

ANSCHÜTZ

1727 APR



MANUAL

MODEL

1727 APR

J.G. ANSCHÜTZ GmbH & Co. KG
Jagd- und Sportwaffenfabrik

Daimlerstraße 12 · 89079 Ulm / Germany
Fon +49 - (0)731- 40 12 - 0 | Fax +49 - (0)731- 40 12 - 700



www.anschuetz-sport.com



www.facebook.com/OfficialAnschuetz



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INHALT

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WELCOME TO THE WORLD OF ANSCHÜTZ – PRECISION BORN OF PASSION

When it comes to your rifle, trust is paramount. Consistency, precision, and quality are decisive – shot after shot, year after year.

Every ANSCHÜTZ system is the result of over 160 years of gunsmithing tradition, technical innovation, and craftsman's care. Whether hunting rifle, match rifle, biathlon rifle, air rifle, or laser rifle – our systems stand worldwide for supreme precision, function, and durability.

But a good system is more than the sum of its parts. Only those who know and understand their rifle can fully realize its potential. This manual is intended to help you master every aspect of your ANSCHÜTZ system: from safe handling to proper maintenance, all the way to individual adjustments.

If any questions remain or uncertainties arise, we – and our authorized dealers – are always available to provide guidance. Additional instructions and video tutorials can be found on our YouTube channel: www.youtube.com/AnschuetzGmbH

With an ANSCHÜTZ rifle, you choose reliability, precision, and trust. It will accompany you not only in the field or on the range – but in every engagement, proving itself anew.

Your ANSCHÜTZ Team

SYMBOLS USED

This manual uses the following symbols to highlight important information. Please read them carefully – they are intended to ensure your safety and the safe use of your ANSCHÜTZ system..

GENERAL INFORMATION

- ▶ Action Required: Indicates a step that must be taken.
- ✓ Result of Action: Describes the outcome of a required action.
- Bullet Point: Used for lists and enumerations.
- Supplementary Information: Useful notes that are not safety-critical..

SAFETY INSTRUCTIONS

▲ Safety Note: Indicates a possible hazard.



MANDATORY INSTRUCTION

Denotes required behavior to avoid danger.



NOTICE!

Hearing protection is required for your own safety.



NOTICE!

Eye protection is highly recommended.



CAUTION!

Warning of a dangerous situation that could result in injury, property damage, or in the worst case, death. Proceed with extreme care and follow all handling instructions.



WARNING!

Indicates a more severe danger with increased risk – failure to observe may result in serious injury, property damage, or fatality.

GENERAL HANDLING OF FIREARMS AND TRAINING SYSTEMS

Firearms and training systems such as air- or laser-based rifles are highly precise technical devices. At the same time, they are safety-critical tools. Their use calls for care, expertise, and responsibility. Please observe all of the following instructions carefully.

Before First Use:

Read this manual in full. When transferring ownership of the rifle, include the manual.

Legal requirements:

Observe the firearms laws and regulations in your country – specific rules often apply to air and laser systems as well.

Professional training:

If you are a beginner especially, have a qualified dealer or instructor teach you the handling and operation.

KEY PRINCIPLES FOR SAFE HANDLING

- ▲ Never use while under the influence of alcohol, drugs, or impairing medication.
- ▲ Use the firearm only for its intended purpose: hunting, sport, or training.
- ▲ Secure storage: Prevent unauthorized access – especially by children.
- ▲ Use only original ANSCHÜTZ components.
- ▲ Use only approved ammunition or compatible accessories.
- ▲ Contaminants inside the barrel or action may cause malfunctions.
- ▲ Systems that have been modified must not be used..



NOTE FOR USERS OF LASER/RAY SYSTEMS: Improper use of laser systems can cause eye injuries. Never point the system at people or animals.

SHOOTING – SAFETY FIRST

- ▲ Treat every firearm as if it is loaded.
- ▲ Do not point the firearm at people or animals.
- ▲ Only load the firearm immediately before firing.
- ▲ Do not aim at hard surfaces, water, sky, or reflective surfaces.
- ▲ In case of malfunction (e.g. trigger does not produce a shot):
- ▲ Safe the firearm.
- ▲ Do not look down the barrel.
- ▲ Point the firearm in a safe direction.
- ▲ Unload the firearm and inspect the bore.

MAINTENANCE, TRANSPORT, AND STORAGE

- ▲ Maintenance only when unloaded.
- ▲ Store in a dry, clean, locked container.
- ▲ Transport only unloaded and secured (e.g. in a case).
- ▲ Store ammunition separately and securely..

PERSONAL PROTECTIVE EQUIPMENT**HEARING PROTECTION:**

required when using firearms or air-powered systems.

**EYE PROTECTION:**

Eye protection is highly recommended when using firearms or air-powered systems.

**EVEN WITH LASER SYSTEMS:**

never direct the laser beam into eyes!

DISCLAIMER & PROHIBITION OF MODIFICATIONS

J.G. ANSCHÜTZ GmbH & Co. KG accepts no liability for damages resulting from:

- ▲ Ignoring this manual.
- ▲ Using non-approved parts.
- ▲ Negligence or improper storage.
- ▲ Technical alterations or modifications.

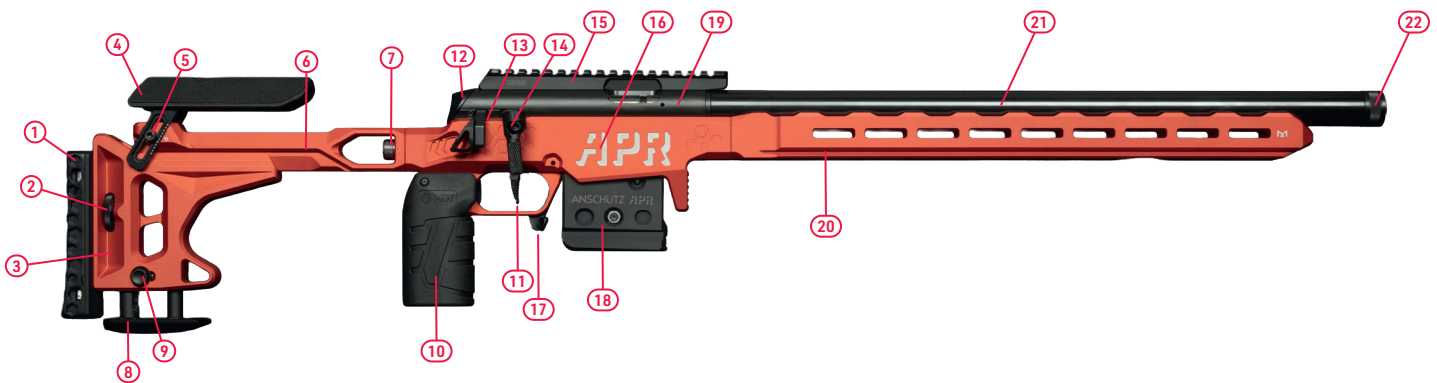
**WARNING!**

Any modifications to the system void the warranty and may lead to accidents.

**NOTICE:**

Before each use, check the rifle for integrity and functional safety.

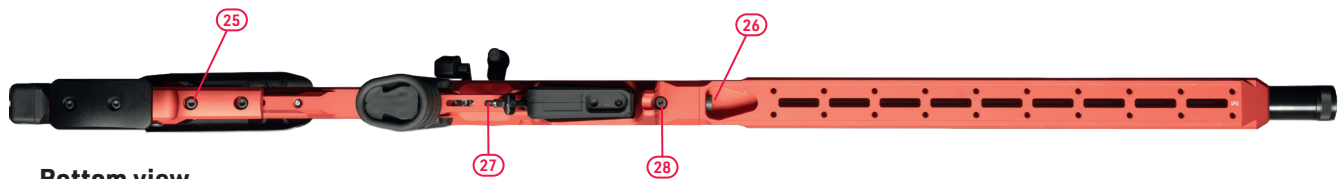
COMPONENTS / TERMINOLOGY



Right view



Left view



Bottom view



Top view

- | | |
|-------------------------------------|---|
| 1. Buttcap (synthetic) | 16. Receiver |
| 2. Buttcap adjustment screw | 17. Magazine release |
| 3. Butt-pad carrier | 18. Magazine |
| 4. Cheekpiece | 19. Bolt sleeve |
| 5. Height adjustment screw | 20. Forend |
| 6. Butt-pad extension bar | 21. Barrel |
| 7. Stock-to-action connection screw | 22. Muzzle thread bushing |
| 8. Bag rider | 23. Bolt stop lever |
| 9. Bag rider quick-adjust | 24. Safety |
| 10. Grip | 25. Length-of-pull adjustment screw |
| 11. Trigger | 26. Forend connection screw |
| 12. Bolt | 27. Front stock-to-action screw |
| 13. Gas paddle | 28. Rear stock-to-action screw |
| 14. Bolt handle | 29. Lateral cheekpiece adjustment / side adjustment |
| 15. Picatinny rail | 30. Picatinny rail mounting screws |

MODEL-SPECIFIC HANDLING

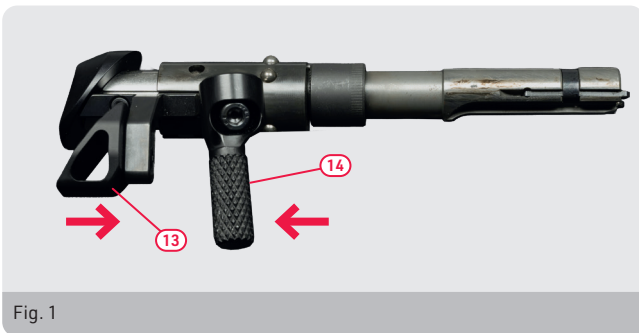
BOLT (BOLT ACTION SYSTEM)

NOTE:
On some models, the bolt is shipped separate from the action for safety. In such cases, the bolt must be installed before initial use.

NOTE:
Before first use the bolt and barrel's interior must be cleaned free of any fabric fibres / production oils to avoid malfunctions.

COCKING THE BOLT

The bolt must be cocked in order to be properly inserted into the action. If during cleaning or inspection the bolt has been removed and is uncocked, it must be manually cocked.



To cock the bolt:

- ▶ Press the gas paddle (13).
- ▶ Simultaneously pull the bolt handle rearwards in the direction of the arrow and hold.
- ▶ The bolt is now cocked.

CAUTION - RISK OF INJURY!
Take care when cocking to avoid trapping your fingers. Tip: wipe off any excess oil with a clean, lint-free cloth.

INSERTING THE BOLT

WARNING - EXTREME DANGER!
Before insertion ensure that there is no ammunition in the chamber or magazine, and that no magazine is inserted..

CAUTION - RISK OF DAMAGE!
When inserting the bolt, take care not to damage the stock.

NOTE:
Pressing the bolt catch is not necessary to insert the bolt.

To insert the bolt:



- ▶ Guide the cocked bolt into the action housing in the direction of insertion.
- ▶ Slightly wiggle the bolt back and forth to find the optimal alignment.
- ▶ The bolt is correctly seated when it can be fully inserted into the action housing without resistance.

REMOVING THE BOLT

CAUTION - RISK OF DAMAGE!
Be careful when removing the bolt to avoid damaging parts of the stock.

To remove the bolt:



- ▶ Pull the bolt (12) rearwards until it stops.



- ▶ Press the bolt stop lever (23) with your thumb. Pull the bolt (12) rearwards until it is fully removed.
- ▶ The bolt is successfully removed.

BOLT MAINTENANCE INTERVALS

To ensure long-term reliable function, ANSCHÜTZ recommends regular inspection of the firing pin spring and replacement when necessary.

Recommended maintenance cycle:
Every 5 years
or
after 50,000 rounds fired
whichever comes first.

The replacement should be performed only by an authorized gunsmith.

DISASSEMBLING THE BOLT

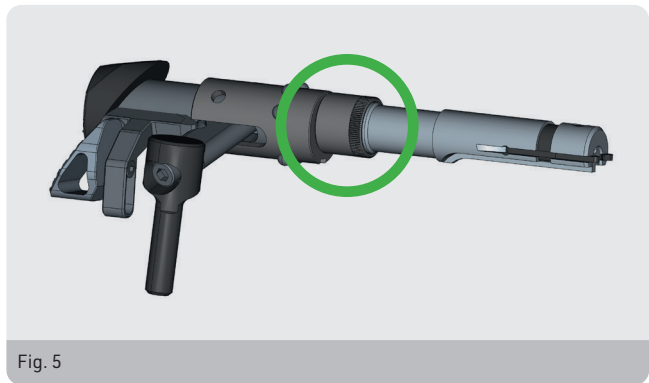
⚠ WARNING
 For qualified personnel only!
 The bolt must only be disassembled by a certified gunsmith. Unauthorized disassembly will void the warranty and all liability claims

Preparation

- ▶ Remove the bolt from the rifle.

Separating the Bolt

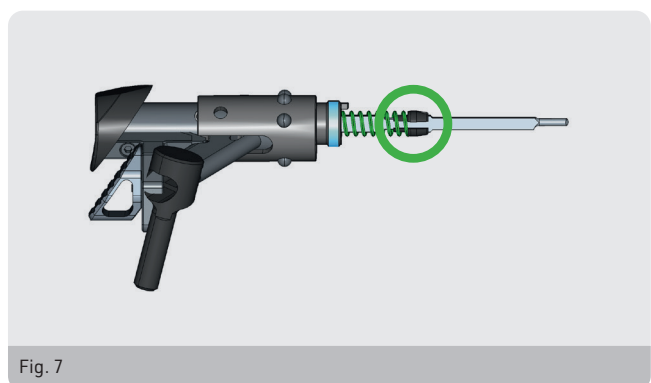
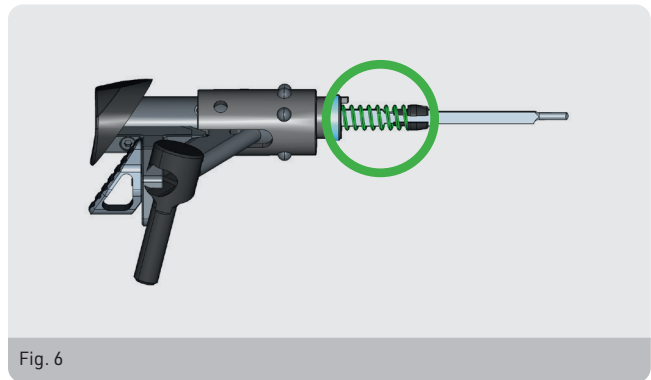
- ▶ Unscrew the connector nut until the front and rear sections of the bolt can be separated.



- ▶ Remove the bolt sleeve.

Removing the Firing Pin Spring

- ▶ Compress the mainspring using the appropriate special tool (not shown).



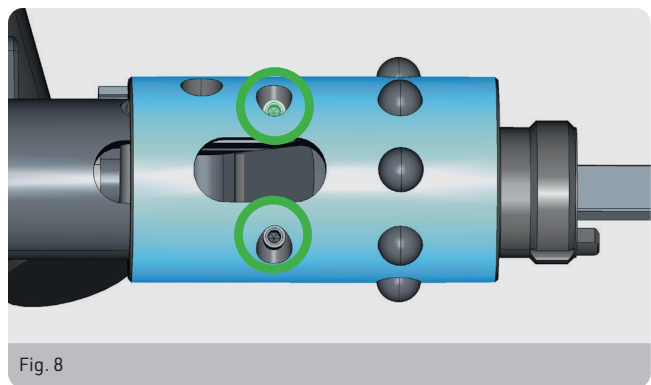
- ▶ Rotate and remove the spring support.

⚠ CAUTION - RISK OF INJURY!
 The spring is under tension. Flying parts may cause injury. Handle with care.

- ▶ Remove the firing pin spring.

Disassembling the Cocking Mechanism

- ▶ Loosen the grub screws on the safety detent pin.



- ▶ Push out the retaining pin and detent.

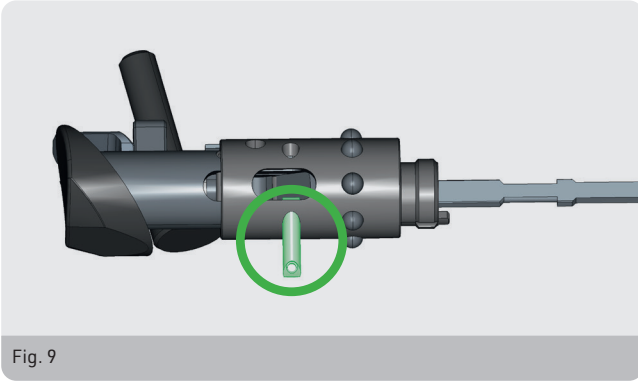


Fig. 9

- ▶ Pull the bolt handle all the way back.

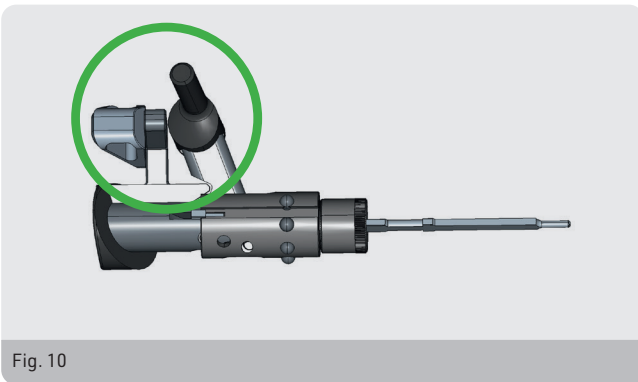


Fig. 10

- ▶ Remove the cocking piece from the rear bolt housing (noticeable resistance may need to be overcome).

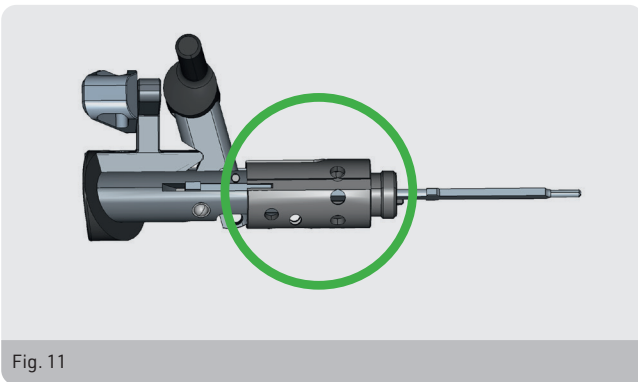


Fig. 11

- ▶ Push the steel balls out to the inside.



Fig. 12

- ▶ Remove the indexing sleeve from the cocking piece.

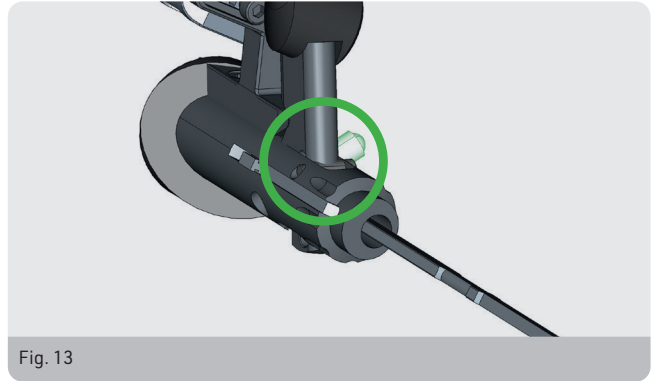


Fig. 13

- ▶ Push the drive pin upward out of the cocking piece.

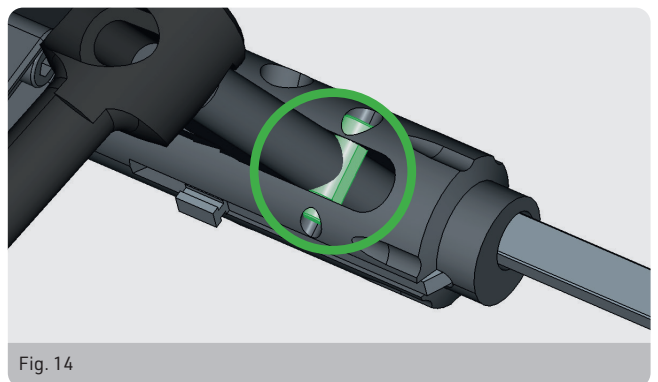


Fig. 14

- ▶ Remove the bolt handle.

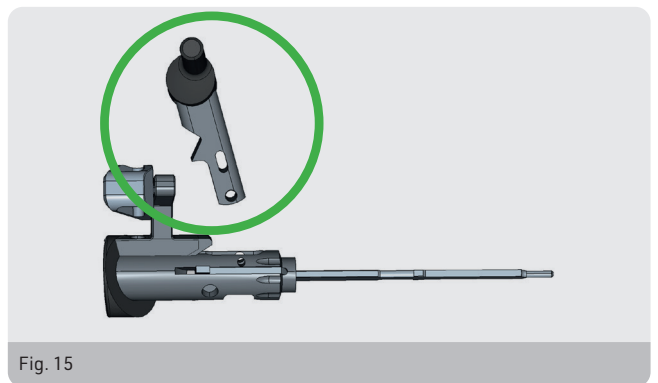


Fig. 15

- ▶ Remove the thumb rest (gas paddle).

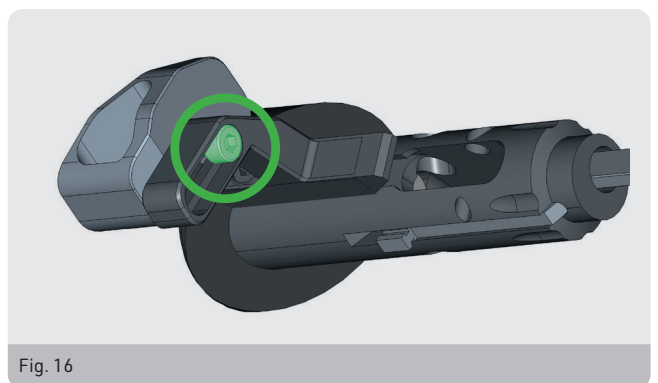
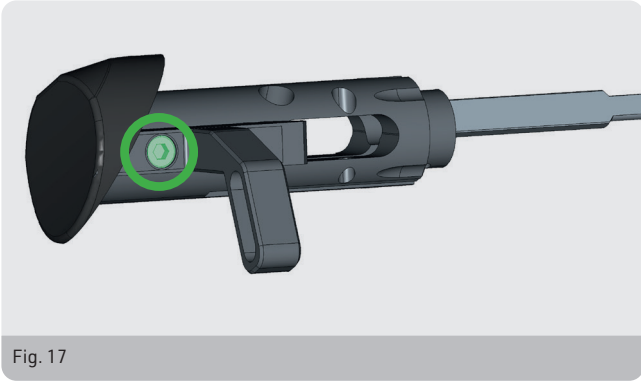
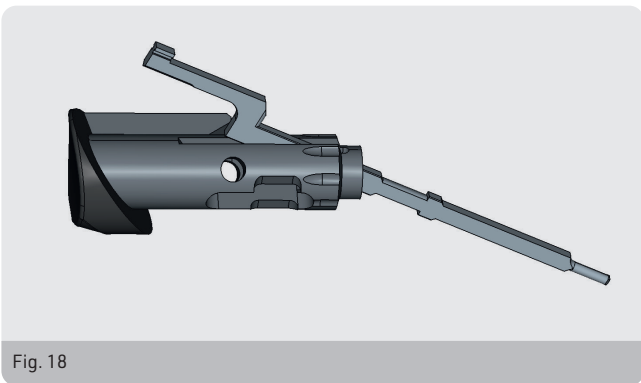


Fig. 16

- ▶ Remove the thumb rest guide piece.



- ▶ Remove the firing pin by pulling it out toward the rear.



- ✓ Status: The bolt is now fully disassembled.

CLEANING

NOTE: Clean all disassembled parts thoroughly using a thin, non-resinous oil to remove dirt and powder residue. Apply a light film of oil afterwards to protect all surfaces.

REASSEMBLING THE BOLT

Reassembly must be done in reverse order of disassembly.

Pay close attention to the following points:

1. Steel Ball Preparation

- ▶ Before rejoining the bolt rear section and cocking piece: Insert the steel balls into the rear bolt housing from the inside.
- ▶ Apply a temperature-resistant grease to prevent the balls from falling out during assembly.

2. Correct Installation of the Connector Nut

- ▶ Position the connector nut with its serrations facing opposite the firing direction, flush against the rear bolt housing.
- ▶ Thread the nut onto the bolt body.
- ▶ The groove on the threaded side of the bolt body must align with the lug on the rear bolt housing.
- ▶ Do not twist the bolt components against each other during assembly. The connector nut features dual-opposing threads that must engage simultaneously.

IMPORTANT: Thread the connector nut one full turn onto the front bolt section (left-hand thread).

- ▶ Hand-tighten the connector nut until the bolt body can no longer rotate.
- ▶ The firing pin tip must be protruding from the bolt face when correctly assembled.

INSERTING THE BOLT

- ▶ The fully reassembled bolt must be cocked before inserting into the receiver.
- ▶ Then install the bolt into the action.

ENGAGING / DISENGAGING THE SAFETY

NOTE: The safety mechanism can only be engaged or disengaged when the rifle is cocked – either with the bolt open and the firing pin cocked, or after loading with the bolt closed, firing pin, and trigger set.

The following section describes the general procedure for engaging and disengaging the safety.

MAINTENANCE NOTE

NOTE: ANSCHÜTZ recommends having the headspace checked regularly by an authorized gunsmith to ensure maximum precision and safety.

TO ENGAGE THE SAFETY

- ▶ Ensure the rifle is cocked.



Fig. 19

- ▶ Push the safety lever rearwards (in the direction of the arrow) until the "S" marking is visible.



NOTE:

The safety must fully engage and lock into position. It must not rest between positions.

- ▶ Status: The rifle is now cocked and safe.

TO DISENGAGE THE SAFETY

- ▶ If necessary, close the bolt fully using your thumb (push in the arrow direction until the stop).



Fig. 20

- ▶ Push the safety lever forward (in the direction of the arrow) until the "F" marking is visible
- ▶ Status: The rifle is now cocked and READY TO FIRE.

LOADING / CYCLING / FIRING / UNLOADING

LOADING THE MAGAZINE



DANGER

Risk of serious injury or death! Use only the caliber marked on the barrel. Using incorrect caliber ammunition may lead to severe injury or death.



CAUTION - LIABILITY EXCLUSION!

Only use ammunition with a muzzle velocity (V_0) of at least 280 m/s (920 fps). Failure to comply voids all warranties and product liability.

Procedure:

- ▶ Open the bolt.



Fig. 21

- ▶ Engage the safety.



Fig. 22

- ▶ Load the rifle only immediately before use.



CAUTION - RISK OF DAMAGE!

After release, the magazine may drop out of the well. Hold a hand underneath when releasing.

- ▶ Push the magazine release lever forward (arrow direction) and hold



Fig. 23

- ▶ Remove the magazine.



Fig. 24

- ▶ Insert cartridges base-first into the magazine.



Fig. 25

! IMPORTANT NOTES:
 Use only original ANSCHÜTZ magazines.
 Do not exceed the magazine's capacity.
 Use only clean, factory-loaded, new
 ammunition in the approved caliber.
 Ammunition must comply with C.I.P. standards.

- ▶ Insert the magazine into the magazine well until it clicks into place.



Fig. 26

- ▶ Optional: Hold the release lever down during insertion for smoother engagement.
- ✓ Status: The rifle is now loaded, cocked, and safe.

REPEATING ACTION

! WARNING – RISK OF DEATH!
 Unintentional discharge possible from a loaded, unsecured firearm. Keep the muzzle pointed in a safe direction at all times. Engage the safety immediately after loading..

! WARNING – SAFETY MISCONCEPTION!
 Even with the safety engaged, the firearm must never be pointed in a direction where it could cause injury or death.

This rifle is a repeating action that automatically feeds cartridges from the magazine. During cycling (repetition) a cartridge in the chamber is ejected and the next cartridge is fed into the chamber.

Procedure:

- ▶ If the bolt is not open: open the bolt. (Opening the bolt cocks the firing pin spring.)



Fig. 27

- ▶ Close the bolt with the thumb (in the direction of the arrow until it stops).



Fig. 28

- ▶ The next cartridge is fed from the magazine into the chamber.
- ▶ Handle smoothly – avoid jolts so the cartridge does not fall out.

✓ Status: Firearm is loaded, cocked, and on safe.

SHOOTING

WARNING – RISK OF DEATH!
 Keep both the forward and rear danger areas clear. Fire only at a safe backstop. Load and disengage the safety only immediately before firing. After firing, immediately secure or unload the firearm.

Procedure:

- ▶ Firearm is loaded.
- ▶ Move the safety lever to the fire position.
- ▶ Acquire the target and press the trigger.



Fig. 29

For follow-up shots:

- ▶ Pull the bolt handle and bolt fully to the rear against the bolt catch.
- ▶ The empty cartridge case will be ejected.
- ▶ By closing the bolt again a new cartridge is fed into the chamber.

NOTE:
 Closing the bolt automatically feeds one cartridge.

WARNING – RISK OF DEATH!
 Always keep the muzzle pointed in a safe direction. Engage the safety after loading. Even with the safety engaged, never point the firearm where people or property could be endangered.

UNLOADING / MAKING READY FOR STORAGE

It is recommended to store the rifle with the bolt uncocked (relaxed).

This prolongs the service life of the firing pin spring and ensures reliable ignition.

NOTE:
 Loading and unloading is possible on this rifle even with the safety engaged.

WARNING – RISK OF DEATH!
 Keep the muzzle pointed in a safe direction at all times. Before beginning, ensure there is no ammunition in the magazine, the case/holder, or the chamber.

Procedure:

- ▶ Ensure the safety lever is on "safe" (visible "S").
- ▶ Pull the bolt handle and bolt fully to the rear against the bolt catch. (Any cartridge present may be ejected.)
- ▶ Push the magazine release lever forward and hold it.
- ▶ Remove the magazine. (Keep a hand under the magazine – it may fall out.)
- ▶ Check magazine, case well, and chamber for ammunition.
- ▶ Move the safety lever to "fire" (visible "F").
- ▶ Point the firearm in a safe direction and press the trigger (best done with the left hand).
- ▶ With the trigger held, close the bolt with the thumb.
- ▶ Status: The firearm is now unloaded, uncocked, and ready for transport or storage.

TRIGGER

TWO STAGE STAGE TRIGGER 5022 APR

! DELIVERY CONDITION:
 Delivery condition: The 5022 APR is supplied from the factory as a set (pressure-point) trigger with a factory trigger pull weight set to 550 g.

TRIGGER ADJUSTMENTS

Assemblies / Terminology

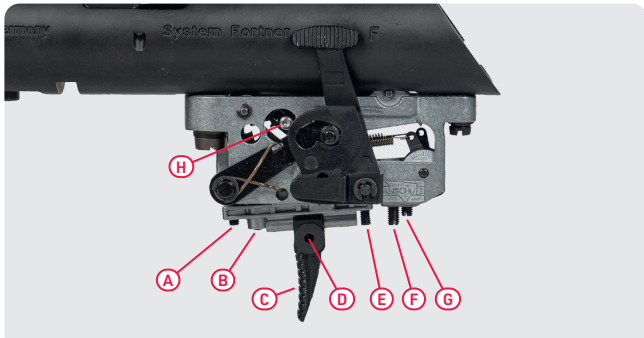


Fig. 30

- | | |
|--|---|
| A. Adjustment screw pre-travel | E. Adjustment screw trigger stop |
| B. Adjustment screw set (pressure-point) | F. Adjustment screw pre-travel weight |
| C. Trigger blade | G. Adjustment screw trigger pull weight |
| D. Adjustment screw trigger blade | H. Trigger cam |

ADJUSTING THE TRIGGER BLADE

Loosen the trigger shoe adjustment screw (D). The trigger shoe (C) can be moved longitudinally along its guide and can also be pivoted laterally..



Fig. 31

! CAUTION:
 The following trigger adjustments must be performed only by a qualified person who has received ANSCHÜTZ training in maintenance of ANSCHÜTZ match triggers!

! WARNING – RISK OF DEATH!
 Risk of death from a loaded firearm. Do not look into the muzzle. Keep the muzzle pointed in a safe direction. Ensure the rifle is unloaded.

! WARNING – RISK OF DEATH!
 Risk of an uncommanded discharge and malfunctions from a minimally set trigger pull weight and insufficient sear engagement. Do not set the trigger pull weight too low. Do not set the sear engagement too small.

! CAUTION – PROPERTY DAMAGE!
 When removing the trigger, open or remove the bolt.

TRIGGER PULL WEIGHT

Adjust trigger pull weight with adjustment screw (G):

- ▶ Turn clockwise = trigger pull weight increases (+)
- ▶ Turn counterclockwise = trigger pull weight decreases (-).

! NOTE:
 Trigger pull weight and pre-travel weight are mechanically interdependent. Any adjustment will cause a small concurrent change in the other value.

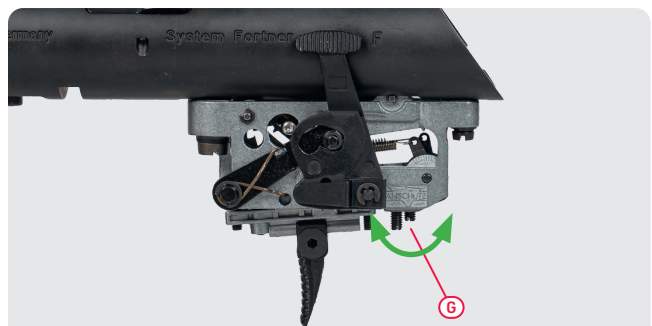


Fig. 32

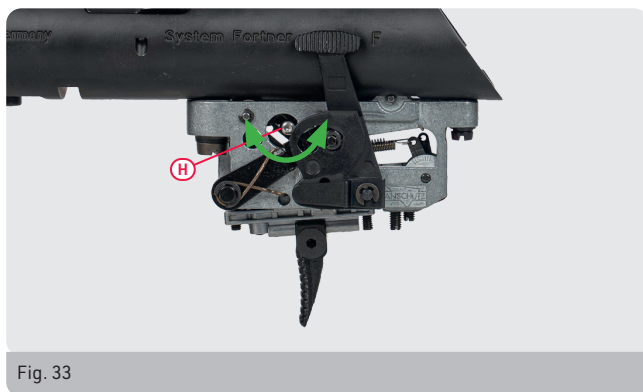
MOVING THE TRIGGER CAM

CAUTION!
Only by an authorized gunsmith! Failure to follow this voids the warranty and any claims for damages.

- ▶ Lowest cam position = lowest trigger pull weight.
- ▶ Highest cam position = highest trigger pull weight.

TO MOVE THE TRIGGER CAM

NOTE!
A 2 mm Allen key and possibly tweezers are required.



- ▶ Turn left = loosen the retaining screw.
- ▶ Turn right = tighten the retaining screw.

After moving the trigger cam, check and, if necessary, re-adjust the sear engagement (see chapter "Sear engagement / sear overlap").

Fine adjustment of trigger pull weight and pre-travel weight is made with adjustment screws (G) (trigger pull weight) and (F) (pre-travel weight).

CAUTION!
Risk of property damage. Risk of breaking the clamping screw from excessive torque. Ensure correct seating of the trigger cam.

PRE-TRAVEL WEIGHT (ONLY FOR TWO STAGE TRIGGERS)

Adjust pre-travel weight with adjustment screw (F):

- ▶ Turn clockwise = pre-travel weight increases (+).
- ▶ Turn counterclockwise = pre-travel weight decreases (-).

NOTE:
Trigger pull weight and pre-travel weight are mechanically interdependent. Any adjustment will cause a small concurrent change in the other value.

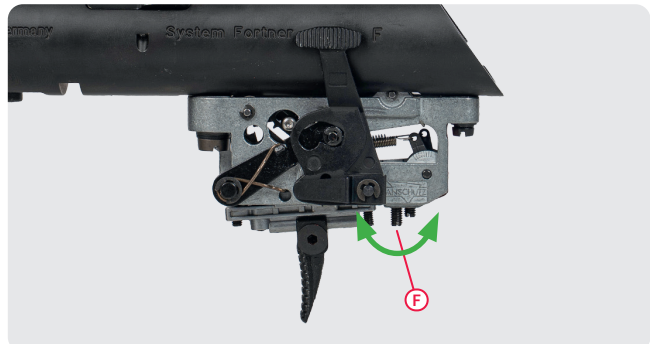


Fig. 34

SEAR ENGAGEMENT / SEAR OVERLAP

Sear engagement refers to the travel from the pressure point to the release of the trigger (i.e., how much the sear overlaps before release).

WARNING – RISK OF DEATH
Unintentional discharge due to insufficient sear engagement and/or too low a trigger pull weight. Do not set sear engagement too small. Do not set trigger pull weight too low. Do not subject a loaded, disengaged (safety off) rifle to shocks nor force the bolt closed.

Adjusting sear engagement on the set trigger with adjustment screw (B):

- ▶ Turn clockwise = sear engagement is shortened.
- ▶ Turn counterclockwise = sear engagement is lengthened.

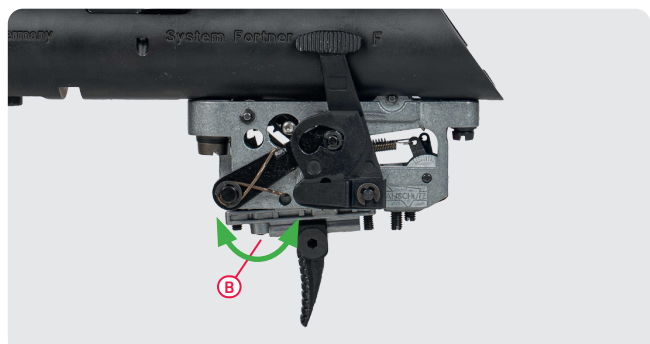


Fig. 35

SEAR ENGAGEMENT

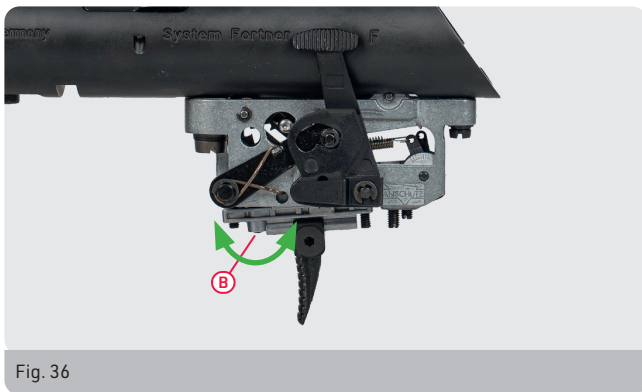
Setting the optimal sear engagement.
The rifle must be unloaded.

Cock the rifle and operate the trigger to check whether it releases as intended.

SEAR ENGAGEMENT IS TOO LONG

There is a small distance from the pressure point to release (called "drag" or "creep").

- ▶ After cocking and releasing, turn the set screw [B] stepwise clockwise (about 1/8 turn each time).
- ▶ Repeat until no pressure point is detectable.
- ▶ Then turn approximately 1/5 turn counterclockwise.
- ✓ The optimal sear engagement is set.

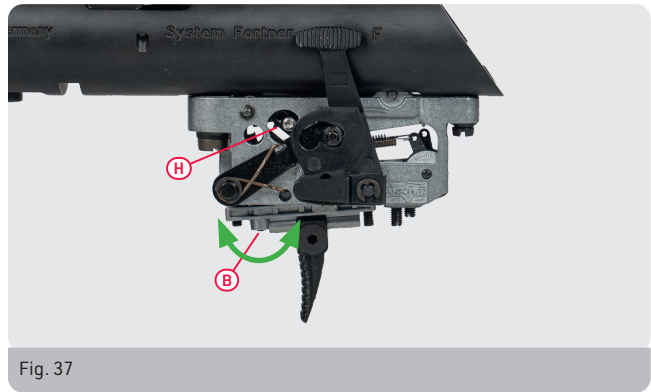


SEAR ENGAGEMENT IS TOO SHORT

There is no pressure point. The trigger releases unpredictably without a pressure point.

- ▶ After cocking, turn set screw [B] at least 1/4 turn counterclockwise, operate the trigger and check for a pressure point.
- ▶ If none, repeat until a detectable pressure point is present.
- ▶ Once a pressure point exists, proceed as described in the "Sear engagement is too long" section to reach the optimal sear engagement.
- (The instructions for setting sear engagement for a direct trigger are in the chapter „Converting Two Stage to Single Stage Trigger on page 17“.)

PRE-TRAVEL (ONLY ON TWO STAGE TRIGGERS)



Pre-travel denotes the travel of the trigger shoe from the neutral position to the pressure point. Adjust pre-travel with adjustment screw Pre-travel (H):

- ▶ Turn clockwise = pre-travel is shortened.
- ▶ Turn counterclockwise = pre-travel is lengthened.

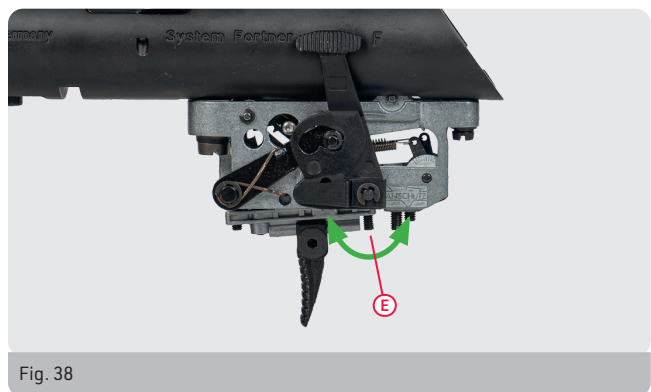
⚠ WARNING – RISK OF DEATH!
The pre-travel adjustment screw operates via the set (pressure-point) function. Never turn the pre-travel screw past the set function. Never eliminate the pre-travel completely to convert a set trigger into a direct trigger.

OVERTRAVEL (TRIGGER-STOP))

Overtravel denotes the travel from the pressure point to the trigger stop.

Adjust overtravel with adjustment screw Trigger-Stop (E):

- ▶ Turn clockwise = overtravel is shortened.
- ▶ Turn counterclockwise = overtravel is lengthened.



! CAUTION!
Malfunction possible! Do not screw the Trigger-Stop past the release point (the trigger will not release).

CONVERTING TWO STAGE TO SINGLE STAGE TRIGGER

CAUTION!
Only by an authorized gunsmith! Failure to follow this voids the warranty and any claims for damages.

Procedure:

- ▶ Turn the pre-travel screw (A) counterclockwise until maximum pre-travel length is set.
- ▶ Cock the rifle.
- ▶ Turn the set screw (B) counterclockwise until the trigger releases.
- ▶ From that position, turn set screw (B) approximately 1/4 turn clockwise.
- ▶ The trigger is now set as a single stage trigger; no pre-travel remains.

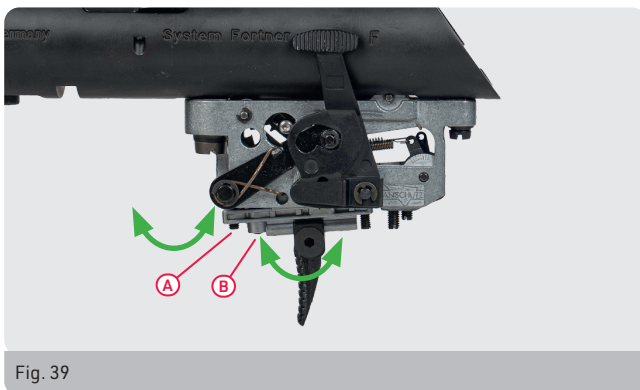


Fig. 39

WARNING – RISK OF DEATH!
Risk of uncommanded discharge! Uncommanded discharge and malfunctions can result from minimally set trigger pull weight and insufficient sear engagement. Do not set trigger pull weight too low. Do not set sear engagement too small.

CONVERTING SINGLE STAGE TO TWO STAGE TRIGGER

- ▶ Turn Trigger-Stop (E) about 2½ turns counterclockwise (set maximum trigger-stop length).
- ▶ Uncock the safety and cock the rifle.
- ▶ Turn set screw (B) about 2½ turns clockwise.
- ▶ The pressure point is now noticeable.

▶ To set optimal sear engagement follow the instructions in the chapter „Sear engagement / Sear overlap on page 15“.

▶ Adjust pre-travel, overtravel, trigger pull weight and pre-travel weight to desired values if necessary..

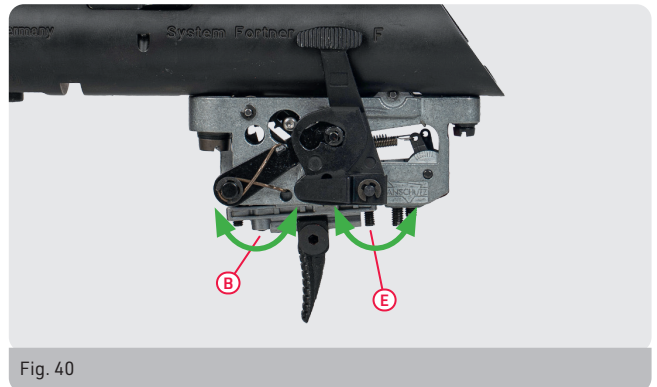


Fig. 40

TROUBLESHOOTING THE TRIGGER

If the trigger malfunctions after adjustment proceed as follows:

- ▶ After each adjustment the trigger function must be checked.
- ▶ If the malfunction is corrected, verify the desired trigger settings and re-adjust if necessary.

THE TRIGGER CATCHES THE FIRING PIN BUT DOES NOT RELEASE WHEN THE TRIGGER IS PULLED.

- ▶ Check whether the safety is disengaged.
- ▶ Check that the trigger cam (H) is present and correctly fastened.
- ▶ Trigger-Stop screw (E) is screwed in too far (turn screw (E) several turns counterclockwise until the firing pin releases when the trigger is pulled).

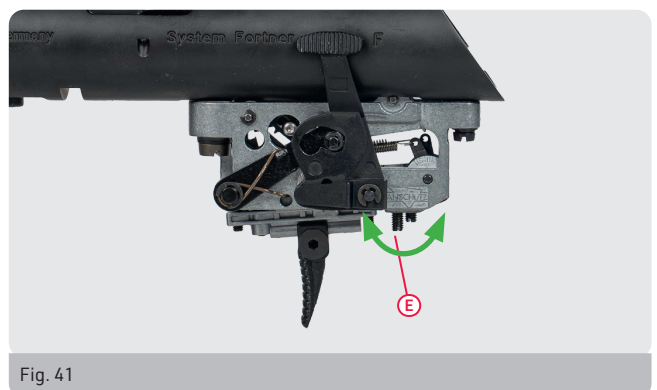


Fig. 41

THE TRIGGER DOES NOT CATCH THE FIRING PIN.

- ▶ Pre-travel screw (A) is turned in too far.
- ▶ Check whether the return spring is undamaged and correctly hooked..

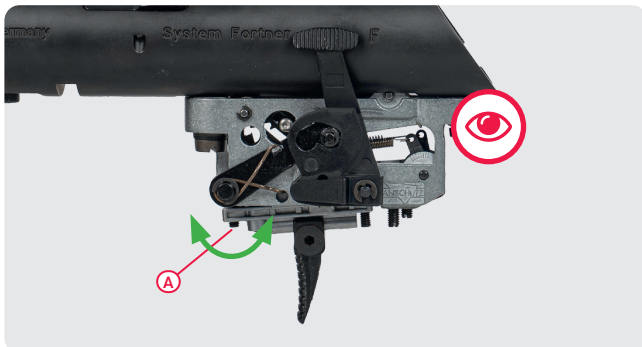


Fig. 42

THE SINGLE STAGE TRIGGER IS SET TOO CLOSE

- ▶ Turn the set screw (B) stepwise 1/4 turns clockwise until the firing pin is caught.
- ▶ If the sear return spring is too weak or defective: the trigger must be returned to the factory for repair.

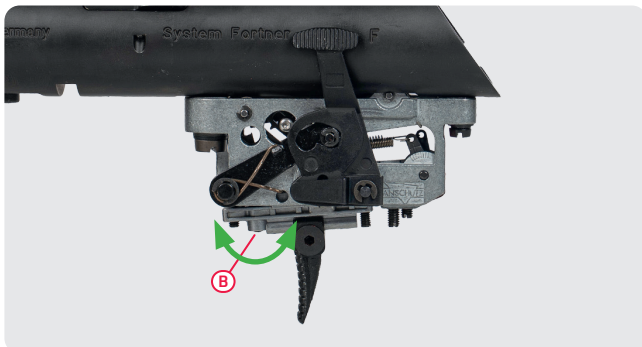


Fig. 43

TRIGGER MAINTENANCE

Bitte beachten Sie zusätzlich die allgemeinen Wartungshinweise des Gewehrs.

- ▶ Also observe the general maintenance instructions for the rifle.
- ▶ Keep the trigger dry and free of dust.
- ▶ The sears have been factory-lubricated by ANSCHÜTZ with a long-lasting grease.
- ✦ During maintenance do not allow dirt, solvent residues, greases or unsuitable oils to enter the trigger mechanism.

! IMPORTANT:
Never wash internal trigger parts out with spray or oil! This can cause gumming, sticking, or malfunctions. When cleaning the rifle, do not allow solvent residues, greases or unsuitable oils to enter the trigger.

TRIGGER MAINTENANCE INTERVAL

ANSCHÜTZ recommends that the trigger be inspected at least once per year by an authorized gunsmith.

During that inspection also check that the trigger mounting screws are properly tightened.

DRY-FIRE TRAINING DEVICE

- ▶ Set the safety lever to position (S3).
- ✓ The dry-fire training device is now active..



Fig. 44

! WARNING – RISK OF DEATH!
Never load live ammunition into the rifle while using the dry-fire training device! Dry-fire training devices must only be retrofitted and serviced by ANSCHÜTZ!!

! NOTE:
For dry-fire training we recommend using a buffer cartridge ("dummy") as an extra safety measure to prevent damage during dry-firing!

SYSTEM INSTALLATION AND STOCKADJUSTMENTS

ASSEMBLIES / TERMINOLOGY

Main components of model 1727 APR



Fig. 45

- 11. Trigger
- 12. Bolt
- 16. Receiver
- 19. Bolt sleeve
- 20. Forend
- 21. Barrel
- 26. Forend connection screw
- 27. Front stock-to-action screw
- 28. Rear stock-to-action screw

MOUNTING / DISMOUNTING SYSTEM AND STOCK

- ▶ Remove the magazine.
- ▶ Loosen and remove the system connection screws ("28", "27").
- ▶ Remove the bolt action system (19. Bolt sleeve, 21. Barrel, 11. Trigger) from the stock.

Reassemble in reverse order:

- ▶ Insert the bolt action system into the stock.
- ▶ Screw in the system connection screws.
- ▶ Tighten the front screw to 4 Nm, and the rear screw with the synthetic washer to 2.5 Nm.

NOTE:
 ANSCHÜTZ recommends re-checking and retightening these screws after some use. Before each shooting session verify the screws are secure.

ADJUSTING THE BUTTPLATE

The buttplate is height-adjustable.

- ▶ Loosen the knurled screw (2).



Fig. 46

- ▶ Set the desired height of the buttplate (1).



Fig. 47

- ▶ Re-tighten the knurled screw



Fig. 48

CAUTION – PROPERTY DAMAGE:
 Do not overtighten the knurled screw to avoid damaging the internal thread.

ADJUSTING THE CHEEKPIECE

The cheekpiece can be adjusted for height, cant and lateral offset.

Height adjustment:

- ▶ Loosen the lateral adjustment screw (5).



Fig. 49

- ▶ Set the desired height of the cheekpiece (5).



Fig. 50

- ▶ Re-tighten the adjustment screw. Torque max. 2 Nm.

CAUTION – PROPERTY DAMAGE:
Do not overtighten to avoid damaging the internal thread.

Cant and lateral offset:

- ▶ Loosen the adjustment screw (29) located on the top of the cheekpiece.



Fig. 51

- ▶ Set the desired cant and/or lateral offset.

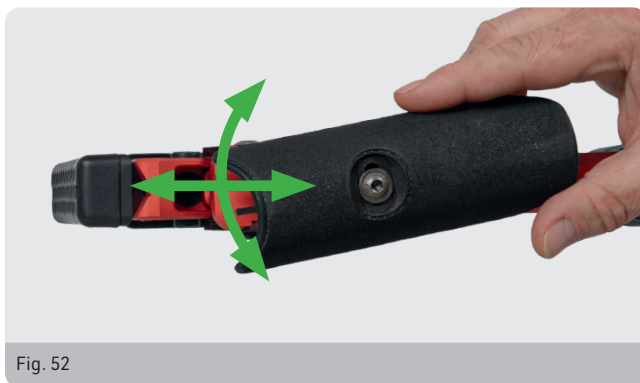


Fig. 52

- ▶ Re-tighten the adjustment screw. Torque max. 2 Nm.

CAUTION – PROPERTY DAMAGE:
Do not overtighten to avoid damaging the internal thread.

LENGTH OF PULL (LOP) ADJUSTMENT

The stock length is continuously adjustable to suit the shooter.

To adjust LOP:

- ▶ Loosen both adjustment screws



Fig. 53

- ▶ Use the hex key engaged under the cheekpiece to adjust.



Fig. 54

- ▶ Set the desired length of the buttstock.

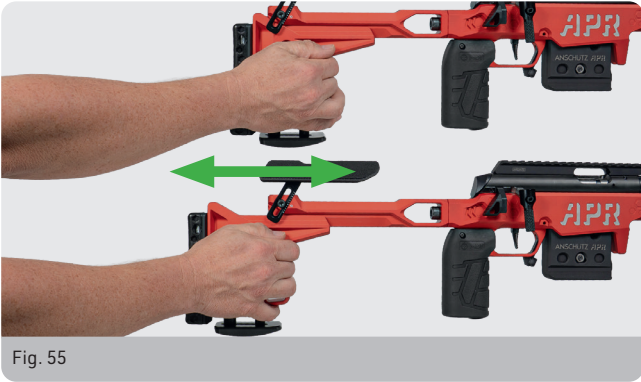


Fig. 55

- ▶ Re-tighten both adjustment screws to max. 2,5 Nm.

CAUTION – PROPERTY DAMAGE:
Do not overtighten to avoid damaging the internal thread.

BAG RIDER ADJUSTMENT (OPTIONAL)

A 1727 APR Bag Rider is available as an accessory. It can be operated, removed and reinstalled for use on the opposite side as follows.

Height adjustment:

- ▶ Press the push-button on the buttstock.



Fig. 56

- ▶ Set the Bag Rider height as desired.
- ▶ Release the push-button – the Bag Rider will lock in place automatically.



Fig. 57

Removing the Bag Rider:

- ▶ Press the push-button on both sides and move it to the center position.

CAUTION:
The Bag Rider may be ejected by spring tension. Risk of injury!!



Fig. 58

- ▶ The Bag Rider can now be removed.



Fig. 59

Reinstalling for operation on the other side:

- ▶ After removing the Bag Rider from the buttstock, remove the push-button assembly.
- ▶ Rotate the push-button assembly 180° horizontally and reinstall it.



Fig. 60

- ▶ Reinstall the Bag Rider in reverse order.

DISASSEMBLING THE STOCK (FOREND / MIDDLE / BUTT)

The stock can be broken down into its component parts (e.g., swap an aluminium forend to a competition steel stock)..

Removing the Buttstock:

- ▶ Remove the buttstock by loosening the buttstock retention screw.



Fig. 61



Fig. 62

- ✓ Buttstock is removed.
- ▶ To reassemble the buttstock, perform the above steps in reverse order.
- ▶ Tighten the screw to max. 8 Nm.

REMOVING THE FOREND

- ▶ Loosen the forend retention screw.



Fig. 63

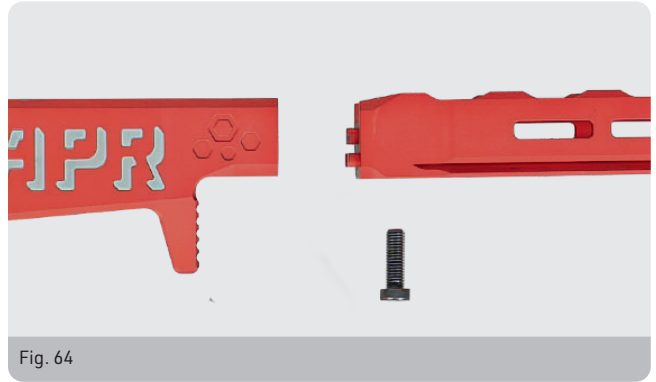


Fig. 64

- ✓ Forend is removed..
- ▶ Reassembly in reverse order.
- ▶ Tighten the retention screws to 6 Nm.

⚠ CAUTION – PROPERTY DAMAGE:
Do not overtighten to avoid damaging the internal thread.

MAG TUNER (AMT)

⚠ WARNING!
Magazine tuning must be performed with the bolt and an empty magazine installed. Ensure 100% that there is no live ammunition in the system, in the magazine, or in the chamber!

With the ANSCHÜTZ Mag Tuner you can precisely adapt the magazine to the bolt system to ensure reliable feeding.

- ▶ Loosen the tuning screws on both sides (1-2 turns).
- ▶ Insert an empty magazine.



Fig. 65

- ▶ Check chamber and magazine! There must be no cartridge in the chamber or magazine!
- ▶ Close the bolt. Again ensure there is NO cartridge in the rifle, system, magazine or chamber!



Fig. 66

- ▶ Carefully turn the left-hand screw (as oriented in barrel direction) clockwise until resistance is felt. The magazine will now be contacting the bolt.



Fig. 67

- ▶ Test whether the bolt can still be opened; it should open only with significant resistance or not at all.



Fig. 68

- ▶ Now turn the left-hand screw 1/4 turn counterclockwise.
- ▶ Open the bolt. If it opens without significant resistance, proceed to the next step. If not, turn the left-hand screw another 1/4 turn counterclockwise.
- ▶ Turn the right-hand screw clockwise to lock it against the left-hand screw until resistance is felt. Max. 1,5 Nm.



Fig. 69

- ▶ Check the bolt travel again.

NOTE: The straight-pull action of this rifle inherently shows a specific resistance during cycling; this resistance is a feature of the design and is not caused by magazine settings. Ideally test the native cycling resistance before adjusting the magazine.

- ▶ Depending on the ammunition used, fine-tuning may be necessary.

GRIP MOUNTING AND ADJUSTMENT



Fig. 70

The 1727 APR is supplied with an MDT Vertical Grip Elite. A detailed installation video is available:



The grip interface is a standard AR-15 grip interface. Using the ANSCHÜTZ grip screw, any commercially available AR-15 grip can be mounted.

STOCK MAINTENANCE AND CLEANING

NOTE:
 Also observe the general maintenance instructions! Keep the stock clean and dry. If wet: wipe with a soft cloth and allow to dry completely. If necessary remove the system from the stock. Use only care products suitable for wooden stocks.

NOTE:
 Firearm oils are not suitable for stock care. Do not apply stickers or foreign substances – these can damage the finish. Do not use solvents or unsuitable cleaning agents. Follow the instructions provided by care product manufacturers.

BARREL / MUZZLE THREAD

CLEANING THE MUZZLE THREAD

- ▶ Unscrew the thread cap from the muzzle thread



- ▶ Clean the muzzle thread with a soft, lint-free cloth and an appropriate cleaner.



- ▶ Lightly lubricate the muzzle thread with a ceramic lubricant.



Thread cap:

- ▶ Clean with a soft cloth.
- ▶ If necessary, lightly lubricate.
- ▶ Reassemble in reverse order

BARREL MAINTENANCE

NOTE:
 Observe the general maintenance instructions!

Use brushes and tools made for bore cleaning.

Light fouling:


- ▶ Lightly oil a plastic brush and pass it from the chamber end through the bore (21) (use the appropriate cleaning rod).


Heavy fouling:

- ▶ Use a bronze brush with a suitable bore cleaner.


Drying:

- ▶ Pull several wool patches through the bore
- ✓ Barrel is clean

 **ATTENTION:**
Never push and pull the brush back and forth inside the bore!!

 **NOTES:**
Follow the manufacturer’s instructions for the bore cleaner. After using ammonia-containing products, be sure to oil the barrel to prevent corrosion.

TROUBLESHOOTING

 **CAUTION – SAFETY FIRST!**
In case of any malfunction (e.g., failure to fire or any unusual weapon behaviour) proceed as follows:

- Immediately unload the firearm.
- Engage the safety.
- Do not continue to use the firearm.
- Immediately bring the firearm to a dealer or authorized gunsmith, or return it directly to ANSCHÜTZ.

DISPOSAL


Disposal of the firearm must be performed verifiably and properly by an authorized dealer or gunsmith.

MISCELLANEOUS

Further information and additional content can be found on the official ANSCHÜTZ website: www.anschuetz-sport.com

For current news about products, accessories and services subscribe to the free ANSCHÜTZ newsletter online.

Your rifle is delivered with a quality control card and an original test target..

 **NOTE – HYGIENE:**
Wash your hands thoroughly after each use. The rifle may carry oils, greases and other contaminants.

BALLISTIC PERFORMANCE / ACCURACY

Rifle accuracy depends on several factors, in particular:

- ▶ Ammunition used
- ▶ Optic and optic mounting
- ▶ Any accessories (e.g., suppressors, muzzle brakes)

Ammunition:

Not every barrel harmonizes equally well with every ammunition brand or lot.

- ▶ Variations in accuracy and point-of-impact can occur between manufacturers and even between lots of the same load.
- ▶ Test different types of ammunition – ideally under expert supervision.
- ▶ Only ammunition that is optimally matched to the rifle will guarantee maximum precision.


Optics:

- ▶ Mounting or manufacturing errors can significantly affect point of impact – e.g., parallax errors, loose or damaged reticles, unstable mounts.

Therefore use only high-quality branded optics and mounts and have them installed by a professional.

Accessories:

Accessories such as suppressors, muzzle brakes or optics can influence accuracy. These components should be selected and tested carefully.

 **NOTE:**
Each bolt is individually fitted to a specific rifle. To ensure accuracy and for safety reasons, bolts must not be interchanged between different rifles.

When ammunition, optic and mounting are optimally matched, ANSCHÜTZ guarantees excellent shooting performance. (Further details: see warranty card.)

WARRANTY CARD**ANSCHÜTZ**

EINFACH EINS WERDEN!

<<< **WARRANTY** >>>**1. Material:**

This product has been released for sale after the product itself, its materials and individual components have been subjected to strict inspection, or the rifle has demonstrated its durability and function during test shooting. J.G. ANSCHÜTZ GmbH & Co. KG offers a full guarantee covering material and manufacturing faults (excluding broken stocks and springs) for a period of two years, provided that the fault can be shown to have been present at the time of handover of the product. No warranty claims will be accepted by J.G. ANSCHÜTZ GmbH & Co. KG for faults that are the result of improper use or unauthorised repairs. The item will either be repaired or replaced at our discretion. Claims for compensation - put forward for any legal reason whatsoever - are excluded.

2. Shooting Performance:

The purchaser undertakes to inform J.G. ANSCHÜTZ GmbH & Co. KG in writing of any faults detected in shooting performance within one month of purchase with the submission of their own shooting record. J.G. ANSCHÜTZ GmbH & Co. KG reserves the right to transfer the rifle to an independent agency for inspection (DEVA or a national ballistics office). Should such an agency confirm excellent shooting performance, J.G. ANSCHÜTZ GmbH & Co. KG is entitled to charge the purchaser the costs of the rifle inspection. The accepted warranties do not apply to rifle damage resulting from mechanical effects and improper use or care by the purchaser. The warranty is excluded if the rifle has been repaired or modified by unauthorised persons. Likewise, the warranty is cancelled when using reloaded ammunition or ammunition which is not CIP approved.

In the event of a warranty/damage claim please enclose this card, completed and signed by your dealer, with the product.

J.G. ANSCHÜTZ GmbH & Co. KG · Jagd- und SportwaffenfabrikPostfach 1128 · D-89001 Ulm/Germany · www.anschuetz-sport.com**Serial-No.:****Date:****Bought at:**

ANSCHÜTZ

EINFACH **EINS** WERDEN!

J.G. ANSCHÜTZ GmbH & Co. KG
Jagd- und Sportwaffenfabrik

Daimlerstraße 12 · 89079 Ulm / Germany

Fon +49 - (0)731 - 40 12 - 0

Fax +49 - (0)731 - 40 12 - 700

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