

**FX**airguns  
MADE IN SWEDEN



**FX IMPACT OWNER'S MANUAL**



## Warranty Information

All FX Airguns carry a One Year Warranty against faulty workmanship and defective materials. If it becomes necessary, first contact the dealer from which you purchased the gun. If the rifle is determined to have a defect within the warranty period, contact the warranty center to arrange service. The warranty guarantee does not cover any damage caused by tampering with the rifle or abuse. This rifle should only be disassembled by factory-authorized repairmen.

## Service Warnings

Never attempt to disassemble this rifle while it is charged! Failure to obey this instruction could result in personal injury or damage to the gun!

- Never fire the rifle when it is empty of air or when air cylinder is removed!
- Never point the rifle at anyone, or allow anyone to point a rifle at you!
- Treat every rifle as if it is loaded even if you know it is not loaded!
- Always carry the rifle so that the direction of the muzzle is under control, even if you stumble.
- Always be sure of your target and what lies behind it before firing your rifle.
- Never leave a loaded rifle unattended.
- Beware of targets that tend to cause ricochets.
- It is recommended that eye protection is worn when charging the cylinder.
- Always use caution when operating this rifle.
- Learn and obey the laws in your location.
- Be responsible in your use of this weapon!
- Never fill the rifle with anything else other than regular air!
- Never fire the rifle below 100 bar tank pressure.

**Note:** UK and other countries with lower energy limit may have other specifications.

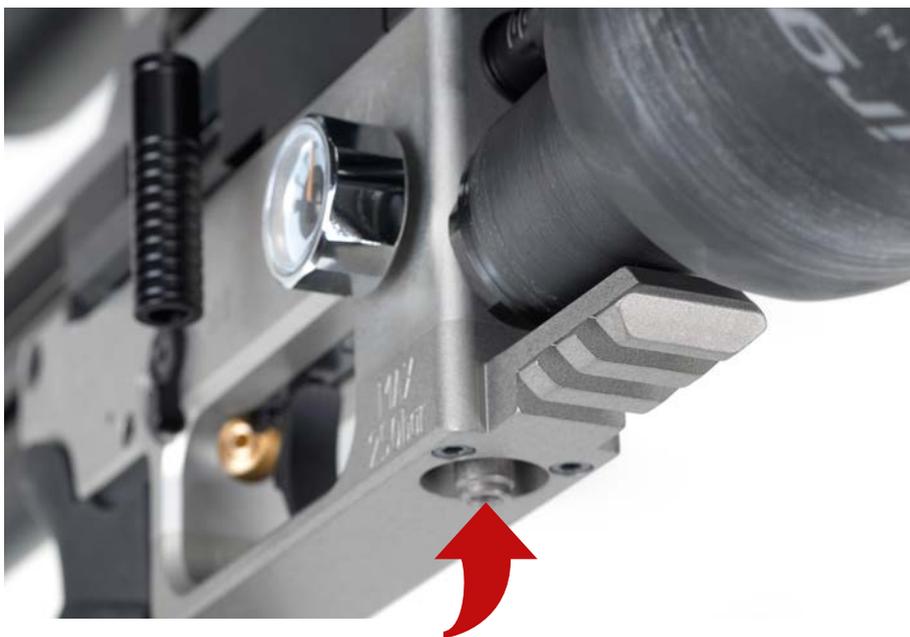
## Rifle Features

- Black or Silver Finish
- Adjustable Recoil Pad
- Forward Side Lever Cocking
- Built-In Moderator
- Carbon Fiber Bottle
- Picatinny Scope Rail
- Interchangeable Caliber System
- AR Style Grip
- External Power Adjuster
- Dual Manometers
- Externally Adjustable Regulator
- Adjustable Match Trigger
- High Capacity Magazine
- Switch-Style Safety
- Multiple Accessory Rails
- Quick Fill System

## Notes for you own settings

Tip: Make note of the factory setting before you start tuning the rifle.

Calibre				
Regulator Bar				
Hammer Setting				
Valve Setting				
Energy				
Velocity				
Pellet Weight				
Pellet Type				
Distance				
Remarks				



## Installing the Air Bottle

To install the air bottle, simply rotate the bottle assembly onto the rifle bottle stem **CLOCKWISE** until tight and flush with the block. Be cautious not to cross-thread the bottle while installing, and **NEVER** force the threads.

## How to Fill with Air

A quick connect fitting is included with the Impact rifle. Be sure to attach this fitting to your air supply system correctly, using wrenches to ensure tight fitment and a good seal.

On the lower side of the rifle, behind the air bottle, is the quick fill port. Push the quick connect fitting over the fill nipple and ensure that it is snapped in place and secure. See red pointer. Use only female quick connectors from FX Airguns.

Close the bleed valve on your fill device and pressurize the rifle to 250 BAR or 3600 psi. Once filled, turn off the air supply and bleed the pressure from the fill line quickly. Pull back on the outer sleeve on the quick connect fitting to release it from your rifle.



## Installing the Barrel

When installing the barrel for the first time, be sure to follow these directions closely to avoid unwanted damage. Start by loosening the barrel locking screw, located on the rear block in front of the magazine slot. See red pointer.

Once loosened, insert the barrel from front to rear, keeping the air transfer port hole pointing downward. When inserted until the barrel is completely seated, you should be able to see a small portion of the barrel assembly inside the magazine slot. When turned to the correct position, the small locator hole in the barrel should line up perfectly with the barrel locking screw.

You can remove the screw completely to visually confirm alignment. Misalignment can and will cause poor performance and potential harm to the airgun. Once in position, tighten the locking screw by hand.

**NOTICE** - Failure to tighten this locking screw can cause serious damage to the rifle if fired.



## Shroud-system

The Shroud-system is telescopic, shooting should only be done with shroud all the way in or all the way out. Doing otherwise might damage internal parts. To extract push out, to retract push back.



## Loading the Magazine

To load the Impact magazine, start by rotating the clear magazine cover **COUNTER - CLOCKWISE** until it stops.

While holding the cover in place, turn the magazine over and insert one pellet from the metal side of the magazine **SKIRT-FIRST**. This pellet should now be seated flush with the outside edge, and will hold the spring tension on the internal wheel.

Turning the magazine back over, rotate the clear magazine cover **CLOCKWISE** until the next hole is open, and drop in the next pellet **HEAD-FIRST**.

Continue rotating **CLOCKWISE** and dropping in pellets until each hole is filled.

Rotate the clear magazine cover **CLOCKWISE** again until it snaps back into the closed position in alignment with the metal portion of the magazine.

## Cocking and Loading

With the barrel installed, rifle pressurized, and magazine loaded, continue to ready the rifle for use by setting the safety to **"SAFE"** and then pulling rearward on the cocking lever until it clicks in the rearward position.

Carefully insert the magazine at the rear of the rifle, ensuring the pellets face the correct direction and the magazine slot is aligned with the barrel.

Press firmly to ensure the magazine is completely installed. Closing the cocking lever will now load a pellet into the barrel and make the rifle cocked and loaded. Switching the safety to **"FIRE"** will make the rifle ready to fire.

Be sure to keep the rifle pointed in a safe direction throughout this entire procedure.





## Changing the Barrel / Caliber

The Impact features a changeable caliber option for quickly changing the barrel, pellet probe and magazine. To change caliber, start by lowering the Recoil Pad and removing the barrel. Loosen the barrel locking screw and gently pull the barrel forward to slip it away from the action.

When removed, open the cocking lever to position the pellet probe locking screw between the slots in the rear block. Using a 1.5 mm allenkey, loosen the locking screw. Pull the existing probe out of the action from the rear. Insert the new pellet probe from the rear, keeping the air transfer hole on the front of the probe pointing downward into the action.

By using a 4 mm Allen key to hold the probe in position, insert until it is completely seated and aligned properly. Tighten the locking screw. The cocking mechanism should now cycle freely and smooth.

You can now install the matching caliber barrel per the barrel installation instructions, making sure to finish by tightening the barrel locking screw. Install the matching magazine and set the power to the appropriate settings for the new caliber to complete the installation.





## Adjusting the power

Setting the power on the Impact can be done with three external adjustments.

**1. Power Adjuster Wheel** - This power adjuster wheel is the simplest way to quickly change the power of your rifle and has 7 preset levels. Simply rotating the wheel while the gun is uncocked in either direction will set the power from Maximum to Minimum. Production models will have a different power wheel than on the picture. It will read A, B, C, D, E on one side as there can be small difference in power between the two sides.

**NOTICE – NEVER** adjust the power when rifle is cocked. Doing so might damage the power-adjuster wheel and will void your warranty!



**2. Valve Control Knob** - The valve control knob is located between the barrel and the air bottle. Turning the knob CLOCKWISE will reduce the power, while COUNTER - CLOCKWISE will increase the power within margins. This adjuster will allow you to fine tune the valve flow and air efficiency. The default setting is near the center with 2 long lines and 2 short lines showing.

**NOTICE – NEVER** fire the airgun without air. Doing so may damage the valve assembly and will void your warranty!



**3. Externally Adjustable Regulator** - The Externally Adjustable Regulator screw is located behind the trigger, angled up into the action. To adjust the regulator pressure, start by unscrewing the air bottle to release the air on the high pressure side. With the power adjuster wheel on MIN, fire off one empty shot in a safe direction to release the residual air in the low pressure side of the regulator chamber. Once empty, gently turn the 2.5 mm regulator adjuster screw CLOCKWISE 1 to 2 turns until it gently stops. This will set the regulator to its low setting. At this point you can screw the air bottle back on to pressurize the system. The regulator gauge should now read 40-50 BAR. Turning the regulator adjustment screw COUNTER - CLOCKWISE will increase the regulator pressure. Slowly turn the screw out until the pressure increases to the setting you desire. The regulator can be set to any pressure for various uses. The default setting is 140 BAR.

**NOTICE – NEVER** turn the regulator adjustment screw CLOCKWISE under pressure. This will damage the regulator and will void your warranty!

**NOTICE – NEVER** adjust the regulator above 150 BAR as damage to the system may occur and will void your warranty!

**NOTICE – NEVER** adjust the regulator below 100 BAR as damage to the system may occur and will void your warranty!

**Note:** UK and other countries with lower energy limit may have other specifications.



A - The 2nd Stage Adjustment  
 B - The 1st Stage Length Adjustment

## Trigger Adjustments

For liability reasons, we cannot give detailed instructions on trigger adjustments. The follow diagram is a reference showing adjustment screws and what aspect of the trigger they adjust.

**The 2nd Stage Adjustment (A)** is the break or releaseweight adjuster.

**The 1st Stage Length Adjustment (B)** controls the travel or 1st Stage length.

## Trigger Adjustments (Continued)

**NOTICE** - Adjusting your trigger can easily make the rifle unsafe.

Take caution in safely adjusting and testing your trigger with an UNLOADED magazine and empty barrel. Always point the rifle in a safe direction while adjusting the trigger. Never rely on the trigger or safety when pointing your rifle at any target. And, always test the rifle thoroughly following any adjustments to ensure safety and reliability.

**NOTICE** - All adjustments work in relationship with one another.

Adjustments to one screw may impact the function of other aspects to the trigger. Proper function is a tuning of each adjustment, and should be performed by a trained specialist. Adjustments to the trigger are not a warranted service.



## Adjusting the Recoil Pad

Loosen the locking screw on the butt assembly and position the rubber insert to your liking. Once positioned correctly, tighten the locking screw to hold the position.



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