

YOUTHLINE MODELS 840 SERIES

P u m p P n e u m a t i c



Daisy®
FIRST IN AIRGUNS.

WARNING:

NOT A TOY. ADULT SUPERVISION REQUIRED. MISUSE OR CARELESS USE MAY CAUSE SERIOUS INJURY, PARTICULARLY TO THE EYE. MAY BE DANGEROUS UP TO 216 YARDS (197 METERS).

READ ALL INSTRUCTIONS BEFORE USING. THE PURCHASER AND USER SHOULD CONFORM TO ALL LAWS GOVERNING USE AND OWNERSHIP OF AIR GUNS. THIS AIR GUN IS RECOMMENDED FOR USE BY THOSE TEN YEARS OF AGE AND OLDER WITH ADULT SUPERVISION.

WARNING: THIS GUN CAN CAUSE THE LOSS OF AN EYE. READ AND FOLLOW THE INSTRUCTIONS. DO NOT COCK THE GUN UNTIL YOU ARE READY TO SHOOT. IF YOU DO COCK IT AND DECIDE NOT TO SHOOT, POINT IT IN A SAFE DIRECTION AND FIRE IT. AN UNCOCKED, UNLOADED GUN IS THE SAFEST. ACCIDENTS HAPPEN FAST, AND THE LOSS OF AN EYE IS A TERRIBLE THING. SHOOT SAFELY.

A This safety alert symbol indicates important safety messages in this manual. When you see this symbol, be alert to the possibility of personal injury and carefully read the message that follows.

"The Code of the Daisy Rifleman" found in the Introduction to Air Rifle Shooting section of this manual (begins on Page 8) is an important guide to the care and safe handling of any gun.

READ THIS SECTION. It is your responsibility as the owner of this gun to make certain that anyone using the gun is instructed in its safe and proper operation.

As the proud owner of a Daisy air gun, you have become part of an American tradition which dates back to the time when your great-grandfather was a small boy. Your new Daisy gun is the

result of more than 100 years experience by Daisy in the manufacture of quality products.

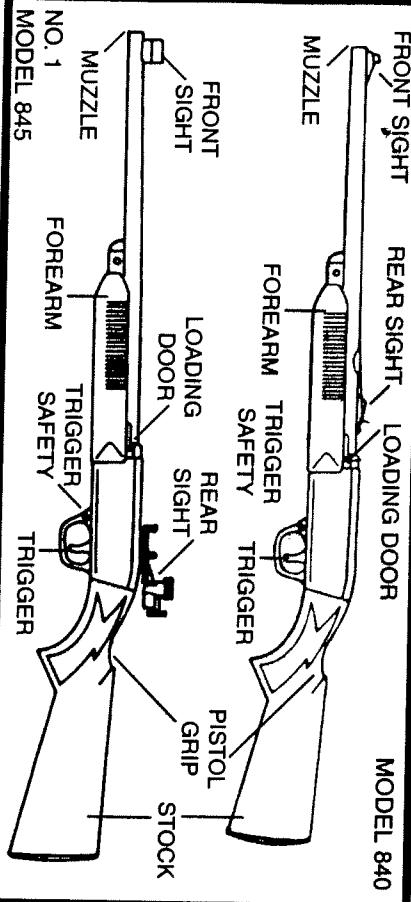
Although your new Daisy is not a firearm, it is a gun and should be treated with care and respect. Always remember, the first and most important safety aspect of any gun is the shooter.

All safeties are mechanical devices and the shooter is the only part of the system that can make a gun safe—or unsafe. **DON'T DEPEND ON MECHANICAL SAFETIES.** Think ahead and

avoid situations that might lead to accidents.

FOR YOUR SAFETY AND THE SAFETY OF OTHERS, READ COMPLETE OPERATING INSTRUCTIONS BEFORE ATTEMPTING TO SHOOT GUN. Guns differ in their operations and

instructions and **WITHOUT LOADING ANY AMMUNITION**, proceed several times through the operating steps with your gun (dry fire the gun at a safe target) so that you will be able to operate the Model 840/841/845 properly and safely.



2

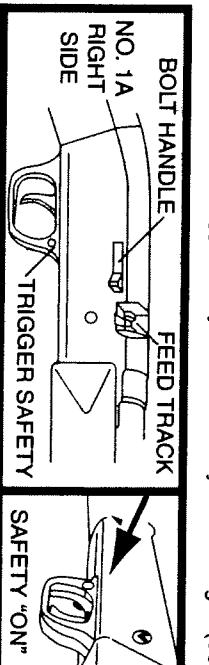
HOW TO OPERATE

CAUTION: Be sure gun is always pointed in a safe direction.

- Step 1: PUT "ON" TRIGGER SAFETY
- Step 2: OPEN BOLT
- Step 3: PUMP (ONCE)
- Step 4: LOAD
- Step 5: CLOSE BOLT
- Step 6: AIM AT SAFE TARGET
- Step 7: TAKE "OFF" TRIGGER SAFETY
- Step 8: FIRE

STEP 1. PUT "ON" TRIGGER SAFETY

Push trigger safety from left to right so no red is showing. It is a good practice to get in the habit of keeping the trigger safety "ON" until ready to fire the gun (See Drawing No. 1A).



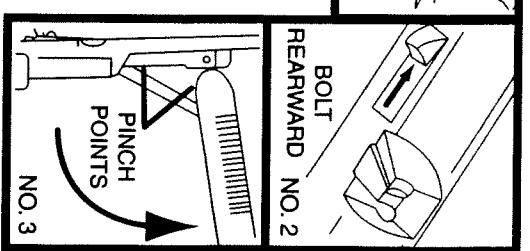
STEP 2. OPEN BOLT

Tilt muzzle down about 30° and pull bolt handle rearward. The gun cannot fire with the bolt open (See Drawing No. 2).

STEP 3. PUMP (ONCE)

IMPORTANT: Do not pump over one time. May cause serious damage to your gun. This gun was designed and intended as a single pump. For greater safety, we recommend that the bolt remain open while pumping, and that you close the bolt only when the barrel can be pointed in a safe direction.

Grasp the forearm at rear and pull down and forward as far as possible, then return forearm to original closed position (See Drawing No. 3).



CAUTION: Be sure to grasp forearm firmly as you close the lever to prevent it from snapping back and causing possible injury. Also, be careful to keep fingers out of cocking mechanism when closing lever (See "PINCH POINTS" Drawing No. 3). Never put your finger on the trigger until you are ready to fire.

FILL BB MAGAZINE

The loading door is located on the left side of the receiver (Drawing No. 1). Push door rearward and fill magazine with a maximum of 350 BBs. Then close door.

STEP 4. LOAD

LOADING BBs: To load a BB from the magazine, raise the muzzle 45 degrees to 60 degrees and pull the bolt handle fully to the rear (See Drawing No. 4). A BB is gravity fed onto the

3

INTERNAL BB FEED TRACK

MAGNETIC TIP

BB

PELLET FEED TRACK

NO. 4



NO. 5



WRONG

WARNING: BBs feed from the magazine by gravity which requires that the muzzle be raised. **NEVER ASSUME THE MAGAZINE OR CHAMBER IS EMPTY**, even if the gun does not fire a projectile.

LOADING PELLETS: With BBs removed from the magazine (See "EMPTY BB MAGAZINE, Page 5"), lower muzzle slightly and pull bolt handle rearward. Then place a pellet (solid end forward) in feed track (See Drawing No. 6).

IMPORTANT: Care must be exercised when shooting pellets while the magazine contains BBs. Loading a BB and pellet at the same time may result in a jammed or obstructed barrel.

IMPORTANT: Do not allow a pellet to fall into the rear of the feed track and become jammed in the BB feed hole. If this occurs, have a qualified gunsmith remove the left receiver and clear the feed track, or return the gun to Daisy. **DO NOT** load pellets in the BB loading door.

STEP 5. CLOSE BOLT

CAUTION: Gun must always be pointed in a safe direction. Push bolt handle forward. The gun is now loaded and should be handled with care.

STEP 6. AIM AT SAFE TARGET

CAUTION: Pick targets that cannot be penetrated and that will not cause a ricochet because of their hard surface. Do not shoot at water. Never point a gun, loaded or unloaded, at anyone.

To be a consistent marksman, use the correct sight picture each time you fire the gun (See Drawing No. 7).

SIGHT ADJUSTMENT

The Model 845 Competition BB gun is equipped with a hooded front sight with four interchangeable inserts, and a precision rear peep sight. (See instructions in sight box.)

You will have to experiment with the interchangeable front inserts to determine which is best for you.

The Model 840/841 is equipped with a rear sight that is adjustable for elevation. Raise the rear sight to make the gun shoot higher. Lower the rear sight to make the gun shoot lower (See Drawing No. 7 and 8).

STEP 7. TAKE "OFF" TRIGGER SAFETY

When you are certain the target, backstop and surrounding area is safe, push the trigger safety from right to left until red band is exposed.

STEP 8. FIRE

After completing the operation steps, your gun may be fired by gently, but firmly, squeezing the trigger. **NOTE:** The bolt must be completely closed, as indicated in Step 5. **IMPORTANT:** Do not leave the gun pumped up for more than one hour or damage to the gun could result.

WARNING: If a BB or pellet does not fire after completing the operation steps, the gun is jammed. This is a dangerous condition. Keep gun pointed in a safe direction and repeat all operation steps except Step 4. If a projectile still does not fire, do the following:

1. Put the trigger safety "ON SAFE" (no red showing).
2. Open bolt.
3. Clear barrel by running a cleaning rod through from the muzzle end. Be careful not to damage the bolt tip by pushing the rod through too hard. Do not reuse this BB or pellet.
4. Repeat operation steps.

If after following the firing procedure the BB or pellet still does not fire, your gun should be returned to the factory (See "Repair of Daisy Guns" section).

EMPTY BB MAGAZINE

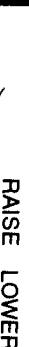
Put "ON" trigger safety. Open BB loading door, cup your hand under it and turn gun fully to its left side. Shake gun until all BBs are removed. To make sure no BBs remain in the feed system, raise the muzzle, shake gun, and work the bolt forward and **all the way back** several times, removing any BBs that appear.

CAUTION: Never assume the gun is empty of projectiles. Always point the gun in a safe direction.

BULLSEYE FRONT SIGHT

REAR SIGHT

NO. 7



NO. 8



RAISE LOWER

UNLOAD PELLET

The bolt does not extract a pellet. You must put the trigger safety "ON", pull the bolt back, insert a cleaning rod in the muzzle end of the gun and push the pellet out. Be careful not to damage the bolt tip by pushing the rod through too hard.

AMMUNITION

Use only BBs or .177 cal. (4.5mm) pellets that are labeled as such. **DO NOT** use buckshot, ball bearings, or other foreign objects, as they could damage or jam your gun.

PROPER CARE

The exposed metal parts (barrel, lever, screwheads, etc.) should occasionally be wiped clean, using a soft cloth lightly oiled with clean motor oil. Use a 10, 20, or 30 weight non-detergent automotive motor oil. **DO NOT** use light, household-type oils or aerosol-type spray lubricants, since they may contain substances or additives harmful to the rubber seals or other components.

The pump piston has a felt wiper ring that should occasionally be oiled. Invert the gun and fully open the forearm lever. You will see "Oil Here" and an arrow pointing to the felt wiper which can be seen through a slot in the forward end of the pump tube. Add two drops of oil to the felt wiper after each 2,000 shots.

The forearm lever pivot joints should be sparingly lubricated by occasionally adding one drop of oil to each pivot pin (See Drawing No. 9).

STORAGE

Unload BBs and store them in a separate place from the gun to keep them away from untrained shooters. Before putting the gun away in a cabinet or gun rack, shoot the gun at a safe target to make sure the pump system and barrel are empty. Then, put "ON" trigger safety. Always make sure the gun is empty and the trigger safety "ON" before storage; also, the gun should be clean, dry and oiled.

MODIFICATION

WARNING: The components of this gun were engineered to deliver optimum performance. Any modification of tampering with a gun may cause a malfunction and may make it unsafe to use. Any change in performance, such as lowered trigger force and shortened trigger travel, indicates possible wear and such gun should be inspected, replaced or properly repaired by qualified personnel. Any gun that has been dropped should be checked by qualified personnel to insure that its function has not been affected.

REPAIR OF DAISY GUNS

WARNING: A GUN THAT IS NOT OPERATING PROPERLY MAY BE DANGEROUS. IT SHOULD BE KEPT SAFELY FROM USE BY ANYONE UNTIL REPAIRED OR DESTROYED. DO NOT TRY TO TAKE THE GUN APART. IT IS DIFFICULT TO REASSEMBLE, AND IMPROPER REASSEMBLY CAN CAUSE A HAZARDOUS CONDITION.

GUNS IN WARRANTY LIMITED ONE — YEAR WARRANTY

For one year from date of purchase, Daisy will repair or replace this gun, free of charge, if defective in material or workmanship. Service is available by returning the gun to Daisy Outdoor Products. Attach to the gun your name and address and telephone number, description of problem and proof of date of retail purchase (sales slip). Package and send to Daisy Outdoor Products, transportation prepaid. This Warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

GUNS OUT OF WARRANTY

If your Daisy needs repair, call Customer Service at 1-800-713-2479 for repair or replacement charge. We accept Visa, Mastercard and Discover. When paying by check or money order, please send with gun. Attach to the gun your name, address, telephone number and description of the problem. Package and send, transportation prepaid, to Daisy Outdoor Products, Service Department. Daisy will repair the gun or replace it with a reconditioned gun of the same model, if available, otherwise with a model of equivalent quality.

Exploded gun part drawings and price lists are available from Daisy Service Department. Please make sure you state model number stamped on barrel. Service and parts charges are subject to change without notice. **Daisy Outdoor Products**
Service Department
11623 Line Kiln Road
Neosho, MO 64850

You can return your inoperative air rifle to Daisy for repair via U.S. Mail or United Parcel Service. Be sure to put "ON" safety and unload ammo before returning.

SPECIFICATIONS

ACTION	Single pump pneumatic
CALIBER	.177 cal. (4.5mm)
AMMUNITION	BB cal. (4.5mm); .177 cal. (4.5mm) PELLET
BB CAPACITY	350 BBs
VELOCITY	BBs: 335 fps (102mps); PELLETS: 300 fps (91mps)
TARGET DISTANCE	BBs: 16.4 ft. (5m); PELLETS: 33 ft. (10m)
MAXIMUM SHOOTING DISTANCE*	BBs: 216 yds. (197m); PELLETS: 183 yds. (167m)
WEIGHT	2.2 lbs. (1.0kg)
SIGHTS — FRONT	840, 841: Blade and ramp; 845: Hooded with aperture inserts
—REAR	840, 841: Open leaf, adjustable elevation; 845: Adjustable rear peep
BARREL	Smooth bore steel, 19 in. long (48.3cm)
MUZZLE ENERGY	BBs: 1.3 ft. lbs. (1.8J); PELLETS: 1.5 ft. lbs. (2.1J)

*With muzzle pointed up at the optimum angle.

