

# **ARMY UNIVERSAL ASSAULT RIFLE „STEYR“ SEMI-AUTOMATIC**

AUG Cal. 5,56 (.223)



Manual



**Steyr Mannlicher Ges.m.b.H.**

**IMPORTANT- DO NOT DISCARD  
KEEP THIS MANUAL WITH YOUR FIREARM  
UPON CHANGE OF OWNERSHIP TRANSFER  
THIS MANUAL WITH THE FIREARM**

**ARMY UNIVERSAL ASSAULT  
RIFLE "STEYR"  
SEMI AUTOMATIC  
AUG CAL. 5,56 mm (.223)**

**1. GENERAL:**

- Personal light semi-automatic rifle.
- Ammunition: Cartridge cal. 5,56 (.223).
- Barrel interchangeable (military version only).
- Sights: optical sight  
open sights
- Feeding: Magazine of synthetic material for 30 rounds

## 2. TECHNICAL DATA

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### RIFLE

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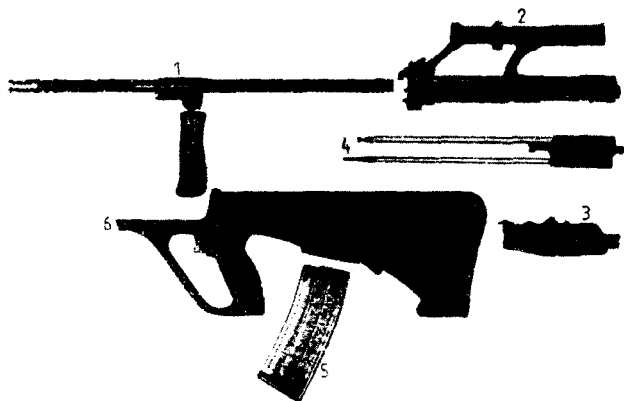
Calibre	5,56 mm	(.223)
Length of barrel	508 mm	20"
Length of twist	228 mm	9" right
Chamber and barrel bore	chrome plated	
Overall length	790 mm	31"
Height	275 mm	11"
Weight of weapon approx. without magazine	3,6 kg	7,9 lbs.
Weight of magazine empty	0,13 kg	0,3 lbs.
Magazine capacity	30 rounds	



### 3. DESCRIPTION:

The AUG is comprising 6 main groups:

- 1 Barrel-group
- 2 Receiver-group (Housing-group)
- 3 Hammer-group (Trigger-mechanism)
- 4 Bolt-group (Gun lock)
- 5 Magazine-group
- 6 Stock-group (Butt)



## 4. ACCESSORIES:

- 1 Cleaning set
- 2 Carrying sling
- 3 Muzzle cap
- 4 Adjusting lever (for an extra charge)
- 5 Bolt left ejection (for an extra charge)

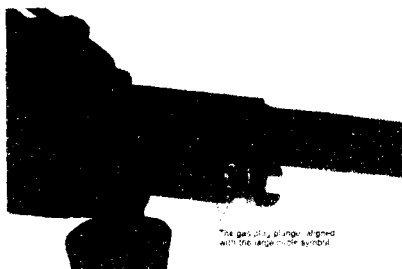
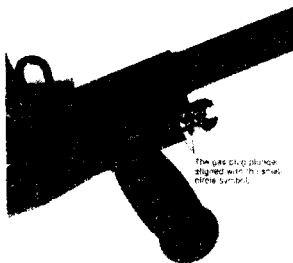


READ INSTRUCTION  
& SAFETY MANUAL  
BEFORE USING!

## 5. HOW TO USE THE RIFLE:

Before shooting, check position of gas plug. For normal shooting the gas plug plunger should be aligned with the small circle symbol stamped on the gas cylinder (the serrated "ears" of the plug will then be positioned approximately horizontally). With some ammunition, or a very dirty rifle, gas pressure may be insufficient for reliable functioning. In such case the gas plug plunger may be aligned with the large circle symbol to increase gas flow.

Position for normal shooting



## **WARNING:**

Make sure that the ejection port cover is mounted on the same side as the shooter's cheek rests, and that the correct (right or left-handed) bolt is installed.

## **Locking and releasing:**

### **WARNING:**

Keep the rifle in a safe direction.

To place safety "ON" (white dot visible), push the square safety button through the stock from left to right. A white indicator dot on the button will be fully exposed when the safety is "ON" (white dot visible). To take the safety "OFF" (red dot visible), push the button in the opposite direction to expose a red indicator dot.

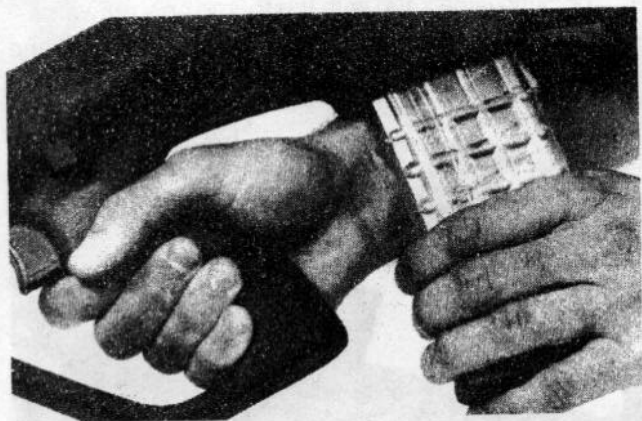


## Inserting the magazine:

### WARNING:

Keep the rifle pointed in a safe direction and make sure the chamber is clear.

Take the magazine at its lower half with the left hand — the little finger lies underneath the magazine bottom — and slide it into (not clap) the magazine well, until it audibly engages.





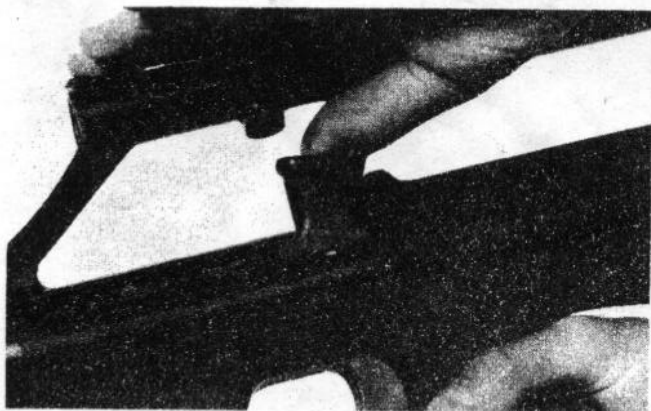
## **Loading:**

### **WARNING:**

Keep the rifle pointed in a safe direction.

After having pushed the safety "ON" and inserted the filled magazine:

- Retract cocking slide knob with left hand und turn it inwards.
- Take hand off cocking slide knob and press cocking slide knob with the thumb only outwards.
- Bolt jumps freely forward. The rifle is loaded and on "safe".



## **WARNING:**

Make sure that the bolt is fully closed. If not, retract cocking slide knob approx. 1", press button of cocking slide knob whilst pushing it forward again.

## **Unloading:**

## **WARNING:**

Keep the rifle pointed in a safe direction.

- Push safety "ON" (white dot visible).
- Take off magazine.
- Place four fingers of right hand under the magazine shaft, with the right thumb cover ejection window.
- Retract cocking slide knob and secure in the rear position. Thereby the cartridge will be extracted and fall through magazine shaft into your right hand.
- Press cocking slide with thumb outwards, gun lock jumps freely forward.
- Push safety "OFF" (red dot visible), pull trigger, push safety "ON" (white dot visible).

Now the rifle is on "safe", unloaded and uncocked.

## ADJUSTING THE OPTICAL SIGHT

The optical tube is mounted in the receiver with three hexagonal nuts. These hex nuts should be kept tight and not disturbed.

- Elevation is adjusted by turning the inner disc on the bottom hex nut.
- Windage is adjusted by turning the inner disc on the hex nut on the right hand side.

It is essential that all three hex nuts are tight before starting adjustment. To turn the inner discs, use the adjusting tool (see point 4.4, accessories) or the point of a bullet.

Turning the elevation adjustment disc in direction of "H" (for higher) rises the point of impact and reverse.



Turning the windage adjustment disc in direction of arrow "R" (for right) moves the point of impact to the right and reverse.

## **6. DISMANTLING AND ASSEMBLING:**

The Steyr-AUG can be assembled and disassembled without the use of special tools.

For the complete stripping of the weapon, special tools are available.

### **WARNING:**

BEFORE DISMANTLING MAKE SURE RIFLE  
IS UNLOADED!

### **DISMANTLING:**

Before disassembling the rifle, place the safety "ON" (white dot visible). Remove the magazine, eject a cartridge which may be in the chamber.

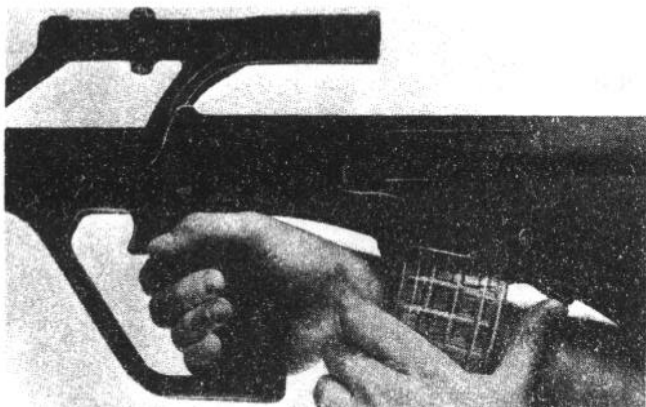
## **SUMMARY OF DISMANTLING:**

### **Removing the magazine:**

#### **WARNING:**

Keep the rifle pointed in a safe direction.

Grab the magazine with your left hand so, that the left thumb can press the magazine catch to release the magazine.



## **Taking off barrel:**

### **WARNING:**

Keep the rifle pointed in a safe direction and be sure the rifle is unloaded.

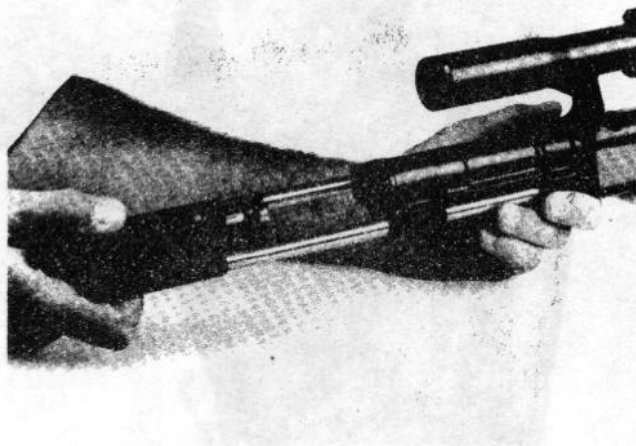
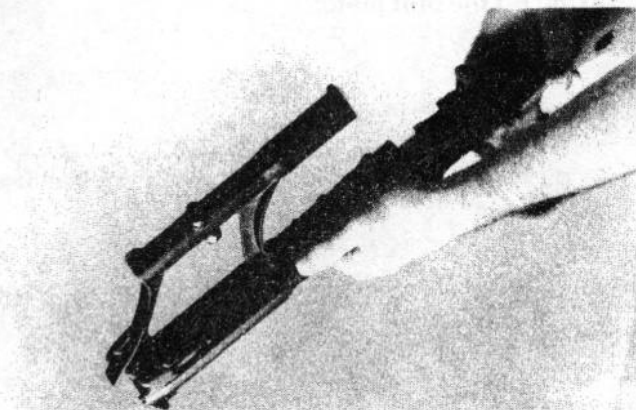
- Take the rifle with the right hand at the pistol grip and rest the butt plate on your right hip.
- With the left hand grab the barrel grip and press with left thumb the barrel locking catch down.
- Now turn barrel grip clockwise upward to the limit stop and remove the barrel from the receiver.
- Retract cocking slide and securit, in the rear position.
- Raise the barrel grip, if folded.



## Removing receiver and bolt:

- Release with left thumb the cocking slide knob in foremost position.
- With the right hand grasp the pistol grip, rest the weapon with the butt plate on your right hip.
- Place left hand on the front position of the receiver and press slightly against hip to release pressure of the housing latch.
- Now place right hand underneath the butt so, that the third finger is able to press the housing latch completely to the right.
- Point the weapon down and remove receiver and bolt.
- Separate bolt from receiver.



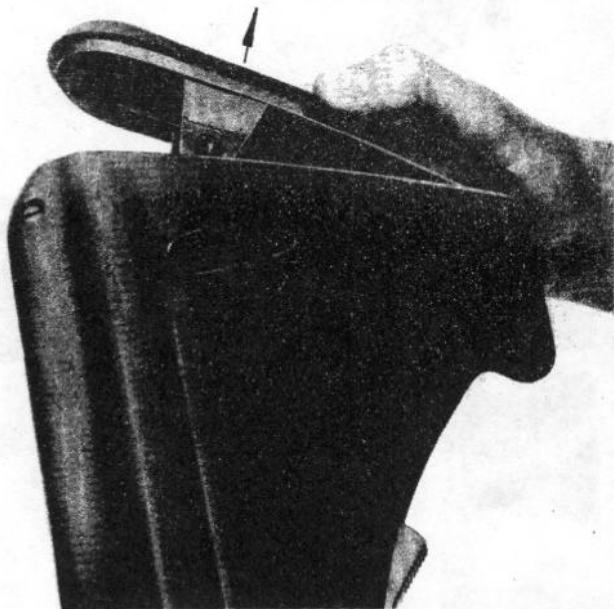




## **Taking off the butt plate:**

- Place front of the butt on right thigh so, that pistol grip faces the body.
- Press with right thumb the dimple of butt plate and push with left hand the sling swivel completely to the right.

Now remove the butt plate grabbing it at the wider position.

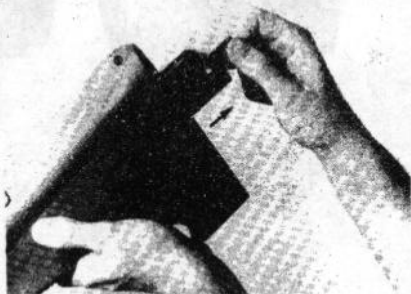


## Removing hammer group:

(To remove the hammer group it is necessary to remove the butt plate first)

- Press in spring support and pull sling swivel out completely.
- Grasp the tab on the rear of the hammer group and pull the hammer group out of the stock.

Now you have stripped the rifle in its main groups.



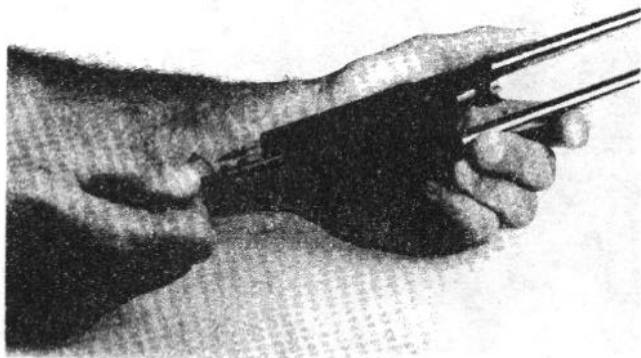
## Stripping the gas mechanism:

- Press down the serrated "ears" on the gas plug and turn clockwise until the slot on plug is lined up with the gas cylinder. The gas plug is now free to be pulled off forward.
- Remove the piston and spring with the right thrust piece of bolt group or suitable tool.



## Stripping the bolt group:

- Hold bolt group in left hand (plunger tubes pointing left).
- With right hand rotate firing pin 90 degrees counter-clockwise and remove it from the bolt.



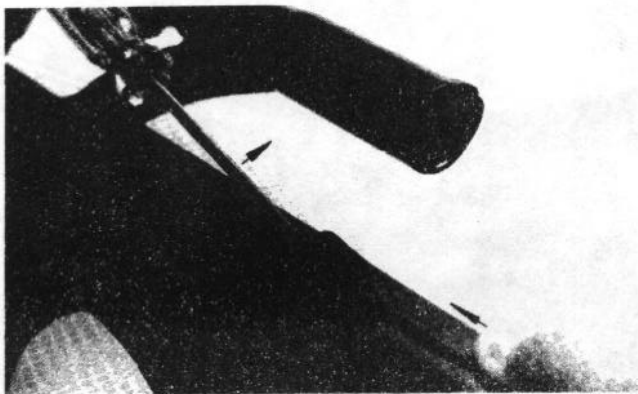
- While restraining the bolt from forward movement with the left index finger, use the right index finger to push down the control stud in the bolt carrier cam slot.
- The bolt, adaptor sleeve, bolt spring, and bolt spring sleeve will now come out as a unit.

Reassembling of bolt see page 22

## **Disassembling the ejection lid inside and outside:**

(Only for changing over from right hand to left hand ejection)

Lift ejection lid, outside, a bit in front with screwdriver and push it simultaneously forward.



Ejection lid outside may be removed. Ejection lid inside drops downward into the butt and may be removed either through the magazine shaft or through the ejection opening.

**Fitting procedure:**

Force ejection lid inside from the inside to the outside and slide on ejection lid outside until it engages.

**ASSEMBLY:**

Assembly in revers order.

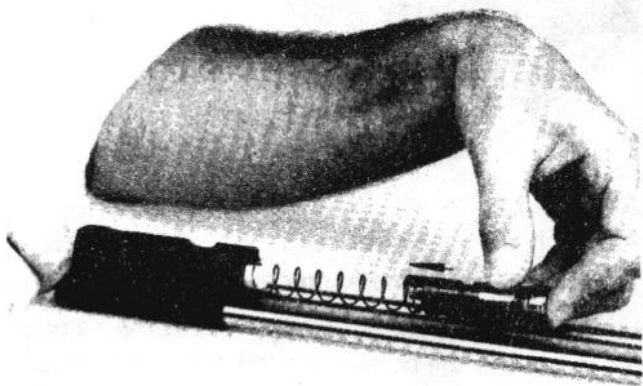
**Inserting of the hammer mechanism:**

Insert hammer group in stock. Press in the hammer group tab until the holes in the tab, the hammer group and the stock are all aligned. Insert the sling swivel and push it all the way in. DO NOT FORCE. It will assemble easily when correctly aligned.



## Reassembling of bolt:

- Insert the bolt (with adaptor sleeve, bolt spring, and bolt spring sleeve correctly attached) into the bolt carrier. Make sure the control stud is free to move.



- Press the bolt down into the bolt carrier until the control stud is visible in the cam slot.
- While holding the bolt in this position, replace the firing pin by pushing it in until it audibly engages. This raises the control stud and locks the bolt in place.

### **Putting on the butt plate:**

Insert butt plate (bottom end first, as shown). DO NOT FORCE. It will seat easily if the sling swivel is pushed in fully. When the butt plate is seated, pull out the sling swivel about 1/4" to lock it in place.



### **Inserting of receiver in the stock:**

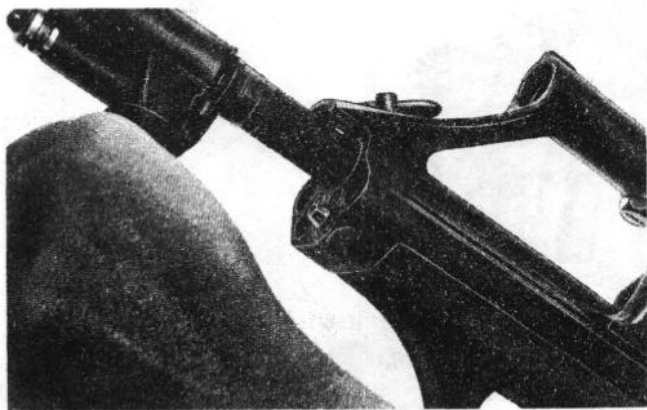
Put the bolt with the plunger into receiver. Press receiver with bolt into stock up to the limit stop. Push through housing latch, system is locked.





## Inserting of barrel:

Grasp barrel by barrel grip, insert it into the receiver bore and press barrel up to the limit stop. Turn barrel until the barrel retaining pin is locked automatically.



## **7. IMMEDIATE CLEARING OF JAMS AND MALFUNCTIONS:**

If the rifle is kept clean and given proper care, it will function very reliably. Nevertheless, if a jam occurs, follow this procedure:

Manipulations to be done:

Keep the rifle pointed in a safe direction.

Put the rifle on safe and remove magazine.

Pull back cocking slide entirely, in order to throw out jammed cartridge.

### **WARNING:**

Be sure there is no obstruction in the barrel before attempting to chamber another cartridge.

Release cocking slide, whereas the bolt is gliding freely forward insert magazine again, loading again.

Continue shooting.

If the jam recurs, unload the rifle and have it checked by a gunsmith.

**8. TABLE OF STOPPAGES**

cause

remedial action

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**Incorrect feeding and loading**

magazine is inserted incorrectly	remove magazine, insert again until magazine release button locks audibly
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damaged magazine	inspect magazine and change it, if necessary
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dirty magazine	clean the magazine
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insufficient chamber (gas pressure)	align gas plug with the large circle symbol to increase gas flow.
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NOT RECOMMENDED UNDER  
NORMAL CONDITIONS

dirty chamber	clean the chamber
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defective or dirty cartridge	throw out cartridge, clean the chamber
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### **Bolt does not lock**

dirty chamber or dirty bolt	clean
defective cartridge	change
extractor jams	clean and oil

### **Misfire**

defective cartridge (primer is struck, fail to fire)	wait 30 sec in firing position, unload
defective or broken firing pin (primer is not or insufficiently struck)	wait 30 sec in firing position, unload, return the weapon and cartridge to be supervised
dirty bolt	clean
defective hammer mechanism	change hammer mechanism

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**Incorrect extracting**

extractor jams	clean and oil the extractor
defective extractor	change the extractor
weak spring	change

**Incorrect extracting**

(cartridge is pulled out but not  
ejected)

ejector defective	change the ejector
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## **9. CLEANING AND MAINTENANCE:**

### **Cleaning to be done by the shooter:**

Each shooter using AUG must be aware of the fact that only proper handling and maintenance can guarantee a perfect performance.

Clean the weapon after each usage.

Only proper cleaning devices and weapon-oil are to be used for this purpose. The wire and bustle brushes are meant only for interior of the barrel.

### **Maintenance of the barrel:**

The barrel must be free of oil prior to each shooting.

## **Maintenance of weapon surface and other metal parts:**

Weapon surface is to be cleaned with a rag.

Following parts from the bolt group are to be oiled for lubrication:

plunger tube:	2 drops each
radial cam:	1 drop

The gas plug and the gas piston are hard-chrome plated and it is not necessary to oil them.

## **Maintenance of optical sight:**

Clean the lenses with a dry clean rag or plain water only. No additional maintenance is required.

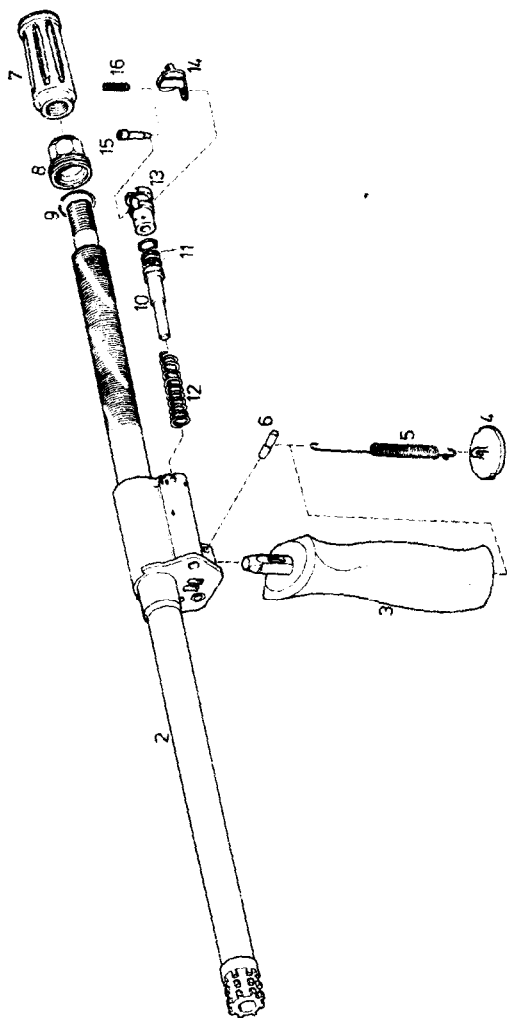




FIG. NO.	PART NUMBER	DESIGNATION	QUANTITY
<b>RECEIVER GROUP</b>			
1	12.00.02.0450	RECEIVER: compl.	1
2	12.00.02.0026	BARREL LOCK PIN:	1
3	12.00.02.0027	SPRING: for barrel lock pin	1
4	12.00.02.0430	BARREL LOCKING CATCH: compl. for barrel lock pin	1
5	12.00.02.0023	GRUB SCREW:	1
6	12.00.02.0040	COCKING SLIDE KNOB:	1
7	12.00.02.0041	COCKING SLIDE BODY:	1
8	12.00.02.0048	SPRING: for cocking slide	1
9	3x10 DIN 1481	ADAPTOR SLEEVE:	1
10	3x12 DIN 1481	ADAPTOR SLEEVE:	1
11	12.00.02.0046	KNOB: in cocking slide grip	1
12	12.00.02.0043	COUPLING PIECE: for cocking slide	1
13	12.00.02.0053	SPRING: for coupling piece	1
14	12.00.02.0462	SLING RING: compl. front	1
15	3x18 DIN 1481	ADAPTOR SLEEVE:	1
16	12.00.02.0069	OPTICAL TUBE:	1
17	12.00.02.0556	FIXING SCREW:	1
18	12.00.02.0568	ELEVATING AND LATERAL ADJUSTMENT SCREW.	2
19	12.00.02.0054	SPRING:	1

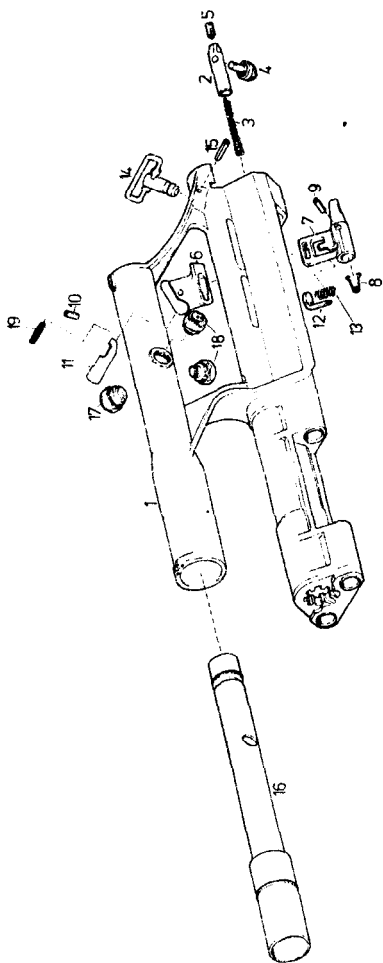


FIG NO.	PART NUMBER	DESIGNATION	QUANTITY
<b>HAMMER GROUP</b>			
1	12.00.03.0005	BODY: for trigger mechanism	1
2	12.00.03.0015	LOCK BOLT CATCH:	1
3	12.00.03.0016	SPRING: for lock bolt catch	1
4	DIN 1434 3h11x10	BOLT: for lock bolt catch	1
6	12.00.03.0050	HAMMER:	1
7	12.00.03.0046	HAMMER SPRING: right	1
8	12.00.03.0047	HAMMER SPRING: left	1
9	12.00.03.0033	SLIDE:	1
10	12.00.03.0030	HINGE PIN:	3
11	12.00.03.0045	DISCONNECTOR LEVER:	1
12	12.00.03.0036	PIN: for disconnector lever	1
13	12.00.03.0022	RETAINING BOLT LOCK:	1
14	12.00.03.0042	TRIGGER SPRING:	1
15	12.00.03.0460	SLING SWIVEL:	1
16	12.00.03.0031	HINGE PIN: for hammer	1
17	12.00.03.0454	DROP SAFETY:	1

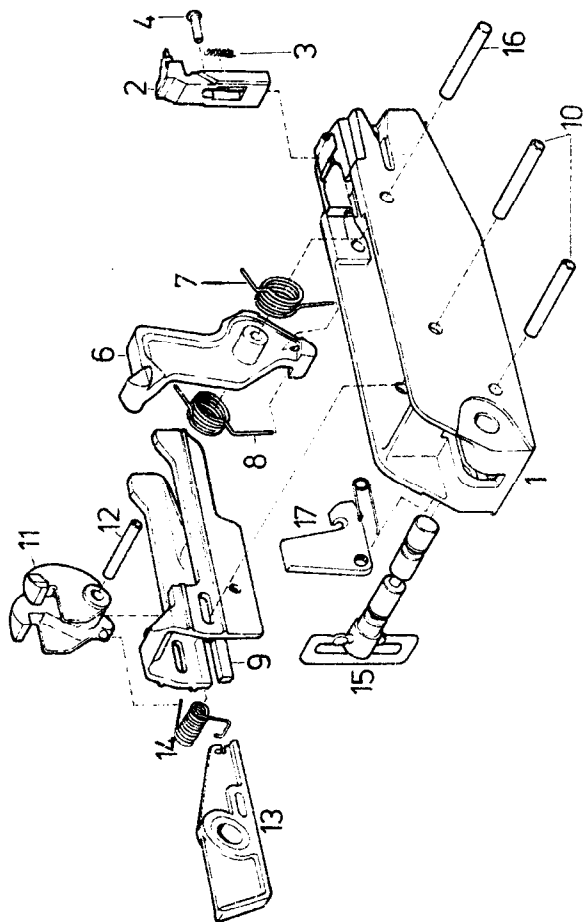


FIG. NO.	PART NUMBER	DESIGNATION	QUANTITY
<b>BOLT GROUP</b>			
1	12.00.04.0412	SLIDE PIECE BODY: compl.	1
2	12.00.04.0025	SPRING LOADED BOLT:	2
3	12.00.04.0026	LOCK SPRING:	2
4	12.00.04.0029	TRUST PIECE: left	2
5	12.00.04.0030	TRUST PIECE: right	2
6	12.00.04.0070	BOLT: (right ejection)	1
7	12.00.04.0042	EXTRACTOR:	1
8	12.00.04.0037	PIN: for extractor	1
9	12.00.04.0438	EXTRACTOR SPRING:	1
10	12.00.04.0045	EJECTOR:	1
11	12.00.04.0046	SPRING: for ejector	1
12	DIN 1481 2x10	ADAPTOR SLEEVE:	1
13	12.00.04.0068	LOCKING PIECE:	1
14	12.00.04.0061	CONTROL BOLT:	1
15	12.00.04.0083	BOLT SPRING:	1
16	12.00.04.0076	FIRING PIN:	1
17	12.00.04.0062	SLEEVE: for bolt spring	1
18	DIN 1481 2.5x12	ADAPTOR SLEEVE:	1
19	12.00.04.0075	COCKING PIECE:	1

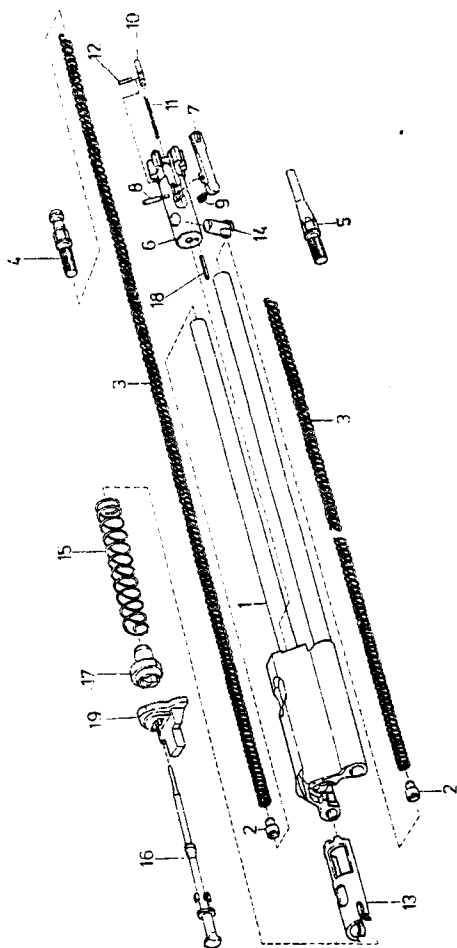


FIG. NO.	PART NUMBER	DESIGNATION	QUANTITY
<b>STOCK GROUP</b>			
1	12.00.06.0470	STOCK: compl.	1
2	12.00.06.0046	BUFFER PLATE:	2
3	12.00.06.0051	GUIDE ROD:	2
4	12.00.06.0052	BUFFER:	2
5	DIN 6912 M4x20	FILLISTER HEAD CAP SCREW:	1
6	12.00.06.0018	WASHER:	1
7	12.00.06.0030	TRIGGER:	1
8	12.00.06.0017	NUT: for trigger	1
9	12.00.06.0035	SEAR LEVER:	1
10	12.00.06.0019	SPRING: for safety button	1
11	12.00.06.0015	SAFETY BUTTON:	1
12	12.00.06.0028	HOUSING LATCH:	1
13	12.00.06.0021	SPRING: for housing latch	1
14	12.00.06.0040	MAGAZINE RELEASE BUTTON:	1
15	12.00.06.0041	BOLT: magazine release button	1

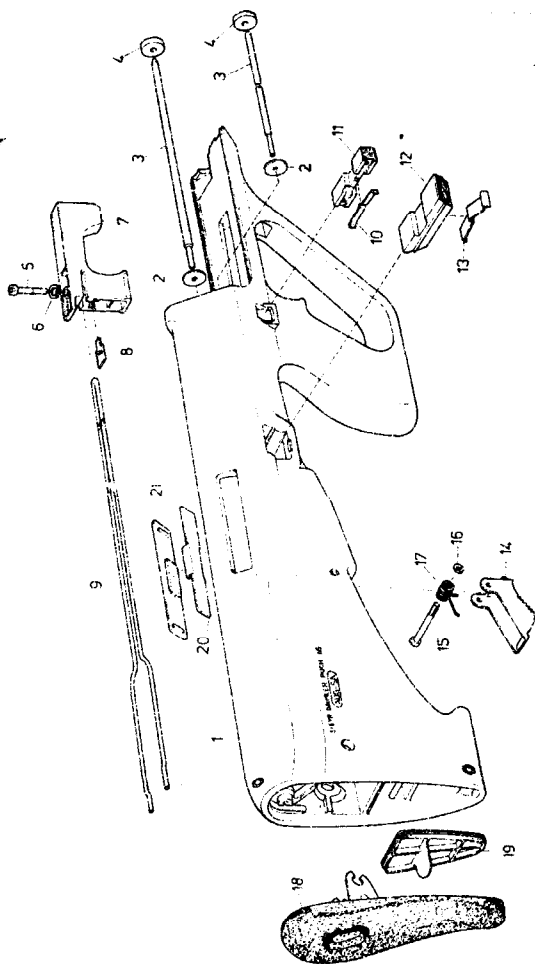




FIG NO	PART NUMBER	DESIGNATION	QUANTITY
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### STOCK GROUP

(continued)

16	12.00.06.0013	HEXAGON NUT:	1
17	12.00.06.0077	SPRING: for magazine release button	1
18	12.00.06.0455	BUTT PLATE: compl.	1
19	12.00.06.0023	LID: for cleaning kit compartment	1
20	12.00.06.0010	EJECTION LID: inside	1
21	12.00.06.0011	EJECTION LID: outside	1

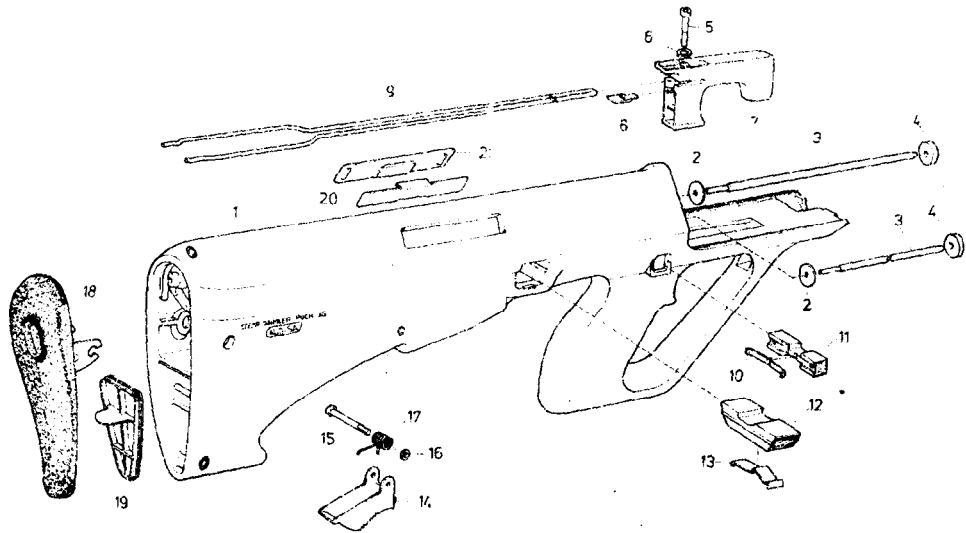
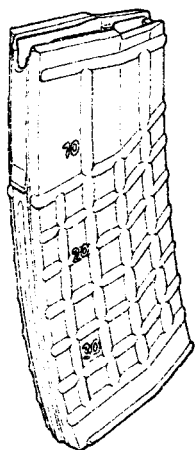


FIG. NO.	PART NUMBER	DESIGNATION	QUANTITY
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# **MAGAZINE GROUP**

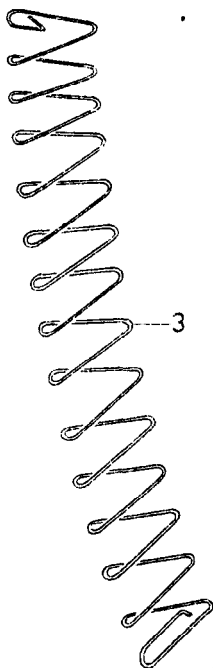
1	12.00.05.0001	MAGAZINE BODY:	1
2	12.00.05.0003	CARTRIDGE FEEDER:	1
3	12.00.05.0015	CARTRIDGE FEEDER SPRING:	1
4	12.00.05.0005	SPRING LOCK: for cartridge feeder spring	1
5	12.00.05.0007	MAGAZINE BOTTOM:	1



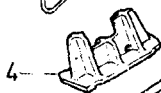
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Subject to technical modifications

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