



Talon Bolt Arrow Rifle Safety & Operation Manual



WARNING

This airgun is recommended for adult use only. Careless use may result in serious injury or accidental death.

This arrow rifle should only be used by responsible persons 18 years or older.

Use approved arrows or bolts only.

**READ ALL INSTRUCTIONS
AND WARNINGS BEFORE
USING THIS AIRGUN.**

⚠ WARNING: This arrow rifle is not a toy and can cause serious injury or death.

⚠ CAUTION: The arrow rifle should be used only by adults or under adult supervision.

NOTICE: Always wear eye and ear protection when using this arrow rifle. This includes people in the immediate vicinity.

⚠ WARNING: Always assume the arrow rifle is loaded. Never leave the arrow rifle loaded if it is not going to be used.

⚠ WARNING: Always point the arrow rifle in a safe direction and be aware of the backstop.

⚠ WARNING: Do not point at anything you do not intend to shoot.

⚠ WARNING: Do not fire at a target that allows ricochets or deflections. Do not fire into or at water.

NOTICE: Be certain that each arrow you use is undamaged and in good condition.

⚠ CAUTION: Store the arrow gun (unloaded) and arrows in separate, safe places, out of reach of children.

⚠ WARNING: Do not walk, jump or run when carrying a loaded arrow rifle. Keep your fingers away from the trigger and do not load the rifle until you are ready to fire.

⚠ CAUTION: Unload the arrow rifle before putting it in a vehicle.

NOTICE: Do not remove from its case or show the arrow rifle in public.

NOTICE: Buyer and user have the duty to obey all laws about the use and ownership of this arrow rifle.

⚠ WARNING: Anytime you carry or transport an airgun or arrow rifle, make sure the safety is on and the gun is unloaded. Under no circumstances carry or transport when loaded.

⚠ WARNING: Do not fill the air cylinder above 140 BAR /2000 PSI.

⚠ WARNING: Only use dry-filtered, compressed air or nitrogen to fill the air cylinder. Never use other gases such as oxygen, acetylene, hydrogen, etc.

NOTICE: It is recommended that you have the air tank visually inspected every 3 years.

FAILURE TO OBSERVE THE ABOVE WARNINGS & CAUTIONS CAN RESULT IN DAMAGE TO YOUR ARROW RIFLE, ACCIDENTAL DEATH OR SERIOUS INJURY. SAFE SHOOTING IS EVERYONE'S RESPONSIBILITY

For repairs contact the manufacturer. You will be given instructions how to return the airgun to the factory or other authorized repair station.

AirForce Airguns

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Use of Air With the Arrow Rifle

AirForce arrow rifles are designed for use with clean, dry compressed air, nitrogen, or carbon dioxide. The maximum fill pressure is 2,000 pounds per square inch (psi), which is 140 bar.

Safety First!

Any gun is dangerous when handled improperly, including an airgun. AirForce airguns are especially powerful, so they must be taken seriously at all times. Review the safety rules on the preceding page, plus the special warnings, cautions and notices that appear throughout this manual.

Airgun Safety

Airguns are unique because the gun provides the power for the shot—not the ammunition. NEVER put anything onto the barrel of this airgun except AirForce Bolts.

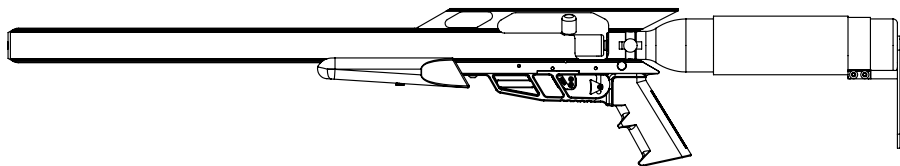
Three Important Rules

1. Always point the muzzle in a direction that will not cause injury or property damage if the gun discharges.
2. Keep your finger off the trigger until you are ready to shoot.
3. Don't load the gun until you are ready to shoot.

NOTICE: READ THIS MANUAL ENTIRELY BEFORE CHARGING OR USING YOUR AIRGUN

Specifications

Talon Bolt



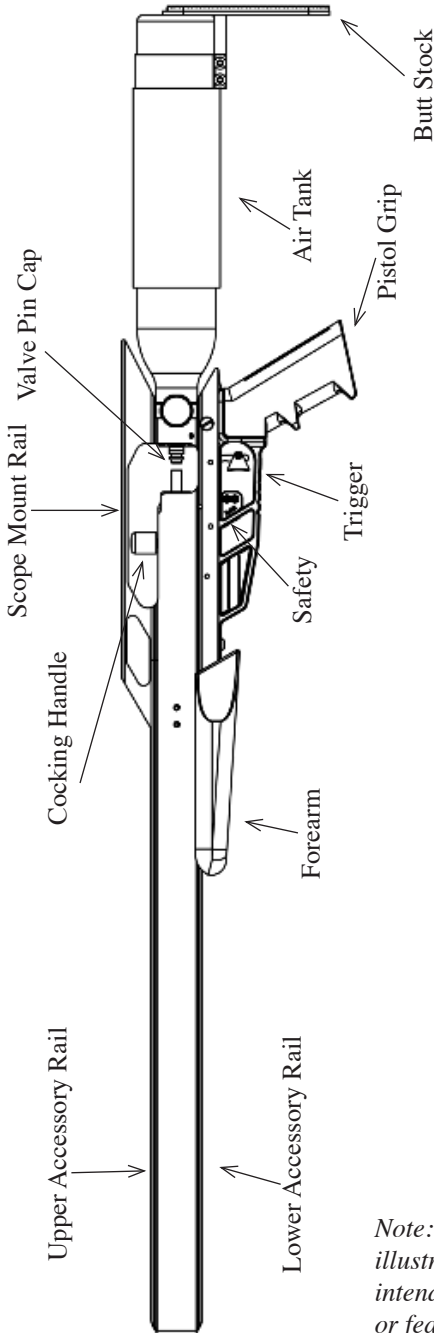
Power Adjustment.....	User adjustable
Max Fill Pressure	2000 psi
Action.....	Single shot
Weight	5.3 lbs
Length	40 inches
Barrel.....	26 inches
Trigger.....	2 stage, adjustable for position
Safety	Automatic on cocking
Air Tank Volume	490cc
Sights.....	Open or optical may be installed
Shots per Fill	6 - 10

Note: Line drawings above are illustrative of model only and not intended to be accurate for scale or features.



WARNING: ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION

Nomenclature

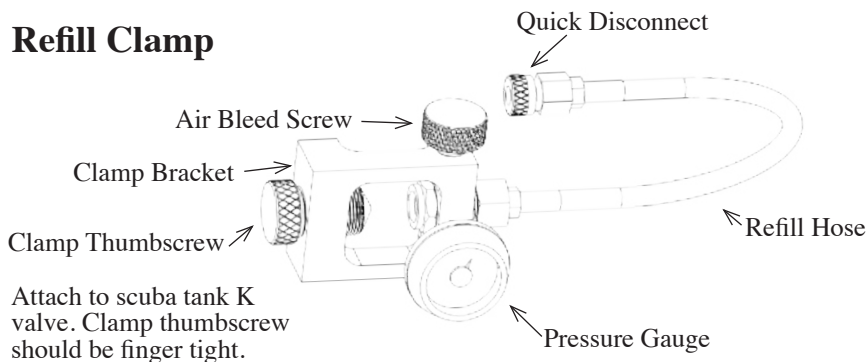


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Filling/Attaching the Air Tank *Standard Quick Detach Tank System*

Refill Clamp



Attach to scuba tank K valve. Clamp thumbscrew should be finger tight.

If you fill from a scuba tank that has a K-valve, the AirForce refill clamp is the way to connect your air tank. The square clamp bracket attaches to the K-valve and mates with the O-ring in the scuba tank valve. Once the refill clamp is attached to the scuba tank, close the bleed screw and attach the air tank to the quick disconnect.

Filling from a scuba tank

With the clamp bracket attached to the scuba tank and the rifle's air tank attached to the quick disconnect, open the scuba tank valve very slowly. Allow at least one minute for the tank to fill, which you can watch on the gauge. Do not exceed 2,000 pounds per square inch/140 bar. When the fill is complete, close the scuba tank valve.

To disconnect the air tank, open the bleed screw. This allows the high pressure air inside the clamp bracket to exhaust, making it possible to remove the quick disconnect from the air tank.

Leave the refill clamp on the scuba tank or put it in a box. Either way, keep the clamp assembly as clean as possible.



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Filling/Attaching the Air Tank *Spin-Loc® Tank System*

⚠ WARNING: Make sure air rifle is unloaded before installing or removing Spin-Loc Sleeve.

CAUTION: Frame must be equipped with Spin-Loc system to install Spin-Loc tanks.

Slide the air tank into the rear of the frame. See FIGURE 1.

Screw the Spin-Loc Sleeve onto the air tank until it is hand tight. Make sure that the Set Screw is loose and allows the Spin-Loc Sleeve to turn freely. See FIGURE 2.

Use the Spin-Loc Wrench to tighten the air tank in place. Use CARE so you will not scratch your aluminum Frame. See FIGURE 2.

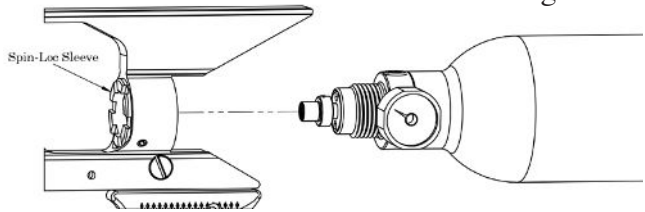


Figure 1

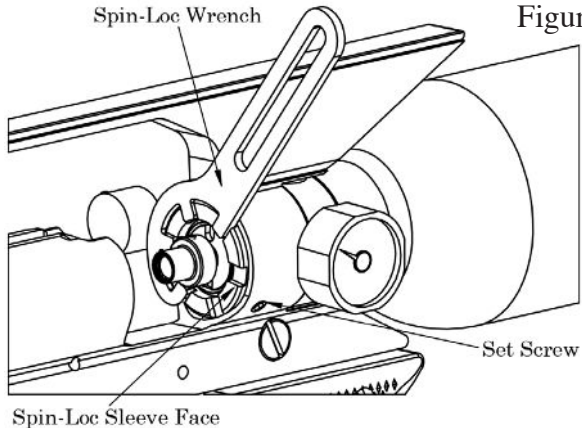


Figure 2

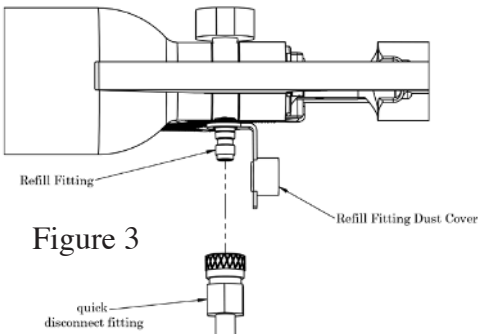


Figure 3

To refill your Spin-Loc Tank, attach the quick disconnect to the refill fitting. See FIGURE 3.



WARNING

Make sure the gun is unloaded and tank removed before performing any maintenance or modifications.

Make sure tank is completely empty.

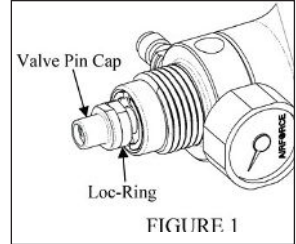
Make sure the gun is not cocked.

Always keep the muzzle pointed in a safe direction.

Replacing the RING-LOC™ Valve Pin Cap.

Step 1. Move the Bolt to the cocked position, opening the loading area. SEE FIGURE 2

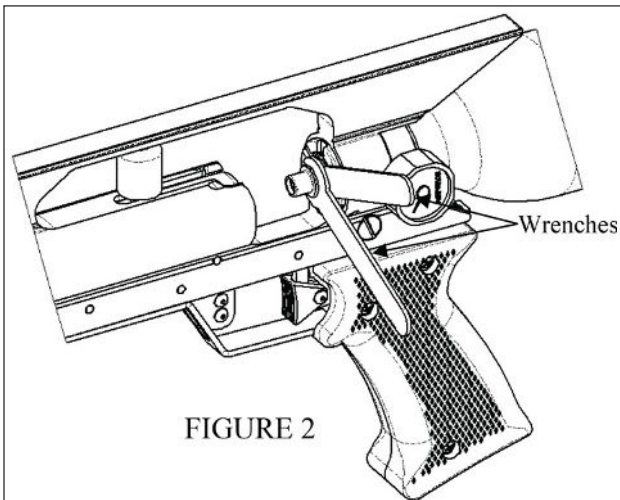
Step 2. Using the Wrenches, loosen the Valve Pin Cap from the Loc-Ring. Try to leave the Loc-Ring in its original position. Once loosened, the Valve Pin Cap should easily unthread and allow you to install the new Valve Pin Cap.



NOTE: While the Valve Pin Cap is off, inspect the O-Ring and replace if necessary.

Step 3. After installing the new Valve Pin Cap, use the Wrenches to tighten the Valve Pin Cap and Loc-Ring.

Step 4. Check the position of the Valve Pin Cap to the Cocking Bolt, and adjust if necessary.

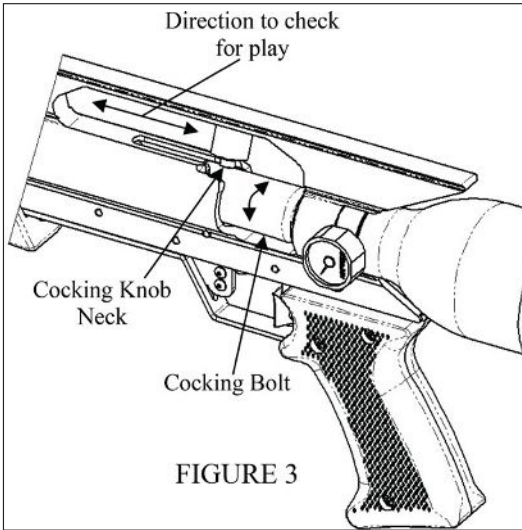




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Adjustment of the RING-LOC™ Valve Pin Cap and Loc-Ring.

Step 1. Pull the Cocking Bolt to the rear, over on the Valve Pin Cap.
SEE FIGURE 3



Step 2. Rotate the Cocking Bolt to either side of the gun. The Cocking Knob Neck has to clear the narrow channel in the frame, slipping into the widened area of the channel.

Step 3. With a charge of air in the tank to provide proper resistance, try moving the Cocking Bolt forward against the Frame and back against the Valve Pin Cap. If there is any perceived play, loosen the Loc-Ring and unthread the Valve Pin Cap 1/8th turn at a time, until the play disappears.

NOTE: Make sure the Valve Pin Cap & Loc-Ring is seated after adjustments have been made.



WARNING

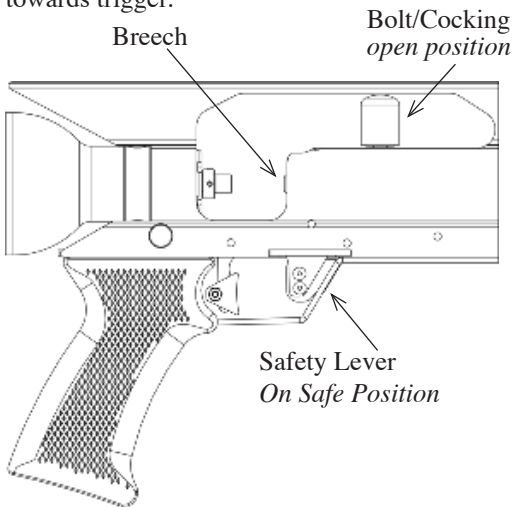
**READ ALL INSTRUCTIONS AND
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THIS AIRGUN.**

NOTICE: READ THIS MANUAL ENTIRELY BEFORE CHARGING OR USING YOUR AIRGUN

Cocking, uncocking, loading, firing

⚠ WARNING: Before loading your airgun, make sure the safety is in the On Safe position and the muzzle is pointed in a safe direction.

Manually move the safety to the On Safe position by sliding safety lever back towards trigger.

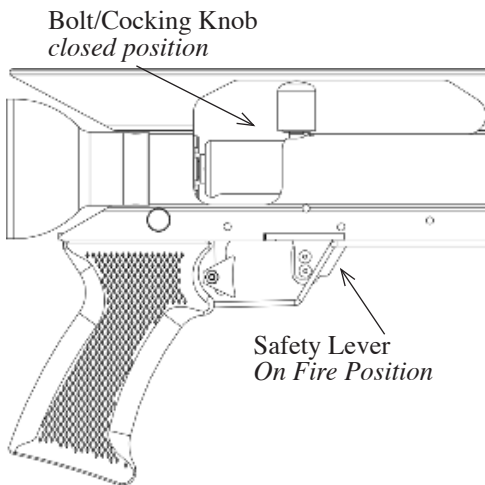


To load an arrow, slide the arrow over the barrel until it stops. The point/arrowhead should still be visible.

To cock the rifle, push forward on the cocking knob until the bolt is held in the open position.

After loading, slide the bolt all the way back and rotate it into either notch at the rear of the cocking slot. This indicates the bolt is all the way back.

To fire, take aim, slide the safety to the On Fire position and squeeze the trigger until the rifle discharges.



⚠ WARNING: Do not move the safety to the On Fire position unless the air gun is pointed in a safe direction. Safe means that if the gun discharged it would not cause injury or property damage. Mechanical safeties are not infallible and do not replace the need for responsible gun handling practices.



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Operational Tips

Removing or disabling the safety mechanism

Disabling or removing any of the safety parts can disable the rifle and will void the warranty and will create a hazardous condition.

Modifications to the valve

The valve in the AirForce rifle is not a user-maintainable item. Any attempt to remove or modify the valve in any way will void the warranty and may create a hazardous condition.

Filling the air tank with a gas other than clean dry compressed air or nitrogen

This practice is not recommended and voids the warranty for the rifle.

Maintenance of the Air Tank and Care During Shipping

The arrow rifle has an air tank pressurized to 2,000 psi when full. This tank is designed to be filled at all times. You can leave it pressurized to 2,000 psi indefinitely.

Safe Shooting

All AirForce airguns are extremely powerful and should always be used with a safe backdrop. If you are shooting paper targets, we recommend you use a trap that will stop an arrow traveling up to 500 fps.

Never point the muzzle of the rifle at anything you do not intend to shoot. Make this a habit, so you handle an empty airgun the same way all the time. If you handle all guns this way, you will protect yourself and others if there should be an accidental discharge at some time.

**NOTICE: READ THIS MANUAL ENTIRELY BEFORE
CHARGING OR USING YOUR AIRGUN**

Troubleshooting

Gun fails to fire when the trigger is pulled

Is the gun cocked?

Has the safety been taken off?

Is the removable air tank installed?

Is the tank filled with air?

Is anything blocking the valve or the bolt?

Was the bolt closed and rotated to one side before firing?

Is the air tank overfilled, causing valve lock?

Air is leaking from the tank

Install the air tank on the rifle and fire several times without a pellet. If air continues to leak after this has been tried, it will have to be repaired at the factory.

Gun fires but arrow remains on the barrel

Is the air tank filled?

Is the barrel free from obstructions?

Was the bolt closed and turned to one side when you fired?

Gun fires with widely varying velocity

Are the bolts/arrows from AirForce Airguns?

Is the air tank filled to 2,000 psi?



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Troubleshooting

Air leaks from the refill clamp when filling the air tank

Is the refill clamp bleed valve closed?

Is the refill clamp fitted squarely to the O-ring in the scuba tank K-valve?

Is the refill clamp thumbscrew tight?

The hand pump doesn't seem to fill the air tank

Is the tank screwed tightly to the adapter on the pump?

Are all the adapter seals installed?

Is the brass bleed screw on the pump base closed?

It can be difficult to determine that the hand pump is filling the air tank when the tank is empty. Air tanks are shipped empty to comply with the law. An empty air tank doesn't SEEM to be filling when you pump the pump. Actually it takes about 75 pump strokes before you notice that the needle on the pump's gauge is slightly above zero. Once the tanks starts to register a charge, you will notice that it takes 14 or 15 pump strokes to raise the tank pressure by 100 psi. That's true at all pressure levels.

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AirForce Warranty for Airguns Sold in the United States

Mailing the enclosed warranty card within 60 days of purchase entitles the original buyer to a warranty covering defects in material and workmanship for the life of the airgun. Any AirForce airgun covered by this warranty will be repaired or replaced at the discretion of AirForce, should a defect in material or workmanship be found.

Normal wear parts such as O-rings and seals, are not covered.

Repairs may only be made by the factory or an authorized service station. This lifetime warranty becomes invalid for any gun that is disassembled or modified in any way not specifically authorized by the factory. This lifetime warranty also becomes invalid for any gun that has been damaged by abuse or improper handling.

For shipping instructions for warranty service call 1-877-247-4867. This warranty is not valid for guns used in governmental or commercial applications. A one-year warranty applies in those instances.



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