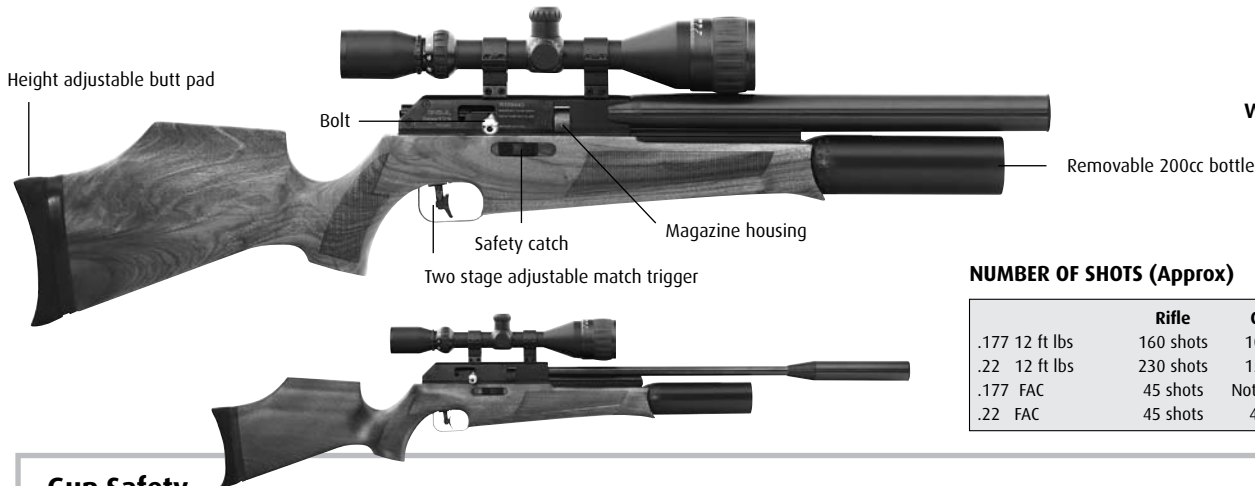


Superten Rifle Instructions

IMPORTANT: Please read these instructions and view the CD-ROM before first using your rifle.



www.bsaguns.co.uk



NUMBER OF SHOTS (Approx)

	Rifle	Carbine	Fill Pressure
.177 12 ft lbs	160 shots	100 shots	232 bar
.22 12 ft lbs	230 shots	150 shots	232 bar
.177 FAC	45 shots	Not Available	232 bar
.22 FAC	45 shots	45 shots	232 bar

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's 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 pellet 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 is always pointing in a safe direction in case you should stumble.
- Never shoot on land without written permission from the owner.

Technical Information

All BSA airguns are made to the highest standards at our factory in Birmingham. BSA barrels are cold hammer forged and crowned for optimum accuracy.

Before leaving the factory every airgun is tested on special purpose machinery to verify velocity and pellet grouping. UK law dictates that air rifles should not be capable of above 12 ft-lb muzzle energy; all BSA models conform to this requirement. Export models are supplied to conform to the laws in the destination country.

Getting Started

Your new BSA Superten rifle is fully assembled except for the bolt handle, which is packed separately. Wipe the handle with a lightly oiled cloth to remove the anti-rust coating and screw into the bolt using the hexagonal wrench provided. Do not over-tighten the handle as this could damage the gun.

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 fit a buddy bottle to the gun when the rifle is in a partially assembled state.

The removable 'buddy' bottle 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.

Removing the Buddy Bottle

- Always ensure that there is not a pellet in the barrel, if in doubt fire the rifle in a safe place to clear the barrel.
- Before attempting to remove the buddy bottle apply the safety catch by sliding it towards the rear of the rifle to cover the red dot. Pull the bolt back to the rear position and drop the handle into its retaining slot. This will cock the rifle; next remove the magazine.
- To avoid damage to the buddy bottle "O" ring, which can result in leaks, it is essential to first close the valve in the bottle by unscrewing it one full turn; this prevents the bottle from re-filling the regulator. There will still be some compressed air in the rifle's regulator. To release this, point the gun at a safe target, take off the safety catch and fire the gun several times. Repeat the firing-cycle until the muzzle discharge becomes quieter and all the air is expelled.
- If the muzzle report is still loud after firing the gun 8-10 times, unscrew the bottle a further quarter turn and repeat the process. Once the regulator is empty the bottle can easily be un-screwed.

Filling the Bottle with Air

A filling adaptor is supplied with the gun. The maximum filling pressure for the 200cc Superten bottle is 232 bar (3365psi).

- Check that the threads on the bottle and filling adaptor are clean, and screw the bottle into the adaptor until it is tight.
- Make sure the bleed screw on the charging unit is closed, and then open the air bottle valve slowly.
- Slowly fill the bottle to the maximum recommended charge pressure, and close the valve. Allow a few minutes for the pressure to settle, and then, if needed, top up the bottle and close the valve again.
- Quickly open the bleed valve on the charging unit to allow the air in the hose to escape.
- Unscrew the bottle from the filling adaptor and replace it on the gun.

Regularly check the condition of the bottle "O" ring and apply a little Molycote 111 grease. Only use this grease on the "O" ring and filling adaptor, as automotive mineral oils and grease can cause an explosion if used with high-pressure air.

Telescopic Sights

The BSA Superten has a full length integral 10.8mm dovetailed scope rail designed to accept standard scope mounts and night vision equipment. Refer to the scope manufacturer's instructions on fitting and adjusting.

Butt Plate

The butt plate can be adjusted for elevation to suit your individual preference. Loosen the central locking screw and find the position that best matches your ideal sighting and comfort. Tighten the screw to lock the plate.

Loading the Gun

- Apply the safety catch withdraw the bolt and remove the magazine from the gun.
- Hold the magazine between finger and thumb with the cover plate screw uppermost. Push a pellet nose first into the first magazine chamber and press down until the pellet skirt is under the cover plate (see Fig 1).
- Rotate the central body of the magazine anti-clockwise until the next vacant position lines up with the hole in the cover plate. Insert another pellet and repeat the procedure until the magazine is full (see Fig 2).
- The red dot on the magazine body will be at the top when all ten pellets are loaded.
- At any stage during loading, the magazine body can be moved back one position by pressing the escapement mechanism lever (see Fig 3).
- Replace the magazine in the rifle (see Fig 4), slide the bolt forward and down into the retaining slot and take off the safety catch. The rifle is now ready to fire.
- When the tenth and final pellet has been indexed into position, a red spot indicator on the magazine body will come into view when the bolt is pulled backwards to cock the rifle. Lock down the bolt in the forward position to fire the last shot.

Note: The magazine is factory filled with a lubricating grease. Take care to avoid contamination with dirt or grit and always carry magazines in a sealed plastic bag. Do not take the magazines to pieces, or remove this grease.

If a loaded magazine is in the rifle a pellet is inserted into the barrel each time the bolt is pushed forward, so do not cycle the bolt without shooting the gun or several pellets will be forced into the barrel at once. This may damage the gun and will almost certainly require a service to rectify the problem, which will be chargeable.



The Trigger 'Dead Lock'

The Superten has a patented 'dead lock' safety device that prevents accidental firing if the rifle is dropped or knocked. It is an essential safeguard for use with the sensitive match trigger, and it causes the trigger to lock solid. It will also operate when cycling the bolt, if the bolt is not pulled fully back and down into the rear retaining slot before being returned to the forward "fire" position. If this happens the trigger will lock and will prevent the rifle being fired. Do not try to clear this by applying a heavier load on the trigger. The trigger is designed to 'fail safe' if forced.

To release the trigger first apply the safety catch, pull back the bolt handle and lock down in the rearward position, then remove the magazine because there is already a pellet in the barrel and if the magazine is not removed a second pellet will be loaded behind the first. Move the bolt to the forward position, aim at your intended target, slide off the safety catch and shoot; the bolt can now be withdrawn and the magazine returned to the gun.

The Silencer

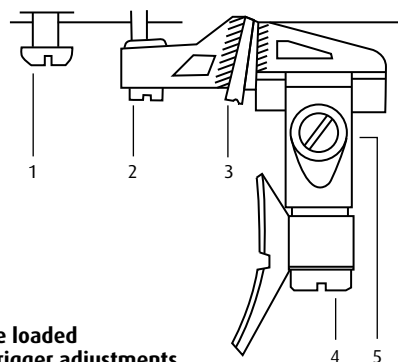
The BSA Superten 'Bull-Barrel' versions have a shrouded barrel, incorporating a highly efficient sound suppression system. The standard rifle and carbine are equipped with a separate silencer.

Note: It is dangerous to attempt to fire a carbine without the silencer in place. On no account should it be removed.

Trigger Adjustments

The two-stage match trigger is factory set for optimum use but can be adjusted to suit individual preferences. Screw 1 adjusts the trigger load, screw 2 adjusts the first stage, screw 3 adjusts the second stage.

The trigger grip can be adjusted lengthways, sideways and swivelling using screws 4 and 5.



Note: The rifle should never be loaded or cocked when carrying out trigger adjustments.

In the interests of safety, take care not to over-lighten the trigger load.



Care and Maintenance

After use, check that your 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 your rifle has become damp, make sure it is completely dry before you put it away.

Never use oils 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.

Your 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, have your air

rifle checked periodically by a competent gunsmith. You should always have the power of your air rifle 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 power limit, which in the UK is 12 ft-lb.**

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

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 including damage to the stock. 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.

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