

AAC MPW

USERS MANUAL

IMPORTANT! DO NOT DISCARD - READ CAREFULLY BEFORE USING YOUR FIREARM

It is important that you read and understand this manual prior to using this firearm. This manual explains the function and handling of your firearm. Failure to read this manual and/or follow the instructions in it may result in serious personal injury or death to you or to others. It is good practice to keep this manual alongside your firearm for reference and it should be transferred with the firearm upon change of ownership.

Be sure you understand all instructions and hazards associated with firearms before using this firearm. This manual contains several signal words, as defined by ANSI Z535.6 and Z535.4 standards, that are designed to draw your attention to a particular subject matter with the intent of illuminating crucial safety information.

WARNING	**WARNING! indicates a hazardous situation which, if not avoided, could result in death or serious injury.**
CAUTION	**CAUTION! indicates a hazardous situation which, if not avoided, could result in death or serious injury.**
NOTICE	**NOTICE: is used to address practices not related to physical injury.**

SIGNAL WORDS (ANSI Z535.6 & ANSI Z535.4)

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NOTICE: Your firearm may differ slightly from the images shown; however, the overall function and disassembly instructions will remain the same.

MPW AR-15 Location of Components



A. Flash Suppressor or Compensator
B. Front Sight Post (If equipped)
C. Forearm Hand Guard
D. Upper Receiver
E. Charging Handle
F. Buttstock (If 16” barrel or longer)
G. Safety Selector
H. Grip
I. Trigger
J. Trigger Guard
K. Magazine
L. Lower Receiver
M. Bolt Release lever
N. Magazine Release
O. Picatinny top rail (rear sight carry handle if equipped)

FIREARM SAFETY

CAREFULLY READ AND UNDERSTAND THIS ENTIRE MANUAL BEFORE USING THIS FIREARM.

MAKE SURE ANY OTHER PERSON HANDLING OR USING THIS FIREARM READS AND UNDERSTANDS THIS ENTIRE MANUAL BEFORE USING THIS FIREARM.

The instructions and warnings in this manual are extremely important.

Do not handle or use this firearm if you do not fully understand this manual or have any doubts about your ability to safely handle or use this firearm.

Seek further instruction if you are unsure in any way about how to safely and properly handle or use this firearm.

MAKE SURE YOU AND ANY OTHER PERSON HANDLING OR USING THIS FIREARM HAVE ACCESS TO THIS MANUAL.

A digital copy of this manual may be accessed and downloaded at www.advanced-armament.com.

Save a digital copy of this manual on your phone and computer.

KNOW AND FOLLOW ALL SAFETY PRECAUTIONS AND INSTRUCTIONS, INCLUDING THOSE IN THIS MANUAL AND UNIVERSAL SAFETY RULES FOR FIREARMS.

KNOW AND FOLLOW ALL LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS GOVERNING YOUR POSSESSION, HANDLING, AND USE OF THIS FIREARM.

FIREARM SAFETY AND COMPLIANCE WITH THE LAW ARE YOUR RESPONSIBILITIES.

⚠ WARNING!

FAILURE TO READ THIS MANUAL AND TO FOLLOW THE INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR DEATH TO YOU OR TO OTHERS.

⚠ WARNING!

ALL FIREARMS HAVE LETHAL POTENTIAL.

FIREARM SAFETY

Universal Safety Rules for Firearms

1. **ALWAYS TREAT EVERY FIREARM AS IF IT WERE LOADED.**
2. **ALWAYS KEEP THE FIREARM POINTED IN A SAFE DIRECTION.**
3. **ALWAYS KEEP THE FIREARM UNLOADED DURING TRANSPORT.**
4. **DO NOT LOAD THE FIREARM UNTIL READY TO USE.**
5. **KEEP YOUR FINGER OFF THE TRIGGER UNTIL READY TO SHOOT.**
6. **NEVER LEAVE A LOADED FIREARM UNATTENDED.**
7. **PROPERLY STORE YOUR FIREARM SO THAT CHILDREN CANNOT GAIN ACCESS TO IT.**
8. **PROPERLY MAINTAIN YOUR FIREARM.**
9. **ALWAYS USE PROPER AMMUNITION.**
10. **ALWAYS WEAR PROPER EYE AND HEARING PROTECTION WHEN SHOOTING.**

Always keep muzzle pointed in a safe direction and finger off the trigger.

General Tips and Warnings

The following includes general tips and warnings regarding the handling and use of this firearm. Please carefully read and understand these tips and warnings as well as the additional specific instructions in this manual **BEFORE** using this firearm.

General Handling and Use

⚠ WARNING!

If this firearm is carelessly or improperly handled, unintentional discharge may result and could cause serious injury, death, or damage to property.

You are responsible for your firearm at all times. You must protect yourself and others against injury or death from misuse of a firearm.

To avoid accidental firing, **BE SURE WEAPON IS CLEAR**. Failure to do so could result in injury or death.

Verify the barrel is clear of obstructions before loading and firing. Completely unload the firearm and check the barrel for any obstructions or debris. If the barrel is obstructed, remove the ammunition and clean the barrel immediately.

Be sure the cam pin is installed in the bolt group. If it is not installed, your firearm can still fire and may explode causing injury or death.

If the firearm fails to fire when the trigger is pulled, handle it with extreme care. Keep the firearm pointed in a safe direction. Keep your face away from the breech and put the safety on. Unload your firearm and dispose of the ammunition safely.

Always wear appropriate eye and ear protection while shooting and cleaning a firearm. Be sure others in the vicinity have protection as well.

Never use drugs or alcohol before or during use of a firearm.

Never use your firearm if you are taking any medication which impairs, even slightly, your mental or physical ability.

Be sure of your target and the surrounding area. Never fire unless you know exactly where your shot is going and what it will strike.

Make sure every shot has a safe backstop, such as a hillside or sand. Bullets can ricochet on surfaces such as water. Do not fire into the sky.

Never allow your firearm to be used by an individual who does not understand its safe operation or has not read this manual.

Ammunition

⚠ WARNING!

Using the wrong or improper ammunition could cause serious injury, death, or damage to property.

Use only high quality, commercial ammunition of the correct caliber that has been loaded to U.S. industry standards, has been kept clean and dry, and is in good condition.

Every firearm is designed to use a certain gauge or caliber of ammunition. Never use the wrong ammunition or non-standard, reloaded, remanufactured, or handloaded ammunition that has not been subjected to internal ballistic pressure testing.

Always read and follow the instructions on the ammunition box.

Use of improper ammunition will void your warranty.

Storage

⚠ WARNING!

Firearms should NOT be stored loaded.

Store your firearm and ammunition so that they are not accessible to children or unauthorized persons.

Evaluate your personal situation to be sure children and unauthorized persons cannot access your firearm.

Safely store and secure your firearm and ammunition separately.

Always use a locking device or a safety lock on your firearm when it is stored.

Maintenance

⚠ WARNING!

Make sure your firearm is unloaded BEFORE cleaning or performing any maintenance.

Perform proper periodic maintenance on your firearm in accordance with this manual.

Never let water, snow, mud, or other materials enter the barrel.

Excess lubricants or grease can dangerously increase pressure and may cause barrel to burst when firing.

Modifications

⚠ WARNING!

Unauthorized or improper disassembly, alterations, and modifications of your firearm could cause serious injury, death, or damage to property.

Never disassemble, alter, or modify your firearm beyond what is outlined in this manual. Do not substitute or add any parts or accessories not manufactured by AAC or otherwise authorized for use with your firearm.

Do not try to change your firearm's trigger pull as alterations might cause accidental firing.

Only a qualified gunsmith should service, repair, or modify your firearm in any way.

Accessories

⚠ WARNING!

Use of unauthorized or incompatible accessories with your firearm could cause serious injury, death, or damage to property.

Be sure all accessories are compatible with your firearm.

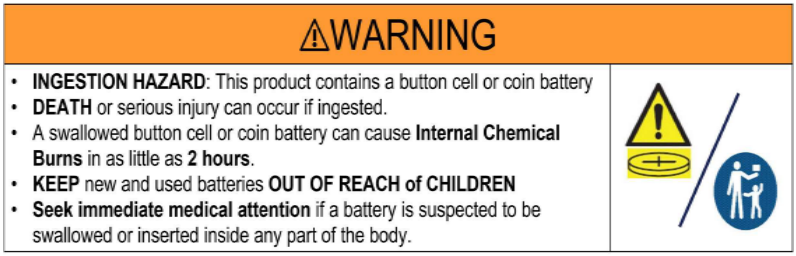
Accessories must not interfere with the safe operation of your firearm.

Battery Warnings

Certain firearms may include battery-operated accessories such as optics. If your firearm came with any battery-operated accessories, please carefully read the following:

- Follow battery manufacturers' instructions as to proper handling, storage, and disposal of battery.
- **KEEP BATTERIES AWAY FROM CHILDREN**. Never put batteries in the mouth or in any part of the body. Severe or fatal injuries can occur within 2 hours. Seek medical attention immediately.
- Do not force discharge, recharge, disassemble, heat above the temperature ranges specified by battery manufacturer, or incinerate. Doing so may result in injury due to venting, leakage, or explosion resulting in chemical burns.
- Remove and immediately recycle or dispose of used batteries according to local regulations.
- Do **NOT** dispose of batteries in household trash or incinerate. Even used batteries may cause severe injury or death. Call a local poison control center for treatment information.
- Do not modify, remanufacture, puncture, or damage the device or batteries.
- Only replace batteries with correct replacement batteries. Using other batteries presents a risk of fire or explosion.
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Non-rechargeable batteries are not to be recharged.

For accessories with button cell or coin batteries:



⚠ WARNING!: CANCER AND REPRODUCTIVE HARM

HANDLING FIREARMS, FIREARMS PARTS, AND AMMUNITION CAN EXPOSE YOU TO LEAD AND OTHER PETROLEUM PRODUCTS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM. MAINTAIN ADEQUATE VENTILATION AT ALL TIMES. WASH HANDS THOROUGHLY AFTER HANDLING.

For more information, go to www.p65warnings.ca.gov

(CA Health and Safety Code Section 25249.6)

State Warnings and Notices

Certain states and municipalities have laws requiring that specific warnings and notices be provided with firearms sold in those states and municipalities. Although AAC does not sell firearms in all states and municipalities, the following warnings are included in this manual:

California

⚠ WARNING!

Firearms must be handled responsibly and securely stored to prevent access by children and other unauthorized users. California has strict laws pertaining to firearms, and you may be fined or imprisoned if you fail to comply with them. Visit the Website of the California Attorney General at https://oag.ca.gov/firearms for information on firearm laws applicable to you and how you can comply.

Prevent child access by always keeping guns locked away and unloaded when not in use. If you keep a loaded firearm where a child obtains and improperly uses it, you may be fined or sent to prison.

If you or someone you know is contemplating suicide, please call the national suicide prevention lifeline at 1-800-273-TALK (8255).

⚠ ADVERTENCIA!

Las armas de fuego deben operarse con responsabilidad y mantenerse guardadas en un lugar seguro fuera del alcance de niños o usuarios no autorizados. California tiene leyes estrictas con respecto a armas de fuego, y Usted puede ser multado o enviado a prisión par su incumplimiento con estas regulaciones. Visite la página web del Fiscal General de California en https://oag.ca.gov/firearms para obtener información acerca de las regulaciones sobre armas de fuego aplicables a su situación y que debe hacer para cumplir con ellas.

Prevenga que niños tengan acceso a armas de fuego manteniéndolas descargadas y guardadas bajo llave cuando no las esté utilizando. Si Usted mantiene un arma de fuego cargada donde un niño pueda tener acceso y la usa de manera inapropiada, Usted puede resultar multado o enviado a prisión.

Si usted o alguien que conoce está pensando en suicidarse, llame a la línea nacional de prevención del suicidio al 1-800-273-TALK (8255).

Connecticut

UNLAWFUL STORAGE OF A LOADED FIREARM MAY RESULT IN IMPRISONMENT OR FINE.

Florida

IT IS UNLAWFUL, AND PUNISHABLE BY IMPRISONMENT AND FINE, FOR ANY ADULT TO STORE OR LEAVE A FIREARM IN ANY PLACE WITHIN THE REACH OR EASY ACCESS OF A MINOR UNDER 18 YEARS OF AGE OR TO KNOWINGLY SELL OR OTHERWISE TRANSFER OWNERSHIP OR POSSESSION OF A FIREARM TO A MINOR OR A PERSON OF UNSOUND MIND.

Hawaii

NOTICE OF RESPONSIBILITY TO SECURELY STORE FIREARM

HI Rev Stat § 134-10.5. Secure storage of firearms

(a) No person shall store or leave any firearm on any premises under the person's control unless the person:

(1) Secures the firearm in a locked box or other container, such as a gun safe, or by using a properly engaged tamper-resistant mechanical lock or other tamper-resistant safety device that renders the firearm inoperable by any person other than the owner or lawfully authorized user;

(2) Stores the firearm in a location that a reasonable person would believe to be secure; or

(3) Carries the firearm on the person or within such close proximity to the person that the person can readily retrieve and use the firearm as if it were carried on the person.

(b) Any person who violates this section shall be guilty of a violation and fined no more than $500; provided that a person who commits the offense of criminally negligent storage of a firearm under section 707-714.5 shall be guilty of a misdemeanor.

(c) Any person who violates this section shall be strictly liable for damages incurred if the firearm obtained as a result of the violation is used to injure a person or property within two

years of the violation; provided that this subsection shall not apply if:

(1) The injury results from a lawful act of self-defense or defense of another person; or

(2) The unsecured firearm was obtained by a person as a result of a person entering or remaining on the premises unlawfully.

(d) This section shall not apply to a person in an exempt category identified in section 134-11(a).

(e) For purposes of this section, "premises" does not include a vehicle.

Maine

ENDANGERING THE WELFARE OF A CHILD IS A CRIME. IF YOU LEAVE A FIREARM AND AMMUNITION WITHIN EASY ACCESS OF A CHILD, YOU MAY BE SUBJECT TO FINE, IMPRISONMENT OR BOTH.

KEEP FIREARMS AND AMMUNITION SEPARATE AND LOCKED UP.

USE TRIGGER LOCKS.

Maryland

WARNING: CHILDREN CAN OPERATE FIREARMS WHICH MAY CAUSE DEATH OR SERIOUS INJURY. IT IS A CRIME TO STORE OR LEAVE A LOADED FIREARM IN ANY LOCATION WHERE AN INDIVIDUAL KNEW OR SHOULD HAVE KNOWN THAT AN UNSUPERVISED MINOR WOULD GAIN ACCESS TO THE FIREARM. STORE YOUR FIREARM RESPONSIBLY!

Massachusetts

IT IS UNLAWFUL TO STORE OR KEEP A FIREARM, RIFLE, SHOTGUN OR MACHINE GUN IN ANY PLACE UNLESS THAT WEAPON IS EQUIPPED WITH A TAMPER-RESISTANT SAFETY DEVICE OR IS STORED OR KEPT IN A SECURELY LOCKED CONTAINER.

New Jersey

IT IS A CRIMINAL OFFENSE TO LEAVE A LOADED FIREARM WITHIN EASY ACCESS OF A MINOR.

New York City

THE USE OF A LOCKING DEVICE OR SAFETY LOCK IS ONLY ONE ASPECT OF RESPONSIBLE FIREARMS STORAGE. FOR INCREASED SAFETY, FIREARMS SHOULD BE STORED UNLOADED AND LOCKED IN A LOCATION THAT IS BOTH SEPARATE FROM THEIR AMMUNITION AND INACCESSIBLE TO CHILDREN AND OTHER UNAUTHORIZED PERSONS.

North Carolina

IT IS UNLAWFUL TO STORE OR LEAVE A FIREARM THAT CAN BE DISCHARGED IN A MANNER THAT A REASONABLE PERSON SHOULD KNOW IS ACCESSIBLE TO A MINOR.

N.C. Gen. Stat. § 14-315.1

(a) Any person who resides in the same premises as a minor, owns or possesses a firearm, and stores or leaves the firearm (i) in a condition that the firearm can be discharged and (ii) in a manner that the person knew or should have known that an unsupervised minor would be able to gain access to the firearm, is guilty of a Class 1 misdemeanor if a minor gains access to the firearm without the lawful permission of the minor's parents or a person having charge of the minor and the minor:

(1) Possesses it in violation of G.S. 14-269.2(b);
(2) Exhibits it in a public place in a careless, angry, or threatening manner;
(3) Causes personal injury or death with it not in self defense; or
(4) Uses it in the commission of a crime.

(b) Nothing in this section shall prohibit a person from carrying a firearm on his or her body, or placed in such close proximity that it can be used as easily and quickly as if carried on the body.

(c) This section shall not apply if the minor obtained the firearm as a result of an unlawful entry by any person.

(d) "Minor" as used in this section means a person under 18 years of age who is not emancipated.

Texas

IT IS UNLAWFUL TO STORE, TRANSPORT, OR ABANDON AN UNSECURED FIREARM IN A PLACE WHERE CHILDREN ARE LIKELY TO BE AND CAN OBTAIN ACCESS TO THE FIREARM.

Wisconsin

IF YOU LEAVE A LOADED FIREARM WITHIN THE REACH OR EASY ACCESS OF A CHILD YOU MAY BE FINED OR IMPRISONED OR BOTH IF THE CHILD IMPROPERLY DISCHARGES, POSSESSES, OR EXHIBITS THE FIREARM.

NOTICE: State, Local, and Municipal Firearm Laws

The state-specific warnings contained in this section are provided for general informational purposes only and do not constitute legal advice. Firearm laws, including those governing storage, transportation, use, magazine capacity, permitted accessories, and safe storage requirements, vary significantly by state, county, and municipality and are subject to change without notice.

The warnings contained in this manual are not exhaustive and may not reflect the most current laws applicable to you. AAC makes no representation that the information provided herein is complete, current, or applicable to your specific jurisdiction.

You are solely responsible for knowing and complying with all federal, state, and local laws applicable to your purchase, possession, storage, transportation, and use of this firearm. Before using, storing, or transporting this firearm, you are strongly encouraged to:

- Consult a licensed attorney familiar with the firearm laws of your state and locality;
- Contact your local law enforcement agency or sheriff's office for guidance on applicable regulations;
- Review current regulations published by your state's attorney general or department of justice; and
- Periodically recheck applicable laws, as they are subject to legislative and regulatory change.

Shoot Responsibly

AAC PROMOTES FREEDOM AND THE SAFE AND LEGAL USAGE OF OUR PRODUCTS BY LAW-ABIDING CITIZENS. THE PRODUCTS WE SELL ARE NOT TO BE USED WITH UNNECESSARY OR EXCESSIVE FORCE, OR ILLEGAL ACTS OF AGGRESSION.

We want to help you stay safe, legal, and prepared as you exercise your Second Amendment right to keep and bear arms.

The right to keep and bear arms, to protect ourselves, our loved ones, and the innocent and vulnerable in our communities deserves to be steadfastly protected. We believe that education on local laws, procedures, and proper use of our firearms is a key and vital component of defending those rights.

As firearm owners, we pride ourselves on accepting the added responsibility that comes along with gun ownership.

We know that safety and security are paramount principles. That's why we are gun owners in the first place.

Please visit palmettostatearmory.com/shootresponsibly to learn more about being a responsible gun owner.

[Insert QR CODE]

Suicide and Crisis Lifeline

If you or someone you know is struggling with mental health or is considering harming themselves or someone else, please call the 988 Suicide & Crisis Lifeline by dialing 988 or 1-800-273-TALK (8255). This toll-free number will allow you to speak to someone confidentially and is available 24/7.

Unloading The Firearm

Follow these steps in their entirety to safely unload and clear your Firearm:

! WARNING! Remember to keep the muzzle pointed in a safe direction and finger off the trigger.

1. Place the safety selector on SAFE [Figure 1]
2. Hold the grip of the firarm while keeping your finger off the trigger. Press the magazine release button and pull the magazine down to remove. [Figure 2]. If using a S9 firearm, push forward on the magazine release (see page 6 for location)



Figure 1



Figure 2

Unloading The Firearm

3. Unlock and pull the charging handle all the way out [figure 3] and press in on the lower portion of the bolt catch (push up on bolt catch if using S9) [figure 4]. Release the charging handle. This locks the bolt in the open position.
4. Look into the receiver through the ejection port and verify that there are no cartridges in the chamber [figure 5].



Figure 3

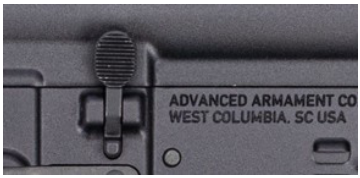


Figure 4



Figure 5

LOCKING DEVICE

This firearm is supplied with a cable lock from the factory. It is important to use the locking device for your firearm. Follow these steps to safely lock your firearm:

! **WARNING!** Remember to keep the muzzle pointed in a safe direction and finger off the trigger.

1. Keep the muzzle pointed in a safe direction and your fingers outside the trigger guard at all times!
2. Remove the magazine from your firearm.
3. Lock the bolt to the rear by retracting the charging handle fully rearward while depressing the bottom part of the bolt catch, then release the charging handle. (refer to the “unloading the firearm” section.
4. Verify that the firearm is completely unloaded and contains no cartridges or cartridge cases.
5. Insert the cable directly into your firearm as shown in figure 6.
6. To lock: with the key turned to the farthest clockwise position, insert the loose end of



Figure 6

LOCKING DEVICE

the cable into the lock. Turn the key counterclockwise and remove the key.

7. Once the lock is securely closed, pull firmly on the lock to test the connection and be sure it is locked. Do not leave or store your firearm with the key in the lock! Store your locked unloaded firearm and key in secure, separate locations, away from ammunition, children, and unauthorized adults.



Figure 7

! **WARNING!** Never leave the keys inserted in the lock or store the keys in the same location as the locked firearm [Figure 7].

! **WARNING!** Store your unloaded and locked firearm in a secure location away from children and ammunition.

! **WARNING!** Do not install lock through the trigger guard of the firearm.

GENERAL OPERATION

! WARNING ! Always be sure to only use high quality, commercial ammunition of the correct caliber that has been loaded to U.S. industry standards, has been kept clean and dry, and is in good condition.

! WARNING ! Using the wrong ammunition or non-standard, remanufactured, reloaded, or handloaded ammunition could cause serious injury, death, or damage to property.

! WARNING! Always wear hearing and eye protection when operating a firearm.

Step 1: Load the magazine. To begin using your firearm, start by loading a magazine. In order to do so, place each cartridge on top of the feed lip with the rear of the cartridge aligned with the rear of the magazine [Figure 8]. Press down on the round until it snaps into position under the feed lip [Figure 9]. Repeat until the magazine holds the desired number of cartridges or reaches the design capacity limit.



Figure 8



Figure 9

Step 2: Inserting the magazine. Insert the magazine into the magazine well, with cartridges facing forward. Apply upward force until the magazine catch engages the magazine [Figure 10]. This is usually indicated by a tactile and audible “click”.

Notice: A fully loaded magazine can sometimes require more force to load into a firearm with its slide in the forward position due to the additional pressure required to compress the spring, which is already near max compression.



Figure 10

GENERAL OPERATION

Step 3: Chamber a cartridge. There are two methods for chambering a cartridge, which depend on the position of the slide at the time of chambering.

3A: Bolt forward. If the bolt is in the forward position, you must manually cycle the firearm. To do this, first ensure that your finger is off the trigger and outside of the trigger guard area. Next, firmly hold the grip with your firing hand and use your support hand to grip the charging handle. Pull rearward on the charging handle. [Figure 11]. Next, release the charging handle at its rearmost position, allowing the bolt and charging handle to travel forward under their own spring force.



Figure 11

Note: Do NOT "ride the charging handle" forward with your support hand, as this will cause the firearm to jam due to the additional drag caused by your hand pressure.



Figure 12

3B: Bolt locked rearward. If the bolt is locked in the rearward position, first begin by ensuring your trigger finger is off the trigger and outside of the trigger guard area. Next, you may choose one of two methods to chamber the cartridge. One method is to grip the charging handle and pull rearward, then release the charging handle and allow it to travel forward on its own spring force [Figure 11]. An alternate method is to press inward on the bolt catch [Figure 12] (push down on the bolt catch if using S9). This will release the bolt and allow it to travel forward under its own spring pressure. Both methods will result in the bolt travelling to the forward position.

! **WARNING!** A cartridge is now chambered and the firearm is ready to be fired.

GENERAL OPERATION

Step 4: Firing. The firearm is now ready to be fired. Ensure that all rules of firearm safety are followed, as defined in “Firearm Safety”. Confirm your target and all that is beyond it. If clear to fire, point the firearm at the target.

Next confirm your point of aim by aligning the front and rear sights with your target. If using an optic, please follow the optic instructions to line up the target. Once your target and sight picture are acquired, gently pull the trigger rearward. Be sure not to jerk the trigger, as this motion may cause your muzzle to drift right or left before the trigger is fully rearward. Also, be sure to have a firm grip and proper control of the firearm throughout the firing cycle. Upon firing, the spent case will be ejected forcefully from the ejection port as the bolt carrier group travels rearward. The bolt carrier group will then feed a new round from the magazine and chamber it as it returns forward. The firearm is now ready to be fired again. This process can be repeated until the last round is fired. Upon firing the last round, the spent case will be ejected and the bolt catch will be activated by the follower of the now-empty magazine. The bolt catch will do just as its name implies and will “catch” the bolt and hold it in the rearward (open) position [Figure 13].



Figure 13

Step 5: Reload. To reload the firearm, depress the magazine catch button found on the right side of the magwell above the trigger guard [Figure 14]. This will allow the empty magazine to fall free. Following the procedure described in **Step 2** above, reload a new magazine into the firearm. Then, following **Step 3** above, a new round can be chambered and you may resume firing operation.



Figure 14

Step 6: Unload. Follow directions from “FIREARM SAFETY - Unloading the firearm” - Page 19-20

DISASSEMBLY

! **WARNING!** Always wear eye protection every time before handling your firearm for cleaning and maintenance.

! **WARNING!** Always ensure the firearm is unloaded before handling your firearm for cleaning and maintenance.

Step 1: **Clear the firearm.** Begin by confirming the firearm is clear, as described in "FIREARM SAFETY - Unloading and clearing your firearm" - Pages 19-20.

Step 2: Takedown Pin. Push in the takedown pin, located above and to the rear of the safety lever on the left hand side of the receiver [figure 15].
Step 2A: You may then pull the pin from the right side of the receiver until it stops (it will not pull out) [Figure 16]

Step 3: Separating the receiver. Grasp the rear of the upper receiver and pull up, allowing it to pivot on the front pin. This will expose the fire control group. [Figure 17]

Step 4: Removing the BCG. Pull the bolt carrier straight back until it is free of the charging handle and upper. Pull the charging handle back until it stops, then allow it to drop down to clear the upper receiver and remove it from the rear. [Figure 18]



Figure 15



Figure 16



Figure 17



Figure 18

Bolt Carrier Group Disassembly



A. Bolt Assembly
B. Bolt Carrier Assembly
C. Cam Pin
D. Gas Key
E. Firing Pin Retaining pin
F. Firing Pin
G. Gas Rings
I. Ejector
J. Extractor
K. Extractor Pin

Bolt Carrier Group Disassembly

Step 1: Push bolt assembly (A) into carrier B until it stops. Remove firing pin retaining pin (E) and slide firing pin (F) to the rear of the carrier until it is free. [Figure 19]



Figure 19

Step 2: Turn Cam Pin © ¼ turn to allow the head of the pin to clear the gas key, and pull straight out. [Figure 20]

The bolt assembly may now be removed from the carrier assembly. [Figure 21 and 22]



Figure 20

Bolt Assembly Components

G. Gas rings

I. Ejector

J. Extractor

K. Extractor Pin



Figure 21

Bolt Disassembly: Push extractor pin out to remove extractor. Note position and condition of spring and spacer on the extractor. If items are missing or worn, replace. [Figure 23]

No Further disassembly is required for routine maintenance.



Figure 22



Figure 23

Buffer Tube Disassembly

Step 1: Once the lower receiver and upper receiver have been separated you can see the buffer and buffer spring located within the buffer tube

! **WARNING!** Action spring is under compression. Please wear eye protection when removing the buffer and buffer spring.

Step 2: Push down on the buffer retainer pin [Figure 24] while holding the buffer back. Allow buffer to travel forward slowly after clearing the retaining pin. Once the spring is no longer compressed, remove the buffer and buffer spring from the buffer tube.

Step 3: You may now clean the inside of the buffer tube with a cotton patch and CLP.



Figure 24



Figure 25

MAINTENANCE

Before any cleaning or disassembly, always make sure the firearm is unloaded.

See “Unloading the Firearm” on page 18-19 of this manual
WARNING. RISK of serious injury or death. **Always point the firearm in a safe direction.**

NOTICE Some cleaning solutions and solvents may damage your firearm. Use a cleaning solution that is designed for use on firearms.

NOTICE: Do not allow cleaning rods to scratch the inside of the barrel or chamber. Commercial firearm cleaning kits are available from Palmetto State Armory or your local firearms retailer. Follow the instructions included with the cleaning kit. Clean the firearm before the first use to remove excess oil.

CLEANING THE CHAMBER

Remove the magazine and verify that the firearm is not loaded, and safety is on SAFE

Clean the chamber with a chamber cleaning brush, and a bore solvent or CLP. Move the brush through the chamber several times to scrub the inside of the chamber. Use a clean patch to wipe the chamber after cleaning. Repeat with clean patches until patch stays clean. After cleaning, run a dry patch through the chamber. **Do not oil the chamber.**

CLEANING THE BARREL

Using a cleaning rod, pass a patch soaked in bore cleaner through the barrel several times starting from the chamber end. Next, pass a cleaning brush through the barrel several times with more bore cleaner to remove any copper fouling and powder residue. Follow up with another patch and bore cleaning to ensure all residue is cleaned from the bore – if the patch is not clean, repeat cleaning with the brush until a clean patch exits the barrel. Once the barrel is clean, pass a patch coated in gun oil through it once more to help preserve the barrel bore and rifling. Clean the outside of the barrel with a nylon brush and cleaner – lubricant and then wipe clean.

CLEANING THE BOLT CARRIER GROUP

Remove the magazine and verify that the firearm is not loaded, and safety is on SAFE

MAINTENANCE

Disassemble the bolt carrier assembly. Clean with CLP or a suitable solvent. Be sure to remove excess oil from the bolt assembly before reassembly, do not lubricate the inside of the carrier. Lubricate the exterior of the carrier only.

CLEANING THE EXTERIOR

Remove the magazine and verify that the firearm is not loaded, and safety is on SAFE
Wipe all metal with a clean cloth and then follow up with a lightly oiled cloth.

Troubleshooting

If a cartridge jams or hangs up while moving into the chamber, do not attempt to force the cartridge into the chamber.

If your firearm misfires or jams:

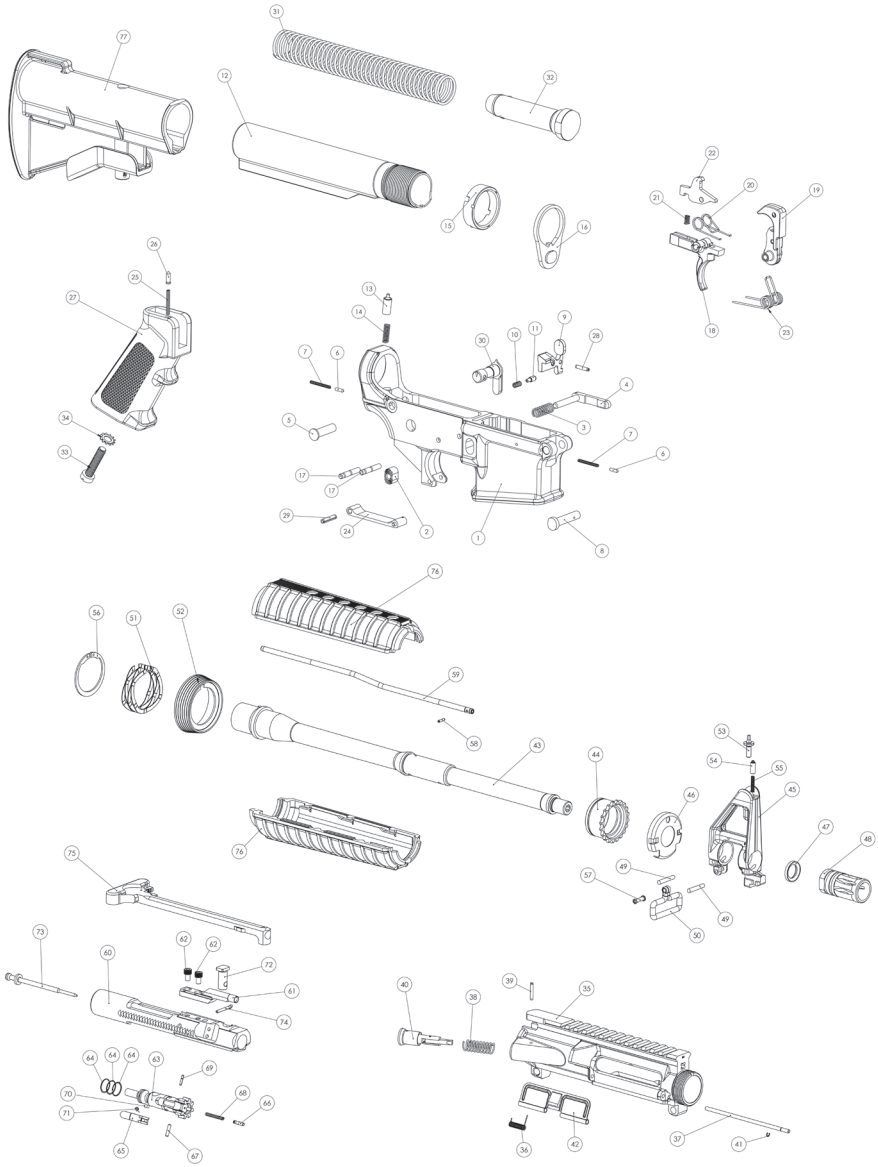
1. Remove your finger from the trigger area, point the firearm in a safe direction and wait 10-15 seconds.
2. Place the safety selector lever on SAFE
3. Press the magazine release button and pull the magazine down to remove.
4. Unlock and pull the charging handle all the way out and press in on the lower portion of the bolt catch. Release the charging handle. This locks the bolt in the open position.
5. Look into the receiver and verify that there are no cartridges in the chamber.
6. If a cartridge cannot be removed, safely store the firearm and take it to a qualified gunsmith for inspection.

AAC MPW EXPLODED VIEW

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	AR-100155	LOWER RECEIVER	1
2	AR-100056	BUTTON, MAGAZINE CATCH	1
3	AR-100055	SPRING, MAGAZINE CATCH	1
4	AR-100054	MAGAZINE CATCH	1
5	AR-100077	PIN, TAKEDOWN	1
6	AR-100076	DETENT, TAKEDOWN PIN	2
7	AR-100075	SPRING, TAKEDOWN/PIVOT PIN DETENT	2
8	AR-100060	PIN, PIVOT	1
9	AR-100132	CATCH, BOLT	1
10	AR-100058	SPRING, BOLT CATCH	1
11	AR-100057	PLUNGER, BOLT CATCH	1
12	AR-100030	RECEIVER EXTENSION	1
13	AR-100079	BUFFER RETAINER	1
14	AR-100078	SPRING, BUFFER RETAINER	1
15	AR-100040	NUT, RECIEVER EXTENSION	1
16	AR-100117	RECIEVER END PLATE	1
17	AR-100068	PIN, HAMMER AND TRIGGER	2
18	AR-100133	TRIGGER	1
19	AR-100154	HAMMER	1
20	AR-100070	SPRING, TRIGGER	1
21	AR-100069	SPRING, DISCONNECTOR	1
22	AR-100110	DISCONNECTOR	1
23	AR-100067	SPRING, HAMMER	1
24	AR-100073	GUARD, TRIGGER	1
25	AR-100098	SPRING, EJECTOR/SELECTOR DETENT	1
26	AR-100059	DETENT, SELECTOR	1
27	AR-100124	GRIP, PISTOL	1
28	AR-100148	PIN, SPRING, MAGAZINE CATCH	1
29	AR-100146	PIN, SPRING, TRIGGER GUARD	1
30	AR-100109	SELECTOR, FIRE CONTROL	1
31	AR-100038	SPRING, ACTION	1
32	AR-100031	BODY, BUFFER	1
33	HW-100199	SCREW, PISTOL GRIP	1
34	HW-100143	WASHER, PISTOL GRIP	1
35	AR-100035	UPPER RECEIVER	1
36	AR-100092	SPRING, EJECTION PORT COVER	1
37	AR-100091	HINGE PIN, EJECTION PORT COVER	1
38	AR-100090	SPRING, FORWARD ASSIST PLUNGER	1
39	AR-100147	PIN, FORWARD ASSIST	1
40	AR-100048	PLUNGER, FORWARD ASSIST	1
41	AR-100140	RING, RETAINING, EJECTION PORT COVER	1
42	AR-100127	COVER, EJECTION PORT	1
43	AR-100189	5.56MM BARREL, 14.7IN	1
44	AR-100085	BARREL NUT	1
45	AR-100034	SIGHT, FRONT	1
46	AR-100120	CAP, HANDGUARD	1
47	AR-100113	CRUSH WASHER	1
48	AR-100050	COMPENSATOR, M16A2	1
49	AR-100080	PIN, TAPER	2
50	AR-100187	SWIVEL, SLING	1
51	AR-100084	SPRING, HAND GUARD SLIP RING	1
52	AR-100051	SLIP RING, HAND GUARD	1
53	AR-100049	FRONT SIGHT POST, M16A2	1
54	AR-100082	DETENT, FRONT SIGHT	1
55	AR-100081	SPRING, DETENT, FRONT SIGHT	1
56	AR-100139	RETAINING RING	1
57	AR-100130	RIVET, M16	1
58	AR-100150	PIN, SPRING, GAS TUBE	1
59	AR-100118	GAS TUBE, CARBINE	1
60	AR-100104	CARRIER, BOLT	1
61	AR-100105	CARRIER KEY	1
62	AR-100103	SCREW, BOLT CARRIER KEY	2
63	AR-100102	5.56MM BOLT	1
64	AR-100101	RING, BOLT	3
65	AR-100100	EXTRACTOR	1
66	AR-100137	EJECTOR	1
67	AR-100099	PIN, EXTRACTOR	1
68	AR-100098	SPRING, EJECTOR/SELECTOR DETENT	1
69	AR-100151	PIN, SPRING, EJECTOR	1
70	AR-100033	BUFFER, EXTRACTOR	1
71	AR-100032	SPRING, EXTRACTOR	1
72	AR-100108	CAM PIN	1
73	AR-100107	FIRING PIN	1
74	AR-100106	PIN, FIRING PIN RETAINER	1
75	AR-100097	CHARGING HANDLE	1
76	AR-100141	HANDGUARD	2
77	AR-100142	STOCK ASSEMBLY	1

Always keep muzzle pointed in a safe direction and finger off the trigger.

AAC MPW EXPLODED VIEW



Always keep muzzle pointed in a safe direction and finger off the trigger.

WARRANTY

Each silencer, silencer part, firearm, and firearm part manufactured by Advanced Armament Company (AAC) is warranted to be free from defects in materials and craftsmanship for its serviceable lifetime. AAC will repair or replace free of charge any silencer, silencer part, firearm, and firearm part covered by this warranty that has a defect in materials or craftsmanship. The liability of AAC under this warranty shall be limited solely to the obligation to repair the defect or replace the item (as determined in AAC's sole discretion) and to pay transportation and insurance charges for return of the item. This warranty is transferable for the serviceable lifetime of the silencer, silencer part, firearm and firearm part.

EXCEPT AS OTHERWISE REQUIRED BY APPLICABLE LAW, THIS LIMITED LIFETIME WARRANTY IS THE ONLY WARRANTY ON SILENCERS, SILENCER PARTS, FIREARMS, AND FIREARM PARTS MANUFACTURED BY AAC.

This warranty does not cover silencers and silencer parts manufactured prior to November 1, 2021.

This warranty does not cover ordinary wear and tear or any damage resulting from careless or criminal handling, abuse, neglect, corrosion, unauthorized or improper installation or mounting, unauthorized or improper modifications, including modifications using non-AAC or otherwise incompatible parts, unauthorized or improper repairs or adjustments, use of improper, substandard, reloaded, or defective ammunition, or other unauthorized or unreasonable use of the silencer, silencer part, firearm, or firearm part. Silencer baffle strikes which are not due to a defect in workmanship are not covered by this warranty. AAC, in its sole discretion, will determine if a particular issue or condition is covered by this warranty.

To initiate a Warranty claim, email AAC Customer Service at techinfo@advanced-armament.com. Customer service will issue a return merchandise authorization (RMA) to allow for the return of the item.

Warranty claims must have the RMA form filled out and included in the LIMITED LIFETIME WARRANTY

24 Always keep muzzle pointed in a safe direction and finger off the trigger. 25 box with the returned item. DO NOT SHIP ANY SILENCER, SILENCER PART, FIREARM, OR FIREARM PART FOR REPAIR WITHOUT FIRST

CONTACTING CUSTOMER SERVICE. The returned item must be shipped using the prepaid label our representative emails to you. AAC will pay shipping and insurance charges for the return of the item to its owner or FFL if the related claim is a proper claim for warranty work. If AAC is unable to repair any silencer or any serialized silencer part, a new replacement one will be provided, but it must be shipped to an FFL/SOT for transfer back to the customer. At which time another Form 4 process will be required. AAC will not be responsible for transfer fees at the FFL. THIS LIMITED LIFETIME WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE. THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND AAC'S ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED LIFETIME WARRANTY. AAC SHALL NOT UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO

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AAC MPW AR-15 MANUAL