

**FX**airguns MADE IN SWEDEN



**OWNER'S MANUAL**

SINGLE SHOT • REPEATER • SEMI-AUTOMATIC



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## 1 WARRANTY

All FX Airguns carry a One Year Warranty against faulty workmanship and defective materials. Contact the dealer from which you purchased the gun if it becomes necessary.

If the rifle develops a defect within the warranty period, contact the dealer from whom it was purchased. The guarantee does not cover any damage caused by tampering with the rifle.

This rifle should only be disassembled by factory-authorized repairmen.

## 2 WARNING!

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 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!*

## 3 GENERAL INSTRUCTIONS

- The FX Rifles should be fitted with a scope or alternate optic sights before use.
- Before using your rifle, read and abide by the basic safety rules.
- We recommend the use of our own FX Pellets

## 4 OPERATING INSTRUCTIONS

### 4.1 CHARGING THE RIFLE

A quick connector is supplied with the rifle and is threaded with a 1/8" thread. Make sure that the thread is the same at the charging source then attach the quick connector at your charging source.

Make sure that the fill probe and filler hole are clear from any dirt. Feel free to use lubricant on the o-rings to increase their life.

**Note:** Use any lubricants in moderation.



#### Fillprobe Type MkI:

Insert the fill probe into the rifle filler hole located at the end of the air tube. Revolution have the filling holes hidden under the front piece of the stock and have to have the cocking mechanism in the rear position to have the filler hole visible.



#### Quick Connector MkII:

Push the connector over the male connector.

Close ventilation screw on the charging source. Charge the rifle to its Maximum level which is, this may vary from 200-250 bar, check maximum fill pressure engraved on the action.

Always check the pressure on the charging source, they have in most cases a more reliable gauge the gauge on the rifle is more of an indicator to see if you need to charge or not.

If a hand pump is used the moisture trap must be opened at regular Intervals during the pumping cycle.

**If you want to uncock the rifle after filling your Revolution:** Simply squeeze the trigger at the same time as you keep one hand on the cocking and gently move it to the front position while still keeping the finger squeezing the trigger.

**WARNING:** Only dry air should be used! Under no circumstances should oxygen or any other gas be used to fill the airtubes! This could result in a serious explosion!



#### **Built in pump:**

The use of the built in pump on Independence and Indy. Put the rifle in the palm of your hand on the opposite side of the pump handle. Then extract the pump sidelever fully with the other hand and then pull/push it back to its original position.

Repeat this until you have achieved wanted pressure in the system. The system is equipped with a safety valve system that release the air at approximately 240-250 bar.



#### **4.2 SAFETY**

Push the safety lever to the rear position to engage the safety. To obtain firing position, push the safety lever to its forward position.

#### **Location of safety lever:**

**Right side:** All except Monsoon. (Typhoon and T12 uses the cocking bolt as safety in its rear and down position).

**Left Side:** Monsoon

#### **Uncocking the rifle/inactivate trigger system:**

Pull the cocking lever to its rear position squeeze the trigger at the same time as you keep one hand on the cocking bolt/pump action and gently move it to the front position while still keeping the finger squeezing the trigger.

**WARNING:** Like all other mechanical devices, safety mechanisms can be negatively affected by wear, abuse, dirt or corrosion. Never assume that it is a foolproof way of preventing a accidental discharge and always follow the safety code when handling an air rifle.



### 4.3 LOADING THE MAGAZINE

#### General:

The magazine is designed to fit only one way into the rifle. When viewed from the rear the magazine rotates clockwise except for Wildcat in lefthand version.

#### 8 Revolver magazines:

#### Removal:

Push the safety to its safe mode and/or pull the cocking lever to its rear position. On the Cyclone and Ranchero you need to pull the brass ring backwards to be able to release the magazine. On the Wildcat you can just pop it out as it is locked in position with spring tensioned steel balls.

*For uncocking the rifle see: Point 4.2*

#### Insertion:

For first time use, position the magazine in the rifle without pellets to understand its function.

- Push the safety to its safe position and pull the cocking lever until it locks.
- Insert the magazine into the slot.
- On the Cyclone and Ranchero you need to push the brass ring forward to lock the magazine in place, rotate magazine until it indexes with a click.
- On the wildcat you grab the sidelever and give it a twitch backwards and the magazine will index.



#### Loading pellets:

Load pellets from the rear of the magazine, pushing them through the retainer "O" ring until the skirts are in line with the bottom of the magazine face.

Be careful not to squeeze or damage the pellet as this could affect accuracy.

Once loaded, insert the magazine back into the slot. Push the cocking lever to its forward position. This will chamber a pellet into the barrel and you are ready to fire when safety is off.

**Do Not Close the Cocking Lever Until You Are Ready to Fire the Rifle!**



### Spring tensioned magazines:

#### Removal:

Push the safety to its safe mode and/or pull the cocking lever to its rear position. The magazine can now be removed from the slot.

**Note:** On FX Biathlon you need to pull the thumb-return button rearwards until you feel a click. When magazine is removed just give the sidelever a pull and it will release.

*For uncocking the rifle see: Point 4.2*

#### Insertion:

For first time use, position the magazine in the rifle without pellets to understand its function. You cannot push the cocking lever to front position when magazine is empty. Push the safety to its safe mode and/or pull the cocking lever to its rear position. Insert the magazine into the slot.

**Note:** On FX Biathlon you need to pull the thumb-return button rearwards until you feel a click. When magazine is inserted just give the sidelever a pull and it will release.

#### Loading pellets:

Load pellets by pushing the transparent lid counter clockwise until it stops. Keep a firm grip on the lid in the end position.

- Put one pellet in the open slot from the rear side of the magazine, the tip of the pellet shall be pointing out of the hole.
- The back of the pellet should now be seen thru the transparent lid.
- This pellet will lock magazine spring.
- Be careful not to squeeze or damage the pellet as this could affect accuracy.
- Now turn the magazine so that the transparent lid is facing you.
- Turn the lid clockwise one slot at the time and fill in remaining pellets from the transparent side.
- Lock lid at starting position



#### WARNING:

Do not use pellets with more weight than 16 Grains / 1.030 Gram on the Monsoon

## 4.4 COCKING AND LOADING

**General:** Never fire the rifle below 50bar for sub 12ft/lbs rifles and below 100 bar for Fullpower rifles. This can damage the rifle with leakage as a result.



#### Single shot actions:

- Pull the cocking lever/handle backward as far as possible without hesitation.
- Insert a pellet of appropriate caliber into the barrel breech or simply lay the pellet in the pellet tray (Typhoon) as shown in the picture. be careful not to squeeze or damage the pellet as this could affect accuracy.
- Push the cocking lever/handle forward as far as possible. This chambers a pellet into the barrel and you are ready to fire. The rifle is now cocked and ready to fire.



#### Magazine loaded rifles:

- Pull the cocking lever/handle backward as far as possible without hesitation.
- Trigger will engage and the magazine will line up a pellet with the barrel.
- Push the cocking lever/handle forward as far as possible. This chambers a pellet into the barrel and you are ready to fire.
- Repeat above to fire more rounds.



If you're not pulling the cocking lever/bolt all the way back the trigger won't engage and you will end up with a pellet in the barrel but won't be able to fire. If this happens, remove magazine and fire the round that is located in the barrel. Then start from the beginning.

*Do not repeat cocking without firing ! each time you cycle you will chamber a pellet into the barrel.*



**Semi-Auto actions:**

- Pull the cocking lever/handle backward as long as possible without hesitation.
- Trigger will engage and the magazine will line up a pellet with the barrel.
- Push the cocking lever/handle forward as far as possible, this chambers a pellet into the barrel and you are ready to fire.
- When magazine is empty the magazine is designed so it will stop reloading automatically.

If you're not pulling the cocking lever/bolt all the way back the trigger won't engage and you will end up with a pellet in the barrel but won't be able to fire. If this happens, remove magazine and fire the round that is located in the barrel. Then start from the beginning.



#### 4.5 AIR TUBES

##### Removal:

Not possible for all rifles, see specification for your model.

##### Front air tube:

Grab the tube and unscrew it counter-clockwise. This shall be done with a minimum of 100 bar inside the air tube otherwise the air tube will separate from its tube end caps. There will be a small air escape from the air trapped in between air tube and rifle.

##### Rear air tube:

The same procedure as for the front air tube but if your rifle is equipped with both front and rear tube you need to unscrew them little by little. If you turn just one whole rotation on each tube at a time both valves will close at the same time and you will have no pressure loss. If you just unscrew one bottle at a time, air from the other air tube will blow out thru the rifle.

#### Attaching:

##### Front air tube:

Just grab the air tube and start to screw it on to the rifle clockwise. Be careful so that you don't damage the thread.

##### Rear air tube:

The same procedure as for the front air tube but if your rifle is equipped with both Front and rear air tube you need to screw one of them on first. When you feel that the valve touches the base, you attach the other air tube fully and then go back and tighten the first air tube.

#### 4.6 Poweradjuster

**Not available for all models, see specification for your model.**

**There are two types of power adjusters.**

- The flat version you have three different settings and is operated by moving the handle from side to side.
- The cylindric version where you turn a wheel to get two or three different settings depending on model. This model can be turned all the way around in whatever direction you might choose.



Be sure that the adjuster wheel is positive in one of the detents before firing the rifle!

**Note:** If the power adjuster hasn't been used for a while it may need some force to move for the first time. You might notice a little air blowing out at the power adjuster when shooting, this is fully acceptable and doesn't affect the power or accuracy.



## 5 ARROW VERSIONS, HANDLING.



### 5.1 QUICK CHANGE BARRELSYSTEM

To remove/attach barrel you loosen the knob on top of the action where the barrel is mounted.

Then you counter clockwise the barrel and to attach it you just do the opposite.



### 5.2 QUICK CHANGE OPTICS

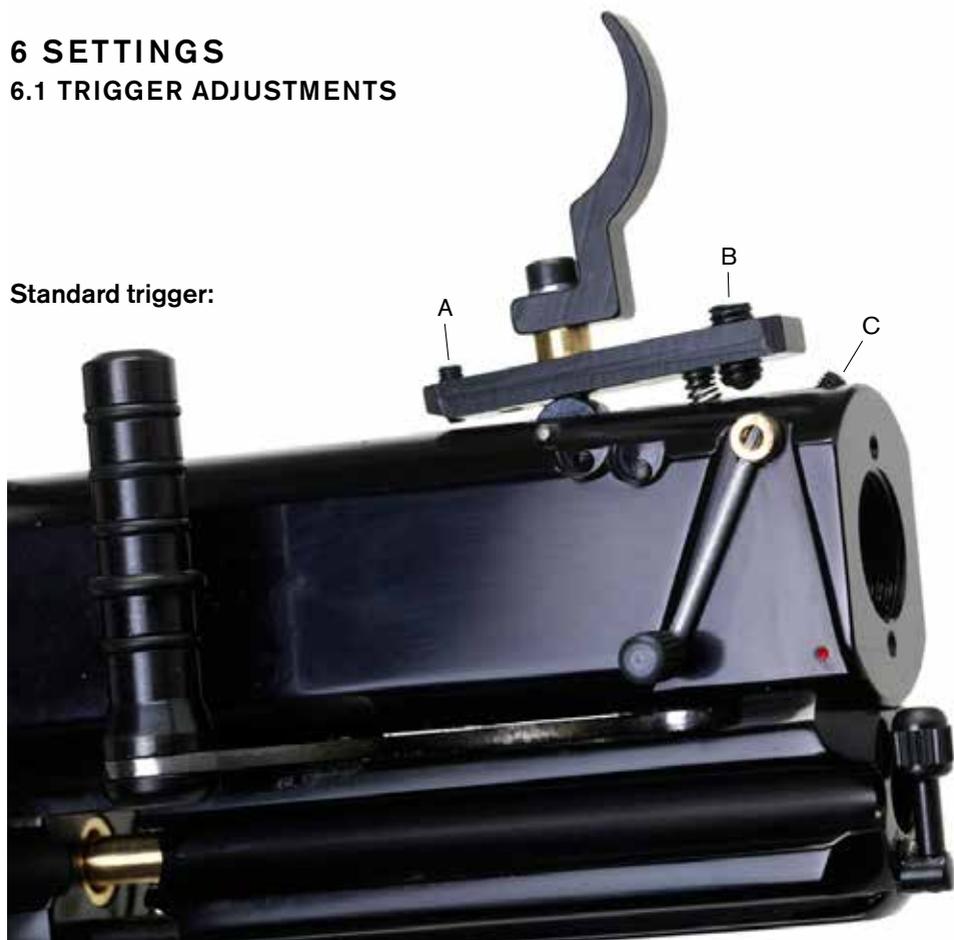
The Extreme kit is equipped with quick change mounts on the optics to be able to change between optics for arrows and pellets.

We recommend use of 3-12x44 for Arrow and 6-18x44 for pellets.

## 6 SETTINGS

### 6.1 TRIGGER ADJUSTMENTS

Standard trigger:



#### A. First Stage, Length of pull

Turning Clockwise will reduce the amount of first stage travel.

**WARNING:** If the length of pull is too small it can prevent trigger to engage.

#### B. Second Stage, Resistance of pull

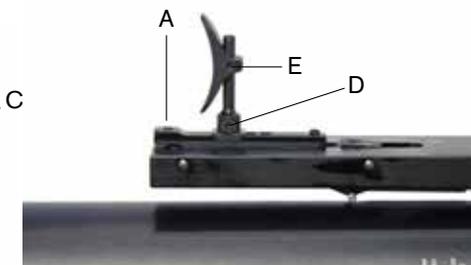
Turning Clockwise increases the resistance of the second stage.

#### C. Safety Catch Adjustment

Should be adjusted to prevent triggersystem from being pulled while in the safe position. Adjust screw as far counter-clockwise as possible, the further out the safer.

**WARNING:** Always make sure the safety works after adjustment has been made to the trigger system!

Bobcat/Indy trigger:



Additional adjustment Bobcat/Indy:

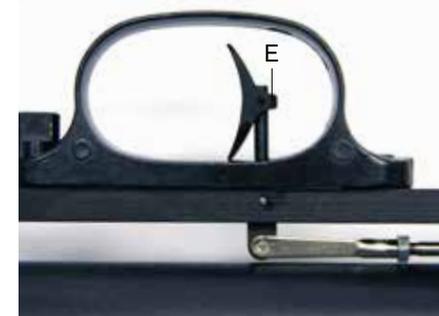
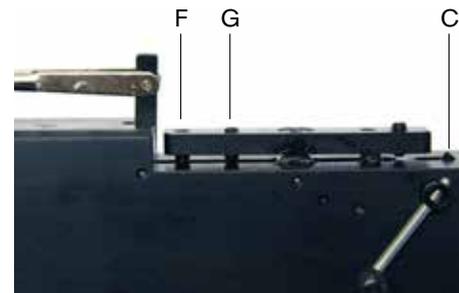
#### D. Triggerfinger length.

Loosen screw to adjust the position of the trigger.

#### E. Triggerblade position.

Loosen screw to adjust trigger blade position.

Wildcat triggersystem:



#### E. Trigger blade position.

Loosen screw to adjust trigger blade position.

#### F. First Stage, Length of pull

Turning screw F clockwise reduce the length of first stage travel, but also affects point G. F and G works together and might need some adjustment back and forth to get it right.

#### G. Second Stage. Resistance of pull.

Turning screw G clockwise will increase resistance of the second stage, but also affects point F. F and G works together and might need some adjustment back and forth to get it right.

**WARNING:** Always make sure the safety works after adjustment has been made to the trigger system!

## 6.2 RECOIL PAD ADJUSTMENT



**Model 16051:** Loosen the screw in the middle (seen on the picture) to be able to move the recoil pad. Tighten screw when recoil pad is in desired position.

*Tool required: Slotted Screwdriver*



**Model 11526:** There are two hex/ allen screws hidden in the recoil pad that have to be loosened to be able to move the recoil pad. Tighten screw when recoil pad is in desired position.

**Note:** Cyclone with synthetic stock has this recoil pad but it is not adjustable.

*Tool required: 3 mm Hex Key (allen key)*

## 6.3 CHEEK PIECE ADJUSTMENT



### Rifles with rear bottles only:

Loosen the hex/allen key located in the top of the bottle cover/cheek piece and you are able to adjust both length and angle. Tighten screw when bottle cover/cheek piece is in desired position.

*Tool required: 5 mm Hex Key (allen key)*



### Revolution calibre 5.5:

If you attach a silencer to your Revolution you must reduce the reloading power. This is done by releasing the reloading pressure on the Hex/allen screw shown on next page. You can see the screw in the air escape hole on the side of the rifle and you are able to adjust this 6 whole rotations from bottom and out.

Too much reloading pressure: Trigger system will wear out faster. Too little reloading pressure: rifle won't cycle.

*Tool required: 2,5 mm Hex Key (allen key)*

## 7 MAINTENANCE

### 7.1 REPLACEMENT OF O-RINGS

#### Fillprobe MkI:

After a period of time, the O-rings on the fillprobe will need to be replaced. The need for this will become noticeable if air is heard leaking from the nozzle while charging the rifle. Always be sure to replace both O-rings.

### 8 shot revolver magazines:

After a period of time it might become necessary to replace the O-ring that retains the pellets in the magazine. The need for this will become noticeable when the rifle's bolt becomes difficult to cycle or if pellets fall thru when loading the magazine.

## 7.2 LUBRICANT

### General:

Keep the rifle clean and wipe it off with regular gunoil and a cloth occasionally.

### Fillprobe:

Apply a thin layer of suitable mineral based oil occasionally or when dried out.

### 8 shot magazines:

Apply a thin layer of suitable mineral based oil occasionally or when dried out.

### Cocking bolt and sidelever sliding surface:

Apply a thin layer of Fuchs Renolit RHF-1 grease or a standard multipurpose grease occasionally or when dried out.

**WARNING:** Never use grease or spray oil in the moving parts inside the gun. This can result in unstable power and also leakage. **Be moderate with lubricant.**

## 7.3 CLEANING

### General:

Keep the rifle clean and wipe it off with regular gunoil and a cloth occasionally

### Barrel:

We recommend that you use cleaning pellets occasionally. You can shot them thru the barrel without the risk of damaging the barrel.

**WARNING:** Never use sharp chemicals or water to clean the rifle.

## 7.4 STORAGE

**General:** Store in a place that is dry and dark. Store with a pressure between 50-200 bar in the rifle.

### WARNING:

- Keep away from spaces with high humidity as steel parts might corrode.
- Keep away from bright sunlight as this shortens the life of the o-rings.
- Never store the rifle loaded with pellets.

## 7.5 TROUBLE SHOOTING

This info only covers the most common malfunctions.

### Leakage:

Problem	Solution
Air leaks out thru the barrel.	Main valve needs replacement
Air leaks out thru charging hole	Inlet valve needs replacement
None of above	Contact you dealer

### Precision:

Problem	Probable cause	Solution
Precision	Pellets	Try different pellets
	Magazine	Check magazine for malfunction, replace if needed.
	Silencer	Remove and try without
	Barrel breech o-ring	Check o-ring in barrel breech, replace if needed.
	Barrel support	Remove and try without
	Low pressure	Charge the rifle
	None of above	Contact you dealer

### Malfunction:

Problem	Probable cause	Solution
Trigger wont engage	Worn trigger parts	Try adjusting, replace if needed.
Rifle wont fire	Empty of air, or as point 1	Charge the rifle
Rear bottle is wobbling	Bottle mount has loosened	Mount needs to be tighten a.s.a.p.
Rifle wont auto reload On my Semi Auto	Pellet leftovers	Remove end cap and clean out. The air chamber and also return pipe on the revolution.
	Worn trigger parts	Try adjusting, replace if needed
	Low pressure	Charge the rifle
	Too much pressure	Shoot a couple of rounds with just air to get the pressure down
None of above		Contact your dealer



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