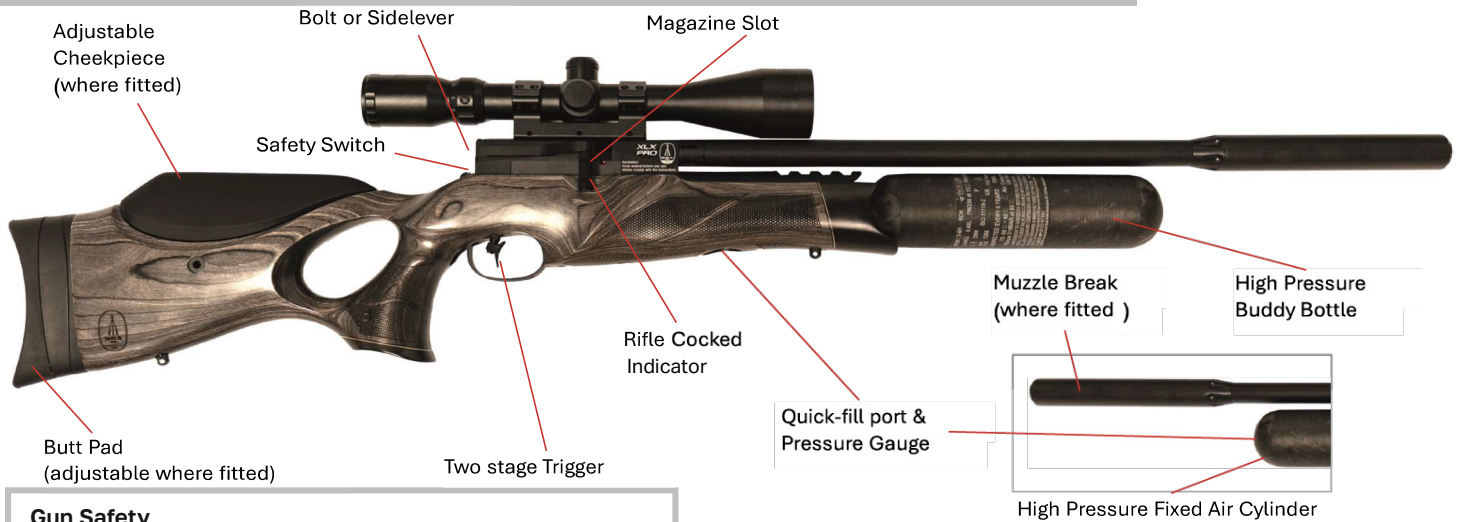


IMPORTANT: Please read these instructions before first using your rifle.



Gun Safety

- Make sure you know the laws relating to airguns and abide by them.
- When you pick up any gun always check that it is not loaded.
- Never point a gun at anyone or anything that is not a legitimate target.
- Never leave your rifle unattended, even if it is unloaded.
- Gun safety is a state of mind; never rely on a safety catch.
- After use, put your rifle away safely; unloaded and out of reach of children. Store your pellets separately.
- Always ensure it is safe to shoot and be certain of your target before you squeeze the trigger.
- Make sure there is a safe backstop behind your target to catch your pellets in case you miss.
- Beware of ricochets – do not shoot at water or other smooth surfaces that may deflect the pellet in a different direction.
- Always unload your gun when crossing obstacles, taking it indoors or into a car.
- When carrying your rifle, be sure the muzzle break is always pointing in a safe direction in case you should stumble.
- Never shoot on land without permission from the owner.
- **WARNING!** Do not handle or display the air rifle in public, as it may confuse people and could be committing a crime. Police officers and others may mistake it for a firearm. Do not alter the colour or markings to make it resemble a firearm, as this would be dangerous and could constitute a crime.
- **WARNING!** NOT A TOY. Adult supervision required. Misuse or careless use may cause serious injury or death. It is dangerous within a radius of 222 meters (242 yards).

Technical Information

All BSA airguns are manufactured at our factory in Birmingham to the highest standards. BSA barrels are cold-forged and crowned for optimal precision. Before leaving the factory, all guns undergo testing on specialized machinery to verify velocity and pellet grouping. All BSA air rifles are set to specific power levels that comply with the laws of the country in which they will be sold, although it is the responsibility of the user to ensure that the rifle complies with local laws.

Telescopic Sights

The BSA PCP range has an integral dovetailed scope rail designed to accept standard scope mounts and night vision equipment. Refer to the scope manufacturer's instructions on fitting and adjusting.

Using Compressed Air

CAUTION!

Only dry breathing quality air should be used in guns. Never fill any gun with oxygen, or any other gas. Doing so could cause a serious explosion.

High pressure compressed air can be used safely provided proper procedures are followed, if you are not sure of the procedure ask your gun shop for advice. Never try to fill your gun with air when the rifle is in a partially assembled state. The BSA XLX can be filled from an air tank or using a hand pump. Whichever equipment is used, a pressure gauge and supply hose bleed device must be included, and the manufacturers' instructions must always be followed.

Safety Warning

- Only use dry breathing air.
- Any physical damage to air cylinders, filling tanks (e.g., dents, rust, etc.), and their fittings and valves must be reported for inspection by the manufacturer or their appointed agent to ensure safety.
- Modifications or servicing of the product should only be performed by the manufacturer or their appointed agent for inspection.
- Do not exceed the manufacturer's maximum fill pressure for the gun.
- Due to the high pressures involved, the air reservoir should be periodically checked by the factory or an appointed agent. BSA recommends visual inspection every three years and pressure testing every ten years.
- After use, store your rifle safely: unloaded and out of reach of children. Additionally, store your pellets separately.

The Safety

The safety is located at the rear of the rifle, below the cocking lever. To apply the safety, push the switch to the right to cover the red dot (Fig 8), the rifle is now on safe. To take the rifle off safe, push the switch to the left to expose the red dot (Fig 7), the rifle is now ready to shoot.

Figure 7



Figure 8



Figure 9



Figure 10



Filling the Rifle with Air

The maximum filling pressure is 232 bar and must not be exceeded, as doing so can reduce power and potentially damage the rifle.

A filling adaptor is supplied to connect the rifle to the charging equipment. The filler probe is supplied with an air restrictor screw and is ready for use where a diver's bottle is used to refill the rifle. The air restrictor screw must be removed (Using the 1.5mm Allen key provided) when using a high-pressure hand pump to refill the rifle.

The Air Restrictor Screw must not be screwed tight when refitted to the Filler Probe. Refit the Screw into the Filler Probe until it begins to tighten in the thread; then undo the screw approximately 2 complete turns.

Before filling, always make sure the rifle is unloaded and the safety catch is on.

- Unscrew the end cap from the front of the reservoir.
- If the air reservoir is empty, cock the rifle.
- Insert the filling adaptor into the filling port and push it home.
- Make sure the bleed screw on the charging unit is closed.
- Where an air tank is used, open its valve slowly.
- Where a hand pump is used, commence the pumping operation.
- Using the gauge fitted to the charging unit, slowly fill the rifle to the recommended charge pressure, then close the air tank valve or cease pumping. Allow a few minutes for the pressure to settle. If necessary, repeat the procedure to top up the pressure in the rifle.
- Quickly open the bleed valve on the charging unit to allow the pressurised air in the hose to scape.
- Pull the filling adaptor from the filling port and replace the end cap.
- Remember that your rifle may be cocked, if so, you should de-cock it immediately for safety reasons.
- To de-cock your rifle, first release the safety catch. Next, pull back the bolt or side lever and, while holding it in position, pull the trigger. Slowly allow the bolt/lever to move forward until it returns to the rest position.

Regularly inspect the condition of the filling probe "O" rings and apply a small amount of Molycote 111 grease. Only utilize this specific grease on the "O" rings, as automotive mineral oils and grease can lead to explosions when used with high-pressure air.

Making a Loaded Rifle Safe

If the rifle has been loaded with a pellet, remove the magazine as described above, then close the lever, aim the rifle at a safe target, take the safety catch off and fire. Do not refit the loaded magazine until it is needed or remove all pellets from the magazine before refitting it to the rifle. It is good practice to use this procedure once the rifle shoot has been completed, whether you know the magazine to be empty or otherwise.

Loading the Rifle

The Magazine - The 12-shot capacity magazine features a rotor housed within a base, retained by a cover plate and screw. The rotor is sprung loaded, and its movement is confined by a stop.

DO NOT TURN THE ROTOR AND RELEASE IT AGAINST THE SPRING PRESSURE AS THIS MAY DAMAGE THE STOP.

Take care to avoid contamination with dirt or grit and always carry magazines in a sealed plastic bag. Regularly check and clear the magnet of dirt & debris, if the magnet becomes contaminated then the rifle may not work correctly. Do not dismantle the magazine.

Loading the Magazine

1. Apply the safety switch.
2. Pull back the side lever (Fig 12) or bolt (Fig 6) as far as it will go until the red ring appears on the pellet probe (Bolt action only) and the probe remains open with no forwards resistance, then remove the magazine.
3. Hold the magazine between finger and thumb with the cover plate screws uppermost and rotate the rotor to align the first hole. Push the pellet, nose first, into the empty magazine chamber pressing down until the pellet skirt is below the magazine cover plate and the nose diameter of the pellet is beyond the magazine O ring (Fig 1).
(Always ensure that the pellet is correctly seated, failure to do so may allow pellets to drop back into the breech and jam the action).
4. Rotate the magazine rotor anti-clockwise until the next empty chamber is revealed. Hold the rotor in this position against the spring pressure and load the next pellet into the chamber. (Fig 2)
5. Repeat this operation until all chambers have been loaded.

Loading the Rifle

1. Replace the magazine in the rifle (Fig 3) and close the bolt/side lever. Take the safety switch off when ready to fire the rifle.
2. When the rifle has been fired, the magazine will automatically index to the next chamber when the rifle is re-cocked. Always ensure that the bolt (where fitted) is pulled back sufficiently so that the red cocking line is visible (Fig 6) as part of the reload procedure when cycling the rifle. Failure to do so will not engage the anti-double load system. Close the bolt or side lever and the rifle is ready for the next shot. If a loaded rifle is re-cocked, the anti-double load system will prevent a second pellet from entering the barrel.
3. The magazine rotor is numbered to indicate the number of pellets left in the magazine.
4. Note - the number will remain the same after the pellet has been fired and will change only when the rifle is re-cocked. The window circled in Fig 4 indicates the remaining pellets in the magazine, it will count down to 1 as the pellets are fired.

Rifle Cocked Indicator

The rifle cocked indicator is located on the right-hand side of the rifle in the centre of the magazine location plate. When the rifle is not cocked the indication window will show silver (Fig 9), when the rifle is cocked the indication window will show a red indicator (Fig 10).

Trigger Adjustments

The trigger is set at the factory, but some aspects can be adjusted to suit individual preferences.

Before adjusting the trigger, remove the magazine and check that there is not a pellet in the barrel, if in doubt point the rifle in a safe direction and fire it to ensure that the barrel is clear.

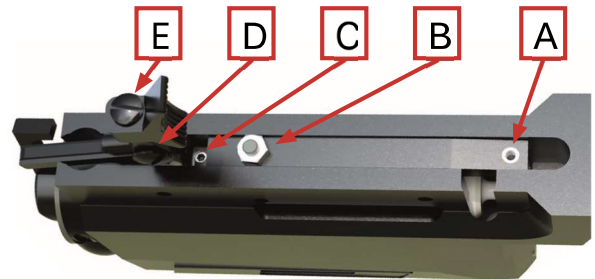
Remove the stock assembly by removing the stock bolt, the first at the front of the trigger guard, the second at the rear with access via the hole in the stock.

In the interests of safety, take care not to over-lighten the trigger weight. **A. Trigger pull.** This screw adjusts the weight of second stage trigger pull, to increase the weight of pull, turn the screw clockwise, and anti-clockwise to reduce the weight of pull.

B. Sear engagement screw. DO NOT adjust this screw, as it may compromise the safety mechanism.

C. First stage trigger adjustment. This is factory pre-set for optimal performance. While minor adjustments can be made, excessive tinkering may disrupt the safety catch.

D. The trigger grip can be adjusted lengthwise, sideways, and swivelling using screws D & E. Stock removal is unnecessary for these adjustments.



Warning:

Venting

For High power rifles over 30 ft/lb.

Do not let the pressure in your reservoir drop below 50 bar (midway on the yellow scale of gauge). This could result in there being insufficient air pressure to maintain a proper seal on the valve of your rifle causing it to vent and all the remaining air in the system to discharge.

If your air reservoir is Empty of air, cock the rifle, apply safety and fill with compressed air. When filled to 232 Bar, safety off and dry fire .

Figure 1



Figure 2

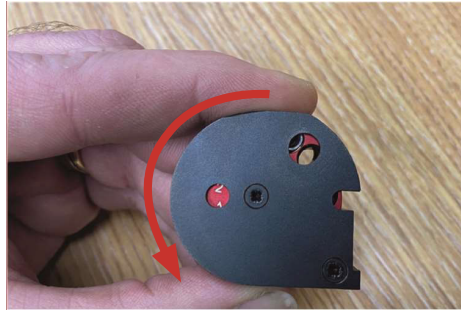


Figure 3



Figure 4

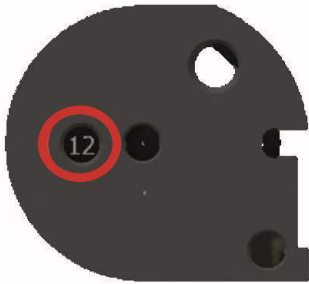


Figure 5



Figure 6



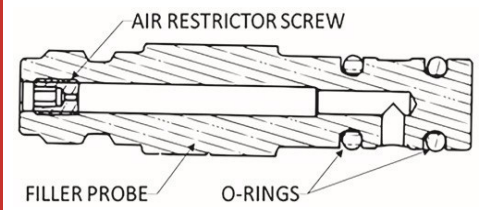
Figure 11



Figure 12



Figure 13



Care and Maintenance

After use, check that the rifle is unloaded and wipe the metal and woodwork surfaces with a lightly oiled cloth. Pay special attention to the metal finishes as these are not fully rustproof and are vulnerable to damp and particularly perspiration. If the rifle has become damp, make sure it is completely dry before it is put away.

Never use lubricants containing silicone as they can cause damage to metal surfaces. Application of oil and grease except as directed by the manufacturer can often do more harm than good.

The rifle has been designed and manufactured for optimum performance. Tampering with the components, or unauthorised modifications and alterations may make the rifle unsafe to use and will invalidate the warranty. All air rifles require periodic maintenance and inspection, so even if everything seems to be in good working order, it checked periodically by a competent gunsmith. Always have the power re-checked following any maintenance or repair work as any repairs or adjustments could affect the power. **It is your legal responsibility to make sure the air rifle remains below the legal limit, which in the UK is 12 ft-lb.**

The rifle's air reservoir must always be kept in good condition. If any damage occurs, for example, denting, exposure to extreme temperatures or rust, the gun should be inspected by the manufacturer, or their appointed agent. The internal bore of the air cylinder must be inspected for corrosion periodically, which should not exceed 5-year intervals.

Diagrams and parts lists are available on our website at www.bsaguns.co.uk.

WARNING: The use of petroleum-based lubricants in this area may cause explosions resulting in personal injury.

WARNING: Never attempt to clear jammed ammunition by firing an additional pellet with the compressed air rifle. Ensure the rifle is not cocked or loaded and that the safety is in the ON position before clearing the obstruction.

WARNING: After use, clean the barrel with the built-in brush of the cleaning rod to remove lead particles that may have adhered to the rifle's grooves.

WARNING: Always discard defective or deformed ammunition.

WARNING: Do not attempt to disassemble or repair the rifle to correct overfilling or valve blockage. Components may fly out of the pressurized air rifle at dangerous speeds when disassembled.

WARNING: Always keep the rifle out of reach of children and unauthorized users. Before storing, ensure the rifle is unloaded and the safety is ON. Store it in a secure location to prevent theft and subsequent misuse, such as in a gun safe. Always clean the rifle before storing and never store it if it is dirty.



2 Year Warranty All new BSA rifles carry a 2-year warranty against faulty parts and labour, this applies to new rifles only and is not transferable; proof of purchase is required. Excluded from this warranty are failure due to misuse or abuse, the fitting of non-standard parts, and fair wear and tear. All warranty work must be done by BSA or an authorised agent of the company, and should the rifle be collected or returned under warranty, BSA or their authorised agent reserve the right to charge for postage and / or inspection. BSA will not accept guns for service or repair unless they are sent via a gun shop (RFD). So please do not return guns directly to the factory.

Minimum Recommended Age: 16 years

Maximum Distance: May be dangerous up to 242 yards (222 meters).

Maximum muzzle velocity/energy:

Calibre	FT-LB	Joules (J)
.177	≥15	≥20
.22	≥15	≥20
.25	≥15	≥20

Type of Ammo: Airgun Pellet  or 

CAUTION - Your backstop should be inspected for wear before and after each use. Discontinue use if the backstop surface shows signs of failure. Since backstop surfaces eventually fail, always place the backstop in a location that will be safe should the backstop fail. Discontinue the use of a backstop if the projectile rebounds or ricochets.

To Parents:
Your child's safety is paramount. Please ensure that your child understands the responsibility necessary, in handling and using this product. Supervision is essential during use, and we recommend providing proper instruction in shooting techniques.

Legal Compliance Advisory:
The end user of this product should be aware of all requirements imposed by applicable U.S. federal, state and local laws, regulations and administrative policies related to non-powder guns or use of said equipment.