

FXairguns MADE IN SWEDEN

FX CROWN 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.



Safety Operations

The safety is easy to use and is located on the right side of the stock.

Note: Only use the safety when the rifle is cocked!

Warnings

- Never attempt to disassemble this rifle while it is charged!
- 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 rifle!
- Never fill the rifle with anything else other than regular air!
- Never fire the rifle below set regulator pressure.

Failure to obey these instructions could result in personal injury or damage to the gun!

Rifle Features

- Smooth-twist x barrel system (with changeable core barrel liner to obtain various twist rates). **Note:** A separate manual is needed for this purpose.
- Interchangeable Caliber System.
- Built-In Moderator (variations may occur depending on country).
- Carbon Fiber Bottle.
- External Power Adjuster (Hammerspring tension and airflow).
- Dual Manometers.
- Externally Adjustable Regulator.
- Adjustable Match Trigger (variations may occur).
- High Capacity Magazine.
- Switch-Style Safety.
- Quick Fill System.
- Adjustable recoilpad.

Notes for you own settings

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

Caliber				
Regulator Pressure				
Main Power Setting				
Secondary Power				
Energy				
Velocity				
Pellet Weight				
Pellet Type				
Distance				
Remarks				



How to Fill with Air

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

Inbetween the two gauges is the quick fill port. Remove dust cap. Push the quick connect fitting over the fill nipple and ensure that it is snapped in place and is secured. **See red pointer.**

Use only female quick connectors from FX Airguns.

Close the bleed valve on your fill device and pressurize the rifle to maximum 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.

Removable Air Bottle

Remove the air bottle by rotating the bottle counter-clockwise.

There will be a slight amount of air that escapes before the back valve seals.

Wait until the trapped air has escaped before you continue with removal.

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



Changing Caliber

When changing calibre on the system for the first time, be sure to follow these directions closely to avoid unwanted damage.

Make sure pelletprobe has the same caliber as the barrel before mounting. Make sure rifle is uncocked!

Barrel:

Loosen screws on top of the breechblock. See red pointer.

Pull the barrel out of the system.

Insert new barrel and make sure the small slot in the barrel breech lines up with the guide pin inside the breech block.

When completely seated, you should be able to see a small portion of the barrel assembly inside the magazine slot.

Once in position, tighten the locking screws.

Misalignment will cause poor performance and potential harm to the airgun.

NOTICE – Failure to tighten these locking screws can cause serious damage to the rifle if fired.

Pelletprobe:

Start by pushing the sidelever to its rear position.

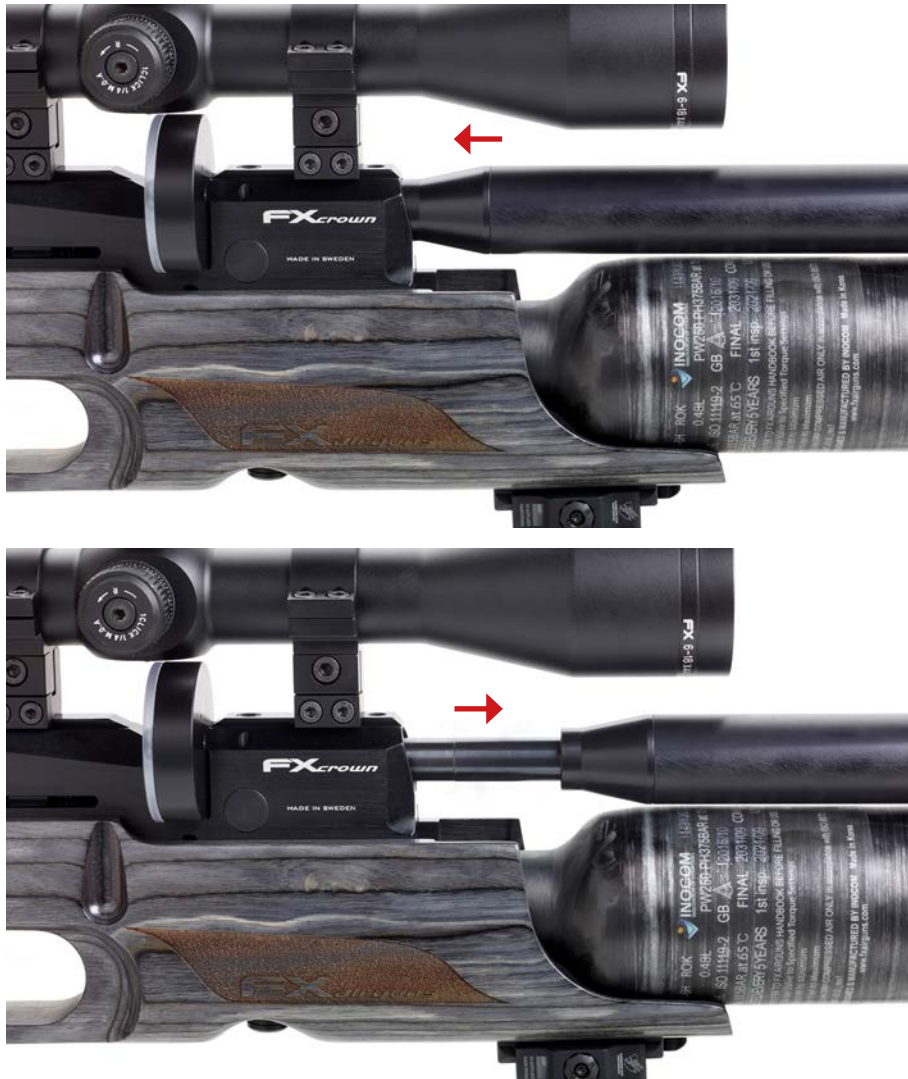
Set the safety to its safe position.

Then remove the pelletprobe locking screw. See red pointer.

Pull the probe rearwards, replace and tighten the screw again.

Uncock the rifle, see cocking and loading section.

NOTICE – Never fire the gun without pelletprobe mounted.



Shroud-system (variations may occur depending on country)

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.

To get it fixed in extracted mode rotate whilst pushing until you feel that it slips into position.



Trigger Adjustments

For liability reasons, we cannot give detailed instructions on trigger adjustments.

The following diagram is a reference showing adjustment screws and what aspect of the trigger they adjust.

The 2nd Stage Adjustment (A) is the break or release weight adjuster.

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

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 affect 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 power

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

1. Front power adjuster - The airflow adjuster is located on the left front side of the breechblock. This gives you the ability to adjust the power from high to low. Low setting is for low power on all caliber.

Caliber Setting is max power for selected caliber.

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

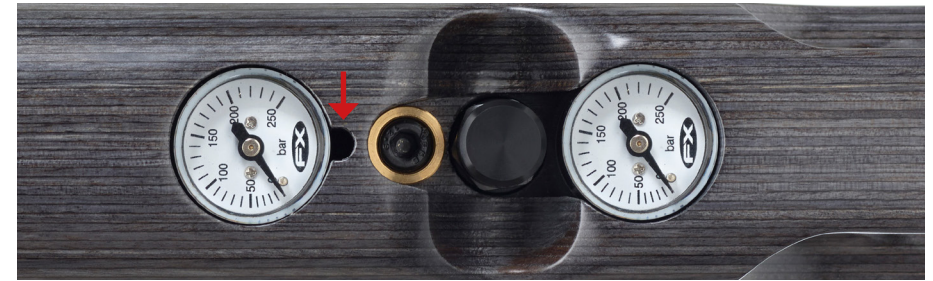
2. Rear power adjuster – The spring tension adjuster is located on the left rear side of the breech block.

The spring tension adjuster wheel is a quick way to fine tune the power and accuracy of your rifle and has 7 fixed levels.

Simply rotating the wheel while the gun is uncocked in either direction will set the power from Maximum to Minimum.

It will read letters on one side and figures on the other side as there can be small difference in power between the two sides. 1 and E is on the low side and 5 and A is on the high side.

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



3. Externally Adjustable Regulator

In the stock beside the front pressure gauge there is a machined slot where the adjustment screw is located.

To adjust the regulator pressure, start by unscrewing the air bottle to release the air on the tank pressure side.

Read regulator gauge pressure, if not zero continue as follows.

Set the secondary power adjuster wheel to MIN and fire off empty shots until the regulator pressure releases and reads zero.

NOTICE – Fire in a safe direction

Once empty, use a 2,5mm Hex key and gently turn the 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 55-160 pressure for various uses.

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 use the gun below the set regulator pressure as damage to the system may occur and will void your warranty!



Loading the Magazine

To load the Crown 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 prepare the rifle for use by pulling rearward on the cocking lever until it clicks in the rearward position.

Then set the safety to its safe position.

Carefully insert the magazine in the magazine slot, ensuring the pellets face the correct direction.

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.

Uncocking the rifle/inactivating trigger system

Pull the cocking lever to its rear position, put the safety to Fire.

While holding the cocking lever in its rear position you squeeze the trigger and at the same time you gently move the cocking lever forward. Trigger must be pulled throughout the whole procedure.



www.fxairguns.com

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Västerängsvägen 10, 542 35 Mariestad, Sweden

info@fxairguns.com

