Automatic Pistol

Mod. P9S

Calibre 9 mm × 19

HECKLER & KOCH GMBH

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HECKLER & KOCH GMBH - OBERNDORF/N. - GERMANY

Contents

HECKLER & KOCH GMBH in Oberndorf/Neckar

has a long tradition and vast experience in the development and manufacture of automatic small arms.

The proven

G3 AUTOMATIC RIFLE

standard weapon of the Federal German army and the armed forces of numerous NATO and non-aligned countries, is the basic weapon from which the

HK Weapons System

was developed. All HK small arms and accessories incorporated in this system are manufactured of high-quality materials in accordance with the non-cutting method, the most economic and advanced method in modern weapons technology.

And, of course, this also applies to the

P 9 S Automatic Pistol

Characteristics

The P 9 S Automatic Pistol

with double action trigger has a concealed hammer and laterally located cocking lever with uncocking safety. This **high-performance automatic pistol** is characterised by the **polygon** groove shape of its stationary barrel and the roller locked action.

This roller locking system has met with particular interest in modern weapons technology. By breaking down the momentum in the bolt, the recoil velocity of the slide is significantly reduced, and with it the noticeable kick.

Gas cutting is largely eliminated because there are no pronounced grooves and lands in the polygon barrel, resulting in increased projectile velocity, reduced notch sensitivity and easy cleaning.

In conjunction with the short distance between the upper edge of the shooter's hand and the axis of the barrel, the aforementioned characteristics ensure that this pistol is **extremely accurate** and **lines up fast.**

Heckler & Koch GmbH were quick to recognize the excellent suitability of plastic material for certain parts of their weapons and equipment. The low sensitivity of the new plastics to extreme temperature variations, such as on the grips of military small arms for example, has proven to be of exceptional value. For this reason, the receiver of the **P 9 S** is completely plastic covered.

Handling the P 9 S Automatic Pistol

Safety

The **safety** can be **engaged** or **disengaged** by moving the fire selector lever upwards or downwards.

If the red mark is visible, the **safety is off.**

If the white mark is visible, the **safety is on.**

Fig. 1:
Safety off

Fig. 2:
Safety on

Filling the magazine

Insert the cartridges under the magazine lips, base first, by pressing down follower or the cartridge.

The magazine holds 9 cartridges.

Fig. 3:
Filling the magazine

Loading and cocking the pistol

Only with the safety on!

First method

Insert a filled magazine into the closed weapon until the magazine catch engages. Pull back slide and release. This chambers the top cartridge from the magazine (Fig. 4).

Second method

Pull back slide and press the cocking lever upward until the catch engages the notch. Now insert a filled magazine into the open weapon.

Either: Pull slide back and release,

Or: Press cocking lever downward.

In both cases the slide will run forward and chamber the top cartridge from the magazine.

Fig. 4:

Pull back slide

With both methods, the pistol is then **loaded,** the hammer is **cocked** and the **safety is on.**

The indicator pin, which can be both seen and felt (Fig. 5) at the rear of the slide shows that the **hammer is cocked.** The protruding extractor (Fig. 6) lets the shooter both see and feel **that a round is in the chamber.**

Fig. 5:
Indicator pin

Fig. 6:
Extractor

Reloading when the magazine is empty

After the last round has been fired, the slide will remain in its rearmost position. To continue firing immediately, simply exchange the empty magazine for a full one and

Either: Press the locking lever downward, causing the slide to snap forward.

Or: Pull the slide back slightly and release.

The pistol is again ready to fire.

Fig. 7: Reloading the pistol

Unloading the pistol

Engage the safety!

Remove the magazine (Fig. 8). Pull the slide back; the cartridge will be ejected.

Check to make sure that there is no round in the chamber; release slide.

Uncocking the pistol

in loaded or unloaded condition. Engage the safety, **press down the cocking lever**, pull the trigger all the way back, permit cocking lever to return slowly upward again and release trigger.

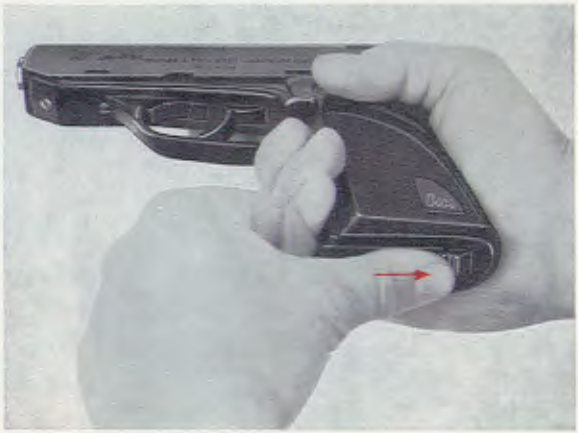


Fig. 8:

Press back magazine catch

Should the thumb slip inadvertently from the cocking lever, the hammer is retained by the uncocking safety.

Should the trigger be pulled inadvertently before pressing down the cocking lever, with the **safety engaged,** the hammer will be retained by the safety axle. The weapon should, however, not be uncocked repeatedly by pulling the trigger.

If the pistol is to be carried in ready-to-fire position, disengage safety.

Firing

Firing with the hammer cocked

Weapon loaded (round in the chamber).

Disengage the safety.

Pull the trigger; this will release the **cocked** hammer. Light trigger pull = increased accuracy.

Before operating the cocking lever and pulling the trigger, engage the safety.

Firing with the hammer uncocked and double action trigger

Pull the trigger; this will cock and release the hammer. The external **cocking lever** permits the hammer to be cocked for the **first shot** or to be **re-cocked** in the event of a misfire. The double action trigger has a longer travel and a heavier pull than the single action trigger.

Field stripping for cleaning

Engage the safety!

Remove the magazine.

Pull slide back all the way and check to make sure that there is no round in the chamber.

Permit the slide to run forward again.
Press the barrel catch in the trigger guard forward and upward. Move the slide forward as far as it will go and lift off (Fig. 9).

Fig. 9: Remove slide

To **remove the barrel,** push it forward against the pressure of the spring until it can be removed from the slide.

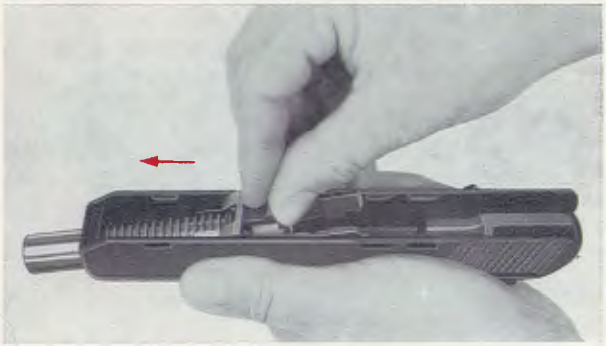


Fig. 10: Remove the barrel

To **remove the bolt head,** with one shank end of the barrel extension between bolt head and slide, press against the locking lever until the bolt head springs forward and can be removed.

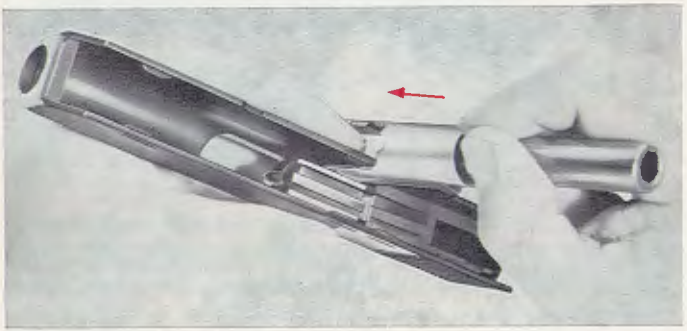


Fig. 11: Press against the locking lever

Assembling the pistol

To **insert the bolt head,** place its rectangular opening on the locking piece (extractor towards the ejection port) and, as when removing, press the locking lever downward with one shank of the barrel extension and pull the bolt head back again until it engages.

Push the barrel with recoil spring (large dia at muzzle end) obliquely into the hole in the slide against the pressure of the spring (Fig. 12), then place the barrel entirely into the slide and permit it to travel back until the locking rollers engage.

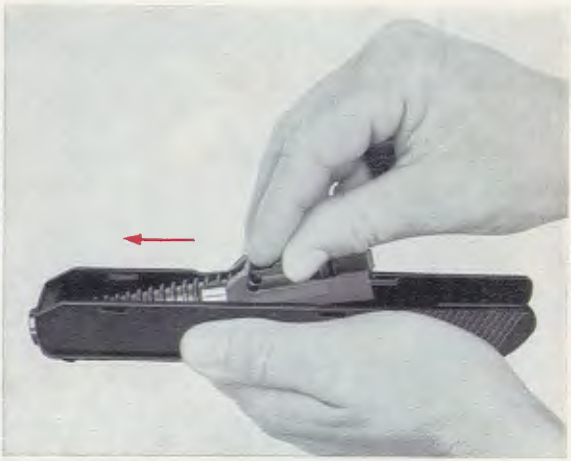


Fig. 12:
Insert barrel

Put the slide on the receiver so that the front guide lugs can engage the corresponding recesses in the receiver. Press the slide into the receiver, pull back and permit it to run forward again (Fig. 13). Uncock the pistol. Insert magazine.

Fig. 13: Place slide on receiver

Care of the pistol

For cleaning, the pistol must merely be field stripped as described on pages 12 and 13.

Service life and performance of your pistol depend on correct handling and proper, regular cleaning.

On principle the barrel must be cleaned after every firing. Generally, cleaning consists of removing dirt and moisture. Bright parts must be wiped clean and lubricated with oil.

Any commercial acid-free gun oil or gun grease can be used. Lightly grease the guide rails of the slide.

Assemblies

1 Slide
2 Barrel with recoil spring
3 Receiver
4 Magazine

Fig. 14: Assemblies

Specifications

Automatic pistol Mod. P 9 S

Operating principle	Recoil operated
Bolt system	Roller locked
Feeding	Straight magazine holding 9 cartridges
Calibre	9 mm × 19 (Parabellum)
Muzzle velocity - V_0 -	approx. 1.150 fps (350 m/s)
Muzzle energy - E_0 -	approx. 500 J
Mode of fire	semi-automatic
Length of pistol	7.6 in (192 mm)
Height of pistol	5.4 in (141 mm)
Width of pistol over grips	1.3 in (34 mm)
Length of barrel	4.0 in (102 mm)
Sight radius	5.8 in (147 mm)

Weights

Pistol, without magazine	approx. 31 oz (875 g)
Magazine, filled with 9 cartridges	approx. 6.3 oz (180 g)

Notice

The cartridges fired from the P 9/P 9 S must correspond to the regulations of the German gun control act, according to which the gas pressure must not exceed the determined average of 2600 bar (kp/cm²) (=36985 psi) by more than 15%, i. e. the maximum gas pressure must in any particular case not exceed 2990 bar (=42532 psi).

Notes

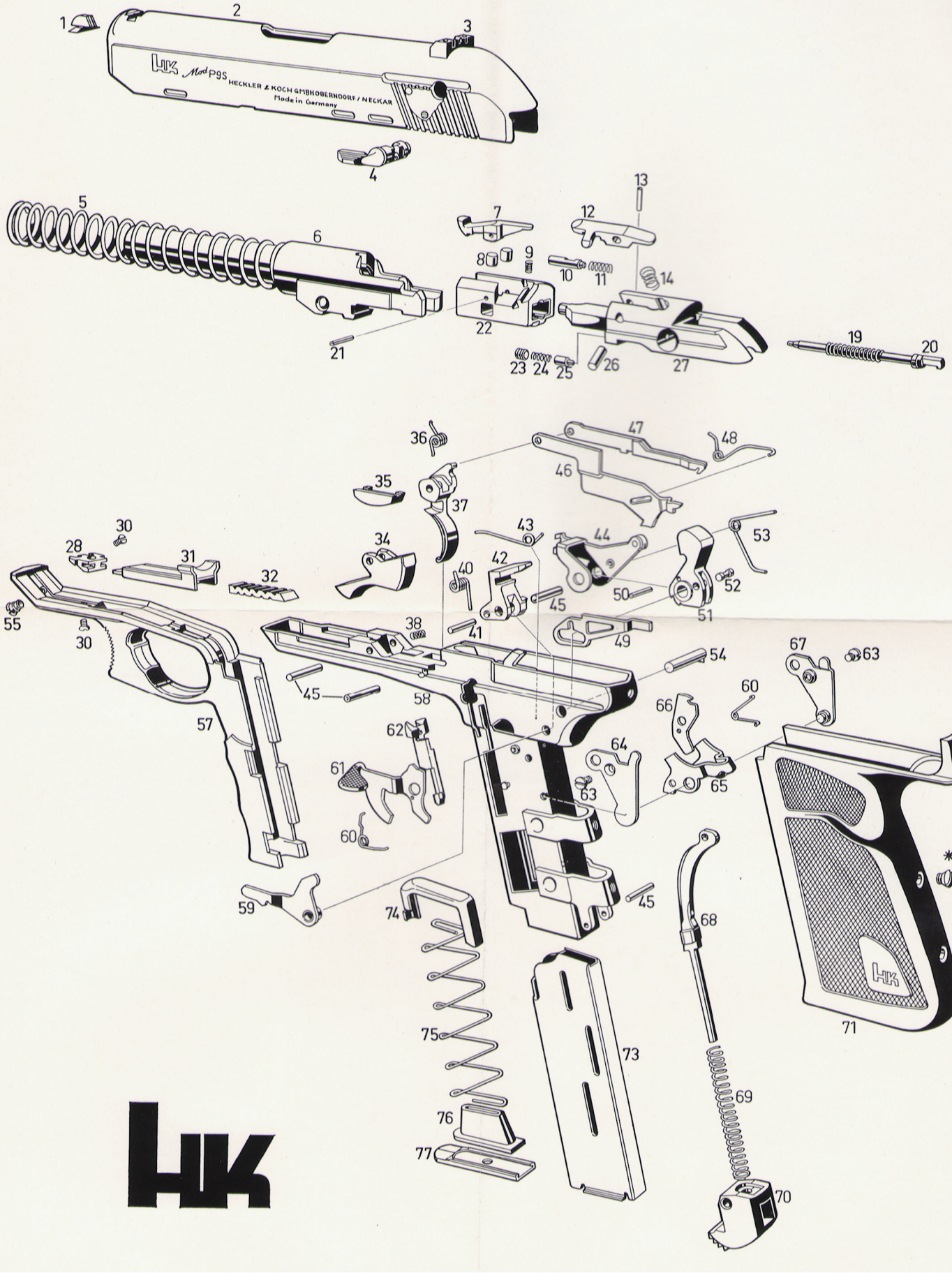
Parts of the Mod. P 9 S Automatic Pistol

Cal. 9 mm × 19 Parabellum (Luger)

1 Front sight
2 Slide
3 Rear sight
4 Safety catch
5 Recoil spring
6 Barrel
7 Extractor
8 Locking rollers
9 Compression spring
10 Pressure pin
11 Compression spring for pressure pin
12 Locking catch
13 Pin
14 Compression spring
19 Firing pin spring
20 Firing pin
21 Spiral pin
22 Bolt head
23 Threaded pin
24 Compression spring
25 Catch bolt
26 Cylindrical pin
27 Bolt head carrier
28 Support
30 Raised head countersunk screw
31 Buffer housing
32 Plastic buffer
34 Barrel catch
35 Insert piece
36 Trigger spring
37 Trigger
38 Compression spring
40 Elbow spring
41 Sleeve
42 Catch lever
43 Spring for catch
44 Disconnector
45 Cylindrical pin
46 Pull bar
47 Trigger lever
48 Spring for pull bar
49 Indicator pin
50 Spiral pin
51 Hammer
52 Stop pin
53 Spring for disconnector
54 Axle for hammer
55 Threaded bush
57 Trigger guard
58 Receiver
59 Safety latch
60 Elbow spring
61 Cocking lever
62 Catch
63 Countersunk screws
64 Bearing plate, left
65 Angle lever
66 Intermediate lever
67 Bearing plate, right
68 Shank
69 Compression spring
70 Magazine catch
71 Grips
72 * Raised-head countersunk screw
73 Magazine housing
74 Follower
75 Follower spring
76 Support for follower spring
77 Magazine floor plate

* The shorter screw to be placed in the upper hole.

Automatic Pistol *Mod.* P9S



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