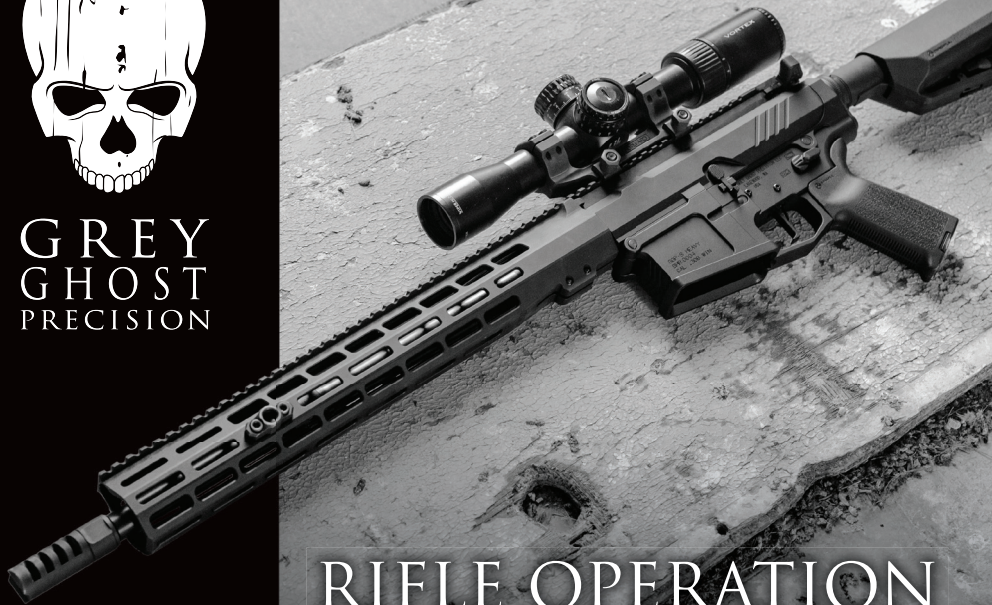




GREY
GHOST
PRECISION



RIFLE OPERATION
AND MAINTENANCE MANUAL



IMPORTANT SAFETY INFORMATION



CAREFULLY READ THIS INSTRUCTION MANUAL
PRIOR TO LOADING AND FIRING THIS FIREARM.

If unfamiliar with firearms, seek further advice thru safe handling courses run by your local gun clubs, NRA approved instructor, or similar qualified organizations.

CARELESS HANDLING COULD RESULT IN PROPERTY
DAMAGE, INJURY OR DEATH. ALWAYS TREAT ANY
FIREARM AS IF IT IS LOADED.

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.

Use only clean, dry, high quality commercially manufactured ammunition in good condition which is appropriate to the caliber of your chosen firearm. We do not recommend the use of remanufactured or hand loaded ammunition because it may damage your rifle. Use of improper ammunition will invalidate your warranty.

**ALWAYS KEEP THE GUN POINTED IN A SAFE DIRECTION
NEVER LOAD THE GUN UNTIL READY TO USE
KEEP YOUR FINGER OFF TRIGGER UNTIL READY TO FIRE**



WARNING OF POTENTIAL DANGERS



- **Be sure the cam pin is installed in the bolt group. Without the cam pin installed, the rifle can still fire but will not function properly.**
- **When using a blank firing adaptor, always be sure to use only blank ammunition**
- **If the rifle stops firing with a live round in the chamber of a hot barrel, remove the round as quickly as possible. If you are unable to remove the round within 10 seconds, remove the magazine and wait 15 minutes with the rifle pointing in a safe direction to prevent injury from the possibility of the chambered round 'cooking off'.**
- **Do not fire the rifle if there is water in the barrel. IT COULD EXPLODE.**
- **If a noticeable difference in sound or recoil is experienced, stop firing immediately. This could indicate an incomplete powder burn and/or a round stuck in the barrel. Either condition could result in another round being fired into the obstructed barrel which could cause an explosion.**

ALWAYS TREAT ANY FIREARM AS IF IT IS LOADED.

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WARNING: BEFORE USING THIS FIREARM, READ AND UNDERSTAND THESE INSTRUCTIONS!

Careless or improper handling of this firearm could result in unintentional discharge and damage to property, injury or death.

GGP RIFLE BASIC FEATURES AND CONTROLS

RIGHT SIDE



LEFT SIDE



GREY GHOST PRECISION RIFLE SPECIFICATIONS

GGP-SH MKII HEAVY

- Grey Ghost Precision MKII 7075-T651 billet upper receiver
- Grey Ghost Precision MKII 7075-T651 billet ambi lower receiver
- Extended length (15") M-LOK hand guard
- True Black Type III Mil Spec hard coat anodize
- 16" .308WIN match grade 1x10 twist 4150 CMV Steel BBL. 5/8-24 threaded muzzle, Black Nitride coating inside and out
- Mid Length gas
- GGP 308 Muzzle Brake
- Phosphate MPI tested Mil Spec BCG
- CMC Triggers 3.5 lb Flat Faced trigger
- Superlative Arms Adjustable Gas Block
- Radian Raptor AR-10 Charging Handle
- Radian Talon Safety Selector
- Magpul MOE SL-S Stock
- Magpul MOE Pistol Grip



GREY GHOST PRECISION RIFLE SPECIFICATIONS

GGP-SG MKII GRIM

- **Grey Ghost Precision MKII 7075-T651 billet upper receiver**
- **Grey Ghost Precision MKII 7075-T651 billet ambi lower receiver**
- **Extended length (18") M-LOK hand guard**
- **True Black Type III Mil Spec hard coat anodize**
- **22" 6.5 Creedmoor match grade 1x8 twist 416R Stainless Steel BBL. 5/8-24 threaded muzzle, Rifle Length gas + 2 inches**
- **GGP 308 Muzzle Brake**
- **Phosphate MPI tested Mil Spec BCG**
- **CMC Triggers 2 lb pull / release Flat Faced trigger**
- **Superlative Arms Adjustable Gas Block**
- **Radian Raptor AR-10 Charging Handle**
- **Radian Talon Safety Selector**
- **Magpul PRS Gen 3 Stock**
- **Magpul MOE Pistol Grip**



GREY GHOST PRECISION RIFLE SPECIFICATIONS (CONT)

GGP-SL MKII LIGHT

- Grey Ghost Precision MKII 7075-T651 billet upper receiver with M4 feed ramps
- Grey Ghost Precision MKII 7075-T651 billet ambi lower receiver
- Extended length (15") M-LOK hand guard
- True Black Type III Mil Spec hard coat anodize
- 16" 5.56 1x8 twist 4150 CMV Steel BBL. 1/2-28 threaded muzzle, Black Nitride coating inside and out
- Mid Length gas
- GGP 5.56 Muzzle Brake
- Black Nitride MPI tested Mil Spec BCG
- CMC Triggers 3.5 lb Flat Faced trigger
- Radian Raptor AR-15 Charging Handle
- Radian Talon Safety Selector
- Magpul MOE SL Stock
- Magpul MOE Pistol Grip





GREY GHOST PRECISION

CLEARING PROCEDURE



1.) Place the selector lever on the SAFE icon (if the rifle is not cocked, the selector lever cannot be placed on SAFE.)



2.) Press magazine release button and pull the magazine down to remove it from the rifle.



3.) To lock the bolt open, pull and hold the charging handle to the rear. Press the bottom of the bolt catch lever on the left side of the lower receiver while allowing the bolt to move forward until it engages the bolt catch. Manually return the charging handle to the forward position.



4.) Place the rifle on SAFE if you did not already do so. Check the receiver and chamber to ensure there is no ammunition in the rifle.

5.) With the selector lever in the SAFE position, release the bolt by pressing the top of the bolt catch.

GREY GHOST PRECISION

DISASSEMBLY



- 1.) Be sure you have already removed the magazine and cleared the rifle.
- 2.) Push out rear takedown pin.
- 3.) Push out front pivot pin.
- 4.) Separate upper and lower receivers.
- 5.) Pull charging handle and remove bolt carrier.



6.) Remove bolt carrier group and charging handle.

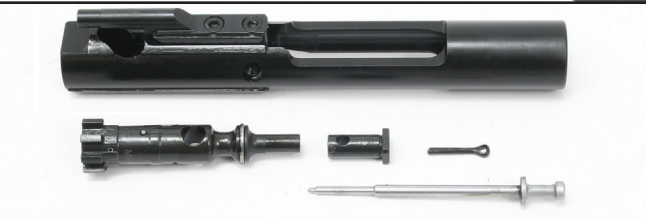
7.) Remove firing pin retaining pin by pulling straight out.

8.) Push bolt assembly into the locked position.

9.) Drop firing pin out of the rear of the bolt carrier.

10.) Twist bolt cam pin 1/4 turn and pull out.

11.) Remove bolt assembly from bolt carrier.



GREY GHOST PRECISION

DISASSEMBLY (CONT)

NOTE: PERFORM THESE STEPS ONLY IF THE BOLT IS DIRTY OR DAMAGED



**IF BOLT IS CLEAN
AND FUNCTIONING
PROPERLY, SKIP TO
STEP 15.**

12.) Press rear of extractor to check spring function.

13.) Remove extractor pin by pushing it straight out.

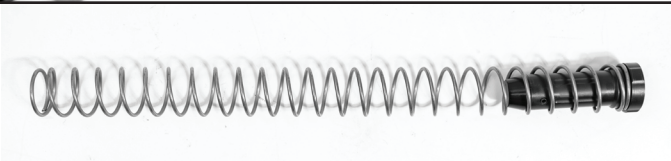
14.) Remove the extractor assembly. Use care to not lose the extractor spring



15.) Depress buffer retainer to release buffer and buffer spring

16.) Remove buffer and buffer spring.

17.) Remove the extractor assembly. Use care to not lose the extractor spring



GREY GHOST PRECISION DOES NOT RECOMMEND ANY FURTHER DISASSEMBLY

For assembly procedure, follow DISASSEMBLY instructions in reverse.

GREY GHOST PRECISION

CLEANING INSTRUCTIONS

BEFORE FIRING: Check that the barrel and chamber are clean. Run a dry patch through from the chamber to the bore to remove excess lubrication.

AFTER FIRING: Always clean the rifle as soon as possible. This makes the job easier and lessens the possibility of corrosion.

IF THE RIFLE IS NOT BEING FIRED: You should clean it at least once a year in normal climates. The rifle should be cleaned twice a year in temperate climates and once a week in tropical climates.

IF THE RIFLE GETS WET: Clean it as soon as possible.

WHEN KEPT LOADED: Unload the rifle and clean it at least once a month.

You should have a high quality cleaning kit to maintain this rifle. Tools you should keep on hand will include a cleaning rod, swab holder, cotton patches, pipe cleaner, a small toothbrush, wire bristle chamber and bore brushes and a quality lubricant such as CLP.

After disassembling the rifle, thoroughly clean, inspect and lubricate all parts according to the techniques described on the following pages.

GREY GHOST PRECISION

CLEANING INSTRUCTIONS (CONT)

- Clear the rifle and disassemble as needed.
- Attach a cotton patch to the end of the cleaning rod and run this through the barrel. Repeat this process, changing the patch each time, until the patch comes through clean.
- Using a wire bristle brush attached to the cleaning rod, dip the brush in gun cleaning solution. Pass the brush through the barrel without changing direction or the brush may stick.
- With a larger cleaning brush dipped in cleaning solution, pass the rod through the barrel 5 times.
- Use a toothbrush and cleaning solvent to clean carbon and powder residue from the following areas: gas tube in upper receiver, bolt locking lugs, firing pin, bolt rings, bolt cam pin, extractor lip and inside the bolt carrier from the front and rear.
- Using a large patch or toothbrush, clean the receiver extension, buffer spring and buffer, inside of upper receiver and charging handle.
- Do not use a wire brush on aluminum surfaces. To prevent scratches, use a toothbrush or cotton patch.
- Wipe all components clean and inspect for wear, corrosion or damage. Correct any of these conditions before firing the weapon again.
- Lightly moisten a cotton patch with gun lubricant and pass this through the barrel. This will leave a thin film of oil on the inside surface while the gun is stored. Before firing the gun, remove this oil with a clean cotton patch.

GREY GHOST PRECISION

LUBRICATION GUIDE

LIGHT LUBRICATION: A thin film of lubrication barely visible to the naked eye.

Lightly lubricate the inside of upper receiver, the bore and chamber (using the cleaning rod and a patch). Be sure you lube in and around all the locking lugs.

Lightly lubricate inside the lower receiver extension (buffer tube), the buffer and the buffer spring.

Lightly lubricate the gas rings of the bolt, as well as the rest of the bolt carrier.

GREY GHOST PRECISION RECOMMENDED LUBRICANTS:

- RANDCLP
- SLIP2000
- FIRECLEAN

GREY GHOST PRECISION

LUBRICATION GUIDE (CONT)

LOADING THE RIFLE: Check that the barrel and chamber are clean. Run a dry patch through from the chamber to the bore to remove excess lubrication.

AFTER FIRING: Always clean the rifle as soon as possible. This makes the job easier and lessens the possibility of corrosion.

IF THE RIFLE IS NOT BEING FIRED: You should clean it at least once a year in normal climates. The rifle should be cleaned twice a year in temperate climates and once a week in tropical climates.

IF THE RIFLE GETS WET: Clean it as soon as possible.

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You should have a high quality cleaning kit to maintain this rifle. Tools you should keep on hand will include a cleaning rod, swab holder, cotton patches, pipe cleaner, a small toothbrush, wire bristle chamber and bore brushes and a quality lubricant such as CLP.

After disassembling the rifle, thoroughly clean, inspect and lubricate all parts according to the techniques described on the following pages.

GREY GHOST PRECISION

SAFETY FUNCTION CHECK

After reassembling your rifle, it is always recommended to perform a function check to ensure proper assembly.

WARNING: If the rifle fails any of the following tests, attempting to fire the rifle could result in damage, injury or death.

- 1.) Remove the magazine. Pull the charging handle to the rear. Check that the chamber is clear. Let the bolt carrier go forward. Do not pull the trigger, the hammer should be left cocked.
- 2.) Place the selector lever in the SAFE position and pull the trigger. The hammer **SHOULD NOT** fall.
- 3.) Place the selector lever in the FIRE position. and pull the trigger. The hammer **SHOULD** fall.
- 4.) Hold the trigger to the rear, pull the charging handle to the the rear, and release pressure on the trigger with a slow, smooth motion until the trigger is fully forward. An **AUDIBLE CLICK** should be heard and the hammer **SHOULD NOT** fall.
- 5.) Repeat the FIRE position test five times. If the rifle malfunctions during any of these tests, ensure that it is assembled correctly and have it checked by a qualified gunsmith.

GREY GHOST PRECISION

LOADING A MAGAZINE

LOADING A MAGAZINE

- 1.) Examine each cartridge, particularly around the primer. Look for dents, scratches, and other signs of damage. Do not load damaged ammunition.
- 2.) With the magazine facing forward, place a round between the feed lips of the magazine with the bullet forward. Push down until the round is held by the feed lips.
- 3.) It may be necessary to give the round a slight push backward to seat it against the back of the magazine. Place the next round on top of previous round and repeat until the desired number of rounds is loaded.

THE FORWARD ASSIST

The GGP Specter Light 5.56 rifle is equipped with a forward assist. The forward assist helps lock the bolt into the barrel when the bolt fails to lock automatically. Needing to use the forward assist is most likely an indication that the rifle needs to be cleaned.

CAUTION: Always check that ammunition is clean and undamaged before using the forward assist. Forcing dirty or damaged ammunition into the chamber could damage the rifle and possibly result in damage, injury or death.

GREY GHOST PRECISION

OPERATION

LOADING THE RIFLE:

- 1.) With the hammer cocked, place selector lever on the SAFE icon.
- 2.) Open the bolt and check the chamber, making sure it is clear.
- 3.) Insert a loaded magazine into the magazine well until the magazine catch engages.
- 4.) While gripping the magazine, firmly push up and pull down, ensuring the magazine is seated properly.

CHAMBERING A ROUND FROM AN OPEN BOLT

- 1.) Press upper half of the bolt catch to allow the bolt to move forward.
- 2.) Tap the forward assist to ensure the bolt is fully forward and locked.

CHAMBERING A ROUND FROM A CLOSED BOLT

- 1.) With a loaded magazine in the rifle, pull the charging handle to the rear.
- 2.) Release the charging handle, allowing the bolt to move forward on its own.
- 3.) Tap the forward assist to ensure the bolt is fully forward and locked.

CAUTION: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION!

GREY GHOST PRECISION

OPERATION (CONT)

FIRING:

- 1.) Place the selector lever on the SEMI icon.
- 2.) Aim the rifle at the target.
- 3.) Pull the trigger. The rifle will fire, eject the spent cartridge and chamber the next round. When the magazine is empty, the bolt will lock to the rear.



ATTENTION!



IF THE RIFLE STOPS FIRING with a live round in the chamber of a hot barrel, remove the round as quickly as possible. If you are unable to remove the round within 10 seconds, remove the magazine and wait 15 minutes with the rifle pointing in a safe direction to prevent injury from the possibility of the chambered round 'cooking off'.

If a noticeable difference in sound or recoil is experienced, stop firing immediately. This could indicate an incomplete powder burn and/or a round stuck in the barrel. Either condition could result in another round being fired into the obstructed barrel which could cause an explosion.

GREY GHOST PRECISION

IMMEDIATE ACTION

FAILURE TO FIRE

- 1.) While gripping the magazine, firmly push up and pull down, ensuring the magazine is seated properly.
- 2.) Pull the charging handle to the rear. Observe the ejection of spent casing or cartridge. Check the chamber for any obstructions.
- 3.) If the cartridge or case is ejected and the chamber is free from obstructions, release the charging handle to feed a new round. Do not 'ride' the charging handle forward.
DO NOT LOAD A ROUND INTO A HOT CHAMBER. The round may 'cook off', meaning it might detonate from the heat of the chamber without pulling the trigger.
- 4.) Tap the forward assist to ensure the bolt is fully forward and locked.
- 5.) Aim at the target and pull the trigger. If the rifle still fails to fire, apply remedial actions described next.

REMEDIAL ACTIONS

- 1.) Pull the charging handle to the rear and check again for a jammed cartridge.
- 2.) If a cartridge case is in the chamber, open the upper and lower receivers, remove the bolt carrier and try to tap out the case with a cleaning rod. **If the rifle still fails to fire, check the troubleshooting section of this manual or take the rifle to a qualified gunsmith.**

GREY GHOST PRECISION

TROUBLESHOOTING

MALFUNCTION	CAUSE	CORRECTIVE ACTION
Failure to Fire	Selector on SAFE	Move selector to FIRE
	Defective Ammunition	Eject and discard ammunition
	Improper firing pin assembly	Retaining pin passes behind Large shoulder of firing pin
	Excess lube in firing pin recess	Wipe firing pin dry and use pipe cleaner in firing pin recess
	Excessive carbon on firing pin or in firing pin recess	Clean
Failure to Unlock	Gas key clogged	Use pipe cleaner to check and clear gas key
Failure to Extract	Chamber or ammo dirty	Clean chamber and ammo
	Weak extractor spring	Replace spring
	Extractor stuck	Remove, clean and lube extractor

GREY GHOST PRECISION

TROUBLESHOOTING (CONT)

MALFUNCTION	CAUSE	CORRECTIVE ACTION
Failure to Eject	Frozen ejector	Clean and lube ejector
	Not enough gas pressure	Replace gas rings, clean gas key, replace ammunition
	Restricted movement of bolt carrier group	Remove, clean and lube. Check gas key fit and gas tube
	Restricted buffer	Remove, clean and lube
Failure to Cock	Hammer spring installed wrong	See qualified gunsmith
	Disconnecter hook is worn	
	Disconnecter spring weak	
	Hammer hook is worn	
	Hammer spring is broken	

GREY GHOST PRECISION

TROUBLESHOOTING (CONT)

MALFUNCTION	CAUSE	CORRECTIVE ACTION
Failure to Feed	Dirty or corroded ammo	Clean or replace
	Magazine not fully seated	Adjust magazine catch
	Double feed	Replace magazine
	Bolt overrides cartridge	Replace magazine
	Excess rounds in magazine	Remove excess ammunition
	Dirty magazine	Disassemble, clean and lube
Failure to Unlock	Obstruction in chamber	Clear chamber
Failure to Extract	Dirty bolt or locking lugs	Remove, clean and lube
	Dry or dirty cam pin or cam pin groove	Remove, clean and lube
	Burrs on bolt locking lugs	Take to qualified gunsmith

GREY GHOST PRECISION

LIMITED WARRANTY

LIMITED WARRANTY

FOR OWNERS WITHIN THE UNITED STATES

GREY GHOST PRECISION, LLC

FORM OF LIMITED WARRANTY

Standard Conditions of Sale

All Grey Ghost Precision Products, hereafter referred to as products sold by Grey Ghost Precision (hereafter referred to as the “Company”) are subject to these terms and conditions of sale.

Limited Warranty

The Company warrants that its Grey Ghost Precision Products, if properly stored, transported and used, will be free from defects in materials and workmanship during the warranty period.

Warranty Period

Labor - One (1) year.

Parts - For the lifetime of the original purchaser.

GREY GHOST PRECISION

LIMITED WARRANTY (CONT)

Warranty Service

To obtain warranty service, the purchaser must deliver the Grey Ghost Precision Product to the point of purchase and submit a written service request. A written service request must include: (1) proof of purchase; (2) a copy of these terms and conditions of sale; and (3) an explanation of the problem.

Extent of Limited Warranty

If the Grey Ghost Precision Product which is the subject of this Limited Warranty fails during the warranty period for reasons covered by this Limited Warranty, and the purchaser submits the written service request required under these terms and conditions of sale, at its option, the Company will:

REPAIR THE GREY GHOST PRECISION PRODUCT OR REPLACE THE GREY GHOST PRECISION PRODUCT WITH A GREY GHOST PRECISION PRODUCT THAT IS FUNCTIONALLY AT LEAST EQUAL TO THAT OF THE GREY GHOST PRECISION PRODUCT BEING REPLACED.

This Limited Warranty does not cover damages due to external causes including, but not limited to, accidents, misuse, neglect, alteration, repair, improper maintenance, or normal wear. An Operation, Monitoring and Troubleshooting Manual (the “Manual”) is included with the packing materials you received with this Grey Ghost Precision Product. Any usage or care not in accordance with the Manual voids this warranty, and any damage caused by such usage or care is not covered under this warranty. This warranty is limited to the original purchaser and is not transferable.

GREY GHOST PRECISION

LIMITED WARRANTY (CONT)

Warranty Limitations and Exclusions

Exhibit "E" - Grey Ghost Precision Limited Warranty for Owners Within the United States
THESE WARRANTIES REPLACE ALL OTHER WARRANTIES, EXPRESS OR IMPLIED INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE COMPANY MAKES NO EXPRESS WARRANTIES BEYOND THOSE STATED HEREIN. THE COMPANY DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. SOME LAWS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES SO THIS LIMITATION MAY NOT APPLY TO YOU. IF THESE LAWS APPLY, THEN ALL EXPRESS AND IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIMITED WARRANTY PERIOD. NO WARRANTIES APPLY AFTER THAT PERIOD. SOME LAWS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THIS LIMITATION MAY NOT APPLY TO YOU.

The use of any sample or model during the negotiations leading to the purchase of this Grey Ghost Precision Product serves merely to indicate a type of product that will be tendered to the purchaser. These samples or models create no warranty that the product will conform to the samples or models.

GREY GHOST PRECISION

LIMITED WARRANTY (CONT)

Limitations of Liability

THE COMPANY'S RESPONSIBILITY UNDER THIS, OR ANY OTHER WARRANTY, IMPLIED OR EXPRESSED, IS LIMITED TO REPAIR OR REPLACEMENT, AS SET FORTH ABOVE. THIS REMEDY IS THE SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY. THE COMPANY IS NOT RESPONSIBLE FOR CLAIMS FOR INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR UNDER ANY OTHER LEGAL THEORY, INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, DOWN TIME, AND ANY DAMAGE TO OR REPLACEMENT OF EQUIPMENT AND PROPERTY. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM JURISDICTION TO JURISDICTION.

GREY GHOST PRECISION

LIMITED WARRANTY (CONT)

Assumptions of Risk

Purchaser assumes all risk and liability for loss. Company shall not be responsible for injuries to person or property arising out of the use or misuse of the Grey Ghost Precision Products.

RECORD THE FOLLOWING INFORMATION FOR YOUR RECORDS:

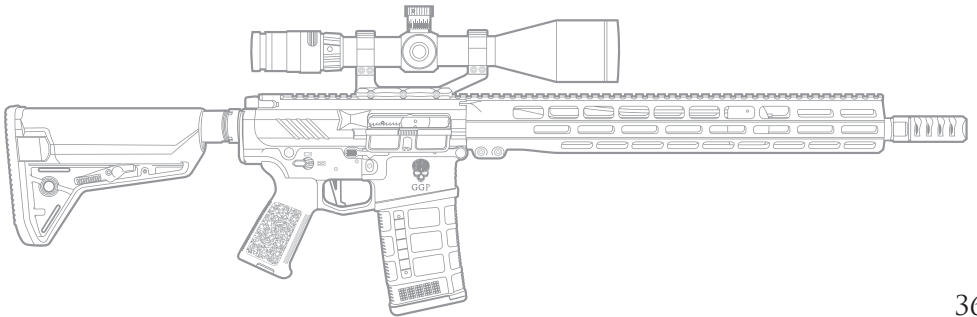
Model:

Serial Number:

Purchased from:

Date Purchased:

To obtain a replacement manual, send an email to:
SERVICE@GREYGHOSTPRECISION.COM





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