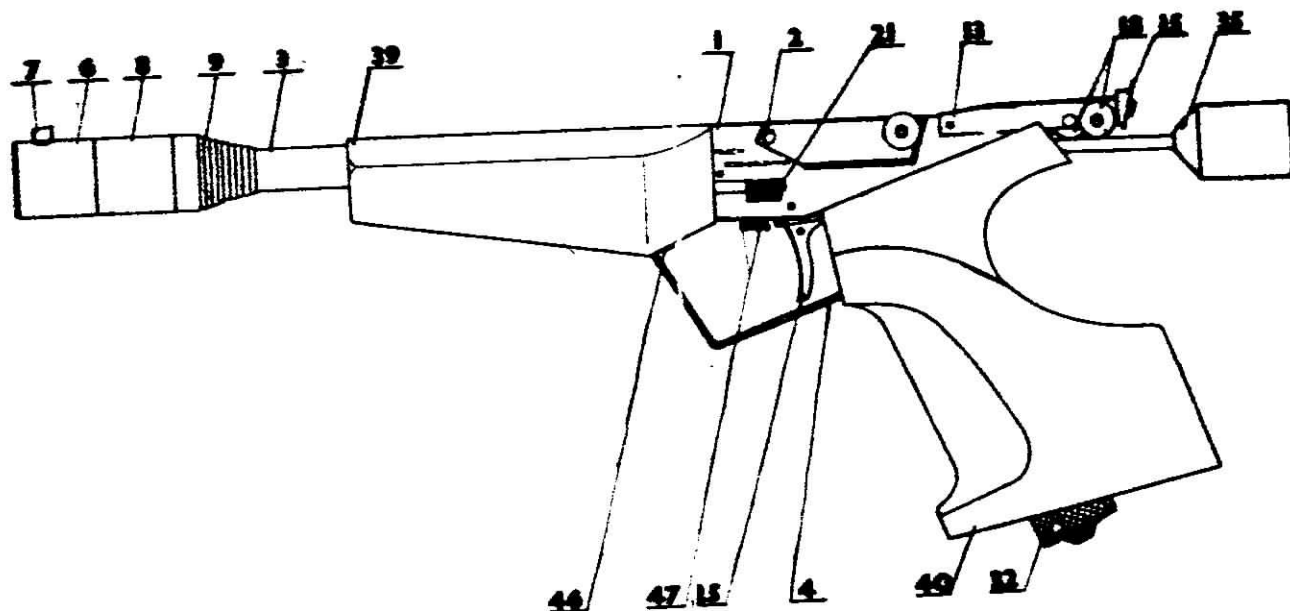
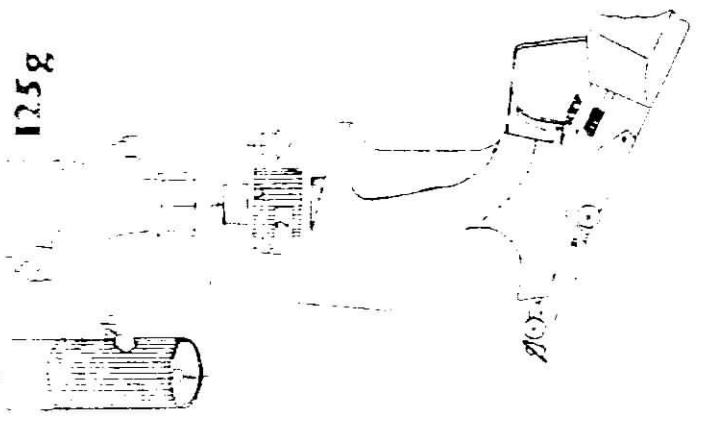
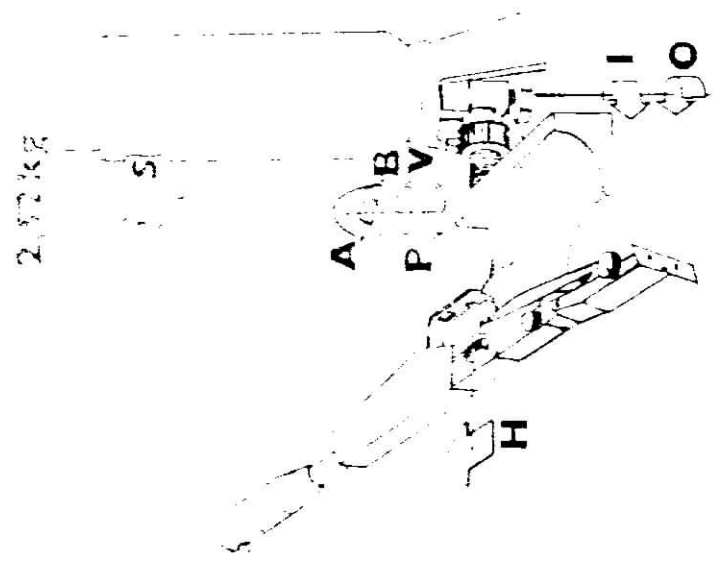
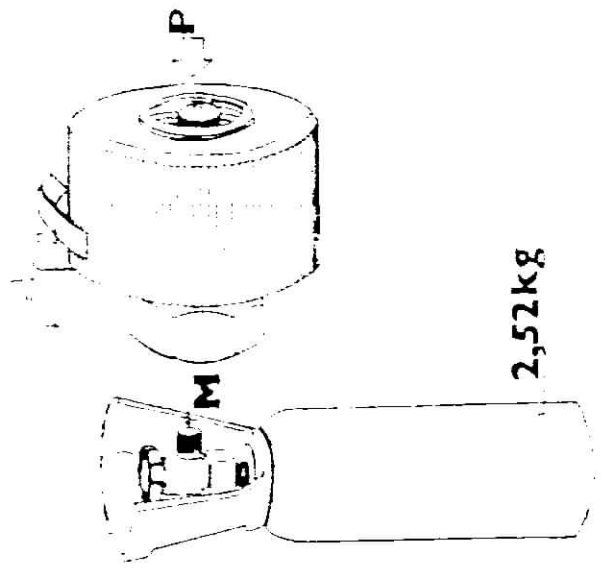
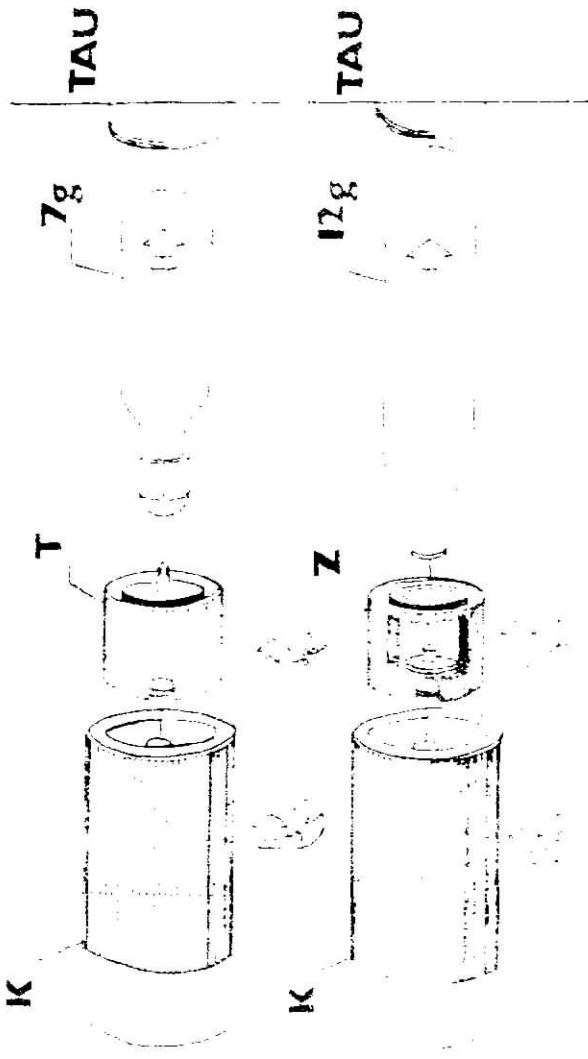
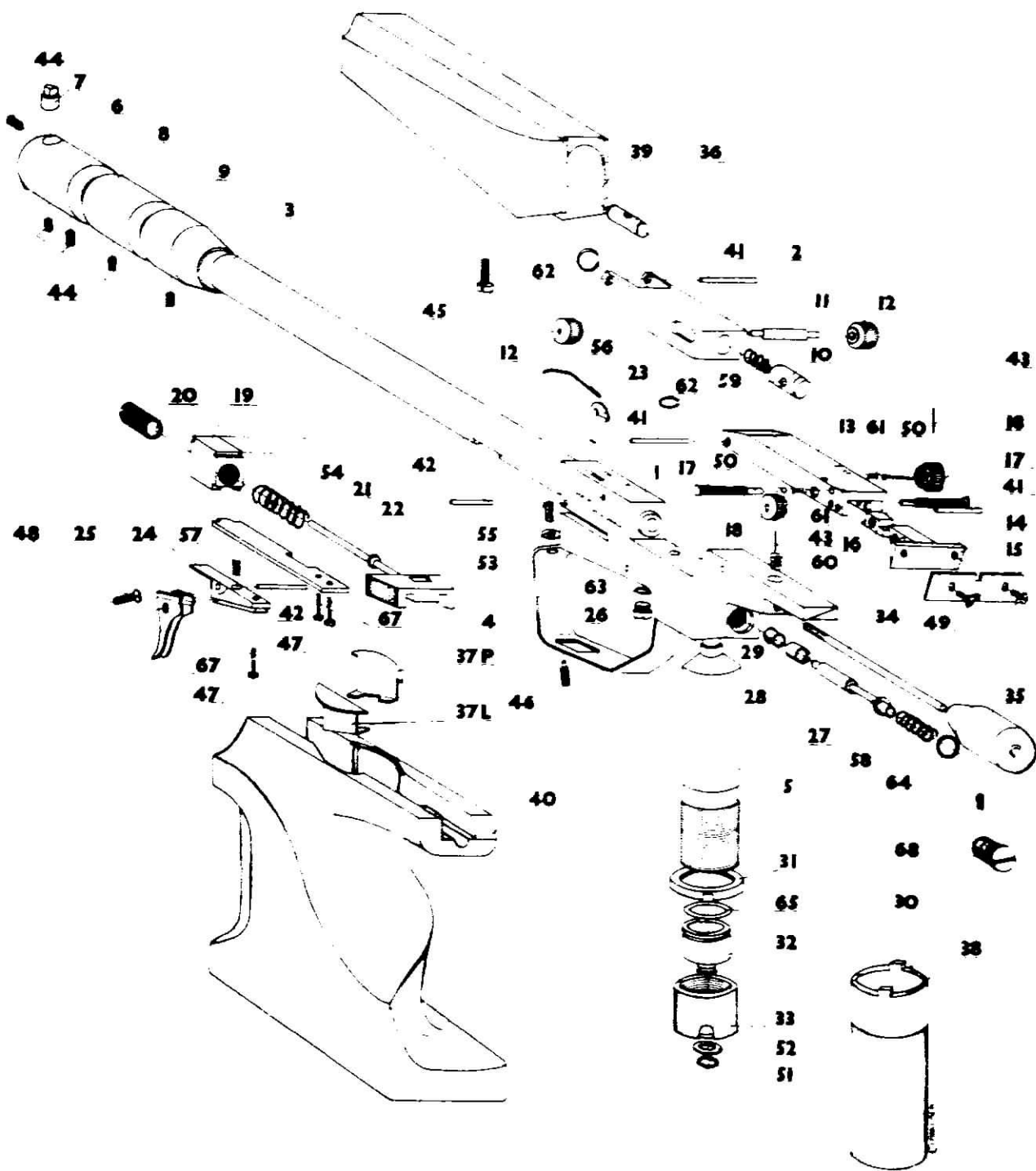


CO₂ MATCH PISTOL
SCHEIBENPISTOLE CO₂

TAU-7







TAU - 7 CO₂ MATCH PISTOL

SPARE PARTS LIST

Position	Description
01	Receiver
02	Breech
03	Barrel
04	Trigger Guard
05	Container
06	Front Sight Base
07	Front Sight
08	Collar Weight
09	Conic Collar Weight
10	Breech Locking Piece
11	Locking Piece Pin
12	Push Button
13	Rear Sight Mount
14	Rear Sight Leaf Holder
15	Rear Sight Leaf
16	Elevation Adjustment Piece
17	Rear Sight Adjustment Screw
18	Serrated Screw Head
19	Support Block
20	Adjustment Screw - Velocity
21	Internal Hammer
22	Trigger Lever
23	Sear
24	Trigger Base
25	Trigger
26	Hammer Stop
27	Control Valve
28	Gasket
29	Distance Ring - Valve
30	Screw Plug
31	Ring Nut - Grip
32	Needle - Container Cap

Position	Description
33	Nut - Container Cap
34	Counter Weight Carrier
35	Counter Weight
36	Forend Insert
37	Grip Insert Right/Left
38	Tubular Spanner
39	Forend
40	Grip
41	Breech Pin
42	Trigger Base Pin
43	Push Button Pin
44	Front Sight Screw
45	Forend Screw
46	Adjstmen Screw - Trigger Pull Weight
47	Trigger Adjustment Screw
48	Trigger Screw
49	Rear Sight Leaf Screw
50	Steel Ball
51	Circlip
52	Washer - Container Cap
53	Washer /belongs to po. 46/
54	Hammer Spring
55	Trigger Lever Spring
56	Sear Spring
57	Trigger Base Spring
58	Valve Spring
59	Locking Piece Spring
60	Rear Sight Base Spring
61	Plunger Spring
62	O-Ring /Breech/
63	O-Ring /belongs to pos. 26/
64	O-Ring /belongs to pos. 30/
65	O-Ring /belongs to pos. 32/
67	Spring /belongs to pos. 47/

CO₂ Match Pistol Model TAU - 7

Model TAU-7 is a single shot CO₂ pistol designed for competitive target shooting.

Its specification fully complies with UIT regulations for international shooting competitions with compressed - air pistol at the distance of 10 m.

The pistol is well balanced and it has already won a reputation for an excellent accuracy.

A design of the pistol makes it possible to adjust its controls according to individual needs of a user.

The Model TAU - 7 features a fully adjustable trigger, micrometric sights, a quick action trigger mechanism with an option to pre-set the trigger pull.

The specification of the pistol TAU - 7, its excellent accuracy as well as the overall high quality of the finish provide a first rate potential for an outstanding performance.

Specifications

Dimensions :	400 /420/ x 155 x 49,5 mm
Weight :	1,05 kg /empty/
Barrel Length :	260 mm
Calibre :	4,5 mm
Distance between the front and rear sight	350 mm
Muzzle Velocity V ₀ :	130 m/sec.
Pattern at the 10 m :	max. Ø 7 mm /5x RWS Meisterkugeln/
Trigger pull :	4,9N /3 - 8N adjustable/
Trigger pull length :	0,3 - 3 mm /adjustable/
Position of the barrel axis above the shooting hand	0 mm

LOADING A CO₂ BULB

Activate the trigger assembly by pulling the lever /21/ forward.

Remove the container cap /32/ which is located at the base of the grip. Insert a 12 g CO₂ bulb into the container. The bulb closure must be positioned against the cap. Screw the cap onto the container. An audible hiss indicates that the needle punctured the bulb. Some CO₂ bulbs may have the closure made of harder metal and turning the cap may be required to increase the pressure.

To increase the torque use the the spanner supplied with the pistol.

Pull the trigger of the unloaded pistol to make sure that the propellant gas has been released from the bulb.

The rubber O-ring on the closure cap may be somewhat swollen if exposed to the effect of carbon dioxide for some time. The swelling is temporary and will disappear after few hours. To overcome this problem the pistol is supplied with a spare closure cap. The life expectancy of the O-ring may be increased by the occasional application of silicone oil.

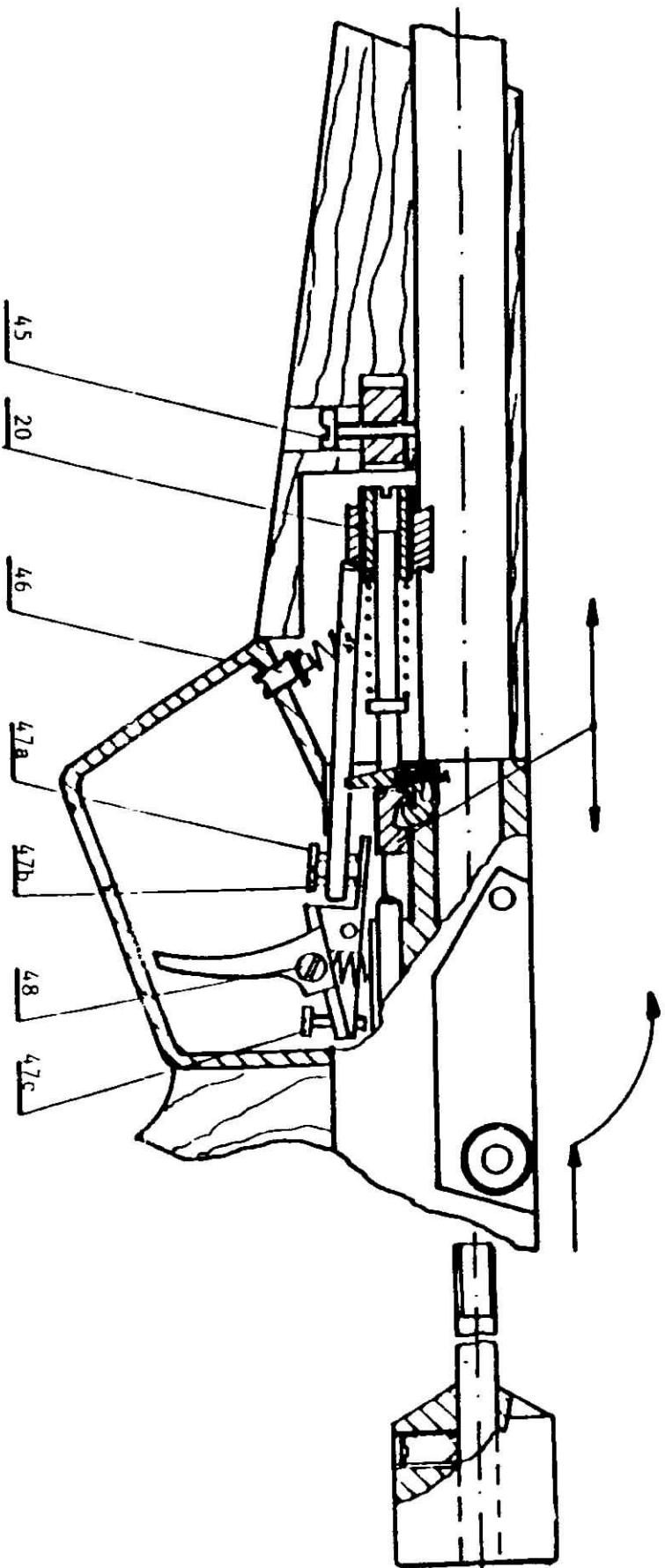
LOADING

Compress the push buttons on the breech block and lift it. Insert the pellet into the barrel and close the breech. Pull the lever /21/ forward to activate the trigger assembly. It is recommended to squeeze the trigger when the lever /21/ is pulled forward.

SIGHTS

The rear sight leaf may be laterally or vertically adjusted by turning the serrated screw heads /18/ located on the right and left hand side of the rear sight assembly.

The letters engraved on top of the assembly indicate the direction of adjustment. Turning the screw head by one click shifts the point of impact by 2,4 mm at 10 m. Different rear sight leaves are available as optional accessory.



- 45 Forend Screw
- 20 Muzzle Velocity Control Screw
- 46 Adjustment Screw - Trigger Pull Weight
- 47a Adjustment Screw - Trigger Pull Length
- 47b Adjustment Screw - Trigger Pull Length
- 47c Adjustment Screw - Trigger Stop
- 48 Trigger Leaf Screw

Two stage trigger pull may be set up in the following way:

Make sure that no pellet is left in the barrel. Pull the lever /21/ forward. Keep turning the screw /47b/ clockwise until discharge. Then turn the screw anticlockwise by 360° . The screw /47a/ is adjusted in a similar way. It should be, however, reversed by $1\frac{1}{2}$ turn after discharge.

With the trigger assembly tuned in that way you may achieve a very short trigger pull length simply by turning the screw /47a/ clockwise by 360° .

To increase the trigger pull length turn the screws anticlockwise, reverse to reduce.

It is recommended to adjust the screws /47a,b/ by steps not exceeding $1/4$ turn. Check a correct function of the trigger by a discharge of the unloaded pistol after each step.

The trigger can only be adjusted within certain limits. Turn either screw beyond that limit and the trigger assembly ceases to function.

MUZZLE VELOCITY

Muzzle velocity is preset to 130 m/sec. by the manufacturer. The access to the valve controlling the muzzle velocity is sealed. With that muzzle velocity a 12 g CO₂ bulb will last 80 - 90 discharges depending on temperature.

OPERATION TEMPERATURE

With regard to physical properties of carbon dioxide it is recommended to use the pistol in temperatures from $+5^{\circ}$ to $+35^{\circ}$.

DISCHARGE OF REMAINING GAS PRESSURE

If the pistol is put away or a bulb is to be changed be sure to discharge the compressed carbon dioxide remaining inside the container by pushing the lever /21/ back towards the grip. If necessary reduce the pressure by repeated pulls on the trigger of the unloaded pistol. Always be sure there is no gas pressure inside the container before removing the cap. Never try to remove the cap forcibly.

BALANCING

Detachable collar weights fitted on the front part of the barrel make it possible to balance the pistol according to your requirements.

The collar weight fitted on the muzzle serves as a front sight base. Shifting it back may reduce a distance between the sights. That may be beneficial for an initial training.

TRIGGER

Design of the trigger assembly ensures a regular trigger pull weight. The trigger position may be adjusted by releasing the screw /48/ and shifting the trigger /25/ into a convenient position. Be sure to tighten the screw /48/ again.

TRIGGER PULL WEIGHT

The screw /46/ located at the front of the trigger guard serves to adjust the trigger pull weight. Turn it clockwise to increase, reverse to decrease.

TRIGGER STOP

The trigger stop is controlled by the screw /47c/ located behind the trigger. Activate the trigger assembly of the unloaded pistol by pulling the lever /21/ forward.

Turn the pistol upside down. Turn the screw /47c/ to reduce a trigger play after discharge and reverse to increase.

TRIGGER PULL LENGTH

Trigger assembly may be tuned as a two stage pull trigger. By turning the screws /47a, 47b/ located before the trigger it is possible to achieve either a longer smooth trigger pull or a very short, almost instant trigger action.

MAINTENANCE

Let the gas escape out of the container and remove CO₂ bulb. Clean the barrel rifling with a piece of dry cotton cloth. Apply a few drops of a rifle oil into the barrel for rust protection. Check the O-ring of the closure cap regularly and change it if the ring is worn or damaged.

ACCESSORIES

Storage/carrying case

Spanner

Closure cap

Set of essential tools

Front sight /2 pcs/

Rear sight leaf /4 pcs/

Spare O-rings

Circlips