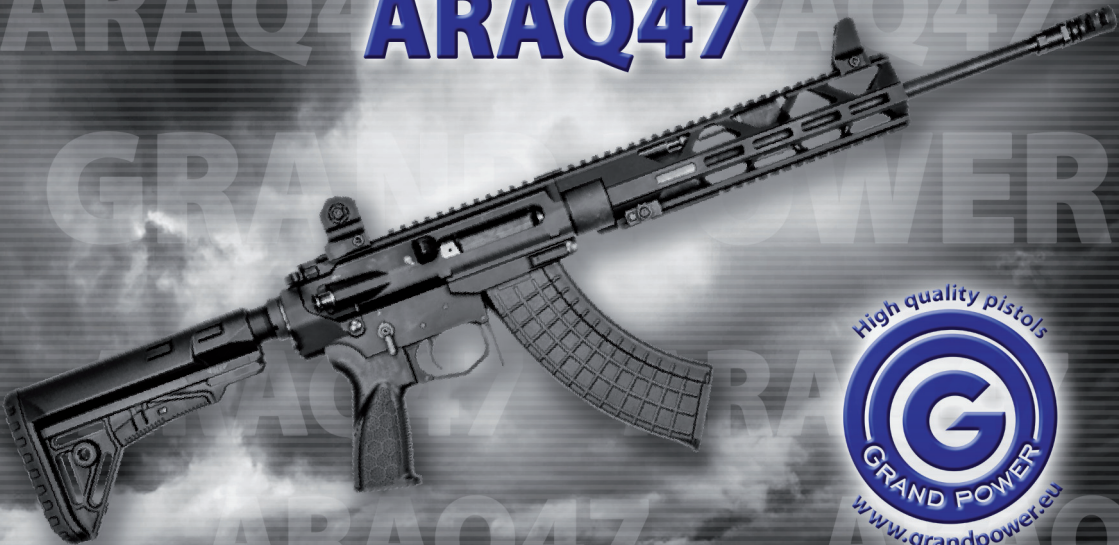


ARAQ47



INSTRUCTION SAFETY MANUAL

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2. Basic Description

The GRAND POWER ARAQ-S / ARAQ47 is a modern select fire rifle chambered in 7,62x39 caliber. Being an M4/AR10 based design the manual of arms is closely similar to that of a regular M4/AR15 pattern rifle. The ARAQ47 is piston driven, being a robust and reliable solution best suited for use in armed forces.

The barrels of ARAQ rifles are nitride/QPQ treated for excellent accuracy, longevity, and corrosion resistance. The muzzles are threaded and allow the user to equip muzzle devices of their choice. As standard the rifles are equipped with a two-chamber muzzle brake.

The rifles ship without iron sights allowing the user to mount their choice of optical sights. Flip-up sights as well as robust iron sights are also available.

3. Main features

Modular design.

Free float handguard.

Modern layout of controls.

Short stroke piston operation.



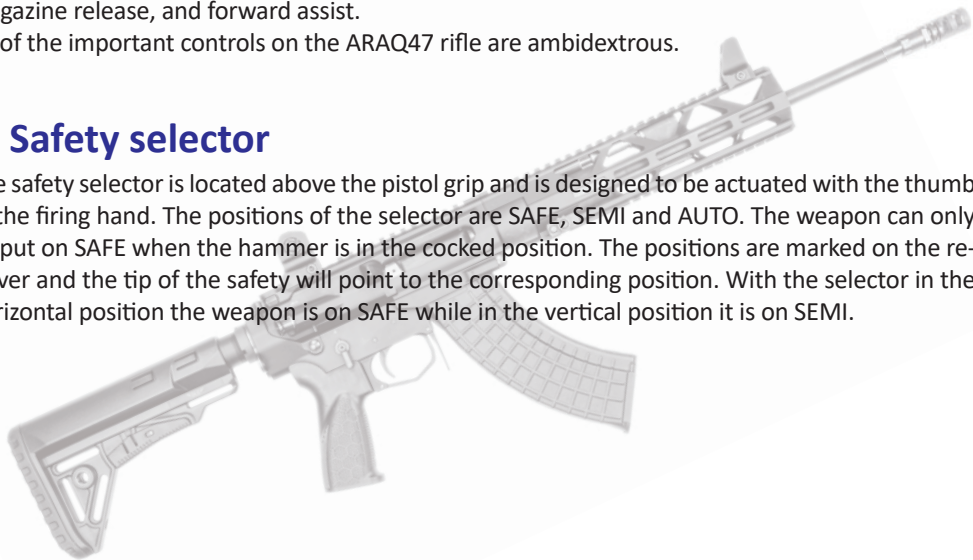
4. Basic controls

The basic controls on an ARAQ47 rifle consist of the charging handle, safety selector, trigger, magazine release, and forward assist.

All of the important controls on the ARAQ47 rifle are ambidextrous.

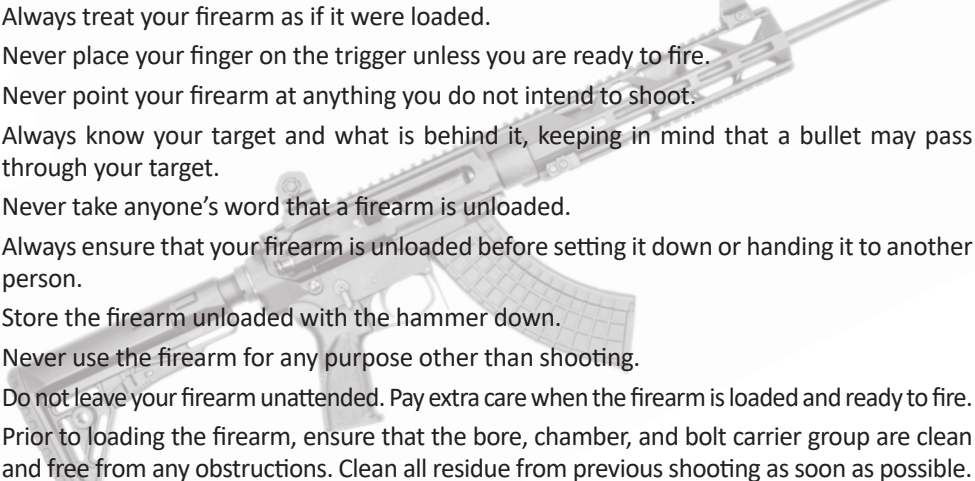
5. Safety selector

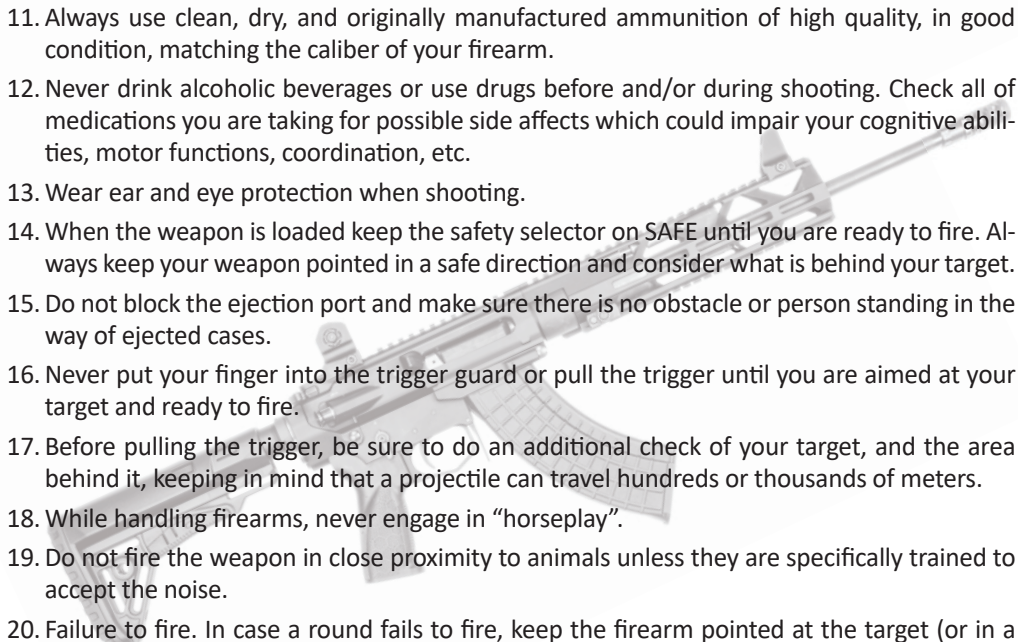
The safety selector is located above the pistol grip and is designed to be actuated with the thumb of the firing hand. The positions of the selector are SAFE, SEMI and AUTO. The weapon can only be put on SAFE when the hammer is in the cocked position. The positions are marked on the receiver and the tip of the safety will point to the corresponding position. With the selector in the horizontal position the weapon is on SAFE while in the vertical position it is on SEMI.



6. BASIC SAFETY RULES

ALWAYS FOLLOW THESE SAFETY INSTRUCTIONS FOR YOUR SAFETY AND THE SAFETY OF OTHERS!

1. Always treat your firearm as if it were loaded.
 2. Never place your finger on the trigger unless you are ready to fire.
 3. Never point your firearm at anything you do not intend to shoot.
 4. Always know your target and what is behind it, keeping in mind that a bullet may pass through your target.
 5. Never take anyone's word that a firearm is unloaded.
 6. Always ensure that your firearm is unloaded before setting it down or handing it to another person.
 7. Store the firearm unloaded with the hammer down.
 8. Never use the firearm for any purpose other than shooting.
 9. Do not leave your firearm unattended. Pay extra care when the firearm is loaded and ready to fire.
 10. Prior to loading the firearm, ensure that the bore, chamber, and bolt carrier group are clean and free from any obstructions. Clean all residue from previous shooting as soon as possible.
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11. Always use clean, dry, and originally manufactured ammunition of high quality, in good condition, matching the caliber of your firearm.
 12. Never drink alcoholic beverages or use drugs before and/or during shooting. Check all of medications you are taking for possible side effects which could impair your cognitive abilities, motor functions, coordination, etc.
 13. Wear ear and eye protection when shooting.
 14. When the weapon is loaded keep the safety selector on SAFE until you are ready to fire. Always keep your weapon pointed in a safe direction and consider what is behind your target.
 15. Do not block the ejection port and make sure there is no obstacle or person standing in the way of ejected cases.
 16. Never put your finger into the trigger guard or pull the trigger until you are aimed at your target and ready to fire.
 17. Before pulling the trigger, be sure to do an additional check of your target, and the area behind it, keeping in mind that a projectile can travel hundreds or thousands of meters.
 18. While handling firearms, never engage in “horseplay”.
 19. Do not fire the weapon in close proximity to animals unless they are specifically trained to accept the noise.
 20. Failure to fire. In case a round fails to fire, keep the firearm pointed at the target (or in a

safe direction) and wait at least 30 seconds. In case of a delayed ignition, the round should detonate within 30 seconds. If the round still does not go off, remove the magazine and eject the round by pulling the charging handle rearward. Check the primer of the ejected round. If the primer strike is weak, not in the center of the primer or there is no strike, get your firearm assessed by a qualified gunsmith. If pulling the charging handle (repeatedly if necessary) fails to eject the round, take your firearm to a qualified gunsmith, bearing in mind that the firearm is always loaded!

21. Before cleaning, storage or transport of the firearm always make sure that the gun is not loaded.
22. Store your firearm separately from your ammunition. Keep your firearm and ammunition safely locked, out of the reach of children and unauthorized persons.
23. Do not alter any part of your firearm as this could seriously impair the firearm's proper operation and/or safety.
24. Remember that corrosion, use of damaged ammunition, dropping the firearm on a hard surface or other rough treatment may cause damage that may not be visible at first sight. In case of such an event have your gun inspected by a qualified specialist.

7. INSTRUCTIONS FOR USE

7.1 Ammunition

Only use high quality, originally manufactured ammunition, in good condition, which matches the caliber of your firearm, in accordance with CIP or SAAMI specifications. Using non-standard ammunition can cause damage to the firearm and/or injury to the shooter. Using anything other than factory ammunition also voids the warranty.

7.2 Removing the magazine

The magazine release paddle is located on the underside of the lower receiver, just behind the magazine. The paddle is placed to be naturally ambidextrous and meant to be activated by the support hand thumb. Push the magazine release paddle and push the magazine forward with the palm of your hand.

7.3 Loading the magazine

Hold the magazine with the feed lips facing up. Place a round on top of the magazine follower and press down with your thumb. Place another round onto the previous one and press down. Make sure each round of ammunition is seated all the way to the rear of the magazine so that the bullets do not scrape the front of the magazine body. Do not try to exceed the magazine capacity as this may cause a malfunction.

7.4 Loading the firearm

WHEN LOADING THE FIREARM ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION!

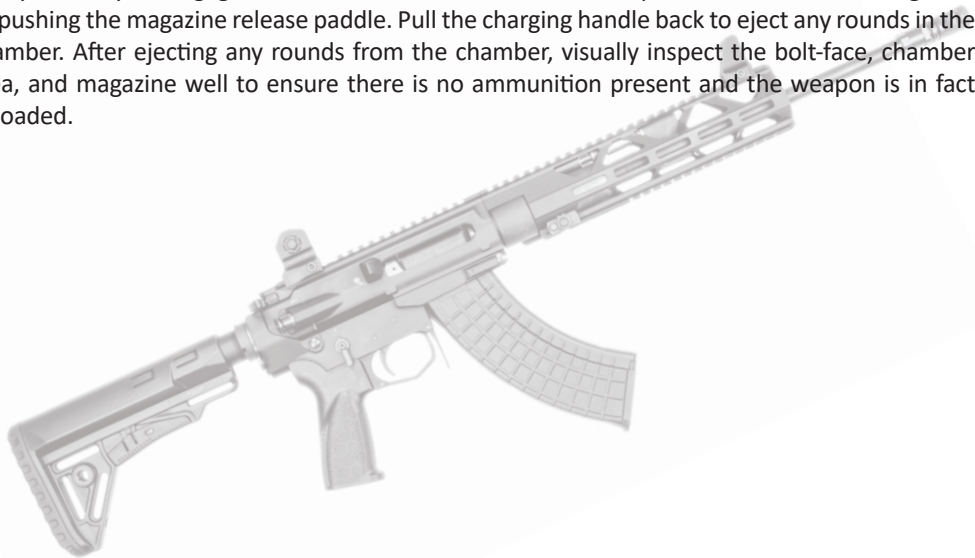
Insert a loaded magazine at an angle to hook the front magazine tab into the magazine well, and then rock it back until the rear magazine tab engages with the magazine release paddle and the magazine clicks into place. To make sure that the magazine is securely held in place, push the magazine forward to ensure it is held in securely. Pull the charging handle to the rearmost position, visually check the ejection port and the chamber area for any obstructions, and then fully release the charging handle. Do not impede the return of the charging handle. If the bolt does not go fully into battery, push on the forward assist (several times, if necessary) until the bolt fully locks. Your firearm is now loaded

7.5 Reloading during shooting

When you fire the last round in your magazine the bolt may stay locked back (if your AK magazine is equipped with a LRBHO function). Eject the empty magazine and put in a loaded one. It is recommended, to ensure that the magazine is fully locked in, to lightly push the magazine forward. Pull the charging handle to the rear to load a new round. The firearm is now loaded and ready to fire again.

7.6 Unloading the firearm

If possible, put the weapon on SAFE and always point it in a safe direction. Please note that the safety can only be engaged when the hammer is in the cocked position. Remove the magazine by pushing the magazine release paddle. Pull the charging handle back to eject any rounds in the chamber. After ejecting any rounds from the chamber, visually inspect the bolt-face, chamber area, and magazine well to ensure there is no ammunition present and the weapon is in fact unloaded.



8. MAINTENANCE INSTRUCTIONS

8.1 Disassembly

1. Remove the magazine
2. Verify that there is no round in the chamber or the magazine well
3. Push out the rear takedown pin from left to right. Keep in mind that the pin is captive. The upper and lower receivers will swing apart. Push out the pivot pin and the upper and lower receivers will come apart.
4. The lower receiver can now be inspected and cleaned as necessary but no further disassembly is required.
5. On the upper receiver pull the charging handle and pull out the bolt carrier group. The charging handle can then be removed by pulling back and lifting it out of the cut outs in the charging handle track in the receiver.
6. The bolt is removed by pulling out the firing pin retaining pin (it can be started by using the tip of a bullet or a pin punch). Now the firing pin can be removed from the bolt carrier (if the firing pin does not drop out, you can lightly tap the bottom of the bolt carrier and the firing pin will drop out. With the firing pin out, you can now rotate and lift out the cam pin out of its track. The bolt can now be pulled out of the front of the carrier.
7. The firearm is now disassembled for maintenance.

8.2 Reassembly

1. Reassembly is the reverse of disassembly.
2. First reinsert the bolt into the bolt carrier. Reinsert and rotate the cam pin so that you can insert the firing pin. Reinstall the firing pin retaining pin.
3. Insert the charging handle into the upper receiver. Leave the charging handle partially out so that you can insert the bolt carrier group.
4. Make sure that the bolt is fully forward, otherwise you will not be able to insert it into the upper receiver.
5. Push the bolt carrier group all the way forward until the charging handle latch locks into the notch in the receiver.
6. Line up the holes on the upper and lower receivers and push the pivot pin into place. now reinstall the takedown pin.
7. Perform a functions check by pulling the charging handle to the rear and after visually making sure through the ejection port that no ammunition is present in the chamber or magazine well, dry fire the weapon, making sure that the muzzle is always pointing in a safe direction.

8.3 Cleaning of the firearm and inspection

8.3.1 Bolt – take out the extractor by pushing out the extractor pin. You can use the firing pin to push out the pin. With the extractor removed check the rubber O-ring. It should not be damaged. Check and clean the extractor claw groove which holds the rim of the cartridge. Clean any fouling in the extractor groove and visually inspect for cracks or other damage.

Clean the bolt face and the locking lugs. Visually inspect the locking lugs for cracks or other damage.

Clean and inspect the cam pin. Normal wear is to be expected but inspect for any cracks. If cracks are present, replace the cam pin. Inspect the cam pin hole on the bolt and make sure that there are no cracks present. If you see cracks, replace the bolt.

Clean the inside of the bolt carrier – you can use a cleaning patch on a cleaning rod.

Clean the upper receiver with an oily rag, take out the charging handle and clean it. Wipe the gas tube which protrudes into the upper receiver.

Now clean the barrel extension and the chamber – use correct caliber brush. Next clean and inspect the barrel. You can use a bore snake or a cleaning rod with a patch.

Clean the lower receiver. Use compressed air to clean out fouling and use a rag to clean the rest. If necessary, take out the buffer and spring. Depress the buffer retainer and remove the buffer assembly. You can wipe the buffer spring with a rag and subsequently apply a thin coat of oil.

8.3.2 Lubrication

Two passes with an oily patch or a bore snake are sufficient to clean and lubricate the bore. Since the barrel has a nitrided finish, the bore does not need to be kept especially wet. Before shooting make sure to wipe the chamber and bore dry.

Upper receiver – lubricate the charging handle and reinsert it to the charging handle track. Lubricate all of the contact surfaces – everywhere where it comes into contact with the moving bolt carrier.

Bolt carrier and bolt. Lubricate the surface of the bolt, especially on surfaces which show normal wear. Lubricate the bolt lugs and the entire surface of the bolt. Liberally lubricate the cam pin and the cam pin hole.

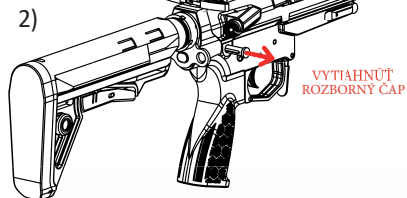
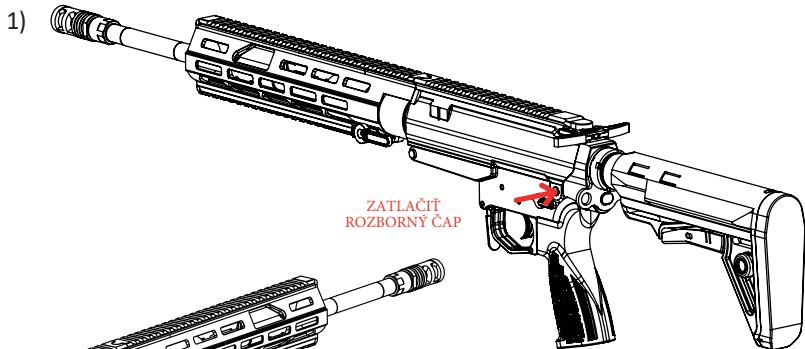
8.4 Disassembly of the piston assembly

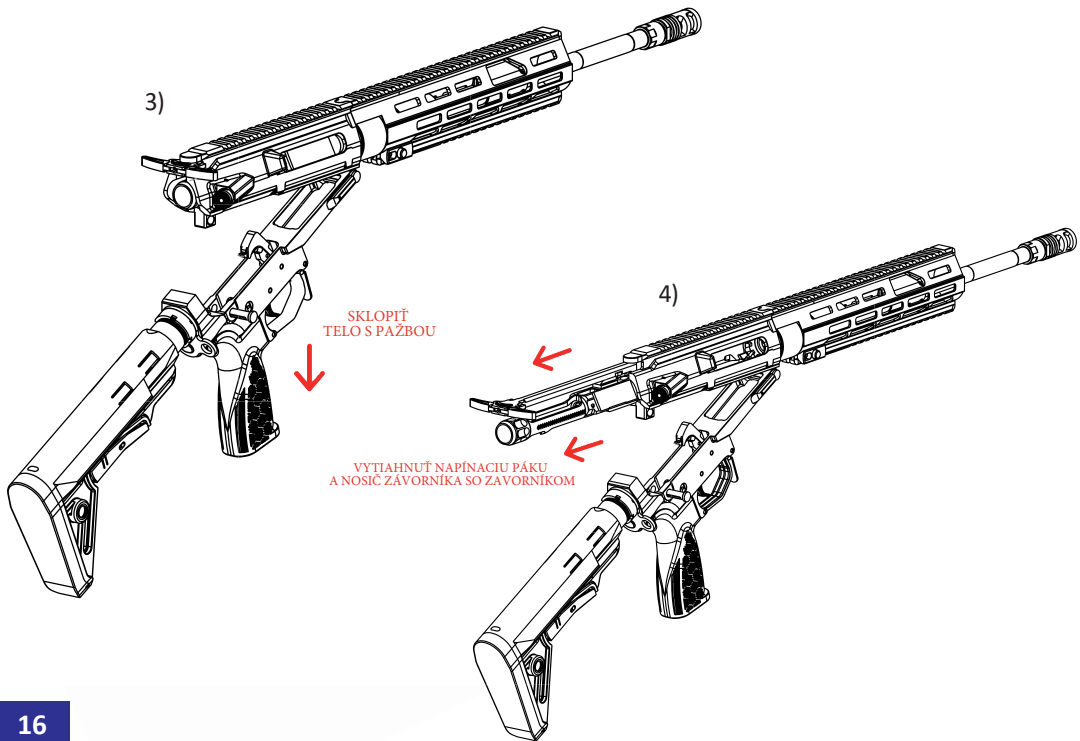
The piston assembly can be disassembled for cleaning. To remove the piston assembly, after checking that the firearm is unloaded, start by removing the handguard. The handguard is removed by pushing down the handguard lever detent and rotating the lever by 180 degrees. Next, remove the bolt and carrier completely from the upper receiver.

To disassemble the piston assembly, start by grabbing the piston rod detent and pulling downward until you can separate the piston rod from the tappet. Move the piston rod sideways and lift it out of the receiver. Now pull out the tappet from the rear of the gas block. The gas system can now be cleaned as necessary.

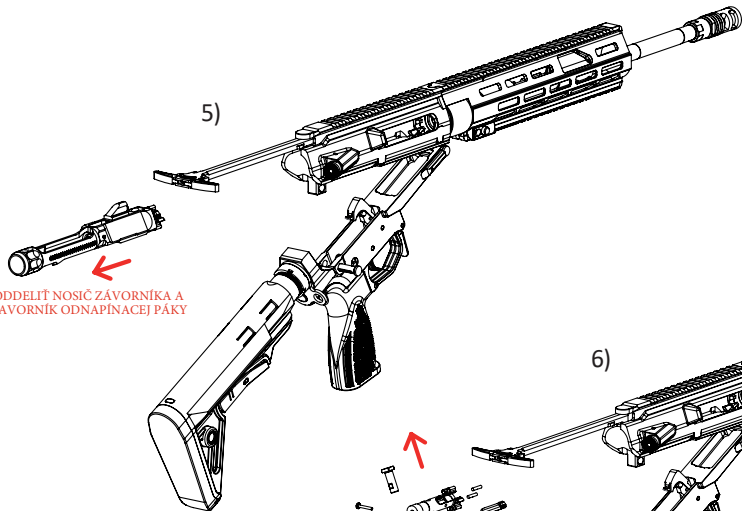
After cleaning, reassemble the piston system in the reverse order of disassembly. Reinsert the

tappet into the gas block. Next, insert the piston rod into the upper receiver and pull down on the piston rod detent until it can be reinserted into the tappet. Reinstall the handguard.



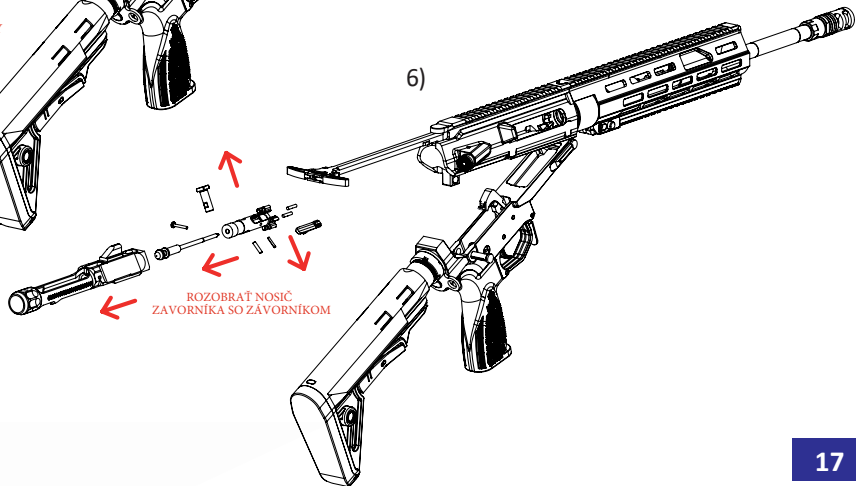


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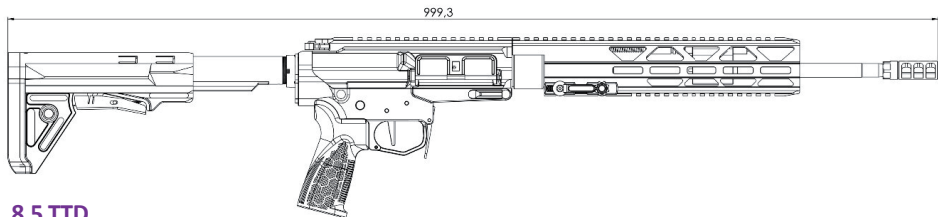
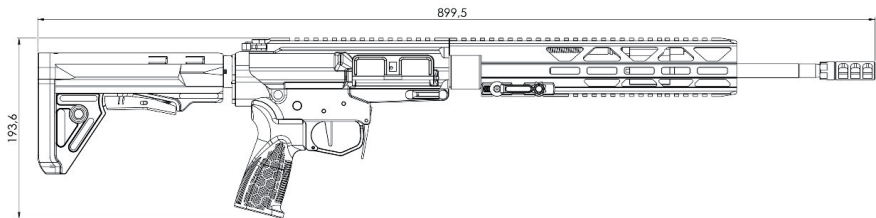
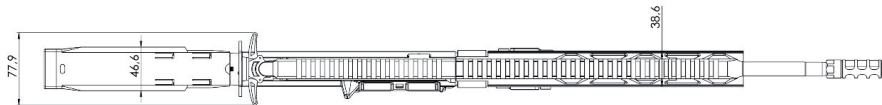


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ROZOBRAŤ NOSIČ
ZÁVORNÍKA SO ZÁVORNÍKOM



8.5 TTD

Weight w/o magazine: 3420g

Effective range: 600m

Shooting modes: semi/full auto

Caliber: 7,62x39

Width / at widest point: 78/44mm

Overall length w/ extended stock: 899/999mm



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