

Owner's manual

STEYR-MANNLICHER Luxus

Models L · M · S



MANNLICHER
Luxus

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

Owner's manual

STEYR-MANNLICHER Luxus Models L · M · S

Before unpacking and using the weapon you are to read this owner's manual; it will warn against possible dangers that could be caused by misuse that might lead to accidents, and familiarize you with the pistol's function and handling characteristics.

BA-01006

Printed by Druckerei Mittermüller KG, 4532 Rohr
September 2000 for

Steyr Mannlicher AG & Co KG

P. O. Box 1000
A-4400 Steyr

A luxury that is not luxury

The new Steyr-Mannlicher de luxe is the result of an ingenious synthesis of the high industrial skill from experienced gunsmiths in the ancient ironworks city of Steyr and the latest state-of-the-art manufacturing methods. The advantages of this synthesis become manifest in the fine shaping, in precision and the technical details.

All of these details show that the experiences in the production of hunting weapons had been passed from generation to generation with the full use of the available technical knowledge in each particular case.

This is the reason why up to the present time all Steyr hunting weapons still range among the most reliable and therefore most desirable companions when going for a hunt. This is above all true, however, for the Steyr-Mannlicher de luxe rifles which fascinate, in addition, by their particularly esthetic shape.



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The Steyr-Mannlicher-Luxus features

- Unique, smooth-working action which allows this rifle to function very quietly.
- Six locking lugs with total lock surface of 112 mm² for optimum locking with high-pressure loads.
- Two diagonally opposed curves which allow smooth and easy cocking action.
- A bolt throw of only 60° which permits extremely low scope mounting.
- Perfectly noiseless operation of novel turning slide catch on butt neck.
- Cocking indicator pin at rear of bolt.
- 3-shot detachable steel magazine.
- Simple, straight-line top loading of magazine, no complicated insertion of cartridges.
- Tilted, reflection-free rear sight and square blade front sight.
- Balanced carrying of weapon since sling swivel is attached to the barrel. No nose-heaviness.
- Smooth, slim center-cut European walnut stock.
- Rosewood forearm tip and pistol grip.
- Precision-machined cartridge feed prevents damage to bullet tips.

1

Operating Instructions

Normally you will receive the rifle from your Steyr-Mannlicher franchised dealer with bolt already fitted. Before firing make sure that the barrel bore is dry. If the bore is still well oiled it is quite possible that your shot groups will be "off".

2

Removing the magazine

Hold the rifle with one hand, either by the pistol grip or the checkered forearm, with the magazine pointing down. With the thumb and index finger of your other hand, apply pressure on the forward half of the two parallel, checkered metal bars. The magazine will release and drop into your hand.

**3**

Filling the magazine / Loading

The two, separately attached, retaining lips act as guides as well as retainers and allow the ammunition to be loaded from the top in a straight line. It is not possible to insert cartridges backwards.



The magazine is then inserted into the rifle from the bottom; push it upwards until it locks with a definite click.

4

Loading the rifle

By turning the bolt handle 60° upwards, the rifle is unlatched and the breech bolt can be pulled all the way to the back. When the bolt is pushed

forward, one cartridge is fed into the chamber and locked into position by turning the bolt handle downwards to the right.

The safety should only be released when you are ready to fire.

If the rifle is not fired, it should be put immediately into the "safe" position again.

5

Safety

Putting on safety is achieved by pressing with the thumb on the turning slide catch and throwing it simultaneously back to its end position. The white "S" (S = safe) on the turning slide catch is visible.



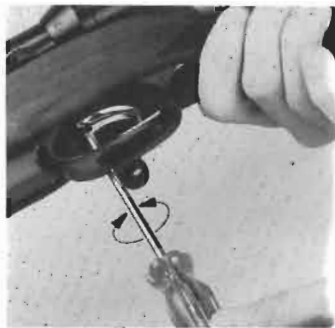
To be on safe (white "S" is visible)

6

The combined trigger

As standard, this weapon will be supplied with a 9 mm wide, gilded trigger that may be cocked by pressing it forward. For chocking, the trigger has to be pushed about 10 mm forward. This gives a prestress to the plate spring which is so unstable that by the usual light touching of the trigger it will tend to return to its initial position, thus releasing the shot.

Uncocking: put weapon to safety — pull through trigger. By turning the small screw in the trigger recess clockwise (to the right), the combined trigger will be made more sensitive to cocking until it finally becomes so sensitive that cocking is no more possible. When turning the screw anticlockwise (to the left), the hair trigger becomes less sensitive. It is recommended to have any such adjustment done by a gunsmith. Without cocking, the trigger is to be used as a shotgun.



For releasing, press safety slide catch with thumb and move it to its stop into firing direction. The red dot on the turning slide catch (red = ready for firing, catch released is visible).



Ready to fire (red dot is visible)

The safety catch slide acts on the striking pin and locks the bolt handle. The bolt handle may be locked as soon as the turning slide catch is in safety position.

Then, unlocking is no more possible, however, since the bolt handle remains arrested due to the action of the bolt handle locking.

7

Removing the bolt

The bolt handle should be turned 60° to the left and pulled to the rear. By simultaneously pulling the trigger, the bolt can be removed from the gun. This is recommended for proper cleaning of barrel and receiver.

8

Reinserting the bolt into the receiver

To reinsert the bolt into the receiver, point the bolt handle almost horizontally to the right, with the cocking piece downward. In this position, the bolt stop will automatically slide into the slot on the bottom of the receiver.

9

Uncocking the rifle

Pull the trigger all the way back with your left index finger and hold it tight. With the right hand, push the bolt handle.

With an audible snap, the gun is uncocked and the signal pin in back of the bolt sleeve has disappeared.

Never attempt to uncock a rifle with a cartridge loaded in the chamber!

(See page 9 from safety warnings)

Attention:

In so event it is permissible to turn the stop screw or the counternut respectively for this might involve a safety risk.



When pulling the trigger, do not pull the trigger to the side with cocked weapon since this will not release the shot but uncock the weapon.

10

Disassembling the rifle

The complete disassembly of the rifle by the owner is not normally necessary. If the barreled action is removed from the stock it is advisable to test fire the rifle again when assembled. The tension of the barreled action to the stock will have changed. The two screws (forward of the magazine and to the rear of the trigger guard) hold the barreled action to the stock.

2. With your right hand, hold the bolt handle and with your right thumb, push in the locking pin at the bottom of the bolt handle to release it (see illustration).



3. After releasing the locking pin, turn the bolt sleeve clockwise while holding the breech bolt with your lefthand. The cocking piece will slide forward along the cocking curve, thus uncocking the firing pin.

11

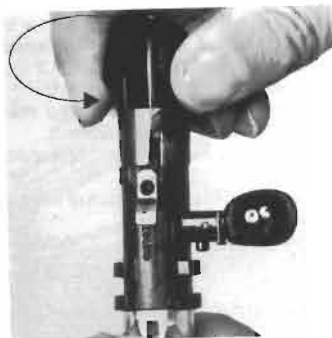
Disassembling the breech bolt

We do not recommend total disassembly of the bolt by the gun owner. Under normal circumstances, the bolt does not have to be taken apart; it has been provided with lasting lubrication by the factory. Occasional inspection by a gunsmith should suffice for maintenance purposes.

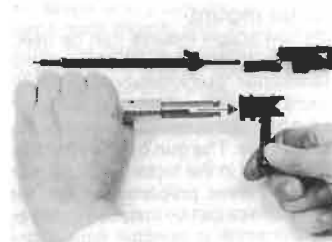
However, should circumstances require disassembly of the bolt and a gunsmith is not available, it may be accomplished as follows:

1. Hold the breech bolt tightly by the forward, shiny part, firing pin indicator upward.

4. Still holding the breech bolt with your left hand, turn the breech bolt sleeve counterclockwise with your right hand, until it slides upward and can be removed.



5. Now the firing pin can be pulled out and the locking piece connected with the breech bolt handle removed. The firing pin sleeve can now also be pulled off.



Now all parts can be cleaned and lubricated.

Only a skilled gunsmith should dismantle the weapon further.

12

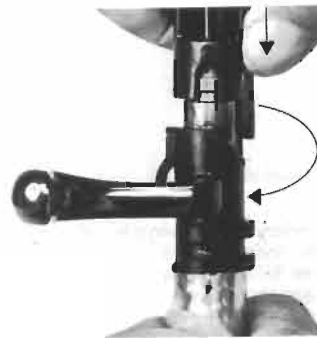
Reassembly breech bolt

1. Place the firing pin sleeve over the firing pin assembly. The slots provided only fit in the proper direction over the cocking piece. Incorrect assembly is not possible. Push the sleeve all the way against the firing pin spring.

2. Place the bolt handle with locking lugs over the breech bolt, so that the handle is on the same side as the extractor and the cocking curves are in front of the slots.

3. Hold the breech bolt upright, with the rear of the bolt facing upward. Drop the firing pin, sleeve and bolt handle assembly into the opening at the rear of the bolt so that the firing pin protrudes through the face of the bolt. The cocking piece only fits one way into the right slot. Wrong assembly is not possible.

4. Push the breech bolt sleeve downward onto the rear of the bolt, at which point the cocking piece should be on the bottom of the cocking curve, and the half-round cutout of the bolt sleeve on the same side as the bolt handle.

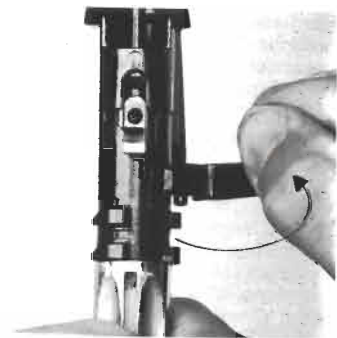


The bolt sleeve should be pushed, against the resistance of the firing pin, all the way down to the edge of the bolt handle sleeve and in the same movement turned clockwise until it clicks into place.

Do not use force.

Note that the half-round cutout of the bolt sleeve is now behind the cocking piece. A wrong assembly of the breech bolt is not possible.

5. Hold the breech bolt in your left hand by the smooth, shiny surface; your right hand should hold the bolt handle and turn it counterclockwise against a fairly strong spring.



Hereby, the cocking piece slides along the cocking curve and will come to a rest. Now the breech bolt is cocked and can be inserted into the rifle. The breech bolt can only be inserted into the rifle when it is cocked.

13

Adjustment of the iron sights

Front bead sight, elevation:

Press the front bead sight down, the nut can be turned. When the screw is turned to the left (counter clockwise) the bead is lowered and the point of impact rises. By turning the screw to the right (clockwise) the bead is raised and the point of impact drops.

Rear sight, lateral adjustment:

Loosen the screw ahead of the rear sight and make your adjustment.

Movement to the left - point of impact moves to the left.

Movement to the right - point of impact moves to the right.

Application wide-open V-type rear sight (medium sight)



Scope mount

All know scope mounts can be used; however, in most cases the original Mannlicher quick-detachable swing mount is used to ensure the accuracy of the barrel and its tightgrouping characteristics. The gun has been drilled and tapped in the factory, and the surface has been prepared so that the mount bases can be installed easily by any gunsmith in minimal time. Since there may be slight adjustment and machining necessary to accomodate various scopes on the mounts, the installation should be done by a knowledgeable gunsmith.

14

Attaching the scope

The scope should be held with the right hand, horizontally, at an angle of 45° to the gun, the front scope ring placed on the front base, and turned clockwise towards the gun until it snaps into place.



Removing the scope

Possible on Europe-model only. On the US-model the telescope is not removable.

Place right hand over the rear ring of the scope and push the slide backwards with thumb and index finger. Slide the scope counterclockwise, away from the gun, to about 45° and remove it from front base.

Maintenance of scope mount

The mount should be kept clean at all times; especially, the front base swivel and the rear slide-on mount should be lightly oiled.

Maintenance of your rifle

Never use steel brushes to clean the barrel. Use cloth or cotton pads, as available, which should be dipped into special barrel oil or gun oil. Special solutions for removal of plowder and metal fouling should be used as instructed. Always clean the barrel from the chamber to the muzzle (the tip of the cleaning rod should be unscrewed and the empty rod slid back), and never push the pad all the way through and then try to force it back through the muzzle. Avoid even the slightest damage to the muzzle. After cleaning, is should be lightly oiled.

All outside metal surfaces should be treated with gun oil, which acts as a shield between the metal surface and possible moisture, and does not emulsify with water. It is suggested that a different oil should be used for cleaning than for rust prevention. A true universal lubricant/cleaning solution that also acts as a corrosion preventive does not exist. Available special, long-lasting lubricants have worked very successfully on scope mounts and all movable parts. It does pay to be informed about the various lubricants available.

The stock should be treated only with a special stock oil containing silicone. Regular gun oil is harmful to the wood.

Before firing the gun, the oil should be removed from the barrel since it could change the point of impact as sighted in. If you should have any problems, please contact our service department or one of an authorized gunsmith.

Pistol grip inlay

The pistol grip cap has a silver inlay with the Steyr logo in relief. This logo can be machined off and the silver plate can be used for personalized engraving.

