



GO2 WEAPONS INC.

G2 Series



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KNOW YOUR RIFLE



SAFETY

FUNDAMENTAL RULES FOR SAFE GUN HANDLING

ALWAYS KEEP YOUR GUN POINTED IN A SAFE DIRECTION

NEVER LOAD THE GUN UNTIL READY TO USE

KEEP YOUR FINGER OFF THE TRIGGER UNTIL READY TO SHOOT



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

CAREFULLY READ THIS DOCUMENT 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! If unfamiliar with firearms, seek further advice through safe handling courses run by your local gun clubs, NRA approved instructor, or similar qualified organization

USE ONLY CLEAN, DRY, HIGH QUALITY COMMERCIALLY MANUFACTURED AMMUNITION IN GOOD CONDITION which is appropriate to the caliber of your 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.

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



ABOUT YOUR GO2 WEAPON

- This Operating Manual covers all GO2 Weapons Inc. G2 Series Weapons chambered for 7.62 NATO. They are lightweight, gas operated, air-cooled, magazine-fed rifles, carbines that are Semi-Automatic in operating mode (i.e., a single round will fire each time the trigger is pulled). Note: For Law Enforcement and Military markets, GO2 Weapons Inc.
- On all models, the upper and lower receivers are easily opened for cleaning and inspection. G2762 Models have 7075-T6 aluminum Upper and Lower Receivers.
- Barrels on G2762 Models are 4150 CMV. They are rifled 1:10" with a righthand twist.
- All models can be configured with either 6 position Telescoping Buttstocks, PSR or solid A2 "Trap door" Buttstocks. Handguards come in a range of models including full Quad rail free floating designs and lightweight M-LOK designs. All models feature detachable magazines. Magazine capacity is 20 rounds standard but all AR-10 / SR25 Type magazines of capacities from 10 to 20 rounds will fit the G2762 and function in it.



KNOW YOUR RIFLE

Check Before You Fire!!!!

1. Check to see that there is **NO EXCESSIVE OIL** in the Bore. If there is, swab it out with a patch and the cleaning rod. **ALWAYS CLEAN A NEW RIFLE BEFORE FIRING.**
2. Retract the bolt to ensure free movement between bolt carrier and gas tube.
3. Perform Safety Function Check below to ensure that safety selector lever works properly.

WARNING!

IF THE RIFLE IS FIRED
WITH OIL OR WATER IN
THE BARREL, EXCESSIVE
PRESSURE WILL BE
CREATED CAUSING THE
RIFLE TO EXPLODE.

Unload Rifle Remove
Magazine Check
Chamber



SAFETY FUNCTIONS CHECK

1. Remove Magazine if installed. Pull charging handle assembly to rear. Check that chamber is clear. Let the bolt and bolt carrier close. **Do not pull trigger.** Leave hammer in cocked position.
2. Place selector lever in **SAFE** position, point rifle in a safe direction, and pull trigger. **THE HAMMER SHOULD NOT FALL.**



WARNING! If rifle fails any of the following tests, continued use of the rifle could result in injury to, or death of people around you.

3. Place Selector Lever in FIRE position. Pull the Trigger. **THE HAMMER SHOULD FALL**

NOTE: For purposes of the following check, "SLOW" is defined as one fourth to one half the normal rate of trigger release.

4. Hold Trigger to the rear, pull Charging Handle to the rear and release Charging Handle. Then release pressure on the Trigger with a slow, smooth motion, without hesitations or stops, until the Trigger is fully forward

AN AUDIBLE CLICK SHOULD BE HEARD - THE HAMMER SHOULD NOT FALL

5. Repeat the FIRE position test FIVE TIMES. The Rifle must not malfunction during any of these five tests. If the Rifle malfunctions during any of these five tests, have the Rifle checked by a qualified gunsmith.



LOADING A MAGAZINE

1. Use only quality Ammo. Examine each cartridge, particularly around the primer. Look for dents, scratches and other signs of damage.
2. With the magazine facing forward as shown in the illustration, place a round between the feed lips of the magazine with the bullet tip forward. Push the round down until it is held by the magazine feed lips.
3. If necessary, give the round a slight push backward to seat it against the inside back edge of the magazine feed lips. Place next round on top of the previous round and repeat steps until desired number of rounds are loaded into magazine.

CAUTION: Safe Firearms Handling dictates that you **ONLY LOAD LIVE AMMUNITION INTO YOUR RIFLE WHEN YOU ARE ABOUT TO SHOOT.**



CLEARING YOUR RIFLE

ALWAYS FOLLOW THE RULES OF SAFE GUN HANDLING. First, assume the gun you are handling is loaded, and then proceed - according to the following steps - to CLEAR YOUR RIFLE

1. Point rifle in a **SAFE DIRECTION!** Place safety selector lever on **SAFE**.
2. Press magazine catch button and pull magazine down to remove.



3. To lock bolt open, pull charging handle rearward. Press bottom of bolt catch and allow bolt to move forward until it engages bolt catch. Return charging handle to forward. If you haven't before, now place safety selector lever on **SAFE**.



LOADING YOUR RIFLE

WARNING: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION



1. With the hammer cocked, place the selector lever on **SAFE**.
2. Open bolt and check firing chamber. **MAKE SURE IT IS CLEAR!**



INSERTING A MAGAZINE

1. Return charging handle to forward, locked position. Push magazine up into magazine well until magazine catch engages and holds the magazine.



2. Slap upwards on magazine bottom to make sure it is seated correctly.



CHAMBERING A ROUND FROM AN OPEN BOLT

Note: The magazine may be inserted into the rifle with the bolt assembly open or closed.

Depress upper portion of bolt catch. Bolt should spring forward. This will chamber a round from the magazine



Rifle is now ready to be aimed and fired



CHAMBERING A ROUND FROM A CLOSED BOLT



With a magazine in the rifle, pull the charging handle fully to rear then release the charging handle allowing the bolt to spring forward -chambering the first round.

NEVER “Ride” or push the Charging Handle forward. Let it move forward on its own.

RIFLE IS NOW READY TO BE AIMED AND FIRED!

NOTE: If Rifle is not going to be fired immediately, make sure the Selector Lever is still on SAFE, and close the Ejection Port Cover to keep dirt out of the Chamber and Upper Receiver.



AFTER YOUR RIFLE IS LOADED

CONDITION: Rifle is now Loaded, a Round is Chambered, and Safety Selector should be on SAFE.

CAUTION: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION!

- To FIRE the Rifle in **SEMI-AUTOMATIC MODE** (one round fired with each pull of the trigger), move the safety selector from **SAFE** to **FIRE**
- Aim at Target – Pull Trigger – Release.
- The rifle will automatically eject the spent cartridge and chamber another in preparation for the next shot. The cycle of pulling the trigger to shoot, and the rifle automatically reloading, can be continued until the magazine is empty.

WARNING... IF A NOTICEABLE DIFFERENCE IN SOUND OR RECOIL IS EXPERIENCED, STOP FIRING. Either condition could indicate an incomplete powder burn and/or a bullet stuck in the bore. Retract the Bolt slowly and remove the fired cartridge case. Clear the weapon and check for unburned powder grains in the Receiver or Bore, and for a Bullet stuck in the Bore. Clean out any unburned powder before resuming firing. If a Bullet is stuck in the Bore, do not attempt to remove it. Take the Rifle to a qualified Gunsmith.



REMEDIAL ACTIONS



Warning: IF YOUR RIFLE STOPS FIRING WITH A LIVE ROUND IN THE CHAMBER OF A HOT BARREL, REMOVE THE ROUND FAST.

However, if you cannot remove it within 10 seconds, remove the magazine and wait 15 minutes with the rifle pointing in a safe direction. Make sure the SAFE switch remains safe during that time. This way you and those around you won't get hurt by the possibility of a round cooking off.

KEEP YOUR FACE AWAY FROM THE EJECTION PORT WHILE CLEARING A HOT CHAMBER.

1. If your rifle still fails to fire after performing immediate actions check again for a jammed cartridge case.
2. If a cartridge case is in the chamber, open the receivers, remove the bolt carrier, and try to tap out the case with a cleaning rod.

IF RIFLE STILL FAILS TO FIRE, CHECK THE TROUBLESHOOTING SECTION IN THIS MANUAL, OR TAKE RIFLE TO A QUALIFIED GUNSMITH.



REMEDIAL ACTIONS (cont'd)

CAUTION: ALWAYS POINT THE MUZZLE IN A SAFE DIRECTION!

3. If cartridge or case is ejected, or chamber is clear, **RELEASE** charging handle to feed a new round. Don't ride the charging handle forward.



4. Now **FIRE**.

If the rifle will not fire, look for trouble and apply the corrective action.



BULLET STUCK IN THE BORE



WARNING: If an audible “pop” or reduced recoil is experienced during firing, immediately cease fire.



1. Remove the Magazine



2. Lock the bolt to the rear.



3 Place the selector on **Safe**

Do not apply the remedial actions described on previous pages.

IF BULLET IS STUCK IN THE BARREL OF THE WEAPON, DO NOT TRY TO REMOVE IT. TAKE IT TO A QUALIFIED GUNSMITH.



DISASSEMBLING YOUR RIFLE

CLEAR YOUR RIFLE as described on page 9.

1. Push in takedown pin as far as it will go. Pivot upper receiver from lower receiver.



2. Push in pivot pin

3. Separate upper and lower receivers



4. Pull back charging handle and bolt carrier.



DISASSEMBLING YOUR RIFLE (cont'd)

5. Remove bolt carrier and bolt.

6. Remove charging handle pulling back and up until ears clear cutouts in receiver.



7. Remove firing pin retaining pin. A bullet tip can help push it out.



8. Drop firing pin out of bolt carrier.



DISASSEMBLING YOUR RIFLE (cont'd)

9. Push bolt in to locked position.



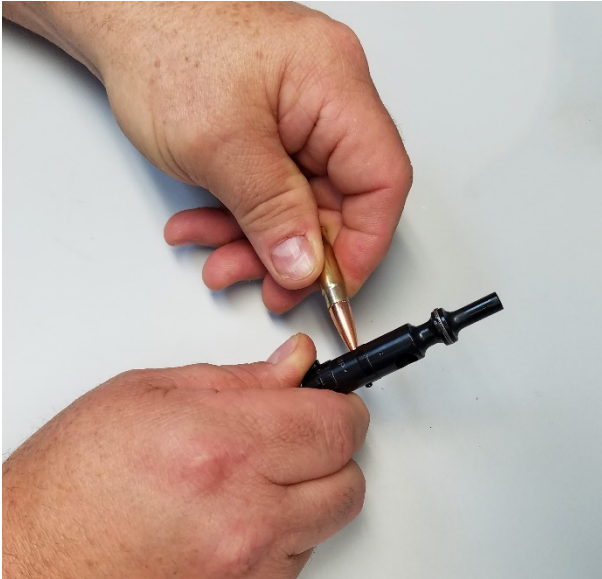
10. Remove cam pin by rotating $\frac{1}{4}$ turn and lifting out.



11. Remove bolt assembly from bolt carrier by pulling straight out.



DISASSEMBLING YOUR RIFLE (cont'd)



12. Remove extractor pin by pushing out with a punch or the tip of a bullet.

DON'T LOSE EXTRACTOR PIN

13. Remove extractor with spring.



Note: Check spring function by pressing rear of extractor

Caution: Extractor spring may pop out and get lost.



DISASSEMBLING YOUR RIFLE (cont'd)

14. With hammer cocked, depress buffer retainer with punch or bullet tip to release buffer and spring.



Caution: Buffer is under tension from action spring.

Hammer needs to be cocked to allow buffer and spring to clear receiver.

15. Pull out buffer and action spring for cleaning.



The handguards may be disassembled at any point in your cleaning procedures as necessary. Clean as per instructions for aluminum upper and lower receivers.

NO FURTHER DISASSEMBLY IS RECOMMENDED



CLEANING

The following procedure describes cleaning with a standard military issue multi-piece rod cleaning kit. Other commercial cleaning kits may include alternate cleaning instructions which may be just as effective.

The bore of your GO2 Weapon has lands and grooves called rifling. Rifling makes the bullet spin very fast as it moves down the bore and down range. It is difficult to push a new, stiff bore brush through the bore. You will find it much easier, and more effective, to pull your bore brush through the bore. Also, because the brush will clean better if the bristles follow the grooves (this is called tracking), you want the bore brush to be allowed to turn as you pull it through.

ALWAYS CLEAN FROM THE CHAMBER TOWARD THE MUZZLE

1. Attach three rod sections together but leave each one about two turns short of being tight.

Attach the patch holder but leave it two turns short of tight also.

2. Point muzzle down. Hold the upper receiver in one hand while inserting the end of the rod with patch holder attached into the chamber. Guide the rod carefully through the bore.

CAUTION: Do not let the Rod or its threaded end scratch the chrome lining of the bore or firing chamber. About 2-3 inches of the rod should protrude out of the muzzle.

3. Attach the handle section of the cleaning rod to the end of the rod sticking out of the muzzle, and swab out the bore with a patch moistened with "CLP."
4. Remove patch holder and attach bore brush (leaving it two turns short of tight).



CLEANING (cont'd)

5. Pull the brush through the bore and out the muzzle. You should be able to see the Rod twisting as you pull it - this is the brush "tracking" in the rifling.
6. After one pull, take off the handle section and repeat the process. After three or four pulls, the three rod sections and the bore brush may become screwed tightly together. Loosen them up and repeat the process.
7. Send a patch through the Bore occasionally to help clean out the crud that the brush is getting loose. Just replace the bore brush with the Rod Tip (Patch Holder) and a wet patch. Pull it through. If you leave the rods loose again, the patch will "track" in the rifling as before. But remember, always have the bore wet with cleaner before trying to pull brush through.

NEVER reverse the direction of the bore brush while it is in the bore.



CLEANING THE UPPER RECEIVER

NOTE: Check to ensure that there is no looseness between the barrel and the upper receiver. If you detect any movement by twisting with your hands, the barrel nut must be retorqued. Bring the rifle to your Armorer.

- 1.) Using a “CLP” type product, clean all areas (inside and out) of powder fouling, corrosion and dirt. Never use a wire brush or any type of abrasive to clean the Aluminum Upper Receiver - you'll scratch and damage the finish. A Toothbrush is good for loosening any dirt buildup, and won't scratch the Receiver.
- 2.) Clean the firing chamber - dip the larger chamber brush in CLP and use at least 5 plunge strokes and 3 - 360° clockwise rotations. Then swab out the bore as described previously to remove contaminated solution or loosened crud.
- 3.) Use the bore brush - wet with CLP - to clean carbon and powder residue from around the gas tube. Run a pipe cleaner into the gas tube, clean the bolt locking lugs, bolt rings, firing pin, bolt cam pin, lip of the extractor, and inside the bolt carrier from both front and rear.
- 4.) Wipe all components clean and dry, and inspect for excessive wear, corrosion or mechanical damage. Have your Armorer replace any worn or defective parts before firing again (or contact GO2 Weapons at 321-267-7480 for parts needs.)



CLEANING THE UPPER RECEIVER (cont'd)

Cleaning the bolt, carrier and components

1. Clean out the gas key on top of the bolt carrier with a q tip or a pipe cleaner. Also clean out any carbon powder residue from vent holes in the bolt carrier.
2. Clean and inspect bolt cam pin firing pin and firing pin retaining pin thoroughly.

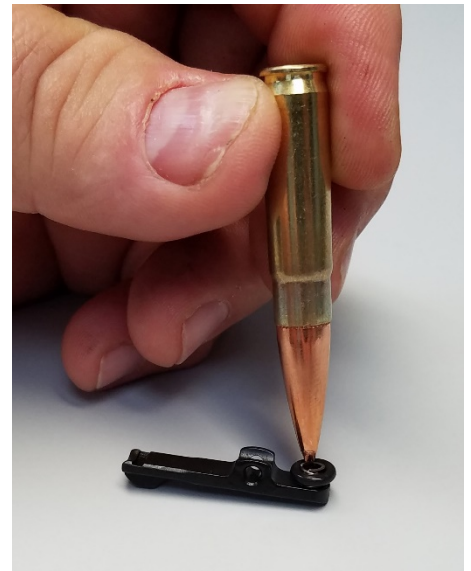
CHECK THE BOLT: Look for cracks or fractures, especially in the cam pin hole area. Inspect bolt face. Bolts with any pitting extending into the firing pin hole should be replaced.

CHECK THE CAM PIN:

If it is cracked or chipped it should be replaced. **Note:** Cam pin can only be installed in bolt from one side, so ejector will be positioned correctly.

Check the Firing Pin: If it is bent cracked, too blunted or too sharp, it should be replaced.

Check the Retaining Pin: If it is bent or badly worn it should be replaced. Never use a cotter pin as a substitute for a real firing pin retaining pin. Cotter pins are not made of heat treated spring steel and their round head shape will cause damage.



Cleaning the bolt, carrier and components

CLEANING THE LOWER RECEIVER

3. CHECK THE EXTRACTOR AND EXTRACTOR SPRING:

If the extractor is chipped, or has broken edges in the area of the lip that engages the cartridge rim, it should be replaced. Check that the rubber insert is inside the extractor spring. Clean off any carbon buildup or powder residue.

Cleaning and Lubricating the ejector:

Note: The design of the ejector makes its disassembly for cleaning somewhat impractical. Make sure your rifle ejects empty cases efficiently by following these steps on a monthly basis. More frequently if firing blanks.

1. With the bolt removed from the bolt carrier and the extractor installed, hold it as shown and dribble a few drops of CLP around the ejector to form a puddle.



2. Take a fired or dummy case and place it under the lip of the extractor. With a rocking motion, press the case down against the ejector. Since the ejector is spring loaded some resistance will be felt. Press on the case until it stops against the bolt face. Ease off with your thumb slightly and press down again. Repeat several times. Replace the CLP frequently. Once the spring action of the ejector is smooth and strong dry off any excess lubricant



1. Clean all areas of powder fouling, corrosion, dirt and rust. Never use a wire brush or any type of abrasive to clean the aluminum lower receiver.

2. Wipe any dirt from the trigger mechanism. Carefully clean the magazine release button and the cavity for the magazine catch on the left side of the receiver. Also inspect and clean the bolt catch mechanism and receiver's takedown and pivot pins. Clean the buffer, action spring and inside the lower receiver extension (the buffer tube). A piece of rag attached to the cleaning rod and patch holder can be used to wipe inside the buffer tube.

3. If the rifle has been used in very dirty or muddy conditions, the vent screw in the buttstock or the vent hole in the receiver extension may need to be cleaned out. Use a pipe cleaner or piece of wire to ensure that vent hole is clear.

4. Buttstocks may require cleaning as necessary.

Telescoping stock latch can be pulled down to remove stock. Clean the 6 position lock holes and lightly lube the receiver extension and latch mechanism to ensure proper telescoping action. A2 solid buttstocks may require cleaning or lubrication of storage compartment door latch and hinge and interior of storage compartment.



LUBRICATING UPPER AND LOWER RECEIVERS

UPPER RECEIVER:

Lightly lubricate the inside of the upper receiver, the bore and chamber (using the cleaning rod and a patch), the outer surfaces of the barrel and front sight, and surfaces under the handguards. The forward assist should also be lightly lubed inside the receiver and checked for function.

Front sight detent: Depress and apply two or three drops of CLP to it. Depress the detent several times to work the lubricant down into the spring.

LOWER RECEIVER:

Lower receiver extension: Lightly lubricate inside the lower receiver extension (buffer tube), the buffer and the action spring. Lightly lubricate the telescoping stock latch and exterior of the receiver extension.



Lower Receiver: Generously lubricate **all moving parts inside the lower receiver** (including the trigger, hammer, safety, bolt catch, magazine release, etc.) and their various pins and detents. Don't forget the takedown and pivot pins and their detents. Use an oiled rag to wipe off any fingerprints on the exterior surfaces (they can start the corrosion process). A black cloth is best as it won't leave visible lint.



LUBRICATING BOLT CARRIER GROUP

Firing Pin: Lightly lubricate the firing pin and firing pin recess in the bolt with CLP.

Bolt Carrier: Lightly lubricate the inner and outer surfaces of the bolt carrier. Generously lubricate the cam pin area and the slide rail areas of the bolt carrier where they contact the inside of the receiver.

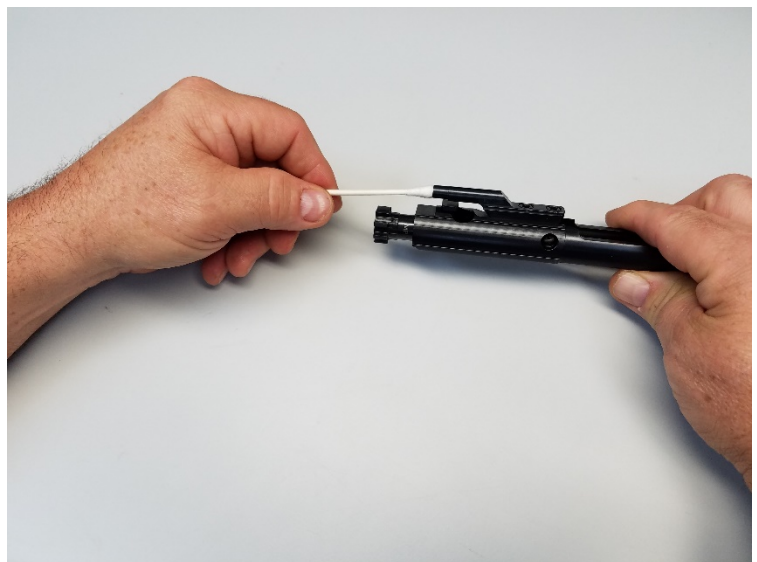
Bolt: Generously lubricate the bolt, its cam pin area and the bolt gas rings. A lighter application is good on the extractor and its pin.

Charging Handle: The inside of the carrier key on the bolt carrier should be dried with a q-tip or pipe cleaner then place one drop of CLP inside.



Carrier Key:

The inside of the carrier key on the bolt carrier should be dried with a q-tip or pipe cleaner, then place one drop of CLP inside.



REASSEMBLING YOUR RIFLE

1. Insert action spring and buffer (the spring will lock onto the buffer if you slide it on then push and twist counterclockwise). Depress buffer detent and push buffer in past the detent.



2. Insert extractor and spring.

NOTE: Extractor assembly has a rubber insert within the spring. Be sure not to lose it. If the spring comes loose, put the large end of the spring in the extractor and seat it. A bullet tip works well.

3. Push down on extractor to depress spring and reinsert extractor pin.



REASSEMBLING YOUR RIFLE (cont'd)

4. At the back end of the bolt, stagger the gas ring gaps to reduce gas pressure loss. Position the three ring gaps 120° apart around the bolt. The 3rd gap not seen at the back side of the bolt. The rings will slide around in their groove by pushing them into position with a small sharp object.

5. Insert bolt into bolt carrier. Twist into position so cam pin can be inserted. Remember cam pin can only be installed in bolt from one side, so if it doesn't fit right away, twist the bolt 180° and try again.

6. Once cam pin is inserted, twist it 90°. This will allow insertion of the firing pin.



THE CAM PIN MUST BE
INSTALLED IN THE BOLT
GROUP. IF ISNT, YOUR
RIFLE CAN STILL FIRE AND
WILL EXPLODE



REASSEMBLING YOUR RIFLE (cont'd)

7. Drop in and seat firing pin. Pull bolt out, then reinsert firing pin retaining pin.

NOTE: After inserting firing pin retaining pin, firing pin should not fall out when bolt carrier group is turned upside down.



CAUTION: GO2 WEAPONS DOES NOT RECOMMEND THE PRACTICE OF SWAPPING BOLTS BETWEEN DIFFERENT RIFLES. DOING SO COULD RESULT IN DAMAGE, PERSONAL INJURY OR DEATH



REASSEMBLING YOUR RIFLE (cont'd)

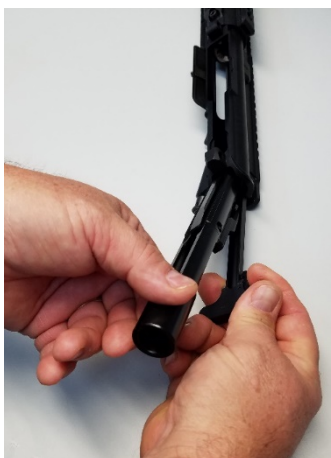
8. Insert charging handle into the upper receiver and lower the ears at the front end of the handle into the cutouts in receiver. Then slide charging handle partially into the receiver.



9. Lower complete bolt carrier assembly into upper receiver. Gas key will fit into groove in the charging handle. REMEMBER bolt must be pulled to "out" position in the carrier so cam pin will fit into the channel in the upper receiver.



10. Then slide the bolt carrier assembly and charging handle all the way into the upper receiver until charging handle latch locks onto the receiver.



NOTE: If ejection port cover is closed, you will feel some resistance as you push carrier and handle in until you pop the cover open. If cover is already open, handle and carrier should slide in easily.



REASSEMBLING YOUR RIFLE (cont'd)

11. To join upper and lower receivers, position pivot pin lug of upper receiver into slot at front of lower receiver and push pivot pin onto place.

CAUTION: ALWAYS place the safety selector lever on SAFE before pivoting the upper receiver to a closed position on the lower receiver.

12. After receivers are closed, push in takedown pin.



NOTE: Pivot pin and takedown pin are captivated in the lower receiver – meaning that they are held in by their detents and springs so they cannot fall out and get lost.



COLD WEATHER SHOOTING

If cold weather requires it, your rifle can be shot with gloved hands. The trigger guard is designed to allow the use of a glove.



MAINTENANCE IN EXTREME WEATHER

CAUTION!!!! Be careful of an accidental discharge when inserting gloved fingers into trigger guard area.

EXTREME COLD: Clean and lubricate rifle in a warm room with the rifle at room temperature. Do not lay a warm rifle directly on snow or ice. Moving rifle from cold into warmth will cause condensation which could keep rifle from functioning

HOT, WET CLIMATES: Clean and lubricate rifle more frequently in moist climates. Inspect hidden surfaces of bolt and carrier assembly, upper receiver, chamber /barrel extension (locking lugs), and lower receiver and receiver extension assembly (buffer tube) for rust or corrosion.

HOT, DRY CLIMATES: Take extra care with cleaning and lubrication as rifle will be exposed to blowing sand and fine dust, and extreme temperature shifts (hot in the daytime, freezing at night). Corrosion is less likely to form on metal parts in a dry climate. Lightly lube functional parts only. Too much lubrication can attract and hold dust and sand.

RAINS: DO NOT FIRE THE RIFLE IF WATER IS PRESENT IN BARREL. Excess pressure can cause the rifle to explode.

ALWAYS drain any water from barrel prior to firing. Dry the bore with a swab and cleaning rod if wet



LIFETIME WARRANTY

ALL WARRANTY/REPAIR ISSUES ARE HANDLED DIRECTLY BY GO2 Weapons, Inc.

To initiate a warranty claim, please visit our Contact Us page at GO2weapons.com and complete the form, you will then be contacted by our service department.

EXCLUSIONS: Modification or alteration of a firearm will void this warranty. This warranty does not cover normal wear. Any damage resulting from careless handling, neglect, unauthorized repairs, unauthorized adjustments, unauthorized modifications, rust, or corrosion is not covered. This warranty is not valid outside the United States of America. Go2 Weapons will not be responsible for the results of defective, low-quality, hand-loaded, reloaded, or improper ammunition

Barrel Information Warning

To achieve the best results for accuracy you should clean the chamber and bore after every round for the first 25 rounds, 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 .125" to 1" M.O.A. Obviously, we would hope that every production barrel would shoot .5" M.O.A., but with all of the above factors, we cannot guarantee a specific group size. NOTE: Using reloaded ammunition will void warranty. Modifying chamber or barrel voids warranty. This includes re-reaming of chamber, re-turning barrel to a lesser diameter and/or re-threading barrel for compensator or attachments

Alterations & Modifications Warning

Altering or modifying parts is dangerous and will void the warranty. This GO2 Weapons rifle 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 rifle and are installed correctly and that neither the originals nor the replacements are altered or changed. Your GO2 Weapons rifle is a complex precision tool with many parts that must relate correctly with other parts in order for proper and safe operation. Putting a rifle together wrong or with incorrect or modified parts can result in a damaged rifle, serious personal injury or death to you and others through malfunction. Always have a qualified gunsmith work on your rifle or at least check any work not performed by a gunsmith.

Lifetime Warranty

This GO2 Weapons firearm is warranted for lifetime against defects in material and workmanship. All parts and labor or replacement at our option are covered.

Government fees, damage caused by failure to perform normal maintenance, sales outside the United States, damage due to high velocity, high pressure, reloaded, or other non-standard ammunition, normal wear and tear, excessive use or any unauthorized repair, modification, misuse, abuse, or alteration of the product is not covered by this warranty.



DISCLAIMER OF LIABILITY

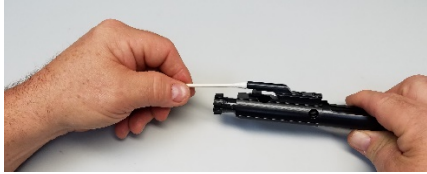
NOTICE OF DISCLAIMER OF LIABILITY

GO2 Weapons, Inc. will not be responsible for the results of careless handling, unauthorized repairs and adjustments, corrosion, neglect, and unreasonable or unsafe use. Go2 Weapons, Inc. assumes no responsibility for damage and/or injury caused in whole or in part by hand loaded, reloaded or defective ammunition. Under no circumstances shall Go2 Weapons be responsible for incidental or consequential damages with respect to economic loss or injury to property arising out of use of hand loaded or remanufactured ammunition, negligence, unsafe handling or unauthorized modifications to the firearm. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations regarding them may not apply to you.

USE OF CORRODED, HAND LOADED, STEEL OR ALUMINUM CASED, DAMAGED, OR LAQUER COATED AMMUNITION CAN CAUSE INJURY OR DEATH AND MAY VOID WARRANTY



PROBLEM / SOLUTION

| PROBLEM | CHECK FOR: | WHAT TO DO: |
|--------------------------|---|---|
| RIFLE WON'T FIRE | SELECTOR LEVER ON SAFE | PUT IT ON FIRE |
| | IMPROPER ASSEMBLY OF FIRING PIN | ASSEMBLE CORRECTLY RETAINING PIN GOES IN BACK OF LARGE SHOULDER ON FIRING PIN |
| | TOO MUCH OIL IN FIRING PIN RECESS | WIPE OUT WITH Q-TIP  |
| | DEFECTIVE AMMUNITION | REMOVE AND DISCARD |
| | TOO MUCH CARBON ON FIRING PIN OR IN FIRING PIN RECESS | CLEAN |
| BOLT WON'T UNLOCK | DIRTY OR BURRED BOLT | CLEAN, OR SEE YOUR GUNSMITH |
| WON'T EXTRACT | BROKEN EXTRACTOR SPRING | SEE YOUR GUNSMITH |
| | DIRTY OR CORRODED AMMO | REMOVE STUCK ROUND PUSH OUT WITH CLEANING ROD |
| | CARBON IN CHAMBER | CLEAN CHAMBER |
| | FOULING OR CARBON IN EXTRACTOR RECESS OR LIP | CLEAN EXTRACTOR |




PROBLEM / SOLUTION

| PROBLEM | CHECK FOR: | WHAT TO DO: |
|---------------------|---|--|
| WON'T FEED | <ul style="list-style-type: none"> • DIRTY OR CORRODED AMMO • DIRTY MAGAZINE • DEFECTIVE MAGAZINE • TOO MANY ROUNDS IN MAGAZINE • ACTION OF BUFFER • ASSEMBLY IS RESTRICTED • MAGAZINE IS NOT FULLY SEATED | <ul style="list-style-type: none"> • CLEAN • CLEAN • REPLACE • TAKE OUT EXCESS • TAKE OUT BUFFER AND SPRING – CLEAN THEM • ADJUST MAGAZINE CATCH PRESS MAGAZINE CATCH BUTTON ON RIGHT SIDE. TURN CATCH CLOCKWISE TO TIGHTEN AND COUNTERCLOCKWISE TO LOOSEN |
| DOUBLE FEED | <ul style="list-style-type: none"> • DEFECTIVE MAGAZINE | <ul style="list-style-type: none"> • REPLACE |
| WONT CHAMBER | <ul style="list-style-type: none"> • DIRTY OR CORRODED AMMO • DAMAGED AMMO • CARBON IN CHAMBER OR ON GAS TUBE | <ul style="list-style-type: none"> • CLEAN • REPLACE • CLEAN |



PROBLEM / SOLUTION

| PROBLEM | CHECK FOR: | WHAT TO DO: |
|---------------------|---|---|
| WON'T LOCK | <ul style="list-style-type: none"> • DIRT CORROSION OR CARBON BUILDUP IN BARREL LOCKING LUGS | <ul style="list-style-type: none"> • CLEAN LUGS |
| WONT EXTRACT | <ul style="list-style-type: none"> • FROZEN EXTRACTOR • RESTRICTED BUFFER ASSEMBLY • RESTRICTED MOVEMENT OF BOLT CARRIER GROUP | <ul style="list-style-type: none"> • REMOVE AND CLEAN • REMOVE AND CLEAN • REMOVE CLEAN AND LUBE (BEFORE PUTTING BOLT BACK IN MAKE SURE GAS TUBE FITS INTO CARRIER KEY AND THAT THE CARRIER MOVES FREELY) |
| SHORT RECOIL | <ul style="list-style-type: none"> • CORRECT ALIGNMENT OF GAPS IN BOLT GAS RINGS • CARBON OR DIRT IN CARRIER KEY OR ON OUTSIDE OF GAS TUBE • DEBRIS STUCK INSIDE CARRIER | <ul style="list-style-type: none"> • "GAPS IN THE 3 GAS RINGS SHOULD BE STAGGERED 120° AROUND THE BOLT BODY FOR MAXIMUM EFFECTIVENESS.  <ul style="list-style-type: none"> • TIP: GAS RINGS SHOULD BE REPLACED EVERY 3,000 ROUNDS • CLEAN CARRIER KEY OR AROUND THE GAS TUBE • CLEAN OUT IF POSSIBLE OR HAVE RIFLE CHECKED BY YOUR GUNSMITH |



PROBLEM / SOLUTION

| PROBLEM | CHECK FOR: | WHAT TO DO: |
|--|---|---|
| BOLT FAILS TO LOCK AFTER LAST ROUND | <ul style="list-style-type: none"> • DIRTY OR CORREDED BOLT LATCH • FAULTY MAGAZINE | <ul style="list-style-type: none"> • CLEAN OR REPLACE BOLT CATCH • CHECK FOR BUFFER ENDCAP BACKOUT OR OBSTRUCTION • CHECK FOR FULL TRAVEL OF BOLT CARRIER |
| SELECTOR LEVER BINDS | <ul style="list-style-type: none"> • NEEDS OIL • DEBRIS UNDER TRIGGER | <ul style="list-style-type: none"> • REPLACE • LUBRICATE WITH CLP • CLEAN |
| BOLT CARRIER HUNG UP | <ul style="list-style-type: none"> • ROUND JAMMED BETWEEN BOLT AND CHARGING HANDLE AND OR DOUBLE FEED <p>WARNING: KEEP CLEAR OF MUZZLE</p> <p>CAUTION: AFTER ROUND IS REMOVED, BOLT IS UNDER TENSION</p> | <ol style="list-style-type: none"> 1. REMOVE MAGAZINE. 8. PUSH IN ON THE BOTTOM OF THE BOLT LATCH. 9. WHILE PULLING DOWN ON CHARGING HANDLE, TAP THE RIFLE BUTT ON THE GROUND. BOLT SHOULD LOCK TO THE REAR. 10. WHILE BOLT IS HEALD TO THE REAR, ROUND SHOULD FALL THROUGH THE MAGAZINE WELL. <p>NOTE: IF THIS PROCEDURE FAILS, USE A SECTION OF THE CLEANING ROD TO PUSH THE BOLT FULLY TO THE REAR THROUGH THE EJECTION PORT.</p> |



ALWAYS FOLLOW SAFE GUN HANDLING RULES

- TAKE A FIREARMS SAFETY COURSE!!!!!!!!!!!!
- ALWAYS HANDLE YOUR FIREARM AS IF IT WERE LOADED
- NEVER POINT YOUR FIREARM AT ANYTHING YOU DON'T INTEND TO SHOOT
- KNOW YOUR TARGET AND BEYOND
- PROTECT YOUR EARS AND EYES
- NEVER LEAVE A FIREARM UNATTENDED
- DO NOT HANDLE YOUR FIREARM WHILE UNDER THE INFLUENCE OR IMPAIRED
- DO NOT ALLOW ANYONE TO SHOOT YOUR FIREARM WITHOUT READING THIS MANUAL
- DO NOT RELY SOLEY ON THE FIREARMS SAFETY
- USE ONLY THE AMMUNITION DESIGNED FOR YOUR FIREARM
- DO NOT TOUCH TRIGGER UNTIL READY TO FIRE
- UNLOAD YOUR FIREARM BEFORE HANDING TO OTHERS
- USE ONLY QUALITY AMMUNITION



