

FX



Rancho



OWNER'S MANUAL

READ THIS MANUAL BEFORE USING
YOUR NEW AIRGUN

Warranty

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

*NOTE: Always use caution when operating this rifle. Learn and obey the laws of your city, and be responsible in your use of this weapon.

WARNING!

Never attempt to disassemble this rifle while it is charged, except for removal and replacement of the air cylinder. Failure to obey this instruction could result in personal injury or damage to the gun.

Specifications For Use and Maintenance of The FX Ranchero

The FX Ranchero is an 8-shot, pre-charged pneumatic air pistol. It is available in .177 (4.5mm) and .22 (5.5mm).

SPECIAL FEATURES:

1. Removable, 8-shot, automatic indexing, rotary magazine, reloadable on or off the pistol
2. Adjustable 2-stage trigger
3. Built-in pressure gauge
4. Lothar-Walther match grade rifled barrel (Shrouded .22)
5. Standard quick-fill nozzle
6. Removable air cylinder
7. Custom walnut match grip with small fore end.
8. Standard dovetail groove for scope mounts
9. 3-stage power wheel with settings at 9, 13, and 16.5 ft/lbs

BARREL LENGTH: 8.5 inches

OVERALL LENGTH: 18 inches

WEIGHT (without sight): 3.3 lbs

MAXIMUM CYLINDER FILL PRESSURE: 220 BAR

NUMBER OF SHOTS FROM A FULL CHARGE:

24@16.5ft/lbs*

30@13ft/lbs*

36@9ft/lbs*

*Number represents count taken in a range of usable, consistent shots using standard air cylinder provided with the pistol.

General Instructions

The FX Ranchero must be fitted with a scope or alternate optic sights before use. Before using your pistol, read and abide by the basic safety rules.

The Basic Safety Rules:

1. Treat every rifle/pistol as if it is loaded.
2. Never point the pistol at anyone, or allow anyone to point the pistol at you, even if you know it is not loaded.
3. Always carry the pistol so that the direction of the muzzle is under control, even if you stumble.
4. Always be sure of your target and what lies behind it before firing your pistol.
5. Never leave a loaded pistol unattended.
6. Beware of targets that tend to cause ricochets.

Operating Instructions

Charging the Pistol

Insert the nozzle of the fill hose into the pistol's fill hole located in the end plug of the tank at the muzzle end of the pistol, after making sure the hole is clear of dirt. Charge the pistol to its optimal range, without exceeding **220 BAR**.

***Undo the bleeder valve on the hose before disconnecting the fill nozzle from the pistol.**

Safety Operation

Putting the safety lever in the rear position engages the safety. To return the pistol to the firing position, push the safety lever forward.

Loading the Magazine

The magazine is designed to only fit one way into the breech. When viewed from the rear the magazine rotates clockwise. There is a groove on the side of the breech that allows you to view whether the next index is loaded before it rotates.

To remove the magazine, put the pistol on safe and pull the cocking lever rearward. Then slide the magazine release rearward. The magazine can then be removed from the breech. Load pellets from the rear of the magazine, pushing them through the retainer “O” ring until the skirts are flush with the bottom of the magazine face.

Once reloaded, insert the magazine back into the breech. While putting pressure in on the magazine, push the cocking lever forward. This will automatically close the magazine release and chamber a pellet into the barrel. If necessary, rotate the magazine counter-clockwise until its movement is halted by the spring stop.

Do Not Close the Bolt Until You Are Ready to Fire!

Bolt Operation

To cock the rifle and index the magazine, pull the cocking lever to the rearward most position. This sets the trigger. Pushing the cocking lever forward chambers a pellet into the barrel for firing.

Use Caution To Avoid Loading More Than One Pellet.

Power Adjuster Settings



Forward Position (1) - 9 ft/lbs
Middle Position (2) - 13 ft/lbs
Rearward Position (3) - 16.5 ft/lbs

Bolt Positions / Magazine Removal



Cocking Lever Forward
(Uncocked or Ready to Fire)



Cocking Lever Back
(Trigger is Set)



Magazine Release Back
(Magazine is Out)



Quick Fill Nozzle “O” Rings Replacement

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

Magazine “O” Ring Replacement

After much use, it may become necessary to replace the “O” ring that retains the pellets in the magazine. The need for this will become noticeable when the pistol’s bolt becomes difficult to cycle.

Adjusting the Power

The FX Ranchero has a power adjuster wheel with three steps:

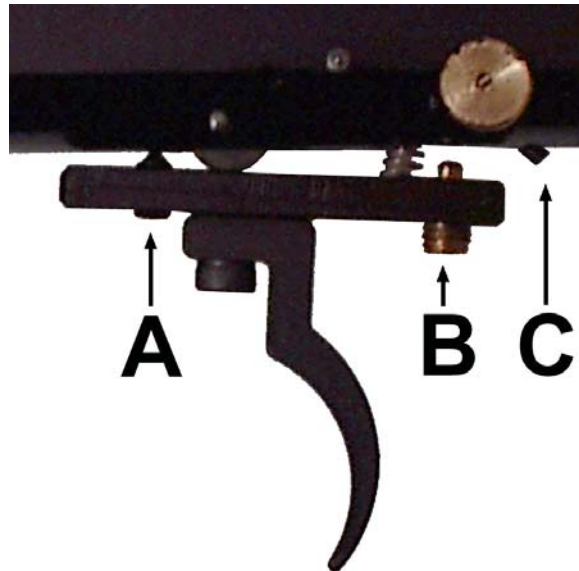
Forward Position – 9 ft/lbs

Middle Position – 13 ft/lbs

Rearward Position – 16.5 ft/lbs

***Be sure that the adjuster wheel is positive in one of the three detents before firing the pistol!**

Trigger Adjustments



A - 1st Stage Length / 2nd Stage Sear Engagement

Turning Clockwise will decrease the amount of 1st stage travel

Turning Counter-Clockwise will increase the amount of 1st stage travel

WARNING: Turning Clockwise too much will eliminate the 2nd stage and prevent sear engagement

B - 2nd Stage Sear Engagement / Let Off Weight

Turning Clockwise increases sear engagement and let off weight

Turning Counter-Clockwise decreases sear engagement and let off weight

WARNING: Turning Counter-Clockwise too much will result in zero 2nd stage

C - Safety Catch Adjustment

Should be adjusted to prevent trigger from being pulled while in the safe position

WARNING: Failure to adjust this screw after altering the trigger can result in a non-functioning safety

Maintenance

WARNING!

Never attempt to strip this pistol while it is partially or fully charged, except for removal and replacement of the air cylinder. Failure to obey this instruction can result in serious injury and/or damage.

If the pistol 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 pistol.

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

Lubrication

Do not apply lubrication to the air filler nozzle or the air filler hole on the rifle.

Apply proper mineral based oils occasionally to the following parts:

1. The trigger mechanism
2. The pellet probe
3. The cocking lever sliding surface
4. The stem of the hammer assembly
5. The stern of the magazine pin and magazine release
6. The magazine axis hole and the outer “O” ring

Do Not Over-Lubricate the Pistol