



**COBALT**  
KINETICS

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OPERATING AND INSTRUCTION MANUAL FOR  
THE B.A.M.F. EDGE AND B.A.M.F. PRO SERIES  
RIFLES

WARNING!! READ THESE INSTRUCTIONS AND SAFETY WARNINGS CAREFULLY. BE SURE YOU FULLY UNDERSTAND THESE INSTRUCTIONS AND WARNINGS BEFORE USING THIS FIREARM. FAILURE TO READ AND FOLLOW THESE INSTRUCTIONS AND WARNINGS CAN RESULT IN SERIOUS INJURY OR DEATH TO THE SHOOTER AND OTHERS AND MAY DAMAGE PROPERTY!!

Table of Contents:

- 1. YOUR SAFETY RESPONSIBILITIES**
- 2. AMMUNITION**
- 3. NOMENCLATURE**
- 4. INITIAL INSPECTION AND SAFETY CHECK OF YOUR RIFLE**
- 5. "DD" DUAL DROP BOLT RELEASE**
- 6. FIELD STRIP PROCEDURES**
- 7. LUBRICATION**
- 8. REASSEMBLY**
- 9. FUNCTION CHECK**
- 10. MAKING PREPARATIONS TO FIRE**
- 11. LOADING PROCEDURES**
- 12. CLEARING MALFUNCTIONS**
- 13. UNLOADING THE WEAPON**
- 14. COMMON MALFUNCTIONS**
- 15. WARRANTY INFORMATION**
- 16. COMPANY CONTACTS**

# 1: YOUR SAFETY RESPONSIBILITIES

## **SAFETY IS THE NUMBER ONE RESPONSIBILITY OF EVERY FIREARM OWNER**

*WHETHER AT HOME, AT A SHOOTING RANGE OR IN THE FIELD, SAFETY IS EVERY FIREARM OWNER'S MAJOR RESPONSIBILITY.*

*LEARNING AND APPLYING THESE BASIC FIREARM SAFETY RULES EVERY TIME YOU HANDLE A FIREARM WILL ADD TO YOUR SHOOTING ENJOYMENT AND ELIMINATE DANGEROUS AND POTENTIALLY DEADLY SITUATIONS.*

### **TREAT EVERY GUN AS IF IT WERE LOADED!**

*NEVER TAKE ANYONE'S WORD FOR A FIREARM BEING UNLOADED.*

*ALWAYS CHECK FOR YOURSELF BY VISUALLY AND PHYSICALLY INSPECTING THE CHAMBER AND MAGAZINE FOR THE PRESENCE OF ANY AMMUNITION.*

### **NEVER PLACE YOUR FINGER ON THE TRIGGER UNTIL YOUR SIGHTS ARE ON A TARGET AND YOU ARE READY TO SHOOT.**

**NEVER COVER ANYTHING WITH THE MUZZLE OF THE FIREARM THAT YOU ARE NOT 100% WILLING TO DESTROY.**

**ALWAYS BE 100% SURE OF YOUR TARGET AND WHAT MAY BE BEHIND YOUR TARGET.**

*PROJECTILES CAN AND WILL RICOCHET WHEN HITTING WATER, ROCKS OR SOLID SURFACES SUCH AS CONCRETE OR ASPHALT.*

**FIREARM SECURITY IS YOUR PERSONAL RESPONSIBILITY.**

*BE SURE TO ALWAYS SAFELY SECURE FIREARMS FROM CHILDREN OR UNAUTHORIZED USERS. USE THE PROVIDED MAGAZINE CABLE LOCK TO INSURE SAFETY WHEN THE WEAPON IS LEFT UNATTENDED.*

**NEVER RELY ON THE MECHANICAL SAFETIES ALONE.**

*ONLY SAFE FIREARMS HANDLING DEMONSTRATED BY YOU WILL ENSURE THE SAFE USE OF YOUR FIREARM.*

**ALWAYS USE EYE AND EAR PROTECTION SPECIFICALLY DESIGNED FOR  
FIREARMS USE.**

**NEVER USE DRUGS OR ALCOHOL BEFORE OR DURING SHOOTING.**  
*EVEN SOME PRESCRIPTION MEDICATIONS CAN IMPARE YOUR MENTAL  
OR PHYSICAL CONDITION.*

**FULLY UNDERSTAND THE OPERATION OF YOUR FIREARM BEFORE  
HANDLING OR FIRING.**

**BEFORE ALLOWING ANY PERSON TO HANDLE THE FIREARM, ENSURE THEY  
HAVE READ AND FULLY UNDERSTAND THE SAFE OPERATING  
REQUIREMENTS.**

**WARNING: THE ASTETIC POINTS AND EDGES OF THE BAMF HAND GUARD  
AND MUZZLE DEVICE ARE SHARP; TO AVOID INJURY CARE SHOULD BE  
TAKEN WHEN HANDELING.**

## 2: AMMUNITION REQUIREMENTS

**WARNING!! NEVER USE AMMUNITION NOT SPECIFICALLY DESIGNED FOR YOUR FIREARM.**

**FAILURE TO USE THE CORRECT TYPE AND CALIBER AMMUNITION CAN RESULT IN JAMMING, FAILURE TO FIRE OR GENERATE EXCESSIVE PRESSURES WHICH MAY RUPTURE YOUR FIREARM LEADING TO SERIOUS INJURY, DEATH OR PROPERTY DAMAGE.**

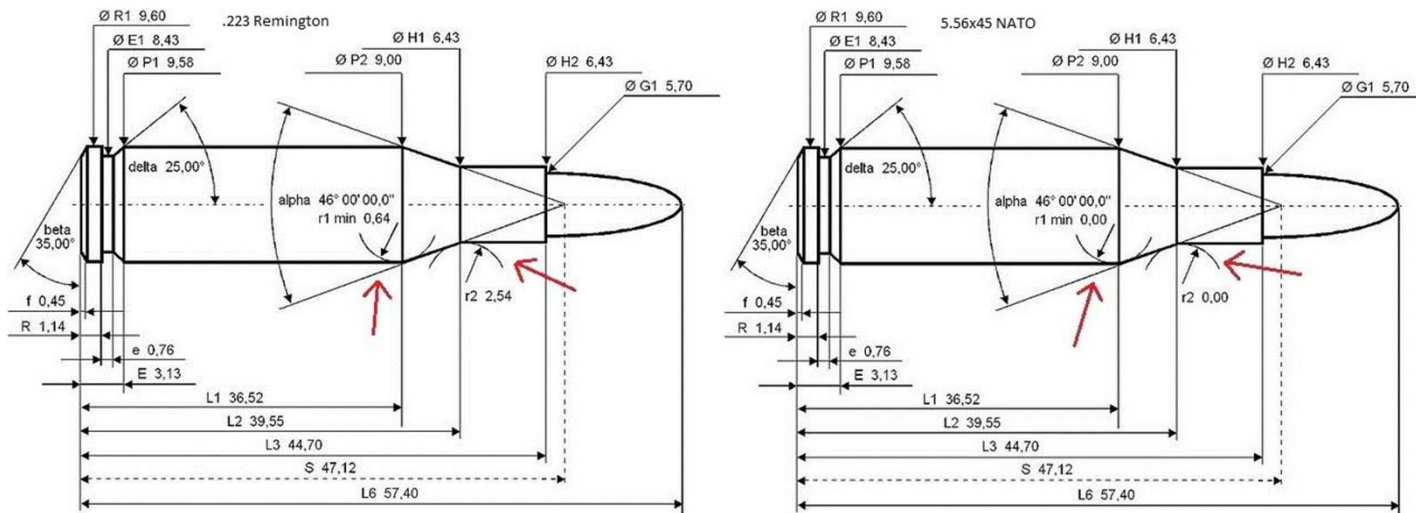
**LOCATE THE CALIBER DESIGNATION ON THE RIGHT SIDE OF THE LOWER RECEIVER ON YOUR FIREARM.**

**USE ONLY AMMUNITION WHICH MATCHES THIS DESIGNATION.**





**COBALT KINETICS HAS CHOSEN THE POPULAR .223 WYLDE CHAMBERING FOR OUR B.A.M.F. SERIES RIFLES. THIS CHAMBER CHOICE GIVES THE SHOOTER THE BEST ADVANTAGES OF BOTH THE .223 REMINGTON AND THE 5.56 X 45 NATO CARTRIDGES. BY COMBINING THE EXTERNAL DIMENSIONS AND LEAD ANGLES FOUND IN THE 5.56 X 45 CARTRIDGE WITH THE FREEBORE DIAMETERS USED IN THE COMMERCIAL .223 REMINGTON CARTRIDGE, **COBALT KINETICS** GIVES THE SHOOTER THE OPTION OF USING A VARIETY OF LOADS AND BULLET WEIGHTS.**



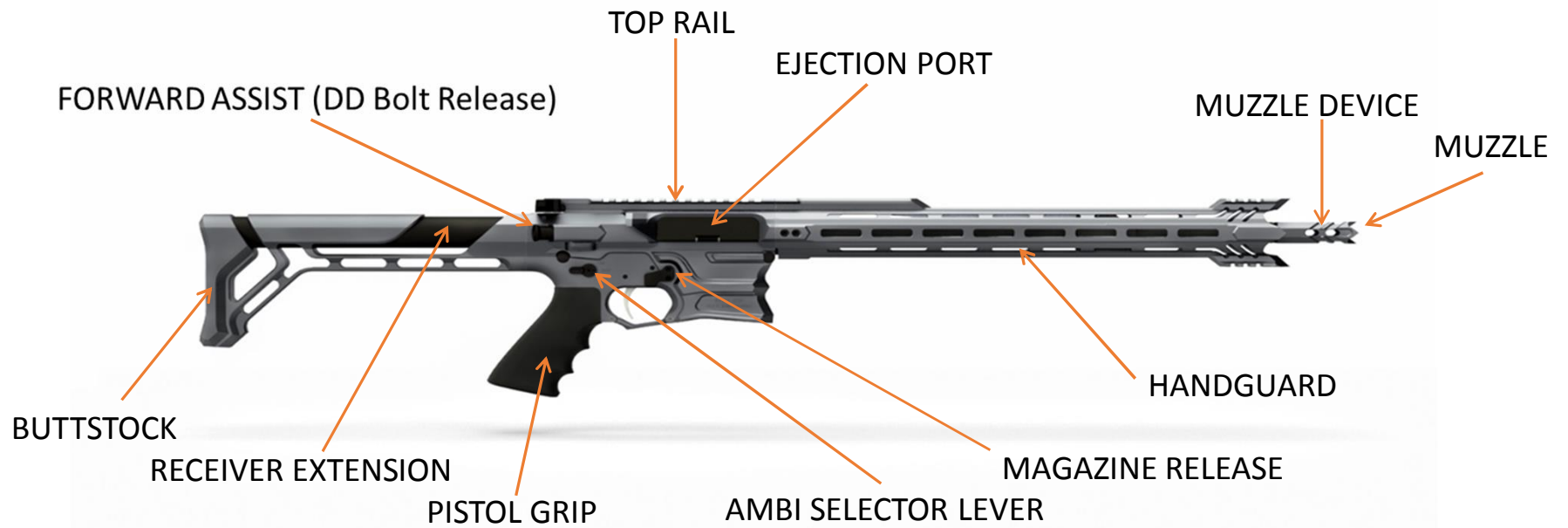
**ALWAYS USE COMMERCIALY AVAILBLE AMMUNITION WITH INTERNAL PRESSURES WHICH MEET THE STRICT REQUIREMENTS OF THE SPORTING ARMS AND AMMUNITION MANUFACTURES INSTITUTE (SAAMI) SPECIFICATIONS.**

**NEVER USE RELOADED OR HANDLOADED AMMUNITION WHICH HAS NOT BEEN TESTED FOR INTERNAL BALLISTIC PRESSURES AS SPECIFIED BY SAAMI.**

***AMMUNITION NOT FULLY TESTED MAY PRODUCE INTERNAL PRESSURES WHICH MAY EXCEED SAAMI MAXIMUM LEVELS. ALSO, RELOADED AMMUNITION MAY PRODUCE EXTREMELY LOW INTERNAL PRESSURES RESULTING IN "SQUIB" ROUNDS.***

**ALWAYS INSPECT YOUR AMMUNITION PRIOR TO LOADING INTO YOUR FIREARM. DIRTY, DAMAGED OR CORRODED AMMUNITION MAY CAUSE SEVERE DAMAGE TO THE FIREARM AND SHOOTER.**

### 3: NOMENCLATURE



# NOMENCLATURE

**CHARGING HANDLE**

**UPPER RECEIVER**

**FORWARD ASSIST**

**EJECTION PORT**

**EJECTION PORT COVER**

**TAKE DOWN PIN**

**AMBI SELECTOR LEVER**

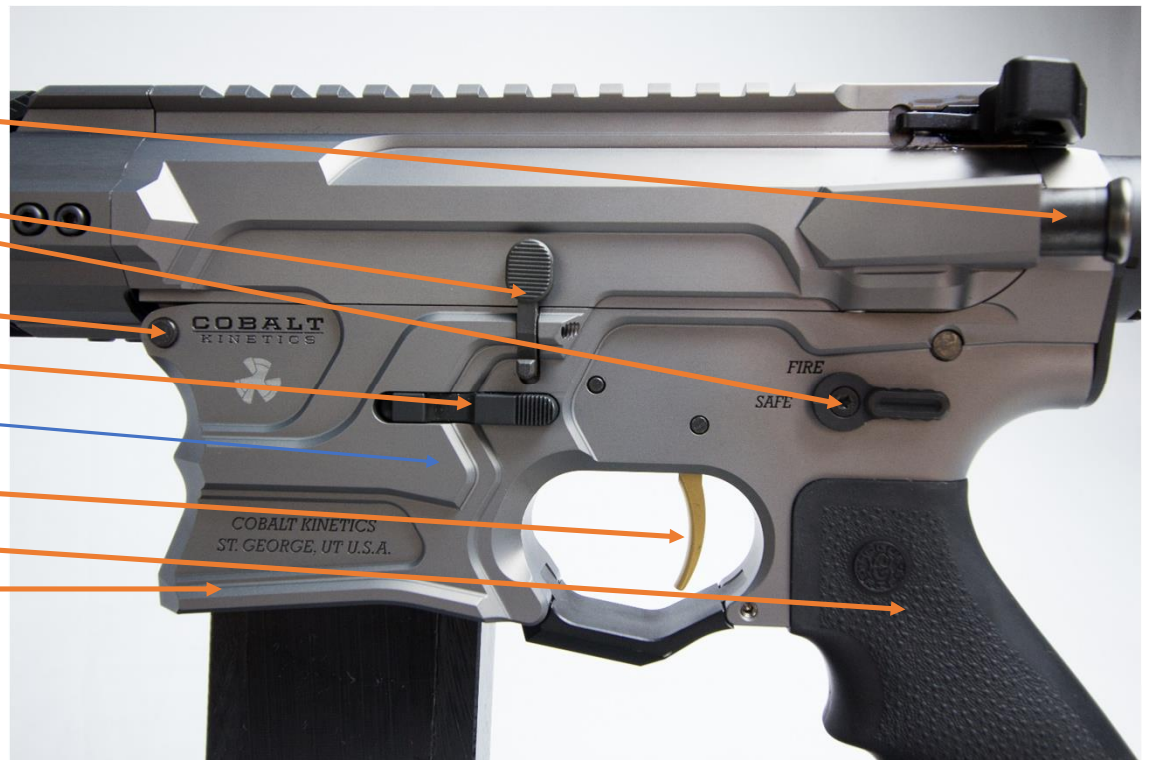
**MAGAZINE RELEASE**

**BUTTON**



# NOMENCLATURE

- “DD” BOLT DROP
- BOLT CATCH
- AMBI SELECTOR LEVER
- PIVOT PIN
- MAGAZINE CATCH
- LOWER RECEIVER
- TRIGGER
- PISTOL GRIP
- MAGAZINE WELL



#### 4: INITIAL INSPECTION AND SAFETY CHECK

BEGIN INITIAL INSPECTION BY POINTING THE RIFLE IN A SAFE DIRECTION. DEPRESS THE MAGAZINE RELEASE BUTTON AND REMOVE THE MAGAZINE FROM THE WEAPON.





PULL THE CHARGING HANDLE FULLY TO THE REAR. VISUALLY AND PHYSICALLY INSPECT THE CHAMBER TO INSURE NO AMMUNITION IS PRESENT.



RELEASE THE CHARGING HANDLE ALLOWING THE BOLT CARRIER ASSEMBLY TO TRAVEL FORWARD UNDER SPRING TENSION FROM THE BUFFER SPRING.





WHILE HOLDING THE WEAPON IN A SHOOTING GRIP, ROTATE THE SELECTOR LEVER TO THE “SAFE” POSITION. WITH THE SELECTOR ON SAFE, PULL THE TRIGGER TO THE REAR. THERE SHOULD BE NO MOVEMENT OF THE TRIGGER AND THE HAMMER SHOULD NOT BE RELEASED.

**\*NOTE COBALT KINETICS USES A 45 DEGREE THROW SELECTOR ALLOWING QUICKER AND SMOOTHER ENGAGEMENT OF THE SAFETY CONTROL.**



ROTATE THE SELECTOR TO THE “FIRE” POSITION AND PULL THE TRIGGER. YOU SHOULD FEEL MOVEMENT IN THE TRIGGER AND HEAR THE HAMMER FALL.



INSERT AN EMPTY MAGAZINE INTO THE MAGAZINE WELL, CHECKING THAT THE MAGAZINE CATCH POSITIVELY ENGAGES AND LOCKS THE MAGAZINE INTO POSITION.





DEPRESS THE MAGAZINE RELEASE AND ENSURE THE MAGAZINE DROPS FREELY FROM THE WEAPON.



## 5: “DD” DOUBLE DROP BOLT RELEASE SYSTEM

COBALT KINETICS HAS DEVELOPED AN INNOVATIVE FORWARD ASSIST SYSTEM WHICH INCORPORATES A BOLT RELEASE FEATURE. THE DD (DOUBLE DROP) SYSTEM UTILIZES AN ADDITIONAL FORWARD ASSIST ON THE LEFT SIDE OF THE UPPER RECEIVER. BOTH FORWARD ASSIST BUTTONS SERVE AS “BOLT DROP” DEVICES , ENABLING THE SHOOTER TO DROP THE BOLT FROM A LOCK BACK POSITION WITHOUT REMOVING THE FIRING GRIP ON THE WEAPON. BY SIMPLY MOVING THE THUMB OF THE SHOOTING HAND, THE SHOOTER CAN DROP THE BOLT BY SIMPLY PRESSING THE FORWARD ASSIST BUTTON ON EITHER SIDE OF THE RECEIVER.



## **6: FIELD STRIP DISASSEMBLY AND CLEANING**

YOUR NEW WEAPON WAS TREATED AT THE FACTORY WITH A PRESERVATIVE AND OIL TO PROTECT THE FIREARM DURING STORAGE AND SHIPPING. THIS PRESERVATIVE MUST BE REMOVED PRIOR TO INITIAL USE.

AFTER ENSURING THE WEAPON IS UNLOADED, USE A QUALITY SOLVENT DESIGNED FOR FIREARM USE AND WIPE DOWN ALL EXTERIOR SURFACES OF THE RIFLE.



WITH THE BOLT CARRIER ASSEMBLY IN THE FORWARD AND LOCKED POSITION, PUSH OUT THE REAR TAKE-DOWN PIN FROM LEFT TO RIGHT. THE TAKE-DOWN PIN IS A CAPTIVE PIN AND CANNOT BE REMOVED FULLY FROM THE RECEIVER DURING NORMAL FIELD DISASSEMBLY.



WITH THE TAKE-DOWN PIN PUSHED OUT FROM LEFT TO RIGHT, PIVOT THE REAR OF THE UPPER RECEIVER UP AND AWAY FROM THE LOWER RECEIVER.





WITH THE UPPER HINGED OPEN GRASP THE CHARGING HANDLE AND SLOWLY RETRACT THE BOLT CARRIER ASSEMBLY TO THE REAR. REMOVE THE BOLT CARRIER ASSEMBLY FROM THE REAR OF THE UPPER RECEIVER.



REMOVE THE CHARGING HANDLE BY ALIGNING THE EARS ON THE CHARGING HANDLE WITH THE CORRESPONDING CUTOUT IN THE UPPER RECEIVER.



WITH THE BOLT CARRIER ASSEMBLY AND CHARGING HANDLE REMOVED, PUSH THE PIVOT PIN FROM THE LEFT SIDE OF THE RECEIVER. AGAIN, THE PIVOT PIN IS A CAPTIVE PIN AND CANNOT BE FULLY REMOVED FROM THE RECEIVER DURING NORMAL FIELD DISASSEMBLY.



WITH THE PIVOT PIN PUSHED OUT, THE UPPER RECEIVER CAN BE SEPARATED FROM THE LOWER RECEIVER.



USING A SMALL PUNCH, PUSH OUT THE FIRING PIN RETAINING PIN ALLOWING THE FIRING PIN TO DROP FROM THE BOLT CARRIER.





WITH THE FIRING PIN REMOVED, PUSH THE BOLT BACK INTO THE BOLT CARRIER.



ROTATE THE CAM PIN 90 DEGREES ON THE BOLT CARRIER AND PULL THE CAM PIN OUT OF THE SLOT ON THE BOLT CARRIER.



WITH THE CAM PIN REMOVED, PULL THE BOLT FROM THE BOLT CARRIER.





PRESS IN THE REAR OF THE EXTRACTOR AND USE A SMALL PUNCH TO PUSH OUT THE EXTRACTOR PIN. LIFT THE EXTRACTOR FROM THE SLOT ON THE BOLT. BE AWARE THERE IS A SMALL SPRING AND INSERT PRESSED INTO THE UNDERSIDE OF THE EXTRACTOR. CARE SHOULD BE TAKEN TO NOT LOSE THIS COMPONENT.



THE RIFLE IS NOW FIELD STRIPPED AND READY FOR CLEANING. USE A QUALITY SOLVENT TO REMOVE ANY PRESERVATIVE FROM ALL METAL SURFACES. BE SURE TO CLEAN THE BORE USING SOLVENT SOAKED PATCHES. FOLLOW THIS CLEANING WITH AN APPLICATION OF A QUALITY OIL OR LUBRICANT DESIGNED FOR FIREARMS USE.



TO REMOVE ANY PRESERVATIVE, WIPE ALL METAL SURFACES WITH A SOLVENT SOAKED CLOTH.



USING A QUALITY LUBRICANT DESIGNED FOR FIREARMS USE, WIPE DOWN ALL METAL SURFACES.





## 7: LUBRICATION REQUIREMENTS

### “ UPPER RECEIVER

A light coat of quality gun oil should be applied to the inner and outer surfaces of the Upper Receiver and barrel. Use a cleaning rod and patch to apply a light coat of oil to the chamber and bore. Never use grease or heavy oils.

### “ LOWER RECEIVER

A light coat of quality gun oil should be used on all of the lower receiver components to include the hammer, trigger, selector, “DD” components, bolt catch, magazine catch and release. Also be sure to lubricate the take down pin and pivot pin. Wipe the exterior surfaces with an oiled cloth.

### “ BOLT CARRIER ASSEMBLY

A light coat of quality gun oil should be used to wipe down all of the Bolt Carrier Assembly components.

Firing Pin and retaining pin

Bolt body, extractor, gas rings

Bolt Carrier, cam pin and charging handle

\*Avoid getting oil inside of the carrier key nozzle.

## 8: REASSEMBLY OF FIELD STRIPPED COMPONENTS

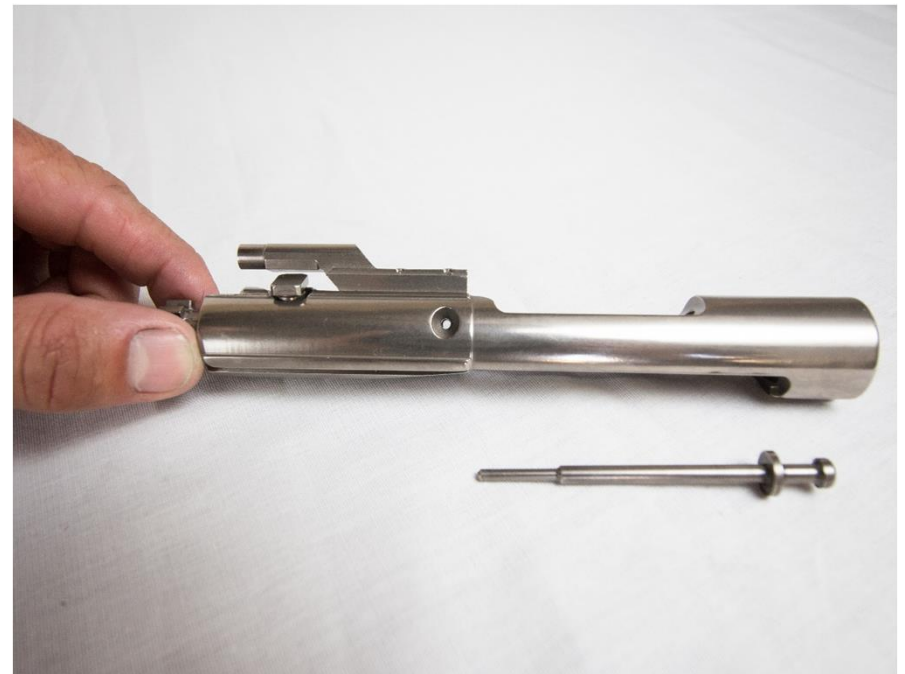
FOLLOWING LUBRICATION, REASSEMBLE THE FIELD STRIPPED COMPONENTS IN THE CORRECT ORDER. REINSTALL THE EXTRACTOR BY INSERTING INTO THE BOLT BODY AND RETAINING WITH THE EXTRACTOR PIN.



INSERT THE BOLT INTO THE BOLT CARRIER ASSEMBLY. BE SURE TO ALIGN THE BOLT PROPERLY WITH THE EXTRACTOR FACING THE RIGHT SIDE OF THE BOLT CARRIER.

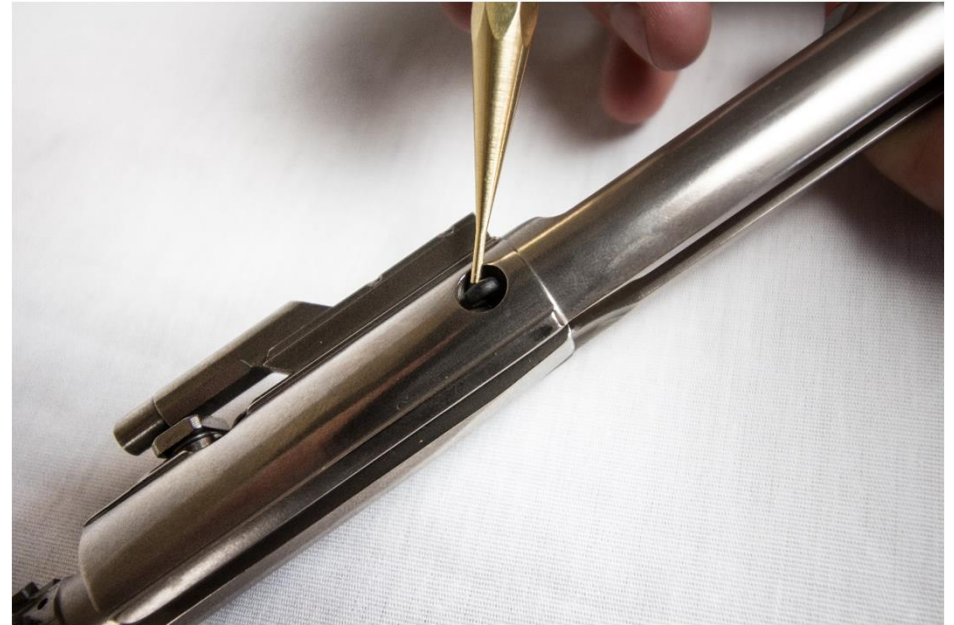


INSTALL THE CAM PIN INTO THE CAM PIN SLOT, THEN ROTATE 90 DEGREES TO ALLOW FIRING PIN INSTALLATION.





INSTALL THE FIRING PIN INTO THE BOLT AND PUSH FULLY FORWARD. USE THE FIRING PIN RETAINING PIN TO SECURE THE FIRING PIN IN THE BOLT CARRIER ASSEMBLY.



INSTALL THE CHARGING HANDLE INTO THE UPPER RECEIVER BY ALIGNING THE EARS OF THE CHARGING HANDLE WITH THE CORRESPONDING CUTOUT IN THE UPPER RECEIVER.



WITH THE BOLT PUSHED BACK FULLY INTO THE BOLT CARRIER INSTALL THE BOLT CARRIER ASSEMBLY INTO THE UPPER RECEIVER.



ALIGN THE UPPER AND LOWER RECEIVERS AND INSTALL THE PIVOT PIN.



CLOSE THE UPPER AND LOWER RECEIVERS AND INSTALL THE TAKE DOWN PIN.



## 9: FUNCTION CHECK

ALWAYS PERFORM A FUNCTION CHECK TO ENSURE COMPONENTS HAVE BEEN REINSTALLED CORRECTLY

- “ PULL CHARGING HANDLE TO REAR
- “ ALLOW THE BOLT CARRIER ASSEMBLY TO MOVE FORWARD UNDER POWER OF THE BUFFER SPRING
- “ WITH SELECTOR ON “SAFE” PRESS THE TRIGGER. NOTHING SHOULD HAPPEN.
- “ MOVE THE SELECTOR TO “FIRE” AND PRESS THE TRIGGER. THE HAMMER SHOULD FALL.
- “ \* IF THE WEAPON FAILS ANY OF THESE CHECKS, DISASSEMBLE AND CORRECT ANY ASSEMBLY ERRORS.

## **10: PREPARING TO FIRE**

- “ THOROUGHLY UNDERSTAND THE OPERATIONAL COMPONENTS OF YOUR RIFLE BEFORE ATTEMPTING TO FIRE
- “ FAMILIARIZE YOURSELF WITH THE LOCATION OF THE SELECTOR, TRIGGER, BOLT CATCH, MAGAZINE CATCH AND RELEASE AND MUZZLE LOCATION
- “ POINT THE WEAPON IN A SAFE DIRECTION AND CHECK TO ENSURE THE CHAMBER IS CLEAR BY PULLING THE CHARGING HANDLE TO THE REAR
- “ ALLOW THE BOLT CARRIER ASSEMBLY TO FULLY CLOSE AND LOCK UNDER THE POWER OF THE BUFFER SPRING
- “ ENSURE THE SELECTOR LEVER IS IN THE “SAFE” POSITION



## 11: LOADING THE MAGAZINE AND WEAPON

- “ INSPECT ALL AMMUNITION TO INSURE ONLY QUALITY, DAMAGE FREE AMMUNITION OF THE PROPER CALIBER IS BEING USED
- “ LOAD ROUNDS INDIVIDUALLY INTO THE MAGAZINE ENSURING THEIR PROPER POSITION IN THE MAGAZINE





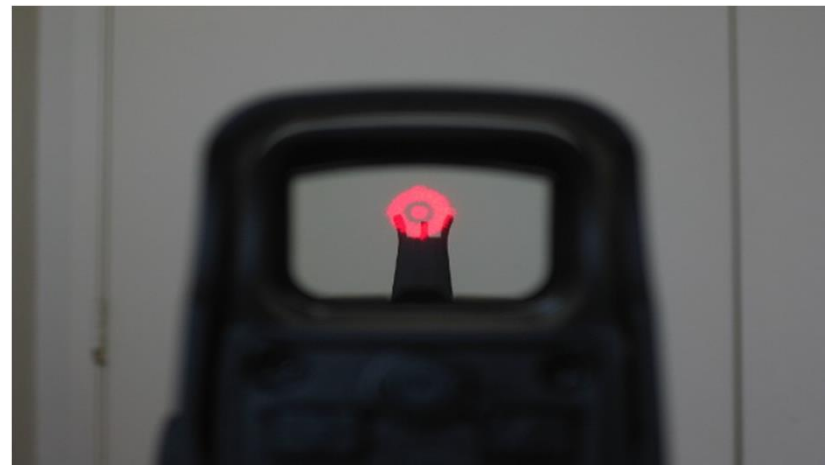
WITH THE SELECTOR IN THE “SAFE” POSITION INSERT A LOADED MAGAZINE INTO THE MAGAZINE WELL. BE SURE TO FULLY INSERT THE MAGAZINE UNTIL IT POSITIVELY LOCKS IN POSITION



WITH THE SELECTOR IN THE “SAFE” POSITION, PULL THE CHARGING HANDLE FULLY TO THE REAR AND RELEASE, ALLOWING THE BOLT CARRIER ASSEMBLY TO TRAVEL FORWARD UNDER POWER OF THE BUFFER SPRING. THIS ACTION WILL STRIP A LIVE ROUND OF AMMUNITION FROM THE MAGAZINE AND PLACE IT IN THE CHAMBER OF THE RIFLE. YOUR WEAPON IS NOW LOADED AND READY TO FIRE.



WITH THE MUZZLE POINTED DOWN RANGE AND THE WEAPON SHOULDERED, ALIGN THE SIGHTS WITH YOUR TARGET OF CHOICE. ROTATE THE SELECTOR LEVER TO THE "FIRE" POSITION AND PLACE FINGER ON TRIGGER. WHEN THE SIGHTS ARE PROPERLY ALIGNED ON TARGET, LIGHTLY PRESS THE TRIGGER AND FIRE THE WEAPON.



THE WEAPON WILL FIRE, UNLOCK, EXTRACT AND EJECT THE FIRED ROUND, FEED AND CHAMBER A NEW ROUND. BE SURE YOUR MUZZLE REMAINS POINTED DOWN RANGE IN A SAFE DIRECTION.

“ BECAUSE THE WEAPON IS A SEMI-AUTOMATIC, TO FIRE AGAIN, THE TRIGGER MUST BE FULLY RELEASED AND THEN REENGAGED.

“ DURING THIS RESET ACTION, MAKE SURE YOU KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.

“ WHEN SIGHTS ARE NOT ALIGNED WITH A TARGET, YOUR FINGER SHOULD BE REMOVED FROM THE TRIGGER AND THE SELECTOR PLACED IN THE “SAFE” POSITION. THIS SIMPLE, DELIBERATE ACTION GUARANTEES A SAFE SHOOTING EXPERIENCE.

**AFTER SHOOTING, ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION AND ROTATE THE SAFETY TO THE “SAFE” POSITION**

- “ IF ALL AMMUNITION IS EXPENDED DURING SHOOTING, THE BOLT CARRIER ASSEMBLY WILL AUTOMATICALLY LOCK INTO THE OPEN POSITION.
- “ PLACE THE SELECTOR IN THE “SAFE” POSITION
- “ TO RELOAD THE WEAPON, KEEP THE MUZZLE POINTED DOWN RANGE, DEPRESS THE MAGAZINE RELEASE AND REMOVE THE EMPTY MAGAZINE FROM THE WEAPON.
- “ INSERT A FRESH LOADED MAGAZINE FULLY INTO THE MAGAZINE WELL AND ENSURE IT LOCKS INTO POSITION.
- “ PRESS THE BOLT CATCH OR THE “DD” BOLT DROP TO ALLOW THE BOLT CARRIER ASSEMBLY TO TRAVEL FORWARD. AT THIS POINT THE WEAPON IS NOW LOADED AGAIN WITH A LIVE ROUND IN THE CHAMBER AND IS READY TO FIRE.



## 12: CLEARING MALFUNCTIONS

- “ IN THE COURSE OF FIRING, SHOULD THE BOLT CARRIER ASSEMBLY NOT FULLY CLOSE, USE THE “DD” FORWARD ASSIST FEATURE TO PUSH THE BOLT ASSEMBLY FULLY CLOSED.
- “ SHOULD THIS ACTION NOT WORK TO FULLY CLOSE THE BOLT ASSEMBLY, PULL THE CHARGING HANDLE TO THE REAR.
- “ THIS MOTION WILL EXTRACT AND EJECT THE ROUND FROM THE WEAPON.
- “ RELEASE THE CHARGING HANDLE ALLOWING THE BOLT CARRIER ASSEMBLY TO TRAVEL FORWARD UNDER THE POWER OF THE BUFFER SPRING.
- “ SHOULD THE NEXT ROUND FAIL TO CHAMBER, REMOVE THIS ROUND. REMOVE THE MAGAZINE FROM THE WEAPON, PLACE THE WEAPON ON “SAFE” AND MOVE TO AN AREA WHERE YOU CAN SAFELY INSPECT THE CHAMBER FOR ANY DIRT, FOULING OR OBSTRUCTIONS IMPEDING THE CHAMBERING OF AMMUNITION.

## **COMMON MALFUNCTIONS (CONTINUED)**

- “ IN ADDITION TO CHECKING THE CHAMBER FOR OBSTRUCTIONS, INSURE THE CORRECT CALIBER AMMUNITION IS BEING USED
- “ CHECK TO ENSURE THE MAGAZINE CATCH IS FULLY ENGAGING THE MAGAZINE, PRESENTING ROUNDS IN PROPER ALIGNMENT FOR FEEDING
- “ FUNCTION THE WEAPON WITH DIFFERENT MAGAZINES TO SEE IF A DAMAGED MAGAZINE CAUSED THE INITIAL MALFUNCTION

## 13: UNLOADING THE WEAPON

- “ FOLLOWING YOUR SHOOTING EXPERIENCE, ANY AMMUNITION LEFT IN THE CHAMBER NEEDS TO BE REMOVED FROM THE WEAPON PRIOR TO LEAVING THE RANGE.
- “ TO UNLOAD THE WEAPON, ENSURE THE MUZZLE IS POINTED IN A SAFE DIRECTION.
- “ PLACE THE SELECTOR IN THE “SAFE” POSITION.
- “ DEPRESS THE MAGAZINE RELEASE AND REMOVE THE MAGAZINE FROM THE WEAPON.
- “ RETRACT THE CHARGING HANDLE TO EXTRACT AND EJECT THE LIVE AMMUNITION FROM THE CHAMBER.
- “ USE THE BOLT CATCH TO LOCK THE BOLT CARRIER ASSEMBLY TO THE REAR.
- “ VISUALLY AND PHYSICALLY INSPECT THE CHAMBER AND INSIDE OF THE RECEIVER TO INSURE NO AMMUNITION IS LEFT IN THE WEAPON.

## 14: COMMON MALFUNCTIONS

MALFUNCTION	CHECK	SOLUTION
FAILURE TO FIRE	BROKEN FIRING PIN	REPLACE FIRING PIN
	BROKEN HAMMER	REPLACE HAMMER
	BROKEN HAMMER SPRING	REPLACE HAMMER SPRING
	AMMUNITION PROBLEM	REPLACE AMMUNITION
	IMPROPER ASSEMBLY OF FIRING PIN	ASSEMBLE CORRECTLY ENSURING FIRING PIN RETAINING PIN IS INSTALLED CORRECTLY
	SELECTOR ON "SAFE"	PLACE SELECTOR ON "FIRE"
	HAMMER NOT COCKED	CHARGE WEAPON AGAIN

## COMMON MALFUNCTIONS (CONTINUED)

MALFUNCTION	CHECK	SOLUTION
FAILURE TO UNLOCK	GAS SYSTEM	CLEAN OR REPLACE GAS TUBE
	LOOSE CARRIER KEY	CLEAN AND REPLACE CARRIER KEY SCREWS
	WEAK AMMUNITION	REPLACE WITH QUALITY AMMUNITION
	DIRTY OR FOULED CHAMBER	CLEAN WEAPON



## COMMON MALFUNCTIONS (CONTINUED)

<b>MALFUNCTION</b>	<b>CHECK</b>	<b>SOLUTION</b>
FAILURE TO EXTRACT	BROKEN EXTRACTOR	REPLACE EXTRACTOR
	WORN EXTRACTOR SPRING	REPLACE EXTRACTOR SPRING
	DIRTY OR FOULED CHAMBER	CLEAN CHAMBER AND BARREL
	FOULED OR MISALIGNED GAS TUBE	CLEAN OR REPLACE GAS TUBE
	GAS SYSTEM LEAKAGE	CHECK AND REPLACE GAS SYSTEM COMPONENTS

## COMMON MALFUNCTIONS (CONTINUED)

MALFUNCTION	CHECK	SOLUTION
FAILURE TO EJECT	BROKEN EJECTOR	REPLACE EJECTOR
	STUCK EJECTOR	CLEAN EJECTOR COMPONENTS
	GAS LEAKAGE	CHECK GAS SYSTEM AND REPLACE COMPONENTS
	DIRTY OR DAMAGED BUFFER SPRING	CLEAN OR REPLACE BUFFER SPRING

## COMMON MALFUNCTIONS (CONTINUED)

<b>MALFUNCTION</b>	<b>CHECK</b>	<b>SOLUTION</b>
FAILURE TO COCK	GAS LEAKAGE	CHECK AND REPLACE GAS SYSTEM COMPONENTS
	BROKEN DISCONNECT SPRING	REPLACE DISCONNECT SPRING
	BROKEN DISCONNECT	REPLACE DISCONNECT

## COMMON MALFUNCTIONS (CONTINUED)

<b>MALFUNCTION</b>	<b>CHECK</b>	<b>SOLUTION</b>
FAILURE TO FEED	DAMAGED MAGAZINE FOLLOWER OR FEED LIPS	REPLACE MAGAZINE
	WORN MAGAZINE CATCH	REPLACE MAGAZINE CATCH
	WORN OR DAMAGED BUFFER SPRING	REPLACE BUFFER SPRING
	MAGAZINE NOT SEATED PROPERLY	PUSH MAGAZINE FULLY INTO MAGAZINE WELL
	DAMAGED OR DIRTY AMMUNITION	REPLACE AMMUNITION

## COMMON MALFUNCTIONS (CONTINUED)

<b>MALFUNCTION</b>	<b>CHECK</b>	<b>SOLUTION</b>
FAILURE TO CHAMBER	DIRTY OR FOULED CHAMBER	CLEAN CHAMBER AND BORE
	WORN OR DAMAGED BUFFER SPRING	REPLACE BUFFER SPRING
FAILURE TO LOCK	WORN OR DAMAGED BUFFER SPRING	REPLACE BUFFER SPRING
	DIRTY OR FOULED CHAMBER OR LOCKING LUG RECESSES	CLEAN BARREL EXTENSION AND CHAMBER



## **15: WARRANTY INFORMATION**

“Warranty information forthcoming; contact Cobalt Kinetics in the interim, thank you.

## 16: COMPANY CONTACT INFORMATION

- “ PARTS and SERVICE: Please contact the armorer who assembled your firearm: their email has been provided on a card placed in your owners packet.
- “ TELEPHONE: (435) 656-0599
- “ WEBSITE: [www.cobaltkinetics.com](http://www.cobaltkinetics.com)