



CMMG

22LR AR CONVERSION PRODUCTS

***RIFLES
UPPERS
CONVERSION KITS***

Covers

BANSHEE™

and

RESOLUTE™

rifle models

INSTRUCTION MANUAL

**WARNING: BEFORE USING THIS FIREARM, READ AND
FOLLOW THESE INSTRUCTIONS**

Thank you for choosing CMMG, Inc.
Please read and follow all instructions in this manual
before operating the firearm.

FUNDAMENTAL FIREARM SAFETY GUIDELINES

- Always keep the firearm pointed in a safe direction.
- Always keep your finger off the trigger until ready to shoot.
- Always keep the firearm unloaded until ready to use.
- Know the target and what is beyond it.

- Be sure the firearm is safe to operate.
- Know how to use the firearm safely.
- Only use the correct ammunition for the firearm.
- Wear appropriate eye and ear protection.
- Never use alcohol or drugs before or while shooting.
- Store firearms so that they are not accessible to unauthorized persons.
- Be aware that certain types of firearms and many shooting activities require additional safety precautions.

Failure to follow these rules can result in damage to property, injury or death. Always follow these instructions and carefully read and refer to this manual before loading your firearm.

This is NOT a safety manual.

If you need assistance with the safe handling of this, or any firearm, please contact a certified firearms instructor or school.

CLEARING YOUR RIFLE

To unload/clear your rifle:

1. Keep the rifle pointed in a safe direction.
2. Rotate the firearm's safety selector to "SAFE." Remove the magazine by pressing the magazine release button and pulling the magazine out of the rifle.
3. Pull and hold the charging handle to the rear.
4. Make sure the chamber is clear of any live or spent cartridge. Once clear, the charging handle can be released.

Your rifle is now clear.

LOADING YOUR RIFLE

To load your rifle:

1. Load your magazine with .22 Long Rifle cartridges. Place the cartridge between the magazine's feed lips and push down and back until seated. Load the desired amount of ammunition.
2. Keep the rifle pointed in a safe direction and place the selector on "SAFE."
3. Insert the loaded magazine into the magazine well until fully seated and the magazine catch locks the magazine in place. Ensure that it is locked in place by trying to pull the magazine out.
4. To chamber a cartridge, firmly pull the charging handle to the rear and release it. DO NOT ride the handle as the bolt closes. (See Fig. 1)

Your rifle is now loaded.



Loading continued.

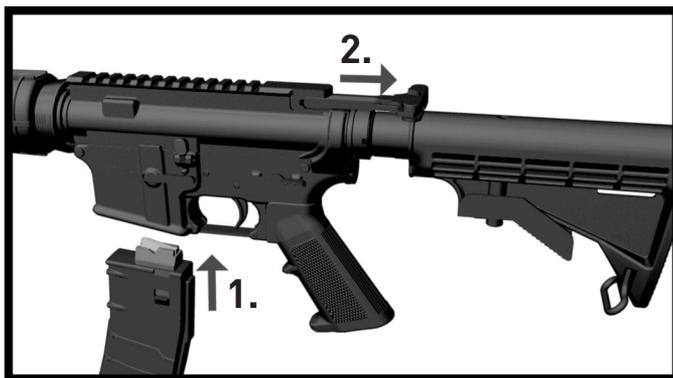


Figure 1

OPERATION INSTRUCTIONS

NOTICE:

The forward-assist will not function unless the conversion is equipped with a Forward Assist Adapter. These adapters are available to purchase if not originally equipped with the conversion kit.

This unit has been tested and fired. Light and subsonic ammunition may not operate as reliably (if at all) as will standard or high-velocity ammunition.

Firing:

1. Assume a firing position. Grasp the pistol grip with one hand, keeping your finger off the trigger and bringing the butt stock of the rifle to your shoulder.
2. Align your sights with the target.
3. Rotate the selector switch from “SAFE” to “SEMI” (or “FIRE”).
4. Squeeze the trigger until the hammer is released and the rifle fires.
5. When the magazine is expended, the bolt will be held open by the magazine follower and an empty chamber can be observed. When removing the magazine to reload, the bolt should close.

Malfunctions:

If the rifle fails to fire:

Pull the charging handle back and observe a cartridge being extracted and ejected. Release the charging handle to load another round and attempt to fire again.

If the rifle does not fully load a round into the chamber:
(failure to feed)

1. Clear the rifle, remove the magazine and pull the charging handle to the rear.
2. Remove any cartridges remaining in the action.
3. Reload the rifle and attempt to fire again.

If the rifle does not remove a round from the chamber:
(failure to extract)

1. Clear the rifle, remove the magazine and pull the charging handle to the rear.
2. Manually cycle the action. Pull and release the charging handle a few times to attempt an extraction of the stuck cartridge.
3. If this fails, retain the charging handle to hold the action open and remove the cartridge by hand.

TIPS, TRICKS & NOTES

- Use with a notched hammer is not recommended.
- Underload new magazines until they become easier to load. Slight bulging near the rim is normal on fired cartridges.
- For best results, CMMG recommends copper-plated 22LR ammunition.

DISASSEMBLY

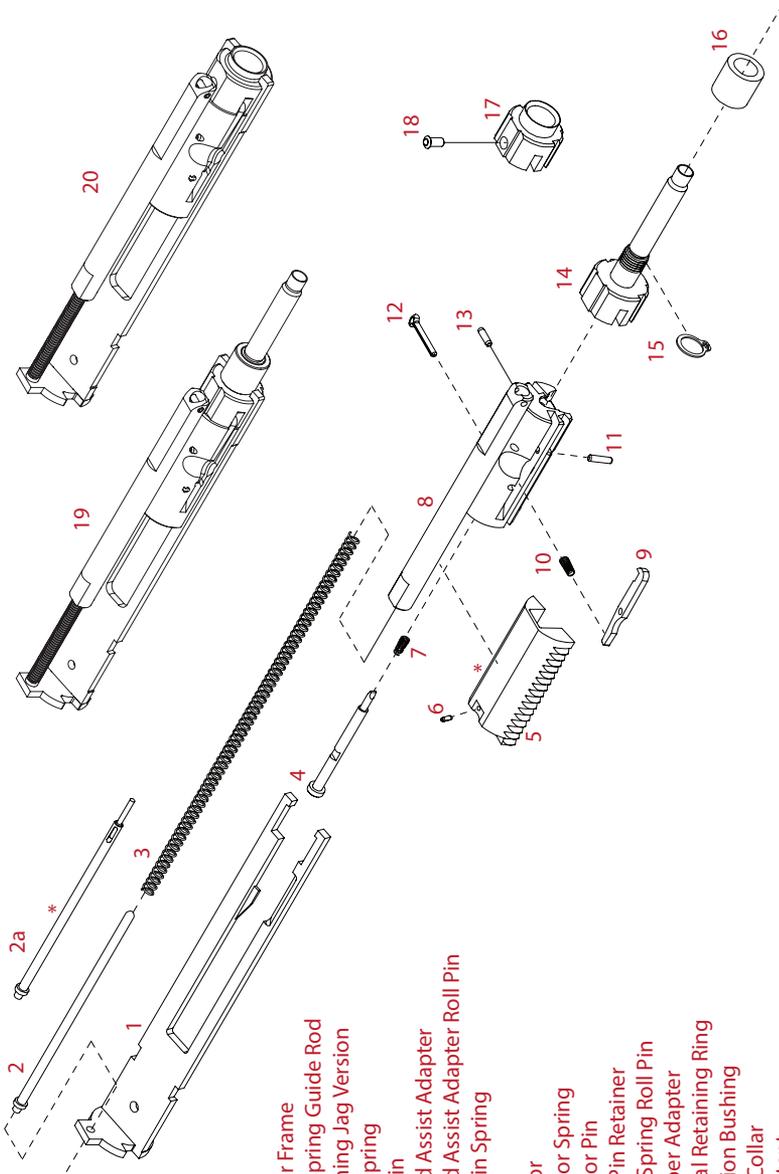
Begin with a rifle that has been unloaded and cleared. **NEVER** disassemble your rifle or kit while the firearm is loaded.

1. Remove the upper group. Begin by pushing out the takedown and pivot pins. (It may be easier to hold the receivers together while you push the pins out.)
2. Remove the bolt group. Once separated, the bolt group can be removed by pulling the charging handle out. At this stage the rifle is field-stripped for cleaning. Figure 2 shows the complete breakdown of a 22ARC bolt group.

To reassemble your rifle:

1. Insert the charging handle and bolt group into the upper receiver.
2. Ensure the bolt group is fully inserted and the back of the frame is flush with the back of the upper receiver.
3. Align the takedown and pivot pins when putting the receivers together, then push the pins in to secure the rifle together.

Figure 2



1. Receiver Frame
2. Recoil Spring Guide Rod
 - a. Cleaning Jag Version
3. Recoil Spring
4. Firing Pin
5. Forward Assist Adapter
6. Forward Assist Adapter Roll Pin
7. Firing Pin Spring
8. Bolt
9. Extractor
10. Extractor Spring
11. Extractor Pin
12. Firing Pin Retainer
13. Recoil Spring Roll Pin
14. Chamber Adapter
15. External Retaining Ring
16. Extension Bushing
17. Barrel Collar
18. Ball Detent
19. Conversion Bolt Group
20. Bolt Group

CARE AND CLEANING

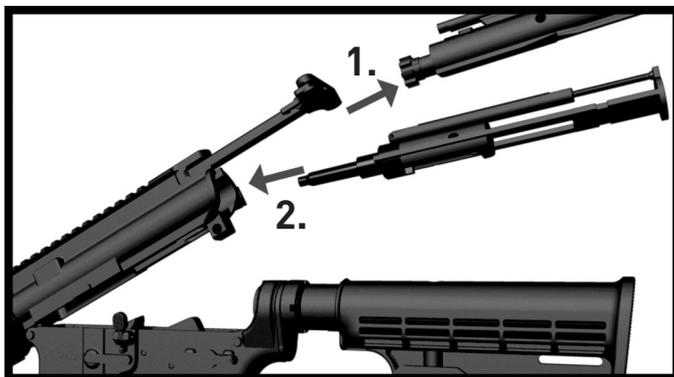
Proper maintenance will ensure the firearm performs optimally for the entirety of its lifetime.

- Use a cleaning fluid designed to clean carbon and lead fouling. The fluid should also protect metals from corrosion and have lubricating properties.
- Use of a bore brush and patches in conjunction with a cleaning fluid are recommended for the chamber and bore.
- A nylon cleaning brush and cleaning fluid is satisfactory for breaking up any fouling buildup.
- Wipe all surfaces and components clean and apply lubricant on any surface that endures metal to metal contact.
- While cleaning, inspect for broken or damaged components.

22AR CONVERSION KIT INSTALLATION

To install your 22ARC Kit:

1. Ensure your rifle is clear and push the takedown pin out to break open the receivers. Remove the 5.56 Bolt Carrier Group and place it in a safe place.
2. Insert the bolt conversion in place of your 5.56 bolt carrier group. Ensure it is fully seated. The back of the kit's frame should be flush with the upper receiver.



TIPS, TRICKS & NOTES

1. Remove the protective rubber cap from the chamber adapter prior to installation.
2. Do not leave the conversion bolt in the firearm after shooting. Remove it before storing the firearm.
3. This conversion may not work with certain after-market charging handles.
4. The rifle and kit should be cleaned after each use.

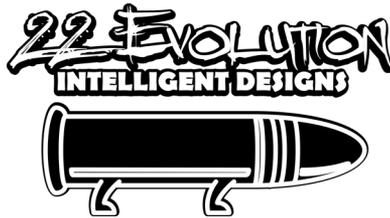
CMMG LIFETIME QUALITY GUARANTEE

CMMG, Inc. will guarantee its products against defects in material or workmanship. CMMG, Inc. will repair, replace or substitute part(s) (at CMMG, Inc. discretion) at no charge to the customer if a defect in material or workmanship is found. All service work must be carried out by CMMG, Inc. Please provide a copy of the Invoice or Proof of Purchase when requesting service or repair work.

Notes



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WARNING!

This product can expose you to chemicals including Cadmium, Lead, Cyanide Salts, or Nickel which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

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