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JOHNSON**

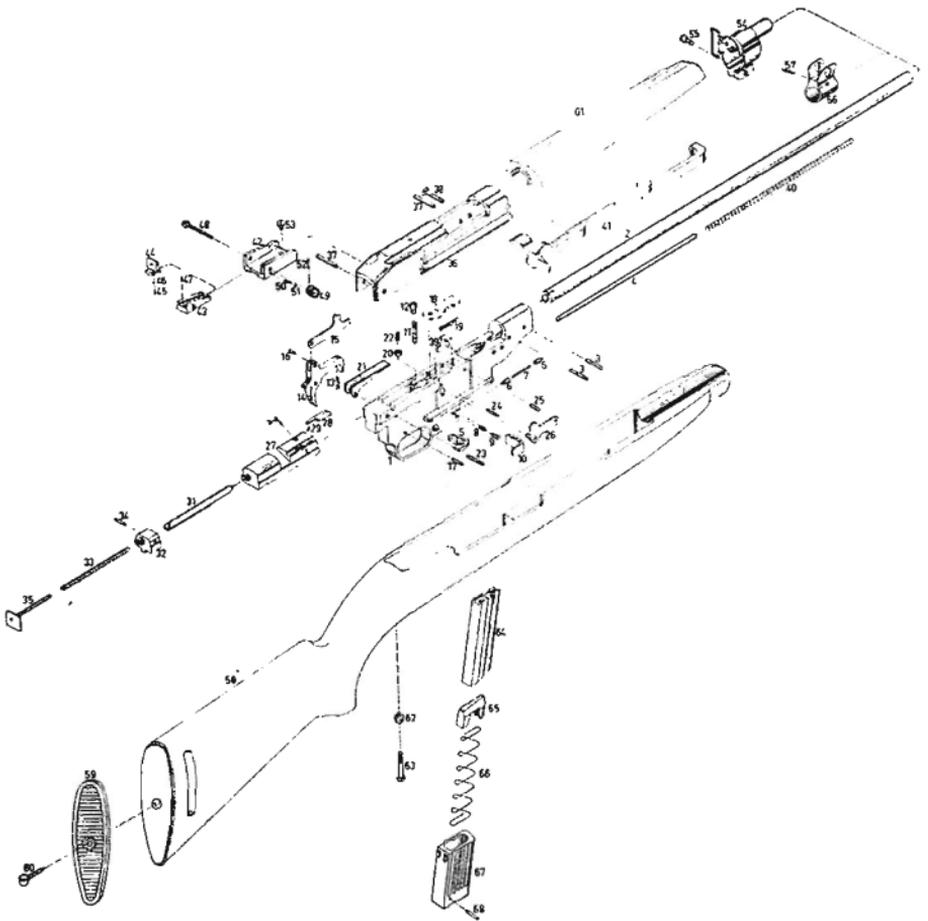


U.S. CARBINE .22

MODEL: EW.22HBA

Caliber: .22 long rifle

Please specify on order parts number and name.



Cat. Spare No. Parts		Cat. Spare No. Parts	
1	Trigger housing	40	Operating slide spring
2	Barrel	41	Operating slide
3	Barrel pin (2)	42a	Rear sight assembly
4	Operating slide spring guide	42	Rear sight base
5	Safety lever	43	Rear sight ramp
6	Safety detent plunger (2)	44	Rear sight sliding aperture
7	Safety detent plunger spring	45	Rear sight sliding spring
8	Magazine catch spring	46	Rear sight sliding ball
9	Magazine catch spring plunger	47	Rear sight ramp pin
10	Magazine catch	48	Rear sight windage screw
11	Trigger bar spring	49	Rear sight windage knob
12	Trigger bar spring plunger	50	Windage stop spring
13	Trigger spring	51	Windage stop ball
14a	Trigger assembly	52	Windage stop pin
14	Trigger	53	Rear sight base screw
15	Trigger bar	54	Front band assembly
16	Trigger bar pin	55	Front band screw
17	Trigger pin	56	Front sight assembly
18	Sear release plate	57	Front sight pin
19	Sear release plate spring	58a	Stock assembly
20	Sear spring plunger	58	Stock (polished beech or oiled walnut)
21	Sear	59	Butt plate
22	Sear spring	60	Butt plate screw
23	Sear holding pin	61	Handguard assembly
24	Sear release plate pin	62	Rear guard screw plunger
25	Sear release pin	63	Rear guard screw
26	Sear release	64a	Magazine assembly
27a	Bolt assembly	64	Magazine tube
27	Bolt	65	Magazine follower
28	Extractor	66	Magazine spring
29	Extractor spring	67	Magazine tube holder
30	Extractor pin	68	Magazine tube holder pin
31	Firing pin		
32	Firing pin piece		
33	Firing pin spring		
34	Firing pin piece pin		
35	Recoil plate		
36	Receiver		
37	Trigger housing retaining pin (2)		
38	Receiver screw		
39	Ejector		

1. **GENERAL DIRECTIONS.** The EW.22HBA is a semi-automatic rifle operating on the blow back principle.
2. **OPERATING INSTRUCTIONS FOR EW.22HBA.** After checking to see that the chamber is empty by opening the action and pulling the operating slide handle (41) on the right side of the receiver to the rear. Depress the magazine catch (10) and remove the magazine from the rifle. Load the magazine with cartridges (see technical data), by depressing the magazine follower with the proper round of ammunition. The round should be placed forward of feed lips on the magazine, pressed down and to the rear under the feed lips. Each successive round should be inserted in the same manner until the proper capacity is reached. Point safety lever (5) to the white dot.

Insert the loaded magazine into the well in the magazine plate, while keeping the muzzle pointed in a safe direction. Push the magazine in until it snaps in place. If the catch does not engage check for dirt or debris that would prevent the magazine from catching.

With the muzzle of the rifle pointed in a safe direction pull the operating slide handle to the rear and allow the bolt to close using its own spring power.

To fire move the safety lever to the direction of the red dot.

SAFETY WARNING: Due to the necessity of putting the safety on manually, you must exercise caution in handling to prevent accidental discharge. **KEEP THE MUZZLE POINTED IN A SAFE DIRECTION AT ALL TIMES.** Do not load the rifle until you are ready to use it. Unload the rifle immediately after use. Never leave loaded rifle unattended.

3. **DISASSEMBLY PROCEDURE.** With the magazine removed and the chamber empty disassemble as follows: Loosen front band screw (55), remove rear guard screw (63), slip front band (54) forward on barrel, and lift wooden handguard (61) free. Separate barrel and receiver assembly from stock. Push both trigger housing retaining pins (37) out of receiver and remove receiver screw (38). Lift receiver (36) free (push downwards with finger tip the bolt). Pull operating slide (41), operating slide spring (40), and operating slide spring guide (4) forward. Raise recoil plate (35) and remove to rear firing pin spring (33), firing pin piece (31a) together with bolt. Further disassembly is not recommended. Reassemble in reverse order.

Safety Precautions:

Always carry the firearm with the safety on. Make sure that after shooting, the firearm is empty and that no cartridge is left in the barrel or magazine. Never point the firearm at anything you don't intend to shoot. ANY FIREARM IS DANGEROUS IF NOT CAREFULLY AND SAFELY HANDLED.

Technical data:

1. Grooved receiver for telescope mounts when rear sight removed.
2. Adjustable rear sight.
3. Every firearm factory test-fired.

Caliber .22 long rifle

Overall length: 35½"

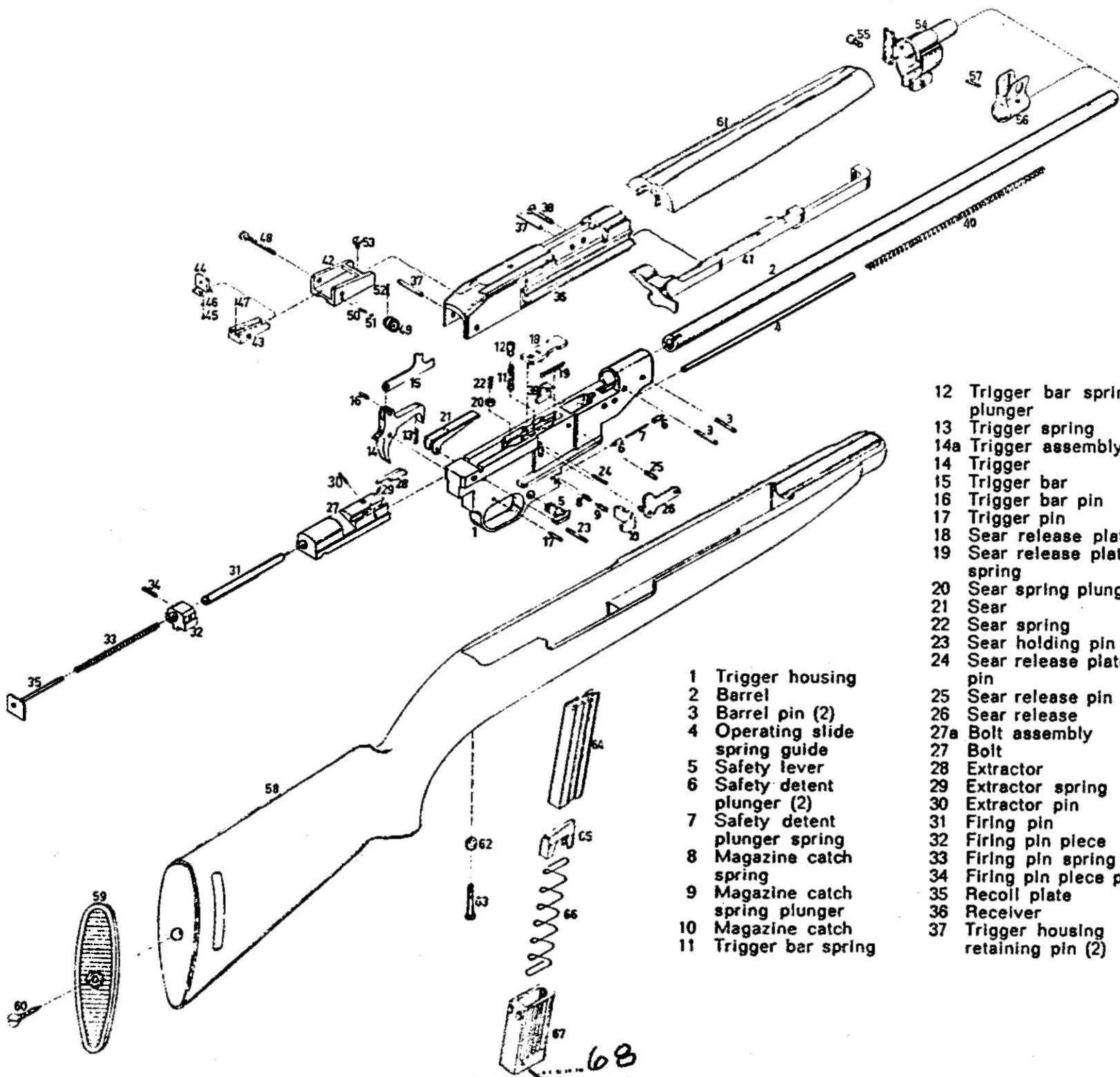
Barrel length 18"

Weight: 5.6 lbs.

Magazine capacity: 10 shots, 15 shot magazine available as option



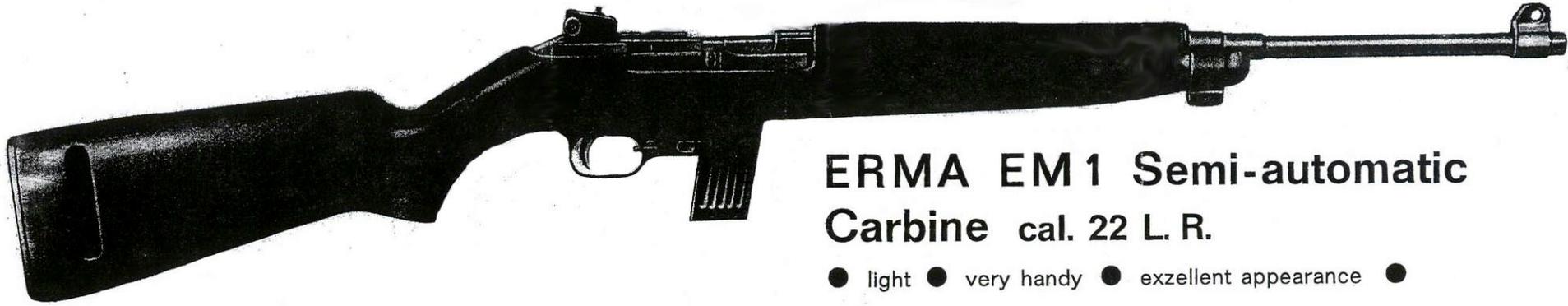
2202 REDMOND ROAD
JACKSONVILLE, AR 72076
(501) 982-9491



- 1 Trigger housing
- 2 Barrel
- 3 Barrel pin (2)
- 4 Operating slide spring guide
- 5 Safety lever
- 6 Safety detent plunger (2)
- 7 Safety detent plunger spring
- 8 Magazine catch spring
- 9 Magazine catch spring plunger
- 10 Magazine catch
- 11 Trigger bar spring

- 12 Trigger bar spring plunger
- 13 Trigger spring
- 14a Trigger assembly
- 14 Trigger
- 15 Trigger bar
- 16 Trigger bar pin
- 17 Trigger pin
- 18 Sear release plate
- 19 Sear release plate spring
- 20 Sear spring plunger
- 21 Sear
- 22 Sear spring
- 23 Sear holding pin
- 24 Sear release plate pin
- 25 Sear release pin
- 26 Sear release
- 27a Bolt assembly
- 27 Bolt
- 28 Extractor
- 29 Extractor spring
- 30 Extractor pin
- 31 Firing pin
- 32 Firing pin piece
- 33 Firing pin spring
- 34 Firing pin piece pin
- 35 Recoil plate
- 36 Receiver
- 37 Trigger housing retaining pin (2)

- 38 Receiver screw
- 39 Ejector
- 40 Operating slide spring
- 41 Operating slide
- 42a Rear sight assembly
- 42 Rear sight base
- 43 Rear sight ramp
- 44 Rear sight sliding aperture
- 45 Rear sight sliding spring
- 46 Rear sight sliding ball
- 47 Rear sight ramp pin
- 48 Rear sight windage screw
- 49 Rear sight windage knob
- 50 Windage stop spring
- 51 Windage stop ball
- 52 Windage stop pin
- 53 Rear sight base screw
- 54 Front band assembly
- 55 Front band screw
- 56 Front sight assembly
- 57 Front sight pin
- 58a Stock assembly
- 58 Stock (polished beech or oiled walnut)
- 59 Butt plate
- 60 Butt plate screw
- 61 Handguard assembly
- 62 Rear guard screw plunger
- 63 Rear guard screw
- 64a Magazine assembly
- 64 Magazine tube
- 65 Magazine follower
- 66 Magazine spring
- 67 Magazine tube holder
- 68 Magazine tube holder pin



ERMA EM 1 Semi-automatic Carbine cal. 22 L. R.

● light ● very handy ● excellent appearance ●

Specifications

Mechanism type: semi-automatic, blowback
Barrel length: 450 mm (18")
Sights: aperture rear adjustable for windage and elevation (25 / 50 / 75 / 100 m), blade front with strong sight protector
Distance between sights: 530 mm (20.9")
Stock: polished beech wood with handguard or oiled walnut, sling swivel
Magazine: for 10 rounds cal. 22 L. R.; also available 15 rounds magazine
Safety: safety lever on the right side of the trigger guard
Over-all length: 900 mm (35.4")
Weight: 2.55 kos. (5.6 lbs.)

Instruction of use:

Safety on the right side of the trigger guard is engaged when safety lever points down (white point). To disengage rotate safety lever forward (red point).

To load, engage safety, and insert the filled magazine into magazine opening, making sure magazine snaps into place. Hook over operating slide handle, pull operating slide to the rear and release it (the closing of the bolt must be done by spring pressure). Disengage safety and pull the trigger.

Bolt remains open when magazine is empty. Push magazine catch to the left and withdraw magazine. Now bolt closes.

Disassembly Procedure:

Loosen front band screw (55), remove rear guard screw (63), slip front band (54) forward on barrel, and lift wooden handguard (61) free.

Separate barrel and receiver assembly from stock.

Push both trigger housing retaining pins (37) out of receiver and remove receiver screw (38).

Lift receiver (36) free (push downwards with finger tip the bolt).

Pull operating slide (41), operating slide spring (40), and operating slide spring guide (4) forward.

Raise recoil plate (35) and remove to rear firing pin spring (33), firing pin piece (32) together with bolt.