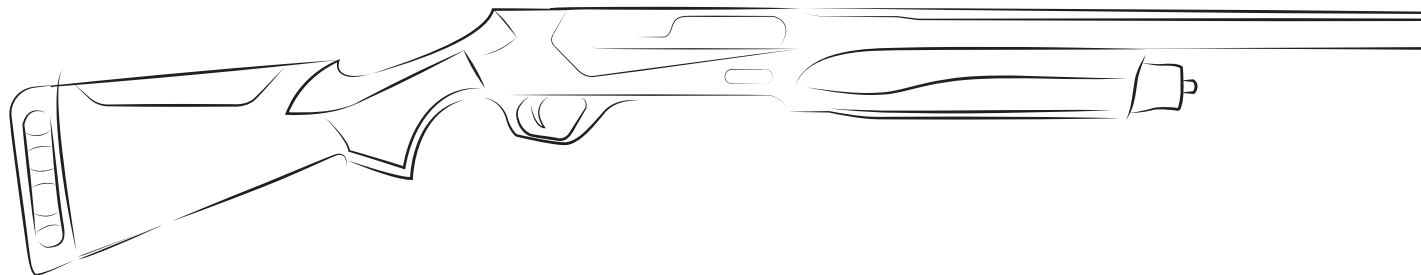


M A N U A L

AIR CONTROL EXTREME



RETAY

RETAY

AIR CONTROL EXTREME Line

Use • Maintenance • Spare Parts



WARNING

This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

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IMPORTANT SAFETY NOTICE

This manual contains important safety, operating, care, and maintenance instructions. To ensure safe operation of the firearm any user of this firearm must read and understand this manual before use. Failure to follow the instructions and heed the warnings in this manual may result in property damage, personal injury, and/or death. This manual should always accompany this firearm and be transferred with it upon change in ownership.



FIREARM SAFETY RULES

1.ALWAYS KEEP THE MUZZLE POINTED IN A SAFE DIRECTION.

This is the most important rule of firearm safety. A safe direction is one in which an accidental discharge will not cause injury to yourself or others. Do not point your firearm at anything you don't intend to shoot. Pay particular attention to your muzzle when loading and unloading. Treat every firearm as if it were loaded. If you keep your firearm pointed in a safe direction no one will be injured by an accidental discharge.

2. FIREARMS SHOULD BE UNLOADED WHEN NOT ACTUALLY IN USE.

Load your firearm only when you're in the field or on the range and ready to fire. Never allow a loaded firearm out of your sight or your hands. As soon as you are finished shooting unload your firearm; do not wait until you carry it to your car, camp, or home. "Unloaded" means there is no ammunition in the chamber or the

magazine. Keep the firearm's action open when not in use. Never assume a firearm is unloaded; always check for yourself even if you were the last person to use it. Before handling the firearm or handing to someone else visually inspect the chamber, receiver, and magazine to be certain it is unloaded. These rules should be followed even if the firearm is equipped with an internal or external security measure (e.g., cable lock, trigger guard, etc.).

Safe storage is as important as safe handling; do not store your firearms loaded. Store ammunition securely and separate from your firearms. Keep your firearms stored and secured in a safe location where unauthorized persons cannot access them without your knowledge and permission. **It is especially important to secure your firearms in such manner and location that children do not gain access to them.**

3.DO NOT RELY ON THE FIREARM'S SAFETY.

Treat every firearm as if it can fire at any time where or not there is pressure on the trigger. Although very unlikely, because a firearm's safety is a mechanical device it can fail. The more likely reason a firearm's safety can fail is human error. You may think the safety is on when it is not or improper handling of the firearm may result in accidentally disengaging the safety. You may not think or recognize there is ammunition in the firearm. The safety is a backup to proper firearm handling and operation; it is not a substitute for common sense and awareness on behalf of the user.

Do not touch the trigger until you are ready to shoot and keep your fingers away from the trigger when loading and unloading. Do not pull the trigger when the safety is engaged or is located in between safe and fire.

5. USE THE PROPER AMMUNITION FOR YOUR FIREARM.

Using a single round of improper or incorrect ammunition can destroy a firearm and cause serious personal injury. It is your responsibility to make sure the ammunition you use is a match for the caliber or gauge of your firearm and is in proper working order. Always follow instructions on ammunition boxes.

Only use ammunition loaded by an ammunition manufacturer. **Never use ammunition which is damaged, corroded, or otherwise defective, or ammunition which is dirty, wet, dented, deformed or in which the bullet has been pushed back into the cartridge case. Never use foreign military surplus ammunition, or other ammunition of questionable quality, age or origin.** Handloaded or reloaded ammunition that deviates from manufacturer specifications can be extremely dangerous and result in numerous firearm malfunctions or complete destruction of the firearm. The use of reloaded, "remanufactured" or handloaded ammunition, unjacketed lead ammunition or any ammunition which is not to the appropriate SAAMI or NATO standards, will **VOID THE WARRANTY** and may be unsafe, possibly causing damage to the firearm, serious personal injury or death.

4.BE SURE OF YOUR TARGET AND WHAT IS BEYOND IT.

Do not fire unless you know exactly where your shot is going and what it will strike. Be sure your bullet will not injure anyone or anything beyond your target. Do not fire at noises, movements, or patches of color. Be sure your shot has a backstop such as a hillside or dense material. Know how far your shot will travel if you miss your target or the bullet ricochets.

6.IF YOUR FIREARM FAILS TO FIRE WHEN THE TRIGGER IS PULLED, HANDLE WITH EXTREME CAUTION.

If the ammunition does not fire when you pull the trigger, stop and recall the first rule; always keep the muzzle pointed in a safe direction. With the muzzle pointed in a safe direction wait at least 30 seconds – to ensure the ammunition is not delayed in firing – before engaging the safety, carefully opening the action while keeping your face away from the breech, unloading the firearm, and disposing of the failing round safely. Even though the cartridge may not have fired, continue to treat your firearm as if it can discharge.

7.ALWAYS WEAR EYE AND EAR PROTECTION WHEN SHOOTING.

Exposure to the noise from firearm use can permanently damage hearing and flying debris, such as powder residue and ejected cartridge cases, can injure your eyes. To avoid injury, you should wear both eye protection (such as shooting glasses) and ear protection (such as sound-deafening headsets) when using your firearm. You should also wear eye protection when disassembling and cleaning your firearm to ensure that cleaning solvents and parts under tension do not come into contact with your eyes.

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. Before you load your firearm, check the chamber and magazine to ascertain that no ammunition is inside. Also, check the inside of the bore to ensure it is free of obstructions. 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 is 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, release the magazine, clear the firearm's chamber, engage the firearm's safety, and check to make sure that there is no obstruction in the barrel.

10. LEARN THE MECHANICS AND HANDLING CHARACTERISTICS OF THE FIREARM.

This manual should be read prior to usage of the firearm. Not all firearms are the same and as such the method of handling the firearms will vary with the mechanical characteristics of the firearm. Anyone who plans to use a firearm should first become completely familiar with the type of firearm and the safe handling procedures for loading, unloading, carrying, shooting, and storage.

9. DO NOT ALTER OR MODIFY YOUR FIREARM AND HAVE IT REGULARLY SERVICED.

Your firearm has been designed to operate according to certain factory specifications. **Modification of the mechanical components of your firearm will void your warranty.** Additionally, modification may jeopardize the safety of yourself and others.

As a mechanical device your firearm is subject to wear and must be maintained and periodically serviced to ensure optimum performance and safety. Only a qualified service provider should service, repair, or modify your firearm. Contact Retay to arrange for servicing of your firearm by Retay or one of its authorized repair centers.

Proper cleaning and lubrication are important to ensure firearm reliability, accuracy, and safety. Before cleaning always make sure the firearm is unloaded checking both the chamber and magazine. Make it a practice to clean your firearm after every use. Additionally, you should clean the barrel from the chamber end to muzzle prior to usage. If your firearm has been stored for a long time without use be sure to clean and lubricate the firearm. Cleaning is also important following exposure to conditions such as rain, dirt, mud, snow, sleet, or saltwater. Do not overlubricate your firearm.

11. DO NOT UNDER ANY CIRCUMSTANCES OPERATE THIS FIREARM WHILE UNDER THE INFLUENCE OF ALCOHOL OR DRUGS.

Do not handle firearms after consumption of alcohol or taking drugs that can affect your mental or physical state as you cannot handle a firearm safely while under the influence. If you are taking prescription medication seek your doctor's advice to be sure that you are able to handle and shoot a firearm safely.

12.WARNING; LEAD EXPOSURE.

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, cancer and other serious injury. Have adequate ventilation at all times when shooting. Wash hands thoroughly after exposure.

Most ammunition and cartridge primers contain lead, which is a toxic(poisonous) substance! With most types of ammunition, shooting a firearm produces vapor and particles of lead, which is a toxic (poisonous) substance. Especially (but not only) in poorly ventilated range areas, breathing air which contains the lead vapor and particles is harmful to one's health, and can result in lead poisoning. Pregnant women, unborn fetuses, nursing mothers, infants and young children are especially susceptible to the risks of lead ingestion. Handling, firing and cleaning firearms, and handling ammunition, empty cartridge cases, target frames and other range equipment can deposit lead on one's hands and face, which can then be ingested (swallowed) if one drinks, eats or chews gum or tobacco products without first washing the hands and face. Lead poisoning can result in brain damage, nervous system disorders, digestive ailments, birth defects, and other serious physical effects or death. Shoot only in well ventilated areas. Minimize the period of time you remain on indoor shooting ranges, leaving when you are done firing. Do not eat, drink, chew, smoke, or engage in any other hand-to-mouth activity while shooting. Wash the hands and face thoroughly with soap and cool water as soon as you are finished shooting, and before eating or drinking. Do not collect fired brass in your hat, or put fired brass in your pockets. When you return from shooting, especially on an indoor range, change and wash your clothing. Do not allow children to handle or play with fired cases, shooting equipment, range bags, or shooting clothing. Consider using rubber gloves when cleaning firearms, to prevent lead and solvent from being absorbed into your skin. Wash thoroughly with soap and cool water after cleaning firearms. Take proper precautions if you reload ammunition or cast lead bullets. If you notice any symptoms or believe you may have been exposed to excessive amounts of lead, consult your physician.

13.RECEIVE INSTRUCTION IN FIREARM USAGE.

No manual can provide you with the benefits of firearms instruction by a properly qualified individual. If you are not an experienced firearms user you should obtain training in the safe and proper use of firearms by attending one of the many safety and shooting courses offered by the National Rifle Association, gun clubs and ranges, gun shops, shooting schools, or other qualified source of instruction.

14.BE MINDFUL OF SQUIB CARTRIDGES

WARNING! If you experience a weak report (weak gunshot sound) or light recoil upon firing, you may have fired a "squib" (underpowered) cartridge, which may have left a bullet or wad lodged in the barrel. STOP FIRING IMMEDIATELY. Engage the safety button by moving it to "Safe". "Clear" (unload) the firearm, leaving the safety button on "Safe", the firearms unloaded and cartridge drop lever pressed. Then field strip the firearm and look through the bore from the rear to be sure it is unobstructed. If the bore is unobstructed, you may reassemble and load the firearm and continue firing. If there is an obstruction in the bore, the firearm should be taken to a qualified gunsmith or certified armorer, or returned to the factory, for the obstruction to be removed and the barrel to be inspected for damage before continuing to use the firearm. NEVER attempt to "shoot out" an obstruction by firing another cartridge, even a cartridge from which the bullet has been removed, in the firearm. Damage to the firearm, serious injury or death could be the result!

Introduction

Retay Arms is proud to introduce the line of semi-automatic shotguns, a result of painstaking work at Retay's Research and Development Center and of Retay's extensive experience in precision engineering and technical know-how.

The small number of components, an extremely simple operating principle, the innovativeness of the turning block bolt locking system, removable trigger system, monobloc barrel, removable ejector and the new comfortable design with quality materials, make the Retay shotguns highly reliable and practical, easy to strip and upkeep to the extent that the shotguns can be considered the most modern, accurate, safe, fast and elegant shotguns available today.

Warranty

Warranty terms are given in the warranty certificate. Retay Arms will not be held responsible for consequential damage derived from the use of improper ammunition, lack of maintenance, or from accidents resulting from misuse of the arm.

WARNING: The use of non-Retay originals parts on the arm voids the warranty.

NOTICE

- 1- Owner and user must know and obey all local laws related with ownership and use of firearms.
- 2- Never fire a firearm while close to your head and your body.
- 3- The manufacturer reserves the right to change and develop the firearm without any notice to consumers.
- 4- Always use high quality ammunition powerful enough to cycle the action.

Assembly from packaged gun

Components of the package (fig. 1):

- a) stock-receiver-bolt-fore-end unit
- b) barrel-breech unit
- c) cocking lever

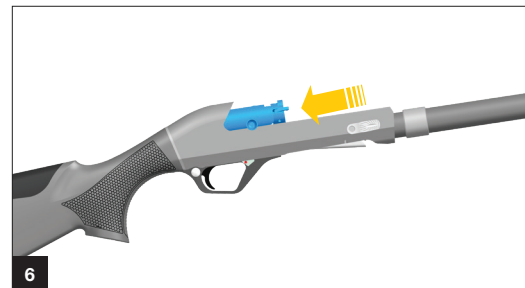
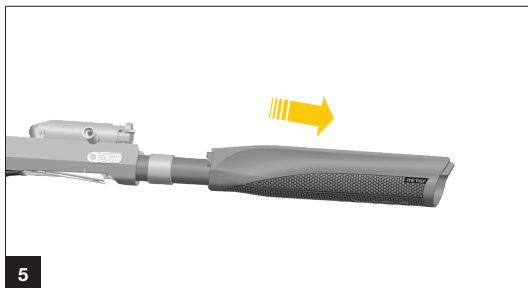
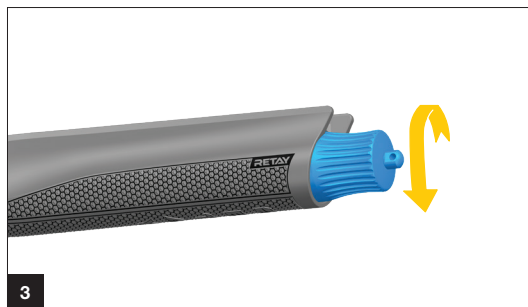
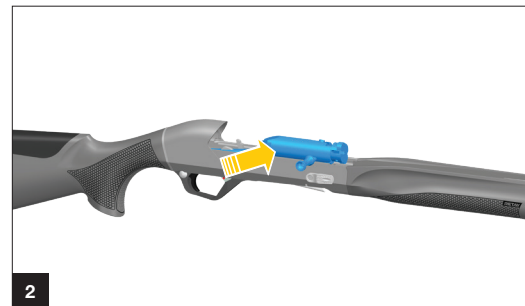
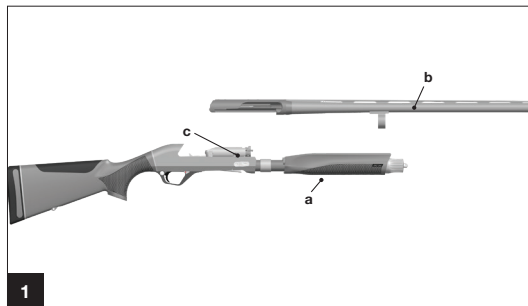
Assembly procedure

1) Insert completely the cocking lever into the breech bolt unit (fig. 2).

2) Unscrew the fore-end cap (figs. 3-4).

3) Remove the fore-end by sliding it forward along the magazine tube (fig. 5).

4) Take the stock-receiver-bolt unit with a hand; with the other hand, using the cocking lever, bring the bolt into open position (until locked) (fig. 6).



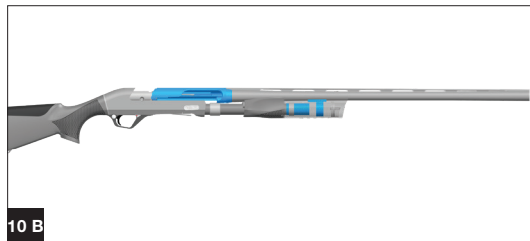
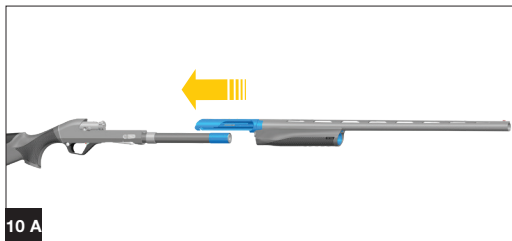
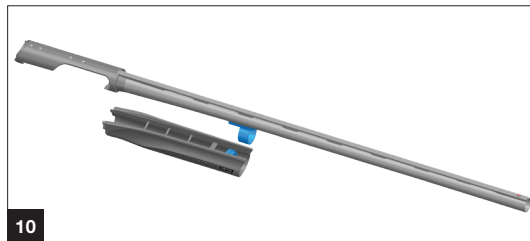
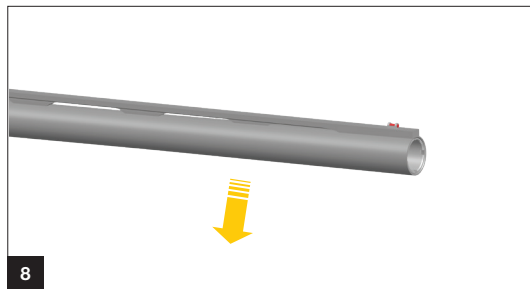
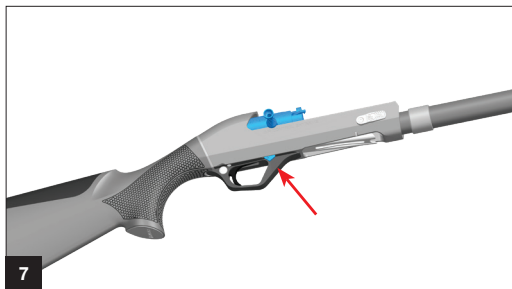
WARNING: Should the bolt fail to engage, move the cartridge drop lever as arrowed and repeat the operation (fig.7).

WARNING: please remember to remove the plastic barrel sheath before using the firearm (fig. 8).

During this operation the bolt group should be completely assembled and placed in the receiver, in open position (backward).

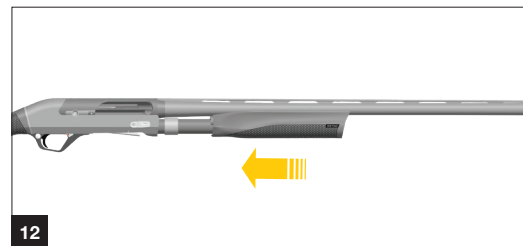
5) While holding the shotgun with your hand (fig.9), take the breech-barrel-fore-end assembly with the other hand.

6) Slide the breech extension into the receiver making sure that the barrel ring slides on the magazine tube (fig.10, 10a, 10b)



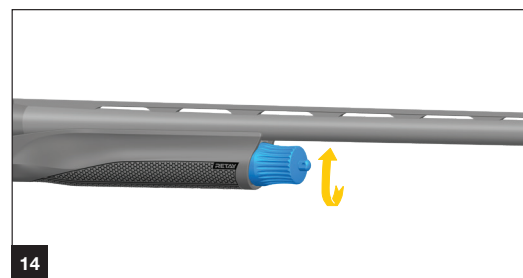
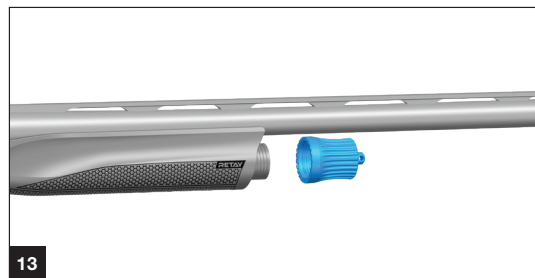
7) Push the barrel-breech-fore-end assembly all the way in (fig. 11) until it clicks into place and is firmly seated.

NOTE: make sure that the breech extension does not collide against the bolt locking head but rather that it fits between the cover and the locking head.

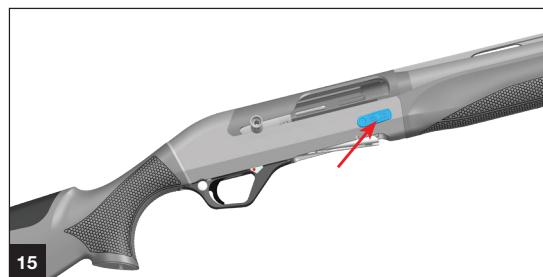


8) Slide the fore-end along the magazine tube (fig. 12) (Only synthetic fore-end)

9) Screw the fore-end cap on the magazine tube end, then tighten them firmly until the barrel and the fore-end are perfectly locked to the receiver (figs. 13-14).



10) Close the bolt by pressing the special carrier control button (fig. 15).



Gun safety catch

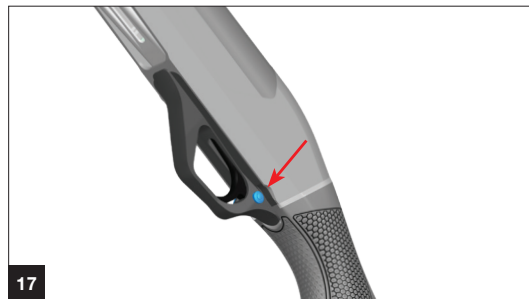
To engage the firearm's safety, press the safety button on the trigger guard until its red ring, indicating firing position, is no longer visible (figs. 16-17).

Loading

Before starting any operation on your shotgun, make sure that the chamber and the magazine are unloaded! (Carefully read the instructions on gun loading and unloading).

NOTE: make sure that your firearm is loaded with the number of cartridges permitted by legislation in the jurisdiction where you intend to use it. The magazine holds 1, 2, or 3 cartridges.

Total firing capacity is 2, 3, or 4 rounds, when including a round in the chamber.



Loading procedure

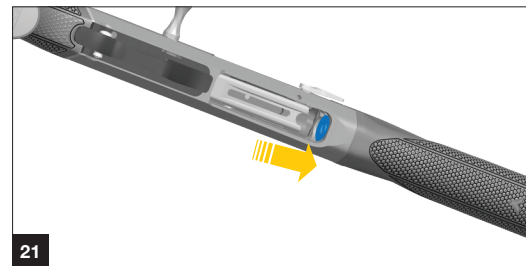
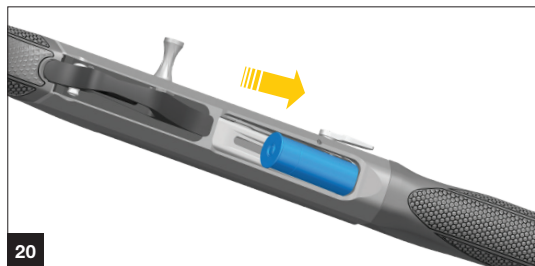
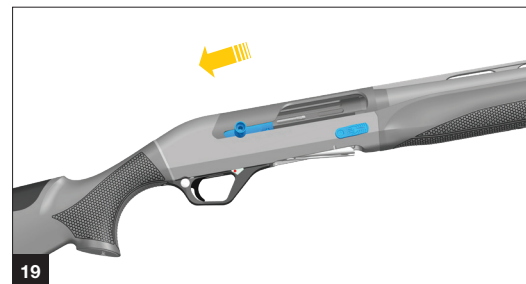
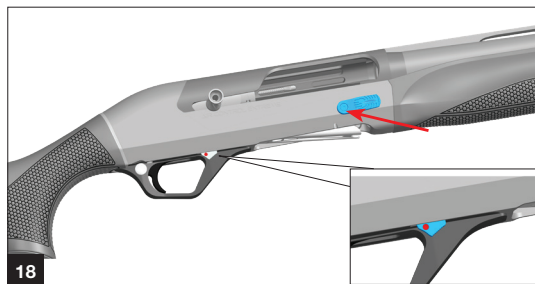
NOTE: make sure that the shotgun safety catch (see Gun safety catch) is engaged and the hammer cocked (so that the carrier latch can retain the cartridges as they are inserted in the magazine).

WARNING: for safety reasons, check by opening the bolt the shotgun is unloaded. Then close the bolt again.

1) The red dot on the cartridge drop lever (indicating that the hammer is cocked) (fig. 18) must be clearly visible. To bring lever to this position, press the carrier button and open the bolt by hand, then bring it to close position again (fig. 19).

2) With the bolt closed and the hammer cocked, reverse the gun pointing the barrel downwards.

3) Insert a cartridge into the magazine (fig. 20): push it until it is retained by the carrier latch which engages automatically (fig. 21). Repeat the operation until the magazine is fully loaded.



NOTE: the gun must be loaded with the hammer cocked so that the carrier latch can retain the cartridges as they are inserted in the magazine. Now the gun cannot be fired unless a cartridge is placed in the barrel, as to one of the following procedures:

A) Direct procedure:

1) Open the bolt and at the same time insert a cartridge into the barrel through the case ejection port (fig. 22).

2) Release the cocking lever: the bolt will push the cartridge on the carrier into the chamber and stop in the closed position (fig. 24).

B) Indirect procedure:

1) Open the bolt and hold it in this position pushing, at the same time, the cartridge drop lever; in this way the first round in the magazine will be deposited onto the carrier (fig. 23).

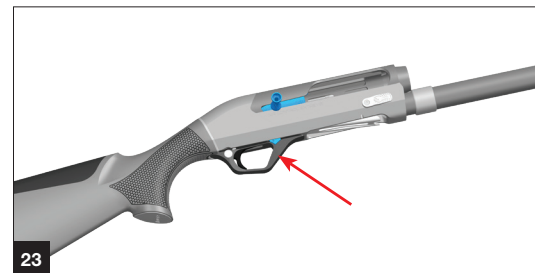
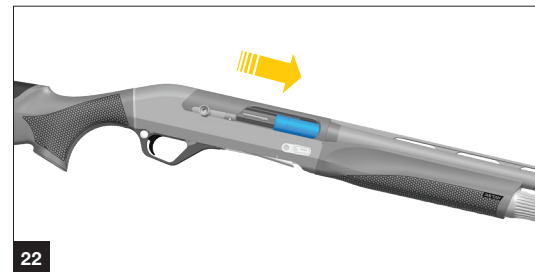
2) Release the cocking lever: the bolt will push the cartridge on the carrier into the chamber and stop in the closed position (fig. 24).

WARNING: With the procedure B the number of cartridges in the magazine will be reduced by one round. A new cartridge can be inserted - see above - to fill the magazine completely.

NOTE: During this operation, always point the gun in a safe direction, even though the safety catch is engaged (see Gun safety catch).

Now the gun is loaded: when the safety catch is moved to firing position (red ring visible), the gun is ready for use.

WARNING: When your shotgun is new and before beginning to use it normally, a breaking-in period may be required before your new shotgun works perfectly with light target loads. If you experience any initial functioning problems, we recommended firing three or four boxes of standard hunting loads to allow for this break-in period.



Cartridge replacement

(This operation must be carried out with the gun safety catch engaged see Gun safety catch and barrel pointed in a safe direction)

To replace a cartridge in the chamber, two procedures can be followed:

A) by manual replacement of a new cartridge;

B) by using the cartridge drop lever.

A) Manual replacement (when the cartridge is not coming from the magazine)

1) Rest the stock on your hip and pull the cocking lever to open the bolt: the cartridge in the chamber is extracted and ejected from the gun (fig. 25).

2) Insert a new cartridge even partially in the barrel through the special ejection window (fig. 26) and release the cocking lever to close the bolt again.

B) Using the cartridge drop lever (when the cartridge is coming from the magazine)

1) Rest the stock on your hip and pull the cocking lever to open the bolt: the cartridge in the chamber is extracted and ejected from the gun (fig. 25).

2) Press the cartridge drop lever (fig. 24) and release the cocking lever to close the bolt again. In this way, the cartridge will pass quickly from the magazine to the chamber.

Unloading

(This operation must be carried out with the gun safety catch engaged see “Gun safety catch” and the barrel pointed in safe direction)

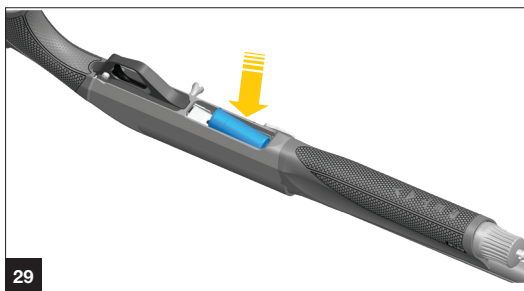
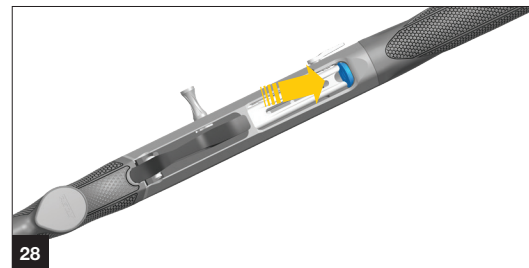
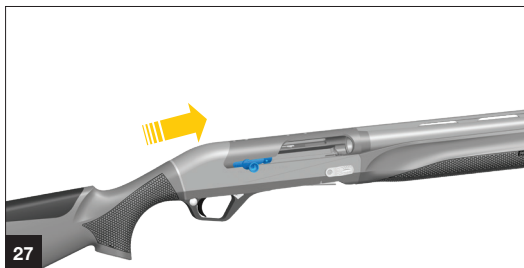
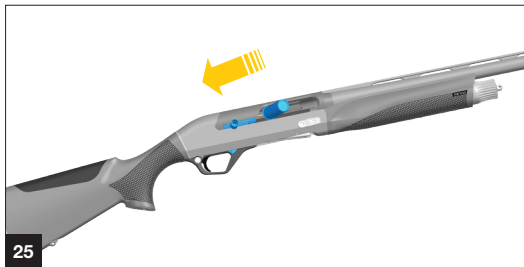
To unload the shotgun, proceed as follows:

1) Open the bolt: the cartridge in the chamber will be extracted and ejected (fig. 25).

2) Close the bolt: gently releasing the cocking lever (fig. 27).

3) Reverse the gun and - thrusting the carrier towards inside - press the carrier latch frontal part with your index finger (fig. 28); the first cartridge will come out (fig. 29). The carrier latch must be pressed for each released cartridge.

WARNING: Gun can be unloaded by repeating the operation, as described under point B of the chapter: Cartridge replacement.



Troubleshooting

Before starting any operation on your shotgun, make sure that the chamber and the magazine are unloaded! (Carefully read the instructions on gun loading and unloading).

The gun fails to fire

- 1) Check the safety catch: if it is engaged, push the button to the fire position.
- 2) Check that there is a cartridge in the barrel. If unloaded", insert a cartridge following the loading instructions.
- 3) Check the firing mechanism. If necessary, clean and lubricate it.

Fore-end cap

Check that the fore-end cap is fitted and, especially after the first rounds, check that it is tightened firmly, to keep the barrel firmly against to the receiver.

Ammunition

Retay shotguns use the kinetic energy generated by the recoil to work the action. Use always ammunition that is powerful enough to fully cycle the action.

WARNING: when your shotgun is new and before beginning to use it normally, a breaking-in period may be required before your new gun works perfectly with light target loads. If you experience any initial functioning problems, we recommended firing three or four boxes of standard hunting cartridges.

Choice of ammunition

The Retay automatic shotgun can use shells with 70mm (2¾") case, with maximum shot loads of 42 grams for 12 gauges.

If your firearm is identified as being capable of handling magnum loads, besides the above types of ammunition, 76 mm (3") /89 mm (3.5") cartridges may be used with maximum permissible shot loads of 56 grams for 12 gauge.

For the 20 gauge versions you can use shells with a 70 mm (2¾") or 76 mm (3")

For the 28 gauge versions you can use shells with a 70 mm (2¾") or 76 mm (3")

CAUTION: Never use cartridges with a case longer than the chamber.

Non-compliance to this rule would have serious consequences for both the shotgun and the shooter.

No adjustment to the shotgun is necessary to fire any of the ammunition listed above.

Always use ammunition that is powerful enough to fully cycle the action.

All Retay shotguns are subjected to a 1500 bar burst test at the Turkish International Cooperation Activities in Ankara.

Maintenance

Before starting any operation on your shotgun, make sure that the chamber and the magazine are unloaded! (Carefully read the instructions on gun loading and unloading).

Thanks to its extreme simplicity and excellent materials, the Retay Automatic Shotgun requires no special maintenance.

However, as with all mechanical objects, firearms may break down if not maintained regularly. We do suggest regular maintenance prior to each use of the firearm.

The following few controls are recommended:

- 1) Normal cleaning of the barrel after use;
- 2) The firing mechanism, consisting of hammer, trigger, etc., may become clogged with any powder residuals (or foreign matters). Remove them by periodical cleaning or lubrication;
- 3) The bolt assembly may also become clogged with the same residuals over mentioned and therefore must be periodically dismantled, cleaned and lubricated;

4) To keep the gun in good order, oiling of the parts subject to atmospheric corrosion is recommended.

5) Periodically pull, clean and oil the recoil buffer spring located in the buttstock

NB: All barrels are internally chromium plated.

NOTE: whilst cleaning the gun the internal choke tubes are not to be stripped out. This in order to avoid residues collecting in the barrel's internal choke tube's connection threads.

Retay recommends use of specific products for cleaning other parts (wooden, techno polymer and camouflage or painted stock and fore-end). Avoid that parts get in contact with oils containing solvents or chemical substances in general, which could alter or damage their surfaces.

REPAIRS AND CUSTOMER SERVICE

RETAY USA CUSTOMER SERVICE: www.retayusa.com 800-977-5749

RETAY TURKEY CUSTOMER SERVICE: www.retayarms.com.tr / bilgi@retayarms.com +90 332 342 65 13

LIMITED WARRANTY

Refer to the warranty card supplied with your firearm

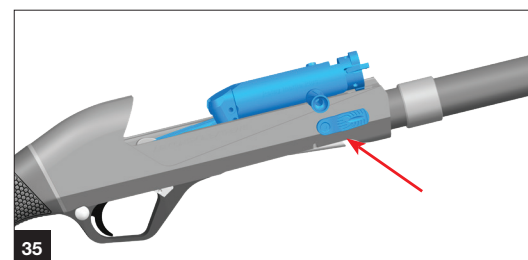
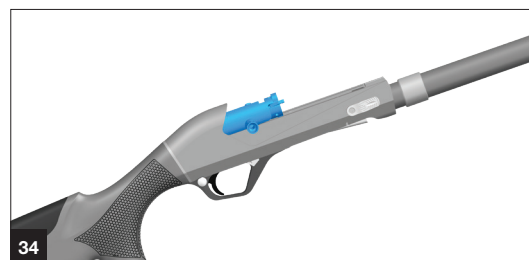
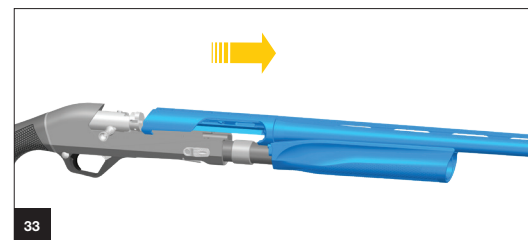
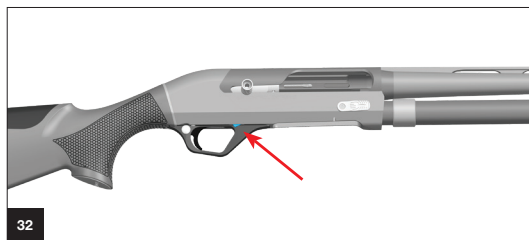
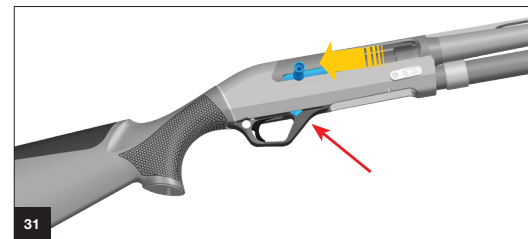
Shotgun stripping

For cleaning and maintenance

Before starting any operation on your shotgun, make sure that the chamber, carrier and the magazine are unloaded! (Carefully read the instructions on gun loading and unloading).

Stripping procedure

- 1) Unscrew the fore-end cap (figs. 3-4).
- 2) Take the gun in one hand and with the other open the bolt (fig. 30); should the bolt fail to engage, move the cartridge drop lever as arrowed and repeat the operation (fig. 31).
- 3) While resting the shotgun on your hip, keep it with one hand (fig. 32) and with the other hand pull the breech-barrel- fore-end assembly out of the receiver (fig. 33).
- 4) While holding the bolt assembly with one hand (fig. 34) so as to counter-balance the thrust of the recoil spring, push the carrier button and ease the bolt forward until the recoil spring no longer pushes it forward (fig. 35).



5) Pull the bolt assembly out of the receiver, sliding it along its guides (fig. 36).

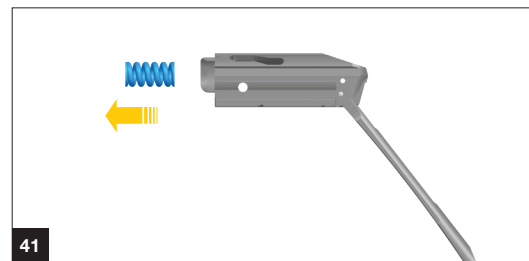
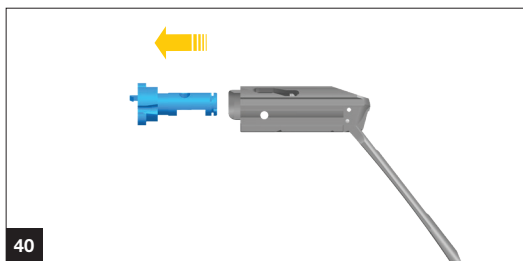
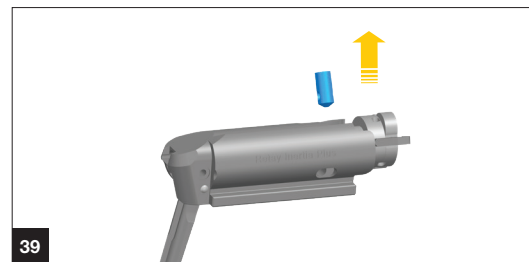
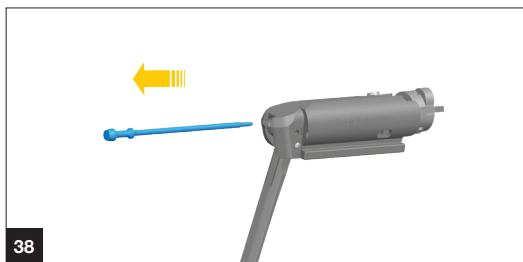
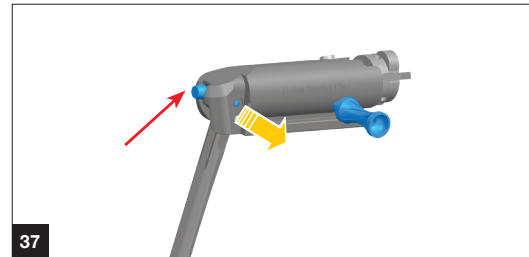
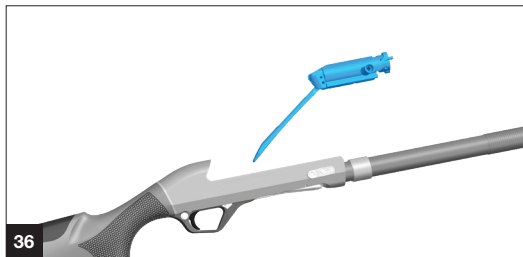
6) Remove the firing pin retaining pin from the bolt assembly, while holding the firing pin and firing pin spring in place (fig. 37).

7) Remove the firing pin and firing pin spring from the bolt (fig. 38).

8) Remove the locking head rotating pin from its seat (fig. 39).

9) Remove the bolt locking head from the bolt (fig. 40).

10) Remove the recoil spring from its seat in the bolt (fig. 41).



11) Hold the shotgun as shown position and press the trigger guard lock pin with one hand (fig.42)

12) Press the carrier button and extract the trigger guard assembly towards in shown direction (fig. 43).

The shotgun is now completely stripped. All the parts that require routine maintenance and cleaning are disassembled.

Shotgun assembly

For correct assembly after cleaning and maintenance operations, proceed as follows:

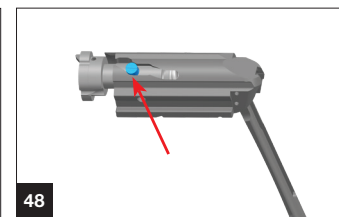
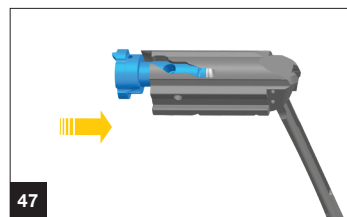
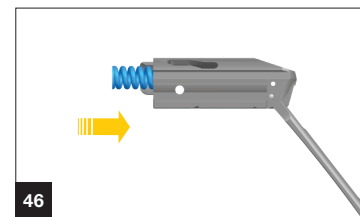
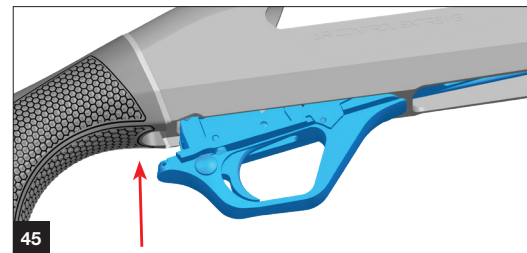
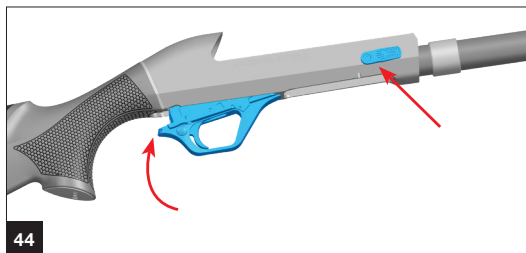
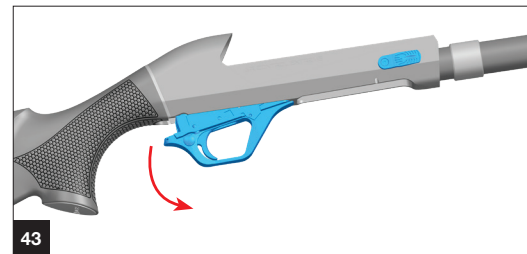
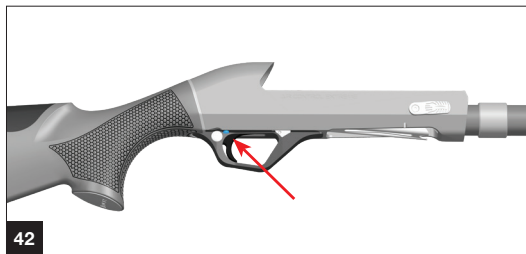
1) Grip the stock-receiver assembly and press the carrier button, insert the complete trigger guard assembly - with cocked hammer - in the receiver, positioning its frontal part up to hear click locking sound (figs. 44-45).

2) Slide the bolt recoil spring into its appropriate position (fig. 46).

NOTE: always make sure that the bolt recoil spring is positioned between the locking head and the bolt itself, in order to avoid a shot being fired during the closing phase

3) Slide the locking head into the bolt, making sure that the hole on its stem coincides with the slot on the bolt (fig. 47).

WARNING: the slanted surfaces on the locking head's stem should not be visible once the bolt locking head is mounted.



4) Insert the locking head pin in its hole on the locking head's stem, through the slot on the bolt (fig. 48).

NOTE: the reference line on top of the pin must be visible and aligned with the bolt assembly longitudinal axis (fig. 48).

5) Insert the firing pin and the firing pin spring inside the bolt hole (fig. 49).

NOTE: always make sure that the firing pin spring has been mounted

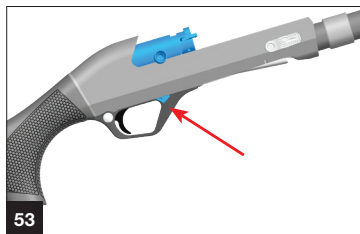
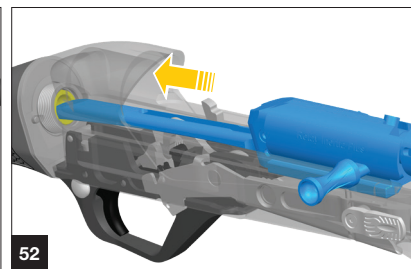
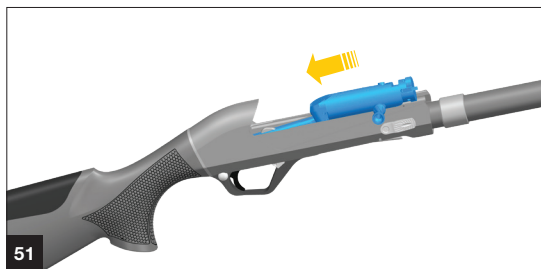
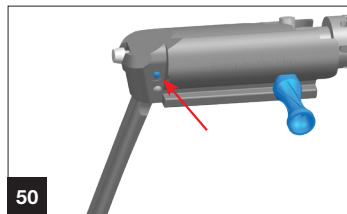
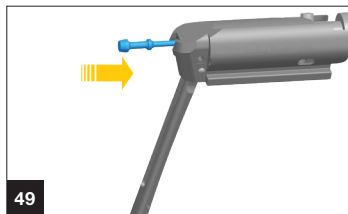
6) Insert the firing pin retaining pin in its seat, so as to block the firing pin (fig. 50).

7) Hold the stock receiver assembly almost horizontally and insert the bolt assembly in its guide on the receiver (fig. 51).

WARNING: make sure that the bolt link slides over the trigger guard assembly, positioning on the recoil spring guide pin inside the receiver, once the mounting has been completed (fig. 52).

8) Open the bolt acting on the locking head frontal part (fig. 53). If the bolt doesn't remain in the opened position, push the cartridge drop lever in the direction shown by the arrow and repeat the procedure.

9) Finish assembling the shotgun by following all the steps (except the first three) outlined under the section on page 34.



Drop and cast adjustment

Before beginning any operation on your shotgun, always make sure that chamber and magazine have been completely emptied! (Carefully read loading and unloading instructions).

The shotgun is supplied with a drop change kit (fig. 54) which enables you to adjust the original drop of the shotgun. The kit consists of one stock locking plate (in steel), plus drop change shims (in plastic). Each unit is marked with the corresponding drop and cast letter. The kit enables you to obtain four different drop patterns (as specified in the following table) and two different deflections (right hand or left hand).

Determine if your stock drop fits you perfectly, or whether it is either too high or too low for you.

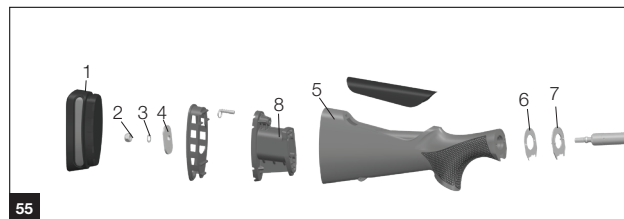
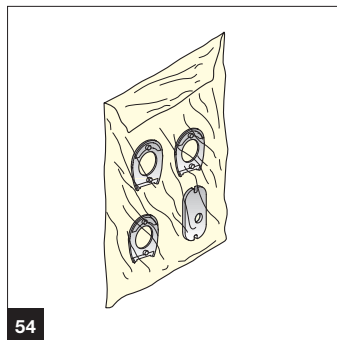
If it is too low, you need to select the previous adjustment set in alphabetical order (e.g. if the shim supplied on the shotgun is marked with a C, you must select the B, together with the corresponding stock locking plate).

Replacement procedure is very simple: Stock (fig. 55)

- 1) Remove the butt plate.
- 2) Unscrew the stock retaining nut 2 (using a 13 mm hexagon wrench).

DROP CHANGE SCHEDULE			
Cast Shim (plastic)	Stock locking plate (steel)	Drop shim (plastic)	Drop Value at heel (mm)
Reference letter	Reference letter	Reference letter	
RH	W RH	W	45 ± W RH
LH	W LH		45 ± W LH
RH	Z RH	Z	50 ± Z RH
LH	Z LH		50 ± Z LH
RH	A RH	A	55 ± A RH
LH	A LH		55 ± A LH
RH	B RH	B	60 ± B RH
LH	B LH		60 ± B LH

Matching instructions: the drop change kits are identified by letters. To ensure a correct drop always match locking plates and shims that have the same letters
E.g.: W - W RH - RH
RH= Right Hand
LH= Left Hand



3) Take the nut 2, the lock washer 3, the stock locking plate 4, the stock 8, the cast shim 10 and the drop shim 11 out of the recoil spring tube.

4) Assemble the drop shim "11" (W) that you have selected onto the recoil spring tube with the stamped letter facing the stock.

5) Reassemble the selected cast shim 10 with the stamped letter (RH or LH) facing toward the stock.

6) Point the barrel towards the floor and assemble the stock, insert the plate 4 in the stock itself with the stamped letter facing the butt plate.

7) Assemble the lock washer "3" and nut 2 on the recoil spring tube and tighten firmly.

WARNING: Always use drop shims 11, cast shims 10 and stock locking plates 4 with the corresponding lettering, e.g. W- W RH- RH or A- A RH-RH. The use of component parts with different letters may cause permanent deformation of the recoil spring tube with as a result, bolt sliding problems.

WARNING: once stock has been replaced, make sure that it is correctly retained to the receiver. After having fired the first few rounds, repeat check and if necessary, fix the stock again by removing the butt plate again and tightening the nut again by using appropriate wrench.

Having altered the stock drop of the shotgun, you have also obviously altered the firing position as well: it is therefore necessary that you first practice by executing some shots in order to make sure that the firing position is suitable to your size and shooting style

Internal choke

Before starting any operation on your shotgun, make sure that the chamber and the magazine are unloaded! (Carefully read the instructions on gun loading and unloading). The barrels with internal chokes are equipped with various types of chokes.

WARNING: before using the shotgun, make sure that the barrel has a choke correctly installed.

WARNING: the internal choke correctly mounted must not stick out of the barrel's muzzle. Use only the Retay internal chokes with a length which correctly fits the barrel.

To change or clean the internal choke, proceed as follows:

1) Unscrew the internal choke using the special choke wrench supplied with the shotgun and extract it completely from the barrel seat (fig. 56).

2) If the threaded seat of the choke on the barrel is too dirty, clean it.

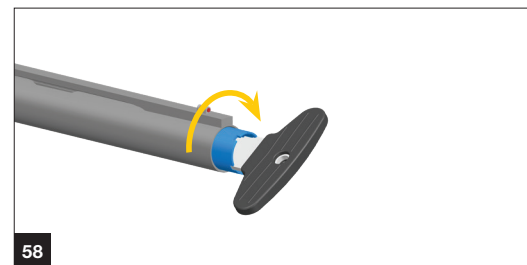
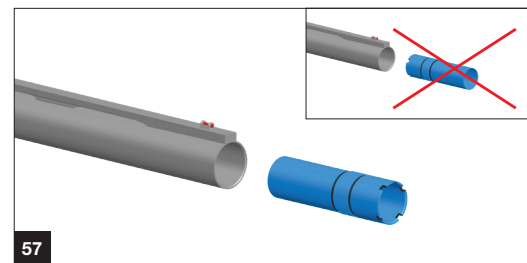
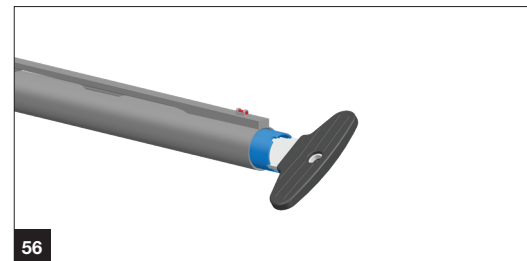
3) Reassemble the kind of choke required on the barrel seat, taking care to insert the non-threaded part inside the barrel; then screw the choke on the barrel thread (fig. 57).

NOTE: when choke is correctly mounted, it must not protrude from the barrel's muzzle.

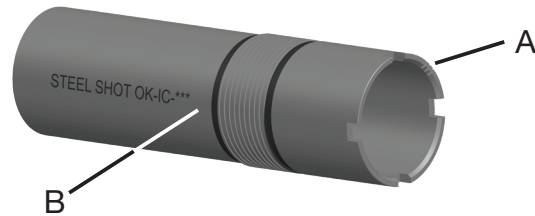
4) Finish the assembly of the choke by screwing it firmly using the choke wrench (fig. 58).

NOTE: before re-using the shotgun, make sure that the choke wrench has been removed from the barrel's muzzle.

Before the shotgun is put away, cleaning the internal choke and relative barrel thread is recommended.

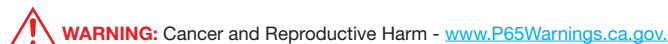


Retay chokes are marked for an easy identification. Notches on the frontal part of each choke allow a quick recognition, even when the choke is mounted on the shotgun.



A - NOTCHES
B - SYMBOL

NOTCHES	CHOKE	SYMBOL	STEEL SHOT
I	Full	X	NO ✗
II	Improved Modified	XX	NO ✗
III	Modified	XXX	OK ✓
IIII	Improved Cylinder	XXXX	OK ✓
IIIII	Cylinder	XXXXX	OK ✓



STATE-MANDATED WARNINGS

As Retay sells firearms in multiple states, the warnings mandated by the laws of various states are included herein.

California

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 website 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. If you or someone you know is contemplating suicide, please call the national suicide prevention lifeline at 1-800-273-TALK (8255).

Advertencia: Las armas de fuego deben ser manejadas de manera responsable y segura para evitar el acceso de los niños y otros usuarios no autorizados. California tiene leyes estrictas relativas a las armas de fuego, y usted puede ser multado o encarcelado si no las cumple. Visite el sitio web del Fiscal General de California en <https://oag.ca.gov/firearms> para obtener información sobre las leyes sobre armas de fuego que le son aplicables y cómo puede cumplir. Evitar el acceso de los niños manteniendo siempre las armas cerradas y descargadas cuando no estén en uso. Si usted guarda un arma de fuego cargada donde un niño lo obtiene y lo usa indebidamente, puede ser multado o enviado a prisión. Si usted o alguien que usted conoce está pensando en suicidarse, por favor llame a la línea nacional

de prevención del suicidio al 1-800-273-TALK (8255).

Connecticut

UNLAWFUL STORAGE OF A LOADED FIREARM MAY RESULT IN IMPRISONMENT OR FINE.

Florida

It is unlawful, and punishable by imprisonment and fine, for any adult to store or leave a firearm in any place within the reach or easy access of a minor under 18 years of age or to knowingly sell or otherwise transfer ownership or possession of a firearm to a minor or a person of unsound mind.

Massachusetts

It is unlawful to store or keep a firearm, rifle, shotgun or machine gun in any place unless that weapon is equipped with a tamper-resistant safety device or is stored or kept in a securely locked container.

New Jersey

It is a criminal offense, punishable by a fine and imprisonment, for an adult to leave a loaded firearm within easy access of a minor.

New York City

Warning: Responsible firearm storage is the law in New York State, as defined by the NY Safe Act. Firearms must be stored in a safe or other secure container which, when locked, is incapable of being opened without the key, combination or other unlocking mechanism and is capable of preventing an unauthorized person from obtaining access to and possession of the device appropriate to that firearm. Leaving firearms accessible to a child

or unauthorized person may subject you to imprisonment, fine, or both. You may also face additional criminal penalties if the firearm is used by another negligently and civil liability.

North Carolina

Section 14-315.1 Storage of firearms to protect minors. (a) Any person who resides in the same premises as a minor, owns or possesses a firearm, and stores or leaves the firearm (i) in a condition that the firearm can be discharged and (ii) in a manner that the person knew or should have known that an unsupervised minor would be able to gain access to the firearm, is guilty of a Class 1 misdemeanor if a minor gains access to the firearm without the lawful permission of the minor's parents or a person having charge of the minor and the minor: (1) Possesses it in violation of G.S. 14-269.2(b); (2) Exhibits it in a public place in a careless, angry, or threatening manner; (3) Causes personal injury or death with it not in self defense; or (4) Uses it in the commission of a crime. (b) Nothing in this section shall prohibit a person from carrying a firearm on his or her body, or placed in such close proximity that it can be used as easily and quickly as if carried on the body. (c) This section shall not apply if the minor obtained the firearm as a result of an unlawful entry by any person. (d) "Minor" as used in this section means a person under 18 years of age who is not emancipated.

Washington

Warning: You may face criminal prosecution if you store or leave an unsecured firearm where a person who is prohibited from possessing firearms can and does obtain possession.

Wisconsin

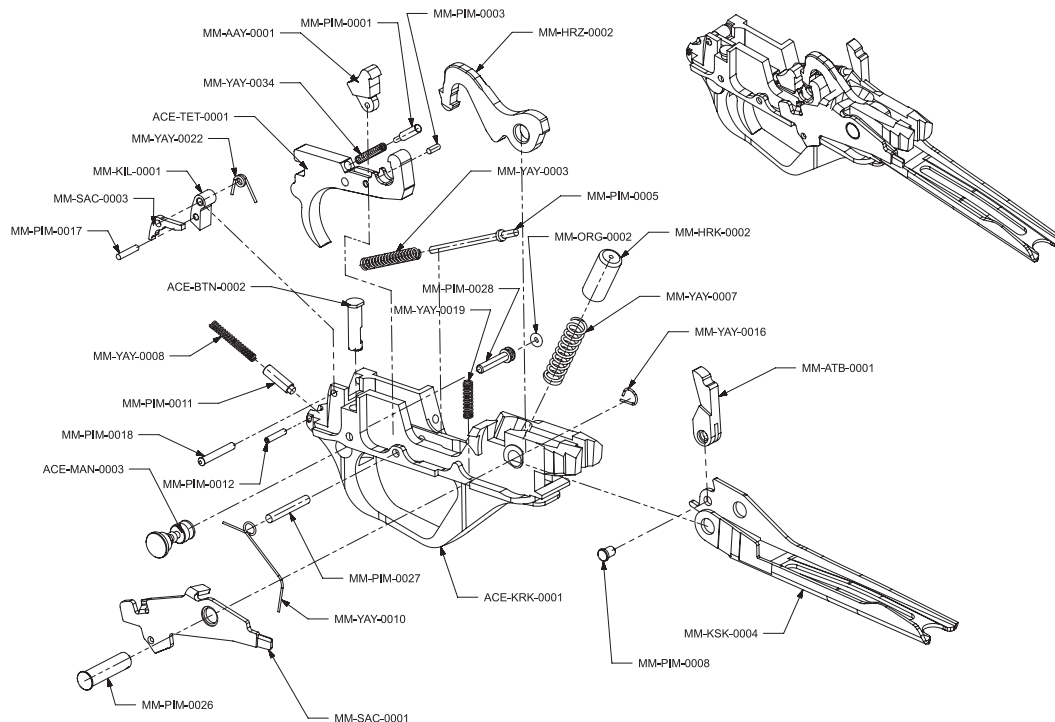
If you leave a loaded firearm within the reach

LIMITATION OF LIABILITY

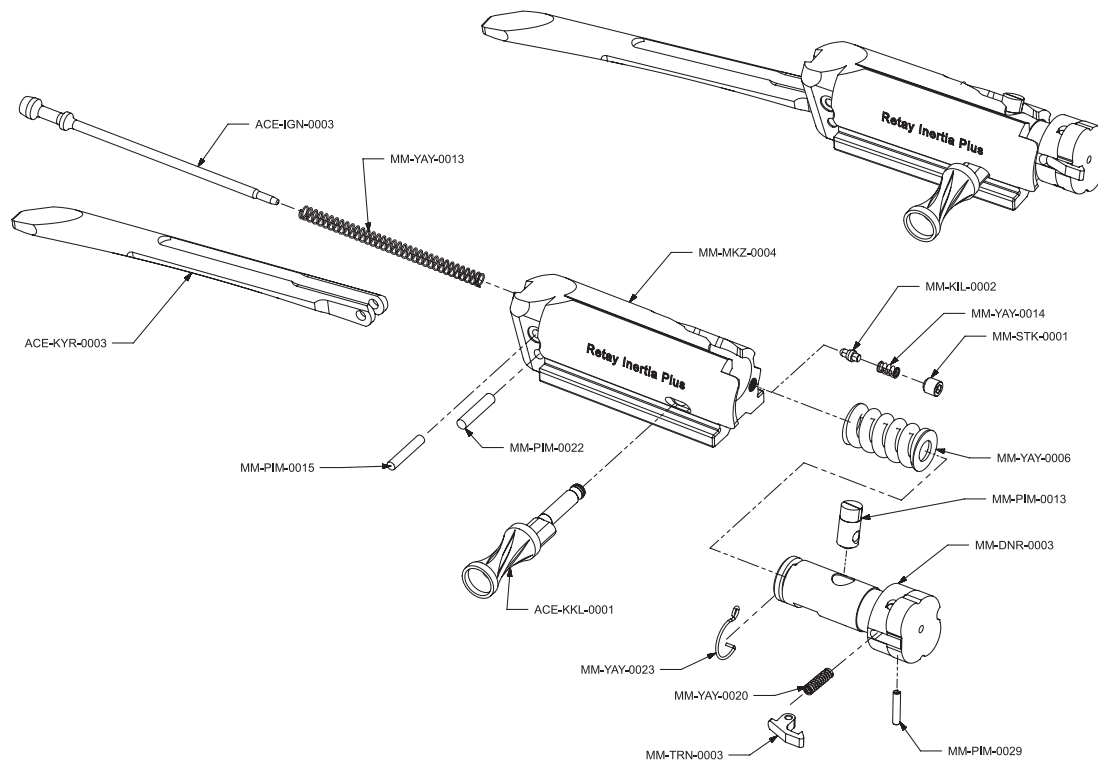
Retay excludes and will not be responsible for any incidental or consequential damages with respect to economic loss or injury to person or property, whether as a result of express or implied warranty, negligence or otherwise. Some states do not allow the exclusion of limitation of incidental or consequential damages, so the above limitation may not apply to you. Retay will not be responsible for the results of careless handling, unauthorized adjustments, defective, low quality, reloaded, or improper ammunition, corrosion, neglect, ordinary wear and tear, or unreasonable use. Furthermore, the liability of Retay under this warranty shall be limited solely to the obligation to repair or replace the firearm. Retay's obligations under this warranty shall not apply to the extent that any law, regulation, or other governmental requirement prohibits the repair, replacement, and/or return of the firearm to the person who sent the firearm to Retay.

Spare parts list

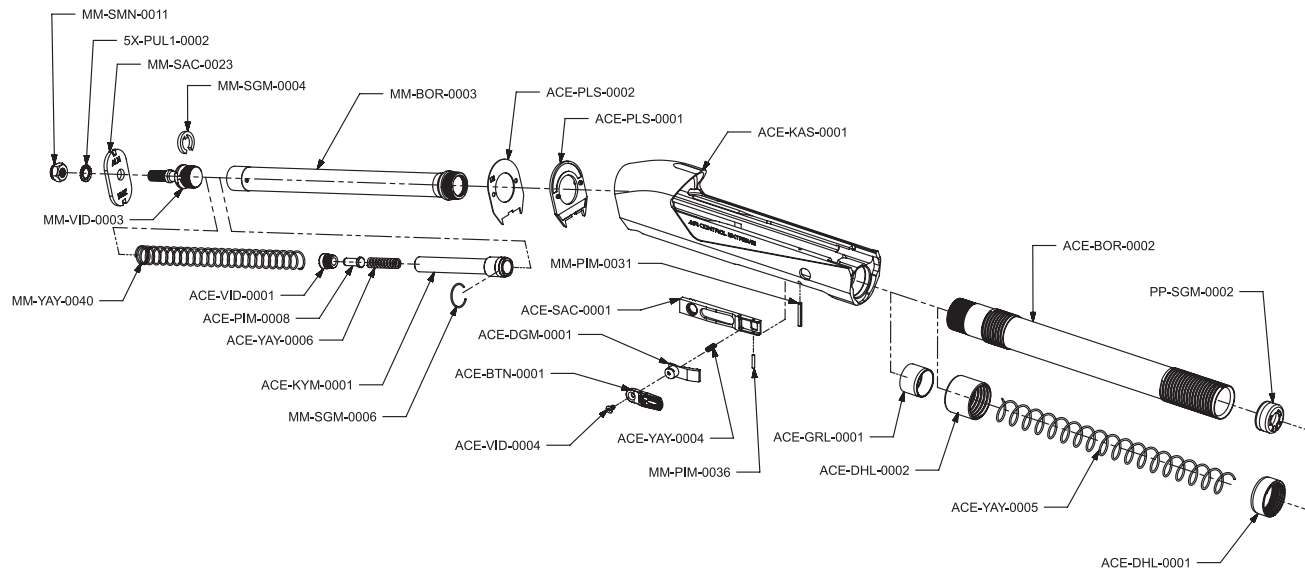
To order spare parts you must specify the gauge, the model and the serial number of your shotgun.
Part numbers here listed refer to respective drawings.

Drawing 1
GAUGE 12 / 20 / 28


CODE	
MM-PIM-0005	Bolt latch pin
MM-YAY-0003	Carrier spring
MM-YAY-0016	Trigger guard pin spring
MM-PIM-0026	Carrier pin
MM-KSK-0004	Carrier
MM-PIM-0008	Bolt stop tooth pin
MM-ATB-0001	Bolt stop tooth
MM-SAC-0001	Cartridge drop lever
MM-HRZ-0002	Hammer
MM-HRK-0002	Hammer spring cap
ACE-YAY-0007	Hammer spring
MM-PIM-0012	Safety spring retaining pin
MM-YAY-0008	Safety plunger spring
MM-PIM-0011	Hand safety plunger
MM-YAY-0010	Cartridge drop lever spring
MM-PIM-0028	Trigger pin bush
MM-ORG-0002	Trigger guard pin oring
ACE-BTN-0002	Hand safety plunger
ACE-MAN-0003	Hand safety button
ACE-KRK-0001	Trigger guard
MM-KIL-0001	Trigger group lock
MM-SAC-0003	Trigger group lock wire
MM-PIM-0017	Trigger group lock spring pin
MM-YAY-0022	Trigger group lock spring
MM-PIM-0018	Trigger group fixing pin
MM-YAY-0034	Disconnector Spring
MM-PIM-0001	Spring guide pin
MM-AAY-0001	Disconnector hammer
MM-PIM-0003	Disconnector pin
ACE-TET-0001	Trigger
MM-YAY-0019	Trigger spring
MM-PIM-0027	Trigger pin
MM-KRK-0010	Trigger sistem

Drawing 2**GAUGE 12 / 20 / 28**

CODE	
MM-MKZ-0004	Bolt
MM-PIM-0020	Bolt handle spring retaining pin
MM-YAY-0014	Bolt handle retaining spring
MM-KIL-0002	Bolt handle pin
ACE-KKL-0001	Bolt handle
MM-PIM-0022	Link pin
MM-PIM-0015	Firing pin retaining pin
ACE-IGN-0003	Firing pin
MM-YAY-0013	Firing pin spring
MM-PIM-0013	Locking head pin
MM-DNR-0003	Locking head
MM-YAY-0006	Inertia spring
MM-PIM-0029	Extractor pin
MM-YAY-0020	Extractor spring
MM-TRN-0003	Extractor
ACE-KYL-0003	Link
MM-YAY-0023	Locking head release spring
MM-DNR-0004	Locking head assembly
MM-MKZ-0006	Bolt assembly

Drawing 3
GAUGE 12 / 20 / 28


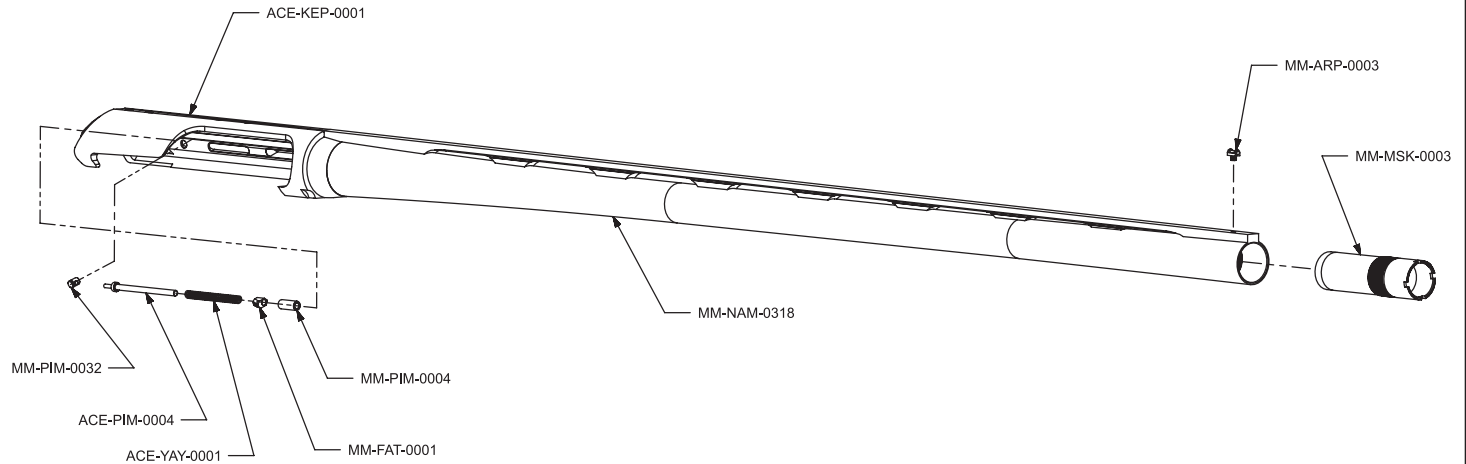
CODE	
ACE-KAS-0001	Cover
ACE-BOR-0002	Magazine Tube
ACE-YAY-0005	Magazine Spring
ACE-GRL-0001	Magazine Follower
ACE-YAY-0004	Latch Spring
ACE-DGM-0001	Latch
ACE-SAC-0001	Carrier Latch
ACE-KYM-0001	Light Load Assembly

MM-BOR-0003	Recoil Spring Tube
MM-YAY-0040	Recoil Spring
ACE-PLS-0001	Drope Change Shim
ACE-PLS-0002	Cast Shim
MM-SAC-0023	Locking Plate
MM-SMN-0011	Stock Retaining Nut
5X-PUL1-0002	Shim Washer
ACE-VID-0001	Light Load Assy Screw
ACE-PIM-0008	Light Load Assy Pin
ACE-YAY-0006	Light Load Assy Spring

MM-SGM-0006	Elastic Ring
MM-PIM-0036	Latch Pin
ACE-BTN-0001	Latch Button
ACE-VID-0004	Latch Button Screw
PP-SGM-0002	Magazine Tube Ring
ACE-DHL-0001	Rest Ring
ACE-DHL-0002	Support Ring
MM-SGM-0004	Elastic Washer
MM-VID-0003	Stock Retaining Nut Screw
MM-PIM-0031	Carrier Latch Pin

Drawing 4

GAUGE 12 / 20 / 28

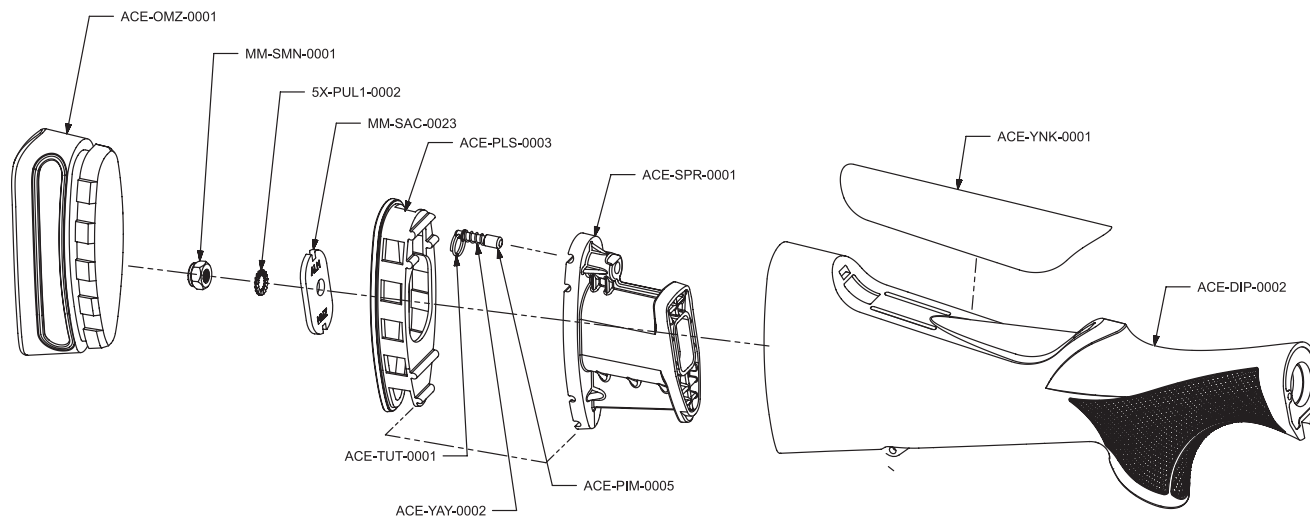


Code	
ACE-KEP-0001	Upper Receiver
MM-FAT-0001	Ejector
MM-PIM-0004	Ejector Bearing Pin Bush
MM-PIM-0032	Ejector Front Bearing Pin

ACE-PIM-0004	Ejector Pin
ACE-YAY-0001	Ejector Spring
MM-NAM-0318	Barrel
MM-ARP-0003	Front sight
MM-MSK-0003	Internal choke

Drawing 5

GAUGE 12 / 20 / 28



Code	
MM-SMN-0001	Stock Retaining Nut
5X-PUL1-0002	Shim Washer
MM-SAC-0023	Spacer
ACE-PLS-0003	Butt Plate Outer Plastic
ACE-TUT-0001	Cheekpiece Pin Retainer

ACE-YAY-0002	Cheekpiece Spring
ACE-PIM-0005	Cheekpiece Pin
ACE-YNK-0001	Cheekpiece
ACE-OMZ-0001	Polyurethane Recoil Pad
ACE-SPR-0001	Stock End Case
ACE-DIP-0002	Stock Assembly (Plastic)



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