

SAM Patriot ©



DAYSTATE LTD.

NEWCASTLE STREET, STONE,
STAFFS, ST15 8JU.
Tel. (0785) 812473

COMPONENT PARTS

- 1 MAIN BODY FRONT END
- 2 MAIN BODY REAR END
- 3 STRIKER VALVE BODY
- 4 BREECH BOLT
- 5 LINK ARM
- 6 LINK ARM COVER
- 7 STRIKER
- 8 TRIGGER BLOCK
- 8A TRIGGER TRIP LEVER
- 8B TRIGGER
- 8C TRIGGER SEAR
- 9 BARREL
- 10 STRIKER HANDLE
- 11 MAGAZINE HOLDER
- 12 BALL BEARING HOUSING
- 13 MAGAZINE HOLDER CAP
- 14 STRIKER VALVE
- 15 O RING RETAINER
- 16 VALVE SEAL
- 17 FIELD STRIP SCREWS
- 18 STOCK

STANDARD PARTS

- SCREWS**
- 19 STOCK
 - 20 REAR FIXING & FRONT FIXING (3 OF)
 - 21 POWER ADJUSTMENT
 - 22 BALL BEARING HOUSING (2 OF)
 - 23 BARREL LOCATION
 - 24 LINK ARM RETURN SPRING FIXING
 - 25 LINK ARM COVER (2 OF)
 - 26 LINK ARM TO BREECH BOLT
GAS INLET
GAS STOP SCREW
- DOWELS**
- 27 TRIGGER PIVOT AND LOCATION (4 OF)
 - 28 TRIGGER SEAR PIVOT
 - 29 TRIGGER SEAR RETURN SPRING SEAR END
 - 30 TRIGGER SEAR RETURN SPRING
TRIGGER BLOCK END
 - 31 STRIKER

- O RINGS**
- 32 STRIKER VALVE BODY (2 OF)
 - 33 VALVE STEM
 - 34 VALVE SEAL
 - 35 STRIKER
 - 36 MAGAZINE CAP HOLDER
 - 47 BARREL

- SPRINGS**
- 37 SEAR RETURN
 - 38 TRIP LEVER RETURN
 - 39 POWER ADJUSTER
 - 40 STRIKER VALVE
 - 41 STRIKER
 - 42 BALL BEARING HOUSING (2 OF)
 - 43 LINK ARM RETURN

- GENERAL**
- 44 1/4 NYLON BALL BEARING (2 OF)
 - 45 CIRCLIP
 - 46 SHOCK ABSORBER

- ALLEN KEY SIZES**
- 20 5mm
 - 21 4mm
 - 25 2.5mm

DAYSTATE PATRIOT SEMI-AUTO PARTS LIST

DAYSTATE LTD
NEWCASTLE STREET
STONE
STAFFS ST15 8JL
ENGLAND

20TH NOVEMBER 1992

MAINTENANCE

IMPORTANT: Before attempting to dismantle your gun or carry out any servicing, ensure that your power source has been removed and the gun has been fully discharged.

DO NOT dry fire your gun. Dry firing will unseat the valve seal and cause the gun to leak.

- 1) As with all equipment, cleaning and regular maintenance is important.
After each day's play strip down your gun, and clean all working parts with a soft cloth or tissue. Then, with a light oil sparingly oil all moving parts, reassemble and test fire your gun.
- 2) It is also recommended that in order to maintain a perfect seal on the blow back operation, after every 3000 shots the O-ring (35) on the hammer (7) should be replaced.
- 3) It is also recommended that after approximately 12000 shots that the gas valve assembly should be stripped and all parts cleaned.
To do this, first remove the circlip (45), and having ensured that the power adjuster (21) is fully out, push the valve assemble gently out by placing a rod up the power tube.
Ensure that no grit or dirt entered the valve and that care is taken not to damage the face of the white PTFE seal.
Then check the condition of the O-ring (33) and replace if necessary.
Reassemble valve and insert circlip. Ensure the white PTFE seal is pushed up to the circlip by pushing a rod up the power stem. Ensure the striker valve (14) moves freely and then replace the power adjuster (21).
Make sure the power adjuster is wound in far enough so as not to bottom on the trigger block.
Damage to the power stem may occur if this is not checked.
- 4) This gun is set to run on liquid CO2 using a Syphon Bottle.
It may also be run on vapour. However a vapour Spring Kit will be needed, available from your local supplier.

TROUBLE-SHOOTING

- 1) **If the gun goes fully automatic:**
 - a) Check that you have sufficient gas
 - b) Check if the gun is set to run on liquid and if so that you are using a siphon bottle
 - c) Check the O-ring (35) on the hammer and replace if necessary
 - d) Check that the strike valve (14) moves freely
- 2) **If the gun has a slight leak down the barrel:**
 - a) Try firing the gun 10-20 times to blow any ice crystals or dirt from the valve face
 - b) Strip valve assembly and examine the sealing face of the PTFE for grit or damage
Replace if necessary
- 3) **If gas blows straight through the gun:**
 - a) Check the free movement of the striker valve (14). If it is not free strip the valve assembly and check the O-ring (33)

WARRANTY

12 month warranty on failure of any Daystate manufactured parts from date of purchase. Proof of purchase required.

Warranty does not cover:

- 1) Seals
- 2) Springs
- 3) Failure due to fair wear and tear or misuse or abuse.

Warranty is void if gun is adapted or fitted with parts other than genuine Daystate spares.

WARNING/LIABILITY STATEMENT

This weapon is classified as a dangerous weapon and is surrendered by Daystate Ltd with the understanding that the purchaser assumes all liability resulting from unsafe handling or any action that constitutes a violation of any applicable laws or regulations. Daystate Ltd shall not be liable for personal injury or loss of property or life resulting from the use of this weapon under any circumstances, including the intentional, reckless, negligent or accidental discharges.

All information contained here is subject to change without notice, and in no way represents a commitment on the part of Daystate Ltd. We reserve the right to make changes and improvements to products without incurring any obligation to incorporate such improvements in products previously sold.

RESPONSIBILITY

The ownership of this weapon places upon you the total responsibility of its safe and lawful use. You must observe the same safety precautions as you would any firearm to assure the safety of not only yourself but everyone around you. Outlined here are some general precautions to be aware of, the user should at all times use common sense when using this weapon.

- Handle this and any other weapon as if it was loaded at all times.
- Never point the weapon at anything you do not intend to shoot.
- Always keep the muzzle pointed down or in a safe direction. Even if you stumble and fall.
- Do not load or fire this gun until you have read this manual and are familiar with its mechanical operation and handling characteristics.
- Pressurise and load the weapon only when you are using it. Unload and remove the CO2 cylinder immediately after use for safe storage.
- Always wear eye protection in the form of approved goggles or full face mask and never shoot at a person who is not similarly protected.
- Dress for safety when playing the game, avoid any areas of exposed skin especially the face and throat. Even a light layer will absorb some of the impact and protect your skin from cuts produced by the gelatine paintball shell fragments when hit at close ranges.
- Keep exposed flesh away from escaping CO2 gas when installing or removing bottles or cartridges of gas from the weapon or from a filling cylinder. CO2 gas is very cold and can cause frostbite under certain conditions.

- Use only .68 calibre paintball pellets. Never load or fire any foreign objects.
- Do not look directly into the barrel. Accidental discharge into the eyes may cause permanent injury or death.
- Avoid alcoholic beverages before and during the use of this weapon. Handling guns while under the influence of drugs or alcohol is a criminal disregard for public safety.
- Avoid shooting an opponent at point blank (Three feet or less).
- Never fire your weapon at personal property of others, the paintball can stain the paint of automobiles and houses if left on the surface for a few hours.

WARNING

This gun is not a toy nor is it intended for the use by persons under the age of 18 years.

OPERATING INSTRUCTIONS

1) POWER SOURCE CONNECTION

Gun should be unloaded and pointed in a safe direction. Striker handle should be pulled back to the cocked position and the CO2 bottle screwed into the receiver to charge the gun.

2) SAFETY

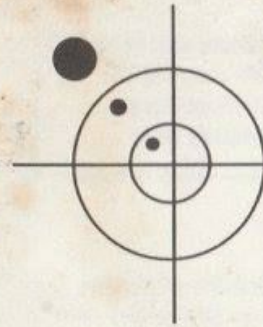
When the striker handle is in the forward position (i.e. uncocked) the gun will not fire.

3) FIRING

Attach the ammunition hopper and load the pellets. Pull back the striker handle until it stays back in the cocked position. Sight the gun at the target and pull trigger. The gun will recycle ready to fire the next shot. To unload, tip the gun to one side to allow the pellets to flow back into the hopper. Remove the hopper and point the gun in a safe direction and fire one or two shots to make sure that the gun is empty. Hold the bolt and release the trigger and allow the bolt to move forward slowly to the safe position.

4) VELOCITY ADJUSTMENT

Using the allen key provided insert it into the power adjuster (21). Turn it clockwise to reduce power. Turn it anticlockwise to increase power.



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