



Selbstladepistole

VP70Z

Kaliber
9 mm x 19



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Kaliber 9 mm x 19



HECKLER & KOCH GMBH - OBERNDORF/N. - GERMANY

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HECKLER & KOCH GMBH, Oberndorf/Neckar, Germany

has numerous years of extensive experience in the development and manufacture of automatic small arms. In the field of defence technology, we are one of the world's leading manufacturers, and subject all of our handguns to the same stringent standards employed in the

G3 AUTOMATIC RIFLE,

developed and manufactured by us.

The experience of the design and process engineers who worked on the G3, and on the entire

HK weapons system,

was of immense value in designing the VP70Z. It had a highly positive effect on the sophisticated design of this automatic pistol.

The amazing simplicity of the design — it operates with only 4 moving parts — ensures accurate shooting and absolute reliability.

Design features of the VP70Z

This automatic pistol is recoil operated, with an inertia bolt and stationary barrel. The revolver trigger (designed as a double action trigger only) and direct firing pin ignition ensure constant readiness to fire and permit the **loaded** pistol to be carried safely, since it remains uncocked until the trigger is pulled.

The cartridges are fed from an 18-round magazine.

The ramp-type sights on the VP70Z are based on the light and shadow effect.

Good aiming is possible even when lighting and visibility are unfavourable.

Handling the VP70Z Automatic Pistol

To put the pistol on "safe"

Pressing the safety button **engages** or **disengages** the safety.

When the red mark is visible, the safety is off.

Fig. 1: Safety off (Page 29)

Fig. 2: Safety on (Page 29)

Filling the magazine

Place the cartridges into the magazine opening; using your thumb, press the top cartridge beneath the magazine lip.

Fig. 3: Filling the magazine (Page 29)

Loading the pistol — only with the safety on!

Insert a filled magazine into the pistol until you hear the magazine catch engage. Pull back the slide as far as it will go (Fig. 4) and let it snap forward again. This chambers the top cartridge from the magazine.

Fig. 4: Pull back the slide (Page 30)

The pistol is now **loaded**, but the firing pin is **uncocked**.

Shooting

Pistol loaded (round is in the chamber).

Disengage the safety.

Pull the trigger as far as the letoff point, which can be felt clearly; then pull the trigger further until the shot is fired. When the magazine is empty, the pistol will remain closed.

Unloading

Engage the safety!

Remove the magazine (Fig. 5).

Pull back the slide as far as it will go.

Make sure that the cartridge in the chamber is ejected! Let the slide snap forward again and insert magazine.

Fig. 5: Removing the magazine (Page 31)

Disassembly for cleaning

Engage the safety!

Remove the magazine.

Pull back the slide as far as it will go and check to make sure that there is no round in the chamber.

Let the slide snap forward again.

Pull the retaining catch downward (Fig. 6).

Fig. 6: Pull retaining catch downward (Page 32)

Pull the slide back all the way against the force of the recoil spring, lift off upward and to the rear, and let the slide move forward (Fig. 7).

Fig. 7: Removing the slide (Page 32)

Remove the recoil spring from the barrel.

To remove the firing pin, rotate the rear cap a quarter turn to the right until the rear cap and the firing pin (with spring) can be removed from the slide (Fig. 8).

Fig. 8: Removing the firing pin (Page 33)

Re-assembling the pistol

As when stripping, the safety button must be put at "safe" and the retaining catch must be pulled downward when assembling the pistol.

Place the rear cap with firing pin and spring into the slide in the same manner as when stripping the pistol and rotate a quarter turn.

Make sure that the nose at the rear of the firing pin is mated in the two guideways in the bolt head.

Place recoil spring on the barrel.

Place slide over the barrel, pull back as far as it will go, press downward and let it snap forward again. Depress retaining catch and insert magazine.

Care of the pistol

When cleaning the pistol, we recommend that it only be field stripped to the extent described on page 15.

The barrel must always be cleaned after every firing. Generally, cleaning comprises the removal of dirt and moisture. Bright parts must be wiped clean and oiled lightly.

Any commercially available chlorine and acid-free cleaning agent, gun oil and gun grease can be used.

Assemblies

1 Slide

2 Recoil spring

3 Receiver with barrel

4 Magazine

Fig. 9: Assemblies (Page 34)

Specifications

Operating principle	Recoil operated
Bolt system	Inertia bolt
Calibre	9 mm x 19 (Para) (Luger)
Feed	Straight magazine for 18 rounds
Mode of fire	Single fire
Muzzle velocity - V_0 -	approx. 1180 f.p.s (360 m/s)
Muzzle energy - E_0 -	approx. 376 ft.lbs (520 Joules)

Dimensions

Length of pistol	8.01 in (204 mm)
Height of pistol	5.59 in (142 mm)
Width across grips	1.25 in (32 mm)
Sight radius	6.90 in (175 mm)
Length of barrel	4.56 in (116 mm)

Weights

Pistol, without magazine	29.0 oz (820 g)
Magazine, filled with 18 rounds	11.1 oz (315 g)



Fig. 1:
Safety off
Seguro quitado
Sûreté dégagee



Fig. 2:
Safety on
Seguro puesto
Sûreté engagée

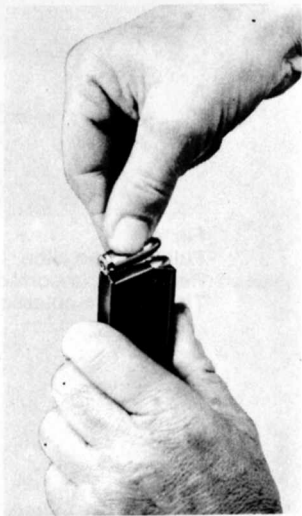


Fig. 3:
Filling the magazine
Cargar el cargador
Garnissage du chargeur



Fig. 4:
Pull back the slide
Retroceder la corredera
Tirer le bloc-culasse vers l'arrière

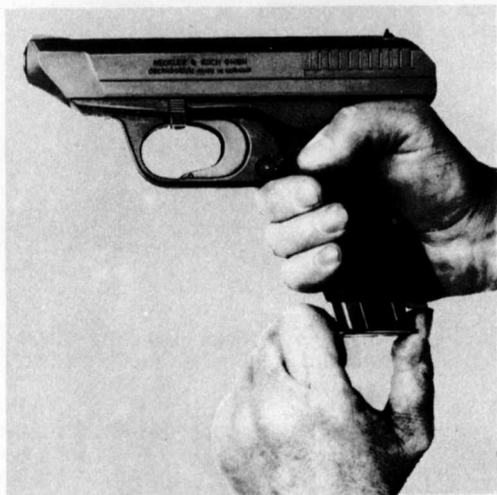


Fig. 5:
Removing the magazine
Quitar el cargador
Enlever le chargeur



Fig. 6:
Pull retaining catch downward

Bajar palanca de montaje
Tirer le verrou d'assemblage



Fig. 7:
Removing the slide

Quitar la corredera
Enlever le bloc-culasse



Fig. 8:
Removing the firing pin
Sacar el percutor
Enlever le percuteur

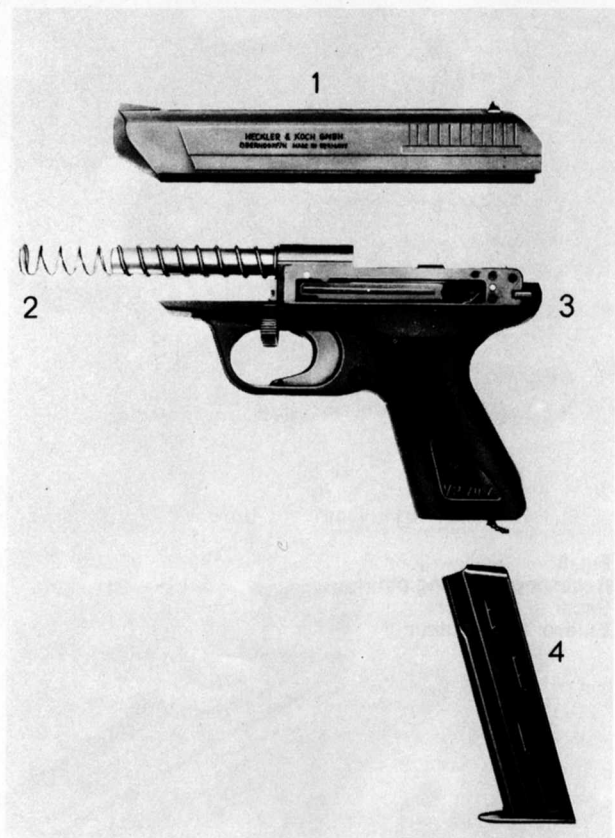


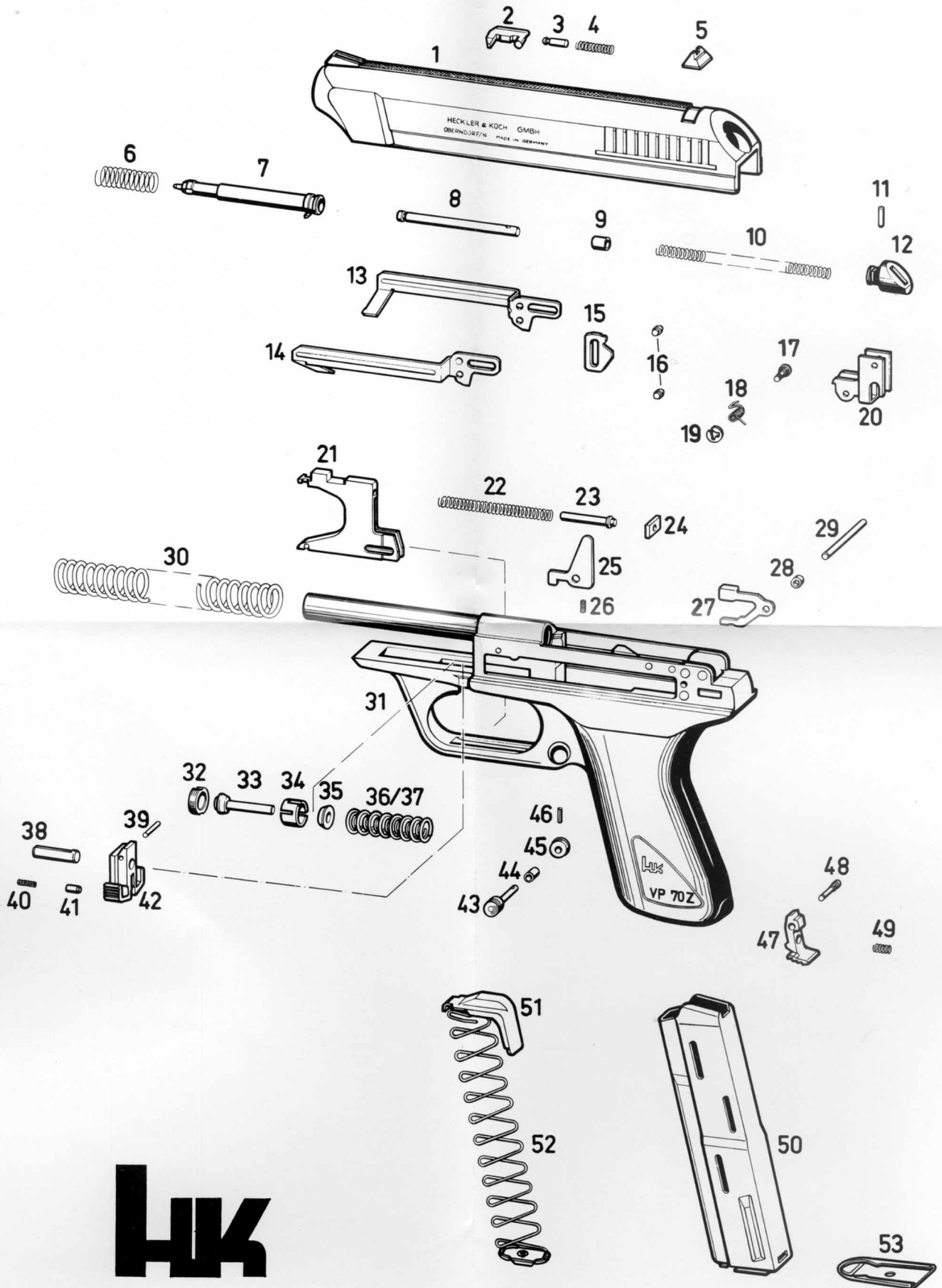
Fig. 9:
Assemblies
Conjuntos
Ensembles

Components of the VP70Z Automatic Pistol

Calibre 9 mm x 19 (Parabellum)

- | | | | |
|----|----------------------------|----|--|
| 1 | Slide | 28 | Guide roller |
| 2 | Extractor | 29 | Cylindrical pin |
| 3 | Pressure bolt | 30 | Recoil spring |
| 4 | Extractor spring | 31 | Receiver with barrel |
| 5 | Rear sight | 32 | Threaded ring |
| 6 | Firing pin recoil spring | 33 | Buffer spring guide bolt |
| 7 | Firing pin | 34 | Brake ring |
| 8 | Recoil spring guide rod | 35 | Contact piece |
| 9 | Bush | 36 | Buffer spring |
| 10 | Firing pin spring | 37 | Buffer spring |
| 11 | Cylindrical pin | 38 | Buffer bolt |
| 12 | Rear cap | 39 | Clamping sleeve |
| 13 | Trigger lever, right | 40 | Compression spring |
| 14 | Trigger lever, left | 41 | Retaining bush |
| 15 | Drag lever | 42 | Retaining catch |
| 16 | Trigger lever guiding bolt | 43 | Safety button, compl. |
| 17 | Axle for elbow spring | 44 | Guide bush |
| 18 | Elbow spring | 45 | Locking bush |
| 19 | Circlip | 46 | Clamping sleeve |
| 20 | Control lever | 47 | Magazine catch |
| 21 | Trigger, compl. | 48 | Screw for magazine catch |
| 22 | Trigger spring | 49 | Spring for magazine catch |
| 23 | Trigger spring guide bolt | 50 | Magazine housing |
| 24 | Support plate | 51 | Follower |
| 25 | Drop safety | 52 | Follower spring with spring
floor plate, compl. |
| 26 | Compression spring | 53 | Magazine floor plate |
| 27 | Catch fork | | |

Selbstladepistole VP70Z





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