



OWNERS MANUAL

FOR THE

FALCON PRAIRIE



Model shown is fitted with optional scope.

Pneumatic Air Rifles.

With proper care your Falcon air rifle will give you many years of fine reliable service.

PLEASE READ THIS HANDBOOK BEFORE OPERATING YOUR FALCON AIR RIFLE,
IT IS AN IMPORTANT MAINTENANCE AND SAFETY GUIDE.

Remember.

Always treat your rifle as if it is loaded.

Never point your rifle at anyone even if unloaded or not cocked.

Always be sure of what lies beyond your target.

Always conduct yourself in a sportsmen like manner.

Treat all airguns with care. They are not toys and can severely injure yourself or others and cause damage to property.

Always be aware that your actions will be under the scrutiny of other members of the public who may not share your enthusiasm for air guns.

Bad practises promote bad publicity. Do not jeopardise your future enjoyment by misusing this gun.

Warning. Pre-Compressed Pneumatic (PCP) air guns work under very high pressure and must NOT be tampered with in any way.

Falcon Airguns reserve the right to alter the construction, appearance or performance of any product without prior notification. All illustrations are for information only and do not necessarily show the exact model that was purchased.

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Section 1.

Charging the air reservoir.

Please Note: The recommended maximum charging pressure for your **PRAIRIE FALCON** pre-charged air rifle is 3000psi (205bar). At this pressure you will attain the optimum number of shots for sporting purposes.

For target shooting a pressure of 2700psi (185bar) is suggested but some experimentation with the initial charge pressure is encouraged.

How to charge the air reservoir

1. At the front of the air reservoir there is a knurled bezel. Turn the bezel and hole will appear in the underside of the air reservoir tube. Fig 1.
2. Ensure that the area around the hole and the charging probe, which is attached to the hose of the charging set by a 1/8th BSP connector, are completely free of dust and dirt. **Note:** It is recommended that a short blast of air is released through the charging set before connecting it to the rifle to remove any dust or dirt that may have accumulated in or around the connector. This will stop dirt entering the air reservoir and possibly fouling the valve seats.
3. Insert the charging probe into the hole in the reservoir tube as far as it will go. Fig 2. & Fig 3.



Make sure the probe is pushed in all the way.

4. Close the bleed valve on the charging set then ***SLOWLY*** open the main valve on your air cylinder and fill the air reservoir to the required pressure. ***Do not exceed the recommended fill pressure because too much pressure behind the valve head will prevent the valve from opening properly.*** Shots from an overcharged rifle will be down on power until the correct pressure is reached.

5. When the pressure in the air reservoir has reached the correct level, close the main valve on your air cylinder and slowly open the bleed valve on your filling kit to vent the air trapped in the hose. Fig 4.



6. Disconnect the charging kit from the rifle and turn the knurled bezel until the hole in the air reservoir tube is closed. This will prevent any dust or dirt from contaminating the air reservoir and valves.

Note: To maintain the valves and seals of your rifle in the best possible condition it is strongly recommended that you keep pressure in your air reservoir even when the rifle is not being used.

Section 2.

Loading and firing single shot rifles.

1. Open the breech by lifting the bolt handle and pulling it backwards as far as it will go. Fig 6. *This will cock the rifle.*
2. The bolt will remain in the rearward position with the loading port exposed.
3. Place a pellet into the loading port. Fig 7.
4. Slide the bolt handle forward. This will push the bolt and pellet into the breech and seat the pellet into the rifling in the barrel. Lock the bolt handle down. Fig 8. *The rifle is now loaded and ready to fire.*

Fig 6.



Fig 7.



Fig 8.



5. To fire the gun pull back the trigger until the pellet is released.

6. If you do not wish to fire the rifle immediately after cocking, *engage the safety* by pushing the lever alongside the trigger blade forward. Fig 9. Alternatively, lift the bolt handle, pull it back as far as it will go and keep a firm grip on it. Press the trigger and slowly allow the bolt handle to move forward until it can be locked down. The gun will now be de-cocked. *Do not try to cock the rifle with the safety engaged.*

Remember that the pellet will remain in the breech until the rifle is cocked again and safely discharged.

NEVER POINT THE GUN AT ANY PERSON OR OBJECT ESPECIALLY WHEN LOADING OR DE-COCKING.



Section 3.

Loading and firing multi-shot rifles.

1. Multi-shot rifles are supplied with either 8 or 16 shot magazines.
2. To load the magazines, first open the breech by lifting the loading bolt handle and pulling rearwards. Fig 10.
3. Whilst holding the bolt handle back, slide the magazine out of the right side of the breech.
4. The pellets can now be loaded into the magazine, hold the magazine with the slot to the back and the indexing gear towards you. Fig 11.
5. Rotate the central drum clockwise until it comes to a stop with the figure 8 at the top. Fig 12. Use the brass thimble to stop the pellets falling all the way through. Fig 13. Feed the pellets into the empty chambers and then turn the drum anticlockwise to reveal the next empty chamber. When all 8 chambers are full the drum should continue to be rotated anticlockwise until it comes to a stop. The hole through which the pellets were loaded should now be partially blocked by the drum, this will stop the pellets from falling out.



Fig 10.



Fig 11.



Fig 12.



Fig 13.

6. With the 16 shot magazine the slider should be pushed across to block off the other hole and the loading process in steps 4 & 5 should be repeated. Fig 14.
7. To load the magazine into the rifle: slide the bolt handle back along the long slot and lock it down into the small vertical gate.
9. The magazine can now be slid into the breech.
10. Lift the bolt handle, slide it forwards and lock it into the forwards vertical gate. **The rifle is now cocked and loaded.**

Fig 14.



11. If you do not wish to fire the rifle immediately after cocking, *engage the safety* by pushing the lever alongside the trigger blade forward. Fig 15. *Do not try to cock the rifle with the safety engaged.*

Remember that the pellet will remain in the breech until the rifle is safely discharged.

NEVER POINT THE GUN AT ANY PERSON OR OBJECT ESPECIALLY WHEN LOADING OR DE-COCKING.

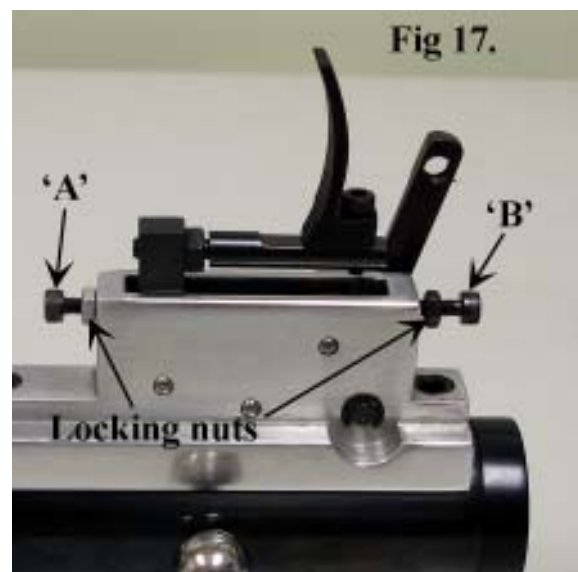


Section 4.

Trigger adjustment.

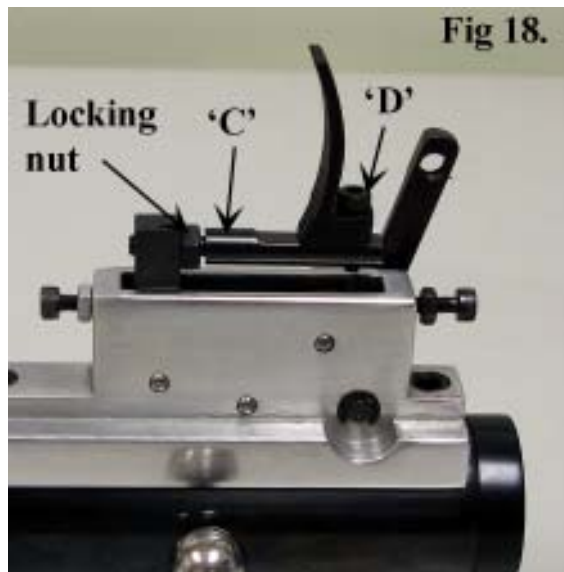
The trigger release pressure of Falcon sporting air guns is factory set at approximately 1400 grams (3lbs).

1. If further adjustment to the trigger is required, remove the action from the stock. This is achieved by removing the safety button first then remove the stock fixing screw located on the underside of the stock, Fig 16, and remove action from the stock.
2. Place the action on a suitable surface with the trigger unit uppermost.
3. Two adjusting screws with locking nuts are located one at the front of the trigger housing 'A', and one at the rear 'B'. The front screw adjusts the first stage pull and the rear screw controls the weight of pull. Fig 17.



4. Slacken the two locking nuts. Fig 17.
5. After making sure that there are no pellets in the breech, cock the gun. Using the correct size allen key (2.5mm), turn the rear adjusting screw 'B' clockwise until the gun fires. Now whined the screw half a turn anticlockwise and, with the allen key still in the screw to stop it from moving, tighten the lock nut.
6. Cock the action and try the setting by dry firing, (discharging the gun with no pellet in the barrel). If there is 'trigger creep' the adjusting screw 'B' may need to be screwed in a fraction more until a satisfactory discharge point is achieved. If the trigger is not holding and firing too soon, the adjusting screw will need to be unscrewed until it does hold. When you are happy with the adjustment, pull the bolt back sharply and let your finger slip off the bolt handle. The gun should remain cocked. Do this several times to ensure that the trigger sears are engaging correctly. If the gun discharges at this point a further adjustment of screw 'B' outwards will be required. Keep checking the adjustments in this way to make sure that the trigger is operating correctly and safely.
7. By screwing the front adjusting screw 'A' inwards (clockwise), you will shorten the first stage pull and by unscrewing it (anticlockwise), you will lengthen the pull. When you have set the pull to the required point, tighten the locking nut.
8. Your trigger is now set for weight and pull.

9. Reach can be adjusted by removing the trigger blade (first remove screw 'D'. Fig 18), loosening the locking nut on the trigger rod 'C' and screwing the trigger rod inwards to increase reach and outwards to decrease. The locking nut can then be retightened to lock the trigger rod into place.



10. The trigger blade can be adjusted for cant by slackening the screw which holds it to the trigger rod and turning the blade left or right. When the correct angle has been set re-tighten the screw.

11. Once the trigger has been adjusted to your satisfaction replace the action back into the stock.

12. Dry firing will not harm your rifle and should be used after adjusting the trigger to ensure that the sears are engaging properly.

Section 5.

Routine Servicing.

1. Always keep the surface of your rifle lightly oiled and remove all moisture and finger marks after use.
2. If the rifle has been used in wet conditions remove the action from the stock by unscrewing the allen headed bolts from the underside of the stock. Dry the action thoroughly and wipe it down with WD40 or a similar light oil.
3. Never put a damp rifle in a gun slip or bag.
4. To ensure that your rifle is maintained in the best possible condition we recommend that it is returned to your dealer or directly to the factory at least every two years for servicing.

Your rifle has been manufactured using the best materials and assembled by our skilled and dedicated staff to give you many years of trouble free enjoyment.

All of us at FALCON wish you.

GOOD SHOOTING.

Falcon Airguns, Unit 6, Hailsham Industrial Park,
Diplocks Way, Hailsham, East Sussex, England
BN27 3JF.

Tel: 0845 6588616. Fax: 0845 6588617.

Website: www.falcon-airguns.com

Email: sales@falcon-airguns.co.uk

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