

MODEL 84 OWNER'S MANUAL

CAUTION: THIS AIR GUN IS DESIGNED FOR USE BY EXPERIENCED SHOOTERS AND IS INTENDED FOR MATCH COMPETITION OR TARGET RANGE USE. CARELESS USE MAY RESULT IN SERIOUS INJURY OR DEATH. DANGEROUS WITHIN 475 YARDS (435 METERS). THIS AIRGUN IS NOT EQUIPPED WITH A TRIGGER SAFETY. IT MAY HAVE A TRIGGER PULL BELOW TWO (2) POUNDS AND MAY FIRE WHEN DROPPED.

SPECIAL FEATURES

1. Stained walnut stock.
2. Vertically adjustable butt plate with spacers.
3. Totally adjustable cheek piece.
4. Adjustable mechanical trigger.
5. Easy, one-handed cocking lever.
6. P.S.I. adjustment knob and LCD readout.
7. Large CO₂ refill tube.

FILLING CO₂ TUBE

NOTE: MUST USE CO₂ SOURCE THAT HAS A SYPHON TUBE TO ENSURE FILLING WITH LIQUID. TANKS WITHOUT SYPHON TUBES MUST BE TILTED DOWNWARD AT AN ANGLE OF AT LEAST 30 DEGREES.

CAUTION: EYE AND HAND PROTECTION REQUIRED.

1. Thread tank coupler on CO₂ source leaving the refill tube receptacle facing upward.

NOTE: TANK COUPLER SHOULD BE WRENCH TIGHT.

2. Insert brass threads of refill tube into receptacle on tank coupler, turning clockwise until hand tight. NOTE: REFILL TUBE SHOULD BE AS NEAR TO VERTICAL AS POSSIBLE.

3. Turn valve on CO₂ source to open position.

CAUTION: KEEP HANDS AWAY FROM ESCAPING CO₂ GAS. IT CAN CAUSE FROSTBITE IF ALLOWED TO COME IN CONTACT WITH SKIN. GAS MAY FREEZE EYE AND SKIN. WEAR EYE AND HAND PROTECTION.

4. Insert bleeder into black threads on refill tube. Turn clockwise until gas escapes slowly through top of bleeder valve.

5. Watch for liquid CO₂ to escape from top of bleeder (white gas).

6. Turning counter clockwise, remove bleeder.

7. Turn valve on CO₂ source to off position.

8. Slowly remove refill tube from tank coupler giving time for gas in coupler to escape slowly.

NOTE: WHEN INSERTING REFILL TUBE IN RIFLE, THE BLACK THREADS GO INTO GUN. TURN CLOCKWISE UNTIL TUBE IS SNUG. WHEN INSERTING TUBE, RIFLE SHOULD BE POINTING SLIGHTLY DOWNWARD.

CAUTION: DO NOT EXPOSE FULL REFILL TUBES TO EXTREME HEAT. STORE IN COOL AREA, OUT OF DIRECT SUNLIGHT.

IMPORTANT: IF ANY PROBLEM OCCURS WITH REFILL TUBE, DO NOT DISMANTLE, RETURN TO FACTORY FOR SERVICE:

LIMITED ONE YEAR WARRANTY

This product is warranted to the retail consumer for one year from date of purchase against defects in material and workmanship and is transferable.

What is Covered:

Replacement parts and labor. Transportation charges to consumer for repaired product.

What is Not Covered:

Transportation charges to Crosman for defective product. Damages caused by abuse or failure to perform normal maintenance. Sales outside of the United States. Any other expense. CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, OR INCIDENTAL EXPENSES, INCLUDING DAMAGE TO PROPERTY. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

How to Obtain Warranty Performance:

Attach to Product your name, address, description of problem, and phone number. Package and return Product to Crosman Airguns, Service Department, Routes 5 & 20, East Bloomfield, New York 14443.

Implied Warranties

ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO ONE YEAR FROM DATE OF RETAIL PURCHASE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

To the extent any provision of this warranty is prohibited by federal, state, or municipal law which cannot be preempted, it shall not be applicable. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

BUTT PLATE AND CHEEK PIECE ADJUSTMENT

To remove butt plate spacers:

STEP 1: Remove vertical adjustment screw. Take off butt plate.

STEP 2: Loosen the two spacer screws.

NOTE: THE SPACER IS NOTCHED FOR INSERT OR REMOVAL. THE SPACER SCREWS DO NOT HAVE TO BE REMOVED.

STEP 3: Remove or insert spacers and tighten spacer screws.

STEP 4: Replace butt plate.

Cheek piece adjustment:

STEP 1: Loosen cheek piece adjustment screw so cheek piece clears the cams.

Turn cheek piece sideways.

STEP 2: Raise cams by turning counterclockwise or lower cams by turning clockwise.

STEP 3: To adjust cheek piece laterally, position cam pins to the left or right depending upon desired position.

STEP 4: Replace cheek piece on cam nipples so they fit in the grooves on the cheek piece.

NOTE: BARREL WEIGHTS AND TALLER CAMS MAY BE PURCHASED THROUGH CROSMAN'S SHOOTING SERVICES DEPARTMENT. IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE FEEL FREE TO CALL CROSMAN AIR GUNS, SERVICE DEPARTMENT.

CROSMAN AIRGUNS

ATTN: Shooting Services

Routes 5 & 20

East Bloomfield, New York 14443

(716) 657-6161

PSI ADJUSTMENT

To Increase Pressure:

STEP 1: Turn PSI knob counterclockwise. Check pressure in regulator with the LCD Readout Button.

NOTE: LCD READOUT IS PSI NOT FPS.

STEP 2: Cock and dry fire rifle (make sure bolt is closed). Check new pressure in regulator. Repeat until desired pressure is obtained.

To Decrease Pressure:

STEP 1: Turn PSI knob clockwise. Rifle must be fired before change will register. Repeat STEP 2 from above.

REPLACEMENT OF BATTERY

NOTE: BATTERY REPLACEMENT SHOULD BE DONE WITH REFILL TUBE IN PLACE.

STEP 1: Turn gun upside down. Remove three (3) philips head screws from sling rail. Remove sling rail.

STEP 2: Loosen flat head screw in battery bracket.

STEP 3: Carefully remove battery and bracket, sliding battery out of bracket. Disconnect wire connection.

STEP 4: Replace with alkaline 9 volt battery. (Test battery prior to installing.)

STEP 5: Reinstall unit in gun.

STEP 6: Check LCD Readout for operation before replacing sling rail.

STEP 7: Replace sling rail and screws.

COCKING AND LOADING

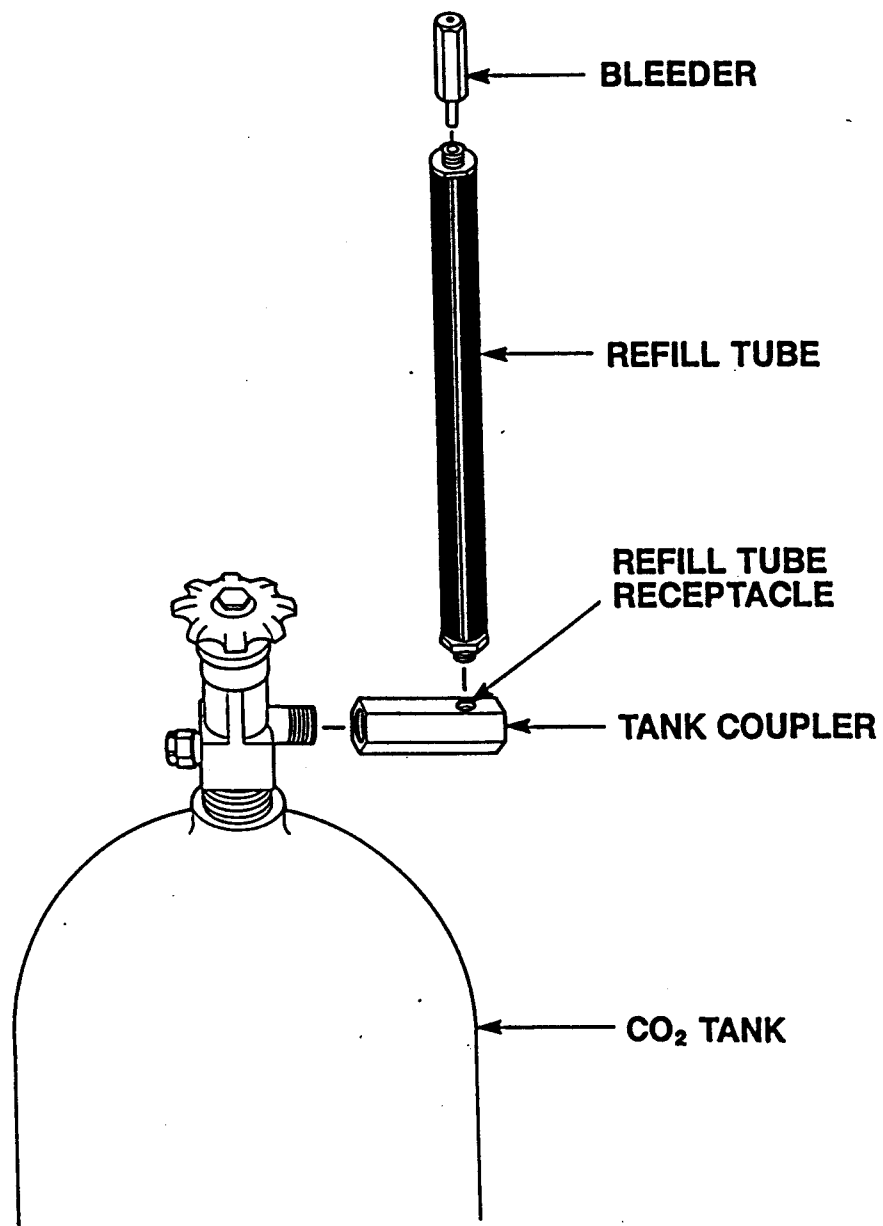
Cocking the Model 84 is virtually effortless. The cocking bar has two handles, one on either side.

IMPORTANT: THE HAMMER MUST BE COCKED BY APPLYING PRESSURE BACKWARDS ON BOTH OF THE COCKING HANDLES AT THE SAME TIME.

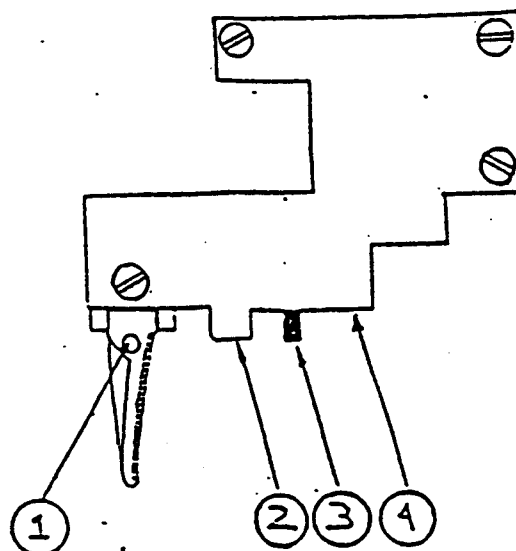
PULL FIRMLY BACK ON BOTH COCKING HANDLES UNTIL THE HAMMER CLICKS. WHEN THE HANDLES ARE RELEASED, THEY WILL RETURN TO THE FORWARD POSITION.

To open bolt, lift up on the right side of the bolt. The bolt is hinged and will lay directly over to the left. The pellet chamber and loading platform will be visible. Insert pellet into pellet chamber, pushing pellet flush with rear of chamber. CLOSE BOLT.

CAUTION: BEFORE FIRING, THE BOLT MUST BE RETURNED TO THE CLOSED POSITION. FIRING WITH THE BOLT OPEN MAY BLOW OUT SEAL AND MAY CAUSE INJURY.



ELECTRONIC TRIGGER



SOLENOID SEAR ADJUSTMENT SCREW #4

CAUTION: The solenoid adjustment screw has been preset at the factory. **DO NOT ADJUST SCREW #4!** IMPROPER ADJUSTMENT MAY CAUSE THE GUN TO FIRE AND COULD CAUSE THE SOLENOID TO MALFUNCTION, OR FAIL COMPLETELY.

LENGTH AND ANGLE ADJUSTMENT - SCREW #1

Using a 3/32 allen wrench, loosen Screw #1. Position trigger blade where desired (forward, backwards, right angled, or left angled). Tighten Screw #1.

TRIGGER ARMING BUTTON #3

To arm, push up on black button #3, then release. The trigger is now armed. This operation must be repeated for every shot.

TRIGGER WEIGHT ADJUSTMENT - SCREW #2

When adjusting trigger pull, make sure gun is not loaded and bolt is closed. Using a 1/16 allen wrench turn Screw #2 (this adjusts a spring) clockwise to increase trigger pull, counterclockwise to decrease trigger pull. **NOTE:** Turning Screw #2 too far clockwise will block trigger. Turning Screw #2 too far counterclockwise may cause spring to pop out.

CAUTION: TURNING SCREW #2 TOO FAR COUNTERCLOCKWISE MAY CAUSE THE RIFLE TO FIRE UNEXPECTEDLY. AFTER ARMING TRIGGER, A SMALL SHOCK TO RIFLE MAY ALSO CAUSE GUN TO FIRE. BE SURE NOT TO SET TRIGGER PULL TOO LIGHT. IT MAY CAUSE INCONSISTENT FIRING.