

LIMITED LIFETIME WARRANTY

Your air rifle and its accompanying accessories is warranted to be free of defects in materials and workmanship for the lifetime of the original owner. This warranty does not cover damages due to fair wear and tear, and failure to provide routine maintenance. This warranty lasts as long as the original purchaser owns the product, and is not transferable. In the event of a defect under this warranty, we will, at our discretion, repair or replace the product provided our inspection indicates that an original defect exists. Nova Vista reserves the right to replace any product which is no longer available with a product of comparable value and function. If Nova Vista determines the repair is not covered under the warranty guidelines, there may be a charge to you for the repair. This is a limited warranty and does not cover damages caused by misuse, modification, improper handling or installation or maintenance provided by someone other than a Nova Vista Authorized Service Center.

This limited warranty does not include consequential damages, incidental damages, or incidental expenses, including damage to property or any other expense. Nova Vista disclaims any implied warranties. Some states or countries do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on implied warranties so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state and country to country.

WARRANTY CLAIMS & REPAIR SERVICES

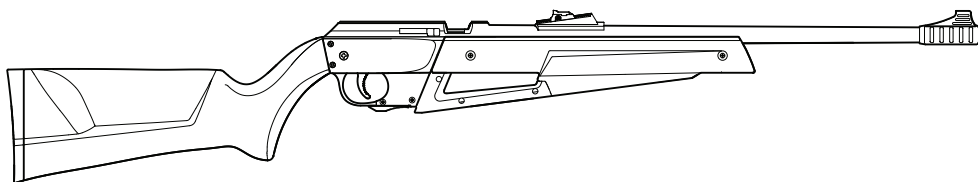
If your air rifle or its accompanying accessory requires repair, contact Nova Vista Authorized Service Center or visit our website at www.nova-vista.co/contact. DO NOT ATTEMPT TO DISASSEMBLE. Any disassembly or modification not performed by a Nova Vista Authorized Service Center or our appointed qualified personnel will void the warranty.

Made in China

www.nova-vista.co

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NOVA VISTA COMPANY LTD.



SF1-M177 RIFLE



DUAL AMMO
MULTI-STROKE PNEUMATIC

OPERATION MANUAL


PLEASE READ ALL INSTRUCTIONS AND WARNINGS IN THIS MANUAL BEFORE USING THIS AIR RIFLE




This safety alert symbol indicates important safety messages throughout this Operation Manual. When you see this symbol, be alert with warnings to the possibility of personal injury and carefully read the message that follows to avoid risks of serious injury or death.

GUN HANDLING SAFETY TIPS

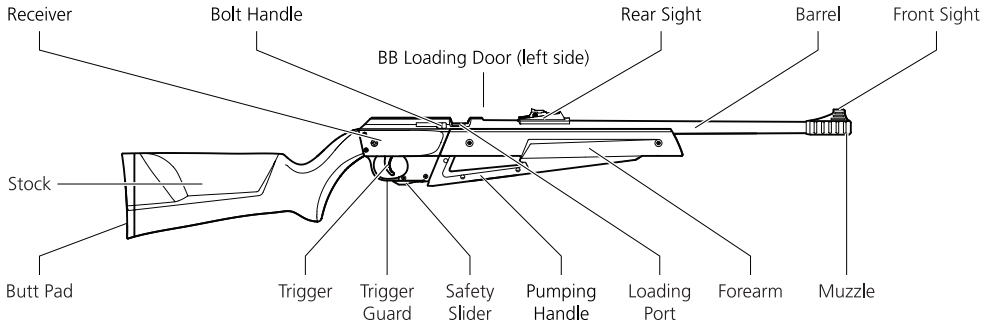
1. Treat your air rifle as if it is ALWAYS loaded.
2. Always keep the muzzle pointed in a safe direction. NEVER POINT THE GUN AT YOURSELF OR OTHERS.
3. Only pump or load your air rifle when you intend to shoot.
4. Keep your trigger finger out of the trigger guard until you have decided to shoot.
5. Be sure of your target and beyond the backstop. Always examine the backstop before shooting for wear or damage.
6. Proper eye protection must always be worn for shooters and spectators. All spectators should remain behind the shooter.
7. Avoid ricochet (bouncing off) – never shoot at hard surfaces or into water.
8. Before leaving your air rifle unattended or to somebody else, put the safety to SAFE-ON position and unload.
9. Never store your air rifle cocked (pumped) or loaded. Store your air rifle with SAFE-ON and inaccessible to children or unauthorized persons.
10. Do not disassemble or alter your air rifle. Repair should only be done by an Authorized Nova Vista Service Center.

 **NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY OR DEATH. MAY BE DANGEROUS UP TO 500 YARDS (457 METERS).**

 **THIS IS A HIGH POWER AIR RIFLE RECOMMENDED FOR USE BY THOSE 16 YEARS OF AGE OR OLDER. READ ALL INSTRUCTIONS BEFORE USING. THE PURCHASER AND USER SHOULD CONFORM TO ALL LAWS GOVERNING USE AND OWNERSHIP OF AIR RIFLES.**

LEARNING THE PARTS OF YOUR AIR RIFLE

Familiarize yourself with name of parts to better understand this Operation Manual.



1. OPERATING THE SAFETY

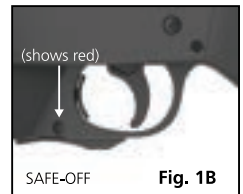
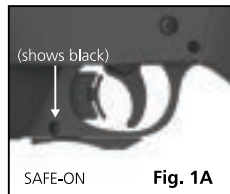
The safety slider located below the trigger guard allows you to set the air rifle to SAFE-ON or SAFE-OFF positions.

SETTING "SAFE-ON" POSITION (Fig. 1A)

- Locate safety slider and pull backwards.
- An indicator comes out within trigger guard.
- Safety visual indicator on the left appears in black color.

SETTING "SAFE-OFF" POSITION (Fig. 1B)

- Locate safety slider and push forward OR
- Push forward the indicator when ready to shoot.
- Safety visual indicator on the left appears in red color.



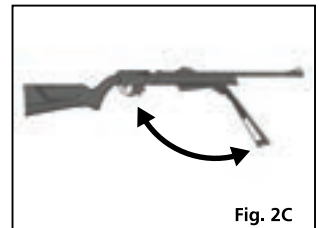
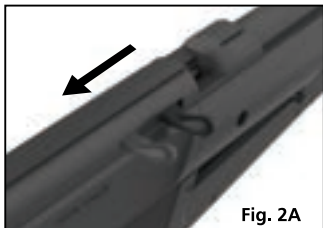
⚠ Always manually and visually keep air rifle in the SAFE-ON position until you are actually ready to shoot. Failure to follow these instructions may result in serious injury or death.

⚠ Like all mechanical devices, an air rifle safety can fail. Even when the safety is set to SAFE-ON position, continue handling the air rifle safely. Never point the air rifle at any person and anything you do not intend to shoot.

2. PUMPING THE AIR RIFLE

You must follow the procedures described hereon for pumping, loading and firing your air rifle each time you shoot.

- Put the air rifle to SAFE-ON position.
- Pull open bolt handle (Fig. 2A). Leave open until you are ready to shoot.
- With one hand holding air rifle in position, place fingers of other hand into pumping handle. (Fig. 2B)
- Firmly grip pumping handle and pull down all the way until it stops (Fig. 2C), and return in a single smooth stroke to its original closed position to make a single pump.
- We recommend pumping 10 times (and no more) to achieve the highest velocity and maximum distance.



⚠ Never pump more than the maximum 10 times which will cause serious mechanical damage to the air rifle.

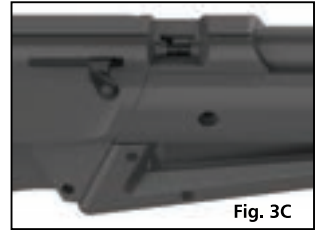
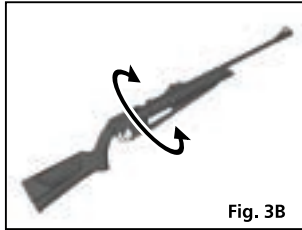
⚠ Although lesser pumps can be enough for shooting shorter distances, avoid underpumping (less than 4 times) to prevent a projectile from jamming in the barrel after firing.

⚠ Do not pull open bolt handle, close, and then pull the trigger before pumping. This procedure can result in a loaded air rifle and a projectile being expelled from the gun during pumping.

3. LOADING BBs

This air rifle was designed to work with most commercially available .177 caliber (4.5mm) steel BBs. Use of ammunition other than specified may cause your air rifle to malfunction.

- Locate and slide open BB loading door on the left side of air rifle receiver, filling with up to 60 BBs (Fig. 3A). Do not overfill or mix with pellets which will jam the reservoir and cause damage to air rifle.
- Close BB loading door.
- With bolt handle pulled, point air rifle up with muzzle raised between 45° to 90° and slightly shake air rifle for proper feeding of BB by gravity (Fig. 3B).
- Ensure a BB is picked up by the magnetic tip by looking into the opened loading port (Fig. 3C). If a BB does not feed when muzzle is raised, shake with a twisting motion.
- Push bolt handle fully forward, and ensuring BB is in place.
- BB is now in position to be fired. (Refer 6. AIMING & FIRING SAFELY)



- ⚠ Always view the loading port when closing (by pushing bolt handle) that it is loaded with a projectile.
- ⚠ BBs feed from reservoir by gravity which requires the muzzle be raised upwards until loading port is closed.
- ⚠ Never assume BB reservoir is empty even if the air rifle does not fire a projectile. Continue to treat the air rifle as if it is loaded.

UNLOADING BBs

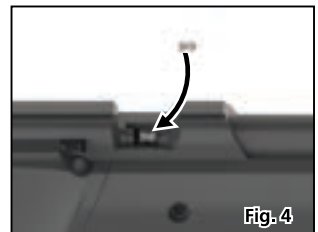
- Put the air rifle to SAFE-ON position.
- Pull open bolt handle.
- Slide open BB loading door.
- Cupping your hand over it, tilt air rifle to the left and shake until all BBs are removed from the reservoir.
- Remove any BB from loading port (Fig. 3C).

- ⚠ Never assume BB reservoir is empty even if the air rifle does not fire a projectile. Continue to treat the air rifle as if it is loaded.

4. LOADING PELLETS

This air rifle was designed to work with most commercially available .177 caliber (4.5mm) lead pellets. Use of ammunition other than specified may cause your air rifle to malfunction.

- Remove all BBs from the reservoir if any. (Refer Unloading BBs)
- With bolt handle pulled, point muzzle in a safe direction.
- Carefully load a pellet into loading port with solid end facing forward (Fig. 4).
- Push bolt handle fully forward to close loading port.
- Pellet is now in position to be fired. (Refer 6. AIMING & FIRING SAFELY)



- ⚠ Avoid shooting pellets with the reservoir still containing BBs which may result in a jammed or obstructed barrel and even cause damage to the air rifle.
- ⚠ Exercise extra care not allowing a pellet to fall into the rear of loading port and stuck in the BB feed hole. Have a qualified gunsmith clear the loading port if this happens, contact nova vista customer service at your area.

5. CLOSING BOLT HANDLE

This procedure is important in order to successfully chamber an ammunition for this air rifle and closing loading port.

- Close bolt handle by pushing fully forward with the loaded air rifle.

The air rifle is now loaded and ready to fire. (Refer 6. AIMING & FIRING SAFELY)



6. AIMING & FIRING SAFELY

Due to the power of this air rifle, use extra caution in selecting a safe target. You and others around should always wear safety shooting glasses for eye protection especially before proceeding the following steps.

AIMING

- Firmly hold the air rifle with both hands and arms in position.
- Point muzzle towards a safe target direction where you intend to shoot.
- Projectile may penetrate or miss target, so always ensure safety beyond the target area.

FIRING

- Put the air rifle to SAFE-OFF position.
- Pull trigger to fire.
- Repeat operation steps (2 to 6) to continue shooting.

! Never shoot at hard surfaces or into water which may cause BB or pellet to ricochet (bounce off), unintentionally hitting something or someone causing damage to property and risks of serious injury or death.

QUICK STEPS FOR SHOOTING

Ensure proper understanding of the procedures detailed above and in previous pages before using the quick steps below for shooting with this air rifle.

- **Set to SAFE-ON position**
- **Pull open charging handle**
- **Pump 4 to 10 times**
- **Load**
- **Close charging handle**
- **Aim at a safe target**
- **Set to SAFE-OFF position**
- **Fire**

7. CLEARING A JAM

If a BB or pellet does not fire after completing steps 2 to 6, this may be due to a jammed air rifle with an obstructed barrel which is dangerous and requires extreme caution.

- Do not attempt to reload.
- Put the air rifle to SAFE-ON position.
- Pull open charging handle.
- Point muzzle towards a safe direction.
- Insert a .177 caliber cleaning rod (not included) into barrel through the muzzle and carefully push jammed BB or pellet out without using excessive force. Discard and never reuse this BB or pellet. (Fig. 7)
- Repeat operation steps (2 to 6) to shoot.

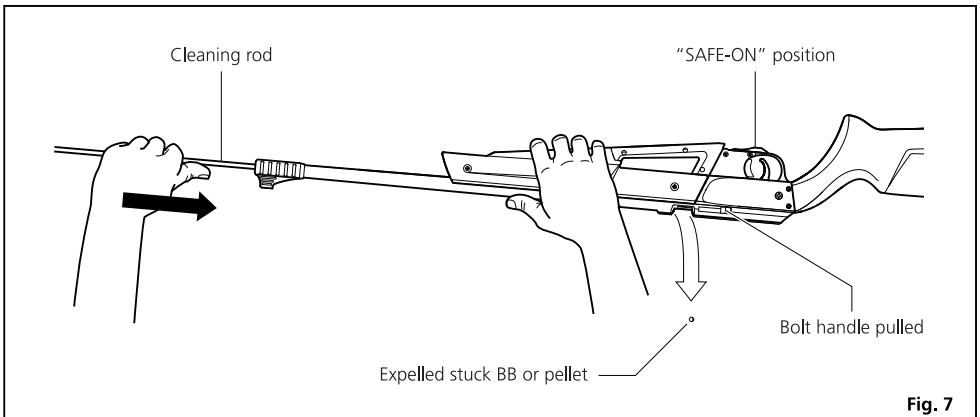


Fig. 7

! If a BB or pellet still does not fire after clearing a jam procedure, refer to **WARRANTY CLAIMS & REPAIR SERVICES** on last page.

! Do not attempt disassembling, tampering or perform any modifications to the air rifle which will void the warranty, become unsafe and may cause the air rifle not to perform the way it was intended to.

8. REAR SIGHT

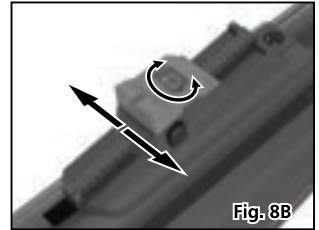
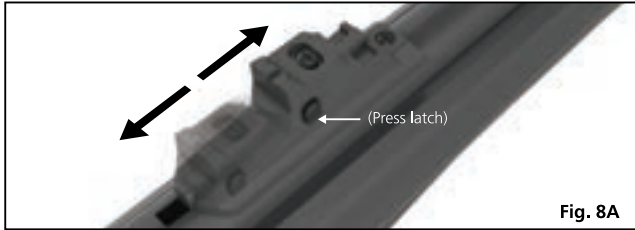
The adjustable rear sight is designed to match the height of the fixed fiber optic front sight.

ADJUSTING ELEVATION

- Press latch on the right side (Fig. 8A) and raise rear sight for higher point of impact. Moving down lowers rear sight for lower point of impact.

ADJUSTING WINDAGE

- Loosen screw (Fig. 8B) by turning counter-clockwise.
- Move aperture to the right or left accordingly.
- Retighten screw by turning clockwise.

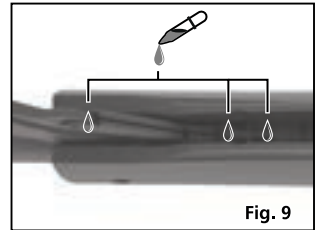


9. MAINTENANCE

To ensure your air rifle lasts longer and is always in top performance and working condition, general routine care is required.

LUBRICATION

- Periodic oiling of the pumping forearm hinges & felt pad (Fig. 9) (every 250 shots) will ensure proper function.
- Only light oiling using motor oil lubricant (SAE 10/20/30) is required.
- Do not overoil or use light household type oils, aerosol-based lubricants or petroleum distillate-based solvents which may contain substances harmful to rubber seals or plastic surface and finish of the air rifle.



GENERAL INSPECTION

- Periodically check and tighten mounts for sight (or accessories).
- If you dropped your air rifle, visually and mechanically check to see that no damage has occurred to the air rifle that may affect mechanical function of air rifle. contact nova vista customer service at your area.
- If anything seems changed (eg. a shorter or weaker trigger pull, etc.), this may indicate broken or wearing out of parts. Refer to WARRANTY CLAIMS & REPAIR SERVICES on last page before using your air rifle again.

STORAGE

- Store the air rifle unpumped, unloaded and set to SAFE-ON position.
- Your air rifle should be clean, dry and oiled.
- Ensure this Operation Manual is kept well.

PRODUCT SPECIFICATIONS

MODEL	SF1-M177
DESCRIPTION	SF1-M177 Rifle
ACTION TYPE	Multi-Stroke Pneumatic
COLOR	Ash Green
CALIBER	.177 (4.5mm)
BB CAPACITY	60
BARREL TYPE	Rifled Steel
FRONT SIGHT	Fixed Fiber Optic
REAR SIGHT	Adjustable
MOUNTING RAIL	Dovetail
DIMENSIONS (L x W x H)	989mm x 65mm x 176mm