

## care and maintenance

### instructions of the



### AIR RIFLE

Please read carefully.

The rifle is packed dry and protected by a Vapour Phase Inhibitor Coated Paper (V.P.I.) which prevents deterioration and rusting of the metal work. After removal from the box the rifle should be protected by wiping over with a lightly oiled cloth. The rifle is packed assembled and ready for use.

#### TO LOAD

Grasp the pistol grip in the right hand with the fingers clear of the trigger and tuck the butt under the arm. With the left hand release the cocking lever catch and pull down the cocking lever until the piston rod is engaged by the trigger mechanism. Return the cocking lever to the closed position. This action automatically opens the breech plug and exposes the loading chamber. Place one pellet nose first into the chamber and return the loading plug to the horizontal position. The rifle is now ready to fire.

**DO NOT PULL THE TRIGGER WHEN THE MECHANISM IS COCKED WITHOUT A PELLET IN THE CHAMBER.**

#### LUBRICATION

After approximately every 500 pellets a few drops of oil should be introduced into the cylinder through the cocking lever slot and through the breech plug. After oiling, the performance of the rifle will be affected until the excess of oil has been cleared by normal functioning.

#### TO RENEW THE MAINSPRING

Ensure the rifle is not loaded. Remove the stock securing screw 16-546 and stock bolt 16-115. Remove the stock and cocking lever axis pin 16-1126. Unscrew the back block and trigger mechanism assembly 16-1104 by inserting a rod through the hole provided in the block and using this as a lever. Care should be taken to control the back block during dismantling as it is under tension from the mainspring. Remove the old mainspring and transfer the guide tube 16-1122 to the new spring. Insert in the cylinder and re-assemble, lining up the trigger guard with the cocking lever. It will be noted that the cocking lever axis pin is a split tension pin with a chamfer at one end. This chamfer must enter the hole first to lead the pin into the hole. The fore-end screw and stock bolt nut should be tightened alternately.

#### TO RENEW WASHER SET

Proceed as above to remove mainspring; drive out connecting link pin 16-532 and remove cocking lever assembly 16-1103. Remove the front support stud nut 16-666, front support 16-1130 and spacer 16-1136. Pull the cocking slide 16-1108 towards the muzzle of the rifle until the flange can be removed through the slot provided in the cylinder. Remove piston assembly 16-815 from the cylinder. By inserting a screwdriver between the spacer 16-823 and the end of the piston the old unit can be prised off. Replace with new components in the order illustrated, pressing home the piston washer retaining ring 16-822 by forcing the ring down all the way round with a screwdriver. The leather washer on the end of the piston should be soaked in oil for about half an hour. The new unit should fit smoothly into the cylinder and there should be no necessity to trim the leather washer. After replacing the piston, line up the slot in the piston with the one in the cylinder and re-insert the cocking slide. Re-assemble in the opposite sequence to stripping.

#### TRIGGER ADJUSTMENT

The trigger weight is set at the factory at approximately 4 lb., but this can be increased by turning screw 16-1145 anti-clockwise or reduced by turning this screw clockwise. Carry out this adjustment only when the rifle is uncocked and do not attempt to obtain a trigger pull which is so light that accidental discharge becomes possible.

## REARSIGHT

The folding rearsight has a reversible element offering either a "U" or "V" backsight. To raise the mean point of impact of the shots slacken off the two backsight element screws 63-2260, raise the element and re-tighten. When the correct position has been obtained the line on the element can be scribed across the leaf. The lines on the leaf are for your convenience and do not represent specific distances.

After use check to see that the rifle is unloaded, wipe metal and wood with a lightly oiled cloth. When ordering parts from your dealer please state model, part number and name.

## SAFETY FIRST

1. Treat every rifle as though it were loaded; make it a rule that every time you handle any type of rifle or gun you check it yourself to see that it is not loaded.
2. Never under any circumstances point a rifle at anyone.
3. Be sure of your target before you squeeze the trigger.
4. Be sure there is a good safety area behind the target.
5. Beware of ricochets—do not shoot at water or other surfaces that may cause the pellet to bounce off and carry on in a new direction.
6. Carry only empty rifles; unload before entering your house or car.
7. Always carry your rifle so that the direction of the muzzle can be controlled even if you stumble.
8. Never leave a rifle unattended unless it is unloaded first.
9. Never climb a fence or obstacle unless your rifle is unloaded.
10. After use put your rifle away safely: unloaded and out of reach of small children.

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**B.S.A. GUNS LTD., SHIRLEY, SOLIHULL, Warwickshire**

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