

AT-47 OWNER'S MANUAL



7.62x39



AMERICAN TACTICAL

General Warnings

Be certain this owner's manual is available for reference and is kept with this firearm if transferred to another party. If the manual is lost or misplaced, contact American Tactical for a free replacement copy.

After performing any work on your firearm such as cleaning, adjustments, disassembly, or installation of any accessory, the firearm should be checked for proper functioning before firing live ammunition.

Firearms are complex mechanisms. Any modification, alteration, or improper fitting of parts may result in a dangerous malfunction, damage to the firearm and injury to the shooter and/or other persons. The firearm's owner is responsible for the correct reassembly and functioning of the firearm after any disassembly or replacement of parts.

If you do not understand any of the material in this manual or have any questions, contact American Tactical or a qualified gunsmith directly.

Do not attempt to load or use any firearm until you have read and understood the information contained in its owner's manual. Before handling your firearm, you should learn how it operates and how to maintain it. This includes knowing its basic parts, how the manual safety and other safety features operate, how to safely open and close the firearm, and how to safely load and unload ammunition from the firearm. Improper use and handling is dangerous and could cause serious injury or death to you or those around you. All users of the firearm must become thoroughly familiar with the warnings and instructions in this manual.

As the owner of a firearm, you must undertake the full-time responsibility of safe firearms handling and storage for your own safety and the safety of those around you:

- Keep all firearms and ammunition out of the reach of children.
- Store your firearms and ammunition separately.
- Never store a loaded firearm.
- Never leave a loaded firearm unattended.
- Never transport a loaded firearm in a vehicle.
- Unload your firearm when you have stopped shooting and when you have to climb a tree, fence, cross a slippery surface or have to transport it in a vehicle.
- Do not load your firearm before you are in a place where it is safe to shoot, and keep your finger off the trigger until you are on target and have decided to fire.



General Warnings

- Never shoot at water, rocks or any hard surfaces. Shots may glance off such surfaces and cause injuries.
- Do not use alcohol or drugs before or while handling firearms.
- Do not touch the trigger while the safety button is being engaged or disengaged.

Always point the muzzle of your firearm in a safe direction, regardless of whether the firearm is loaded or unloaded.

Always treat every firearm as if it were loaded. Give your firearm to someone with the action open and safety fully rearward in the “ON” (SAFE) position, after you verify the firearm is unloaded. Insist on the same procedure when receiving a firearm from someone else. Learn the location of all the safety features of your firearm and how they operate.

Wear eye and ear protection when shooting. Shooting without proper ear protection can cause hearing damage. The use of eye protection during any type of shooting is important to protect your vision.

WE SPECIFICALLY DISCLAIM ANY RESPONSIBILITY FOR DAMAGE OR INJURY WHATSOEVER OCCURRING IN CONNECTION WITH, OR AS A RESULT OF, THE USE OF FAULTY, OR NON-SAAMI STANDARD, OR “REMANUFACTURED” OR HAND-LOADED (RELOADED) AMMUNITION. ADDITIONALLY, WE DISCLAIM ANY RESPONSIBILITY FOR DAMAGE OR INJURY WHICH RESULTS FROM ANY MODIFICATIONS OR CHANGES THAT ARE NOT A PART OF THE FIREARM AS DELIVERED FROM THE FACTORY.

Learn to clean your firearm thoroughly and make certain no oil, grease, or other materials are blocking the barrel. Obstructions of any kind can cause damage to the firearm and may result in serious personal injury to the shooter and/or others nearby.

Practice proper firearm maintenance and safety. Make sure all exposed metal surfaces are coated with a thin film of oil, especially after being exposed to damp weather. (See proper section of this manual for cleaning instructions.) Do not plug barrel or store in a fabric-lined case that will absorb lubricants from the firearms. Before using after storage, follow complete instructions stated in this manual for re-familiarization with the firearm. A thorough inspection should be performed before going into the field. Have your firearm periodically checked by a qualified gunsmith.

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Read and understand this entire manual and its safety warnings before handling your firearm.

MECHANICAL SAFETY


Mechanical Safety:  When the lever is set to 'F' the firearm is set to 'Fire', when the lever is set to 'S' (up, as shown) the firearm is set to 'Safe'.



Fig. 1

ASSEMBLY

GENERAL INFORMATION:

The following instructions should be observed during disassembly and assembly.

1. Before the rifle is disassembled, make sure there is no ammunition in the chamber or magazine.
2. The rifle should be disassembled on a table or bench.
3. The parts should be laid out in order of disassembly.
4. Force should not be used to remove or disassemble parts, as it may result in damage to the parts.
5. Only accessories in good condition should be used.
6. When tightening or loosening screws, hold the screwdriver firmly to prevent damage to the screw heads

FIELD STRIPPING

NOTE: Ensure the rifle and magazine are not loaded.

The following instructions should be observed during disassembly and assembly.

1. Remove the magazine from the rifle by holding the rifle fore end with the left hand, rotate the rifle a certain amount, pushing the magazine away, grasp the magazine with the right hand, and depress the magazine catch with the thumb of the right hand, rotate the magazine forward and remove it from the receiver hole (Fig. 1)
2. Take the rifle off safety. Rotate the safety lever downward as far as possible with the thumb of the right hand.
3. Check to see that there is no ammunition in the chamber. Pull the bolt carrier to the rear and inspect the chamber and bolt face.
4. Remove the cleaning rod from the rifle. Place the stock on the ground and hold this position by using the right hand and, bending it slightly, remove the cleaning rod head from the stop in the base of the front sight, move the cleaning rod upward so that its head leaves the forward face on the front sight, remove the cleaning rod with the right hand (Fig. 2).



Fig. 2

5. Remove the receiver Cover. Lean the rifle against a table and hold the forward part of the butt with the right hand, depress the guide face with the thumb into the cover hold and raise the cover with the left hand (Fig. 3).



**Fig. 3**

6. Remove the bolt return mechanism from the rifle. Holding the rifle by the forward portion of the receiver with the left and, move the return spring guide forward until its rear face leaves the groove in the receiver rear plate, lift the guide rear face and remove the bolt return mechanism from the bolt carrier channel (Fig. 4).

**Fig. 4**

7. Remove the bolt carrier with bolt from receiver. Holding the rifle by the forward portion of the receiver with the left hand, and the cocking handle with the right hand, bring the bolt carrier with bolt to the rear as far as possible, and moving the bolt carrier forward a distance of 1 to 2 mm. Lift the rear portion of the bolt carrier and remove it together with the bolt from the receiver.
8. Remove the bolt from the bolt carrier. Take the bolt carrier in the left hand with the cam surface facing upward, and rotate the bolt a small amount with the right hand so that the guide lug laves the wide part of the variable groove in the bolt carrier and then move to the rear as far as possible, rotating the bolt, remove its lug from the variable groove of the bolt carrier and remove the bolt carrier. Remove the bolt from the bolt carrier by moving it forward (Fig. 5).

FIELD STRIPPING CONT.**Fig. 5**

9. Remove the gas tube with the hand guard from the barrel. Holding the rifle by the forward portion of the receiver with the left hand, rotate the lock lever upward with the right hand, rotate the gas tube upward by means of the rear end receiver and remove it from the gas cylinder.

ASSEMBLY AFTER STRIPPING

1. Attach the gas tube with the hand guard to the barrel. Holding the rifle by the forward portion of the receiver with the left hand, install the gas tube on the gas cylinder with the right hand and depress the rear end of the gas tube as much as possible, rotate the gas tube lock downward so that the lever lock enters the recess in the right wall of the rear sight base.
2. Attach the bolt to the bolt carrier. Grasp the bolt carrier with the left hand with the cam surfaced upward, and with the right hand install the bolt in the bolt carrier lug, rotate the bolt so the guide edge enters the variable groove in the bolt carrier, and then move the bolt upward.
3. Install the bolt carrier with bolt in receiver. Hold the rifle by the forward portion of the receiver with the left hand, and with the thumb of the right hand, hold the bolt in the forward position, then insert the piston into the gas tube and insert the bolt carrier with the bolt into the receiver so that the guide lug of the bolt carrier and the lugs of the bolt are opposite the notches in the guide on the receiver, depress the rear portion of the bolt carrier so that its guide grooves coincide with the guides of the receiver, and move the bolt carrier to the extreme forward position (Fig. 6).



ASSEMBLY AFTER STRIPPING CONT.**Fig. 6**

4. Install the return mechanism in the bolt carrier. Hold the rifle by the forward portion of the receiver with the left hand, and with the right hand insert the return mechanism into the bolt carrier channel, move the return mechanism rear face forward and placing its guide lugs opposite, the rear faces should enter the groove in the receiver rear plate.
5. Install the cover on the receiver. Hold the rifle by the forward portion of the receiver with the left hand, and with the right hand insert the cover so that its forward face enters to semicircular groove in the rear sight base and move the cover forward as far as possible, press the rear portion of the cover forward and downward, thus completing the installation.
6. Install the cleaning rod in the rifle.
7. Install the magazine in the rifle. Hold the rifle by the fore end with the left hand, and rotate the rifle a certain amount, insert the upward forward portion of the magazine into the opening in the receiver with the right hand so that the magazine front stop enters the notch in the receiver, rotate the magazine to the rear so that the magazine catch is engaged by the magazine rear stop (Fig. 7).

**Fig. 7**

8. Release the hammer from the semiautomatic sear, and turn on the safety, rotate the selector lever upward.

MISFEEDING

GENERAL PROCEDURE FOR PREVENTING MISFEEDING:

With proper maintenance, storage and handling; the rifle is reliable in use. However, as a result of careless handling, dirty parts, low-grade rounds, and also as a result of wear of the parts caused by extensive use, normal operation of the rifle can be affected, causing stoppages during fire. The majority of stoppages can be easily eliminated simply by cocking the rifle that is by bringing to the rear the bolt carrier and releasing it.

If at any time during firing, the sound of any round is noticeably louder or softer than the previous rounds fired, STOP! Do not load or fire additional rounds until you have moved the safety button fully downward to the "ON" (SAFE) position. Safely unload your firearm and inspect it for possible damage or an obstruction in the chamber or bore. (The bore is the inside surface of the barrel.) Firing a firearm with a bore obstruction can cause damage to the firearm and may result in serious personal injury to the shooter and/or others nearby.



FUNCTION TESTING

After performing any work on your firearm such as cleaning or disassembly and assembly, check your firearm for proper functioning before loading or firing live ammunition.

Visually and physically check to be sure the firearm is completely unloaded, and keep the firearm pointed in a safe direction at all times.

IF YOUR FIREARM DOES NOT PERFORM AS DESCRIBED IN ANY OF THE PREVIOUS STEPS, CONTACT THE FACTORY AUTHORIZED PRODUCT SERVICE CENTER IMMEDIATELY. DO NOT ATTEMPT TO USE THE FIREARM.

Firearms are complex mechanisms. Any modification, alteration, or improper fitting of parts may result in a dangerous malfunction, damage to the firearm and injury to the shooter and/or other persons. The firearm's owner is responsible for the correct re-assembly and functioning of the firearm after any disassembly or replacement of parts.

If you do not understand any of the information in this manual or have any questions, contact the Customer Service Center or a qualified gunsmith.

Should your firearm, or any component of your firearm require service, kindly ship your entire firearm (please do not send components only), via your chosen carrier, postage paid (we do not accept C.O.D. shipments), following these instructions:

SERVICE

You **MUST** email customer service **FIRST** at techservice@americantactical.us and provide a detailed description of the problem. Be sure to provide make, model, and serial number of the firearm, as well as the owner's name, address (no P.O. boxes please), and phone number. A customer service agent will contact you normally within one business day. You will then receive a service repair tag that must be attached to each firearm by matching the serial number on the tag to your firearm. There will be a claim check number on the tag that must be detached from the tag and taped firmly to the outside of the return package near the shipping label. Returns will be refused without this tag visibly showing on the outside of the package. Also, be sure to carefully follow all instructions listed below:

- **Make absolutely certain your firearm is unloaded.**
- Do not send ammunition with your firearm.
- Remove all accessories from your firearm such as scopes, slings, mounts, etc.
- Ship your firearm in a suitable container, packaging it securely to prevent parts from shifting and/or harm during shipping.
- It is advisable to place your correspondence inside your shipping container when shipping.
- Tape the control number stub on the outside of the package as described above.

SHIPPING ADDRESS

American Tactical Imports
100 Airpark Drive
Rochester, New York 14624
Attn: Service

If you have any questions, please contact the Product Service Center by email at techservice@americantactical.us.



TO ORDER PARTS FROM THE FACTORY SERVICE CENTER

To order parts, you can fax, phone, mail, or e-mail your order to us at one of the below numbers/addresses.

Fax Number: (830) 773-5893
Phone Number: (800) 290-0065
E-mail Address: customerservice@americantactical.us
Mailing Address: American Tactical
Attn: Service
100 Airpark Drive
Rochester, New York 14624

Please provide your name, address, city, state, zip, your daytime phone number and e-mail address. We will need the Model #, Serial #, Gauge/Caliber, Finish, Part # and Part Name.

We accept most major credit cards, money orders, and bank drafts.

Service Outside of the U.S.A.

For American Tactical International firearm parts and service requirements outside of the United States, customers are requested to contact the closest American Tactical International stocking dealer/distributor.

Warranty Policy & Procedure

American Tactical Imports provides limited 2 year warranty services, parts, and repairs for our firearms. If you believe your ATI product or ATI brand product needs service or replacement, please email techservice@americantactical.us. In said email, be sure to provide: make, model, serial number, and caliber of the firearm in question; as well as the owner's name, address, city, state, zip, email address and phone number. One of our representatives will assist you and provide further instructions.

All returns for service or repair require a Return Authorization (RA) number to be issued by an ATI representative. No returns for service will be accepted without an ATI issued RA number written clearly on the outside of the package. Any items received without an ATI issued RA number will be returned to the sender without action. *SEE "SERVICE" ON PAGE 12.*

Service time frame may vary due to service queue and availability of parts from foreign manufacturers. It is the responsibility of the consumer to ship any firearms or products to ATI for service. All firearms must be registered online at www.americantactical.us before an ATI representative can issue a return authorization number. If an item received is outside of warranty coverage, an ATI representative will contact you before further action is taken.

The warranties covered by ATI are implemented and monitored by the various manufacturers of all ATI products. ATI reserves the right to deny or decline any warranty services or products that do not meet the warranties implemented by our manufacturers.

If you are returning a rifle or shotgun for service, you may ship to ATI via US Postal Service or any parcel delivery service directly to ATI.

If you are returning a pistol, it is the responsibility of the owner to contact a local FFL to ship to ATI. All warranty service information must be provided by the FFL who is shipping the pistol.

All firearms returned to ATI for service can only be shipped back to the original senders address. Change of return shipping address once received is not authorized. Pistols can only be shipped to and from FFL locations.



What is not covered under warranty?

We will not cover damage of your AT47 caused by:

- Failure to provide proper care and maintenance
- Accidents, abuse or misuse
- Barrel obstruction
- Hand loaded, reloaded or improper ammunition
- Unauthorized adjustments, repairs or modifications
- Normal wear and tear

What is excluded from this warranty?

American Tactical Imports excludes and will not pay incidental or consequential damages under this warranty. By this we mean any loss, expense or damages other than to repair defects in the AT47 or replace the AT47. No implied warranties extend beyond the term of this written warranty. This AT47 warranty is established effective November 1, 2009.

PLEASE REGISTER YOUR FIREARM'S WARRANTY ONLINE AT:

www.AmericanTactical.us

With proper care and handling, your American Tactical™ firearm will provide you with years of dependable service. Your firearm should be inspected and cleaned periodically to insure that it remains in good condition. Clean your firearm as soon as possible after each use. This is especially important if your firearm has been exposed to moisture.

Use the instructions and equipment provided with a quality gun cleaning kit.

All metal parts should be cleaned with an appropriate gun cleaning solvent and lightly lubricated with gun oil. Over lubrication should be avoided. Use only lubricants specifically designed for firearms. Avoid the use of abrasives, which may damage the metal finish.

Scrub the bores and chambers with solvent and follow with cleaning patches until the barrels are clean. A final pass with a lightly oiled patch will provide a protective coating. Clean and remove any deposits in the barrels.

Lead deposits and residue can be dangerous to your health. We recommend the use of Field Wipes, manufactured by Hygenall and exclusively marketed by American Tactical.

Be sure not to leave cleaning patches or excessive oil or grease in the bores as they can create dangerous obstructions. Obstructions of any kind can cause damage to the firearm and may result in serious personal injury to the shooter and/or others nearby.

Normal use requires only that the mechanisms be free of excessive shooting residue. Very little lubrication other than a light oiling of internal and external surfaces is needed to prevent rust.

If the firearm is to be stored for a long period of time it should be thoroughly cleaned and oiled. Do not plug the barrel or store the firearm in a fabric-lined case that will absorb lubricant from the firearm.

The barrel and forearm assemblies can be removed from the stock/receiver assembly and the stock can be removed from the receiver assembly, but further disassembly should be performed by the manufacturer, American Tactical and/or a qualified gunsmith only.



AFTER FIRING YOUR RIFLE, clean it as soon as possible to make the job easier and to avoid allowing the development of any corrosion.

When your firearm has not been fired, you should clean it at least once or twice a year if you live in a temperate climate, or as often as once a week in a tropical climate.

If you get your firearm wet, clean it as soon as possible to avoid the onset of corrosion or rust.

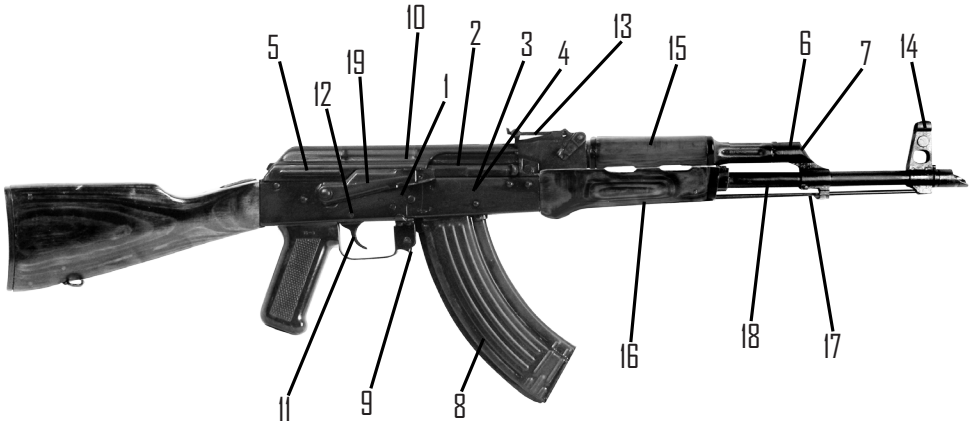
Use a high quality rifle cleaning kit that includes a cleaning rod; swab holder; cotton flannel bore patches; pipe cleaners; a small toothbrush; brass wire bristle bore and chamber brushes and a Cleaner/Lubricant/Preservative (CLP in Army terminology).

After you have disassembled the rifle, thoroughly clean, inspect and lubricate all parts according to the techniques described on following pages.



Included with your American Tactical Firearm is a sample of Pro Gold MFR-7, a premium gun care and cleaning product. American Tactical Imports recommends the use of Pro Gold MFR-7 for all cleaning, lubricating, and protection needs for your firearm. This lubricant eliminates built up carbon and grease. Please refer to the instruction booklet provided with your free sample of Pro Gold MFR-7 for the proper use of the product. The use of non recommended products may affect the performance and finish on your American Tactical firearm. Speak with your local dealer to have them stock Pro Gold MFR-7 lubricant products, if they do not already do so.

OR YOU MAY PURCHASE DIRECTLY FROM WWW.AMERICANTACTICAL.US



- | | | | |
|-----|----------------------------|-----|-----------------|
| 1. | HAMMER | 11. | TRIGGER |
| 2. | BOLT | 12. | DISCONNECTOR |
| 3. | FIRING PIN | 13. | REAR SIGHT LEAF |
| 4. | BOLT CARRIER | 14. | FRONT SIGHT |
| 5. | RETURN SPRING | 15. | HAND GUARD |
| 6. | PISTON | 16. | FORE END |
| 7. | GAS CYLINDER | 17. | CLEANING ROD |
| 8. | MAGAZINE | 18. | BARREL |
| 9. | MAGAZINE CATCH | 19. | SAFETY LEVER |
| 10. | HAMMER & TRIGGER
SPRING | | |

From the time an individual picks up a firearm, that individual shooter becomes a part of a system over which he has complete control. He is the only part of the system that can make a gun safe – or unsafe. Hunting and target shooting are among the safest of all sports. This booklet is intended to make them even safer – by re-emphasizing and reaffirming the basics of safe gun handling and storage and by reminding each individual shooter that he or she is the key to firearms safety. You can help meet this responsibility by enrolling in hunter safety or shooting safety courses. You must constantly stress safety when handling firearms, especially to children and non-shooters. Newcomers in particular must be closely supervised when handling firearms with which they may not be acquainted. Don't be timid when it comes to gun safety. If you observe anyone violating any safety precautions, you have an obligation to suggest safer handling practices, such as those in this booklet. Please read these rules carefully and follow the safety procedures outlined. Firearms safety is up to you. Make no mistake about it.

- 1. ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.**
- 2. FIREARMS SHOULD BE UNLOADED WHEN NOT ACTUALLY IN USE.**
- 3. DON'T RELY ON YOUR GUN'S "SAFETY".**
- 4. BE SURE OF YOUR TARGET AND WHAT'S BEYOND IT.**
- 5. USE CORRECT AMMUNITION.**
- 6. IF YOUR GUN FAILS TO FIRE WHEN THE TRIGGER IS PULLED, HANDLE WITH CARE.**
- 7. ALWAYS WEAR EYE AND EAR PROTECTION WHEN SHOOTING.**
- 8. BE SURE THE BARREL IS CLEAR OF OBSTRUCTIONS BEFORE SHOOTING.**
- 9. DO NOT ALTER OR MODIFY YOUR GUN, AND HAVE GUNS SERVICED REGULARLY.**
- 10. LEARN THE MECHANICAL AND HANDLING CHARACTERISTICS OF THE FIREARM YOU ARE USING.**

