

# The FX Tarantula



## OWNER'S MANUAL

READ THIS MANUAL BEFORE  
USING YOUR NEW AIRGUN

## **Warranty**

The FX Tarantula 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. Failure to obey this instruction could result in personal injury or damage to the gun.

# **Specifications For Use and Maintenance of The FX Tarantula**

The FX Tarantula is an 8-shot, pre-charged pneumatic air rifle. 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 rifle
2. Adjustable 2-stage trigger
3. Pressure gauge built-in to air cylinder
4. Top grade rifled barrel
5. Standard quick-fill nozzle
6. Checkered stock with pistol grip and rubber recoil pad. Available in beech or walnut.
7. Standard dovetail groove for scope mounts

**BARREL LENGTH:** 19.7 inches

**OVERALL LENGTH:** 39.5 inches

**WEIGHT (without sight):** 6.6 lbs

**MAXIMUM CYLINDER FILL PRESSURE:** **200 BAR**

**NUMBER OF SHOTS FROM A FULL CHARGE:**

**100@12ft/lbs in .177\***

**40@25ft/lbs in .177\***

**100 @12ft/lbs in .22\***

**30 @ 30ft/lbs in .22\***

\*Number represents count taken in a range of usable, consistent shots

# **General Instructions**

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

## **The Basic Safety Rules:**

1. Treat every rifle as if it is loaded.
2. Never point the rifle at anyone, or allow anyone to point a rifle at you, even if you know it is not loaded.
3. Always carry the rifle 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 rifle.
5. Never leave a loaded rifle unattended.
6. Beware of targets that tend to cause ricochets.

# **Operating Instructions**

## **Charging the Rifle**

Insert the nozzle of the fill hose into the rifle's fill hole located in the end plug at the muzzle end of the rifle, after making sure the hole is clear of dirt. Charge the rifle to its optimal range, without exceeding **200 BAR**.

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

## **Loading the Magazine**

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

To remove the magazine, open the bolt and pull the magazine axis pin open. The magazine can then be removed from barrel housing. 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 rifle, and retain it with the magazine axis pin. If necessary, rotate the magazine counter-clockwise until its movement is halted by the spring stop.

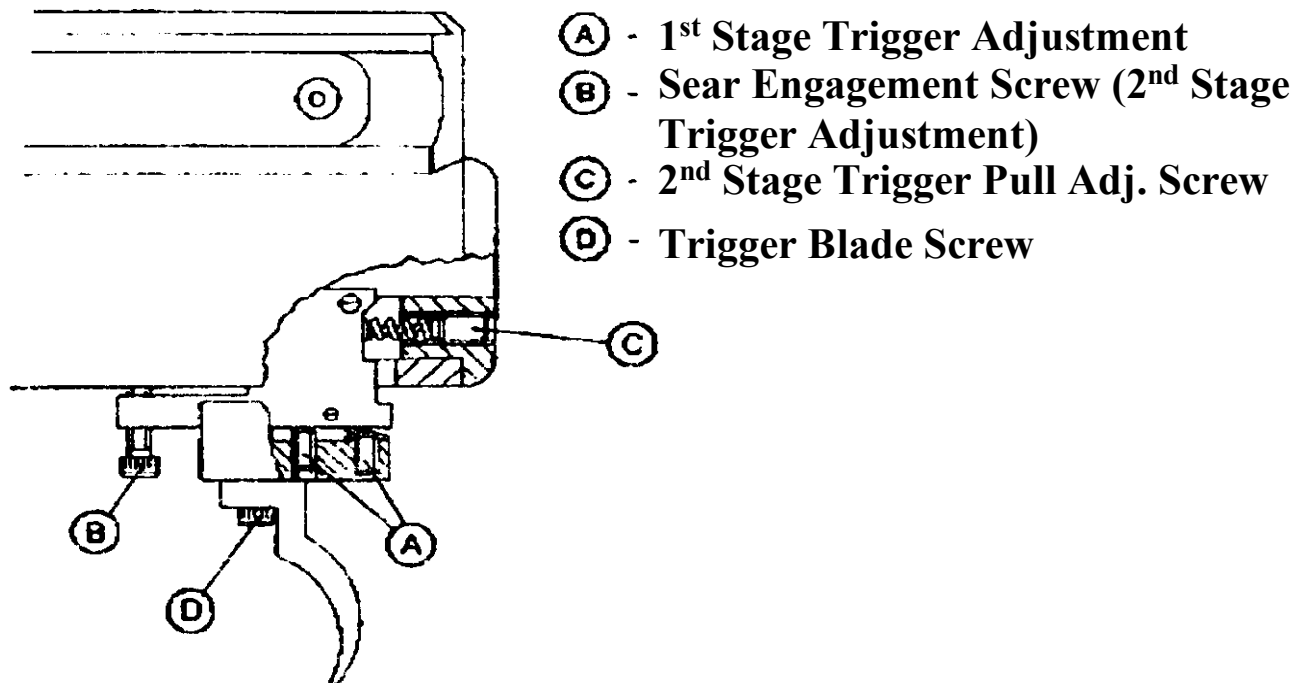
**Do Not Close the Bolt Until You Are Ready to Fire the Rifle!**

## **Bolt Positions**

To cock the rifle, lift the bolt and pull back to the rear position. This sets the trigger. Returning the bolt to the forward position loads a pellet and makes the rifle ready to fire. The rear slot serves as a safety and dry fire position. Rifle is fully disabled with bolt up and back. To cycle the magazine, slide bolt from forward to rear position.

**Use Caution To Avoid Loading More Than One Pellet.**

# Trigger Mechanism Adjustment



## Note

1. Before making any adjustments to the trigger mechanism, make sure the magazine is removed and the barrel is not loaded with a pellet.
2. If the sear engagement screw is adjusted, make sure to leave enough sear engagement with the hammer to ensure safe operation of the rifle.
3. Test fire the rifle before replacing a loaded magazine.

# Adjusting the Power

To adjust the power, remove the stock and locate the air transfer port restrictor screw, located on the right-hand side of the cylinder. Turn the restrictor screw counter-clockwise to increase the velocity and clockwise to reduce the velocity. Once the adjustments are complete, blue Loctite may be applied to the air transfer port restrictor screw.

# **Maintenance**

## **WARNING!**

**Never attempt to strip this rifle while it is partially or fully charged. Failure to obey this instruction can result in serious injury and/or damage.**

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, or by a competent gunsmith.

## **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 bolt slot shroud
4. The stem of the hammer assembly
5. The stern of the magazine axis pin
6. The magazine axis hole and the outer “O” ring

**Do Not Over-Lubricate the Rifle**

## **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 rifle. Always be sure to replace both “O” rings.

## **Magazine “O” Ring Replacement**

After several hundred rounds are fired, it will 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.



**This owner's manual was  
provided as a service to you  
by:**



[www.airgunsofarizona.com](http://www.airgunsofarizona.com)

[airguns\\_az@yahoo.com](mailto:airguns_az@yahoo.com)

Phone: (480)461-1113

Fax: (480)461-3928