

GOLD[®] LIGHT 10
SHOTGUN



**OWNER'S
MANUAL**



Important operating instructions for:

**BROWNING GOLD® LIGHT 10
AUTOLOADING SHOTGUNS**

If you have any questions about your new firearm, this owner's manual or other Browning products, contact:

Browning Customer Service
One Browning Place
Morgan, UT 84050-9326
Phone: (800) 333-3288
browning.com

Please use the space below to record information about your new firearm.

Model _____

Serial Number _____

Purchased From _____

Date of Purchase _____

THANK YOU FOR CHOOSING BROWNING.

The Gold Light 10 autoloading shotgun incorporates the best of Browning craftsmanship, design and technology. The 10-Gauge offers increased shot payload and superior knock-down power. Every detail of the Gold Light 10 is engineered to provide you the best in handling and reliable operation.

With a reasonable amount of care, your Gold shotgun is designed to give you many years of dependable, enjoyable service.

Specifications within this owner's manual are correct at the time of printing and subject to change without notice.

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STATE WARNING

According to state law, California requires that firearm manufacturers, distributors and retailers include conspicuous, specific warnings with firearms sold in that state.

WARNING

Firearms must be handled responsibly and securely stored to prevent access by children and other unauthorized users.

California has strict laws pertaining to firearms, and you may be fined or imprisoned if you fail to comply with them. Visit the Web site of the California Attorney General at <https://oag.ca.gov/firearms> for information on firearm laws applicable to you and how you can comply.

Prevent child access by always keeping guns locked away and unloaded when not in use. If you keep a loaded firearm where a child obtains and improperly uses it, you may be fined or sent to prison.

ADVERTENCIA

Las armas de fuego deben de ser manipuladas responsablemente y almacenadas en sitios seguros para prevenir el acceso a ellas por parte de niños y personas sin autorización.

California cuenta con leyes estrictas sobre las armas de fuego, y puede ser multado y encarcelado si no las obedece. Visite la página web de California Attorney General, <https://oag.ca.gov/firearms> para más información sobre cómo cumplir con las leyes de armas de fuego.

Prevenga el acceso de los niños a las armas de fuego manteniéndolas siempre en un lugar seguro, bajo llave y descargadas cuando no estén en uso. Si usted deja un arma cargada al alcance de un niño, y éste la utiliza indebidamente, usted podría ser multado e incluso enviado a la cárcel.

WARNING: YOU ARE RESPONSIBLE FOR FIREARMS SAFETY

WARNING

FAILURE TO FOLLOW ANY OF THE FOLLOWING WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

As a gun owner, you accept a set of demanding responsibilities. How seriously you take these responsibilities can be the difference between life and death.

There is no excuse for careless or abusive handling of any firearm. At all times handle this firearm and all other firearms with intense respect for their power and potential danger.

Please read and understand all of the cautions, warnings, notices, proper handling procedures and instructions outlined in this owner's manual before using your new firearm.

1 ALWAYS KEEP THE MUZZLE OF YOUR FIREARM POINTED IN A SAFE DIRECTION EVEN THOUGH YOU ARE CERTAIN IT IS UNLOADED.

Never point any firearm at anything you do not intend to shoot. Be extremely alert and aware of all persons and property within the range of your ammunition.

2 NEVER RELY TOTALLY ON YOUR FIREARM'S MECHANICAL "SAFETY" DEVICE. LIKE ANY MECHANICAL DEVICE, A "SAFETY" CAN SOMETIMES FAIL; IT CAN BE JARRED OR INADVERTENTLY MANIPULATED INTO AN UNSAFE CONDITION.

The word "safety" describes a firearm's trigger block mechanism, sear block mechanism, hammer block mechanism or firing pin block mechanism. Mechanical "safeties" are designed to place your firearm in a safer status, and no guarantee can be made that the firearm will not fire even if the "safety" is in the on safe position. Mechanical "safeties" merely aid safe gun handling and are no excuse for pointing your firearm's muzzle in an unsafe direction. See "Operation of the Safety" on pages 12-13 for instructions on the operation of this firearm's "safety."

Remember, safe gun handling does not stop with your firearm's mechanical "safety" devices, it starts there. Always treat this firearm with the respect due a loaded, ready-to-fire firearm.

Some firearms do not have a mechanical "safety." Many target firearms, lever-action firearms and pistols do not have manual "safety" mechanisms. Therefore it is critical to read and understand the owner's manual for every firearm which explains the safe operation of the firearm.

While it is a good idea to "test" your firearm's mechanical "safety" periodically for proper function, never test the "safety" while your firearm is loaded or pointed in an unsafe direction.

3 WHENEVER YOU HANDLE ANY FIREARM, OR HAND IT TO SOMEONE, ALWAYS OPEN THE ACTION IMMEDIATELY AND VISUALLY CHECK THE FIREARM'S CHAMBER TO MAKE CERTAIN THAT THE FIREARM IS COMPLETELY UNLOADED.

Make certain the firearm does not inadvertently contain any ammunition. Remember, merely removing the magazine does not mean the chamber is unloaded. Always keep the chamber empty and the “safety” in the on safe position unless shooting is imminent.

4 ALWAYS WEAR EAR AND EYE PROTECTION WHEN SHOOTING.

Unprotected, repeated exposure to gunfire can cause hearing damage. Wear hearing protection (shooting earplugs or muffs) to guard against such damage.

Wear shooting glasses to protect your eyes from flying particles. Allow proper distance (eye relief) between a scope and your eye when firing a scoped rifle, shotgun or pistol. Do not use unorthodox shooting methods that could cause the rearward travel of the slide or bolt of a firearm to contact your eyes, face or hands. Always keep a safe distance between the muzzle of your firearm and any persons nearby, as muzzle blast, debris and ejecting shells could inflict serious injury.

Always wear eye protection when disassembling and cleaning any firearm to prevent the possibility of springs, spring-tensioned parts, solvents or other agents from contacting your eyes.

5 KEEP ALL FIREARMS UNLOADED DURING TRANSPORT, EVEN WHEN STORED IN A HOLSTER, GUN CASE, SCABBARD OR OTHER CONTAINER.

6 DROPPING OR JARRING A LOADED FIREARM CAN CAUSE ACCIDENTAL DISCHARGE.

This can occur even with the “safety” in the on safe position. Be extremely careful while hunting or during any shooting activity to avoid dropping any firearm.

7 HUNTING FROM ELEVATED SURFACES SUCH AS TREESTANDS IS DANGEROUS.

Doing so may increase the risk of mishandling a firearm. The following rules should always be observed by you and those you hunt with. Always make certain that the stand being used is safe and stable. Always make certain that your firearm is unloaded when it is being taken up and down from the stand. Always make certain that your firearm is not dropped from the stand, or dropped while it is being taken up or down from the stand. Remember, a loaded firearm may discharge when dropped, even with the “safety” in the on safe position.

8 STORE YOUR FIREARM AND AMMUNITION SEPARATELY, WELL BEYOND THE REACH OF CHILDREN.

Take prudent safeguards to ensure your firearm does not become available to untrained, inexperienced or unwelcome hands. Store all firearms in secure, locked cases or a gun safe. Keep your firearm unloaded when not in use.

9 BEWARE OF BARREL OBSTRUCTIONS.

Mud, snow and an infinite variety of other objects may inadvertently lodge in a barrel bore. It only takes a small obstruction to cause dangerously increased pressures that can damage your firearm and cause serious injury to yourself and others.

BEFORE CHECKING FOR A BARREL OBSTRUCTION, BE CERTAIN YOUR FIREARM IS COMPLETELY UNLOADED, THERE IS NOT A LIVE SHELL IN THE CHAMBER AND THE “SAFETY” IS IN THE ON SAFE POSITION.

After ensuring that the firearm is completely unloaded, open the breech or action and look through the barrel to be sure it is clear of obstructions. If an obstruction is seen, no matter how small it may be, clean the bore with a cleaning rod and patch as described on pages 32-35 of this owner’s manual.

10 BE ALERT TO THE SIGNS OF AMMUNITION MALFUNCTION. IF YOU DETECT AN OFF SOUND OR LIGHT RECOIL WHEN A SHELL IS FIRED, DO NOT LOAD ANOTHER SHELL INTO THE CHAMBER.

If your firearm fails to fire, keep the muzzle pointed in a safe direction for a minimum of 30 seconds. Rotate the ejection area of the firearm away from you, carefully open the action and remove the shell from the chamber. If the primer is indented, the defective shell should be disposed of in a way that cannot cause harm. If the primer is not indented, your firearm should be examined by a qualified gunsmith and the cause of the malfunction corrected before further use. Glance down the barrel to make sure that no obstructions remain in the barrel. Completely clear the barrel before loading and firing again. Failure to follow these instructions can cause extensive damage to your firearm and possible serious injury to yourself and others.

11 NEVER INSERT A SHELL OF THE INCORRECT GAUGE INTO ANY FIREARM.

The gauge of your firearm is marked on the barrel. Store all shells of different gauges in completely separate and well-marked containers. Never store shells of mixed gauges in a common container or in your pockets. See pages 16-17 for more information on the correct ammunition for your firearm.

12 EXAMINE EVERY SHELL YOU PUT IN YOUR FIREARM.

We assume no responsibility for the use of unsafe or improper firearm and ammunition combinations or damage or injury caused by damaged ammunition. It is your responsibility to read and heed all warnings in this owner's manual and on ammunition boxes. See pages 16-17 for more information on the correct ammunition for your firearm.

13 USE ONLY SAAMI APPROVED AMMUNITION.

The barrel and action of this firearm have been made with safety margins over the pressures established by the Sporting Arms and

Ammunition Manufacturers' Institute (SAAMI) for Service Cartridges. However, we assume no responsibility for incidents which occur through the use of cartridges of nonstandard dimension or those developing pressures in excess of SAAMI established standards.

14 DISCHARGING FIREARMS IN POORLY VENTILATED AREAS, CLEANING FIREARMS OR HANDLING AMMUNITION MAY RESULT IN EXPOSURE TO LEAD AND OTHER SUBSTANCES KNOWN TO CAUSE BIRTH DEFECTS, REPRODUCTIVE HARM AND OTHER SERIOUS PHYSICAL INJURY. HAVE ADEQUATE VENTILATION AT ALL TIMES. WASH HANDS THOROUGHLY AFTER EXPOSURE.

15 DO NOT SNAP THE FIRING PIN ON AN EMPTY CHAMBER; THE CHAMBER MAY NOT BE EMPTY!

Treat every firearm with the respect due a loaded firearm, even though you are certain the firearm is unloaded.

16 KEEP YOUR FINGERS AWAY FROM THE TRIGGER WHILE LOADING AND UNLOADING UNTIL SHOOTING IS IMMINENT.

17 BE SURE OF YOUR TARGET AND BACKSTOP, PARTICULARLY DURING LOW LIGHT PERIODS.

Know the range of your ammunition. Never shoot at water or hard objects.

18 ALWAYS UNLOAD YOUR FIREARM'S CHAMBER BEFORE CROSSING A FENCE, CLIMBING A TREE, JUMPING A DITCH OR NEGOTIATING OTHER OBSTACLES.

Never place your firearm on or against a fence, tree, car or other similar object.

19 BE DEFENSIVE AND ON GUARD AGAINST UNSAFE GUN HANDLING AROUND YOU AND OTHERS.

Don't be timid when it comes to firearm safety. If you observe other shooters violating any of these safety precautions, politely suggest safer handling practices.

20 BE CERTAIN YOUR FIREARM IS UNLOADED BEFORE CLEANING.

Special and extreme care should be taken to be sure your firearm is unloaded before disassembly, cleaning and reassembly. Keep ammunition away from the cleaning location. Never test the mechanical function of any firearm with live ammunition.

21 TEACH AND SUPERVISE FIREARMS SAFETY TO ALL MEMBERS OF YOUR FAMILY, ESPECIALLY TO CHILDREN AND NON-SHOOTERS.

Closely supervise newcomers to the shooting sports. Encourage enrollment in hunting and shooting safety courses.

22 NEVER DRINK ALCOHOLIC BEVERAGES OR TAKE ANY TYPE OF DRUGS BEFORE OR DURING SHOOTING.

Your vision, motor skills and judgment could be dangerously impaired, making your gun handling unsafe to you and to others.

23 READ AND HEED ALL WARNINGS IN THIS OWNER'S MANUAL, ON AMMUNITION BOXES AND WITH ALL ACCESSORIES THAT YOU INSTALL ON YOUR FIREARM.

It is your responsibility to secure the most up-to-date information on the safe handling procedures of your Browning firearm. We assume no liability for incidents which occur when unsafe or improper firearm accessories or ammunition combinations are used.

24 PRACTICE PERIODIC MAINTENANCE, AVOID UNAUTHORIZED SERVICING.

Your firearm is a mechanical device which will not last forever, and as such, is subject to wear and requires periodic inspection, adjustment and service. Browning firearms should be serviced by a Browning Recommended Service Center or by our Service Facility in Arnold, Missouri. We assume no responsibility for injuries suffered or caused by unauthorized servicing, alterations or modifications of Browning firearms.

25 DO NOT, UNDER ANY CIRCUMSTANCES, ALTER THE TRIGGER, "SAFETY" OR OTHER PARTS OF THE FIRING MECHANISM OF THIS OR ANY OTHER FIREARM EXCEPT AS OTHERWISE DESCRIBED IN THIS MANUAL.

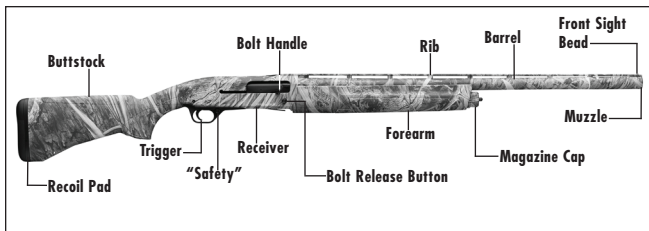
We reserve the right to refuse service on firearms that have been altered, added to or substantially changed. Removal of metal from the barrel, or modifications of the firing mechanism and/or operating parts may lead to a refusal of service on such firearms. You will be charged for parts and labor to return the firearm to original specifications prior to servicing your firearm.

With respect to **AFTERMARKET PARTS OR COMPONENTS** (including, for example, aftermarket trigger systems, barrels, muzzle brakes, suppressors, magazines, etc.), **USE AT YOUR OWN RISK**. Browning firearms are designed and engineered to meet stringent safety standards. Browning is not responsible for personal injuries or property damage caused by alterations to a firearm. This includes the incorporation of aftermarket parts or components that may or may not satisfy Sporting Arms and Ammunition Manufacturers' Institute (SAAMI) standards (for example, an aftermarket trigger system may not satisfy SAAMI minimum trigger pull standards, etc.) or may create other dangerous conditions. These conditions may or may not be apparent to the user (for example, installing an aftermarket barrel may have the effect of altering critical firearm dimensions, including headspace, and may create an unsafe firing condition, etc.). Aftermarket parts or components that do not satisfy SAAMI standards, or that could create other dangerous conditions, should not be used.

FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY OR DEATH, AS WELL AS CAUSE DAMAGE TO YOUR FIREARM.

BE CAREFUL!

FIGURE 1



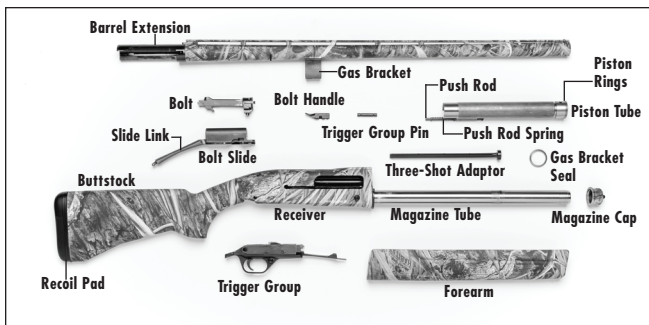
GENERAL DESCRIPTION AND OPERATION

The Browning Gold Light 10 shotgun is a gas-operated, autoloading shotgun capable of quickly firing up to four shells (with the magazine three-shot adaptor plug removed), one shell at a time, with each successive pull of the trigger. Upon firing, high-pressure gases from behind the shot charge pass through a port in the barrel, through the gas bracket and into the gas piston tube assembly, forcing it rearward. As the piston tube assembly moves rearward, it forces the bolt to the rear, operating the action. As the bolt moves rearward, it cocks the hammer and ejects the fired shell. After full rearward travel, the bolt returns forward, picks up a new shell from the magazine and chambers it automatically. The short-stroke and snug, gas-sealing fit of the piston tube assembly limits the amount of combustion gases blown into the receiver. After the last shell has been fired, the bolt assembly locks to the rear instead of returning forward. This facilitates fast reloading.

NOMENCLATURE

In conventional firearm terminology the position and movement of firearm parts are described as they occur with the firearm horizontal and in the normal firing position: i.e., the muzzle is forward or in front; the buttstock is rearward or to the rear; the trigger is downward

FIGURE 2



or underneath; the rib is upward or on top. For general parts nomenclature, refer to Figure 1 on page 11. For specific parts names related to disassembly, refer to Figure 2.

SERIAL NUMBER

The serial number of your Gold Light 10 shotgun is found on the right side of the receiver, below the ejection port, in front of the trigger guard. Record this number in the space provided at the front of this owner's manual for future reference.

INITIAL CLEANING

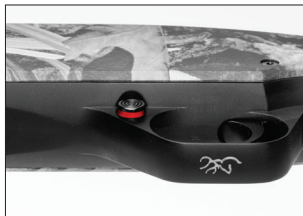
Various exposed metal parts of your new firearm have been coated at the factory with a rust preventative compound. Before assembling your shotgun, clean the anti-rust compound from the inside of the barrel, receiver and the action/chamber areas. A high-quality lightweight gun oil is ideal for removing this compound, and for giving your new firearm its first lubrication. Clean the barrel using a cleaning rod and patch as explained under "Cleaning and Maintenance Suggestions" on pages 32-35.

FIGURE 3



The "safety" shown in the on safe position.

FIGURE 4



The "safety" shown in the off safe position.

OPERATION OF THE "SAFETY"

▲WARNING

ALWAYS KEEP THE "SAFETY" IN THE ON SAFE POSITION UNLESS SHOOTING IS IMMINENT. ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

The crossbolt "safety" is designed to prevent the trigger from being pulled when in the on safe position. The "safety" is located at the front of the trigger guard (Figure 3). In the off safe position, a red warning band is visible on the "safety" button on the left side of the trigger guard.

To place the firearm on safe, press the "safety" button to the right. To move the "safety" to the off safe or fire position, press the "safety" button to the left. This exposes the red warning band on the "safety" button (Figure 4).

▲WARNING

DO NOT DEPEND ON THE RED COLOR ALONE TO INDICATE YOUR FIREARM'S SAFETY STATUS. TIME, EXPOSURE TO THE ELEMENTS AND THE ABRASIVE ACTION OF CLEANING AGENTS CAN ERASE IT. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY OR DEATH.

The “safety” can be reversed from right- to left-handed by a qualified gunsmith. When installed, the left-handed “safety” will have the “safety” button’s red warning band on the right side of the trigger guard. The “safety” is installed at the factory in the right-handed shooter position. Before using your shotgun, verify the installation of the “safety.” Instructions in this owner’s manual are for the “safety” installed in the right-handed position.

ASSEMBLY

▲WARNING

ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. BEFORE STARTING ASSEMBLY PROCEDURES, VISUALLY INSPECT THE CHAMBER TO BE ABSOLUTELY CERTAIN THE FIREARM IS COMPLETELY UNLOADED. PLACE THE “SAFETY” IN THE ON SAFE POSITION. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY OR DEATH.

The Gold Light 10 shotgun is delivered in the box with the barrel and bolt handle removed, and the forearm attached to the magazine tube.

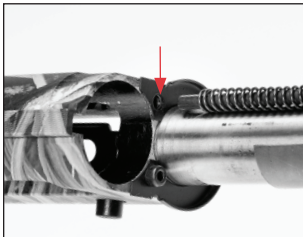
- 1 Locate the bolt handle in the box and install it according to the instructions under “Reinstalling the Bolt Assembly” on pages 40-41.
- 2 Lock the bolt rearward by pulling the bolt handle fully to the rear.

NOTICE

NEVER ALLOW THE ACTION TO SLAM CLOSED BY PRESSING THE BOLT RELEASE BUTTON WITHOUT THE BARREL INSTALLED. IF THE BOLT IS RELEASED FORWARD WITH THE BARREL REMOVED, THE BOLT HANDLE WILL HIT THE RECEIVER AND CAUSE DAMAGE.

- 3 Remove the forearm from the magazine tube by unscrewing the magazine cap and sliding the forearm forward, off the magazine tube.

FIGURE 5



Align the push rod with the hole in the receiver.

FIGURE 6



The tapered end of the gas bracket seal must face the gas bracket.

NOTICE

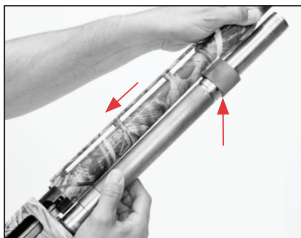
DO NOT SQUEEZE HARD ON THE OPEN REAR END OF A WOOD FOREARM. TOO MUCH PRESSURE COULD CAUSE THE WOOD TO SPLIT.

- 4 The components of the gas system; the piston tube assembly and gas bracket seal remain in place and do not need to be removed except for cleaning. If these components have been removed, reinstall them as explained below. Otherwise, proceed to step 7.
- 5 Slide the piston tube assembly onto the magazine tube with the piston tube push rod and piston tube push rod spring end first. Check the piston tube push rod to make sure it is aligned with the hole in the forearm shoe (Figure 5).
- 6 With the piston tube assembly in place, slide the gas bracket seal onto the magazine tube.
IMPORTANT: The tapered end of the gas bracket seal must face the gas bracket (Figure 6). The gas bracket seal must be fitted properly in order to effectively seal gases for precise operation of the gas system.
- 7 Align the gas bracket over the magazine tube (Figure 7, page 15). Slide the piston tube up to meet the gas bracket so that the piston tube goes up into the gas bracket. The barrel extension should slip

solidly down into the receiver. Make sure the piston tube assembly and piston tube push rod move freely into the hole on the forearm shoe and receiver.

- 8 Replace the forearm by sliding it onto the magazine tube and over the gas bracket so it seats securely. Install the magazine cap. Make sure the magazine cap is fully tightened down. Open and close the action several times and retighten the magazine cap.

FIGURE 7



Align the gas bracket on the magazine tube and slide the piston tube into the gas bracket.

DISASSEMBLY

▲WARNING

ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. BEFORE STARTING DISASSEMBLY PROCEDURES, OPEN THE ACTION AND VISUALLY INSPECT THE CHAMBER TO BE ABSOLUTELY CERTAIN THE FIREARM IS COMPLETELY UNLOADED. PLACE THE "SAFETY" IN THE ON SAFE POSITION. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY OR DEATH.

- 1 Unscrew the magazine cap and remove it.
- 2 Remove the forearm by sliding it forward off the magazine tube.
- 3 For cleaning, remove the barrel and piston tube assembly by sliding them forward off the magazine tube. Refer to pages 30-34 for cleaning procedures.

If you are disassembling for storage, return the piston tube assembly onto the magazine tube. Reinstall the forearm over the magazine tube and screw on the magazine cap. You will then have two compact units: The barrel, and the action with stock and forearm.

NOTICE

AFTER THE BARREL HAS BEEN REMOVED, LEAVE THE BOLT IN THE REARWARD POSITION. DO NOT PRESS THE BOLT RELEASE BUTTON. IF THE BOLT IS RELEASED FORWARD WITH THE BARREL REMOVED, THE BOLT HANDLE WILL STRIKE THE RECEIVER, CAUSING DAMAGE.

AMMUNITION

▲WARNING

DISCHARGING FIREARMS IN POORLY VENTILATED AREAS, CLEANING FIREARMS OR HANDLING AMMUNITION MAY RESULT IN EXPOSURE TO LEAD AND OTHER SUBSTANCES KNOWN TO CAUSE BIRTH DEFECTS, REPRODUCTIVE HARM AND OTHER SERIOUS PHYSICAL INJURY. HAVE ADEQUATE VENTILATION AT ALL TIMES. WASH HANDS THOROUGHLY AFTER EXPOSURE.

USE ONLY SHELLS OF THE CORRECT GAUGE AND LENGTH. THE GAUGE AND LENGTH OF THE CHAMBER IS INSCRIBED ON THE SIDE OF THE BARREL. DO NOT USE AMMUNITION OTHER THAN WHAT IS INSCRIBED ON THE SIDE OF THE BARREL. EXAMINE EVERY SHELL YOU PUT IN YOUR SHOTGUN. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY OR DEATH AND CAUSE DAMAGE TO YOUR SHOTGUN.

USE SHELLS OF THE CORRECT LENGTH. DO NOT USE 3" OR 3½" SHELLS IN A BARREL WITH A 2¾" OR 2½" CHAMBER, OR 3½" SHELLS IN A BARREL WITH A 3" CHAMBER. DOING SO CAN RESULT IN A BUILDUP OF DANGEROUSLY HIGH PRESSURES. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY OR DEATH AND CAUSE DAMAGE TO YOUR SHOTGUN.

DO NOT PUT A 12 OR 16 GAUGE SHELL IN A 10 GAUGE SHOTGUN. DO NOT PUT A 16 OR 20 GAUGE SHELL IN A 12 GAUGE SHOTGUN. DO NOT PUT A 28 GAUGE SHELL IN A 20 GAUGE SHOTGUN. DO NOT PUT A .410 BORE SHELL IN A 28 GAUGE SHOTGUN. NEVER PUT METALLIC CARTRIDGES OF ANY KIND IN A SHOTGUN. SPECIFICALLY, NEVER PUT CENTERFIRE RIFLE OR PISTOL CARTRIDGES IN A SHOTGUN CHAMBERED FOR .410 BORE. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY OR DEATH AND CAUSE DAMAGE TO YOUR SHOTGUN.

The most certain way to bulge or rupture a shotgun barrel is to load a smaller gauge shell into a larger gauge chamber. The smaller gauge shell will not fall completely through the barrel; its rim is caught by the front of a larger gauge chamber or at the larger gauge's choke. Your shotgun will misfire (with the chamber appearing to be empty). It is then possible to load the correct gauge shell behind the smaller gauge shell. If the shotgun is then fired, the result will be a so-called "10-16, 12-16, 12-20, 20-28 or 28-.410 burst" which can cause extensive damage to your shotgun and possible serious injury to you and others.

The barrel and action of this firearm have been made with safety margins over the pressures established by the Sporting Arms and Ammunition Manufacturers' Institute (SAAMI) for Service Cartridges. However, we assume no responsibility for incidents which occur through the use of cartridges of nonstandard dimension or those developing pressures in excess of SAAMI established standards.

Gold Light 10 models will shoot all factory lead and steel 10 gauge, 3½" field loads.

MAGAZINE CAPACITY

With the magazine three-shot adaptor (plug) removed, Gold Light 10 models will hold four 3½" shells in the magazine. With the magazine three-shot adaptor (plug) installed, Gold Light 10 models will hold two 3½" shells in the magazine.

THREE-SHOT ADAPTOR (PLUG)

▲WARNING

ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. BEFORE REMOVING OR INSTALLING THE THREE-SHOT ADAPTOR, COMPLETELY UNLOAD THE SHOTGUN. OPEN THE ACTION AND VISUALLY INSPECT THE CHAMBER, FEED MECHANISM AND MAGAZINE TO BE ABSOLUTELY CERTAIN THE FIREARM IS COMPLETELY UNLOADED. PLACE THE "SAFETY" IN THE ON SAFE POSITION. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY OR DEATH.

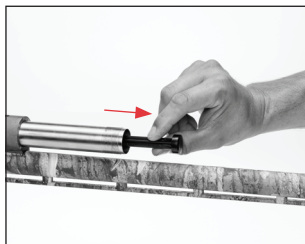
WEAR EYE PROTECTION WHEN REMOVING OR INSTALLING THE THREE-SHOT ADAPTOR TO PREVENT SPRINGS, SPRING-LOADED PARTS, SOLVENTS OR OTHER AGENTS FROM CONTACTING YOUR EYES, RESULTING IN INJURY.

The Gold Light 10 shotgun is delivered with the magazine three-shot adaptor (plug) installed in the magazine, limiting magazine capacity to two shells in compliance with federal migratory bird regulations. If you do not wish to be limited to three shots, when it is not required by law, you can remove (or reinstall) the three-shot adaptor as follows:

REMOVING THE THREE-SHOT ADAPTOR (PLUG)

- 1 Unscrew the magazine cap and remove it.
- 2 The magazine three-shot adaptor (plug) lays on top of the magazine spring retainer located in the forward end of the magazine tube and is only held in the magazine tube by the magazine cap. Simply pull the three-shot adaptor (plug) out of the magazine tube with your fingers to remove it (Figure 8). You may also hold the shotgun upside down to make it slide out.

FIGURE 8



Depress the magazine spring retainer tab and ease out the retainer.

- 3 Replace the magazine cap.

INSTALLING THE THREE-SHOT ADAPTOR (PLUG)

If you need to install the magazine three-shot adaptor (plug) to limit your shotgun magazine to two shells, perform the following operation:

- 1 Unscrew the magazine cap and remove it.
- 2 Place the three-shot adaptor (plug) into the magazine tube.
- 3 Replace the magazine cap.

LOADING

⚠️WARNING

WHEN LOADING YOUR SHOTGUN ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION, ALWAYS PLACE THE "SAFETY" IN THE ON SAFE POSITION AND KEEP YOUR FINGERS AWAY FROM THE TRIGGER. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

DO NOT CARRY YOUR SHOTGUN WITH A SHELL IN THE CHAMBER TO AVOID ACCIDENTAL DISCHARGE. WHEN FIRING IS NO LONGER IMMINENT, MAKE SURE THE "SAFETY" IS IN THE ON SAFE POSITION AND UNLOAD THE CHAMBER. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

There are two methods used to load a shell into the chamber of the Gold Light 10 shotgun: Loading through the ejection port and from the magazine.

LOADING THE MAGAZINE

- 1 Pull the bolt handle to the rear until the bolt locks in the open position. Visually inspect the chamber, feed mechanism and magazine to make sure they are unloaded and clear of any obstructions.
- 2 Close the bolt by pressing the bolt release button.
- 3 Press and hold the bolt release button while pushing on the carrier until the carrier latches in the loading position. Release the bolt

release button and the carrier will remain in the loading position. The carrier will remain in the loading position until the bolt release button is pressed again.

- 4 Insert a shell of the proper gauge through the loading port at the bottom of the receiver and up into the magazine, using your thumb to position it fully forward in the magazine tube (Figure 9). Make certain the rim of the shell engages the shell stop and is held fully inside the magazine tube. It will make an audible click when fully inserted.
- 5 If desired, continue loading the magazine to full capacity.
- 6 When you have finished loading the magazine, press the bolt release button to lower the carrier.

FIGURE 9



Position the shell fully forward in the magazine.

LOADING THE CHAMBER MANUALLY FROM THE MAGAZINE

- 1 With the bolt closed, insert a shell into the magazine following the procedure explained under “Loading the Magazine” on pages 19-20.
- 2 If desired, continue to load the magazine to full capacity.
- 3 If firing is imminent, a shell can now be moved from the magazine to the chamber by pulling back fully on the bolt handle and releasing it forward. A shell will be fed automatically from the magazine to the chamber as the bolt closes.

▲WARNING

THE SHOTGUN IS NOW READY TO FIRE BY SIMPLY MOVING THE “SAFETY” TO THE OFF SAFE POSITION AND PULLING THE TRIGGER.

- 4 Another shell can be inserted into the magazine to load to full capacity.

LOADING THE CHAMBER THROUGH THE EJECTION PORT

- 1 Pull the bolt handle to the rear until the bolt locks in the open position. Visually inspect the chamber, feed mechanism and magazine to make sure they are clear of any obstructions.
- 2 Insert a shell of the proper gauge through the ejection port into the open breech (Figure 10).
- 3 Press the bolt release button to deliver the shell into the chamber. The chamber is now loaded.

FIGURE 10



Insert a shell through the ejection port into the breech.

▲WARNING

THE SHOTGUN IS NOW READY TO FIRE BY SIMPLY MOVING THE “SAFETY” TO THE OFF SAFE POSITION AND PULLING THE TRIGGER.

▲WARNING

KEEP YOUR FINGERS CLEAR OF THE EJECTION PORT WHENEVER CLOSING THE ACTION WITH THE BOLT RELEASE BUTTON. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN INJURY.

- 4 With a shell in the chamber, you may load the magazine to full capacity as explained under “Loading the Magazine” on pages 19-20.

FIRING

▲WARNING

NEVER LOAD A SHELL INTO THE CHAMBER OR PLACE THE “SAFETY” IN THE OFF SAFE POSITION UNLESS SHOOTING IS IMMINENT. ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

- 1 Load a shell into the chamber as explained previously and immediately place the “safety” in the on safe position.
- 2 With a shell in the chamber, you need only move the “safety” to the off safe position to fire the shotgun.
- 3 When ready to fire, move the “safety” into the off safe position, take aim and squeeze the trigger.

After a shell is fired, the gas system ejects the fired shell and picks up a loaded shell from the magazine and automatically chambers it. You may continue to fire the shotgun until the magazine is empty by pulling the trigger to fire each shell. After the last shell is fired, the breech of the shotgun remains open, with the bolt locked to the rear. This allows convenient and fast reloading.

If you are done shooting, leave the bolt locked to the rear, with the breech in the open position so that you may visually inspect the chamber, bore, carrier and magazine to be sure they contain no shells.

▲WARNING

AFTER FIRING, OR WHEN SHOOTING IS NO LONGER IMMINENT, IMMEDIATELY PLACE THE “SAFETY” IN THE ON SAFE POSITION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

EVEN WITH THE BOLT LOCKED OPEN AFTER SHOOTING, DO NOT ASSUME THE SHOTGUN IS UNLOADED. ALWAYS INSPECT THE CHAMBER, BARREL, FEED MECHANISM AND MAGAZINE TO BE CERTAIN THE SHOTGUN IS COMPLETELY UNLOADED. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

UNLOADING

▲WARNING

WHEN UNLOADING YOUR SHOTGUN ALWAYS PLACE THE “SAFETY” IN THE ON SAFE POSITION. KEEP THE MUZZLE POINTED IN A SAFE DIRECTION AND YOUR FINGERS AWAY FROM THE TRIGGER. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

ALWAYS INSPECT THE CHAMBER, BARREL, FEED MECHANISM AND MAGAZINE CAREFULLY AFTER UNLOADING TO BE SURE ALL LIVE SHELLS ARE CLEARED FROM THE FIREARM.

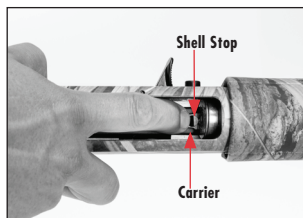
UNLOADING BY CYCLING THE ACTION

- 1 Grasp the bolt handle and cycle the action until all shells are transferred from the magazine to the chamber and ejected. Take care to prevent shells from falling to the ground.
- 2 When the last shell in the magazine has been cycled through the chamber and out the ejection port, the bolt will lock rearward. The bolt will lock rearward when cycled with an empty magazine.
- 3 Using your index finger, feel the entry of the magazine to make sure there are no shells that have not been fed from the magazine and ejected. Visually inspect the chamber, feed mechanism and magazine to ensure there are no shells remaining.

UNLOADING FROM THE MAGAZINE

- 1 Turn the shotgun over so the trigger guard is facing up, then push the carrier down with your finger as far as it will go.
- 2 Shells are retained in the magazine by the shell stop, which catches the rim of the shell base. The shell stop is located on the bottom of the bolt.
- 3 Push inward on the shell stop with your index finger (Figure 11) to release a shell from the magazine. As the shell stop is pressed in, the shell will be forced out of the magazine under spring pressure. Capture the shell as it comes out.
- 4 Press the shell stop again to release the next shell. Continue to do this until the magazine is empty. Be careful not to pinch your finger.

FIGURE 11



Push inward on the shell stop to unload the magazine.

- 5 With the “safety” in the on safe position, pull rearward on the bolt handle to eject the shell from the chamber. The bolt will lock rearward when the action is cycled with an empty magazine.
- 6 Using your index finger, feel the entry of the magazine to make sure there are no shells that have not been fed from the magazine and ejected. Visually inspect the chamber, feed mechanism and magazine to ensure there are no shells remaining.

INTERCHANGEABLE CHOKE TUBE SYSTEM

▲WARNING

NEVER ATTEMPT TO REMOVE OR INSTALL A CHOKE TUBE IN A LOADED FIREARM. WHENEVER REMOVING OR INSTALLING A CHOKE TUBE IN A SHOTGUN ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. OPEN THE ACTION AND MAKE ABSOLUTELY CERTAIN THE SHOTGUN IS COMPLETELY UNLOADED, ALWAYS PLACE THE “SAFETY” IN THE ON SAFE POSITION AND KEEP YOUR FINGERS AWAY FROM THE TRIGGER. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

▲CAUTION

BROWNING INVECTOR-DS, INVECTOR-PLUS AND STANDARD INVECTOR CHOKE TUBES ARE NOT INTERCHANGEABLE. DO NOT USE BROWNING INVECTOR-PLUS, STANDARD INVECTOR OR INVECTOR-DS CHOKE TUBES IN ANY SHOTGUN BARREL NOT SUPPLIED BY BROWNING. DO NOT USE ANY OTHER CHOKING DEVICE IN ANY SHOTGUN BARREL SUPPLIED BY BROWNING.

USE ONLY THE APPROPRIATE GAUGE OF INVECTOR CHOKE TUBE IN THIS SHOTGUN. DO NOT FIRE THIS SHOTGUN WITHOUT THE CORRECT CHOKE TUBE INSTALLED. DAMAGE MAY RESULT TO THE THREADS INSIDE THE BARREL.

FAILURE TO FOLLOW THIS INFORMATION COULD RESULT IN DAMAGE TO YOUR SHOTGUN OR POSSIBLE INJURY.

NOTICE

USE ONLY THE INVECTOR CHOKE TUBE WRENCH SUPPLIED WITH YOUR SHOTGUN TO INSTALL AND REMOVE INVECTOR CHOKE TUBES. USING ANY OTHER WRENCH MAY DAMAGE THE THREADS IN THE BARREL.

Gold Light 10 shotgun barrels are threaded to accept the Standard Invector™ choke system. Standard Invector™, Invector-Plus™ and Invector-DS™ tubes are not interchangeable. Confirm the choke system of your shotgun by looking on the right side of the barrel where the specifications are inscribed, where the choke markings are normally located. Invector choke tubes are identified in Figure 12 (flush mount tubes are shown).

The constriction of each choke tube is indicated twice on the choke tube: On the side of the tube, and indicated with a “notch” code on the top rim of the tube. The included choke tube wrench is used to remove and install choke tubes.

Some target shotguns include premium extended choke tubes. The constriction of premium choke tubes is indicated twice on the choke tube: On the side of the tube, and indicated with an abbreviation in the colored band. The constriction of flush fit choke tubes is indicated twice on the choke tube: On the side of the tube, and indicated with a “notch” code on the top rim of the tube. The included choke tube wrench is used to remove and install choke tubes.

Invector choke tubes are compatible with factory ammunition that has been loaded in compliance with SAAMI specifications, including magnum lead and steel shot loads, sabots and shotgun slug loads.

Replacement and additional tubes and wrenches are available from your Browning dealer, or by contacting the Browning Customer Service Department.

FIGURE 12



Left: Invector-DS
Center: Invector-Plus
Right: Standard Invector

FIGURE 13



RIM NOTCHES	PATTERN WITH LEAD SHOT	PATTERN WITH STEEL SHOT
X	X-FULL TURKEY	*
I	FULL	*
III	MODIFIED	FULL
IIII	IMP. CYLINDER	MODIFIED

* X-Full Turkey with knurled rim. Do not use with steel shot.
 * Do not use with steel shot. Using an over-tight choke constriction with steel shot will result in an ineffective “blown” pattern.

CHOKE TUBE SELECTION

To help you choose the correct choke tube for each hunting and shooting situation, all Browning Invector choke tubes are inscribed on the side with the patterns they produce with both lead and steel shot. Each Invector tube also has notches in the top rim of the tube (Figure 13). These notches are a code to allow you to determine the choke designation while the tube is installed. Rim notches refer specifically to lead shot. Use the chart in Figure 13 to cross-reference from lead to steel, and determine the appropriate tube for your ammunition and hunting/shooting situation.

Several choke tubes are supplied with your shotgun. The choke tubes listed are also available as accessories. Remember, Standard Invector, Invector-Plus and Invector-DS tubes are not interchangeable. Invector-Plus tubes are for Browning shotguns with back-bored barrels only. Before removing or installing tubes, or reading the rim notch code, make sure your shotgun is completely unloaded.

CHOKE TUBE REMOVAL

- 1 Place the “safety” in the on safe position. Always make sure the shotgun is completely unloaded. Always keep the muzzle pointed in a safe direction.
- 2 Use the choke tube wrench to loosen the tube, turning it counterclockwise. Finger-twist the tube the rest of the way out of the barrel.

CHOKE TUBE INSTALLATION

- 1 Place the “safety” in the on safe position. Always make sure the shotgun is completely unloaded. Always keep the muzzle pointed in a safe direction.
- 2 Before installing a tube, check the internal choke tube threads in the muzzle, as well as the threads on the choke tube to be sure they are clean. Lightly oil the threads with a high-quality, lightweight gun oil.
- 3 Using your fingers, screw the appropriate tube into the muzzle of the barrel, tapered end first, notched end outward. When it is finger-tight, use the choke tube wrench to firmly seat the tube.

NOTICE

THE CHOKE TUBE SHOULD BE PERIODICALLY CHECKED TO ENSURE THAT IT IS TIGHT AND FIRMLY SEATED. BEFORE CHECKING, FOLLOW ALL CHOKE TUBE REMOVAL AND INSTALLATION SAFETY GUIDELINES PREVIOUSLY OUTLINED.

ADJUSTING LENGTH OF PULL

The stock of Gold Light 10 shotguns can be adjusted for length of pull by adding or removing spacers to the rear of the stock, or by trimming the stock. Each spacer changes length of pull $\frac{1}{4}$ ". One spacer can be added using the screws provided. Using longer screws, a maximum of three $\frac{1}{4}$ " spacers may be added to extend length of pull up to $\frac{3}{4}$ ".

Length of pull pacers can be ordered through your Browning dealer or by calling our Customer Service Department at (800) 322-4626. If longer or shorter screws are required, commonly found No. 7 Pan Head Phillips self-tapping wood screws of the necessary length are the recommended replacement screws.

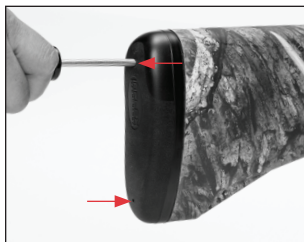
ADJUSTING LENGTH OF PULL

▲WARNING

BEFORE PERFORMING ADJUSTMENT PROCEDURES, PLACE THE "SAFETY" IN THE ON SAFE POSITION. OPEN THE ACTION AND MAKE CERTAIN YOUR SHOTGUN IS COMPLETELY UNLOADED. KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

- 1 Use a #2 cross tip or Phillips screwdriver to remove the recoil pad (Figure 14). Place a small amount of petroleum jelly on the screw access holes on the top and bottom of the rear of the buttstock to prevent damaging the recoil pad. Insert the screwdriver into each of the two access holes. Make certain the tip of the screwdriver engages the head of the screw. Turn the screw counterclockwise until the screw is completely loose from the stock. When both screws are free, remove the recoil pad.

FIGURE 14



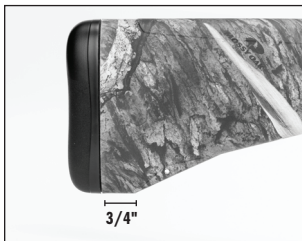
Insert a screwdriver into the holes in the recoil pad.

FIGURE 15



Install or remove stock spacers to achieve correct length of pull.

FIGURE 16



The composite stock can be trimmed a maximum of 3/4".

- 2 Remove the two round collars that fit over the mounting screws from the recoil pad. If a length of pull spacer is installed, the round collars will not be reused.
- 3 Add or subtract spacers to fit your firearm to your specifications (Figure 15). After making an adjustment hold the shotgun to your shoulder to determine if the new length feels comfortable. Remember to always keep the muzzle pointed in a safe direction, with the “safety” in the on safe position and make certain the shotgun is completely unloaded.
- 4 When you are satisfied with the length of pull, start the screws through the recoil pad and spacer(s) into the holes in the stock.
- 5 Attach the recoil pad to the stock using the screwdriver. Turn the screws clockwise to tighten. Do not overtighten the screws.

TRIMMING THE STOCK

We recommend contacting a professional gunsmith if a shorter length of pull is required. The stock can be trimmed a maximum of $\frac{3}{4}$ " (Figure 16) and the Inflex recoil pad reinstalled using shorter screws (not provided). The length of the replacement screws will be determined by the amount of material removed from the stock.

EXTRA BARRELS

BEFORE INSTALLING AN ACCESSORY BARREL ON YOUR SHOTGUN, READ THE FOLLOWING GUIDELINES TO ENSURE THE BARREL/SHOTGUN COMBINATION IS SAFE. PLACE THE "SAFETY" IN THE ON SAFE POSITION. OPEN THE ACTION AND MAKE CERTAIN YOUR SHOTGUN IS COMPLETELY UNLOADED. KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

The versatility of your new shotgun can be extended with an extra barrel. Gold Light 10 shotgun barrels are interchangeable within a given gauge. No special fitting is required. However, some important restrictions must be observed:

- Never use any other barrel from any other manufacturer on your shotgun. Some other brands may seem similar, but the barrels are not interchangeable.
- Use only barrels designed for Browning Gold Light 10, 10 gauge shotguns. Barrels for other Browning Gold shotguns are not compatible.

MOUNTING A SCOPE

▲WARNING

BEFORE MOUNTING A SCOPE, SIGHT OR OTHER ACCESSORIES TO YOUR SHOTGUN, PLACE THE "SAFETY" IN THE ON SAFE POSITION. OPEN THE ACTION AND MAKE CERTAIN YOUR SHOTGUN IS COMPLETELY UNLOADED. KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

Some Gold Light 10 shotguns are designed to accept a scope or other optical sight. If your shotgun's receiver is drilled and tapped for scope mounts, three holes (in line on top of the receiver) will be visible. The holes are fitted with filler screws. If your shotgun is drilled and tapped, adhere to the following:

NOTICE

YOUR SHOTGUN IS DRILLED AND TAPPED FOR THE MOUNTING OF BASES AND RINGS TO ACCOMMODATE AN APPROPRIATE SCOPE OR SIGHT. ALWAYS USE THE CORRECT BASES FOR THIS SHOTGUN WITH THE APPROPRIATE 8-36 THREAD SCREWS WHICH ARE AT LEAST 11/32" IN LENGTH.

- 1 Place your shotgun on a table or other safe/secure location. Protect the finish with rags or other padding.
- 2 You should have a compatible one-piece style base and three 8-36 screws of at least 11/32" in length.
- 3 Clean all oil, grease or dirt from the receiver top and from the scope base parts.
- 4 Position your shotgun in the horizontal position with the top of the receiver upward.
- 5 Remove all three filler screws from the top of the receiver using a very small, thin-bladed gunsmithing-type screwdriver.
- 6 Pre-position the base on the receiver top to determine the best orientation of the base. Most bases have transverse grooves cut into them that are offset from the middle. These are the grooves that the crossbolts in your scope rings will pass through. The grooves are offset to allow you to position the base to fit the design/length of your scope and the correct placement of the scope front to rear for proper eye relief. Place both grooves to the rear, both to the front, or one in each direction, depending on the desired position of your scope.
- 7 Once you know which configuration you will use, insert the screws through the base and screw them into the receiver top using the correct wrench or screwdriver (usually a 3/32" hex wrench).

You must use 8-36 screws which are at least 11/32" in length to ensure proper thread engagement. Once the base is installed, check inside the receiver to verify that the base mounting screws are not too long and interfering with the operation of the bolt.

Many gunsmiths find it helpful to use a drop of serviceable blue thread locking compound to ensure the screws stay tight. Make sure the thread locking compound does not get into the action.

Be careful to ensure that the threads of each screw engage properly in the threads in the receiver to prevent stripping the threads.

- 8 Tighten the screws according to the scope base manufacturer's instructions. Do not overtighten.
- 9 Mount your scope rings and scope as outlined in the instructions supplied with your scope rings and/or scope. Always make sure you have the proper eye relief. Always make sure that the saddle crossbolts and cap bolts are fully tightened before using your shotgun.

CLEANING AND MAINTENANCE SUGGESTIONS

▲WARNING

BEFORE PERFORMING CLEANING PROCEDURES, PLACE THE "SAFETY" IN THE ON SAFE POSITION. OPEN THE ACTION AND MAKE CERTAIN YOUR SHOTGUN IS COMPLETELY UNLOADED. KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

▲WARNING

WEAR EYE PROTECTION WHEN DISASSEMBLING AND CLEANING YOUR SHOTGUN TO PREVENT SPRINGS, SPRING-LOADED PARTS, SOLVENTS OR OTHER AGENTS FROM CONTACTING YOUR EYES, RESULTING IN INJURY.

▲WARNING

KEEP ALL AMMUNITION AWAY FROM THE CLEANING AREA. NEVER TEST THE MECHANICAL FUNCTION OF YOUR SHOTGUN WITH LIVE AMMUNITION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

NOTICE

SOME CLEANING SOLVENTS, LUBRICANTS AND OTHER STRONG CHEMICALS SUCH AS THOSE FOUND IN INSECT REPELLENTS, SUNSCREENS, ETC. MAY DAMAGE THE FINISHES OF YOUR FIREARM. USE CARE TO PREVENT CHEMICALS FROM MAKING CONTACT WITH FINISHES WHEN CLEANING YOUR FIREARM.

CLEANING THE BARREL

Your Gold Light 10 shotgun will function better and more reliably over a longer period of time if it is properly maintained and kept clean. You should clean your shotgun after every day of shooting, and more often if it becomes excessively dirty. The barrel should be cleaned and the action wiped clean and oiled after every day of shooting. The gas system should require only occasional cleaning.

Normal maintenance can be accomplished with the barrel still attached to the receiver (oiling and wiping down). More careful cleaning requires removal of the barrel from the receiver (cleaning the barrel) and the removal of the gas system components. A complete cleaning requires removal of the bolt and trigger group.

If a malfunction occurs, perform a thorough cleaning to see if it solves the problem before seeking the services of a Browning Recommended Service Center, the Browning Service Facility in Arnold, Missouri, or a qualified gunsmith.

- 1 Place the “safety” in the on safe position. Open the action and inspect the chamber and magazine to make certain they do not contain any shells. Keep the muzzle pointed in a safe direction.
- 2 Remove the forearm and barrel as explained under “Disassembly” on pages 15-16.
- 3 Using a shotgun cleaning rod with tip and patch large enough for a snug fit in the bore, insert the rod and a lightly oiled patch in the breech end of the barrel and run back and forth through the bore several times. Remove and wipe the choke tube, threads and barrel threads with a nylon brush and lightly oil.

Browning offers a complete line of products to make cleaning your firearm fast and easy. Be sure to follow the manufacturers' instructions when using any product to clean your firearm.

- 4 Inspect the bore from both ends for leading and plastic residue that often remain in the bores from the shot cups in modern shells. Leading and plastic residue will appear as longitudinal streaks and are usually more predominant near the muzzle and just forward of the chamber. A normal amount of either is common and not serious.
- 5 If leading or plastic residue seems excessive you can remove it by brushing the bore with a brass brush. Soak the brush or spray the bore with a powder solvent first. Scrub until clean. To prevent bristles from breaking off, push the brush fully through the barrel each time before pulling it back through.

▲WARNING

MOST SOLVENTS ARE HIGHLY FLAMMABLE. WEAR EYE PROTECTION AND PRACTICE APPROPRIATE SAFETY MEASURES WHEN WORKING WITH SOLVENTS TO AVOID SERIOUS INJURY.

- 6 After all leading and plastic residues have been removed, run a clean, dry patch through the bore. Follow this with a final, lightly oiled patch.
- 7 Reassemble the shotgun and wipe all exposed metal surfaces with an oiled cloth making sure to wipe away all finger marks where moisture could accumulate.
- 8 Inspect the barrel and chamber to be certain no patches have inadvertently been left in them. Remove any that remain.
- 9 Lightly oil your firearm at the points described under "Periodic Oiling" on page 36. Regular, light oiling is extremely important to the durability and reliable operation of your shotgun.
- 10 The wood surfaces can also be wiped with a quality, lightweight gun oil or they can be polished with any quality furniture wax (but not both).

CLEANING THE GAS SYSTEM

- 1 Remove the gas bracket seal and piston tube from the magazine tube.
- 2 Spray the magazine tube and piston tube assembly with gun solvent and brush them thoroughly with a nylon brush to remove any deposits. A green Scotch-Brite® kitchen scrub pad works best for removal of heavy carbon fouling on the magazine tube and inside the piston tube.

NOTICE

NEVER USE A STEEL BRUSH ON ANY OF THE GAS COMPONENTS.

Should heavy fouling build up on the piston tube, it may be necessary to periodically remove the rings from the piston tube as fouling under the rings can cause your shotgun to fail to feed or eject shells. The rings, located on the front of the piston tube, are easily removed by placing a screwdriver in the slot of the ring and gently prying the ring from the groove in the piston tube. With both rings removed you may now clean the grooves in the piston tube and the rings with gun solvent, cleaning thoroughly with a nylon brush or a green Scotch-Brite® kitchen scrub pad to remove any deposits.

To reinstall the rings on the piston tube, care must be taken to ensure that the bevel on one side of each ring corresponds to the bevel at each end of the groove on the piston. Carefully install the rings, one at a time, over the piston tube until the rings are back in the grooves in the piston tube. Take care not to excessively spread or deform the rings when reinstalling them.

- 3 Remove the piston tube push rod spring from the piston rod. Wipe the piston tube push rod clean with a powder solvent. Do the same to the gas bracket seal. When replacing the piston push rod spring make sure the double coil end goes on first.
- 4 Complete the cleaning of the gas system by applying a very light film of oil to all parts for protection and lubrication.

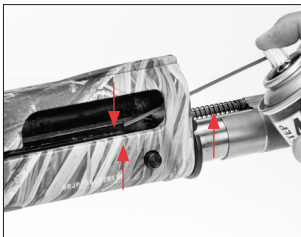
PERIODIC OILING

The metal parts of a firearm should receive a light film of oil after the firearm has been exposed to weather or handling.

Occasionally, a drop of lightweight gun oil may be placed inside the receiver on the rails on which the bolt slides (Figure 17), and on the surface of the magazine tube, where the gas piston slides. This reduces friction for smooth operation.

If the firearm has been exposed to excessive dust, dirt, mud or water, the principal working parts including the gas system, should be wiped clean and lubricated with a light film of quality, lightweight gun oil.

FIGURE 17



Lightly lubricate the bolt guide rails inside the receiver and the piston rod with a lightweight gun oil.

NOTICE

DO NOT PLACE LARGE QUANTITIES OF OIL INTO THE ACTION. EXCESS OIL WILL RUN BACK INTO THE WOOD OF THE STOCK SOFTENING THE WOOD, WITH CONSEQUENTIAL LOOSENING OF THE STOCK.

SERVICING THE TRIGGER GROUP

▲WARNING

BEFORE REMOVING THE TRIGGER GROUP, PLACE THE "SAFETY" IN THE ON SAFE POSITION. OPEN THE ACTION AND MAKE CERTAIN YOUR SHOTGUN IS COMPLETELY UNLOADED. KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

▲WARNING

WEAR EYE PROTECTION WHEN DISASSEMBLING AND CLEANING YOUR SHOTGUN TO PREVENT SPRINGS, SPRING-LOADED PARTS, SOLVENTS OR OTHER AGENTS FROM CONTACTING YOUR EYES, RESULTING IN INJURY.

▲WARNING

KEEP ALL AMMUNITION AWAY FROM THE CLEANING AREA. NEVER TEST THE MECHANICAL FUNCTION OF YOUR SHOTGUN WITH LIVE AMMUNITION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

The trigger group and bolt assembly can be removed if the action becomes excessively dirty or wet. If this occurs, disassemble the action for a complete cleaning as explained in the following sections. The trigger group and bolt assembly of your shotgun are designed to be removed in the field, without special tools.

Disassembly of the action involves the removal of the bolt assembly and the trigger group. Disassembly beyond this point should only be performed by a qualified gunsmith.

REMOVING THE TRIGGER GROUP

- 1 Place the bolt in the forward position by holding the bolt handle, depressing the bolt release button and slowly allowing the bolt handle forward.

NOTICE

NEVER ALLOW THE ACTION TO SLAM CLOSED BY PRESSING THE BOLT RELEASE BUTTON WITHOUT THE BARREL INSTALLED. IF THE BOLT IS RELEASED FORWARD WITH THE BARREL REMOVED, THE BOLT HANDLE WILL STRIKE THE RECEIVER AND CAUSE DAMAGE.

- 2 Use a punch or similar object to push inward on the trigger group pin at the rear of the receiver, from the right side (ejection port side) to the left side, taking care not to scratch the receiver (Figure 18, page 38). Push the trigger group pin through the receiver and pull it from the opposite side to remove it.
- 3 Grasp the trigger guard and pull it up and out of the receiver (Figure 19, page 38).

FIGURE 18



Push the trigger group pin through the receiver.

FIGURE 19



Lift the trigger group from the receiver.

- 4 Perform any cleaning of the parts and receiver cavity as necessary. We suggest cleaning the trigger group with a quality aerosol gun solvent. Allow it to dry and then very lightly oil the moving parts.

NOTICE

DO NOT DISASSEMBLE THE TRIGGER GROUP BEYOND THIS POINT.

REINSTALLATION OF THE TRIGGER GROUP

- 1 Place the bolt in the forward position by holding the bolt handle, depressing the bolt release button and slowly allowing the bolt handle forward.
- 2 Insert the front of the trigger group back into the receiver so that the lugs on each side of the front of the trigger group fit into the rails in the receiver.
- 3 Lower the trigger group until the hole in the trigger group lines up with the holes on each side of the receiver. Reinsert the trigger group pin and gently tap it into place with a plastic or wooden mallet, using caution not to scratch the receiver.

SERVICING THE BOLT ASSEMBLY

▲WARNING

BEFORE REMOVING THE BOLT ASSEMBLY, PLACE THE “SAFETY” IN THE ON SAFE POSITION. OPEN THE ACTION AND MAKE CERTAIN YOUR SHOTGUN IS COMPLETELY UNLOADED. KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

▲WARNING

WEAR EYE PROTECTION WHEN DISASSEMBLING AND CLEANING YOUR SHOTGUN TO PREVENT SPRINGS, SPRING-LOADED PARTS, SOLVENTS OR OTHER AGENTS FROM CONTACTING YOUR EYES, RESULTING IN INJURY.

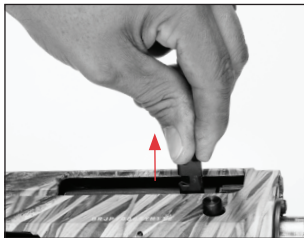
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REMOVING THE BOLT ASSEMBLY

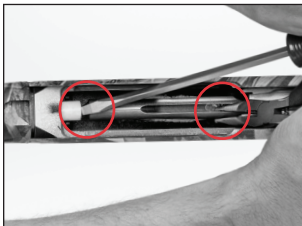
- 1 Remove the trigger group, barrel and piston tube assembly as explained previously. Remove the bolt handle by pulling outward (Figure 20).
- 2 With the gun inverted (trigger guard up), locate where the bolt slide link enters the recoil spring follower. Extract the bolt slide link from the recoil spring follower with a blade-type screwdriver, while at the same time holding the bolt slide link forward with long-nose pliers (Figure 21, page 40). The bolt slide link can then easily be

FIGURE 20



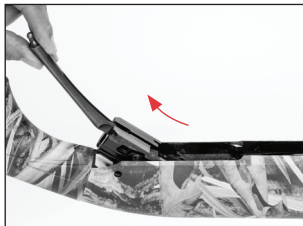
Remove the bolt handle by pulling it outward.

FIGURE 21



Depress the recoil spring follower with a screwdriver and lift out the bolt slide link.

FIGURE 22



Lift the bolt assembly from the receiver.

pulled out of the recoil spring follower. Using the bolt slide link as a handle, remove the slide assembly by pulling it back and upwards out of the receiver (Figure 22).

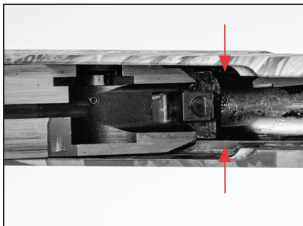
NOTICE

DO NOT DISASSEMBLE THE BOLT ASSEMBLY BEYOND THIS POINT.

REINSTALLING THE BOLT ASSEMBLY

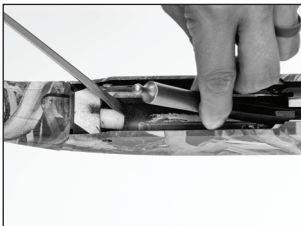
- 1 With the gun inverted, place the bolt assembly in the receiver with the rear of the bolt touching the recoil spring follower.
- 2 Hold the slide assembly in an inclined position (Figure 23, page 41) and insert the assembly so that it rests on the shelf on the inside of the receiver.
- 3 With a blade-type screwdriver, push back on the recoil spring follower so that the rear of the slide assembly clears the recoil spring follower. Lower the rear end of the slide assembly (Figure 24, page 41).
- 4 Move the bolt head slightly forward until the slide assembly will go down at the rear end.

FIGURE 23



Insert the bolt so it rests on the shelf inside the receiver.

FIGURE 24



Depress the recoil spring follower with a screwdriver and replace the bolt slide link.

- 5 Push the bolt and slide assembly fully forward into the locked position. While holding the rear of the link with long nose pliers, push back on the recoil spring follower until the link can be engaged.
- 6 Insert the bolt handle into its respective slot on the bolt. Make sure it snaps firmly into place
- 7 Open and close the action several times to make sure the bolt slide link and recoil spring follower are properly engaged.

NOTICE

NEVER ALLOW THE ACTION TO SLAM CLOSED BY PRESSING THE BOLT RELEASE BUTTON WITHOUT HAVING THE BARREL INSTALLED. DAMAGE WILL RESULT TO THE RECEIVER AND BOLT HANDLE.

CLEANING THE ACTION

- 1 When the action becomes excessively dirty, remove the trigger group and bolt assemblies from the receiver as explained under “Servicing the Trigger Group” (pages 36-38) and “Servicing the Bolt Assembly” (pages 39-41). Clean with a gun solvent as necessary, using a nylon brush to loosen any caked-on grime.

Wipe the receiver cavity clean. Lightly oil the cavity and wipe it dry. No further disassembly is required for cleaning.

- 2 Reassemble the trigger group, bolt assembly, gas system and the barrel to the receiver as explained previously. Then wipe all exposed metal surfaces with an oiled cloth, making sure to wipe clean all finger marks where moisture could accumulate.
- 3 The barrel and action should be inspected thoroughly to be certain no cleaning patches have been inadvertently left in them.

LUBRICATING THE ACTION TUBE AND SPRING

▲WARNING

BEFORE LUBRICATING THE ACTION TUBE AND SPRING, PLACE THE "SAFETY" IN THE ON SAFE POSITION. OPEN THE ACTION AND MAKE CERTAIN YOUR SHOTGUN IS COMPLETELY UNLOADED. KEEP THE MUZZLE POINTED IN A SAFE DIRECTION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

▲WARNING

WEAR EYE PROTECTION WHEN DISASSEMBLING AND LUBRICATING YOUR SHOTGUN TO PREVENT SPRINGS, SPRING-LOADED PARTS, SOLVENTS OR OTHER AGENTS FROM CONTACTING YOUR EYES, RESULTING IN INJURY.

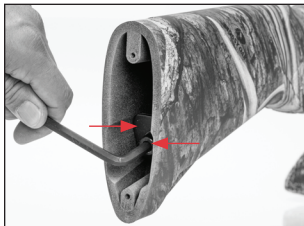
▲WARNING

KEEP ALL AMMUNITION AWAY FROM THE CLEANING AREA. NEVER TEST THE MECHANICAL FUNCTION OF YOUR SHOTGUN WITH LIVE AMMUNITION. FAILURE TO FOLLOW THESE WARNINGS COULD RESULT IN SERIOUS INJURY OR DEATH.

If you frequently use your shotgun in inclement weather conditions, oiling the action tube and spring will aid in maintaining the performance and reliability of your firearm.

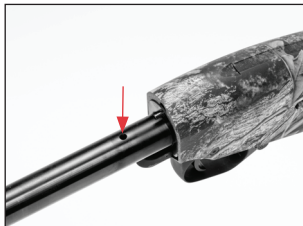
- 1 Remove the recoil pad using a #2 cross tip or Phillips screwdriver as explained on pages 28-29 under "Adjusting Length of Pull."
- 2 Using a 6mm hex wrench, remove the stock fixing bolt by turning it counterclockwise (Figure 26). Remove the stock bolt plate, and note its orientation with the wider side facing up.

FIGURE 26



Remove the stock fixing bolt and stock bolt plate.

FIGURE 27



Place a few drops of lightweight gun oil in the holes in the action tube.

- 3 Remove the buttstock by sliding it rearward, off the action tube.
- 4 Place a few drops of high-quality lightweight gun oil in the holes in the front of the action tube (Figure 27).

▲WARNING

DO NOT ATTEMPT TO REMOVE THE ACTION SPRING FROM THE ACTION TUBE. THE ACTION TUBE IS EASILY DAMAGED AND THE ACTION SPRING IS UNDER SPRING TENSION. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY OR DAMAGE YOUR SHOTGUN.

- 5 Hold the shotgun with the muzzle down. Rotate the shotgun and cycle the action using the bolt handle to operate the action several times to evenly disperse the oil on the spring and inside the action tube.

NOTICE

DO NOT USE EXCESSIVE LUBRICANT. USING TOO MUCH LUBRICANT CAN INTERFERE WITH THE FUNCTIONING OF YOUR SHOTGUN. DO NOT SPRAY SOLVENT INSIDE THE ACTION TUBE.

- 6 Carefully rest the shotgun vertically on a rag with the action tube down to allow any excess oil to drain out of the action tube. Wipe away excess oil.

- 7 Lightly lubricate the external surface of the action tube.
- 8 Replace the stock bolt plate with the wider surface up and attach the buttstock to the receiver with the hex bolt, do not overtighten.
- 9 Reinstall the recoil pad with care, so as not to scratch or mar the finish of the stock. Do not overtighten the screws. Wipe away any excess petroleum jelly from the recoil pad.

NOTICE

NEVER ATTEMPT TO TAKE YOUR FIREARM APART FURTHER THAN EXPLAINED IN THIS OWNER'S MANUAL. YOUR FIREARM IS A SPECIALIZED, FINELY FITTED MECHANISM. YOU MAY PERMANENTLY DAMAGE IT BY ATTEMPTING TO DISASSEMBLE THE INNER MECHANISM ASSEMBLIES. IF FURTHER DISASSEMBLY FOR SERVICE OR CLEANING IS REQUIRED, TAKE YOUR FIREARM TO A QUALIFIED GUNSMITH, OR CONTACT OUR ARNOLD, MISSOURI SERVICE FACILITY AS EXPLAINED UNDER "SERVICE OR REPAIR" ON PAGE 45.

SERVICE OR REPAIR

If your firearm should require service or repairs, we suggest you first contact a local recommended Browning Firearms Service Center. To locate a service center visit browning.com, contact our Customer Service Department or your Browning firearms dealer for the address of the Service Center nearest you. Otherwise, you may send your firearm directly to our Service Department in Arnold, Missouri.

Parts listings, Firearm Service Center lists, service procedures, service/repair form and general product information are also found on the internet at browning.com. For technical questions about your firearm or service, contact:

United States customers contact:
Browning Firearm Status and
Technical Service
3005 Arnold Tenbrook Rd
Arnold, MO 63010-9406
Phone: (800) 322-4626

Canadian customers contact:
Browning Canada Sports Ltd/Ltée
5583 Chemin St-François
St-Laurent, Quebec H4S 1W6
Phone: (514) 333-7261

When returning your firearm for servicing, you must do the following:

- 1 Be sure it is completely unloaded.
- 2 Remove any optics, optic mounts or other accessories.
- 3 Package it securely in a cardboard container.
- 4 Enclose the service/repair form available at browning.com or a letter that clearly describes the trouble experienced, the ammunition used and the repairs desired. Also include your name, e-mail address (if possible) and a daytime phone number where you can be reached.
- 5 Never return ammunition with your firearm. It is against postal and most commerce regulations. Notes

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A02009/20281