MAXIM DEFENSE®

MD:10L + MD:11

OWNER'S MANUAL

Maxim Defense Industries, LLC was born with the mission of being a 21st century defense development company striving to give the military and law enforcement the next generation of tools and equipment that exceed in today's extreme environments.

Our mission is focused on the Special Operation Forces community and developing products that are purpose designed and duty built to meet or exceed demanding challenges they face in this dangerous world.

Our development efforts are focused on servicing this community, but we are also committed to our commercial clients and customers, for without their support we could not achieve our mission of helping those that are down range and in harm's way.

At Maxim Defense we are dedicated to the design and production of only the highest grade in performance firearms and to protect you, who protect us and our liberties selflessly every day.

Michael G. Windfeldt

President & CEO
Maxim Defense Industries LLC

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4 FIREARM SAFETY RULES

1. Treat every weapon as if it were loaded.
2. Never point a weapon at anything you do not intend to shoot.
3. Keep your finger straight and off the trigger until you intend to fire.
4. Keep the safety on until you are ready to fire.

ADDITIONAL SAFETY CONSIDERATIONS

The safety selector should remain on SAFE until you are ready to FIRE, then placed back on SAFE.

WARNING: It is your responsibility to reference and obey all federal, state and local laws and regulations on the possession, carriage, and discharge of firearms. Law enforcement and military consumers are responsible for referencing and obeying the policies of their respective agencies that apply to the carry and use of this rifle.

Disclaimer: Maxim Defense assumes no liability or, responsibility for the misuse, criminal use, nefarious activity with or, negligent use of this firearm. Maxim Defense encourages the user to seek consistent professional firearms training.

MD:11 CHARACTERISTICS

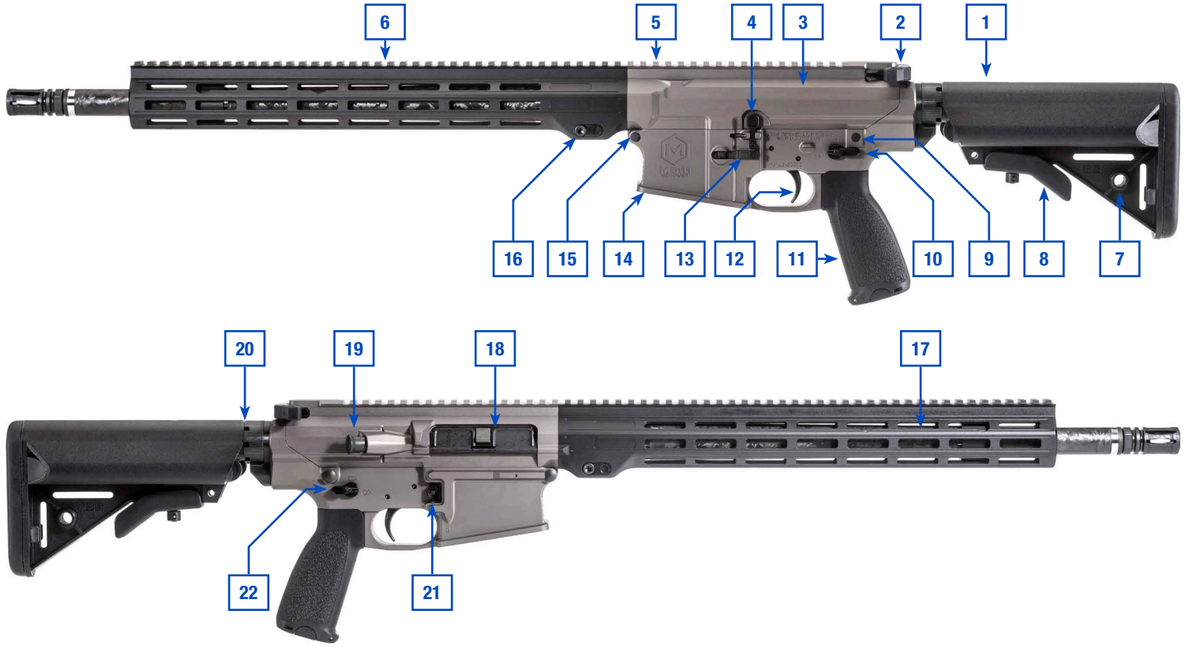
- Semi-automatic gas operated direct impingement system
- Air cooled, lightweight, magazine fed
- Chambered in .308 Winchester (7.62x51 NATO) and 6.5mm Creedmoor
- 7075-T6 billet upper and lower receiver, 6061 extruded free floated handguard
- M-slot accessory attachment points
- Barrel lengths of 16”, 18” & 20” by Proof Research® available in carbon or stainless steel
- Geissele® SSA/E
- Radian ambidextrous selector switch
- Radian ambidextrous changing handle
- Ambidextrous magazine release
- Non-proprietary common armorer tools used for assembly/ disassembly

MD:11 CAPABILITIES

Maxim Defense Industries MD:11 rifles are designed to dominate short range, medium distance, and long-range encounters with maximum accuracy and energy on target, and handle the fierce demands of the Tier 1 Community. The Maxim Defense MD:11 allows for the maneuverability needed in offensive/ defensive direct-action engagements.

MD:11 DEFINITIONS AND NOMENCLATURE

1. Stock
2. Ambi-charging handle
3. Upper receiver
4. Bolt catch/release
5. Optic/accessory rail
6. Handguard
7. QD sling mount
8. Stock release button
9. Rear take down pin
10. Ambi-safety selector
11. Grip
12. Trigger
13. Ambi-magazine release button
14. Magazine well
15. Front pivot pin
16. Handguard retention
17. M-slot mounting system
18. Ejection port door
19. Forward assist
20. Receiver extension tube
21. Magazine release
22. Safety selector



MD:10L CHARACTERISTICS

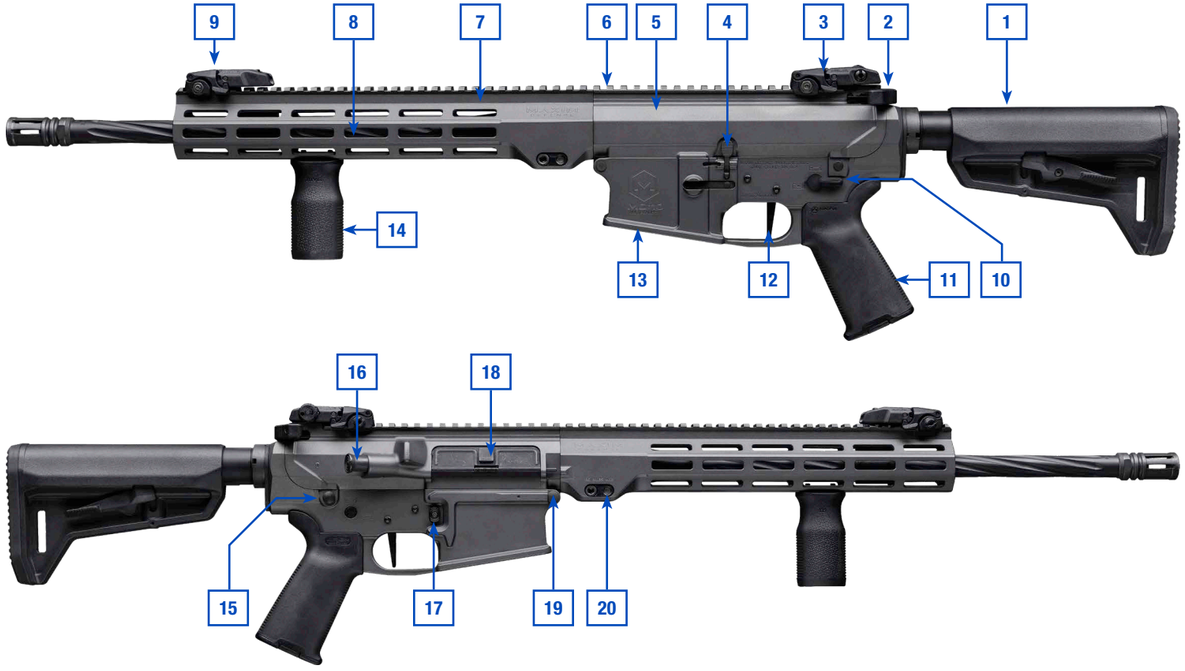
- Semi-automatic gas operated direct impingement system
- Air cooled, lightweight, magazine fed
- Chambered in .308 Winchester or 6.5 Creedmoor
- 7075/6061aluminum and tool steel
- Free-floating handguard
- M-slot accessory attachment points
- Non-proprietary common armorer tools used for assembly/disassembly
- Receives all STANAG pattern magazines
- MIL-SPEC + components and coatings
- Fully and easily serviceable
- Disassembles with standard tools

MD:10L CAPABILITIES

The Maxim Defense MD:10L is a value-packed battle rifle engineered for unmatched performance in any situation. Built tough, exceptionally accurate, and lightweight, the MD:10L is designed to excel in the field, at the range, or wherever your mission takes you.

MD:10L DEFINITIONS AND NOMENCLATURE

1. Stock
2. Ambi-charging handle
3. Flip-up rear sight
4. Bolt catch/release
5. Upper receiver
6. Optic/accessory rail
7. Handguard
8. M-slot mounting system
9. Flip-up front sight
10. Safety selector
11. Grip
12. Trigger
13. Magazine well
14. Vertical foregrip
15. Rear takedown pin
16. Forward assist
17. Magazine release
18. Ejection port door
19. Front pivot pin
20. Handguard retention bolt



UNLOADING/CLEARING

OBEY THE 4 FIREARM SAFETY RULES AT ALL TIMES (Refer to Page 4)

WARNING: Always stay clear from the ejection port when clearing the firearm.

1. Ensure that the manual safety selector is rotated to the SAFE position. If the manual safety selector switch will not rotate, the hammer is in the de-cocked position - continue to the next step.

2. REMOVE the source of ammunition: Remove the magazine from the magazine well by depressing the magazine release button. The magazine should fall freely from the magazine well. If no magazine is present in the magazine well continue to the next step.

3. Pull back on the charging handle from the upper receiver. This will pull the bolt back and expose the chamber. While holding the charging handle fully to the rear, depress the bottom of the bolt catch then slowly release the charging handle until the bolt catch retains the bolt to the rear. Push the charging handle back into the upper receiver until the charging handle latch clicks into the upper receiver.

4. Visually and physically inspect the chamber, magazine well, and bolt face to ensure that NO AMMUNITION IS PRESENT IN THE FIREARM.

LOADING

OBEY THE 4 FIREARM SAFETY RULES AT ALL TIMES (Refer to Page 4)

NOTE: The firearm can be loaded with the bolt carrier group (BCG) assembly either forward or locked to the rear positions.

WARNING: Ensure that the ammunition is caliber compliant with the firearm. Failure to do so could cause grave physical harm to the shooter and others and/or damage to the firearm and other property.

LOADING THE FIREARM WITH THE BOLT ASSEMBLY LOCKED TO THE REAR

1. With the safety selector switch in the SAFE position, insert a loaded magazine into the magazine well. Push the magazine inward until the magazine catch engages and holds the magazine.

2. Give a slight pull to the magazine to ensure that the magazine is fully seated. If the magazine pulls out, repeat step 1 and tap the bottom of the magazine to ensure the magazine's retention.

3. Depress the upper portion of the bolt catch/release allowing the bolt assembly to go forward and chamber a round of ammunition. The rifle is now loaded.

Best Practices: Tap the forward assist to ensure that the bolt is fully seated forward and close the dust cover.

LOADING THE FIREARM WITH THE BOLT ASSEMBLY FORWARD

1. With the safety selector switch in the SAFE position, insert a loaded magazine into the magazine well and push inward until the magazine catch engages and holds the magazine.

2. Give a slight pull to the magazine to ensure that the magazine well is fully seated. If the magazine pulls out slightly, repeat step 1 and tap the bottom of the magazine to ensure magazine's retention.

3. Pull back charging handle completely to the rear and release, allowing the bolt assembly to go forward and chamber a round of ammunition. The rifle is now loaded.

Best Practices: Tap the forward assist to ensure that the bolt is fully seated forward and close the dust cover.

AIMING NOTE: This firearm is not equipped from the manufacture with any sight system. It is the end user's responsibility to select and correctly attach an adequate sighting system to the firearm PRIOR to use. Follow the sighting system's manufacturer's instructions on mounting and use.

FIRING

OBEY THE 4 FIREARM SAFETY RULES AT ALL TIMES (Refer to Page 4)

1. Align the sight system with the target.
2. Rotate the selector switch from SAFE to FIRE.
3. Place your finger on the trigger and apply steady pressure on the trigger to the rear until the firearm discharges a round of ammunition.

SEMI-AUTOMATIC

When the trigger is pulled, the firearm will discharge only one round, cycle on its own and reload a new round of ammunition into the chamber completing a cycle of operation. Once the cycle of operation is complete, release the pressure from the trigger allowing the trigger to travel forward on its own until the trigger resets. The firearm is ready to fire again.

4. When done firing, remove your finger from the trigger and move the selector switch from FIRE to SAFE.
5. When firing and the ammunition from the magazine is depleted, the follower from the magazine will engage the bolt catch causing the bolt assembly to be held to the rear exposing an empty chamber.

RELOADING WHILE FIRING

1. Place the firearm on safe by rotating the safety selector switch to SAFE from Fire.
2. Remove the magazine by depressing the magazine release button and removing the empty magazine from the magazine well.
3. Insert a loaded magazine of caliber specific ammunition into the magazine well and push inward until the magazine catch engages and holds the magazine.
4. Give a slight pull to the magazine to ensure that the magazine well is fully seated. If the magazine pulls out slightly, repeat step 3 then tap the bottom of the magazine to ensure magazine retention.
5. Depress the upper portion of the bolt catch/release allowing the bolt assembly to go forward and chamber a round of ammunition. Your firearm is now loaded.

Best Practices: Count the rounds loaded into the magazine. Then count the round fired out of that magazine while firing. When the second to last round is fired out of a magazine, eject the expended magazine. The magazine should be empty, and there should be one round of ammunition in the chamber. Keeping the weapon pointed in a safe direction, load a fresh magazine into the magazine well.

SPECIFIC PARTS DETAILED DESCRIPTION

MAGAZINE

A semi-automatic firearm can only run as well as the magazine used. Maxim Defense only utilizes the best magazines available from the top manufacturers in the industry and has provided one with this firearm.

Load ammunition into the magazine by pressing down on the cartridge and sliding the round of ammunition to the rear of the magazine ensuring that the round is held by the feed lips of the magazine.

WARNING: DO NOT overload the magazine more than what the maximum capacity of individual rounds of ammunition calls for. Your firearm may malfunction.

DO NOT apply lubrication to the magazine or ammunition.

CHARGING HANDLE

To manually cycle the action of the firearm, grasp the charging handle and pull it fully to the rear. When performing unloading or clearing procedures the charging handle may be slowly eased or rode forward on an empty chamber. This is done by slowly easing the charging handle to the forward position and re-latching the charging handle to the upper receiver.

When loading a round of ammunition into the chamber, the charging handle should never be rode forward (slowly eased forward). The charging handle should be pulled completely to the rear and released allowing the recoil spring to thrust the bolt carrier group forward chambering a round of ammunition.

BOLT CATCH

The bolt catch is engaged by the magazine follower on an empty, fully inserted magazine. When the magazine follower is positioned at the top of the magazine, a tab on the rear of the magazine follower pushes up on the bolt catch causing the bolt assembly to be caught by the bolt catch.

To lock the bolt to the rear and expose the chamber without the use of a magazine: pull back on the charging handle from the upper receiver. This will pull the bolt back and expose the chamber. While holding the charging handle fully to the rear, depress the bottom of the bolt catch, then slowly release the charging handle until the bolt catch retains the bolt to the rear. Push charging handle back into the upper receiver until the charging handle latch clicks into place on the upper receiver.

To release the bolt using the bolt catch/release: With the bolt assembly held to the rear by the bolt catch, to release the bolt carrier assembly simply press the top of the bolt catch. The bolt catch will then release the bolt carrier assembly from the spring pressure of the action/recoil spring allowing the bolt to lock into battery.

DISASSEMBLY

The firearm must be clear of all ammunition before inspecting, cleaning, disassembly, transporting, and storing. Refer to the clearing procedures on page 8.

OBEY THE 4 FIREARM SAFETY RULES AT ALL TIMES (Refer to Page 4)

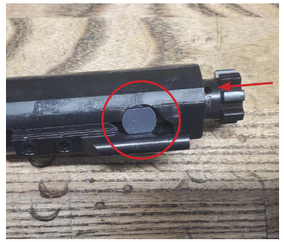
FIELD STRIPPING

1. Verify that the firearm is clear of any ammunition in the chamber and magazine well.
2. Push both takedown pins fully from left to right. The takedown pins are captured and will not come all of the way out of the firearm.
3. Lift the upper off the lower.
4. Your Maxim Defense firearm is now disassembled into the two main assemblies.

BOLT CARRIER GROUP DISASSEMBLY

1. Remove the firing pin retaining pin.

2. Remove the firing pin.



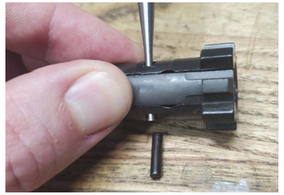
3. Ensure that the bolt is fully inserted into the bolt carrier. Rotate the cam pin ¼ turn in either direction and pull out of the bolt carrier.

4. Remove the bolt from the bolt carrier by pulling on the bolt.

The bolt group is now fully assembled.

EXTRACTOR REMOVAL FOR REPLACEMENT

1. Apply pressure with your fingers to compress the extractor.



2. Push out the extractor pin from either side.

3. Lift the extractor from the bolt.

4. The extractor should be sharp under the lip where it contacts the shell casing rim with no cracks, chipping, fracturing and clean of carbon buildup under the lip. The extractor spring assembly consists of:

- Rubber extractor ring
- Surrounding a tapered coiled spring
- Rubber insert

EXTRACTOR REASSEMBLY TO BOLT

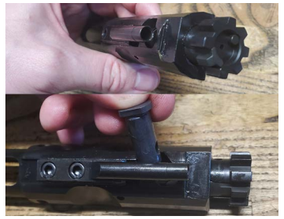
1. Press the extractor onto the bolt where the cut out is for it.

2. Apply finger pressure by pressing down to index the extractor pin hole on the side of the bolt. Insert the extractor pin from either side of the bolt. Ensure that the extractor pin is set equally sub-flush into place.

ASSEMBLY

BOLT CARRIER GROUP ASSEMBLY

1. Press the tail end of the bolt into the bolt carrier. When you feel slight resistance, rotate either direction and apply slight pressure to seat the bolt into the bolt carrier.



2. Ensure the bolt is fully seated into the bolt carrier and index the cam pin hole. The correct orientation will have the extractor portion of the bolt in the upper right corner of the bolt face. Insert the cam pin so it passes the bolt carrier gas key.

3. Rotate the cam Pin ¼ turn either direction.

4. Insert the firing pin so that only rear most portion of the firing pin sticks out of the back of the bolt carrier.

5. Insert the firing pin retaining pin from the left so it sits flush into the bolt carrier.

UPPER RECEIVER ASSEMBLY

1. Insert the charging handle into the rear of the upper receive maneuvering the charging handle ears into the groove track so the handle sits in its position in the top of the inside of the upper receiver. Leave the charging handle protruding from the back of the upper receiver by approximately three inches.

2. Ensure that the bolt is fully extended from the bolt carrier, then insert the bolt carrier group into the upper receiver. Slide the bolt carrier group and charging handle all the way forward until it is flush in the upper receiver assembly and the charging handle latch locks into place.

3. Ensure that the buffer is inserted into the extension tube and being retained by the buffer retainer detent. Align the upper receiver assembly over the lower receiver assembly.

4. Align the upper receiver assembly over the lower receiver assembly. Once the receivers are matched together, press the Front pivot pin and the rear take down pin flush into the firearm locking the receivers together.

5. Perform functions check

FUNCTIONS CHECK

A proper function check should be performed every time your firearm has been taken apart and reassembled. The purpose of the functions check it to ensure that all of the components are correctly installed, and the firearm will function correctly.

**WARNING: A proper function check includes the insertion of an empty magazine and dry firing the firearm. You MUST ENSURE that the firearm and magazine are CLEAR OF ALL AMMUNITION **

1. Check and Verify that the Firearm is unloaded by locking the bolt carrier group back with the bolt catch as described on page 6. Check and verify that you have an unloaded magazine with NO AMMUNITION PRESENT.
2. Start with a firearm that has been made to be clear and safe, with the bolt forward in the closed position and the dust cover closed.
3. Insert the EMPTY MAGAZINE into the magazine well until the magazine is retained by the magazine catch. Tap the bottom of the magazine then tug the magazine to ensure that it is properly seated.
4. Pull back on the charging handle. The bolt catch will engage the empty magazine follower and retain the bolt carrier group and, the dust cover will spring open. Push the charging handle forward and lock into the forward position.
5. While keeping the firearm pointed in a safe direction forward, push the magazine release button and let the magazine fall freely into your hand. Do not pull or assist the magazine.
6. Pull back on the charging handle, watch the bolt catch drop back into the rest position.
7. Release the charging handle allowing the recoil spring to freely push the bolt carrier group forward and lock into battery with the chamber. Do not release the bolt carrier by depressing the bolt catch. Do not ride the charging handle forward for this will not allow the bolt carrier group to fully seat into battery.
8. With the UNLOADED FIREARM pointed in a SAFE DIRECTION and the selector switch on SAFE, press the trigger. The trigger should not move or release the hammer.
9. With the UNLOADED FIREARM pointed in a SAFE DIRECTION rotate the selector switch to FIRE, press the trigger. You should hear and feel a shock as the hammer falls.
10. While still holding the trigger to the rear and not letting go, pull back on the charging handle to cock the hammer. Release the charging handle allowing the recoil spring to freely push the bolt carrier group forward and to lock into battery.
11. Slowly release the trigger until you feel and hear an audible click. Do not release the trigger. This sound came from the hammer that was held by the disconnector.
12. Slowly press the trigger a second time allowing the hammer to again fall forward.
13. Release the trigger and attempt to rotate the selector switch to safe - it should not move.
14. You may now either store the firearm or load as shown on pages 9-10.

With a variety of operational conditions and the varied pressures of ammunition, your firearm should be cleaned and inspected after each use. To maintain optimal performance, a preventative maintenance program must be followed. Maxim Defense Industries only recommends lubrication and cleaning solvents that are designed for firearms.

CLEANING PROCEDURES

WARNING: Always UNLOAD and CLEAR your firearm before maintenance and cleaning as shown on page 8.

DO NOT mix parts from one firearm with parts from another firearm. All parts are interchangeable unless specifically designated otherwise. DO NOT MIX LUBRICANTS in or on the firearm. The user is responsible for following all instruction for the safe use of lubricants and solvents. NOTE: The term “CLP”, “Cleaning Solvents” and Lubricant” in this manual are used interchangeably and are to be interpreted to mean that CLP, LSA, and LAW can be utilized as applicable.

The rifle must be thoroughly cleaned during the change from one lubricant to another using a dry cleaning Solvent (SD). DO NOT MIX LUBRICANTS IN OR ON THE FIREARM.

Recommended Tools:

- Cleaning solvent
- Grease, molly based
- Bore cleaner
- Cleaning rod caliber specific to your firearm (6.5 - .30/7.62)
- Cleaning rod jag for patches
- Bore brush caliber specific to your firearm (6.5 - .30/7.62)
- Chamber bush/mop caliber specific to your rifle (6.5 - .30/7.62)
- Nylon bristle brush
- Small arms wiping rags/pipe cleaner

CLEANING THE RIFLE

1. Ensure that your firearm is clear of any ammunition as shown on page 6. DO NOT allow any ammunition in the cleaning area.
2. Separate your upper and lower receiver assemblies.
3. Remove the bolt carrier group and charging handle.
4. Disassemble the bolt carrier group.

CLEANING THE BOLT CARRIER GROUP

1. Using a carbon solvent and the nylon bristle brush, clean all carbon fouling from the bolt locking lugs and the bolt face.
2. Remove the carbon fouling from the rear of bolt behind the gas rings.
3. Clean the extractor paying particular attention to the extractor claw. Clean the extractor slot in the bolt.
4. Using a pipe cleaner, clean the firing pin channel in the bolt.
5. Remove any carbon from the bolt carrier and wipe down.
6. Wipe away the carbon build up on the firing pin paying close attention under the collar. Cleaning the barrel either utilizing a free rotating cleaning rod or a pull through system will allow the bore brush and swabs to follow the lands and groves of your bore. Ensure that you start from the breach and end at the front of the barrel. Never change directions mid bore as the jag, brush or swab may get stuck and cause damage.

CLEANING THE BARREL

1. Coat a patch with bore cleaner. Run a lubricant wet patch, replace with another wet patch. Do this at least 5 times and then let sit allowing the cleaner to work for at least 5 minutes.
2. Run one more wet patch to remove fouling.
3. Using a bronze brush make ten (10) strokes. Reapply solvent as needed. Do not dip the brush into the solvent bottle but use a small container secondary container or applicator so as not to contaminate the supply.
4. Run dry patches through barrel to remove fouling and solvent until the patches come out clean.
5. Wet a patch with a copper solvent, run through the bore and let set for a few minutes. Follow with another copper solvent wet patch. Repeat until the patches have no blue stains on the patches. A cleaning jag may be used for this process. This is important for the copper fouls the groves in the bore over time.
6. Before introducing a new solvent, ensure that the bore is dry of the solvent that was previously used.
7. Finish with a wet patch of CLP.

EJECTOR CLEANING PROCEDURES

1. Place a few drops of CLP on the ejector.
2. Press the ejector in using a spent shell casing or inert dummy round. DO NOT USE A LIVE ROUND TO PERFORM THIS PROCESS. Hook the casing under the extractor and rock back and forth against the ejector. Repeat this process a few times adding CLP until the action of the ejector is smooth and strong.
3. Dry off excess CLP when process is completed.

CLEANING THE CHAMBER

1. Elevate the barrel so solvent will not run down the clean bore.
2. Use a chamber brush coated in boar cleaner to clean the chamber.
3. Rotate while plunging the chamber brush at a minimum five time to remove carbon fouling inside the chamber locking lugs.
4. Clean any residual Carbon with cotton patches, swabs or chamber mop.

RECOIL SPRING AND EXTENSION TUBE

1. Wipe down the recoil spring with a dry cloth. Then wipe again with a wet patch of CLP, wipe with a dry cloth one last time. Do not pull the recoil spring to extend it.
2. Clean the inside of the extension tube of carbon with a dry cloth patch.

LOWER RECEIVER ASSEMBLY

1. On the Inside of the lower receiver in the magazine well using a dry cloth, wipe areas where carbon fouling is observed. Wipe the hammer with a cloth or patch that has a light amount of CLP, then follow with a dry patch to remove residue. Avoid the inside of the fire control group where the springs are.

The fire control group which consists of the hammer, hammer spring, hammer pin, trigger, trigger spring, trigger pin, disconnector and disconnector spring should only be done by those with an armorer certification or by a gunsmith.

CLEANING THE MAGAZINE

1. The magazine is paramount to the function of the firearm. Magazines should be cleaned when the rifle is cleaned and maintained. Remove the floor plate, spring, and follower. Wipe with a dry cloth any residue from the inside and outside of the magazine body, reassemble.

INSPECTION OF COMMON PARTS

- Charging handle - This is a one-piece replaceable unit. Inspect the latch and spring for damage, inspect the handle body for breaks, bends or excessive wear.
- Upper receiver body: check for cracks or deformities. Depress the forward assist and release for proper function.
- Dust cover door: should latch shut and spring open.
- Upper receiver: check for cracks on bottom lugs that attach to the lower receiver.
- Bolt: check the bolt face for excessive pitting, look for any cracking or fracturing at the cam pin hole and around corners and edges of the bolt lugs.
- Firing pin: check for cracking, fracturing or a sharpened point.
- Bolt carrier: check for loosened screws on the gas key.
- Gas rings: if they are worn they need to be replaced.

PREVENTATIVE MAINTENANCE/PARTS REPLACEMENT SCHEDULE

Maxim Defense Industries has developed innovative designs to maximize reliability with the MD:11/MD10L. Preventative maintenance is required to maintain that reliability. With proper lubrication of your firearm, the use of quality ammunition as recommended, and the replacement of common parts that wear down with use, your Maxim Defense MD:11/MD10L will always be dependable.

At Maxim Defense Industries we recommend strict adherence to the parts replacement schedule. We recommend on a user level to replace at three thousand rounds:

- Gas rings
- Buffer spring
- Extractor
- Extractor spring

Correct preventative maintenance solves issues before they occur.

LUBRICATION

Maxim Defense Industries only recommends the use of firearm lubrication that has been designed specifically for the use on firearms. The type of lubricant used is generally dictated by the environmental conditions that the user find themselves in.

Lubrication should be applied to moving parts and where two parts contact one another.

- CLP: Cleaner, Lubricant, Protect - Best choice for taking care of firearms
- LSA- Lubricant, Semi-Fluid, Automatic Weapons - strictly a lubricant.
- LSA-T- Lubricant, Semi-Fluid, Automatic Weapons with Teflon - strictly a lubricant.
- LAW- Lubricating Oil, Arctic, Weapons - environmental conditions that are sustained below -0°F.
- Grease: preferably molybdenum disulfide compound of grease, to be used for extreme conditions.
- Light Lube: A light application of lubricant, barely visible.
- Heavy Lube: A film thick application, enough to spread with your finger.

ONLY USE ENOUGH LUBRICANT SO THAT YOU CAN SEE THE SHEEN ON THE PART BUT NOT SO MUCH THAT IT WILL RUN UNDER GRAVITY.

THE USE OF GREASE NEEDS TO BE RUBBED INTO THE PART SO THAT IT ONLY LEAVES A SHEEN

KEY LUBRICATING POINTS

- Bolt carrier assembly: inside bolt at rear, gas rings, cam pin, locking lugs, bearing surfaces of the bolt carrier, ejector area on the bolt face, extractor, extractor pin, and charging handle body (inside and out).
- Lower receiver assembly: trigger spring, hammer spring, disconnector spring (under disconnector), take down pin and pivot pins along with their detents, trigger sear surface (grease) and disconnector surface (grease).

SPECIAL CIRCUMSTANCES AND CONDITIONS

EXTREME COLD WEATHER CLIMATES

NOTE: Small amounts of normal CLP on moving parts can freeze and prevent the firearm from firing in extreme cold conditions.

Thoroughly remove CLP from the firearm with dry cloths and apply LAW in preparation for use in extreme cold weather.

1. Clean and Lubricate the firearm in a warm room with the firearm at room temperature.
2. Apply a light coat of Lubricating oil for Arctic Weapons (LAW) to key lubricating points.
3. Keep the firearm covered when moving from warm to cold areas in order reduce condensation and/or freezing. Allow firearms to cool gradually if feasible.
4. Keep firearm dry whenever possible. DO NOT lay warm firearm directly on ice or in snow.
5. Condensation will form on firearm when moved from a cold area to a warm area. Firearm should be disassembled and wiped dry several times as it warms to room temperature.
6. Keep ammunition and the insides of magazines wiped dry. Moisture will freeze and cause malfunctions
7. DO NOT lubricate ammunition or magazines.

HUMID CLIMATES

- Perform regular maintenance prior to and after use.
- Clean and lubricate with CLP more frequently than normal.
- Inspect all parts of the firearm for corrosion more frequently and more completely than normal maintenance procedures.
- Remove hand prints from the firearm with a dry rag and lubricate the outside surfaces with CLP.
- Unload and check inside of magazines for corrosion and moisture frequently. Ensure ammunition is dry before reloading magazines.

DESERT/ARID CLIMATES

The dry conditions of desert/arid environments will evaporate light coatings of CLP however, a generous amount of CLP will collect dust and induce malfunctions in the firearm. It is imperative that the user perform daily maintenance on their firearm for proper function.

1. Clean inside and functional areas of the firearm every day and after firing in desert conditions. Dust and sand will get into the firearm and magazines and cause various malfunctions.
2. In a desert/arid environment, generous amounts of lubrication should be applied to the internal working surfaces and functional parts of the firearm. Unload and dry ammunition and the inside of magazines daily. DO NOT lubricate magazines or ammunition.
3. Keep the bolt and ejection door closed, magazine in the magazine well and if possible, a muzzle cap on to keep the sand and dust out of the firearm.

HEAVY RAIN AND WATERBORNE OPERATIONS

1. Ensure that the dust cover is closed.
2. Preform regular maintenance prior to and after use.
3. ALWAYS attempt to keep the firearm dry.
4. ALWAYS drain water from the barrel before firing by pointing downward toward the ground and shaking as necessary. In a controlled and safe environment, field strip the firearm and dry the bore with a swab and cleaning rod and re-lubricate.
5. If water is retained in the barrel from a vacuum, pull the charging handle back just enough to release the pressure seal of the vacuum to drain the water from the barrel. When releasing the charging handle there may not be sufficient spring pressure to put the bolt fully into battery in the chamber. Push on the forward assist to ensure the bolt is properly seated, then close the dust cover.

SALTWATER OPERATIONS

- Clean sights and optics as soon as possible of saltwater.
- Wash sights and optics with fresh water source if not able to immediately apply a CLP.
- Follow the heavy rain and waterborne operations as previously described.

WARRANTY, SERVICE AND TECHNICAL REFERENCES

PERSONAL PROTECTION EQUIPMENT AND LEAD EXPOSURE

Discharging firearms in poorly ventilated areas, cleaning firearms or handling ammunition may result in the exposure to lead and other toxic substances. The use of Personal Protection Equipment (PPE) such as gloves and eye protection is recommended to mitigate lead exposure. Wash your hands with soap and cold water after the use of firearms and before the consumption of any food or beverage.

Always use eye and hearing protection when shooting or near others who are shooting. Failure to use proper hearing protection will cause permanent hearing damage to include permanent loss of hearing. Failure to use proper eye protection can result in damage to the eyes including the permanent loss of vision from high velocity flying particles, propellant gasses, ricocheting fragments and other debris.

STORAGE

Never leave any firearm unattended for any length of time in a manner that will allow visual or physical access to children, minors, or other inexperienced person, or any person who is unauthorized to be in possession of a firearm. Maxim Defense Industries, LLC provides a new mechanical gun lock with each firearm as a redundancy for safe firearm storage. More than one aspect of responsible storage should be utilized to include safely storing your firearm unloaded and locked with the provided mechanical lock, separate from any ammunition and inside of a lockable storage device (a safe or armory).

SILENCERS

Maxim Defense Industries, LLC does not warranty, assume any liability or responsibility for damages incurred by, or injury resulting from firing a Maxim Defense Industries firearm with a suppressor or silencer or any sound reducing device that is not manufactured by Maxim Defense Industries or a silencer that is specifically identified as compatible (see www.maximdefense.com) with Maxim Defense MD:9. Contact the manufacturer of your suppressor and inquire for compatibility inquiries with any of our firearms.

AMMUNITION

The use of hand loaded, reloaded, remanufactured, imported, low-quality steel cased ammunition, or incorrect caliber can void any warranty Maxim Defense Industries firearms offers. The high pressures that are involved with low quality ammunition not produced to SAAMI, NATO or CIP specifications can cause death or serious bodily harm. Damage can result from the wrong ammunition, bore obstructions, powder overloads or incorrect cartridge components.

Maxim Defense Industries only recommends the use of high quality, commercially manufactured, domestically produced, new ammunition that meets Sporting Arms and Ammunition Manufactures Institute (SAAMI) or Commission Internationale Permanente Pour L'Epreuve Des Armes A Feu Portatives (CIP) ammunition specifications. Ensure that the ammunition is in good condition, clean, dry, of the correct caliber, and undamaged prior to use.

To ensure our firearms pass the most rugged and demanding firing schedules and provide the highest quality shooting experience, Maxim Defense Industries, LLC researches and tests the significant majority of the commonly available munitions on the market today.

SHOOTING PRECAUTIONS

Always follow the Four Firearm Safety Rules.

Never consume alcohol or take drugs or mind-state altering medications when handling firearms. Consult with a physician if you are taking any medication to ensure that you are fit to handle and discharge a firearm safely. Always be aware of the location of others around you while using your firearm. Spent cartridge shell casings are very hot and are ejected with enough force where they could cause injury by impact or burn. When using a sling, maintain positive control of your firearm and ensure that the safety selector is on safe at all times. If you experience a failure to fire, always keep the firearm pointed in a safe direction for at least 30 seconds. If a hang fire or a slow ignition were to have occurred, the round will fire within those 30 seconds. If the cartridge still does not fire after 30 seconds, manually cycle the bolt with the charging handle while maintaining safe muzzle management, move the selector switch to SAFE. Examine the primer of the cartridge to see if there is a firing pin indent that is similar to other discharged cases. Separate that cartridge for proper disposal.

WARRANTY

For current warranty information, please refer to our website www.maximmdefense.com.

Before this firearm left the factory, it was carefully inspected, and test fired for safety and functionality. Maxim Defense Industries, LLC warranties the enclosed firearm to be manufactured free of defects in material. All firearms are assembled with the highest regard. Maxim Defense Industries agrees to correct any defect in the firearm for the original purchaser by repair, replacement or adjustment, at the option of Maxim Defense Industries, LLC. This is a limited lifetime warranty for the original purchaser provided, with the proof of purchase receipt to original purchase date when making a claim. This firearm was designed to function in its factory configuration. The warranty for this firearm is null and void if any part is added, substituted, or modified in any way. Maxim Defense Industries, LLC voids all warranty coverage where firearms have been disassembled beyond the scope of what is described within the user manual. This warranty does not apply to normal wear and tear of any parts and it is the user's responsibility to follow the preventative maintenance.

No implied warranties of any kind are made herein and this warranty does not apply to any accessories including optics, illumination, or aiming devices.

GENERAL LIABILITY STATEMENT

This is a firearm and must be taken seriously at all times. Failure to heed any warnings herein provided may result in death or serious bodily harm and significant damage to property, as well as damage to the firearm. It is the responsibility of the user of this firearm to ensure that they are in compliance with all local municipal, county, state, and federal laws in the region that they are using this firearm. Failure to comply with local ordinances and or state or federal laws may result in fines and or imprisonment. It is the responsibility of the end user to use this firearm in a safe and legal manner. Maxim Defense Industries is not liable for any misuse, illegal use, unauthorized use of, criminal or negligent discharge, improper or careless handing, corrosion, unauthorized modifications, or other influences beyond Maxim Defense Industries, LLC's direct and immediate control. This limitation of liability applies regardless of whether liability is asserted on the basis of contract, negligence, or strict liability including any failure to warn. Under no circumstances shall Maxim Defense Industries LLC, be liable for incidental or consequential damages, such as but not limited to loss of earnings or profits, commercial loss and loss of use of property.

MAXIM DEFENSE®

www.MAXIMDEFENSE.com