



Tex-Rex, Tex-Rex Carbine Texan, Texan SS Texan LSS & Texan Carbine Safety & Operations Manual



WARNING

All Texans and Tex-Rex Series Rifles
now come with a manual safety.



WARNING

This Airgun is recommended for adult use only.

Careless use may result in serious injury or accidental death.

Dangerous within a minimum of 1 mile (1,610 meters)

Capable of velocities in excess of 1,100 feet per second (335 m.p.s)

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

Use airgun ammunition only.

READ ALL INSTRUCTIONS AND WARNINGS BEFORE USING THIS AIRGUN

- ⚠ **WARNING:** Never refill the cylinder of a loaded rifle. Always unload the rifle before refilling.
- ⚠ **WARNING:** Open the cocking lever when filling the cylinder the first time & everytime you refill.
- ⚠ **WARNING:** The Texan Series Rifles are capable of generating over 800 ft. lbs. of energy; Tex-Rex generates 1,100+ ft. lbs. of energy; Only shoot with a backstop rated for these energy levels.
- ⚠ **WARNING:** This air rifle is not a toy and can cause serious injury or death.
- ⚠ **CAUTION:** The airgun should be used only by adults or under adult supervision.
- ⚠ **NOTICE:** Always wear eye and ear protection when using this airgun. This includes people in the immediate vicinity.
- ⚠ **WARNING:** Always assume the air rifle is loaded. Never leave the airgun loaded if it is not going to be used.
- ⚠ **WARNING:** Always point the air 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 the airgun ammunition you use is the proper caliber for the airgun. Never re-use projectiles.
- ⚠ **WARNING:** Airgun ammunition contains lead. Follow all airgun ammunition package safety directions. Wash hands thoroughly after handling. Do not put in mouth.
- ⚠ **CAUTION:** Store the airgun (unloaded) and airgun ammunition in separate, safe places, out of reach of children.
- ⚠ **WARNING:** Do not walk, jump or run when carrying a loaded air rifle. Keep your fingers away from the trigger and do not load the rifle until you are ready to fire.
- ⚠ **CAUTION:** Unload the airgun before putting it in a vehicle.
- ⚠ **NOTICE:** Do not remove from its case or show the air rifle in public.
- ⚠ **NOTICE:** Buyer & user have the duty to obey all laws about the use and ownership of this airgun.
- ⚠ **WARNING:** Anytime you carry or transport an airgun, 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 recommended fill pressure marked on cylinder.
- ⚠ **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 and a hydrostatic test every 5 years.
- ⚠ **CAUTION:** Do not "dry fire" the air rifle

**Failure to observe the above warnings & cautions can result in damage to your air rifle, accidental death or serious injury.
Safe shooting is everyone's responsibility.**

⚠ 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 REAL FIREARM. DO NOT CHANGE THE COLORATION AND MARKINGS TO MAKE IT LOOK MORE LIKE A FIREARM. THAT IS DANGEROUS AND MAY BE A CRIME.

For repairs contact the manufacturer. You will be given an RMA number and instructions on how to return the airgun to the factory.

AirForce Airguns
817-451-8966 • staff@airforceairguns.com

USE OF AIR WITH THE AIR RIFLE

AirForce air rifles are designed for use with clean, dry compressed air or dry nitrogen. The maximum fill pressure is marked on the cylinder. A pressure relief device has been installed in the air tank and can rupture if the internal pressure exceeds the rated fill pressure.

All AirForce airguns have precision rifled barrels. They will shoot accurately only with good quality lead airgun ammunition of the appropriate caliber.

The use of any projectile other than lead is unauthorized and will void the warranty.

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 into the barrel of this airgun except high quality lead airgun ammunition.

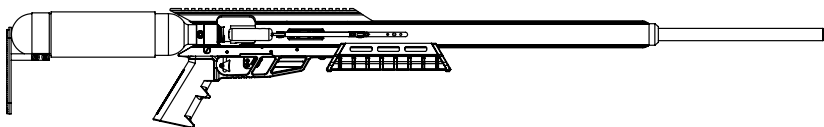
Three Important Rules

- 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 OUR AIRGUN

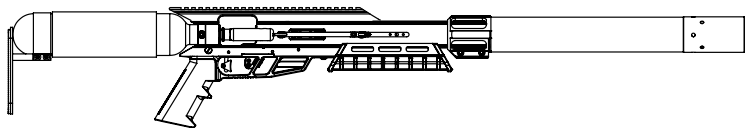
Specifications

Texan



Power Adjustment	None, Self Adjusting, User Tunable for different projectile weights
Action	Single shot
Weight(AL)(CF)	7.4, 6.75 lbs
Length (AL)(CF)	49.0, 47.5 inches
Barrel	34 inches
Caliber	0.257, 0.308, 0.357, 0.457, 0.510
Trigger	2 stage, adjustable for position
Safety	Manual
Air Tank Volume	500 cc
Max Fill Pressure	3625 psi
Velocity	1,100+ feet per second*
Sights.....	.Open or optical may be installed
Rails	Picatinny, Dovetail
Energy	800+ FPE*

TexanSS



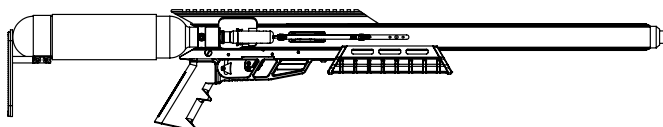
Power Adjustment	None, Self Adjusting, User Tunable for different projectile weights
Action	Single shot
Weight (AL)(CF)	7.9, 7.25 lbs
Length (AL)(CF)	44.5,43.0 inches
Barrel	24.75 inches
Caliber	0.257, 0.308, .0357, 0.457, 0.510
Trigger	2 stage, adjustable for position
Safety	Manual
Air Tank Volume	500cc
Max Fill Pressure	3625 psi
Velocity	Up to 930 feet per second*
Sights.....	.Open or optical may be installed
Rails	Picatinny, Dovetail
Energy	600+ FPE*

*(Depending on airgun ammunition weight, and tuner setting)

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

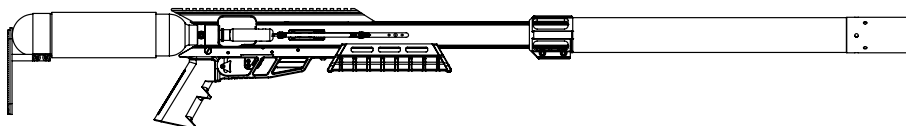
Specifications

Texan Carbine



Power Adjustment	None, Self Adjusting, User Tunable for different projectile weights
Action	Single shot
Weight (AL)(CF)	7.15, 6.25 lbs
Length (AL)(CF)	39.75, 39.25 inches
Barrel	24.75 inches
Caliber	0.257, 0.308, 0.357, 0.457, 0.510
Trigger	2 stage, adjustable for position
Safety	Manual
Air Tank Volume	500 cc
Max Fill Pressure	3625 psi
Velocity	930+ feet per second*
Sights.....	.Open or optical may be installed
Rails	Picatinny, Dovetail
Energy	600+ FPE*

TexanLSS



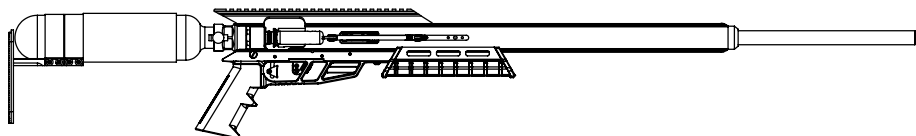
Power Adjustment	None, Self Adjusting, User Tunable for different projectile weights
Action	Single shot
Weight (AL)(CF)	8.9, 8.25 lbs
Length (AL)(CF)	53.75, 52.25 inches
Barrel	34 inches
Caliber	0.257, 0.308, 0.357, 0.457, 0.510
Trigger	2 stage, adjustable for position
Safety	Manual
Air Tank Volume	500cc
Max Fill Pressure	3625 psi
Velocity	1,100+ feet per second*
Sights.....	.Open or optical may be installed
Rails	Picatinny, Dovetail
Energy	800+ FPE*

*(Depending on caliber, airgun ammunition weight, and tuner setting)

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

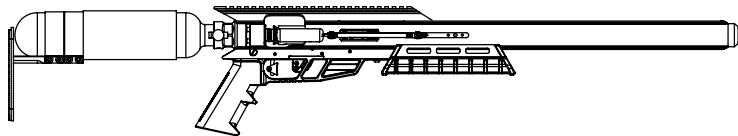
Specifications

Tex-Rex



Power Adjustment	None, Self Adjusting, User Tunable for different projectile weights
Action	Single shot
Weight (CF)	7.19 lbs
Length (CF)	47.5 inches
Barrel	34 inches
Caliber	0.510, 0.457
Trigger	2 stage, adjustable for position
Safety	Manual
Air Tank Volume	500 cc
Max Fill Pressure	4500 psi
Velocity	1,250+ feet per second
Sights	Open or optical may be installed
Rails	Picatinny, Dovetail
Energy	1,100+ FPE

Tex-Rex Carbine

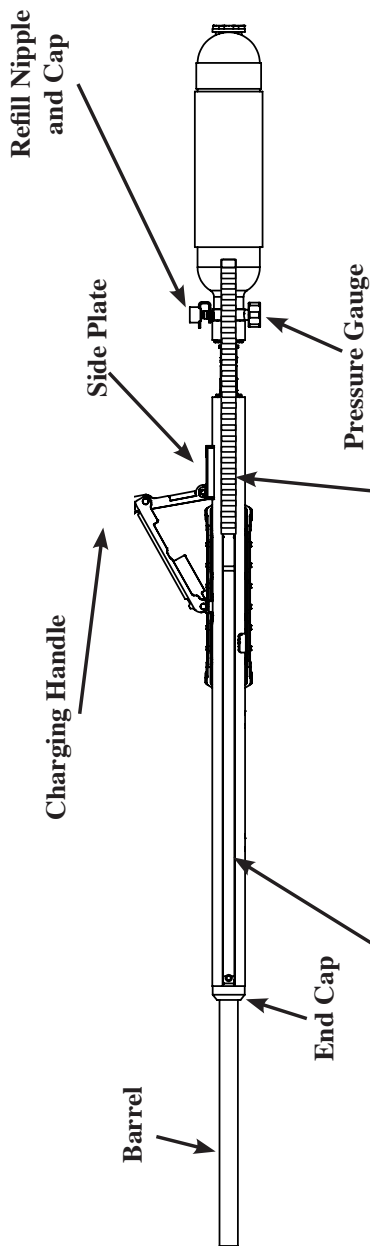


Power Adjustment	None, Self Adjusting, User Tunable for different projectile weights
Action	Single shot
Weight (CF)	6.95 lbs
Length (CF)	38.25 inches
Barrel	24.75 inches
Caliber	0.510, 0.457
Trigger	2 stage, adjustable for position
Safety	Manual
Air Tank Volume	500 cc
Max Fill Pressure	4500 psi
Velocity	1,100+ feet per second
Sights	Open or optical may be installed
Rails	Picatinny, Dovetail
Energy	1000+ FPE

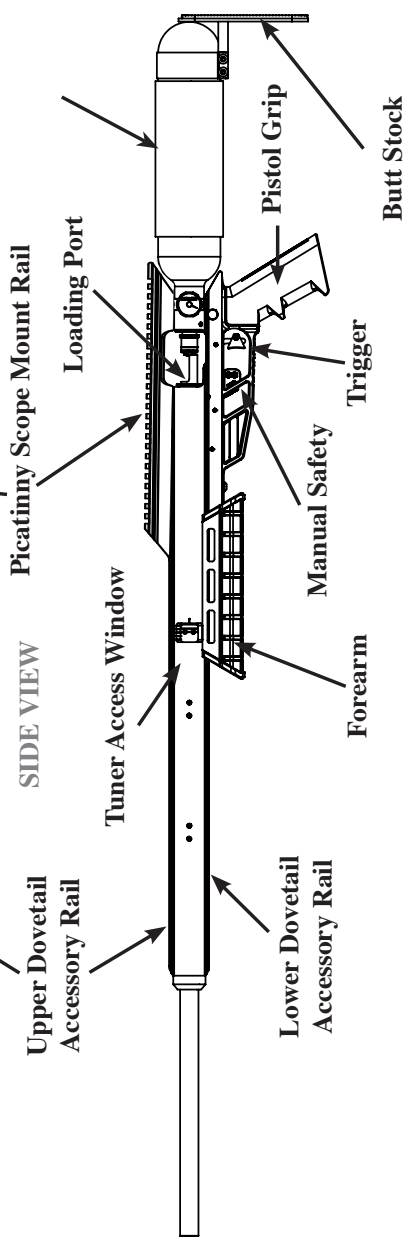
*(Depending on airgun ammunition weight, and tuner setting)

Nomenclature

TOP VIEW



SIDE VIEW



WARNING: ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION



WARNING: BEFORE LOADING YOUR AIRGUN, MAKE SURE THE SAFETY IS IN THE ON SAFE POSITION AND THE MUZZLE IS POINTED IN A SAFE DIRECTION.

FILLING/ATTACHING THE AIR TANK

SPIN-LOC™ TANK SYSTEM

(TEX-REX INSTRUCTIONS TO FOLLOW)

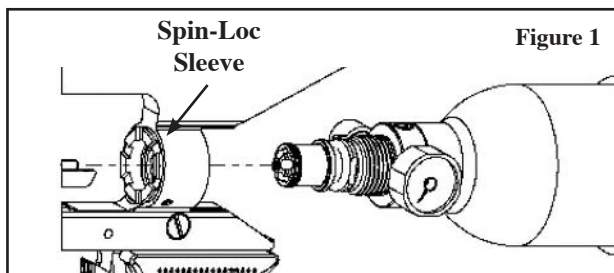
⚠ WARNING: Make sure air rifle is unloaded before installing air tank.

⚠ CAUTION: Dry firing without a pressurized tank in place will damage the rifle.

Slide the air tank into the rear of the frame.

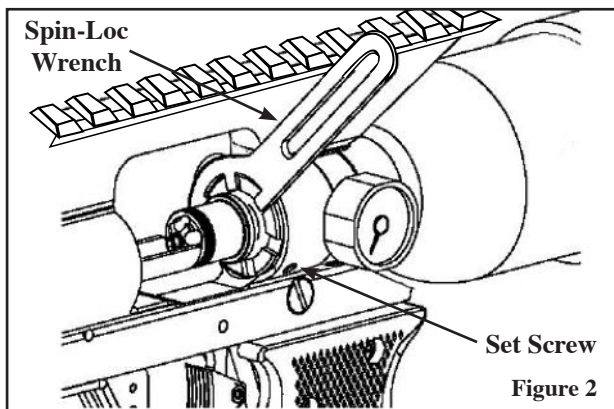
See FIGURE 1.

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.

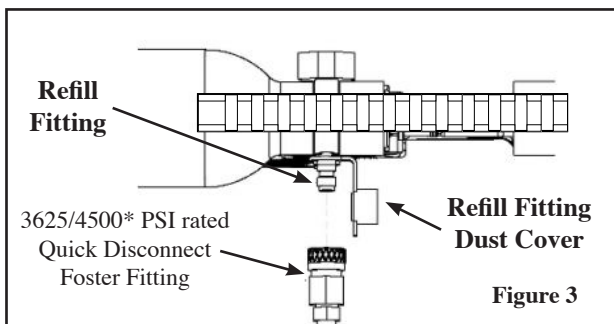


See FIGURE 2.

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.



To refill your Spin-Loc Tank, attach the 4500 p.s.i. rated quick disconnect to the refill fitting. See FIGURE 3.



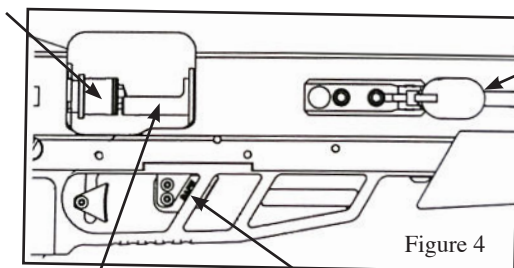


WARNING: ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION

LOADING, COCKING, FIRING

Make sure safety is in the SAFE position. (See Figure 4)

Breech



Loading Tray

**Safety Lever
Safe Position**

**Bolt Charging Handle
Open Position**

To load the rifle, pull the charging handle away from the frame and push it toward the muzzle until it cannot open any further. Place a projectile in the loading tray and push it into the breech, with your thumb or a projectile seating tool, until it engages the rifling. This is important for accuracy, because it makes each shot start from the same place. (See Figure 5)

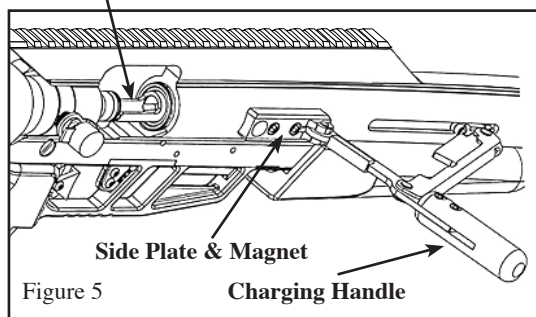


Figure 5

After loading, pull the charging handle towards the rear of the gun, and push it in towards the frame, until the levers touch the side plate and magnet. This closes the breech and cocks the striker.

To fire, take aim, slide the safety forward to the Fire position and squeeze the trigger until the rifle discharges. (See Figure 6)

**Bolt Charging Handle
Closed Position**

Bolt

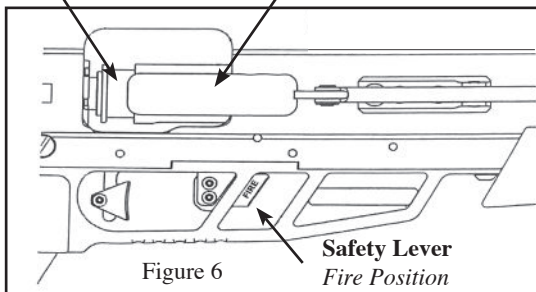


Figure 6

⚠ WARNING: DO NOT ATTEMPT TO FIRE YOUR AIRFORCE TEXAN AIR RIFLE IF THE TANK PRESSURE IS BELOW 2000 PSI. DOING SO MAY RESULT IN A SUDDEN RELEASE OF A HIGH VOLUME OF AIR, INCREASING RECOIL.

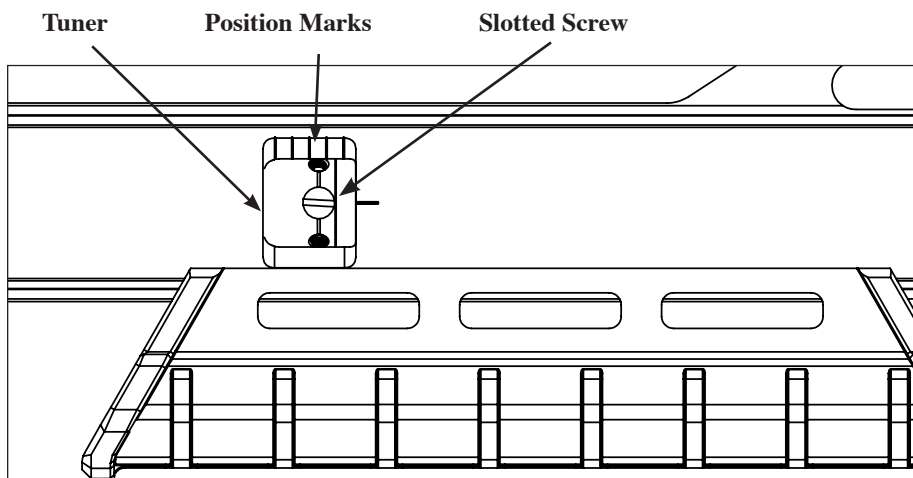
NOTICE: THIS PAGE IS FOR TEX-REX MODEL ONLY

ADJUSTING THE TUNER ON TEXAN, TEXANSS, TEXAN CARBINE OR TEXAN LSS

(TEX-REX INSTRUCTIONS TO FOLLOW)

To access the tuner, the action of your air gun must be fully open. At that point two windows on the left side of the frame will align, allowing access to the tuner.

The force of the striker can be adjusted so that there is just enough force to open the valve, eliminating excess wear and recoil. This also has shown accuracy improvements. Except for the lightest projectiles, once the valve is cracked open, the valve will self regulate to the weight of the projectile used. This is partially due to the fact that heavier projectiles have more contact to the bore and move slower out of the bore. The resulting pressure on the valve, holds it open longer. Very light-weight projectiles are the exception as they may not hold the valve open long enough to achieve maximum velocities. Starting at a lower tank pressure (i.e. 2700 p.s.i.) may help to achieve maximum accuracy with these light projectiles.



To increase tuner tension, remove slotted screw, then rotate it downwards, to decrease tension rotate it upwards. Increasing tension can help achieve higher velocities for light-weight projectiles. When finished, replace slotted screw to help maintain the adjustment.

Note: Position marks are only to help the shooter find and repeat settings when the rifle is tuned for a specific projectile.



**WARNING: ALWAYS KEEP THE MUZZLE
POINTED IN A SAFE DIRECTION**

TUNING THE TEX-REX

BIAS PORT SCREWS – WHAT THEY DO

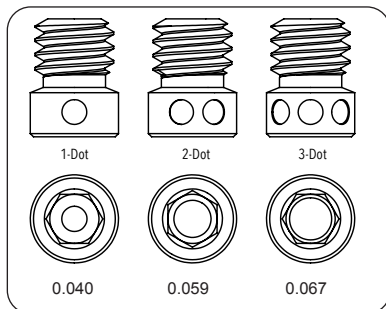
The Biasing Chamber plays a key role in controlling the valve's opening and closing during the shot cycle. Allowing more air into this chamber helps the valve close faster, reducing air usage per shot and increasing the total number of shots you get per fill.



**SCAN FOR
MORE INFO**

WANT MORE SHOTS?

The Tex Rex® comes with three bias port screws, 0.040, 0.059, and the 0.067 screw which is preinstalled. By using the 0.067 or 0.059 bias port screw, shooters will get more balanced power with medium slugs. To get the most number of shots with lighter slugs, remove the screw altogether.



*Note: Bias Port Screws are included
with Tex-Rex Rifle Only*

WANT MAX POWER?

Use the 0.040 Bias Port Screw (smallest hole) for unmatched stopping power and range. This screw will use the most air per shot compared to the other screws.

WANT EVEN MORE TUNABILITY?

Use the tuner on the Tex-Rex to balance your rifle's power for multiple shots. You can also fine-tune performance by adjusting the tuner and controlling how hard the valve is struck.

CHANGING THE BIAS PORT SCREWS

Step 1:

Using a 2mm hex key, insert into port in center of valve.

(See Figure 7)

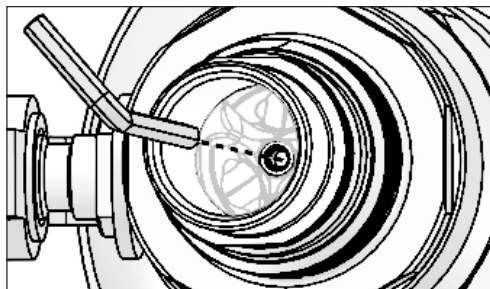


Figure 7

Step 2:

Turn hex-key counter clockwise to re-moved bias port screw.

(See Figure 8)

Step 3:

Reinstall new bias port screw.

Screw hand tight (3-inch pounds).

Use tuner to adjust further.

(Refer to Page 9)

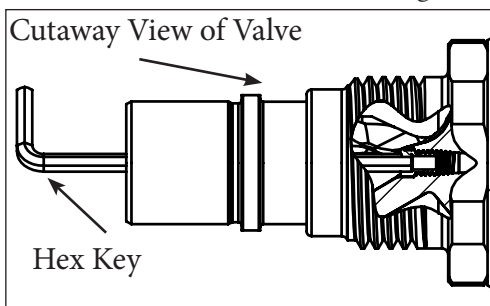


Figure 8

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

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 DRY COMPRESSED AIR OR NITROGEN

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

CLEANING THE BARREL

The Texan barrel may get lead fouling. If you need to clean the barrel, use a tight patch, wet with lead remover product, until lead is removed. Once the barrel is lead free, run an oily patch down the bore. Use a non-jointed cleaning rod if possible.

Use of cleaning solvents and agents formulated for firearms can damage the seals and O-rings, rendering the rifle inoperative. Be careful to only get lead remover solvents in the barrel. Remove any excess solvents immediately.

REMOVING JAMMED PROJECTILES FROM THE BARREL

Remove the air tank. Always attempt to remove jammed projectiles from the breech through the muzzle; only go from the muzzle end if there is no other way. Use a good cleaning rod of the correct size to push the jam out of the muzzle.

Note: If a projectile gets stuck in the barrel because the pressure in the air tank gets too low, it may be possible to refill your air tank, and then shoot the projectile out.

DO NOT LOAD ANOTHER PROJECTILE UNTIL THE JAMMED PROJECTILE IS REMOVED.



WARNING: ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION

⚠ CAUTION: AirForce Airguns are equipped with high-pressure air tanks designed for safe and reliable operation. Texan CF model guns may ship with a 4500 (310 bar) tank but the max operating pressure is 3650 psi (250 bar). Over-filling may cause loss of performance or the gun may not fire due to valve lock.

Depending on the specific tank, the maximum fill pressure can be 3,625 psi (250 BAR) or 4,500 psi (310 BAR) (as indicated on the tank itself).

MAINTENANCE OF THE AIR TANK AND CARE DURING STORAGE

TANK STORAGE & MAINTENANCE

- The tank is designed to be filled at all times to maintain optimal performance and prevent internal moisture buildup.
- It can be stored fully pressurized indefinitely without issue.
- Alternatively, if preferred, a lower “caretaker” charge of approximately 2,000 psi may be maintained.

SAFETY CONSIDERATIONS

- Each tank is equipped with a safety burst disk, designed to rupture if the internal pressure exceeds safe limits.
- Do not exceed the maximum recommended fill pressure specified on the tank. Over-pressurization can compromise safety and may result in equipment damage or failure.

Always adhere to manufacturer recommendations and standard high-pressure air handling protocols to ensure safe operation and long-term reliability of your Texan or Tex-Rex air system.

SAFE SHOOTING

The AirForce Texan and Tex-Rex rifles are extremely powerful and should always be used with a safe backstop. A firearm bullet trap rated for 1,150 ft. lbs. of energy or greater is required. 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 any time.

Lead projectiles from all AirForce airguns will explode into dust and fragments when they hit a hard surface like a steel backer plate in a bullet trap. Always wear safety glasses when shooting into a hard bullet trap.

In the field, avoid targets that will cause the projectile to ricochet. These can be hard targets like plywood, trees, the sides of structures, water, snow, ice or the ground when struck at a shallow angle.

NOTICE: READ THIS MANUAL ENTIRELY BEFORE CHARGING OR USING OUR 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?
- ☐ 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 projectile. Be sure that there is at least 2000 psi in the tank. If air continues to leak after this has been tried, it will have to be repaired at the factory. Do not dry fire the rifle without a pressurized cylinder in place.

Gun fires but projectile remains in the barrel

- ☐ Is the air tank filled?
- ☐ Is the barrel free from obstructions?
- ☐ Was the action closed and locked when you fired?
- ☐ Is the projectile of the correct caliber for the barrel?
- ☐ Are you sure the projectile did not exit the barrel?

Remove the air tank and look through the rear of the barrel to verify that it is still inside.

- ☐ Is the tuner turned up high enough for the specific projectile? If the tuner is turned down, increase its tension on the striker spring by rotating it downward. Once you get the gun to fire, you can start backing the tuner down again to the desired level.

Gun fires with widely varying velocity

- ☐ Are all the projectiles the same?
- ☐ Are the projectiles high quality?
- ☐ Are you using lead projectiles?
Synthetic projectiles deposit residue in the barrel that can cause velocity variation.
- ☐ Are the projectiles the correct caliber?
- ☐ Is the air tank filled?
As the tank drops to 2,000 psi, velocity will start to vary more.
- ☐ Is the barrel dirty?

Air leaks from refill clamp when filling air tank

- ☐ Is the refill clamp bleed valve closed?
- ☐ Is the refill clamp thumbscrew hand-tight?
- ☐ Is the O-Ring present on the K-Valve face? (For refill tanks utilizing a K-Valve, an O-Ring should be present on valve face. For refill tanks utilizing a DIN-Valve, an O-Ring should be present on refill assembly.)

AIRFORCE WARRANTY FOR AIRGUNS SOLD IN THE UNITED STATES

TEXAN/TEX-REX SERIES LIFETIME LIMITED WARRANTY

We stand behind the quality, craftsmanship, and performance of every AirForce Texan rifle we produce. By registering your rifle within 60 days of purchase, the original owner activates a Lifetime Limited Warranty that covers the rifle against defects in materials and workmanship for the lifetime of the product.

WHAT'S COVERED:

- All structural components and internal systems directly related to function and performance.
- Any manufacturing or material defect that affects the safety, accuracy, or reliability of the rifle.

AIRFORCE WILL, AT ITS SOLE DISCRETION, REPAIR OR REPLACE ANY QUALIFYING TEXAN RIFLE FOUND TO HAVE A COVERED DEFECT.

WHAT'S NOT COVERED:

- Normal wear-and-tear parts such as O-rings, seals, or other consumables.
 - Any rifle that has been disassembled, modified, or altered in a manner not expressly authorized by AirForce.
 - Damage caused by accidents, abuse, improper maintenance, or negligent handling.
 - Rifles used for governmental, law enforcement, or commercial purposes.
- (Note: These applications are covered under a 1-year limited warranty)

WARRANTY REPAIRS & SERVICE:

All warranty work must be performed exclusively by AirForce or an authorized service center. Unauthorized repairs or modifications will void this warranty in full.

NEED SERVICE?

Please contact our warranty department for detailed shipping instructions before sending in your rifle:

PHONE: 1-877-247-4867

EMAIL: staff@airforceairguns.com (optional)

TO ACTIVATE YOUR WARRANTY:

Complete and mail the enclosed warranty registration card within 60 days of purchase. Alternatively, register your rifle online at airforceairguns.com/warranty (if applicable) or by scanning the above QR Code.

This warranty is a reflection of our confidence in the Texan series — the most powerful production air rifles in the world — and our commitment to the shooters who depend on them.

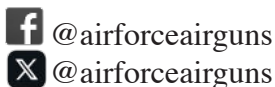


**REGISTER YOUR
WARRANTY**

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



FOLLOW US ON SOCIAL MEDIA



@airforceairguns

@airforceairguns



@airforceairguns



@airforceairguns

www.airforceairguns.com

AirForce • P.O. Box 2478, Fort Worth, TX 76113

817-451-8966 | staff@airforceairguns.com