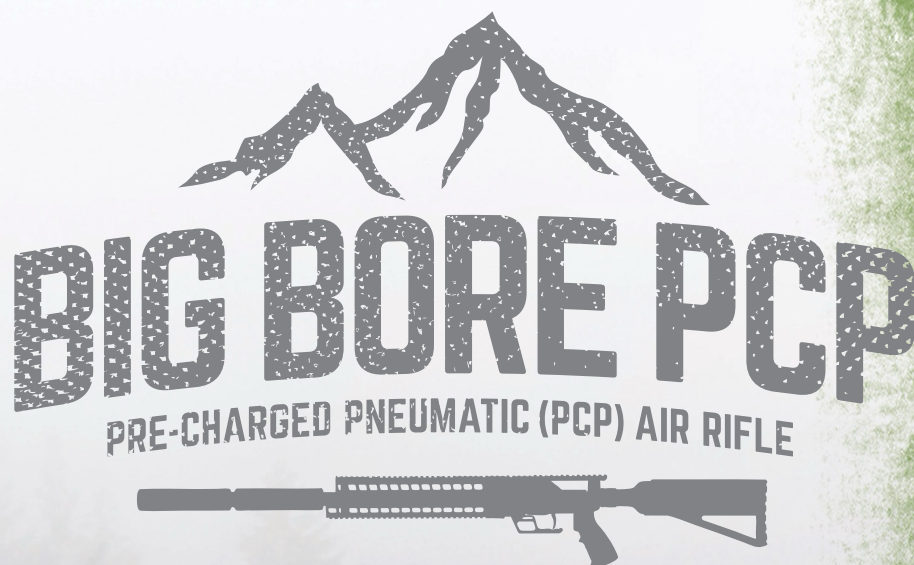




ADULT PRECISION AIRGUNS



TC-50

USER INSTRUCTION MANUAL

READ THIS ENTIRE MANUAL BEFORE FILLING, LOADING, OR SHOOTING YOUR GUN.

Fill Pressure: 250 bar (approximately 3,625 psi).

WARNING:

HIGH-POWERED AIRGUN. FOR AGES 16 YEARS OR OLDER. NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. MAY BE DANGEROUS UP TO 291 YARDS (266 METERS). THE PURCHASER AND USER SHOULD CONFORM TO ALL LAWS GOVERNING THE USE AND OWNERSHIP OF AIRGUNS.

WARNING:

DO NOT BRANDISH OR DISPLAY THIS AIRGUN IN PUBLIC. DO NOT POSSESS, STORE, OR KEEP A REPLICA FIREARM OR BB GUN WHILE KNOWINGLY ON SCHOOL OR CHILDCARE PROPERTY. IT MAY CONFUSE PEOPLE AND MAY BE A CRIME, INCLUDING FINES AND IMPRISONMENT. POLICE AND OTHERS MAY THINK THIS AIRGUN IS A FIREARM. DO NOT CHANGE THE COLORATION AND MARKINGS TO MAKE IT LOOK MORE LIKE A FIREARM. THAT IS DANGEROUS AND MAY BE A CRIME.

WARNING

THIS PRODUCT CAN EXPOSE YOU TO 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.

Note: Your air rifle does not come with open sights. You must mount an optical sight before use. Use a good-quality mount for the best accuracy and proper alignment.

RULES OF SAFE SHOOTING

- Never point a gun at anyone or anything you do not wish to destroy.
- Wear safety glasses and ensure those around you do too.
- Always keep the gun on SAFE until you are ready to shoot safely.
- 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 the gun 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 the gun on SAFE immediately after every shot.
- 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.
- Never rely solely on the safety.
- **YOU** are the most important safety feature!
- 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 trigger guard 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.
- 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!

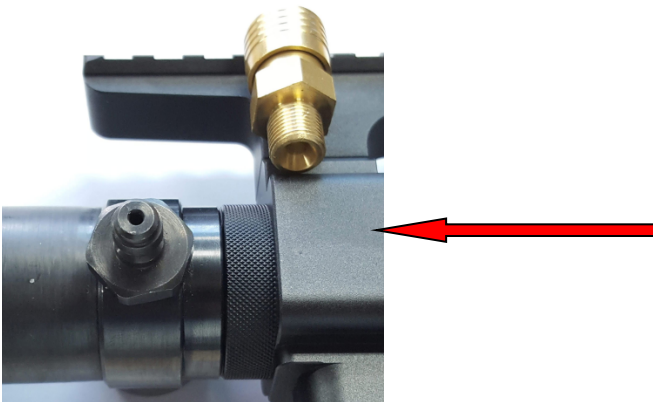
USING HIGH-PRESSURE AIR

⚠ WARNING:

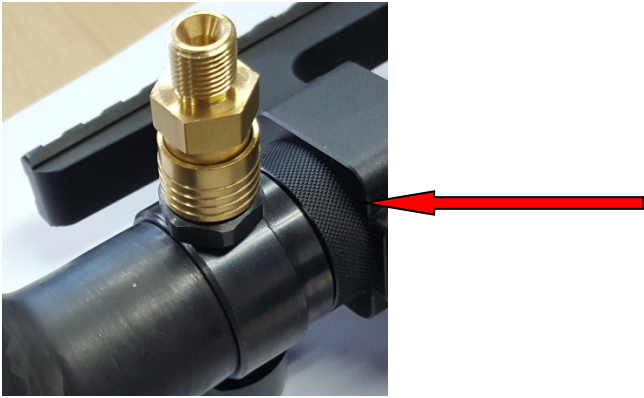
- Use only compressed air in your GAMO airgun. Use no other gases including oxygen, which can cause a fire or explosion that may result in serious injury or death.
- Disconnecting the fill hose from the airgun without **FIRST** bleeding the air may result in injury from hose whip as a result of pressure 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.
- Slowly fill your rifle to a **MAXIMUM of 250 bar (approximately 3,190 psi) pressure.**
- Filling the rifle too fast is unsafe and creates excess heat that may result in a low or inaccurate fill pressure.
- Do not overfill, as this will damage your gun and result in low power. Such damage is not covered under warranty.
- When filling is complete, bleed the excess air using the bleed screw on your fill device. Only then can you safely remove the adapter from the rifle.

Read this entire manual before filling, loading, or shooting your gun!

FILLING YOUR RIFLES



The rifle uses a fill adapter (included). Do not use any other type of adapter other than the one included with the gun!



Filling the rifle too fast creates excess heat, and the gauge may temporarily show an artificially high-pressure level. After the reservoir has cooled, the gauge may show a lower pressure level.

Do not overfill, as this will damage the gun and result in low power. Such damage is not covered under warranty.

When charging is complete, bleed the excess air using the bleed screw on your fill device and remove the adapter from the rifle.

You can also attach the adapter to the hose for the fill device and then attach it to the gun's fill port.

⚠ WARNING:

Do NOT let the pressure in your reservoir drop below 100 bar (approx. 1,450 psi) because there may not be enough pressure to close the bolt valve, and all remaining air will leak out. The gun will have to be sent in for repair.

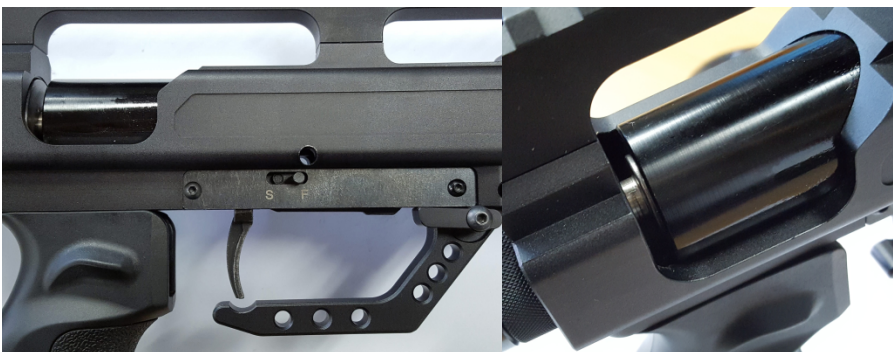
Use only **compressed air** in this airgun. Use no other gases – including oxygen, which can cause an explosion that may result in serious injury or death.

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

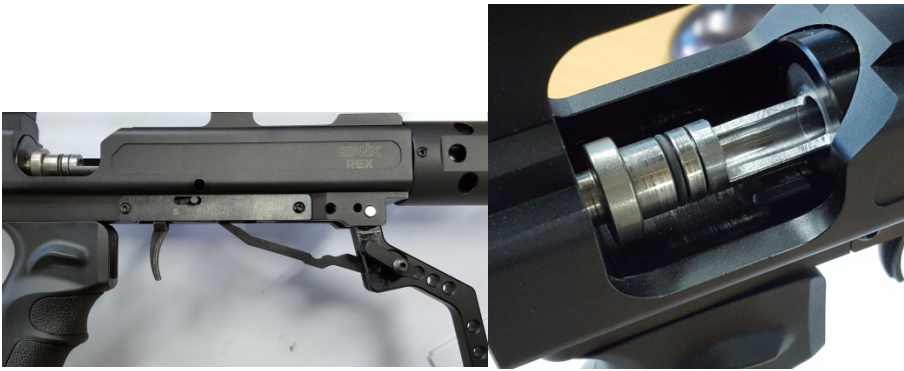
Do not attempt to repair the airgun or to disassemble to correct an overfill. Valve lock parts can fly from the airgun at dangerous speeds when it is disassembled while pressurized.

LOADING PELLETS

(Make sure gun is pointed in a safe direction and safety is on.)



Stage before cocking

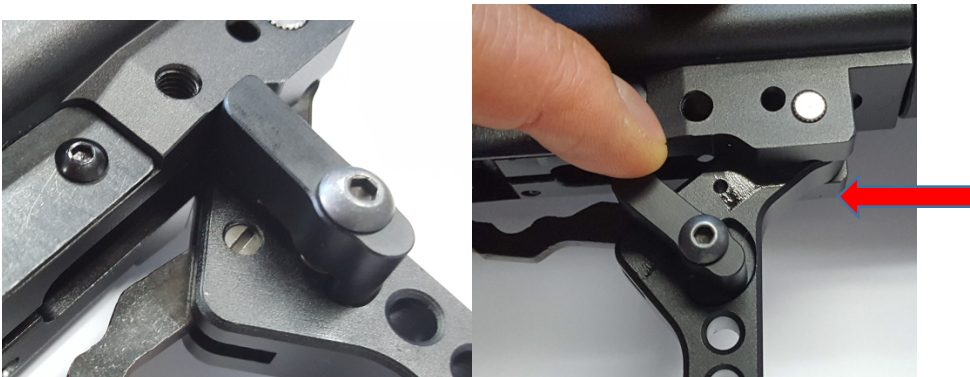


Stage after cocking (push under lever forward)

This is for high power. When requiring low power only cock the trigger guard halfway.



Insert pellet and push to properly seat it in the barrel. For best accuracy, ensure that the pellet skirt is flush with the barrel.



The TC50 has an automatic safety lock on the under lever. Pull the safety lock to release the underlever and return it to the shooting position.

⚠ WARNING:

Keep your finger away from the trigger while cocking the air rifle.

Always keep the muzzle pointed in a safe direction downrange when cocking.

OPERATING THE SAFETY

To activate the safety, push the safety catch lever rearward to the “S” (SAFE) position. When the safety is engaged, the trigger is locked and the rifle should not fire, however all mechanical safeties can fail, so continue to practice all safety skills. To disengage the safety, push the safety lever forward to the “F” (FIRE) position.



F: Fire - S: Safety

CAUTION! When decocking the rifle, a pellet may still be in the breech. Always keep the muzzle pointed in a safe direction.

In addition to the safety, a loaded and cocked rifle can be made safe by decocking (uncocking). To decock the rifle, first pull the lever down and push. With muzzle pointed in a safe direction, while holding the cocking lever, squeeze the trigger and let the lever return forward under your control. The rifle is now decocked.

When not in use, the rifle should be unloaded and uncocked. Leave the bolt closed and uncocked when not in use.

To prevent unauthorized use, store pellets separate from the rifle.

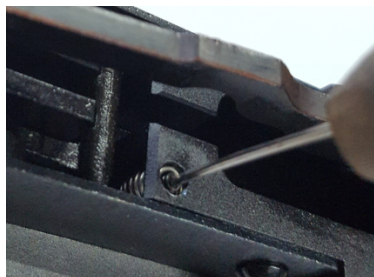
⚠ WARNING:

Always keep the air rifle on SAFE until you're ready to shoot.

ADJUSTING THE TRIGGER

(Trigger adjustments done at your own risk.)

Make sure the rifle is unloaded and there are no pellets in the breech. Put the gun on SAFE. Keep the muzzle pointed in a safe direction.



Using a 0.89 mm Allen key, turn the screw clockwise to decrease trigger pull weight and counter-clockwise to increase trigger pull weight.

Trigger adjustments done at your own risk.

ADJUSTABLE POWER

The power on your TC50 is adjustable. Cock halfway for mid-power. Extend the lever all the way forward for full power, as shown in the photos below.



MID POWER



HIGH POWER

CHANGING THE CYLINDER



Remove the mounts by removing these two screws.



Push in and turn cylinder. Keep a 0.5mm~1mm gap between barrel and valve.



Replace mount.

MAINTENANCE TIPS

- 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 rely solely on the manual 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 the magazine from the rifle when you are done shooting.
- Do NOT fill the rifle quickly with air. If it is charged too quickly, it can dislodge the valve from its seat, cause excess heat buildup and give inaccurate fill pressure readings.
- Do NOT overfill the rifle beyond the fill pressure stated on the front of this manual.
- Overfilling the gun could be dangerous, causing serious injury or death, damage to the rifle, malfunctions or substandard performance.
- Do NOT use mineral-based oils or greases.
- Do NOT use petroleum-based oils or greases.

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 contact customer service at 479-636-1200.

WARRANTY

One-year limited warranty

This product is warranted to the retail consumer for one year from date of retail purchase against defects in material and workmanship and is transferable.

What is covered:

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

What is NOT covered:

- Transportation charges from customers for defective products.
- Damages caused by abuse or failure to perform normal maintenance.
- Any other expense.
- Parts subject to normal wear and tear.
- Consequential damages, incidental damages or incidental expenses including 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 Customers:

Please contact GAMO Customer Service 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 purchased.

GAMO rifles are manufactured to the highest possible standards, using the finest materials to give a lifetime of service. In the unlikely event there are 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 incorrectly reassembled.
- The rifle is found to have lubrication not recommended by GAMO.
- The rifle has been fitted with non-GAMO parts.
- The rifle has been misused or abused.
- 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.

This warranty is in addition to your statutory rights. Retain your sales receipt.

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).

- 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.
- Keep your finger off the trigger until ready to shoot.
- Use the correct pellet size for your GAMO 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 your airgun loaded.
- 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.

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 over-fill or valve lock. Parts can fly from the airgun at dangerous speeds when it is disassembled while pressurized.

WARRANTY REGISTRATION

GAMO rifles are 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.

This warranty is in addition to your statutory rights. To register your warranty, the card below must be completed and returned to GAMO within 28 days of purchase. Retain your sales receipt as proof of purchase. Complete the following warranty card and mail to: GAMO, 1700 N. 2nd. St., Rogers, AR 72756.

Serial Number: _____ Date of Purchase: _____

Caliber: _____

Stock: _____

Where purchased: _____

Your name: _____

Your address: _____

Your phone: _____



ADULT PRECISION AIRGUNS



BIG BORE PCP

PRE-CHARGED PNEUMATIC (PCP) AIR RIFLE

