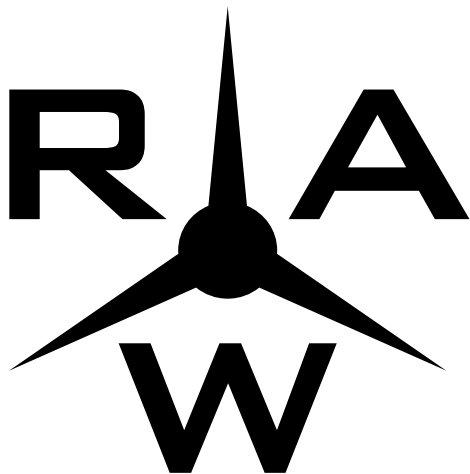


WARNING!

Please read this owner's manual before taking your new RED ARROW WEAPONS product out of the box. It is vital to your safety and the safety of others that you understand and adhere to the information contained in this manual, as well as information supplied by the manufacturer of the ammunition. If you have any questions, please call or write to:

RED ARROW WEAPONS, INC
3400 Grissom Pkwy. Cocoa, FL 32926



RED ARROW WEAPONS

Safety and Handling Instructions

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INTRODUCTION

You are now the owner of a RED ARROW WEAPONS product. With proper maintenance and care, it will serve you for many years to come.

To ensure the best performance from your firearm, please read and follow the instructions in this manual. Firearms are inherently dangerous and great emphasis should be placed on the need for safety. Always remember that you, as the owner, are the ultimate safety device.

You should become familiar with your firearm and its operation before using any live ammunition or actual firing. Study the instructions carefully and make sure you understand the firearm's operational guidelines.

This manual provides the necessary information you need to know in order to use your firearm safely and effectively. Should you have any questions or comments about this firearm or its use and maintenance, or if you need more information about other RED ARROW WEAPONS products and accessories, please write or call:

RED ARROW WEAPONS, INC
Customer Service Dept.
3400 Grissom Pkwy.
Cocoa, FL 32926

California Proposition 65 Warning

“Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm, and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after exposure.”

SAFETY INFORMATION

Before you remove your new RED ARROW WEAPONS product from the box, please read the following information. It is vital to both your safety and the safety of others.

Firearm safety is your responsibility.

This **SAFETY & HANDLING INSTRUCTIONS** manual should always accompany this firearm, and should be transferred with the firearm upon change of ownership or when the firearm is presented to another person.

WARNING: YOU MUST FOLLOW ALL OF THESE SAFETY RULES TO ENSURE THE SAFE USE OF YOUR FIREARM. FAILURE TO FOLLOW THE INSTRUCTIONS AND WARNINGS CONTAINED IN THIS MANUAL COULD CAUSE SERIOUS INJURY OR DEATH TO YOU OR OTHERS. DAMAGE TO PROPERTY MAY ALSO OCCUR.

ALWAYS KEEP YOUR FIREARM POINTED IN A SAFE DIRECTION. Never point a firearm at anyone or anything you do not intend to shoot, whether or not the firearm is loaded. This is particularly important when loading, unloading, or field-stripping the gun. ALWAYS control the direction of the firearm.

This firearm may be classified as a dangerous weapon and is surrendered by RED ARROW WEAPONS, INC with the understanding that the purchaser assumes all liability resulting from unsafe handling or any action that constitutes a violation of any applicable laws or regulations. Firearms can cause serious injury or death. Safety must be the prime consideration of anyone who handles firearms. Always treat a firearm as though it were loaded. Always keep the muzzle pointed in a safe direction.

When assuming ownership of a firearm, you become responsible for the safety and security of the firearm. Always secure firearms and keep out of the reach of children.

Children are attracted to and can operate firearms that can cause severe injuries or death. Prevent child access by 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.

ALWAYS TREAT EVERY FIREARM AS IF IT WERE LOADED AND WILL FIRE. Do not take anyone's word that the firearm is unloaded: always check for yourself. Never pass your firearm to another person until the cylinder or action is open and you confirm visually that it is unloaded. Keep your firearm unloaded and safely stored when not in use.

NEVER PLACE YOUR FINGER INSIDE THE TRIGGER GUARD OR ON THE TRIGGER UNLESS YOU INTEND TO FIRE.

ALWAYS BE SURE OF YOUR TARGET AND WHAT IS BEYOND IT. Always be sure where the bullet will strike, and shoot only where there is a safe backstop free of obstructions. Water or other surfaces can cause ricochets. Be sure your bullet will stop behind your target. Bullets can ricochet off many surfaces, such as rocks, and travel in unpredictable directions with considerable velocity. Do not fire randomly into the sky.

Make sure your "audience" maintains a five foot distance behind you. No one should stand next to you when you are firing a firearm.

GUN SAFETY IS YOUR RESPONSIBILITY

SAFETY INFORMATION



- **Never touch the trigger when working the action.**
- **Never alter any components of your firearm.**
- **Never keep a loaded firearm in your home, car, boat, or RV.**
- **Never store a firearm with a cartridge in the chamber.**
- **Never store firearms and ammunition together. Keep them secured and away from children.**

For maximum safety when carrying any firearm with a loaded magazine in place, the chamber should be empty, and the action should be closed. Any gun may fire if dropped or struck.

Only use clean, dry, high-quality commercially-manufactured ammunition, that is in excellent condition which is appropriate for your firearm. See pg. 6 for more information.

The use of reloaded and Non SAAMI spec ammunition will void this firearm's warranty. Reloads or poor-quality ammunition may not meet industry specifications (SAAMI and/or NATO), may exceed pressure limits, and may be unsafe.

Never use ammunition where the pressure levels exceed industry standards. RED ARROW WEAPONS, INC will not be held liable for any personal injury or property damage and consequential damages, if faulty ammunition is used in RED ARROW WEAPONS products.

Never take medications, drugs, or alcohol when handling firearms.

Never discharge a firearm without proper equipment. Always wear shooting glasses and hearing protection.

If the gun does not discharge after the trigger is pulled, do not change its direction for at least 30 seconds. The round could be a “hangfire”. If the gun sounds different or does not operate, unload the firearm and make sure the barrel is free from obstruction before continued firing.

Do not allow anyone to handle or attempt to fire a RED ARROW WEAPON until they have read and understand this manual and the procedures for safe operation and safe gun-handling.

Be sure that all accessories are compatible with the firearm and that the accessories do not interfere with safe operation.

Never cross obstacles such as fences or streams with a loaded firearm.

Before the rifle left the factory, this firearm was tested, carefully inspected and packaged. RED ARROW WEAPONS, INC cannot control product handling after it leaves the factory; therefore please examine this firearm carefully at the time of purchase to ensure that it is unloaded and undamaged.

Ammunition Specifications

RAW15:	5.56mm NATO .223 Remington
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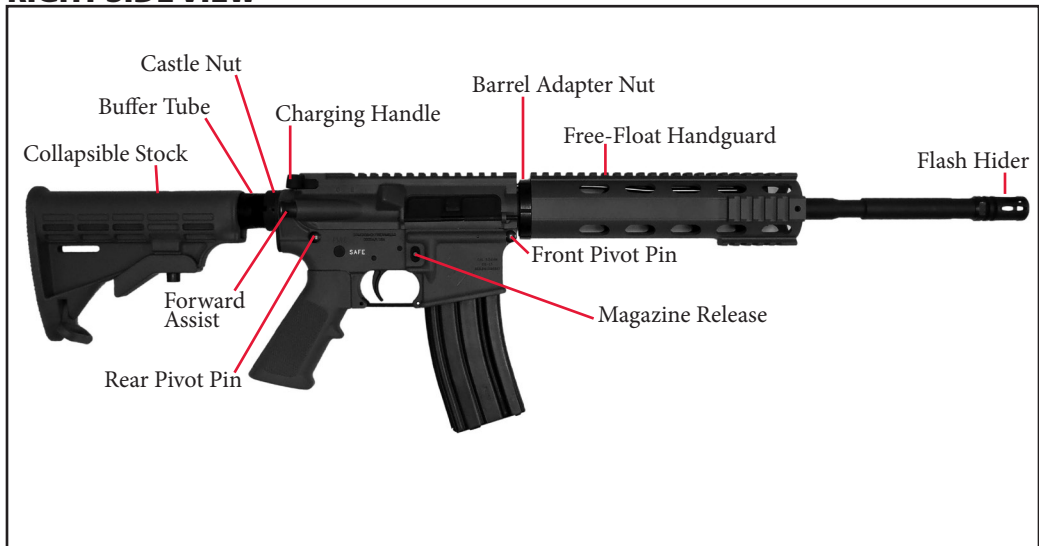
RAW10:	.308 Winchester
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RAW1065C:	6.5 Creedmoor
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RAW300:	300 AAC Blackout
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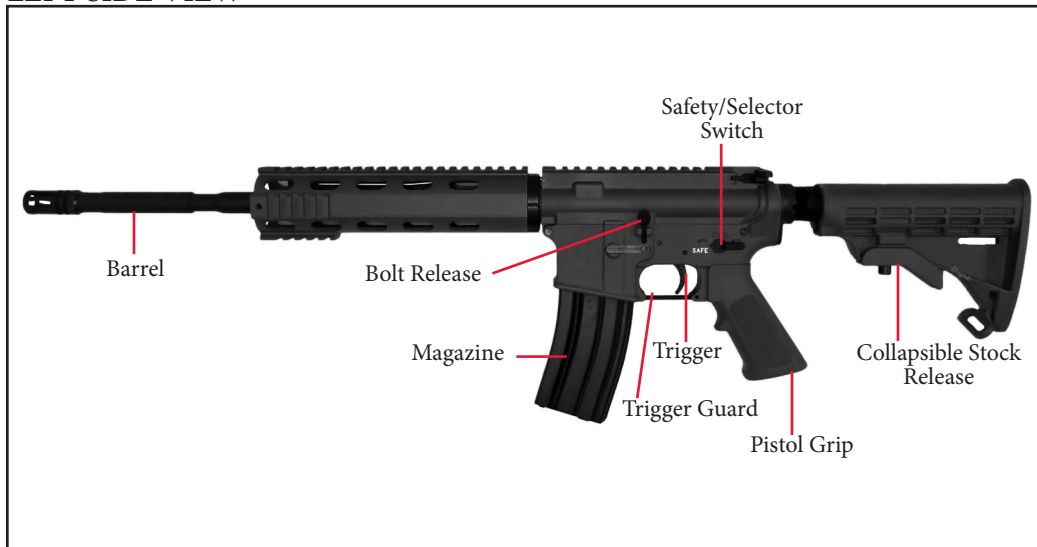
RAW15/300, RAW10 OVERVIEW

RIGHT SIDE VIEW



PICTURES MAY VARY FROM YOUR PRODUCT

LEFT SIDE VIEW



PICTURES MAY VARY FROM YOUR PRODUCT

BOLT CARRIER GROUP DETAIL

Bolt Carrier (RAW15)



Firing Pin Retaining Pin



Extractor Spring & Insert



Firing Pin (RAW15/300)



Firing Pin (RAW10)



Extractor



Extractor Pin



Bolt Carrier Group (RAW10)



GENERAL HANDLING CAUTIONS

1. **DO NOT** alter or modify your firearm, and have it serviced regularly.
2. Always handle your firearm as if loaded.
3. Never point your firearm at anything you don't intend to shoot.
4. Always make sure your firearm is not loaded and the bolt is latched open and to the rear before laying it down or handing it to someone else.
5. Never leave a loaded firearm unattended.
6. Always be sure bore, muzzle, chamber and action are clear of obstruction.
7. Always check that ammunition is clean and undamaged.
8. Never drink alcoholic beverages or take drugs before or during shooting.
9. Always wear eye and ear protection while shooting.
10. Always keep the safety on **"SAFE"** when the firearm is loaded and a round is chambered until ready to shoot.
11. Never attempt to fire if water is in the bore.
12. Never indulge in "horseplay" when holding your firearm.
13. Be sure the cam pin is installed in the bolt group. If it isn't, your rifle can still fire, but it could possibly explode, causing you personal injury or harm.
14. **DO NOT** exchange or switch bolt assemblies from one rifle to another. It can cause personal injury to you and others and damage your firearm.
15. If your firearm fails to fire, hold it, keep it pointed towards the target and wait 30 seconds. If a hang fire has occurred, the round should fire within 30 seconds. If the round does not fire, first remove the magazine, eject the round, and examine the primer. If the firing pin indent is light, misaligned or non-existent, have your firearm examined by a qualified gunsmith. If firing pin indent on the primer appears normal in comparison to previously fired rounds, assume faulty ammunition; appropriately dispose of misfired round from other live ammunition; reload and resume firing.

USE OF SAFETY SELECTOR

A selector lever, located on the left side of the lower receiver, has two positions. "FIRE" and "SAFE". When set to "FIRE" the firearm will fire a single shot each time the trigger is squeezed. When set to "SAFE" a cam bears upon the rear of the trigger, blocking movement and preventing the hammer from being released.

FUNCTION CHECK

SAFE Note: Remove the magazine and make sure your rifle is unloaded and there is no ammunition in the chamber. Point the firearm in a safe direction. Pull the charging handle to the rear and release. Place on safe. Pull the trigger. The hammer should not fall. See (Fig. 1)

FIRE Note: Remove the magazine and make sure your firearm is unloaded and there is no ammunition in the chamber. Point the firearm in a safe direction. Place the selector on fire. Pull the trigger and hold it to the rear. The hammer should fall. Pull the charging handle to the rear and release. Release trigger an audible click should be heard. Then pull again. The hammer should fall. See (Fig. 2)

The disconnecter. This part of the firing mechanism, prevents the firearm from slam firing. As the hammer is cocked after each shot, the disconnecter holds the hammer until the trigger is released. When the trigger is released, retention of the hammer passes from the disconnecter to the trigger, so it's ready for the next shot.

The firing pin collar prevents the firing pin from striking the cartridge until the bolt locking lugs are locked into the barrel. It is located in the bolt carrier group within the upper receiver.



"SAFE" The firearm will not fire. The selector lever cannot be on safe unless the firearm is cocked. Always place the firearm on "SAFE" when loading and unloading.

"FIRE" The firearm will fire one round each time the trigger is pulled.



LOADING THE MAGAZINE

1. Use only ammunition for which your firearm is chambered. See (pg 6)
2. With front of magazine forward, place a round between the lips of the magazine with bullets forward. Press the round down until it is retained by the magazine lips. Place the next round on top of the last and repeat until the desired number of bullets are loaded.

To load the firearm...

1. Press in on the bottom of the bolt catch while pulling back on the charging handle, to cock the hammer and leave the bolt and carrier to the rear. (Fig. 4)
2. Return the charging handle fully forward until it locks and remove finger from the bolt catch.
3. Set the selector to **“SAFE”**.
4. With the bullets facing forward, insert the loaded magazine into the magazine well and push it in until it stops and it is retained by the magazine catch. (Fig. 3)
5. With the firearm pointed in a safe direction, press in on top of the bolt catch. (Fig. 5) This will release the bolt and carrier and move a round into the chamber. The firearm is now loaded with a round in the chamber and the hammer cocked.
6. If your firearm is equipped with an ejection port cover, you may now close it if you wish; it is located on the right side of the upper receiver and will open automatically when the first round is fired or the chamber is cleared.



OPERATION

To unload the firearm...

1. Set the selector to the “SAFE” position.
2. Press the magazine catch button and remove the magazine. (Fig. 6)
3. Pull the charging handle to the rear and push in the lower portion of the bolt catch. If a round has been chambered it should be ejected. If the last round in the magazine had been fired and the magazine was in place, the bolt and carrier should already be locked back to the rear.

CAUTION: Always check that your ammunition is clean and undamaged before using the forward assist. Forcing damaged ammunition into the chamber could result in personal injury or death to you and others, and damage your rifle or property. The use of reloaded, hand loaded or high pressure ammunition can be dangerous and will void the warranty.

Make sure the firearm is pointed in a safe direction and the safety is engaged at all times while loading the firearm. **NEVER** allow your fingers or other objects to contact the trigger while loading or unloading the firearm. **DO NOT** disengage the safety until you are ready to fire and have the firearm pointed safely downrange.



FIG. 4



FIG. 5



FIG. 6

CLEARING YOUR FIREARM

1. Place the selector on **“SAFE”**.
2. Remove the magazine.
3. To lock the bolt open, pull the charging handle rearward (Fig. 7), press the button of the bolt catch and allow the bolt to move forward until it engages in the bolt catch. Return the charging handle to forward. If you haven't already done so, place the rifle on **“SAFE”**.
4. Check the receiver and chamber to ensure these areas contain no ammunition. (Fig. 8)
5. With the selector lever pointing toward Safe, allow the bolt to go forward by pressing the upper portion of the bolt catch.



FIG. 7



FIG. 8

FIRING YOUR RIFLE / PISTOL

**Never load a cartridge into the firearm until you are ready to fire.
DO NOT disengage the safety until the firearm is pointed in a safe direction
and you are ready to fire.**

To Fire...

- 1.** Always wear ear and eye protection when firing your weapon.
 - 2.** Load firearm as previously described.
 - 3.** Set rear sight to range required.
 - 4.** Grasp firearm with one hand on the hand guard and the other on the pistol grip with the trigger finger resting alongside the trigger guard. Raise the firearm and pull the butt-stock firmly into shoulder.
 - 5.** Aim by aligning the target with front and rear sights.
 - 6.** Move the selector to **"FIRE"**.
 - 7.** Keep steady aim, place the trigger finger on the trigger and squeeze gently until the trigger releases the hammer. Do not jerk the trigger as you will disturb your aim and ruin your accuracy. To fire the next round, and all subsequent rounds, all that is necessary is to release the trigger and squeeze it again after every shot, until you are finished or the magazine is empty.
 - 8.** Release the trigger, remove your finger from the trigger and set the selector lever to **"SAFE"**. If you have fired the last round from the magazine, the bolt and carrier will be held to the rear (Fig 8) so that you can quickly reload by replacing the magazine, or the chamber can be checked to ensure it is empty.
- Before firing your firearm, practice, your stance, aim, rhythm, and breathing for steady aim with your firearm unloaded. Practice firing on a range before going hunting or using your firearm for any other type of shooting.

MAINTENANCE

FIELD STRIPPING/DISASSEMBLY

Your Red Arrow Weapons product is based on military firearm design and is very rugged, but proper maintenance is necessary to keep it in good working condition.

Make sure the firearm is unloaded and chamber is clear. (Fig. 9)

1. Press the takedown pin from left of the lower receiver (it may be necessary to use a punch as the fit between upper and lower may be tight) Pull it out the right side until it comes to a positive stop. (Fig. 10)
2. Pivot lower receiver down and away from the upper portion of the receiver.
3. Press the front pivot pin in from the left side of the lower receiver and pull it out the right side until it comes to a positive stop.
4. You can now separate the upper and lower receivers.
5. Pull the charging handle to the rear and remove the bolt and carrier assembly.
6. Remove the charging handle by pulling it backwards to key slot and down and out of the receiver.
7. Push in the firing pin retaining pin right to left of the bolt carrier and remove it by pulling it out to the left.
8. Tilt the bolt face up and allow the firing pin to slide out of the bolt body.
9. Push the bolt in towards the carrier until it rotates and comes to a stop, then turn the cam pin 90 degrees. **FOR RAW308 ONLY: DO NOT TURN CAM PIN**



-
10. Remove the cam pin by lifting it out away from the bolt and carrier. (Fig 14)
 11. Pull the bolt forward and out of the carrier. (Fig 14)
 12. Depress the buffer, maintaining pressure on it as the buffer is under spring tension, to prevent it from being ejected when the buffer retainer is depressed. Depress the buffer retainer to permit the buffer and spring to move forward. Depress the hammer to allow the buffer and spring to move forward and be removed from the buffer tube. (Fig 14)
 13. Using a punch, remove the extractor pin from the bolt assembly. (Fig. 12)
 14. Remove the extractor and spring but DO NOT remove the spring from extractor.
 15. Press the top of the extractor spring rubber tip to test spring function. (Fig. 13)
 16. To remove the hand guards, push the delta ring towards the receiver while pulling up on half the hand guard. Repeat the process for the other half of the hand guard. This does not apply to models with free float handguards.

NOTE: DO NOT strip your firearm further than previously described. Further disassembly should only be performed by Red Arrow Weapons. Disassembling this rifle any further WILL void the warranty.

Your firearm is now field stripped for cleaning. To reassemble, repeat the procedure in reverse.



FIG.12

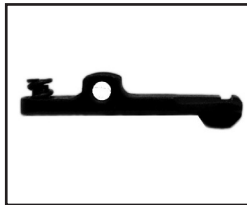


FIG.13

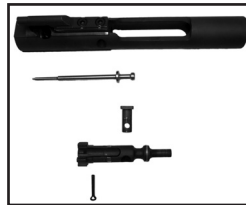


FIG.14

CLEANING PROCEDURE

Upper Receiver – Clean the following with Rifle Bore Cleaner:

All areas that show powder fouling, including the bore and chamber; the locking lugs and bolt body and the gas tube protrusion inside the upper receiver. Use a worn bore brush to get the outside surface of the gas tube protrusion and the sides and bottom of the receiver.

Bolt & Carrier Group – Clean the following with Rifle Bore Cleaner:

The cleaning should include the outer and inner surfaces of the bolt carrier, the carrier key; firing pin recess and firing pin; the firing pin hole (best cleaned with pipe cleaner) the areas behind the bolt ring and under the lip of the extractor.

Lower Receiver Group

Clean areas of powder fouling, corrosion and dirt. Wipe dirt from trigger mechanism. Clean buffer and inside lower receiver extension. (Fig. 15)



CAUTION: Do not use a wire brush or any type of abrasive material to clean aluminum surfaces.

Clean, Inspect and Lube...

With the firearm disassembled, thoroughly clean, inspect and lube so you have a reliable weapon you can always depend on. After firing, clean your firearm twice on consecutive days with rifle bore cleaner. Wipe off the excess cleaner and lube according to the previous instructions.

NOTE: If any parts are missing or damaged contact Red Arrow Weapons.

MAINTENANCE

LUBRICATION GUIDE

Lightly lube – A film of oil barely visible to the eye.

Generously lube – Heavy enough so that it can be spread with the finger. Remember to remove excess oil from the bore before firing.

Upper Receiver:

Lightly lube the bore and chamber. Work the lube patch from the chamber to the muzzle. Do not reverse the patch direction inside the bore.

Lightly lube the outer surfaces of the barrel and front sight as well as the barrel surface under the hand guard. Press the front sight detent several times to work lube into the spring below.

Bolt Carrier Group: Generously lube the outside of the bolt and carrier making sure to get lube into the cam pin area, gas rings and the outside of the bolt body.

CAUTION: Only lightly lube the firing pin and firing pin recess in the bolt.

Using a dry pipe cleaner or cotton swab, place one drop of lube on to the carrier key.

Lightly lube the charging handle and the inner and outer surfaces of the bolt carrier. (Fig. 16)

Generously lube the slide and cam pin area of the bolt if applicable.



LUBRICATION GUIDE (cont'd)

Lower Receiver:

Generously lube – Take down and pivot pins, lower receiver buffer and action spring and inside buffer tube. (Fig. 17 & 18)

Inspect your bolt and carrier parts before assembly.

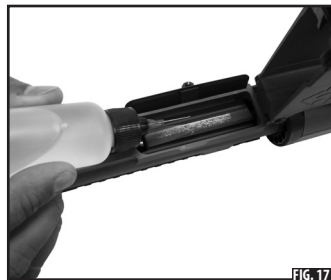
Examine the bolt for cracks, especially in the cam pin hole area.

Bolts that show pitting in the firing pin hole need to be replaced.

Firing pin – replace if bent cracked or blunted.

Retaining pin – Replace if bent, broken or badly worn.

Cam pin – Replace if cracked, chipped or missing.



If parts are missing or defective, contact Red Arrow Weapons for assistance.

WARNING: DO NOT interchange bolts between firearms.

ASSEMBLY

1. Insert spring and buffer. (Fig. 19)
2. Insert extractor and spring. New extractors have a silicone insert with a spring, be sure not to lose it. If the spring comes loose, put the large end of the spring in the extractor and seat.
3. Push in extractor pin.
4. Slide bolt into carrier.

WARNING: DO NOT interchange bolts between firearms.

5. Stagger ring gaps to minimize gas loss.

WARNING: Be sure that the cam pin is installed in the bolt group. Without it, the firearm can still fire, and will explode.

6. Replace bolt cam pin.
7. Drop in and seat firing pin.
8. Pull bolt back and replace retaining pin. The firing pin should not fall out when the bolt carrier group is turned vertically.
9. Engage, then push the charging handle part way into the upper receiver.
10. Be sure bolt is still unlocked. Slide in bolt carrier group.
11. Push in charging handle and bolt carrier group together.
12. Join upper and lower receivers.
13. Engage receiver pivot pin.
14. Close upper and lower receiver groups. Push in take down pins.

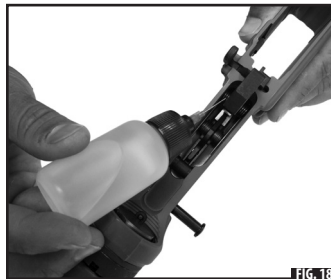


FIG. 18



FIG. 19

MAINTENANCE

ASSEMBLY (cont'd)

CAUTION: Selector must be on safe before closing upper receiver.

15. Put hand guards in place. Hold delta ring down to insert hand guards, then release the delta ring when hand guards are seated. This does not apply to models with four rail handguards. Check for full engagement.

COMMONLY REPLACED PARTS

Some parts wear with extended use. You should always replace these parts when you notice wear. Below is a list of these parts with Red Arrow Weapons ordering information

Extractor

Extractor Spring with Insert

Gas Rings

Firing Pin

Firing Pin Retaining Pin

Bolt Cam

Magazine

Select parts can be ordered from www.redarrowweapons.com . Place the product code into the search box to locate the parts you wish to order quickly.

UNUSUAL CONDITIONS

EXTREME COLD

- a. Clean and lubricate the firearm with gun lubricant. Keep it moisture free.
- b. Operate controls through their entire range at intervals, to keep them from freezing solid.
- c. When your rifle is not being used and kept outside, protect it with a cover.

HOT CLIMATES

- a. Inspect the firearm more frequently, especially the hidden surfaces of the bolt carrier group, forward assist assembly and lower receiver components. Make sure they are lubricated using a gun lubricant.
- b. When handling, make certain to wipe dry, as moisture could cause corrosion. After drying, lubricate the firearm.
- c. In hot, dry climates, clean more frequently.

DUSTY/SANDY AREAS

- a. Keep sand out of parts when inspecting, lubricating, or assembling firearm. Apply only a very light amount of lube on outside of firearm.
- b. Use muzzle cap and a magazine bag for dust and sand protection, but do not store the firearm capped or magazines in bag.

PROJECTILE LODGED IN BORE

WARNING: If an audible “POP” or reduced recoil is experienced during firing, **IMMEDIATELY** cease fire, remove the magazine and lock the bolt to the rear. Place the selector lever to the SAFE position. Visually inspect and/or insert a cleaning rod into the bore to ensure there is not a projectile lodged in the bore.

If a projectile is lodged in the barrel of the weapon, **DO NOT** attempt to remove it. Contact Red Arrow Weapons.

ALWAYS PRACTICE SAFE FIREARMS HANDLING—

EXTREME WEATHER CONDITIONS

WARNING: IF THIS FIREARM IS CARELESSLY OR IMPROPERLY HANDLED, UNINTENTIONAL DISCHARGE COULD RESULT AND COULD CAUSE INJURY, DEATH, OR DAMAGE TO PROPERTY.

CAUTION: CAREFULLY READ THIS INSTRUCTION MANUAL PRIOR TO LOADING AND FIRING THIS FIREARM. FOLLOW ALL INSTRUCTIONS ON THE PROPER HANDLING AND SAFE USE OF THIS FIREARM - LIVES MAY DEPEND ON IT!

CAUTION: USE ONLY CLEAN, DRY, HIGH QUALITY COMMERCIALY MANUFACTURED AMMUNITION IN GOOD CONDITION which is appropriate for your firearm.

See pg. 6 for more information.

RED ARROW WEAPONS does not recommend the use of re-manufactured or hand loaded ammunition because it may damage your rifle.

WARNING: THIS WEAPON COULD CHAMBER A ROUND if it is dropped or jarred with a loaded magazine in place - either with the Bolt Carrier Assembly locked to the rear, or in its forward position.

A SAFETY NOTE REGARDING LEAD... Discharging firearms in poorly ventilated areas, cleaning firearms, or handling ammunition may result in exposure to lead, a substance known to cause birth defects, reproductive harm, and other serious physical injury. Have adequate ventilation at all times. Wash hands thoroughly after exposure.

SERVICE

Should your firearm need adjustment, refinishing, or repair, it should be returned to the factory, **unloaded.**

When shipping the firearm, be sure to adhere to the following rules:

Federal Firearms Licensees are required to send an updated copy of their FFL with the return of a repair.

Firearms and contents must be shipped in a proper cardboard box.

Please do not ship with ammunition, it will not be returned.

You are responsible for knowing your state and federal firearm laws.

Individuals who wish to return the firearm for service can do so by shipping it to the address below. No return authorization number is required.

Any firearm shipped for service must have a child safety lock and key with it. If not then RED ARROW WEAPONS will include one upon return at the owners expense.

Include a letter of instruction, your full name, address, telephone number, and the firearms serial number. This will ensure prompt service and handling. Once your firearm has been received, anything other than warranty work will receive a quotation. You will be notified of full charges and no work will commence before your approval of the quote has been obtained.

RED ARROW WEAPONS accepts payments in the form of money orders, American Express, Discover, Mastercard and Visa. Please return your rifle to:

Red Arrow Weapons, INC
Service Dept.
3400 Grissom Pkwy.
Cocoa, FL 32926

WARNING

ALTERATIONS & MODIFICATIONS

Altering or modifying parts is dangerous and will void the warranty. This Red Arrow Weapons product was manufactured to perform properly with the original parts as designed. It is your duty to make sure any parts you buy are made for this product and are installed correctly and that neither the replacements nor originals are altered or changed. Your Red Arrow Weapons product is a complex precision tool with many parts that must relate correctly to other parts in order for proper and safe operation. Putting a firearm together wrong or with incorrect or modified parts can result in a damaged firearm, serious personal injury or death to you and others through malfunction. Always have a qualified gunsmith work on your firearm or at least check any work not performed by a gunsmith.

AMMUNITION WARNING

Due to a number of calls and comments concerning AR-type rifles, we have incurred feeding problems with the following:

- A) 1. Israeli ammunition
- 2. Korean ammunition

AMMUNITION WARNING (cont'd)

We have heard an reviewed several reports of problems with many manufacturers' rifles using this ammunition. The problem appears to be the bullet contour and the overall length of the cartridge, which is contacting the rifling before firing. This is creating a gas port pressure and chamber pressure higher than recommended, therefore causing feeding and extraction problems due to the increased bolt carrier velocity. In addition, there is accelerated fatigue on internal parts. There are also indications that brass may be oversized, which could create an unsafe condition.

B) 1. PMP

2. South African produced surplus

We have used this ammunition in the past for testing purposes and found that the brass is extremely soft and can "flow" into microscopic pores and groves in the chamber creating "sticky" extraction. This had been reported in many types of rifles, but is more prevalent in semi-automatic weapons

C) Lacquer Coated Ammunition or Steel-cased, lacquer coated ammunition

The problem with this ammunition is the lacquer coating on the case. As the barrel heats up, the lacquer turns to a soft, varnish substance and upon cool down, becomes very solid and difficult to remove. This effectively creates an undersized chamber and creates understandable problems.

AMMUNITION WARNING (cont'd)

Red Arrow Weapons recommends the use of high quality, domestically produced ammunition for best results and highest accuracy. For plinking and practice, we recommend only domestic, commercially manufactured ammunition or high quality surplus NATO specification ammunition.

Please note that the use of re-loaded ammunition voids the factory warranty as well as the use of the above-mentioned types of ammunition.

Your firearm is an investment and it only makes sense to choose quality ammunition for a quality firearm.

BARREL INFORMATION

To achieve the best results for accuracy you should clean the chamber and bore after every round for the first 25 rounds and then every 10 rounds up to 100 rounds. It usually takes about 200 rounds per barrel for optimum accuracy. Please keep in mind that our barrels are production barrels not custom barrels. Accuracy is dependent upon many factors such as bullet weight, powder load, rifling twist, rifling lands, operator technique, etc. Our production barrels have achieved anywhere from 1/8" to 1 1/2" M.O.A. Obviously, we would hope that every production barrel would shoot 1/8" M.O.A., but with all of the above factors, we cannot guarantee a specific group size.

RED ARROW WEAPONS, INC.

LIMITED LIFETIME WARRANTY

This “Limited Lifetime Warranty” has been drafted to comply with the MAGNUSON-MOSS WARRANTY FEDERAL TRADE COMMISSION IMPROVEMENT ACT which is effective for goods manufactured on or after December 31, 1976. RED ARROW WEAPONS, INC. warrants that this firearm was originally manufactured free from defects in material and workmanship.

RED ARROW WEAPONS, INC. agrees to correct any defect in material and/or workmanship for the original purchaser by repair or replacement **ONLY**. Proof of purchase required. A service or handling charge may be applied at the company’s discretion.

RED ARROW WEAPONS, INC. will not be responsible for defects resulting from careless handling, unauthorized adjustments or modifications, corrosion, neglect, abuse, failure to provide reasonable and necessary maintenance as described by this owners manual. Damage caused by hand loaded and/or reloaded or improper ammunition or damage caused from firing with any obstruction in the barrel will not be warranted. This warranty does not apply to ordinary wear and tear of any parts, including metal, plastic, or any other material used to manufacture this product, as well as all surface finishes. Red Arrow Weapons does not warranty aftermarket parts or damage or issues caused by them.

Under no circumstances shall RED ARROW WEAPONS, INC. be responsible for incidental or consequential damages with respect to economic loss or injury or property damage, whether as a result of breach of express or implied warranty, negligence or otherwise. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply in certain cases.

If you need to return your gun to RED ARROW WEAPONS for warranty or service related claims, please refer to the shipping instructions in the SERVICE section of this manual.

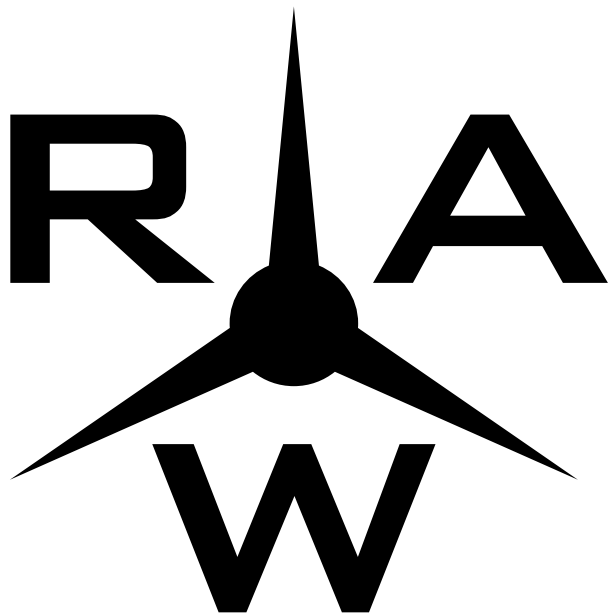
This RED ARROW WEAPONS Operating and Safety Instruction Manual should always be kept with your RED ARROW WEAPON, and in case of sale or transfer, should be passed on to subsequent owners.

Model: _____

Serial Number: _____

Sold To: _____

Date Sold: _____



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