

Attention:

This operator's manual should be read carefully before using the pistol!

Important measures when using arms:

All firearms are dangerous objects, they should be used and stored with utmost caution!

Always treat an unloaded weapon as if it were loaded. Never put your finger on the trigger, except when actually firing a shot. Always ensure that the weapon is pointing in a safe direction. Keeping the weapon in perfect condition ensures safety.

Weapons always have to be stored out of the reach of unauthorized persons.

TABLE OF CONTENTS

1	Technical data	26
2	Dry firing mechanism	27
3	Cocking, loading, firing	27
4	Sight adjustment	28
4.1	Moving or exchanging the front sight	28
4.2	Rear sight adjustment	29
5	Trigger adjustment	30
5.1	Trigger blade adjustment	30
5.2	Adjusting the trigger stop	31
5.3	Adjusting the trigger pull force	32
5.4	Adjusting the first stage travel	33
5.5	Second stage pressure adjustment	34
5.6	Rear adjustment	35
6	Grip adjustment	36
7	Replacing and refilling the compressed-air cylinder	37
8	Cleaning and care	38
9	Guarantee clauses	38
10	Parts list	40

1 TECHNICAL DATA

Calibre 4.5 mm (.177)

Overall height of weapon 148 mm

Overall length of weapon 400 mm

Overall width of weapon 50 mm

Total weight of weapon 968 g

Sight length adjustable from 316 mm
..... to 365 mm

Front sightrelocatable front

Rear sightRear sight either 3.5 or 4 mm

Barrel length 233 mm

Maximum filling pressure 200 bar

2 DRY FIRING MECHANISM

The cocking lever has to be pulled backwards to the stop (in the vertical position) and then moved forward again until you feel the first resistance. The letter "T" on the casing is still visible.

The mechanism is cocked. Trigger characteristics are realistic and can be tested for real shooting but no compressed air will escape.

3 COCKING, LOADING, FIRING

Pull back the cocking lever to the stop, this cocks the pistol and opens the loading port.

Insert a Diabolo pellet and fully close the cocking lever again. Only the letter "F" will be visible on the casing. The pistol is ready for firing.

4 SIGHT ADJUSTMENT

The setscrews have to be turned as follows:

High hit - turn height-adjusting screw in direction H

Low hit - turn height-adjusting screw in direction T

Right hit - turn side-adjusting screw in direction R

Left hit - turn side-adjusting screw in direction L

One click of the side-adjusting screw changes the point of impact position by 1.2 mm at a target distance of 10 m.

4.1 Moving or exchanging the front sight:

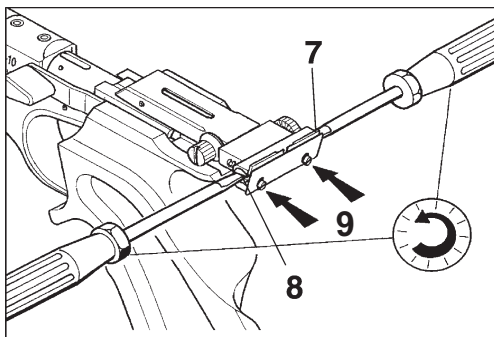
After loosening the countersunk screw the front sight can be moved backward and forward.

4.2 Rear sight adjustment

The Steyr LP 10 is equipped with an adjustable rear sight, this feature enables you to adjust sighting width continuously from 0 to 7 mm. Turning screw 7 clockwise or screw 8 counter-clockwise increases the gap between the rear sight plates.

The depth of the gap is continuously adjustable from 1.8 mm to 2.6 mm.

For this procedure, loosen screws 9. Slide cover plate into desired position and retighten screws.



5 TRIGGER ADJUSTMENT

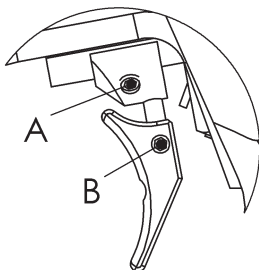
In the factory the trigger adjustments are set in such a way that the trigger pulling force corresponds to the ISSF-shooting rules and a smooth pulling function is ensured. Individual adaptation is possible.

PLEASE NOTE: Before making any changes on the trigger, ensure that the weapon IS UNLOADED.

5.1 Trigger blade adjustment

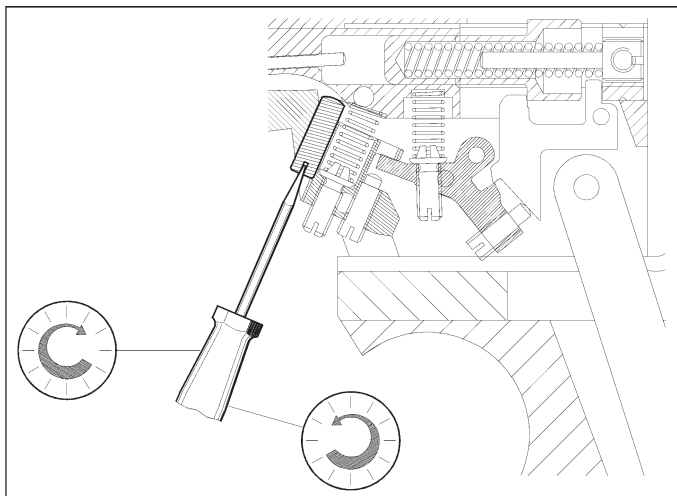
Loosen countersink screw A the trigger blade can be moved in longitudinal directions.

Loosen countersink screw B the trigger blade can be moved in height and angle.



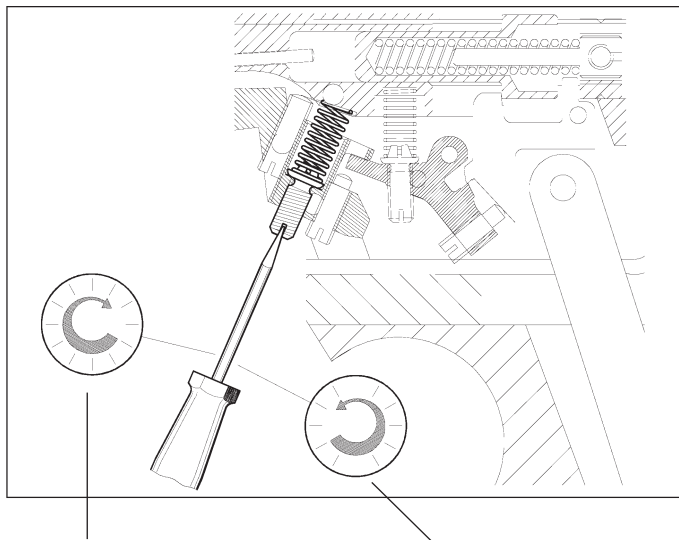
5.2 Adjusting the trigger stop

Turning the screw clockwise shortens the 'aftertravel' of the trigger blade after shot release. Turning the screw counter-clockwise lengthens the 'aftertravel'.



PLEASE NOTE: Too fine adjustment of the trigger stop may cause inconsistent trigger weight and release.

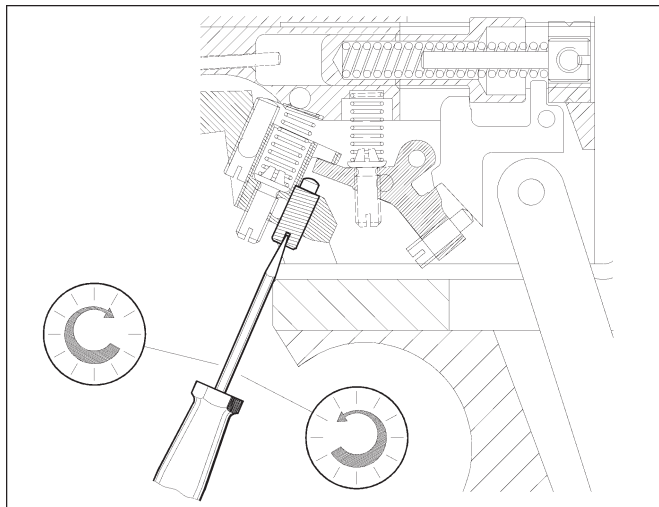
5.3 Adjusting the trigger pull force



Turning the screw anticlockwise reduces the trigger pull force

Turning the screw clockwise increases the trigger pull force

5.4 Adjusting the first stage travel

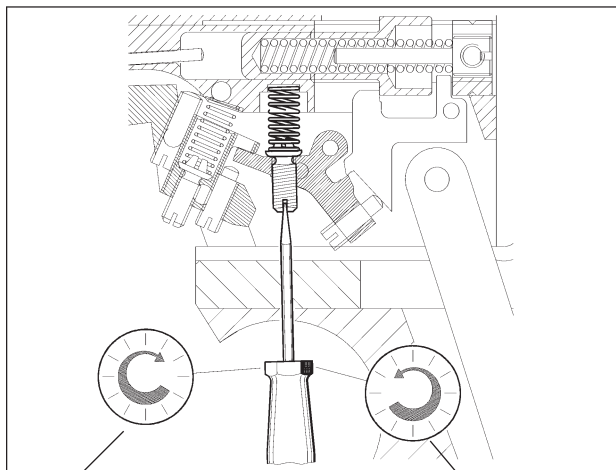


To reduce first stage travel, first loosen the triggerstop screw counter-clockwise a few turns.

Turning the screw clockwise reduces the dead travel;
Turning the screw anticlockwise increases the dead travel.

5.5 Second stage pressure adjustment

Remove the grip.

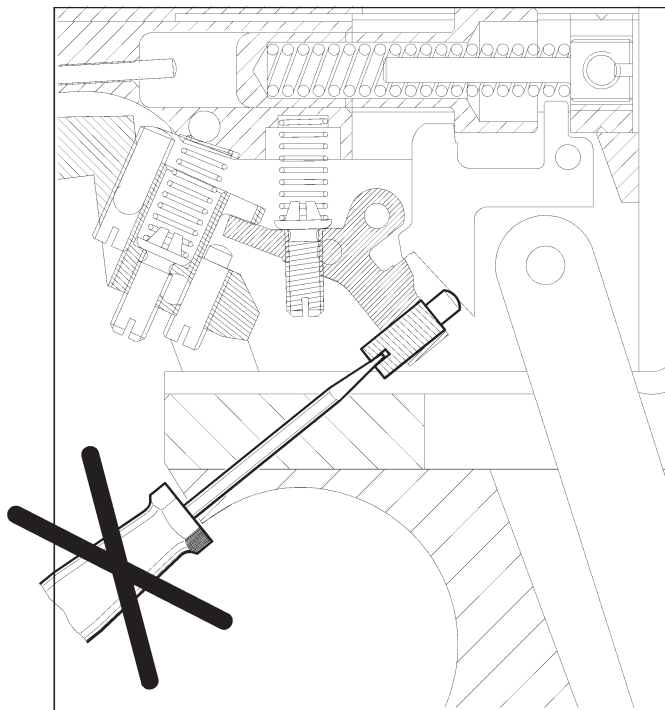


Turning screw clockwise increases the second stage pressure

Turning screw anticlockwise decreases the second stage pressure

5.6 Rear adjustment

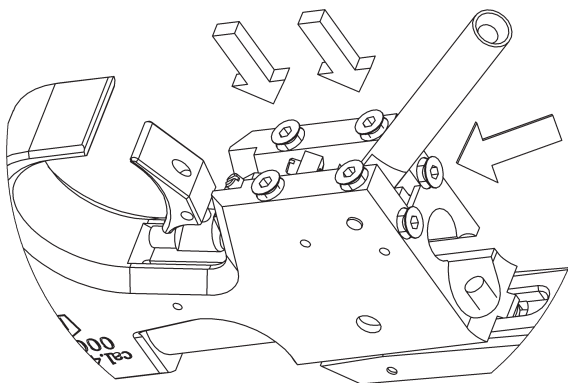
The bridging of the rear between trigger rear and trigger lever is exactly adjusted by the factory and **must not be changed**.



6 GRIP ADJUSTMENT

The grip is adjustable and pivotable the weapon system in all directions and may be widely adapted to the shooter's stance. For this purpose the grip has to be removed.

Adjustment is achieved by means of the screws located at the bottom and the rear of the casing



PLEASE NOTE: The two countersunk screws on the rear of the casing must always protrude at least 2.5 mm, to assure the velocity screw is clear of the grip.

7 REPLACING AND REFILLING THE COMPRESSED-AIR CYLINDER

The legal requirements and rules of the respective country must be adhered to. Compressed-air cylinders have to be inspected after 10 years exclusively by the manufacturer. It is the responsibility of the customer to return the cylinders to the manufacturer.

The compressed-air cylinder may be unscrewed and removed at any time without being emptied.

WARNING! Do not tamper with compressed-air cylinder and valve. It may cause injury!

The compressed-air cylinder is to be charged with a maximum filling pressure of 200 bar.

For recharging the cylinder proceed as follows:

- either mount the compressed-air cylinder on a recharging bottle
- or mount the compressed-air cylinder on a hand pump
- or mount the compressed-air cylinder on a compressor

8 CLEANING AND CARE

In standard use the weapon operates maintenance-free and no oiling is required.

The only maintenance required is to slightly grease the O-ring in the loading port and the O-ring at the threaded adapter socket for the compressed-air cylinder with a special lubricant (acid-free silicone grease) every 1000 shots. This will increase the service life of the O-rings.

To clean the barrel shoot some dry (**not greased**) felt pellets or cleaning strings through the barrel (available at your dealer).

9 GUARANTEE CLAUSES

If within two years from the day of purchase any cracks or breaks should occur on this weapon that are due to material failure we undertake repair the defective parts free of charge. (except breakage or cracking of the stock/pistol grip or O-rings).

Guarantee will be given by either replacing or repairing the weapon or parts of it at our sole discretion. **The guarantee is only valid if the fully completed guarantee card is returned immediately after purchasing the weapon.**

No guarantee claims will be accepted by the Steyr-Sportwaffen GmbH if:

- a) the weapon has been damaged or destroyed by force majeure or environmental influences;
- b) in case of damages/defects having been caused by improper treatment, or handling or by lack of care;
- c) if the weapon has been repaired, machined or altered by any person or workshop other than an authorised Steyr Sportwaffen GmbH workshop.

Claims for damages and product liability:

No claims for direct or indirect damages will be accepted.

Liability for material damages resulting from the product liability law, BGBL 99/1988, as well as any product liability claims that could be derived from other provisions are excluded.

The object of purchase warrants only that type of safety which may be expected in accordance with the homologation rules, service manual, manufacturer's instructions as well as any other pertinent information received.

The above clauses govern the full customer/manufacturer relationship with our company. Any additional claims, in particular for any kind of damages or losses caused by the weapon or its use, are excluded.

Guaranteed Steyr Sportwaffen accuracy:

Our barrels are made from high quality barrel steel and are produced according to the latest findings in barrel production technology. Our weapons are well known for their outstanding accuracy. However, the accuracy of a weapon depends on several factors; one of the most important factors is the ammunition used. Not every ammunition "fits" every barrel equally good.

If you follow our suggestion, we guarantee that you will achieve outstanding accuracy with your new product.

To check precision with a clamped weapon, it is advisable to clamp the pistol around the area of the trigger guard.

10 PARTS LIST

Item	Designation
1	Barrel
2	Barrel casing, assy
2.1	Barrel casing
2.2	Compensator
2.3	Hexagon socket set screw
2.4	Hexagon socket set screw
3	Hexagon socket set screw
4	Front sight 4.5 mm
5	Countersunk screw
6	Barrel weight assy
7	O-ring
8	Barrel weight
9	Screw lock
10	Hexagon socket set screw
11	Hexagon socket set screw
12	Casing
13	O-ring
14	Hexagon socket set screw
15	Cam
16	Cam screw
17	Pressure spring
18	Valve assy
19	Hammer
20	Set screw V0
21	Threaded bushing
22	Cocking lever
23	Cocking lever handle
24	Stop screw
25	Parallel pin
26	Hex. socket countersunk head screw
27	Grip locking rod
28	Parallel pin
29	Pressure reducing valve
29.1	Piston assy
29.2	Adapter for pressure reducing valve
29.3	Housing for pressure reducing valve

Item	Designation
29.4	Adjusting screw for pressure reducing valve
29.5	Cover for pressure reducing valve
29.6	Guiding sleeve
29.7	O-ring
29.8	O-ring
29.9	O-ring
29.10	O-ring
29.11	Connecting screw
29.12	Disc spring
29.13	Filter
30	Mounting screw
31	Sight carrier
32	Rear sight plate right
33	Rear sight plate left
34	Spindle, right
35	Spindle, left
36	Fixing clamp
37	Cover plate
38	Slotted cheese head screw
39	Sight yoke
40	Sliding block
41	Height adjusting screw
42	Spring for sight carrier
43	Spring to sight yoke
44	Catch spring
45	Ball
46	Circlip
47	Lateral adjusting screw
48	Sight plate
49	Screw for sight plate
50	Washer
51	Spring
52	Pressure spring
53	First stage pressure spring
54	Spring
55	Trigger blade carrier assy
55.1	Trigger blade carrier
55.2	Screw lock

Item	Designation
55.3	Screw lock
55.4	First stage pressure adjusting screw
55.5	Slotted set screw
55.6	Slotted headless screw
56	Trigger lever assy
56.1	Trigger lever
56.2	First stage pressure adjusting screw
56.3	Slotted headless screw
56.4	Screw lock
57	Trigger sear
58	Trigger complete
58.1	Trigger mount assy
58.2	Trigger pin
58.3	Trigger blade
58.4	Slotted raised countersunk head screw
58.5	Hexagon socket set screw
58.6	Hexagon socket set screw
58.7	Disc spring
59	Bolt
60	Stabilizer
61	Catch lever
62	Bolt roller
63	Guide ring
64	Pressure spring
65	Parallel pin
66	Ball
67	Cross rec. countersunk head screw
68	Spring
69	Hexagon socket set screw
70	O-ring
71	O-ring
72	Propellant cylinder compressed air
72.1	Cylinder body compressed air
72.2	Cylinder valve compressed air
72.3	Valve head
72.4	Trigger adjusting spring
72.5	Cylinder valve tappet assy
72.5.1	Cylinder valve tappet

Item	Designation
72.5.2	Parallel pin
72.6	O-ring
72.7	Valve body for pressure reducing valve
72.8	O-ring
72.9	Supporting ring
73	Grip, complete
73.1	Grip
73.2	Palm shelf
73.3	Label
73.4	Slotted cheese head screw
73.5	Grip weight 25 g
73.6	Distance plate
73.7	Rest plate
73.8	O-ring
73.9	Washer
74	Sight carrier assy
75	Alu-trigger complete
75.1	Trigger blade carrier
75.2	Slotted set screw
75.3	Parallel pin
75.4	Trigger blade