the barrel



Do not inhale dust from lead projectiles or put them in your 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).

Use the correct pellet size for your Sam Yang big bore air rifle model. Never reuse pellets. The use of any other kind of ammunition may cause injury to you or damage to your rifle.

Cleaning the barrel

If your groups are off, the barrel probably needs cleaning. **Before proceeding, point your rifle in a safe direction.**

Engage the safety. Open the breech cover. Do not clean the barrel while it's charged. Completely empty the rifle's air reservoir by dry-firing it in a safe direction. It's best to clean the rifle when the air pressure is already low so you won't have much air to discharge.

With the breech cover opened, insert the tip of the cleaning rod to completely run through the end of the barrel. Do not use a wooden dowel as a cleaning rod. A broken rod in the barrel is extremely difficult to remove. It's best to use a coated metal rod designed for cleaning airguns.

Saturate cloth patches with cleaning fluids or lubricants designed for airgun barrels. Push the saturated cloth patch through the muzzle with the cleaning rod until the patch exits at the breech. There's no need to over-clean the barrel. Swab the bore with cloth patches until the last one comes out clean. Use only cleaning agents suited for airguns. Never use steel brushes. You may use brass or bronze brushes.

Clearing a jammed pellet/bullet

Before proceeding, point your rifle in a safe direction.

Set the safety. Open the breech cover. Use a coated metal rod designed for cleaning rifles to clear the barrel. Push it through from the muzzle to the breech. The jammed projectile should come out.

Air Bolt *(.50 caliber Dragon Claw)*

The Air Bolt has the ability to transform your .50 caliber air rifle into an arrow shooting rifle.

Note: The Air Bolts are 23" in length. Be sure you have at least 1" of clearance between the end of your barrel and the end of the bolt.

⚠ WARNING: NOT A TOY. ADULT SUPERVISION REQUIRED. ALWAYS KEEP AIRGUNS AND BOLTS FROM REACH OF CHILDREN. MISUSE OR CARELESS USE MAY RESULT IN SERIOUS INJURY OR DEATH.

- **ALWAYS** know your state and local laws concerning the use of the Air Bolt.
- **ALWAYS** keep your face and body parts away from the Air Bolt's broadhead or field tip.
- **ALWAYS** keep your hands clear of the broadhead or field tip when loading or removing an Air Bolt.
- **NEVER** attempt to shoot a damaged bolt.

Before Shooting the Air Bolt:

1. Carefully inspect the bolt before using. Impact with other bolts, hard objects or game can cause damage to the bolts. To properly check for damage to a bolt, flex the bolt while looking for visible cracks or splits in the carbon fiber. To flex the bolt, grip it firmly with both hands. One hand near the point and the other hand near to rear of the shaft. Twist, flex and squeeze the shaft while looking for splits or cracks and listen for any cracking sounds. Do this gently! **NEVER** attempt to shoot a damaged bolt.

2. Clean your barrel thoroughly! Any lead in the barrel will get picked up by the vanes on the Air Bolt. This can affect accuracy of the Air Bolt and the lifespan of the vanes. Clean with either a brush or patches to remove as much lead build up as possible. We recommend cleaning with a solvent or lube to help break up the lead deposits to ease cleaning. Once clean, be sure to remove any excess lube or solvent in the barrel with dry patches or swabs.

3. Once your barrel is clean and dry, lube the vanes of the Air Bolt and the o-ring on the nock using silicone grease or lube. This will prolong the life of the vanes and the o-ring.

Loading the Air Bolt:

1. The bolts are loaded from the muzzle. Line up the nock with the muzzle of your rifle.

- **CAUTION:** Always keep your face, hands and other body parts clear of the broadhead or field tip when loading a bolt.

2. Once aligned, carefully fold the vanes clockwise as you push the nock into the bore. This will ensure the vanes do not get damaged when loading. (See image 1)

3. Continue pushing the bolt straight down. You will feel it twist with the rifling of the barrel. You will know the bolt is fully inserted when you cannot push any further. The bolt will feel locked in. Only the field tip will protrude from the end of the muzzle (See image 2).

4. You are now ready to shoot the Air Bolt!

- Should you wish to remove the Air Bolt from the barrel without firing it, decock your rifle (if cocked). The Bolt must be pulled from the barrel. **CAUTION:** Always keep your face, hands and other body parts clear of the broadhead or field tip when removing a bolt.



Air Bolt (.35 caliber Recluse)

The Air Bolt has the ability to transform your .35 caliber air rifle into an arrow shooting rifle.

! WARNING: NOT A TOY. ADULT SUPERVISION REQUIRED. ALWAYS KEEP AIRGUNS AND BOLTS FROM REACH OF CHILDREN. MISUSE OR CARELESS USE MAY RESULT IN SERIOUS INJURY OR DEATH.

- ALWAYS know your state and local laws concerning the use of the Air Bolt.
- ALWAYS keep your face and body parts away from the Air Bolt's broadhead or field tip.
- ALWAYS keep your hands clear of the broadhead or field tip when loading or removing an Air Bolt.
- NEVER attempt to shoot a damaged bolt.

Before Shooting the Air Bolt:

1. Carefully inspect the bolt before using. Impact with other bolts, hard objects or game can cause damage to the bolts. To properly check for damage to a bolt, flex the bolt while looking for visible cracks or splits in the carbon fiber. To flex the bolt, grip it firmly with both hands. One hand near the point and the other hand near to rear of the shaft. Twist, flex and squeeze the shaft while looking for splits or cracks and listen for any cracking sounds. Do this gently! **NEVER** attempt to shoot a damaged bolt.

2. Clean your barrel thoroughly! Any lead in the barrel will get picked up by the stabilizer on the Air Bolt. This can affect accuracy and lifespan of the Air Bolt. Clean with either a brush or patches to remove as much lead build up as possible. We recommend cleaning with a solvent or lube to help break up the lead deposits to ease cleaning. Once clean, be sure to remove any excess lube or solvent in the barrel with dry patches or swabs.

3. Once your barrel is clean and dry, lube the o-ring on the nock using silicone grease / lube. This will prolong the life of the o-ring.

Loading the Air Bolt:

1. The bolts are loaded from the muzzle. Line up the nock with the muzzle of your rifle (See image 1).

- **CAUTION:** Always keep your face, hands and other body parts clear of the broadhead or field tip when loading a bolt.

2. Once aligned, carefully push the nock into the bore. The Air Venturi Broadhead Wrench is recommended to aid in this process (See image 2).

3. When loading into rifles with shrouded barrels, it may be necessary to push the bolt using a dowel rod or the nock end of another Air Bolt to fully seat the bolt into the barrel (See image 3).

- **CAUTION:** The use of broadheads is not recommended in shrouded rifles.

4. Continue pushing the bolt straight down. You will feel it twist with the rifling of the barrel. You will know the bolt is fully inserted when you cannot push any further. The bolt will feel locked in (See image 4).

5. You are now ready to shoot the Air Bolt!



One-year limited warranty

Sam Yang rifles are manufactured to the highest possible standards, using the finest materials. In the unlikely event of a defect in materials or workmanship in the first twelve (12) months after retail purchase, we'll repair or replace the rifle under warranty. Warranty is transferable.

What is covered:

Replacement parts and labor. Transportation charges to consumer for repaired product.

What is NOT covered:

- Transportation charges to Air Venturi for defective products.
- Damages caused by abuse, failure to perform normal maintenance or over-pressurization
- Any other expense.
- Parts subject to normal wear and tear.
- Consequential damages, incidental damages or incidental expenses including damage to property.

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.

Warranty claims:

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.

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

The warranty shall be invalid if the rifle:

- Has been disassembled and incorrectly reassembled
- Is found to have lubrication not recommended by Sam Yang
- Has been fitted with non-Sam Yang parts
- Has been misused or abused

The warranty shall 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. Retain your sales receipt as proof of purchase, as no warranty service will be provided without it.

WARNINGS:

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

Do not inhale dust from lead pellets or put lead pellets in your 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).

Use only dry, filtered compressed air in this gun. Use no other gas, including oxygen, which can cause a fire or explosion that may result in serious injury or death.

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

Keep your finger off the trigger while cocking the air rifle.

Use the correct pellet size for your rifle model. Never reuse pellets. The use of any other kind of ammunition can cause injury to you or damage to your rifle.

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

Never leave or store your airgun loaded.

Use diver's silicone grease in your gun. Any other type of grease will void warranty.



Do NOT exceed maximum fill pressure of 206 bar/3000 psi at room temperature!

Use only compressed air in this airgun. Use no other gases—including oxygen, which can cause a fire or explosion that may result in serious injury or death.

Disconnecting the fill hose from the airgun without bleeding the air first may result in injury from hose whip as a result of pressure in the fill hose.

Do not attempt to repair the airgun or to disassemble to correct an overfill or valve lock. Parts can fly from the airgun at dangerous speeds when it is disassembled while pressurized.

When filling the compressed air cylinder, the compressed air must NOT contain oil, water or any other contaminant.

Compressed air cylinders must NEVER be opened or modified mechanically by unauthorized specialists.

The compressed air cylinder must be protected from forceful impacts.

Compressed air cylinders are **NOT** intended for transport of other gases.

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