



Instructions for Use



Models
HK 630
HK 770
HK 940

We would like to congratulate you on purchasing our modern semi-automatic rifle. With it, you now own a superb hunting rifle. You will quickly become familiar

with your semi-automatic hunting rifle if you handle it in accordance with these instructions.



Special features and advantages:

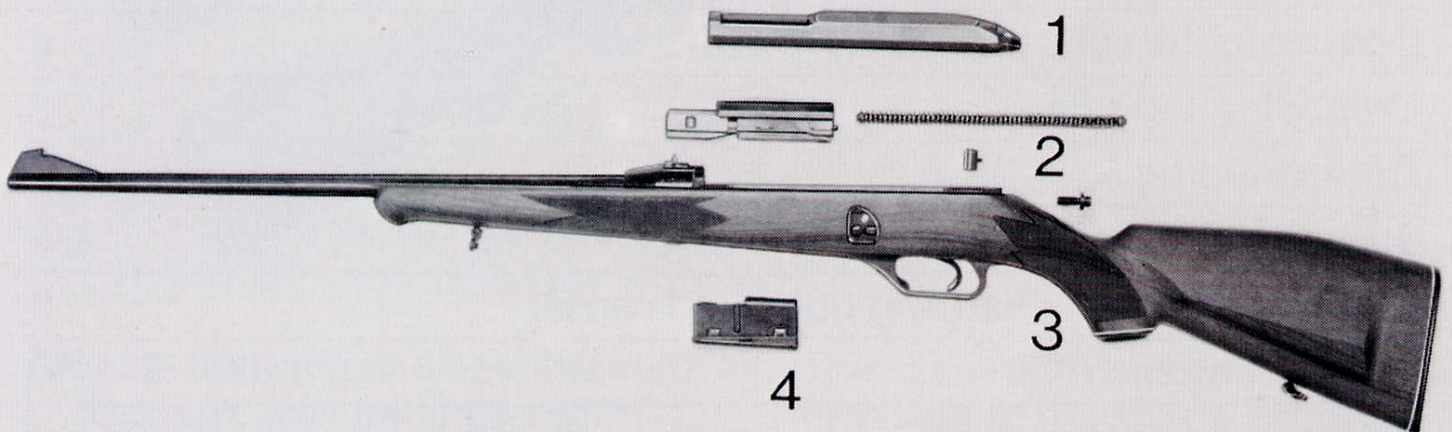
- Modern, well balanced semi-automatic rifle.
 - Superb accuracy.
 - Low recoil, thanks to the delayed roller locked bolt system.
 - Polygon barrel – Barrel and chamber of high quality special steel alloy, hammer-forged in one operation.
 - Receiver configured for quick and secure mounting of the HK 05 telescopic sight clamp mount.
- This claw-type mount ensures firm seat of the scope. Once sighted-in, the telescopic sight can be removed and remounted as often as you like, without altering the strike of the rifle.
- Inexpensive semi-automatic rifle, thanks to economical mass production that nevertheless offers custom-made quality.
 - A rifle for the skilled hunter, thanks to the possibility of being able to fire a quick second shot.

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Assemblies

- 1 Upper receiver
- 2 Bolt, recoil spring and buffer
- 3 Receiver with barrel, and stock
- 4 Magazine



Loading the rifle

Press magazine catch, and the magazine will slide out. Insert filled magazine into the rifle until the magazine catch engages.



Then retract the bolt all the way by means of the cocking lever on the right side of the rifle. The catch lever located behind the cocking lever will engage and hold the bolt open. Depressing the catch lever slightly will cause the bolt to snap forward, chamber a round from the magazine, and lock into the receiver. The rifle is now

cocked and ready to fire. The cocking lever does not move when the rifle is fired.

The cocking lever should not be held back and prevented from moving forward when the bolt closes.



Operating the safety

All semi-automatic hunting rifles shown in this booklet, provide optimum security, thanks to the striker safety. The safety can only be engaged when the rifle is cocked. To put the rifle on safe, the safety lever must **fully** cover the **red** dot. The safety is off when the safety lever **fully** covers the **white** dot.



Unloading the rifle



Remove the magazine by pressing the magazine catch. Retract cocking lever quickly, tilting the rifle somewhat to the side to permit a round that might be left in the chamber to slide out of the ejection port into your hand. Close the rifle and pull the trigger. The rifle is now unloaded and uncocked.

Attention!

Whenever having removed the magazine, check to make sure that there is no round in the chamber.

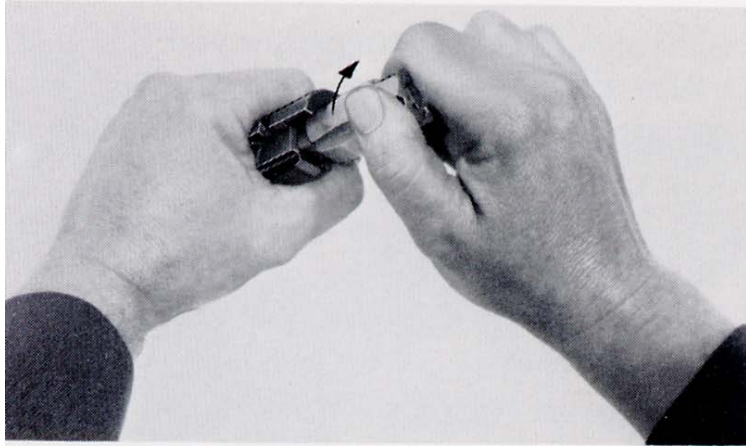
Field stripping

Under normal conditions, it is only necessary to clean the external components of the rifle and to clean the bore. In the event of heavy fouling or to remove moisture or water in the rifle, it is advisable to strip the rifle for thorough cleaning. Unscrew the hexagon socket screw at the end of the upper receiver all the way. Remove the upper receiver to the rear. Remove buffer and recoil spring.

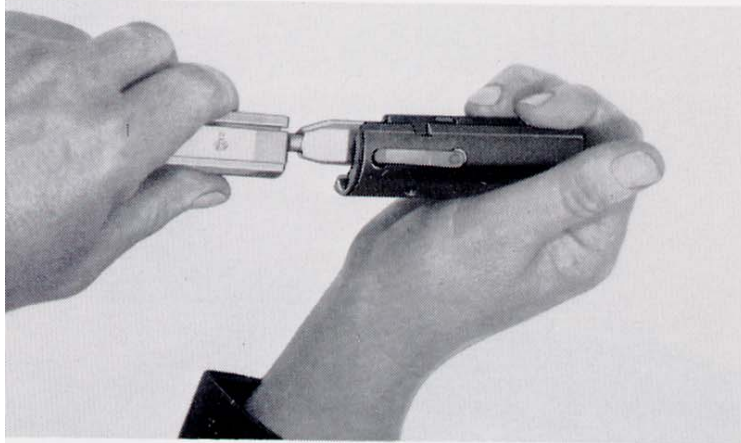


You can now remove the bolt assembly by passing a screwdriver through the hole for the screw and forcing the firing pin forward. It is not necessary to further strip the rifle for cleaning (except for the bolt assembly).

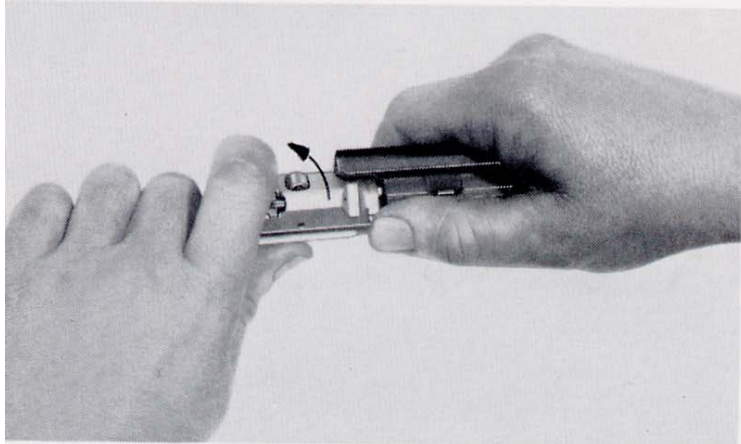
Stripping the bolt assembly



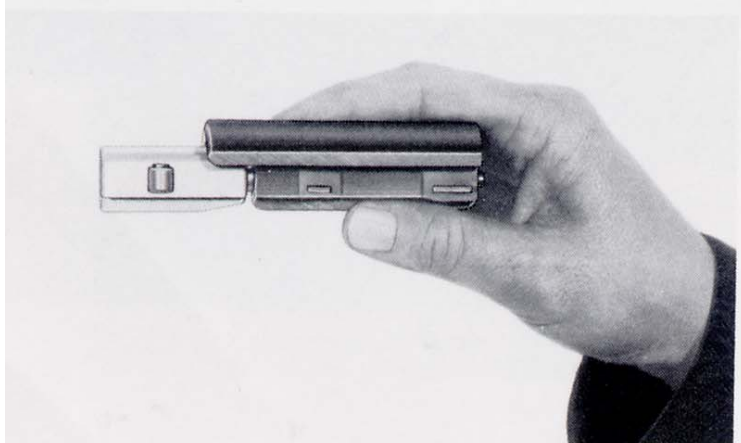
Rotate the bolt head clockwise one quarter turn, and then remove it from the locking piece. Finally, remove locking piece, firing pin and firing pin spring from the bolt head carrier by rotating the locking piece further.



To assemble the bolt, proceed in the reverse sequence. First slide the firing pin spring onto the firing pin and insert both into the bolt assembly. Then press the locking piece against the firing pin spring and rotate counterclockwise one quarter turn. Assemble bolt head and locking piece as follows:

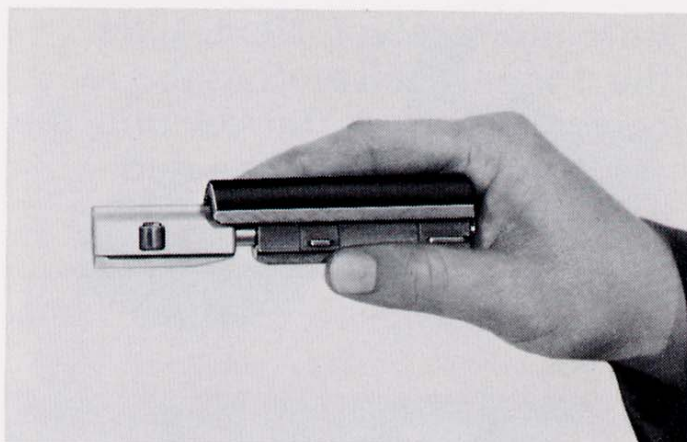


Place the bevelled surface of the bolt head beneath the spring-loaded bolt head locking lever. Strike the end of the bolt head lightly with the palm of your hand to force the bolt head far enough under the bolt head locking lever to provide a clearance of 3 mm (.12 in) between the bolt head and the bolt head carrier.



Then rotate the bolt head counterclockwise about one half turn, until the bolt rollers and the camways in the bolt head carrier are located at the same level. Then pull the bolt head away from bolt head carrier as far as it will go, so that the rollers recess completely into the bolt head.

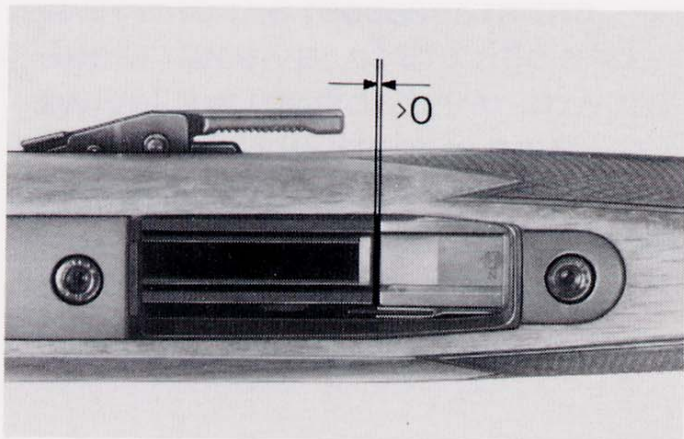
Stripping the bolt assembly



Attention! When reassembling the semi-automatic hunting rifle, do not forget to insert the locking rollers into the bolt head as otherwise the shooter's safety could not be guaranteed and the bolt system of the rifle would be completely damaged.

Gap between bolt head and bolt head carrier

With the bolt in its closed position – the magazine being detached – the bottom side of the bolt is visible through the magazine well. There must be a very narrow gap between the bolt head and

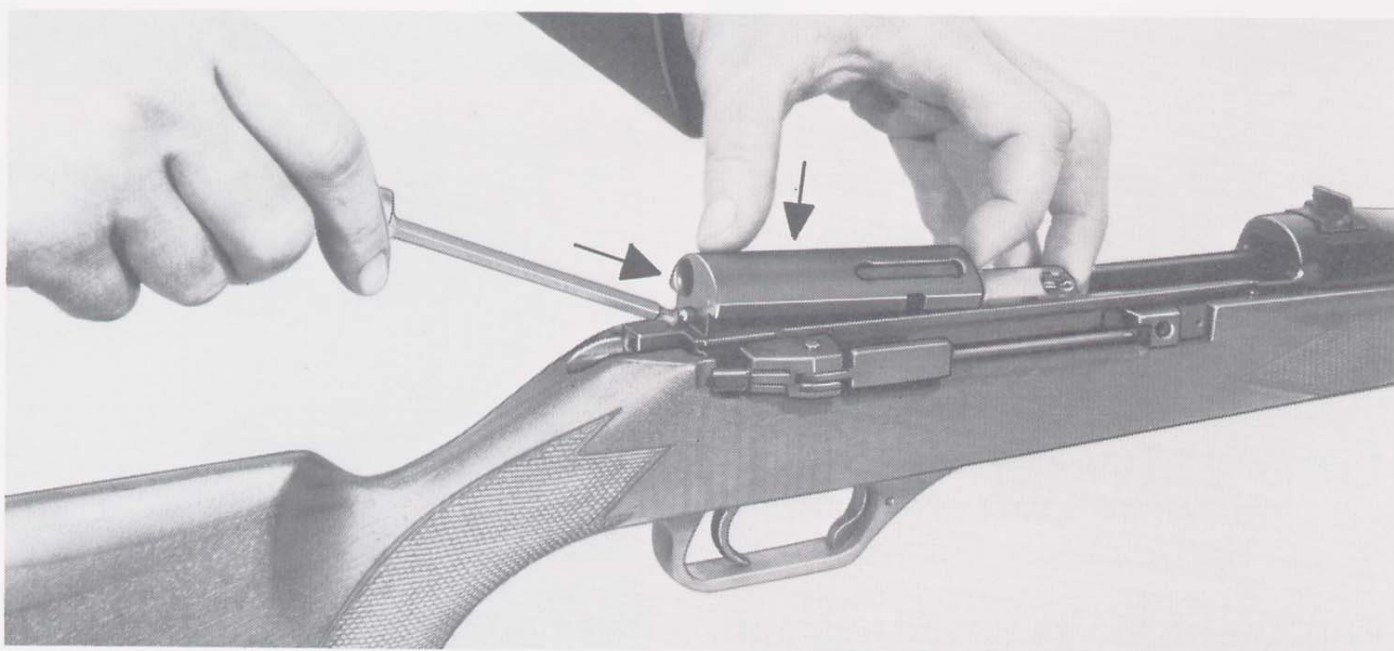


the bolt head carrier. You can determine this, if you can put a sheet of paper between bolt and bolt head (see fig., gap >0). If this gap has disappeared, please have the weapon checked by your local gun dealer as this technical condition would cause excessive strong recoil forces and thus damage the bolt system.

Assembling the rifle

Insert the bolt assembly into the receiver; when doing this, press in the firing pin and the rollers, and slide all the way to the front. Then insert the buffer and recoil spring into the receiver. Rotate the hexagon socket screw one full

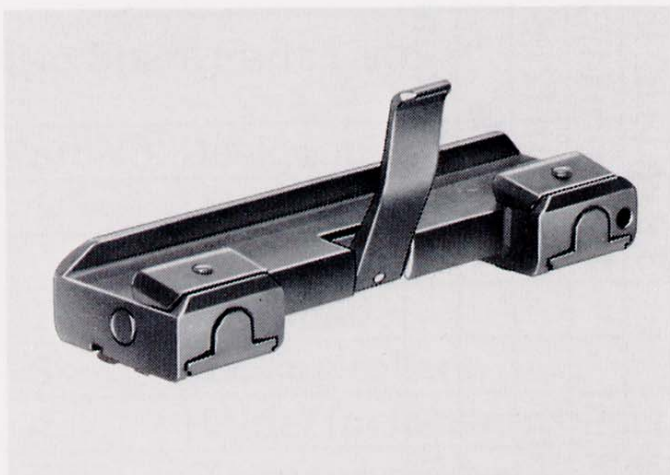
turn into receiver. Next, slide the upper receiver onto the receiver body from the rear until the collar of the screw is seated against the recess in the upper receiver. Tighten screw firmly.



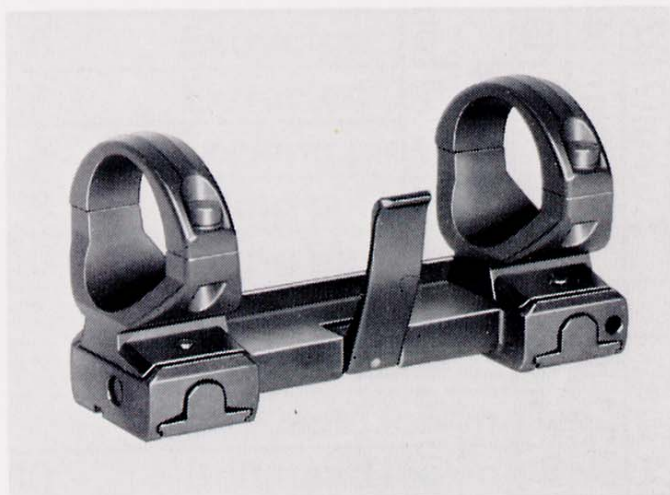
Sights

The sights consist of a hunting square notch rear sight and a flat top post front sight. The rear sight is adjustable for windage, the front sight for elevation. Our semi-automatic hunting rifles are sighted-in optimally at 100 m on a machine rest.

Telescopic sight clamp mount

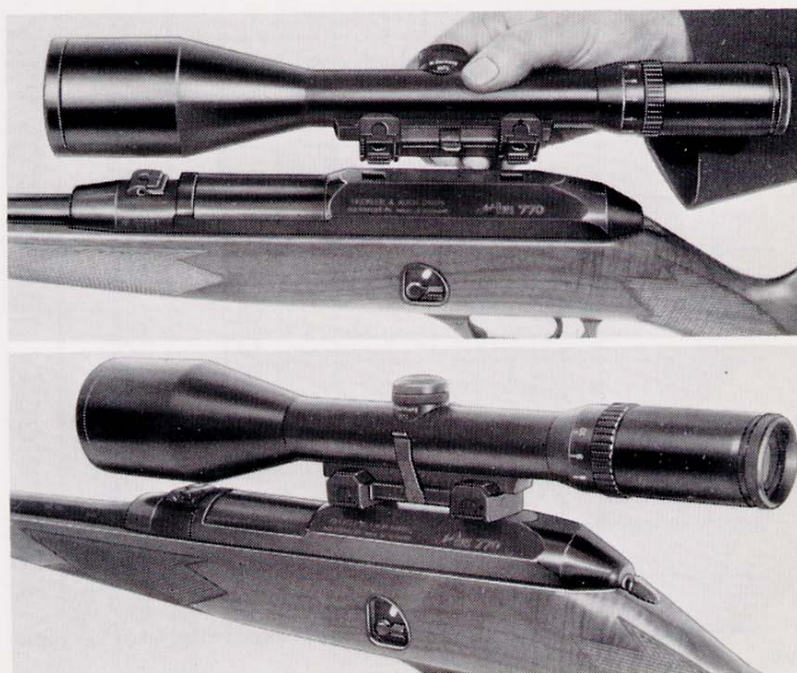


Our HK 05 clamp mount readily accepts all standard telescopic sights. Should you wish to use an aluminium rail-type telescopic sight, loosen the two hexagon socket screws on the bottom of the 05 clamp mount, slide on the telescopic sight and tighten the two hexagon socket screws firmly at the rails. If you are using a steel telescopic sight, please also use the retaining rings.



Mounting the telescopic sight

First press the tension lever on the HK 05 clamp mount downward. Place the pairs of clamping jaws into the recesses in the upper receiver of the rifle and swivel the tension lever upward. The telescopic sight is now securely and firmly mounted on the rifle. The quick snap on / snap off HK 05 mount is very easy to use.



Specifications

	HK 630	HK 770	HK 940
Operating principle:	Recoil operated	Recoil operated	Recoil operated
Action:	Delayed roller locked	Delayed roller locked	Delayed roller locked
Feed:	Magazine	Magazine	Magazine
Calibre:	.223 Remington	.308 Win.	.30-06
Muzzle velocity and energy vary according to ammunition used.			
Weight:	3,2 kg (7.04 lbs)	3,6 kg (7.92 lbs)	3,9 kg (8.62 lbs)
Overall length:	1070 mm (42.1 in)	1130 mm (44.4 in)	1200 mm (47.2 in)
Length of barrel:	450 mm (17.7 in)	500 mm (19.7 in)	550 mm (21.6 in)
Magazine, domestic market:	2 rounds	2 rounds	2 rounds
Magazine, export market:	4 and 10 rounds	3 and 10 rounds	3 and 10 rounds

Parts list of HK 630, HK 770, HK 940 semi-automatic hunting rifles

(No Spare Parts List)

Part No.	Designation
1	Upper receiver, complete
2	Bolt head
3	Locking rollers
4	Holder for locking rollers
5	Clamping sleeve 2 x 6,9
6	Extractor
7	Extractor spring
8	Locking piece
9	Firing pin spring
10	Firing pin
11	Bolt head carrier
12	Compression spring for bolt head locking lever
13	Bolt head locking lever, complete
14	Cylindrical pin 4 m 6 x 18
15	Recoil spring, assembled
16	Compression spring for ball catch
17	Front sight
18	Threaded pin
19	Clamping sleeve
20	Receiver with barrel
21	Leaf spring
22	Rear sight base
23	Rear sight
24	Rear sight axle
25	Lock washer

Part No.	Designation
26	Clamping sleeve
27	Pressure bolt
28	Support lever
29	Cylindrical pin 3.51 m 6 x 11
30	Ramp
31	Cylindrical pin
32	Retaining pin
33	Raised countersunk head screw
34	Clamping sleeve
35	Buffer plate
36	Spindle
37	Feather key
38	Ejector
39	Cocking slide
40	Cocking lever, complete
41	Elbow spring
42	Bearing plate
43	Catch lever
44	Axle for support roller
45	Axle for cocking lever
46	Support roller
47	Stop pin
48	Lock washer
49	Stock, complete
50	Threaded bush, front
51	Sling swivel
52	Bush, centre
53	Cover

Parts list of HK 630, HK 770, HK 940 semi-automatic hunting rifles

(No Spare Parts List)

Part No.	Designation
54	Cylinder head screw
55	Magazine (2 rounds)
56	Follower (2 rounds)
57	Follower spring
58	Locking plate (does not exist in HK 630 design)
59	Floor plate
60	Safety
61	Trigger assembly housing, complete
62	Retaining unit
63	Latch
64	Trigger guard, assembled
65	Cylinder head screw
66	Magazine catch
67	Cylindrical pin
68	Centre bushing
69	Intermediate plate
70	Toothed lock washer
71	Cylinder head screw
72	Cap
73	Oval head wood screw
74	Threaded bush, rear
75	Butt cap

Part No.	Designation
Not illustrated items	
76	Magazine (3 rounds)
77	Follower (3 rounds)
78	Follower spring (3 rounds)
79	Locking plate
80	Floor plate
81	Magazine (4 rounds)
82	Follower (4 rounds)
83	Follower spring (4 rounds)
84	Floor plate
85	Magazine (10 rounds)
86	Follower (10 rounds)
87	Follower spring (10 rounds)
88	Locking plate (does not exist in HK 639 design)
89	Floor plate

