

THE NEXT GENERATION OF AIR POWER™



**SKIF A-3000**

OPERATION MANUAL

MODEL SKIF® A-3000 (A-3000S)

CO<sub>2</sub> SINGLE/DOUBLE ACTION .177(4.5mm) 28-SHOTS PISTOL



WARNING! SKIF® A-3000 PISTOL  
IS NOT A TOY AND IT DEMANDS SPECIAL CARE  
AND HANDLING

ATTENTION! INAPROPRIATE OR UNSAFE USE  
OF SKIF® A-3000 PISTOL MAY RESULT  
IN SERIOUS INUJRY OR EVEN DEATH.  
IT MAY BE DANGERIUS UP TO 300 METRES.

BEFORE USING READ CAREFULLY  
THIS OPERATION MANUAL

## A t t e n t i o n !

Read the instruction manual carefully. Only load the pistol immediately before you intend to shoot. If you have charged the gun and will not shoot, discharge the pistol as described. Only an unloaded gun with the safety on is really safe. Accidents can happen very quickly! Warning: if this gun is carelessly or improperly handled, unintentional discharge could result causing injury, death or damage to property.

Please be very careful when shooting!

Your air pistol should be treated with the same respect as a firearm. Always be aware that the most important safety aspect of a gun is the Shooter. All safety features are mechanical and the Shooter is responsible for its proper use. Do not rely on mechanical safeties, think in advance and avoid situations which may lead to an accident.

Every gun differs in function. You should never shoot a gun you are not familiar with. Read the instruction manual carefully. You should pay close attention to the chapter "Safe handling of the pistol" in this instruction to avoid accidents.

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## 1. TECHNICAL DATA

1.1. Weight, kg	0.72
1.2. Total length, mm	185
- height, mm	144
- width, mm	30 (34)
1.3. Caliber,	0.77 (4.5)
1.4. Number of grooves	6
1.5. Form of the threads	Rectangular
1.6. Direction of the grooves	Right
1.7. Thread length, mm	400
1.8. Type of bullets - lead pellets	
1.9. Magazine capacity	28
1.10. CO <sub>2</sub> capacity	75 shots min
1.11 Muzzle velocity, (depending on type of pellets)	120 - 160 m/s
1.12. Firing mechanism	DA/SA
1.13. Trigger pull pressure:	
- DA mode	36 N (3.6 kg)
- SA mode	15 N (1.6 kg)
1.14. Powered by:	12-gram CO <sub>2</sub> cartridge

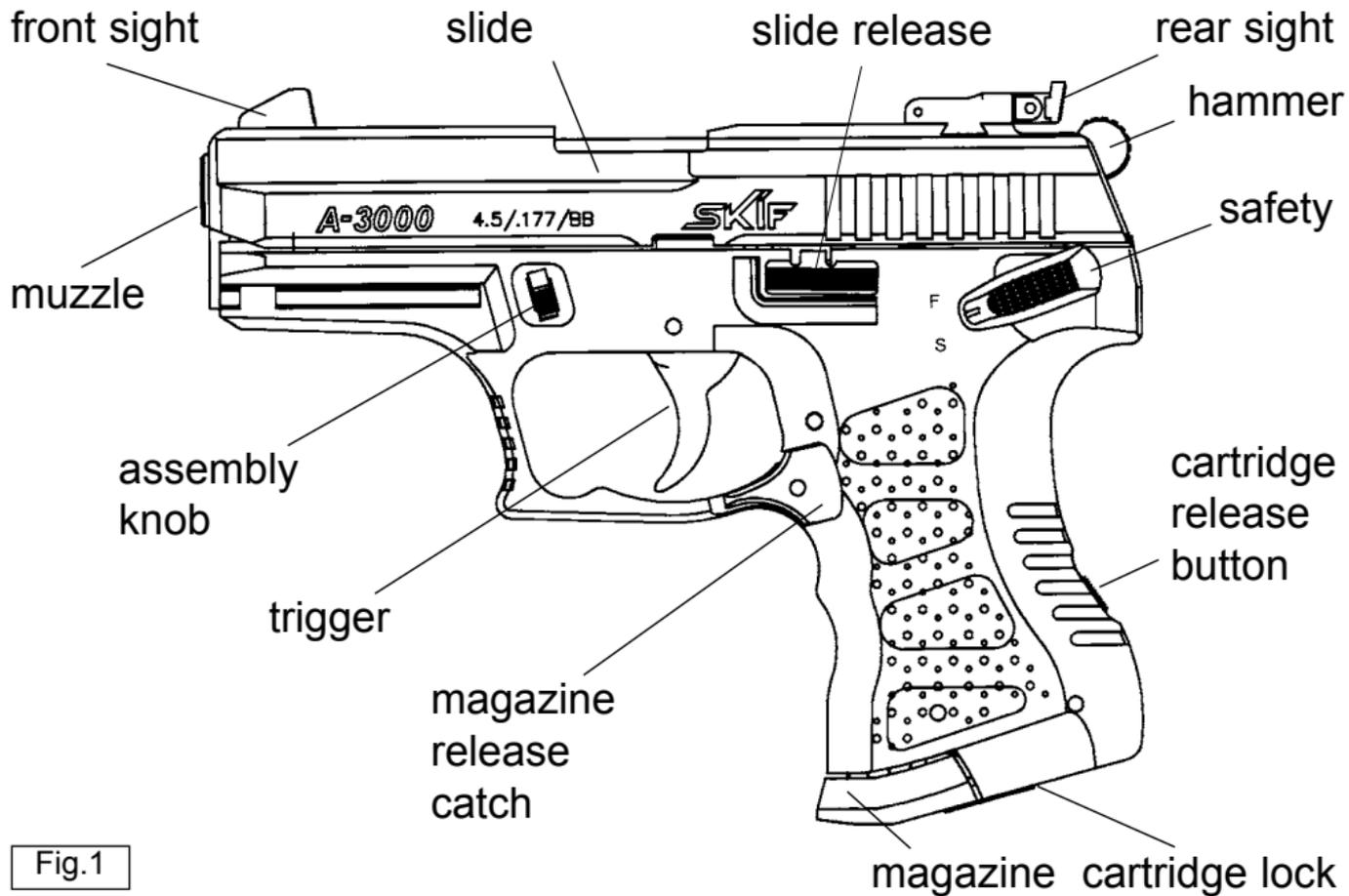


Fig.1

## 2. OPERATION MANUAL

### 2.1 USE OF SAFETY

2.1.1 To put the safety ON, move the safety lever to the lower position (S). ("S" for "SAFE") Gun will not fire! (Fig.2)

2.1.2. When handling this gun the safety should be ON and the muzzle pointed in a safe direction.

2.1.3 To take the safety OFF, move the safety lever to the horizontal position (F). ("F" for "FIRE"). Gun is ready to fire! (Fig.3)



**WARNING:** We recommend that safety lever should always be in "Safe" position until you intend to shoot.

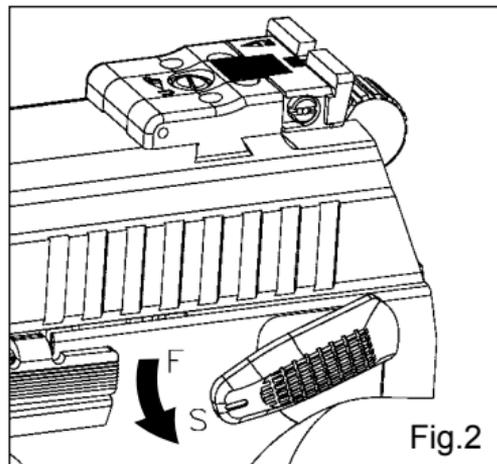


Fig.2

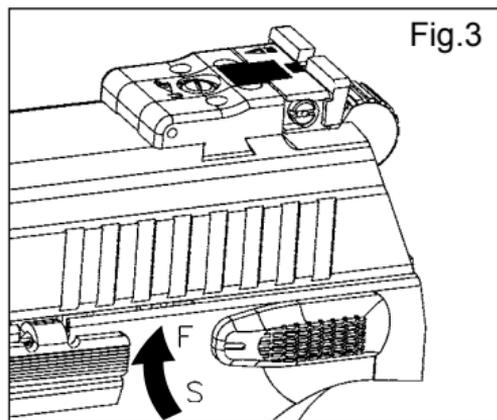


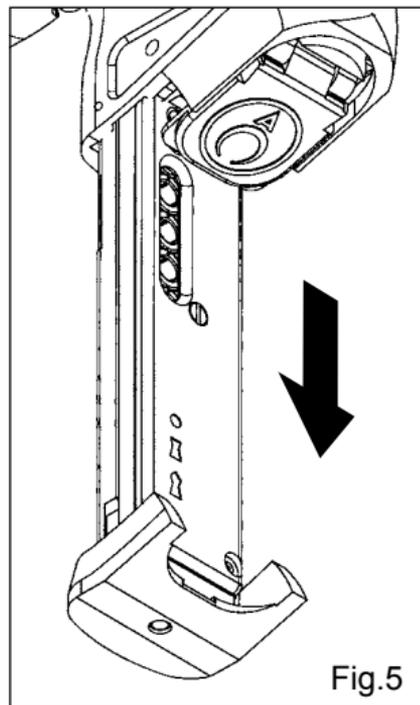
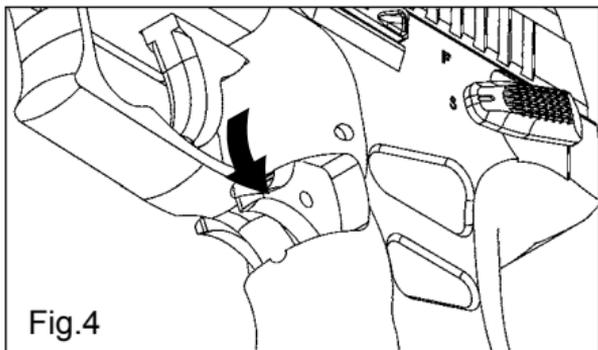
Fig.3

## 2.2. REMOVAL OF THE MAGAZINE AND INSTALLATION OF THE CO<sub>2</sub> CARTRIDGE.

2.2.1. Make sure that the pistol is put on “SAFE”, i.e. the safety lever is turned to “S” position, and the hammer is released (Fig.4).

2.2.2. To remove magazine from the pistol:

- push the magazine latch (Fig.5) and pull the magazine down away from the pistol;
- remove the magazine completely from the pistol.



**WARNING:** To remove a CO<sub>2</sub> cartridge, the magazine from the pistol should be removed first!

2.2.3. To install a new cartridge in the pistol:

- open the cover downwards (Fig.6);
- turn the ring counter clockwise (Fig.6);
- push the grip release button on the rear side(Fig.7)
- pull the cover downwards (make sure it is fully open!) thus opening the cramp: cartridge is ready to be removed (Fig.8).

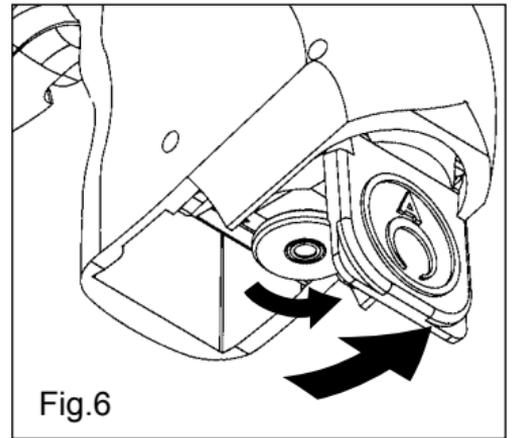


Fig.6

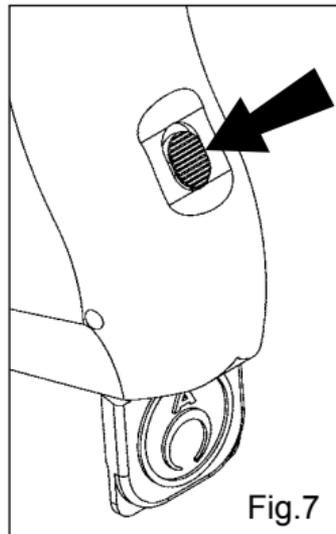


Fig.7

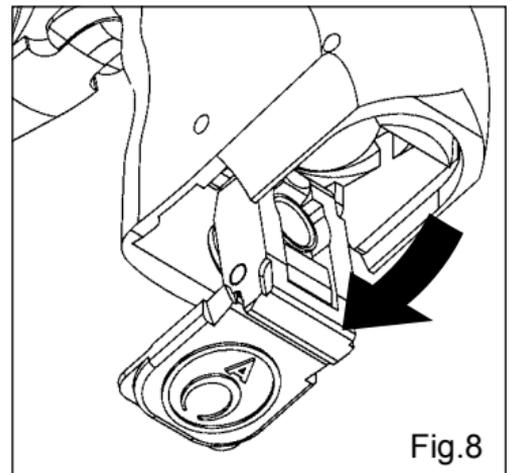
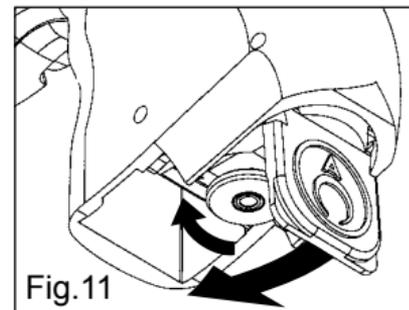
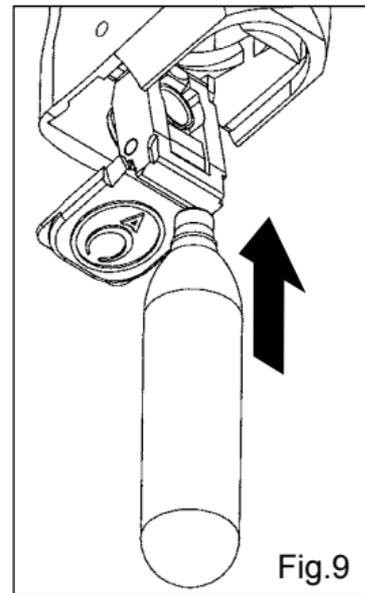
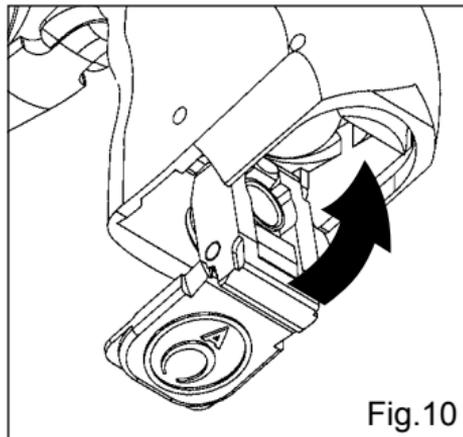


Fig.8

- place a new cartridge inside the grip.
- Sealed (narrow) end of cartridge goes first (Fig.9);
- replace the cramp into place until it is set tight (a click is heard) (Fig.10);
- tighten up the ring clockwise (Fig.11);
- close the cover forcing it to make a puncture in the cartridge (Fig.11)

NOTE! Tightening the ring does not puncture the CO<sub>2</sub> bulb, but simply firmly positiones it against the valve. The bulb is punctured with the last forceful closing of the cover!



## 2.3 LOADING THE PISTOL - 10 -



**WARNING:** Use only .177 caliber (4.5 mm) lead pellets with a maximum length of 7.6 mm. Be careful with the choice of ammunition: too loose pellets in the containers may lead to blank firing, too tight ammunition may lead to mechanism getting stuck. Make sure that the pellets are comfortably seated in the containers: not too loose or too tight.

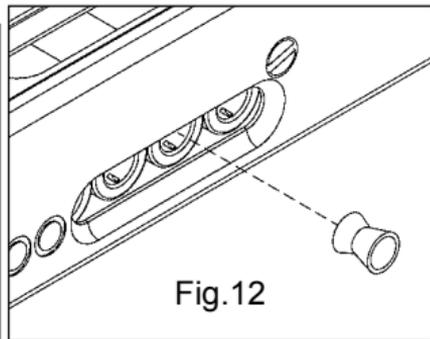


Fig.12

2.3.1 Move the empty container into position in front of the oval opening, located under engraved "arrow", following the direction of the "arrow", with the help of a pusher (Fig. 12);

- through the oval opening successively load any empty container in the magazine with only one pellet or BB in each container up to 28 pellets all together in any sequence and alternation (for best firing results it's recommended to load magazine with the same type of pellets); in doing so strictly observe correct positioning of pellets in the containers, as shown in Fig.13;

2.3.2. Place the loaded magazine back in the pistol until a click of the magazine pawl is heard. Before inserting the magazine it should be oriented in such a way so that the signs on its case ("28 shots", "WARNING: before using read operation manual", "4.5/.177/BB"\*) faces the Shooter (Fig. 5).

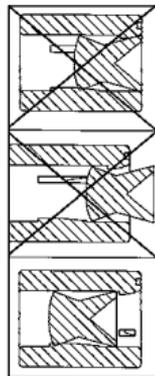


Fig.13



**WARNING:** Do not put your hand over the muzzle! Do not put your finger on the trigger! Make sure that muzzle is pointed in a safe direction! Never aim the pistol at people or animals!

2.3.3. To prepare the pistol for firing it is necessary to release the safety lock by turning its lever towards the sign “F” (Fig. 3).

2.3.4. To remove an empty or a loaded cartridge, follow the procedure described in item



**WARNING:** If the removed cartridge is not fully used up it can be freezing cold.

#### 2.4. UNLOADING THE PISTOL

- Turn the safety lever to “S” for “SAFE”
- Remove the magazine from the pistol;
- Move the containers in pairs following the “arrow” and align them with an oval opening (Fig. 12);
- Push the pellets out of the magazine with the longer end of the pusher;



**WARNING:** Never shoot with a previously used pellet. It could damage the magazine and barrel!

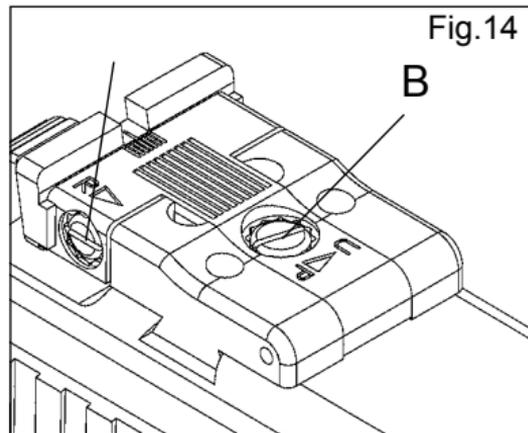
## 2.5. SIGHT ADJUSTMENT

Aim at a safe target and line-up the front sight with the middle of the rear sight. (Fig 14). Fire several test shots to determine if your sight needs to be adjusted.

Standard rear sight adjustment:

- if your pistol shoots to the LEFT , turn the rear sight horizontal screw (A, Fig 14) clockwise: direction indicated by letter "R"

- if your pistol shoots to the RIGHT, turn the rear-sight horizontal screw (A, Fig 14) counter clockwise opposite direction indicated by letter "R".



## Adjustment of the firing distance:

- if the pellets of your pistol hit the target lower from the aiming point, then with a screwdriver unscrew the vertical screw counter clockwise indicated by arrow and sign "UP" (B, Fig.14)
  
- if the pellets of your pistol hit the target higher from the aiming point, then with a screwdriver screw the vertical screw clockwise following the direction opposite the arrow and sign "UP" (B, Fig.14).

### 3. SAFE HANDLING OF THE PISTOL

It is your own responsibility to familiarise yourself with safe and correct handling of your pistol.

3.1. When all the rules of this instruction manual and safe handling procedures are observed, the pistol is not dangerous to use

3.2. Possible hazards are as follows:

- discharging pellet after a shot is made;
- CO<sub>2</sub> gas escaping through the muzzle after a shot;
- ricochet of the pellet;
- violation of safety precautions.

3.3 Main requirements and measures for safe handling of the pistol.

3.3.1. Shooting should be carried out at open sites with no people at close firing distances or in shooting galleries.

3.3.2. The pistol mechanism should function properly.

3.3.3. Always store your gun unloaded.

Put the safety ON (S position). Remove the magazine and check to insure that no pellet remains in the barrel. Remove the CO<sub>2</sub> cartridge.

Store your pistol in a separate location from the pellets and CO<sub>2</sub> cartridges.

3.3.4. Always handle the pistol as if it is loaded.

3.3.5. After shooting the pistol should be unloaded. Remove the magazine, put the pistol on safe.

3.3.6. The safety unit of the pistol should be released only at the line of fire just before shooting.

3.3.7. Do not aim at people or animals. Never shot at a hard surface or water.

3.3.8. Use only the recommended pellets and CO<sub>2</sub> cartridges. Never shoot with a used pellet. It could damage the magazine and barrel.

3.3.9. If the pistol is dropped it is necessary to remove the magazine immediately and put the pistol on “Safe”. Check the pistol for possible damages. If there are any damage in form of cracks, small fractures, visible deformation of the body it means that the pistol became dangerous for further usage: seek immediate advice from your local service center.

3.3.10. This pistol has been designed and manufactured for optimum function and efficiency. Do not make any modifications as they could lead to malfunctions or unsafe using conditions.

3.3.11. You must be 18 years old to purchase this air pistol.

3.3.12. Always store your pistol in a secure location out of the reach of children or unskilled users.

3.3.12. Always store your pistol in a secure location out of the reach of children or unskilled users.

3.3.13. When transferring this pistol make sure to include this instruction manual.

3.3.14. Keep face and hands in a safe distance and use caution when removing the CO<sub>2</sub> cartridge: escaping CO<sub>2</sub> gas can cause frostbite.

3.3.15. Remember that this type of pistol has a firing range up to 300 meters. Maintain caution within this distance.



WARNING!!! CO<sub>2</sub> cartridges can explode in temperatures above 45-°C (122°F). Do not dispose of cartridges in a fire. Do not store cartridges in temperature above 45-°C (122°F). Do not use empty CO<sub>2</sub> cartridges for any other purpose. Do not leave CO<sub>2</sub> cartridges in automobile in direct sunlight.

## 4. MAINTENANCE

4.1. With the proper maintenance your pistol will give you years of pleasant



**WARNING!!!** Do not attempt to clean your pistol without first having put the safety on, removing the magazine and CO<sub>2</sub> cartridge

- Remove the magazine
- Move left and right knobs (Fig.1) downwards
- Separate the slide and the frame of the pistol by placing the housing into the extreme rear position and by lifting its rear part: with new pistols extra force should be applied since the mechanism is newly assembled and parts maybe not yet close-fitting.
- Remove the rod and the recoil spring.

Assembly of the pistol should be made in reverse sequence.

4.2. The pistol should be kept away from water, dust and other hazardous condition.

4.3. Should the pistol get wet, it is necessary to make incomplete disassembly of the pistol and to leave the pistol in a warm place for a few hours. The temperature should not be higher than 45°C. Further on, lubricate the pistol mechanism with gun oil in the following places:

- after each shooting it is recommended with the help of ramrod and rags to clean and lubricate the barrel bore with a gun oil;
  - lubricate places of interaction of the barrel to the buttress by placing 2-3 drops of oil;
  - place 2-3 drops of oil between the rear sight leaf and the sight leaf;
- 4.4. Regular oiling should be done after 500 shots but not less than once every six months following the procedure described in item 4.5 of this section.
- 4.5. If storing the pistol without usage it for more than three months, we recommend removing the CO2 cartridge following the procedure 2.3.8 of this manual.

## 5. TRANSPORTATION AND STORAGE

- 5.1. When being transported the pistol must be protected against climatic effects and mechanical damages.
- 5.2. Before transportation to a maintenance shop for repair, the pistol should be accordingly packed. Transportation packing should deny any chance of being moved inside and should protect the pistol against mechanical damage, dust and moisture.
- 5.3. The pistol should be kept in a dry warm place without any acidic, alkaline or other aggressive impurities in the air at the temperature between the range of 5 and 45°C and with relative humidity not more than 80 %.

## 6. WARRANTY

6.1. This pistol is guaranteed to be free of manufacturer's defects for one year from the purchase date or for 2000 shots fired from the pistol whichever comes first, provided that the customer has observed operation manual, rules of transportation and storage and manufacturer's seals (disassembly control label) are not broken.

6.2. The pistol service life is 5000 shots or ten years from the purchase date, but not more than 12 years from the production date.

Address of authorized service repair and maintenance shops can be taken from the distributor.

6.3. Warranty of the pistols is not valid for cartridges.

NOTE: Manufacturer has the right to change the design of the pistol without any notification to the customer.

## 7. DESCRIPTION OF PARTS

Description of items as shown in Fig. 15

##	Part No.	Description	##	Part No.	Description
1	121-00-1	Frame	22	121-00-26	Rear support Fixing pin
2	121-00-5	Hammer	23	121-00-27	Latch pin
3	121-00-6	Trigger bar	24	121-00-28	Pawl pin
4	121-00-7	Safety	25	121-00-29	Slide release lever spring
5	121-00-9	Stopper	26	121-00-30	Rocker arm pin
6	121-00-10	Knob left	27	121-00-31	Post pin
7	121-00-11	Knob right	28	121-00-34	Nut
8	121-00-12	Sear	29	121-00-36	Hammer pin
9	121-00-13	Rod	30	121-00-38	Pawl spring
10	121-00-14	Pawl	31	121-00-40	Latch spring
11	121-00-15	Latch	32	121-011-1	Load
12	121-00-16	Bolt	33	121-011-2	Barrel
13	121-00-17	Rest	34	121-011-3	Pin
14	121-00-18	Slide release lever	35	121-011-4	Pin
15	121-00-19	Rocker arm	36	121-01-1	Buttress
16	121-00-20	Front support fixing pin	37	121-01-2	Trigger
17	121-00-21	Stopper spring	38	121-01-3	Limitator
18	121-00-22	Rest spring	39	121-01-4	Finger
19	121-00-23	Recoil spring	40	121-01-5	Trigger sear
20	121-00-24	Trigger pin	41	121-01-7	Finger axis
21	121-00-25	Sear spring	42	121-01-8	Trigger sear axis

##	Part No.	Description	##	Part No.	Description
43	121-01-9	Bushing pin	66	121-02-4	Valve spring
44	121-01-10	Pin	69	121-021-1	Seat
45	121-01-11	Main spring	70	711141.005	Coupling
46	121-01-12	Buffer	79	305122.001	Filter SB
47	121-01-13	Buffer spacer	84	121-00-2	Slide
48	745512001	Sear spring	85	121-00-8	Front sight blade
49	121-00-3	Post	86	5916-70	Fixing nut
50	121-00-4	Lock	87	121-05-1	Cramp
51	121-04-1	Cover	88	121-05-2	Sight leaf
52	121-04-2	Cramp	89	121-05-3	Rear sight leaf
53	121-04-3	Axis	90	121-05-4	Horizontal screw
54	121-00-32	Lock axis	91	121-05-5	Vertical screw
55	121-00-33	Front sight blade rotation axis	92	121-05-6	Ball spring
56	121-00-39	Lock spring	93	121-05-7	Sight spring
57	121-03-1	Beam	94	121-05-8	Cramp pin
58	121-03-2	Screw	95	121-05-9	Nut M1.6
59	121-03-3	Ring	96	5916-70	Nut M3
60	121-02-1	Valve case	97	1476-84	Screw M3
61	121-02-2	Slide valve	98	3722-81	Ball, d=2mm
62	121-02-3	Gasket	99	121-00-41	Pusher
63	711163.001	Nut	100	121-06CÁ	Magazine assembly
64	712351.001	Needle	101	754175002	Ring
65	711141.002	Ring			

Fig. 15

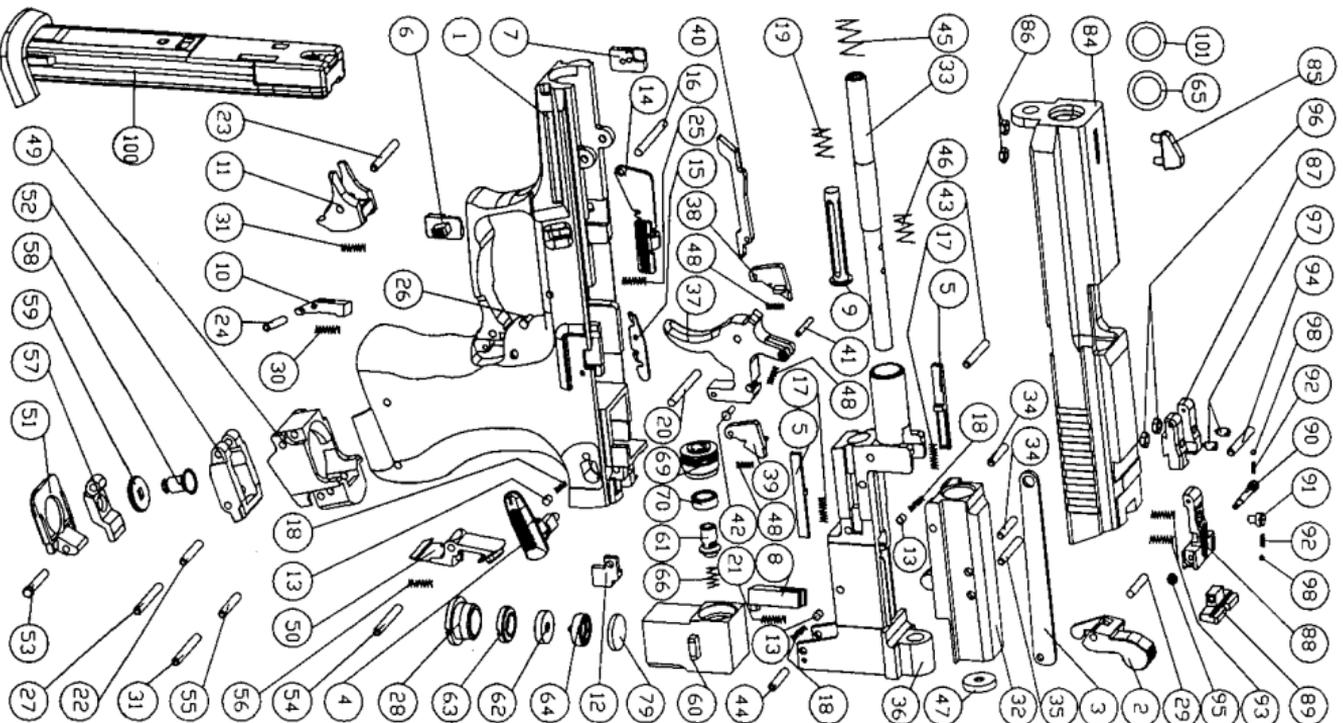
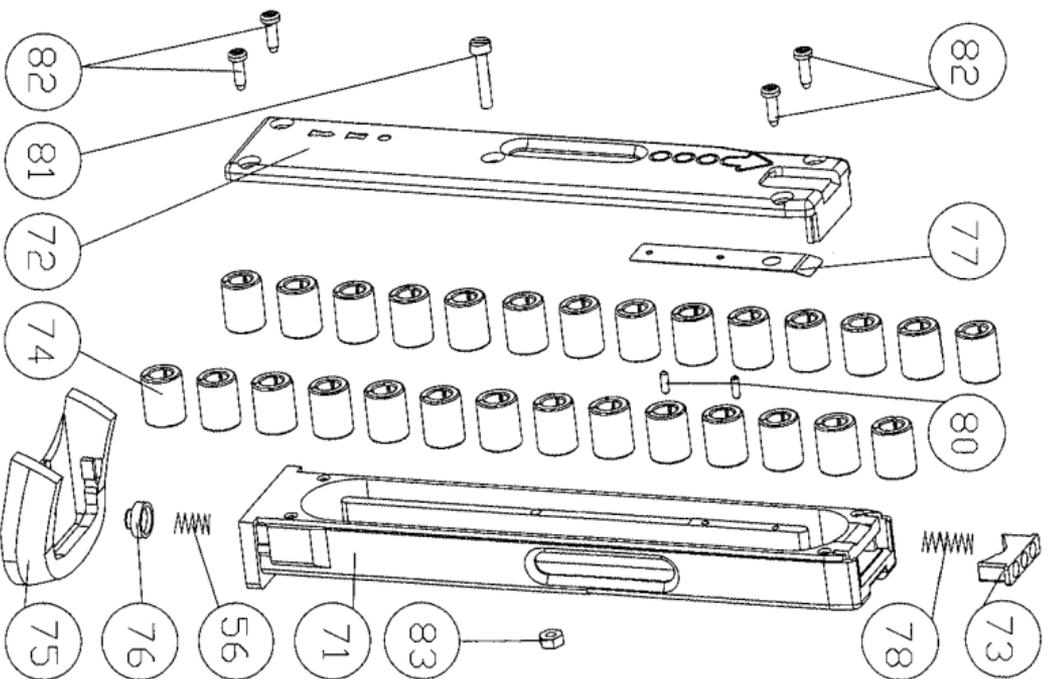


Fig. 16



Descriptions  
of items as shown in Fig. 16:

##	Part No.	Description
71	121-06-1	Case
72	121-06-2	Cover
73	121-06-3	Rusk
74	121-06-4	Container
75	121-06-5	Shoe
76	121-06-6	Button
77	121-06-7	Flat spring
78	753511.008	Spring
56	121-00-39	Lock spring
80	121-06-9	Pin, d=1.4
81	121-06-10	Screw M2x15
83	5916-70	Nut M2
82	17475-80	Screw M2



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