

Owner's Manual

Golani Semi-Auto Sporter Rifle, Cal. 5.56mm



Congratulations on your purchase of a Golani Semi-Auto Sporter Rifle. With proper care and handling it will give you long, reliable service.

We specifically disclaim any responsibility for damage or injury whatsoever, as a result of the use of faulty, non-standard or remanufactured ammunition, any modifications or changes made to the firearm; improper use or unsafe handling of the weapon. FIREARMS SAFETY IS THE SOLE RESPONSIBILITY OF THE SHOOTER.
ALWAYS TREAT ALL FIREARMS AS IF THEY WERE LOADED.

IMPORTANT! READ ALL
INSTRUCTIONS AND WARNINGS IN THIS
BOOKLET BEFORE USING THIS FIREARM.





IMPORTANT SAFETY MESSAGE

Children are attracted to, and can operate firearms which can cause severe injuries or death. Prevent child access by always keeping firearms 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.

Firearm Safety Depends on You!

A firearm is only as safe as the person operating it. You can never be overly careful when handling a firearm. Carelessness is often the cause of shooting accidents, such as failing to keep the muzzle pointed in a safe direction, not being sure of your target and what is behind it, failing to engage the safety properly, leaving ammunition in the chamber or using improper loads. Since a bullet can never be called back once fired, such errors in firearm handling can result in the loss of life or severe injury or property damage. It is thus crucial for your safety and the safety of those around you that you learn the principles of safe firearm handling and storage before you begin to use your new firearm. Be a safe shooter - please read this instruction book thoroughly even if this is not your first firearm purchase as not all firearms are the same. The first step in being a safe shooter is to learn the rules for the safe operation and handling of firearms. There is nothing more important in firearm handling than safety.

THE TEN COMMANDMENTS OF FIREARM SAFETY

The Ten Commandments of Firearm Safety must be etched into your memory before you begin to handle firearms. These rules are intended to be followed by all persons handling firearms in the field, on the range, or at home. Please read, review and understand these rules before you begin to use or even take your new firearm out of its box. Remember, firearms safety depends on you!



Commandment #1

Always Keep the Muzzle Pointed in a Safe Direction.

This is the most basic and most important safety rule. A safe direction is one in which an accidental discharge will not cause injury to yourself, to others or property damage. This is particularly important when loading or unloading your firearm. Never point your rifle at anything you do not intend to shoot. Treat every firearm as if it were loaded at all times.



Commandment #2

Firearms Should Be Unloaded When Not Actually in Use.

Firearms should only be loaded when you are in the field, on the target range or shooting area, ready to shoot. When not in use, firearms and ammunition should be secured in a safe place, separate from each other. Remember to unload your firearm completely, so that there is no ammunition in the chamber or magazine. Before handling this or any firearm, or handing it to someone else, visually check the chamber, receiver and magazine to ensure they do not contain ammunition. Always keep the rifle's action open when not in use. Never assume a firearm is unloaded - even if you were the last person to use it. Never cross a fence, climb a tree, wade through a stream, or perform any awkward movement with a loaded firearm. When in doubt, unload your firearm!

Never pull or push a loaded firearm toward yourself or another person. And never carry a loaded firearm in a scabbard, a holster not being worn, or a firearm case. Common sense prevails in firearm safety!

Alcohol, Drugs and Guns don't mix. Make no mistake about it! Never handle firearms after consuming alcohol or taking drugs which can affect your judgment.



Commandment #3

Don't Completely Rely on Your Gun's Safety.

Treat every firearm as though it could fire at any time, even if you are not applying pressure to the trigger. The "safety" on a firearm is a mechanical device which, like any such device, can become inoperable at the worst possible time and fail to function. By mistake, you may think the safety is "on" when it actually is not; or you may think your rifle is unloaded when there is actually a round of ammunition in it. The safety serves as a supplement to proper firearm handling but cannot serve as a substitute for common sense. Never handle a firearm carelessly and assume that it won't fire, just because "the safety is on." Never touch the firearm's trigger until you are ready to shoot. Keep your fingers away from the trigger when loading or unloading. Never pull the trigger when the safety is engaged or when the safety is positioned between the "safe" and "fire" positions. Never place your finger on the trigger unless you intend to fire.



Commandment #4

Be Sure of Your Target - And What Is Beyond It!

Once fired, a bullet (or shot charge) can never be called back, so before you shoot know where the bullet is going and what it will strike. Be certain your shot will not injure someone or strike something beyond the target. Never fire in the direction of noise, a movement, or at any object you cannot positively identify. Be aware that a center fire cartridge, such as a 5.56 mm can send its bullet over 3-miles. Make sure your shot has a backstop such as a hillside. Keep in mind how far the bullet will travel if it misses your intended target.



Commandment #5

Use the Correct Ammunition.

Every firearm is designed to use a certain caliber or gauge of ammunition. It is important that you use the correct ammunition for your firearm. Information on the correct ammunition to use with your firearm appears in the firearm's instruction manual and the manufacturer's markings on the firearm itself. Use of the wrong ammunition or improperly reloaded ammunition can result in the destruction of the firearm, serious personal injury and/or death.

Form the habit of examining every round of ammunition before you put it into your rifle to ensure it is of the proper gauge or caliber and that it is in good condition.



Commandment #6

If Your Gun Fails to Fire When the Trigger Is Pulled, Handle With Care.

If a cartridge does not fire when the trigger is pulled, follow Commandment #1 and keep the firearm's muzzle pointed in a safe direction. Keeping the muzzle pointed away from your face and anything you do not intend to shoot, wait at least 20-seconds (to ensure that the ammunition is not delayed in firing) before carefully opening the action, unloading the firearm and dispose of the ammunition safely.



Commandment #7

Always Wear Eye & Ear Protection When Shooting.

Exposure to shooting noise can permanently damage hearing and flying debris, such as powder residue and ejected cartridge cases can injure your eyes. Thus, it is only common sense to wear both eye protection (such as shooting glasses) and ear protection (such as a sound muffling headset) whenever shooting. Also, wear eye protection when cleaning or disassembling your rifle to ensure that cleaning solvent and tensioned parts (such as springs), do not come into contact with your eyes.



Commandment #8

Be Sure the Barrel Is Clear of Obstructions Before Shooting.

Discharging a firearm with an obstruction in the barrel can result in personal injury, property damage or death. Ensure your firearm is unloaded and check the inside of the barrel (bore) to ensure it is free of obstructions. This can be done/checked either from the breech end or by locking the action open and using a cleaning rod. Even a small amount of mud, snow or excess lubricating oil or grease in the bore can cause excessive pressures resulting in a bulged or burst barrel which can injure or kill the shooter and bystanders. It's a good idea to make a habit of cleaning the bore and checking for obstructions with a cleaning rod just before each shooting session. If the noise or recoil experienced upon firing seems low or weak, or something doesn't feel "right", cease firing immediately and check to make sure that there is no obstruction in the barrel. Placing an undersized cartridge into a firearm can result in the smaller round of ammunition falling into the barrel and acting as an obstruction. When a round is subsequently fired, the barrel may burst causing injury to the shooter and bystanders. For reference, re-read Commandment #5.



Commandment #9

Do Not Alter or Modify Your Rifle and Have It Serviced Regularly.

Firearms are complex mechanisms that are designed to function properly in their original condition. Any alterations or changes made to a firearm after its manufacture can make the firearm unsafe and will void its warranty. Do not jeopardize your safety or the safety of others by altering the trigger, mechanical safety or other mechanisms of your firearm. You should have your firearm periodically checked for proper functioning and serviced by a qualified gunsmith.



Commandment #10

Learn the Mechanical and Handling Characteristics of Your Firearm.

Not all firearms operate the same way. The method of carrying, handling and operating firearms varies with the mechanical characteristics of each firearm. Thus, you should never handle any firearm until you become familiar with the safe handling, loading, unloading and carrying procedures for that particular firearm, as well as the rules for safe firearm handling in general.



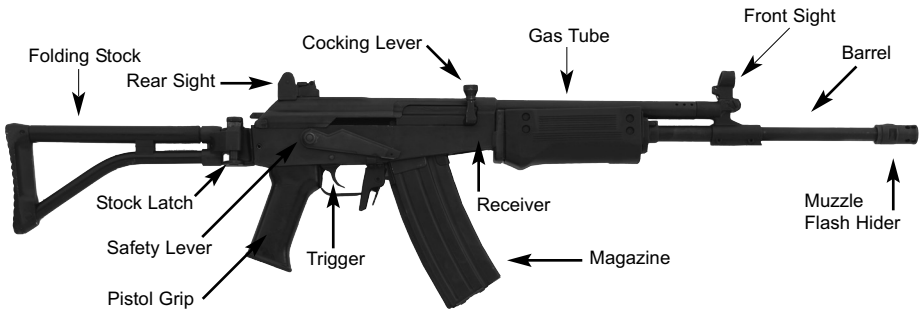
WARNING! Discharging firearms in poorly ventilated areas, cleaning firearms or handling ammunition may result in exposure to lead and other substances known to cause birth defects, reproductive harm and other serious injury. Have adequate ventilation at all times when shooting. Wash hands thoroughly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

Basics of Safe Gun Handling

1. Always keep the muzzle pointed in a safe direction.
2. Firearms should be unloaded when not actually in use.
3. Don't totally rely on your firearm's safety.
4. Be sure of your target and what's beyond it.
5. Use the correct ammunition for your firearm.
6. If your firearm fails to fire when the trigger is pulled, handle with care.
7. Always wear eye and ear protection when shooting.
8. Be sure the barrel is clear of obstructions before shooting.
9. Don't alter or modify your firearm and have your firearm(s) serviced regularly.
10. Learn the mechanics and handling characteristics of the firearm you are using.

Safe firearm handling depends on you! A safe shooter is a knowledgeable shooter.

There is one other rule that must be strictly observed when handling firearms - **Shoot Sober!** Alcohol, certain kinds of drugs and firearms don't mix. Safe firearms handling requires alertness and concentration on one's actions. You cannot handle a firearm safely after consuming alcohol. Never consume anything that can impair your judgement or physical coordination when handling a firearm.

Diagram showing major operational parts of the Golani Sporter rifle

The picture above shows the main operational parts of the rifle.

Study of this picture will aid you in understanding the instructions in this booklet.



IMPORTANT NOTICE! The Golani Sporter Rifle should be carefully inspected before use. The bore (interior of the barrel) as well as action parts (moving parts inside the receiver) may contain grease applied during storage. This should be removed before using the rifle (see the section on cleaning within this manual). Thoroughly read and make sure you understand all of the instructions within this booklet before loading and firing your new rifle to ensure its safe operation and handling.

Golani rifle background: Congratulations on your purchase of a fine Golani Sporter Rifle! With proper care and handling it will give you long, reliable service. The Golani is a semi-auto sporter rifle chambered for the 5.56mm cartridge. Though its outward appearance is somewhat similar to a famous military pattern rifle, the Golani is a genuine semi-auto style rifle!

Characteristics: The Golani is light weight, air cooled, gas operated, magazine fed shoulder fired firearm. Ease of operation is a notable characteristic as the upward pointing knob on the cocking lever, the positioning of the safety lever and magazine release allows ambidextrous operation. No tools are required to field strip this rifle. The safety lever, when in the SAFE position, blocks the trigger from moving and covers the slot in the receiver in which the cocking lever travels, thereby preventing not only cocking the rifle but also preventing dirt and debris from entering the action which could result in a stoppage. The convenient folding stock allows operation in tight areas and also allows the rifle to fold into a compact package for easier storage. With a twist rate of 1-9" the rifle should readily handle both the 55 and 63 grain 5.56mm ball ammunition.



WARNING! This firearm should be checked periodically for worn or damaged parts by a competent gunsmith. This will help ensure its safe functioning and a long service life.

WARNING! Some cleaning solvents produce hazardous vapors. Read and follow the solvent manufacturer's cautions found on the product's package.

WARNING! Handling ammunition and cleaning firearms results in exposure to lead and other substances that could pose health risks. Always wash your hands and face after firing your rifle or after cleaning it.

Specifications: Caliber: 5.56mm; Type of Firearm: semi-automatic rifle; Barrel: 16.25"; Rate of Twist: 1 turn in 9"; Overall Length: 29" (with stock folded), 38" (with stock extended); Weight: 8.13 lbs.; Magazine capacity: 35-rounds; Sights: Rear, twin aperture flip-type peep with protective wings, Front, dual post with protective ring; front sight adjustable for elevation with an accessory sight tool, windage adjustments are made with the screws at the front sight's base; Sling attachment points at left sides of gas tube & receiver; Folding stock locks into extended position via a spring-loaded mechanism.

How your Golani rifle functions: When the rifle is fired, gases from the burning propellant powder enter the gas tube and push the gas piston and bolt carrier rearward. This backward movement causes the bolt to rotate and move rearward allowing the empty cartridge case to be pulled backward out of the chamber by the extractor. As it moves, the cartridge case is pushed out of the ejection port by the ejector. At the same time, the hammer is re-cocked and re-engaged with the trigger sear.

After compression by the bolt carrier and bolt, the return spring expands and forces the bolt carrier and bolt forward. During its travel, the bolt strips a cartridge from the magazine and feeds it into the barrel's chamber as the extractor catches the cartridge's case rim. At the end of the parts' movement, the bolt is locked (by spring pressure) against the breech.

Loading the rifle:



WARNING! Before loading, make sure the inside of the barrel is free of dirt and obstructions.

WARNING! Always check each cartridge to ensure it is of the correct caliber before loading the firearm.

WARNING! Keep your fingers away from the trigger while loading.

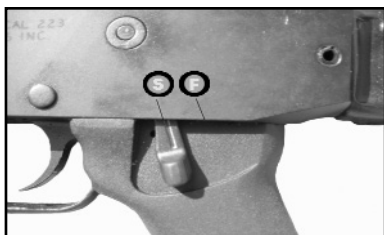
WARNING! Always keep muzzle pointed in a safe direction.

WARNING! Use of commercial ammunition in this rifle may result in an ammunition malfunction, and could result in personal injury or property damage.

WARNING! Removing the magazine from the rifle will not prevent the rifle from firing if there is a cartridge in the chamber.

1. Place the safety lever in the "on" or "SAFE" position. Please note that the Golani has two safety levers on either side of the receiver which work simultaneously. The safety lever (on the left side of the receiver) is in the "on" position when it is moved to its fully-forward position where it is aligned with the stamped letter "S" on the receiver (designated the "SAFE" position). The safety lever on the right side of the receiver is in the "safe" position when it is moved fully upward opposite the stamped letter "S" on the receiver. You will hear an audible "click" sound when the safety levers are correctly in place (see illustrations #2 & #3).

Illustration #2



Safety lever in forward "safe" position aligned with the stamped letter "S" on the receiver.

*Note that the black circles are not actually on rifle.

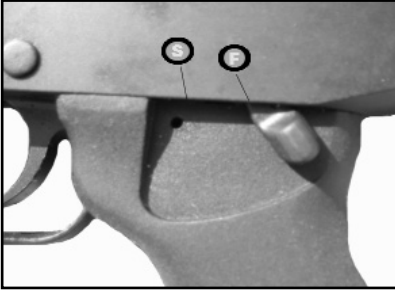
Illustration #3



The dust cover also acts as a safety lever. Move it upward to place the safety on.

Note: When the safety lever on the left side of the receiver is in its rearmost position (aligned with the stamped letter “F” meaning “Fire” on the receiver), or when the safety lever on the right side of the receiver is in its downward position (pointing to the stamped letter “F” on the receiver) the rifle is in the ready to fire mode. Pulling the trigger when the safety levers are pointing to the letter “F” position will result in the rifle firing a round (if there is ammunition in the chamber). To avoid serious injury, death or causing property damage, make sure you know the “SAFE” and “FIRE” positions of the safety levers before attempting to load your rifle (see illustrations #4 & #5)!

Illustration #4



Safety lever at left side of rifle in rearmost “fire” position. Lever is pointing toward the stamped letter “F” on the receiver.

*Note that the black circles are not actually on rifle.

Illustration #5



Safety lever at right side of receiver in down “fire” position pointing to the stamped letter “F” on the receiver.

Loading the magazine:

1. If the magazine is inserted in the rifle, grasp the magazine with one hand and press the magazine release lever (located in front of the trigger guard) forward with the finger of the other hand (see illustration # 6). This action will allow you to remove the magazine from the rifle.
2. Load the magazine with ammunition by pressing the cartridges one-at-a-time into the spring-loaded magazine follower - rear of the cartridge entering the magazine first. Ensure that the base of each cartridge is against the magazine’s rear wall.

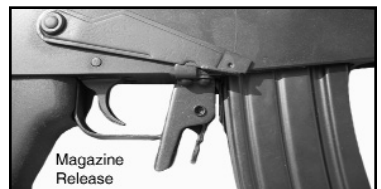


Note: Make sure that the safety lever is in the “S” (safe) position before inserting the loaded magazine.

Inserting the Magazine:

1. To insert the loaded magazine back into the rifle, grasp the pistol grip with one hand and tilt the rifle slightly to the right. With the other hand, insert the magazine into the rifle’s magazine well (with the cartridges facing forward) allowing the magazine catch to grasp hold of the magazine. You will hear an audible “click” sound when the magazine is properly locked into place. Finally, pull downward slightly on the magazine to ensure it is locked into position.

Illustration #6



Push forward on the magazine release to withdraw the magazine from the rifle.

Readying to fire:



You should wear eye and ear protection *before* loading the firearm and picking it up, and while keeping the muzzle pointed in a safe direction, move the safety lever to the “fire” position. To feed a round into the chamber grasp the forearm and pull back on the cocking handle with your right hand, pulling all of the way back and releasing the handle. Place the firearm on safe. This action will strip a round of ammunition from the magazine and insert it into the chamber, thereby charging the rifle. The rifle is now loaded - *handle with extreme caution!*



Warning! *The rifle is now loaded and will fire when either of the safety levers are moved to the “off” or “fire” position (lever aligned with the letter “F” on the receiver) and the trigger is pulled. Handle with caution and keep muzzle pointed in safe direction. Move either safety lever to the “safe” position until you are ready to fire.*

To fire the rifle:

* Note - that if there is a cartridge in the chamber, the rifle will fire if the magazine is removed or if the trigger is pulled. These features allow for the rifle to be used in single shot mode for training, or if the magazine is damaged or lost.

1. Keeping the 10 Commandments of Shooting Safety in mind, aim rifle downrange at target.
2. Release either safety lever by moving it until it is aligned with the stamped letter “F” (meaning “FIRE”) on the receiver. An audible “click” should be heard.
3. Place the trigger finger inside the trigger guard.
4. After aligning the sights on the target, slowly press the trigger back to fire the first round.
5. Being a semi-automatic, after the first round is fired, the rifle’s action will cycle and as the bolt moves rearward, the extractor will pull the empty cartridge case from the chamber and eject it from the rifle.



Warning! *Make sure there are no bystanders in close proximity on either side of the rifle who could be hit and injured by the ejected cartridge casing.*

6. Note - If the trigger is again pressed, the rifle will fire! Keep the muzzle pointed in a safe direction.
7. Firing may be continued in this manner until the magazine is empty. When firing is finished, put the safety lever in its “on” or “SAFE” position (see illustration #2 & #3).
8. Remove the magazine from the rifle.
9. Check the rifle’s chamber to ensure it does not contain a round of ammunition by pulling back the cocking lever and visually checking to ensure no ammunition remains inside.

Disassembly

To disassemble the rifle for cleaning and maintenance, first ensure it is unloaded by removing the magazine and pulling back the cocking lever and visually checking the chamber to ensure there is no ammunition present. Then follow the steps below.



WARNING! *You should wear eye protection, such as shooting glasses or goggles when disassembling and re-assembling your rifle to protect your eyes from tensioned parts, such as springs, that could become dislodged during the following procedures.*

1. Move the safety lever to the “F” or “fire” position.
2. Press in on the tab (called the cover catch) at the rear of the receiver to release it.
3. Tilt the cover assembly to the right while lifting it and then pulling it backward to remove the cover assembly from the rifle.
4. While holding the rifle by the grip with one hand, press in on the cover catch again and remove the recoil spring assembly.
5. Pull the bolt and carrier assembly out of the rifle.
6. Grasp the gas cylinder assembly with one hand and with the other, pull upward and outward on the gas cylinder to remove it.

No further disassembly is required for normal cleaning and maintenance.

Cleaning Procedure:



WARNING! Before beginning the cleaning process, check to ensure the rifle is unloaded by following the procedures detailed in this booklet. Firearms can inflict death or serious injury. You can never be ‘too safe’. Follow this procedure each time you clean your rifle to ensure safety.



WARNING! You should wear eye protection, such as shooting glasses or goggles when cleaning your firearm to protect your eyes from tensioned parts, such as springs, that may become dislodged during disassembly.

1. Obtain a quality rifle cleaning kit and review its provided instructions.
2. To clean the barrel, select the correct caliber cleaning brush and attach it to a cleaning rod.
3. Dampen the brush with firearm cleaning solvent and then push the brush through the barrel several times.
4. Remove the brush and attach a correctly-sized cloth cleaning patch to the cleaning rod and push it through the barrel several times to remove loosened fouling.
5. Repeat this process with the brush and cleaning patches until a final patch comes out clean.
6. Wipe down the bolt and other action parts with a cloth rag dipped in solvent. Make sure to wipe out the cup in the gas block and clear the vent with a small pipe cleaner.
7. Remove all shooting residue from the outside of the rifle by wiping outside surfaces with a piece of soft cloth dabbed in solvent.
8. Dry all parts with a cloth and finally, wipe down all outside surfaces with a soft cloth dipped in a good quality metal preservative oil.



WARNING! There may be sharp edges on parts of the firearm. Keep fingers protected, such as by wearing a pair of protective gloves when cleaning.

WARNING! Excessive use of cleaning solvents or lubricants can adversely affect the functioning of your rifle. Always wipe dry the inside of the barrel before firing and ensure it is free of obstructions.

WARNING! This firearm should be checked periodically for worn or damaged parts by a competent gunsmith. This will help ensure its safe functioning and a long service life.

WARNING! Some cleaning solvents produce hazardous vapors. Read and follow the solvent manufacturer’s cautions found on the product’s package.

WARNING! Handling ammunition and cleaning firearms results in exposure to lead and other substances that could pose health risks. Always wash your hands and face after firing your rifle or after cleaning it.

Reassembly

Reassembly is in reverse order of disassembly.

1. Fit the rear end of the gas cylinder in its guide between the handguard and the chamber. Insert the gas cylinder's front end into the opening below the front sight and push it into place.
2. Install the bolt inside the carrier, and while pushing it forward turn it until it locks into position. Use the thumb to keep the bolt locked into position while installing the bolt carrier assembly into the rifle's receiver. Point the piston toward the gas cylinder and the rear of the assembly toward its groove in the receiver when installing.
3. Insert the front end of the return spring assembly into the opening at the rear of the bolt carrier. Push the spring's rear end inside the groove in the receiver, making sure the rear end is resting against the receiver.
4. Next, install the receiver cover above the bolt carrier assembly. Push the cover's back against the cover catch while inserting the front end of the cover into the arched slot at the base of the gas cylinder.
5. Push the edge of the cover into the slot at the receiver's rear until the cover catch engages the cover and protrudes through its opening.
6. Check function by cycling the bolt to ensure the rifle has been correctly reassembled.

Magazine Disassembly

If it becomes necessary to disassemble and clean the magazine, follow this procedure:



Warning! The magazine spring is under tension. Keep the magazine opening pointed away from your face.

1. Press in on the catch in the middle of the magazine's base and pull the floor plate outward until it stops.
2. Press in on the mainspring with the thumb to prevent it from releasing and remove the floor plate from the magazine.
3. Free the mainspring by slowly releasing thumb pressure and rocking the spring slightly to allow it to be pulled from the magazine body. The follower should then drop out.
4. Clean the magazine parts with a soft cloth dipped in solvent. Then wipe dry.

Magazine Reassembly

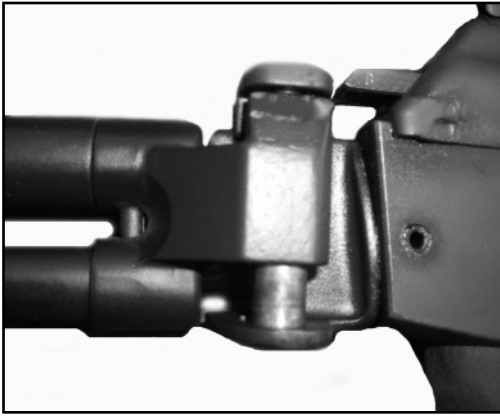
1. Insert the follower and spring into the magazine body.
2. Compress spring with finger while inserting the floor plate until the catch locks it into position.
3. Check for proper function by pressing against the follower to ensure it is under spring pressure. Pull slightly on the floor plate to make sure it is locked into position.

Operation of the Folding Stock

Your Golani rifle is equipped with a metal folding stock. In its extended position, accurate fire can be achieved by mounting the rifle to the shoulder. Its folded position allows convenient storage.

The stock contains a spring loaded locking latch (see illustration #7). To open the stock, pull it outward and away from the receiver and allow it to travel through its arc until it locks into position at the rear of the receiver. It is now in position for firing from the shoulder-mounted position. To retract the stock, while supporting the rifle with one hand, press downward on the stock's top surface until the locking latch allows you to swing the stock through its arc and into position alongside the receiver. Spring pressure will keep the stock in the folded position.

Illustration #7



The locking latch keeps the stock locked in the folded or extended position.

Illustration #8



Golani rifle with stock folded to allow convenient transport and storage.

Golani Semi-Auto Sporter Rifle, Cal. 5.56mm



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