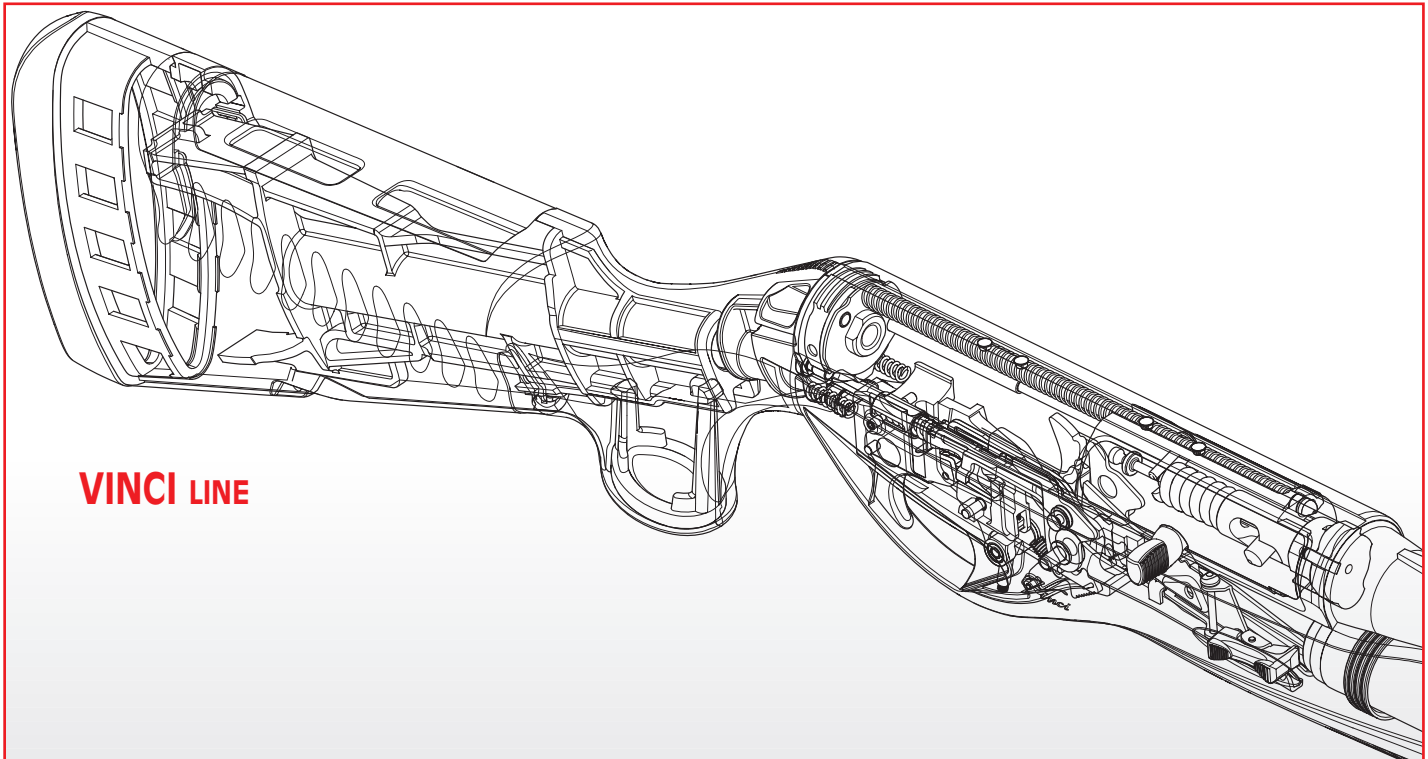
VINCI LINE

Benelli



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Index

UNLESS YOU ARE GIVEN SEPARATE AND SPECIFIC INSTRUCTIONS, THE TEXTS AND ILLUSTRATIONS CONTAINED IN THIS OWNER'S MANUAL ALWAYS REFER TO THE RIGHT HAND 12-GAUGE VERSION OF THE SPECIFIED SHOTGUN.

Data subject to modifications without notice.

BASIC SAFETY RULES

WARNING: PLEASE READ THIS MANUAL BEFORE HANDLING YOUR FIREARM.

WARNING: FIREARMS CAN BE DANGEROUS AND CAN POTENTIALLY CAUSE SERIOUS INJURY, DAMAGE TO PROPERTY OR DEATH, IF HANDLED IMPROPERLY. THE FOLLOWING SAFETY RULES ARE AN IMPORTANT REMINDER THAT FIREARM SAFETY IS YOUR RESPONSIBILITY.

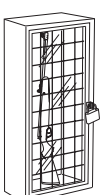
1. NEVER POINT A FIREARM AT SOMETHING THAT IS NOT SAFE TO SHOOT.

Never let the muzzle of a firearm point at any part of your body or at another person. This is especially important when loading or unloading the firearm. When you are shooting at a target, know what is behind it. Some bullets can travel over a mile. If you miss your target or if the bullet penetrates the target, it is your responsibility to ensure that the shot does not cause unintended injury or damage.

2. ALWAYS TREAT A FIREARM AS IF IT WERE LOADED.

Never assume that a firearm is unloaded. The only certain way to ensure that a firearm has the chamber empty is to open the chamber and visually and physically examine the inside to see if a round is present.
Removing or unloading the magazine will not guarantee that a firearm is unloaded or cannot fire. Shotguns and rifles can be checked by removing all rounds and by then opening and inspecting the chamber so that a visual inspection of the chamber for any remaining rounds can be made.

3. STORE YOUR FIREARM SO THAT CHILDREN CANNOT GAIN ACCESS TO IT.



It is your responsibility to ensure that children under the age of 18 or other unauthorized persons do not gain access to your firearm. To reduce the risk of accidents involving children, unload your firearm, lock it and store the ammunition in a separate locked location. Please note that devices intended to prevent accidents - for example, cable locks, chamber plugs, etc, - may not prevent use or misuse of your firearm by a determined person. Firearm storage in a steel gun safe may be more appropriate to reduce the likelihood of intentional misuse of a firearm by an unauthorized child or person.

4. NEVER SHOOT AT WATER OR AT A HARD SURFACE.

Shooting at the surface of water or at a rock or other hard surface increases the chance of ricochets or fragmentation of the bullet or shot, which can result in the projectile striking an unintended or peripheral target.

5. KNOW THE SAFETY FEATURES OF THE FIREARM YOU ARE USING, BUT REMEMBER: SAFETY DEVICES ARE NOT A SUBSTITUTE FOR SAFE HANDLING PROCEDURES.

Never rely solely on a safety device to prevent an accident. It is imperative that you know and use the safety features of the particular firearm you are handling, but accidents can best be prevented by following the safe handling procedures described in these safety rules and elsewhere in the product manual.
To further familiarize yourself with the proper use of this or other firearms, take a Firearms Safety Course taught by an expert in firearms use and safety procedures.

6. PROPERLY MAINTAIN YOUR FIREARM.

Store and carry your firearm so that dirt or lint does not accumulate in the working parts. Clean and oil your firearm, following the instructions provided in this manual, after each use to prevent corrosion, damage to the barrel or accumulation of impurities which can prevent use of the gun in an emergency. Before loading your firearm, always check the barrel internal part and the chamber to ensure that they are clean and free from obstructions.
Firing with an obstruction in the barrel or chamber can rupture the barrel and injure you or others nearby. In the event you hear an unusual noise when shooting, stop firing immediately, engage the manual safety and unload the firearm.

Make sure the chamber and barrel are free from any obstruction, like a bullet blocked inside the barrel due to defective or improper ammunition.

7. USE PROPER AMMUNITION.

Only use factory-loaded, new ammunition manufactured to industry specifications: CIP (Europe and elsewhere), SAAMI® (U.S.A.). Be certain that each round you use is in the proper caliber or gauge and type for the particular firearm.
The caliber or gauge of the firearm is clearly marked on the barrels of shotguns and on the slide or barrel of pistols.
The use of reloaded or remanufactured ammunition can increase the likelihood of excessive cartridge pressures, case-head ruptures or other defects in the ammunition that can cause damage to your firearm and injury to yourself or others nearby.

8. ALWAYS WEAR PROTECTIVE GLASSES AND EARPLUGS WHEN SHOOTING.

The chance that gas, gunpowder or metal fragments will blow back and injure a shooter who is firing a gun is rare, but the injury that can be sustained in such circumstances can be severe, including the possible loss of eyesight. A shooter must always wear impact resistant shooting glasses when firing any firearm.
Earplugs or other high-quality hearing protectors help reduce the chance of hearing damage from shooting.

9. NEVER CLIMB A TREE, FENCE OR OBSTRUCTION WITH A LOADED FIREARM.

Open and empty the chamber of your firearm and engage the manual safety catch before climbing or descending a tree or before climbing a fence or jumping over a ditch or other obstruction. Never pull or push a loaded firearm toward yourself or another person.
Always unload the firearm, visually and physically check to see that the magazine, loading mechanism and chamber are unloaded and that the bolt is open before handing the firearm to another person.
Never take a firearm from another person unless it is unloaded, visually and physically checked to confirm it is unloaded, and the action is open.

10. AVOID ALCOHOLIC BEVERAGES OR JUDGMENT/ REFLEX IMPAIRING MEDICATION WHEN SHOOTING.

Do not drink and shoot. If you take medication that can impair motor reactions or judgment, do not handle a firearm while you are under the influence of the medication.

11. NEVER TRANSPORT A LOADED FIREARM.

Unload a firearm before putting it in a vehicle (chamber empty, magazine empty). Hunters and target shooters should load their firearm only at their destination, and only when they are ready to shoot. If you carry a firearm for self-protection, leaving the chamber unloaded can reduce the chance of an unintentional discharge.

12. LEAD 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.

WARNING: it is YOUR responsibility to know and abide by Federal, State and Local laws governing the sale, transportation and use of firearms in your area.

WARNING: this firearm has the capability of taking your life or the life of someone else! Always be extremely careful with your firearm. An accident is almost always the result of not following basic firearm safety rules.

Especially for U.S. consumers:

For information about Firearm Safety Courses in your area, please visit the National Rifle Association's web site at www.nra.org.

Foreword

Benelli has set a number of milestones along the firearm evolutionary process, particularly in regards to the semiautomatic smooth-barrel shotgun.

Incessant innovation, advanced technology, strict quality controls, manufacturing excellence, pride in a job well done and dedication to meet the end-user's needs - these are the elements that allow the Benelli team to turn revolutionary ideas into guns appreciated for their on-the-field performance, ballistic reliability and matchless aesthetic design.

Brilliance usually goes hand-in-hand with simplicity and the inertial bolt is a fine example of this principle. Our new semiautomatic is an inertial at heart!
A shotgun so innovative that is able to offer unparalleled features including reliability, ease-of-use, effortless maintenance, and interchangeable modular parts.

Additionally, the gun boasts reduced recoil, maximum resistance to environmental factors and much more... exciting details that you will discover as you read the maintenance manual but -- above all -- as you'll fire your new Vinci shotgun.

We know this is a gun that you'll grow increasingly fond of, shot after shot.

Technical description

The Vinci semi-auto shotgun uses a new **Inertia Driven** system exploiting the kinetic energy of the recoil in the same way as the traditional Benelli shotguns currently available on the market.

The design solution, however, is entirely innovative and based on a modular concept. All the essential parts are built from separate Modules that are assembled in a simple sequence of movements, with no need for tools whatsoever. This is the new Vinci philosophy.

One of a kind. A shotgun that comes from the simple union of the Carriage, Stock, Magazine and barrel Module.

A true revolution. All the functions necessary for correct firearm operation - locking, opening, ejection and reloading - in a single Assembly.

The mass necessary to the inertial function is concentrated in the Oscillating Bolt housed within the cover, together with the Rotating Locking Head, Ejector and Recoil Spring, forming a single Module.

This yields significant advantages in terms of balance, stability, reliable operation and easy disassembling, assembly and maintenance.

This innovative technical solution completely reconfigures the shotgun's structural architecture, making the Barrel Module, complete with cover, a support element for the whole shotgun.

The Stock Module is housed in the rear part of the cover, with a quick insertion allowing each customer to personalise the drop and deviation as preferred, thanks to a single interchangeable, and easily replaceable, plate.

The quick release system for the stock does not require any locking tools; by a simple manual rotation it is possible to disassemble and assemble it easily, changing it according to the desired shotgun use.

The stock is anchored to the barrel by the cover, meaning that the concept of the receiver has been overcome, giving rise to a new element we can call the carriage, and which is equipped with triple function: fore-end, to guarantee shotgun grip; receiver, to hold the cocking mechanism; and the cartridge output and raising system and the trigger guard assembly, as trigger protection.

The thus-configured carriage is simply connected to the Barrel Module, with no screws or through pins, but simply by blocking the front by means of lugs built into a sliding sleeve, and the rear by anchoring it to the drop change plate.

The shotgun trigger release unit is positioned inside the carriage, at the level of the trigger guard assembly, whilst to the front, a Magazine Module is housed, connected to the Barrel Module by simple rotation. Assembly and interchanging are very simple, with no need for tools or equipment.

The Magazine Modules can be of various different lengths, and contain different quantities of cartridges depending on the intended use and on legal provisions, thereby avoiding the use of magazine tube extensions.

The great technological innovation of the Vinci shotgun does not merely consist of its revolutionary support structure, but also of the Receiver, Magazine Tube, Fore-end and Barrel unit, fixed by means of lugs and plugs and featuring a quick-release assembly for the individual modules.

Careful research has also been carried out into the ergonomics of the function of the Carriage, cocking lever and cut-off system, that ease bolt opening, allowing for ambidextrous application of the cartridge drop lever and facilitating manual unloading, by acting externally on the cartridge stop latch.

For the high level of perfection featured, Vinci shotgun operation is guaranteed by a wide range of CIP standard cartridges, despite preserving the kinetic energy needed for complete automatic reloading.

In-depth ballistic laboratory experiments, and specific practical tests confirm that for correct firearm function, the kinetic energy minimum value developed by a **12-gauge** cartridge is **200 kgm** for Vinci Cordoba and Vinci SuperSport models, **230 kgm** for other Vinci models and **240 kgm** for SuperVinci model - value measured by manometric barrel at 1 m from the muzzle.

Assembly
(from packaged gun)

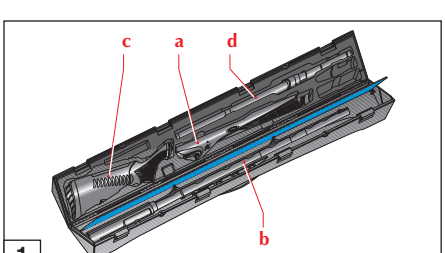
Components of the package (fig. 1):

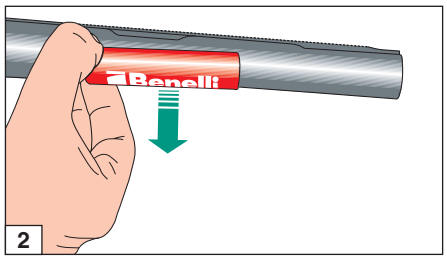
a) **Gun Carriage/Magazine tube Module**
b) **Barrel/Receiver Module**
c) **Stock Module**
d) **Magazine tube Module (only versions M395-M515-M640)**

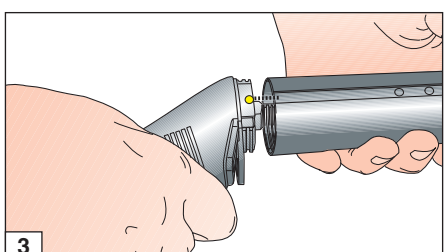
WARNING: please remember to remove the **plastic barrel sheath** before using the firearm (fig. 2).

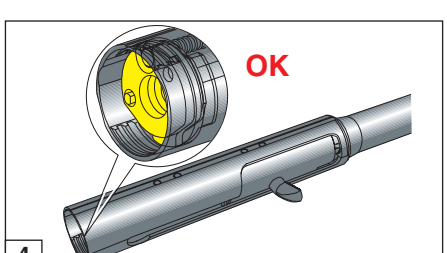
Assembly procedure

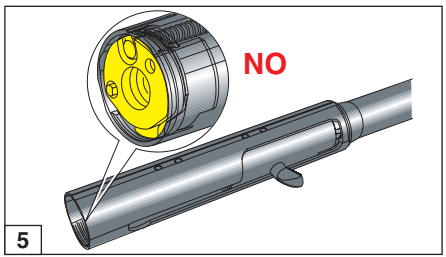
1) Mount the stock on the barrel, aligning the **white reference dot** with the sight line on the cover (fig. 3).
2) Insert the stock on the cover up to the stop, making sure that the bolt module is correctly positioned inside the barrel Module (fig. 4 and fig. 5).
3) Whenever the module is incorrectly placed, push **the stop-bolt plate** downward using your thumb (fig. 6) in order to unlock the upper lug and pull the bolt back to the end of stroke (fig. 7).

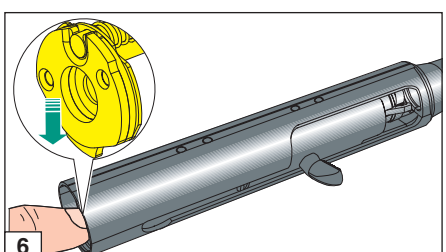


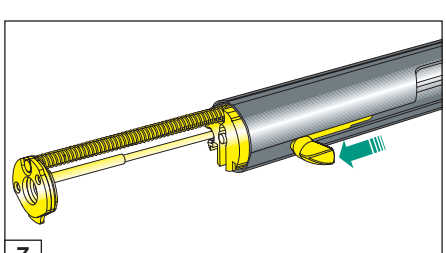












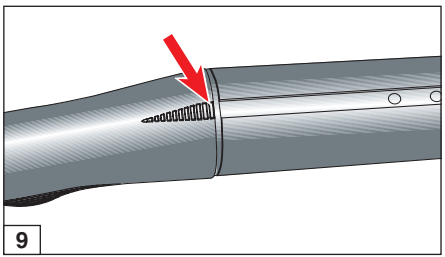
4) Keep the white point alignment and the sight line on the cover and rotate the stock forcefully by 90° clockwise until it reaches the end of the stroke (fig. 8); (stock upper checkering aligned with the sight line on the cover - fig. 9).

5) Grip the gun carriage and make sure that the **white reference dot** for assembly is well visible **through the lower slot** positioned near the complementary serial number (fig. 10).

WARNING: if the white dot is **covered by the assembly/disassembly button** (fig. 11), press the button all the way down and rotate the **magazine tube plug counter clockwise** (fig. 12) until it reaches the correct position for assembling the gun: white dot visible.

6) Bring the gun carriage towards the Barrel/Receiver Module, in a vertical position so that the groove on the right side of the gun carriage **aligns with the white dot** on the **cover** (fig. 13).

7) Keep the two Modules aligned and push the gun carriage forcefully towards the stock, if possible while it is resting on a back-up surface (fig. 14); then, rotate the magazine tube plug clockwise (fig. 15), until the assembly/disassembly button is positioned as shown in fig. 11.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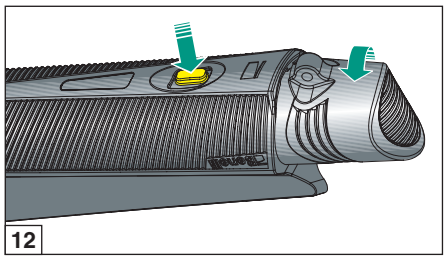
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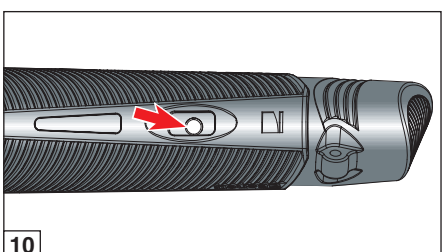
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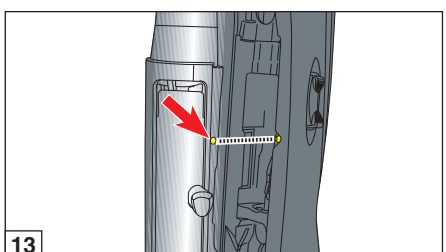
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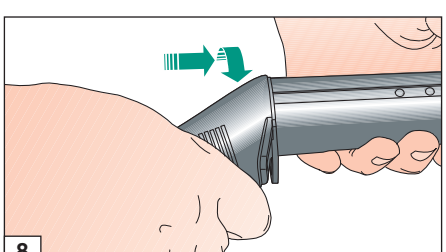
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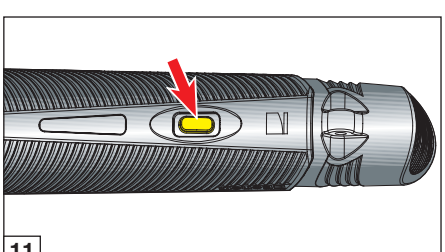
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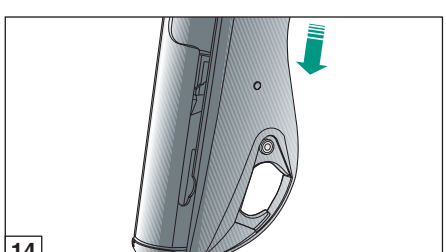
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8) To check that all of the operations have been correctly executed, open and close the bolt using the relative cocking lever: the bolt must freely slide inside the cover (fig. 16).

Assembly is now completed.

Gun safety catch

The **"cross bar" safety catch** is positioned on the front part of the trigger guard. To insert the safety catch, press the button: **with the safety catch inserted, the red ring which indicates the firing position must not be visible** (figs. 17-18).

Loading

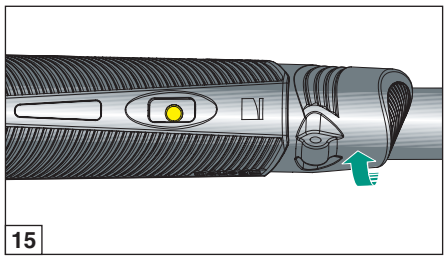
Before starting any operation on your shotgun, make sure that the chamber and the magazine tube are unloaded!
(Carefully read the instructions on gun loading and unloading).

NOTE: make sure that your firearm is fitted with a magazine tube module containing a number of cartridges permitted by legislation in the country where you intend to use it.

Loading procedure

WARNING: make sure that the gun **safety catch** (see "Gun safety catch") is engaged and the **hammer cocked** (so that the cartridge stop latch can retain the cartridges as they are inserted in the magazine).

WARNING: for safety reasons, **always verify** if by opening the bolt the shotgun is unloaded. Then **close** the bolt **again**.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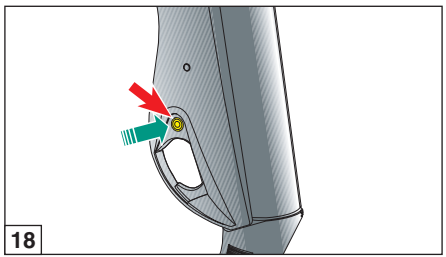
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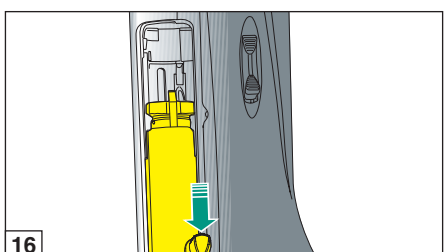
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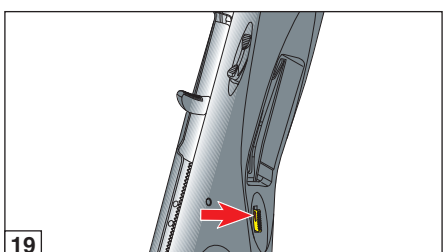
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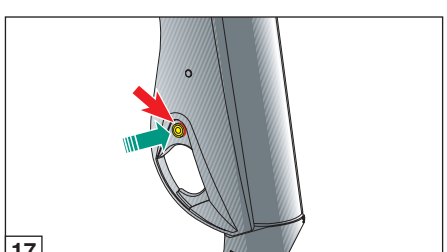
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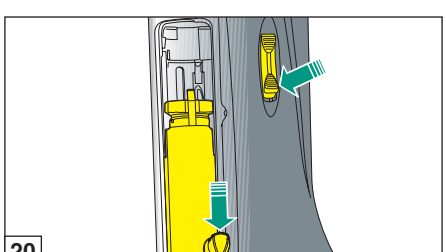
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1) **The section of cartridge drop lever marked in red must be well visible** (fig. 19). If necessary, bring it into the right position by **pressing the cartridge stop latch button** (fig. 20) and simultaneously manually opening the **bolt**, which will be repositioned on closure.
2) With the bolt closed and the hammer cocked, reverse the gun (pointing the barrel downwards).
3) **Insert a cartridge** into the magazine (fig. 21): push it until it is retained by the cartridge stop latch which **engages automatically** (fig. 22).

Repeat the operation until the magazine is fully loaded.

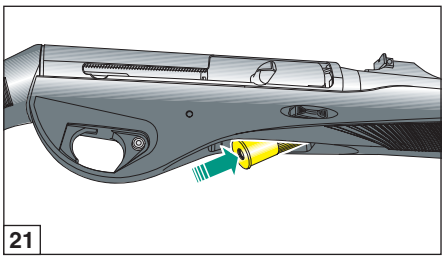
WARNING: the gun must be loaded with the hammer cocked so that the cartridge stop latch can retain the cartridges as they are inserted in the magazine.

At this point the gun still cannot be fired: a cartridge must be loaded into the barrel, as follows:

1) Keep the bolt open and in the same time insert a cartridge into the barrel through the case ejection port (fig. 23).
2) Release the bolt which, by moving forward, will push the cartridge into the chamber and stop in the closed position (fig. 24).

WARNING: 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.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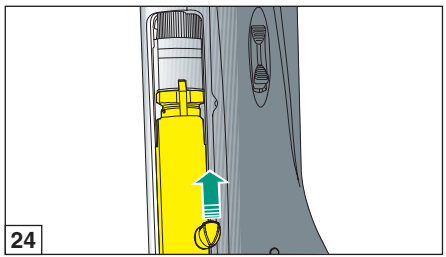
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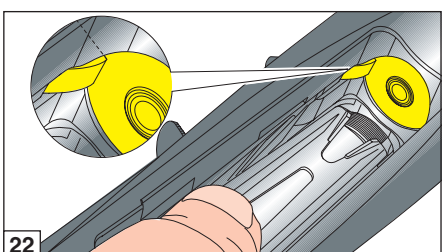
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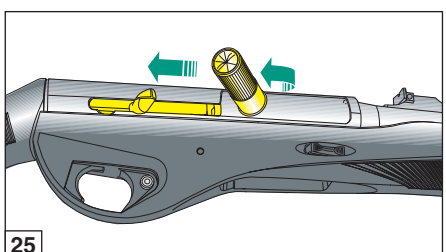
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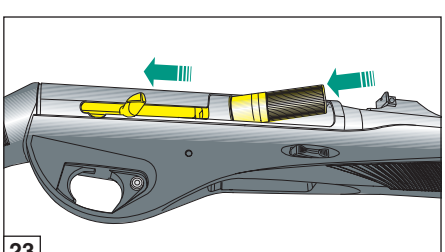
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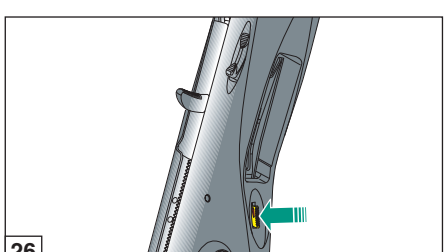
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Cartridge replacement

(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 of a new cartridge

1) Rest the stock on your hip and **open the bolt**: the cartridge in the chamber is extracted and ejected (fig. 25).
2) Load or partially load the new cartridge into the barrel **through the ejection aperture** (fig. 24), then release the bolt.

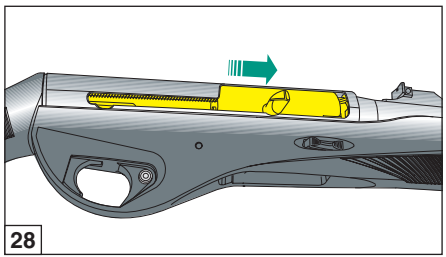
B) - using the cartridge drop lever

1) Rest the stock on your hip, **press the cartridge drop lever** (fig. 26) and open the **bolt**: the cartridge in the chamber is extracted and ejected (fig. 25).
2) **Leave the cocking lever free**: this allows a cartridge to rapidly pass from the **magazine tube to the chamber**.
3) Turn the firearm over and, **pushing the carrier downwards and rearwards, press and at the same time pull the rear part** of the cartridge stop latch back (fig. 29).
4) The cartridges in the magazine will come out one at a time.

Alternatively:

1) Insert the **safety catch** (fig. 27) and manually open the **bolt**: the cartridge in the chamber is **extracted and ejected** (fig. 25).
2) **Release** the cocking lever **and bring the bolt back into a closed position** (fig. 28).
3) Turn the firearm over and, **pushing the carrier downwards** press (from the inside of the carriage) **the cartridge stop latch button** (fig. 30).
4) The cartridge will exit from the magazine, falling into your hand; the cartridge stop latch must be pressed for **each cartridge** to be removed from the magazine.

NOTE: firearm can also be unloaded by repeating the operation, as described under point B, of the chapter: **"Cartridge replacement"**.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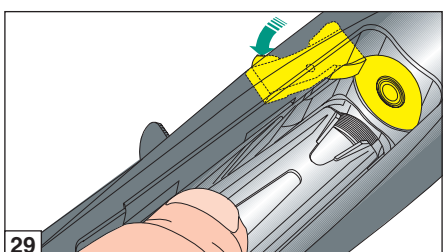
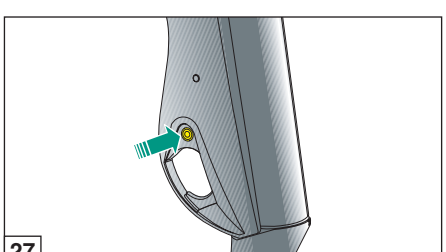

29

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 gun, proceed as follows:

1) Engage the **safety catch** (fig. 27) and manually open the **bolt**: the cartridge in the chamber is **extracted and ejected** (fig. 25).
2) **Release** the cocking lever **and bring the bolt back into a closed position** (fig. 28).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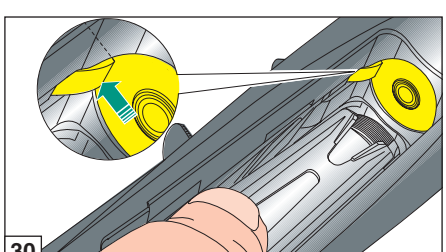

30

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 necessary, insert a cartridge following the loading instructions.
3) **Check the firing mechanism.** If necessary, clean and lubricate it.

Ammunition

The Benelli automatic shotgun uses the kinetic energy generated by the recoil to work.

Use always ammunition that is powerful enough to fully cycle the action.

NOTE: some 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

Correct functioning of the shotgun is only guaranteed with cartridges of a maximum length of **58 mm** (2" 3/4 - 70 mm chamber), **66 mm** (3" - 76 mm chamber) or **78 mm** (3" 1/2 - 89 mm chamber - for SuperVinci model only). The shotgun accepts cartridges with rolled turn-over or crimped closures, and with lead or steel shot.

Benelli recommends use of shot loaded ammunitions for ribbed barrels and balls for slug barrels.

This is not mandatory but will ensure top-notch performance.

WARNING: 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 Benelli shotgun is necessary to fire any of the ammunition listed above.

Always use ammunition that is powerful enough to fully cycle the action (see "Technical Description" paragraph, page 4).

All Benelli shotguns are subjected to a 1370 bar burst test at the Italian National Proof House in Gardone Valtrompia (Brescia).

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 Benelli Automatic Shotgun **requires no** special maintenance.

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 this by periodical cleaning or lubrication;
3) the **bolt assembly** may also become clogged with the same material and 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.

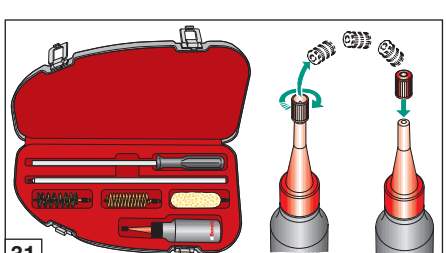
NB: all barrels are internally **chrome** plated.

NOTE: for maintenance of the choke and relative seat, carefully read the instructions in the "Internal choke" paragraph, page 20.

For a proper maintenance of your firearm, **use Benelli cleaning kit** *(not supplied).*

Benelli oil is recommended for lubricating and protecting mechanical parts (receiver, bolt and barrel) (fig. 31).

Benelli recommends use of specific products for cleaning other parts (wooden, technopolymer 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.**


31

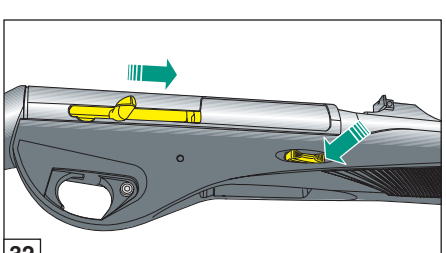
Shotgun stripping

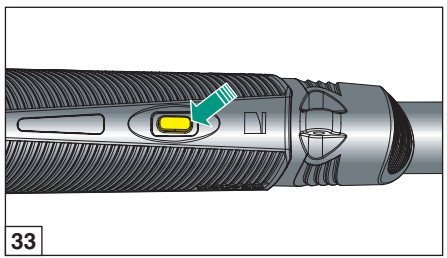
(for cleaning and maintenance)

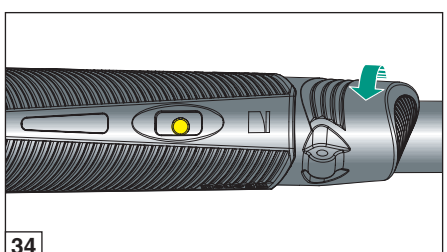
Before starting any operation on your shotgun, make sure that the chamber and the magazine tube are unloaded!
(Carefully read the instructions on gun loading and unloading).

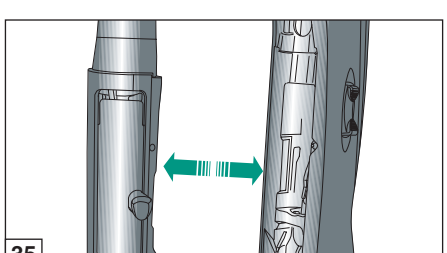
Disassembly procedure

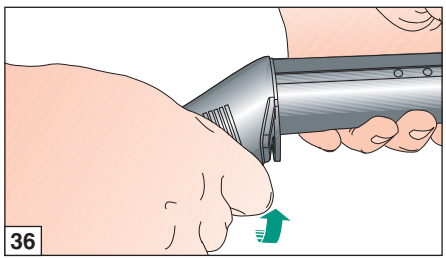
1) Close the bolt by pressing the **cartridge stop latch** (fig. 32).
2) Press the **assembly/disassembly button** (fig. 33) and rotate the magazine tube plug **counter clockwise** (fig. 34).
3) Now the gun carriage can slide forward, detaching itself from the barrel (fig. 35).
4) Forcefully rotate the stock **counter clockwise 90°** (fig. 36) and separate it from the barrel (fig. 37).
5) Push the **bolt stop** (fig. 6) downwards using your thumb to unlock the upper fin and pull the bolt back to stroke-end (fig. 7).
6) Extract the **cocking lever** (fig. 38), then slide the bolt from the barrel (fig. 39).

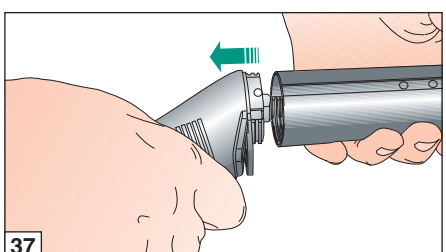


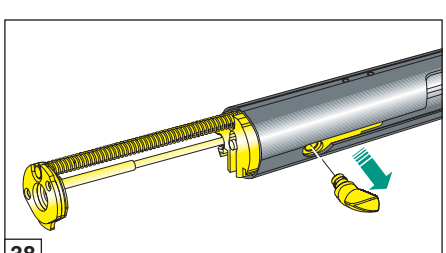












7) Slide the **firing pin retaining pin** from the bolt, being sure to **hold back the firing pin with its spring** (fig. 40).

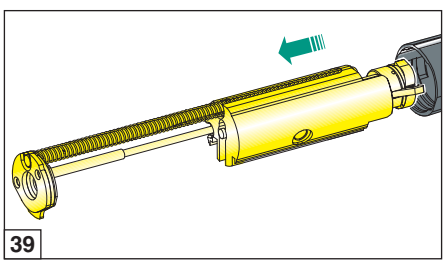
8) Extract the **firing pin with its relative spring** (fig. 41).

9) Remove the **locking head rotating pin** (fig. 42).

10) Slide out the **locking head** (fig. 43).

11) Remove the **inertia spring** from its lodging (fig. 44).

12) Insert the **safety catch** (fig. 45), then extract the **trigger guard fixing pin** from the gun carriage, using the point of the firing pin or a suitable awl (fig. 46).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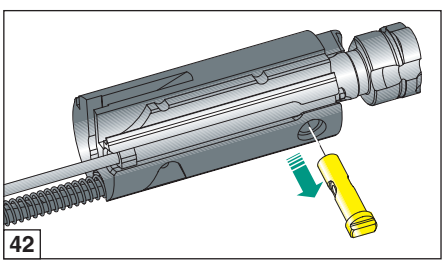
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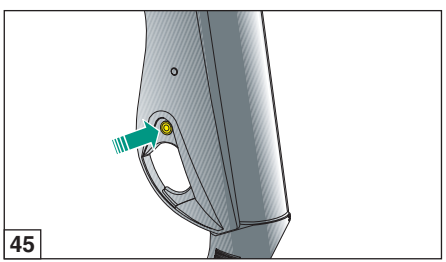
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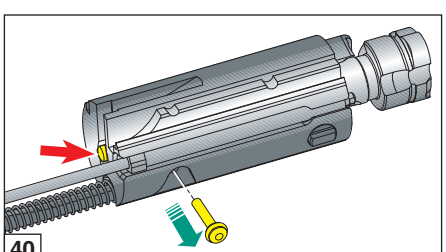
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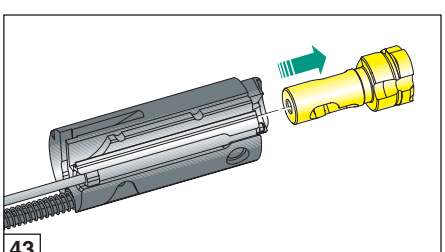
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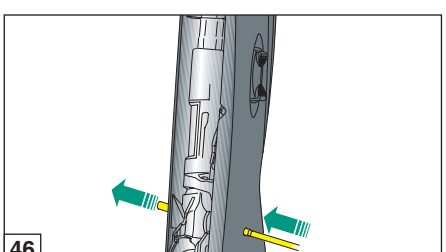
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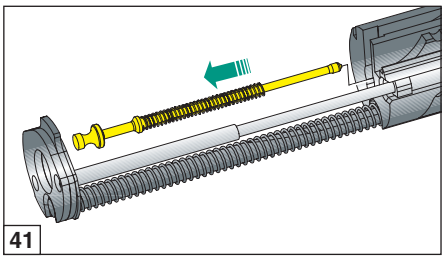
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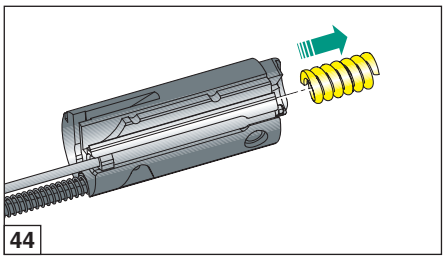

44

13) Press the **cartridge stop latch button** (fig. 47) and rotate the trigger guard assembly upwards, until it has been extracted from the gun carriage.

14) Rotate the magazine cap **clockwise**, until the assembly/disassembly button is positioned **as illustrated in fig. 48**.

15) **Push the assembly/disassembly button all the way down** and slide the magazine tube forward, **without rotating it** (fig. 49), until it has been completely extracted (fig. 50).

WARNING: for markets where - by law - the magazine must be fixed, the magazine tube module cannot be separated from the carriage.

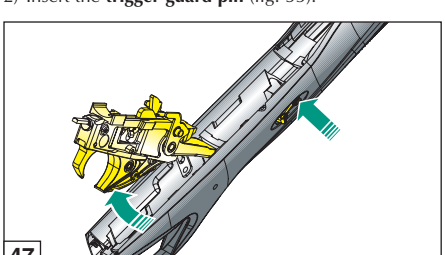
The gun is completely disassembled: the parts subject to checking and cleaning are all separated.

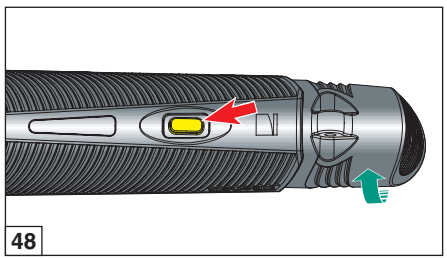
Shotgun assembly

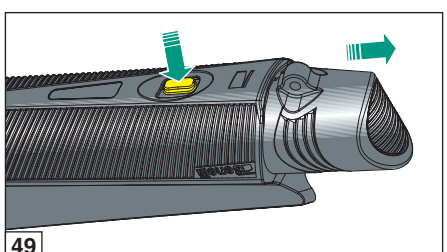
To correctly assembly the gun, follow the sequence of operations given below.

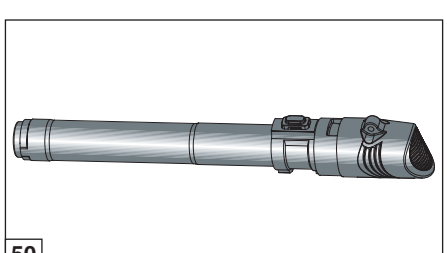
1) **Press** the cartridge stop latch button, insert the complete trigger guard into the gun carriage, with the **hammer cocked** (fig. 51), and bring it into position on the gun carriage, rotating it downwards (fig. 52).

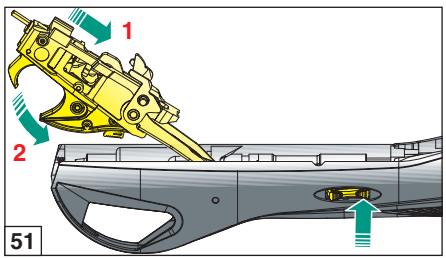
2) Insert the **trigger guard pin** (fig. 53).

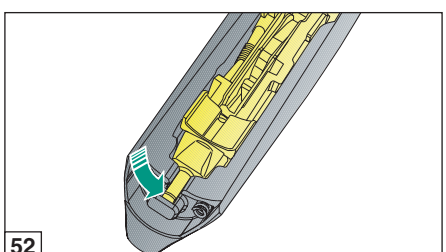


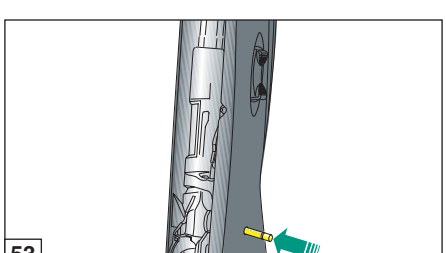












3) Insert the **magazine tube** into the gun carriage, **keeping** the assembly/disassembly button **aligned with its lodging** on the gun carriage (fig. 54), until the button is brought into the correct position (fig. 55).

WARNING: the operation described at point "3" cannot be carried out where the magazine tube module is fixed (see warning at point "15", page 13).

4) Insert the **inertia spring** into its lodging (fig. 56).

WARNING: be sure to **always** position the inertia spring **between** the locking head and the bolt, **to prevent a shot from being accidentally fired** during the closing phase.

5) Insert the **locking head** (fig. 57).

6) Insert the **locking head rotation pin** (fig. 58).

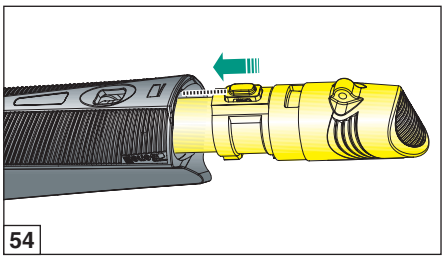
7) Insert the **firing pin complete with spring** (fig. 59) and lock into its lodging with the **firing pin retaining pin** (fig. 60).

WARNING: always check that the firing pin spring has been inserted.

8) Insert the **bolt** into the cover, making sure to **align** the cocking lever lodging slot with the **slide slot** on the cover (figs. 61-62) and then insert the **cocking lever** so that it is wedged against the bolt (fig. 63).

9) Close the bolt and keep it in this position using the cocking lever (fig. 64); push the **bolt stop** downwards using your thumb and compress the **elastic element** until the upper fin is inserted into the cover housing (fig. 65).

10) Complete assembly of the gun by repeating the sequence of instructions given for assembling the gun from the package, described in the "Assembly" section.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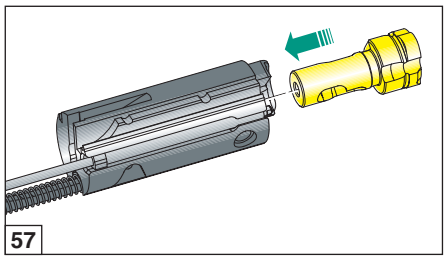
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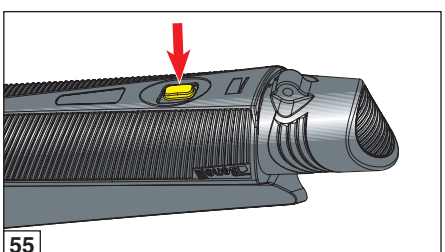
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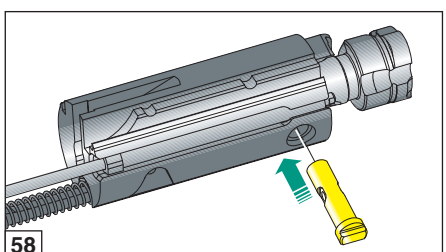
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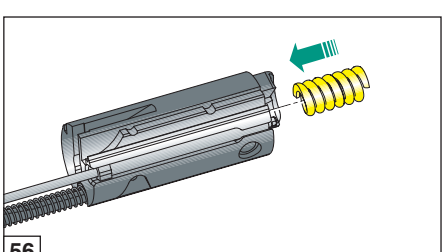
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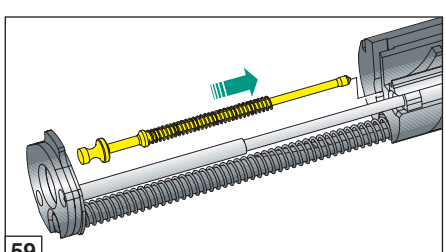
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ACCESSORIES AND ADJUSTMENTS

Drop change and gun deviation

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

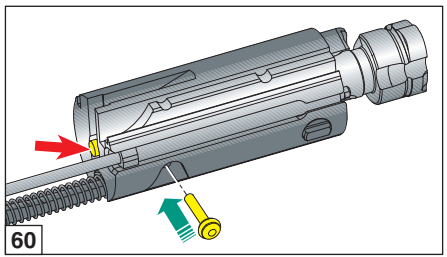
The gun is supplied with a **"drop change kit"** (fig. 66) which enables you to adjust the standard drop the shotgun is supplied with. The kit consists of **3 plates** in steel for drop change and gun deviation.

The plate **is marked** only on the side indicating the right deviation. The plate without marking indicates the left deviation.

Decide whether the stock drop perfectly adapts to your body, or whether the stock is too low or too high.

DROP CHANGE SCHEDULE	
Drop-deviation shim (steel) / Reference letter	Drop value at heel (mm)
Z	50 ± 1 DX
	50 ± 1 SX
A	55 ± 1 DX
	55 ± 1 SX
B	60 ± 1 DX
	60 ± 1 SX
C	65 ± 1 DX
	65 ± 1 SX

DX = Right
SX = Left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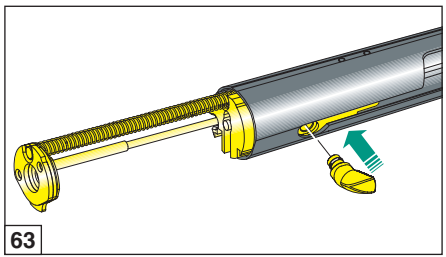
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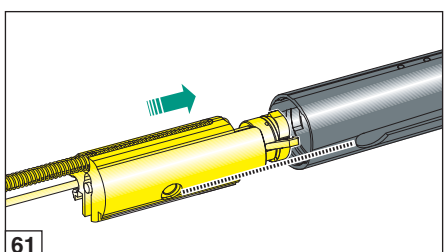
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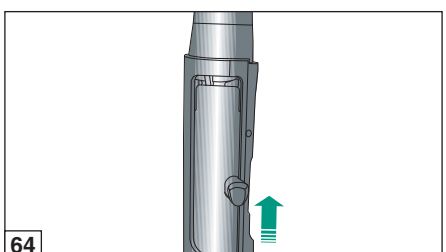
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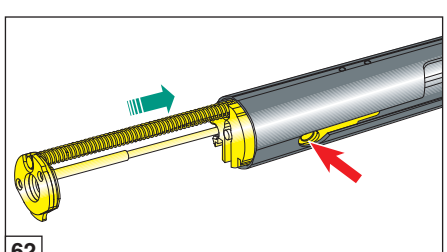
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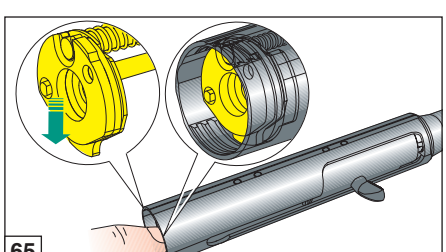

65

Replacement procedure

1) Unscrew the **spring cap** on the stock Module (13 mm key) (fig. 67) to separate the **stock lock ring nut unit** from the stock (fig. 68).
2) Slide the **drop-deviation plate** out from its lodging on the stock (fig. 69) and replace it with the chosen plate, **checking** that the visible side is **marked** with the desired drop-deviation. The right deviation is marked on the plate, the left one is not marked (fig. 70).
3) Assemble the **stock lock ring nut unit** with the spring cap **turned towards the outside** (fig. 71) and check that the unit is **well centered** over the plate slot; then screw the cap down to the stop (13 mm key).

WARNING: it has been correctly assembled **only** if the stock lock ring nut unit and the plate **totally adhere to each other** (fig. 72).

Magazine tube Modules

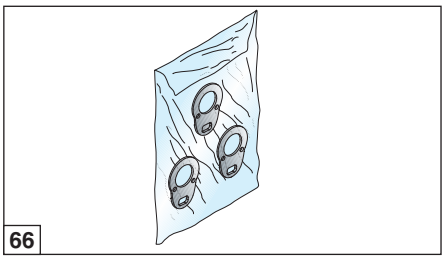
The following interchangeable magazine tube Modules are available to increase the gun's magazine capacity.

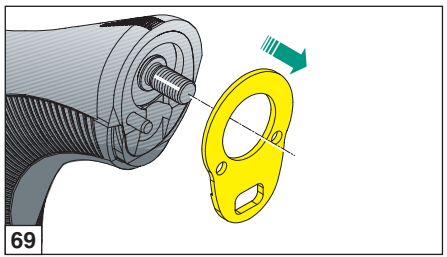
For the M515-M640 Modules, the kit also includes a barrel-magazine tube Module joint ring assembly (fig. 73).

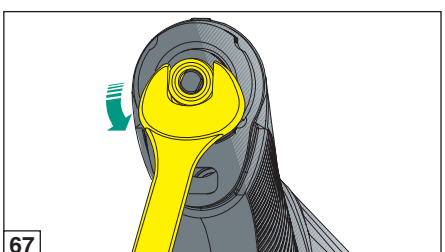
To replace the magazine tube Module, see the gun assembly/disassembly instructions.

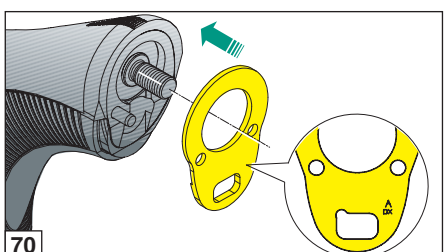
If M515-M640 magazine tubes are mounted, mount the barrel-magazine tube Module joint ring, tightening the fixing screw.

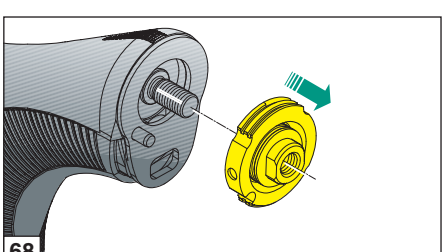
WARNING: to use **magazine tube modules** that **protrude** from the barrel's muzzle, it is necessary to make sure to use cartridges with such an energy **to complete the combustion inside the barrel**, to prevent firing heat and gas from damaging the components.











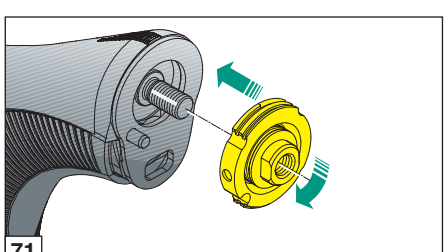


TABLE OF MAGAZINE TUBE MODULES				
Denomination	Cartridge capacity with limiter mounted		Cartridge capacity without limiter mounted	
The number of the denomination indicates the total length of the magazine tube Module in mm	3″ - 76 mm cartridges	3.5″ - 89 mm cartridges	3″ - 76 mm cartridges	3.5″ - 89 mm cartridges
M245*	2			
M265**	2	2	3	2
M395**	2	2	4◆	4
M515**	2	2	6◆	5
M640**	2	2	8◆	7

◆ **Using 2 3/4″ (70 mm) cartridges, the capacity of the indicated magazine tube modules increases by one cartridge.**

* **Fixed 2-rounds limiter - Fixed**

** **WARNING: the above-described magazine tube modules cannot be used on guns destined for markets where - by law - the magazine must be fixed to the carriage.**

Cleaning the magazine tube Modules

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).

WARNING

The operations described below must be executed carefully to prevent the magazine tube spring from being released at high speed.

Always wear protective eyeglasses during these operations.

If the magazine tube spring is released at high speed, it may hit the eyes or other parts of the face causing serious injury.

Use the same care for reassembly.

The magazine tube Modules may be equipped with a shot limiter to reduce its capacity in compliance with the laws in force.

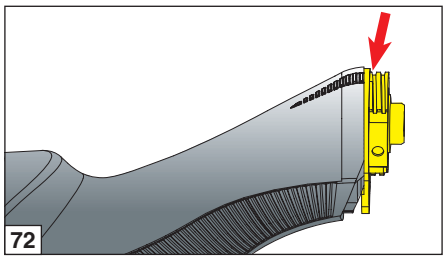
To clean the magazine tube Modules, proceed as follows:

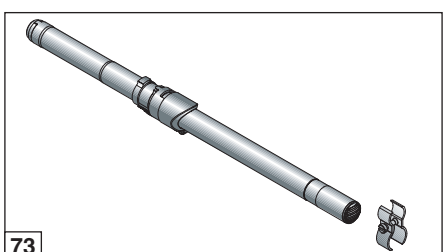
1) If the magazine tube Module is mounted on the gun, **with the gun unloaded** and the barrel pointing upwards, repeat the operations for disassembly the magazine tube Module given on “Shotgun stripping” section.

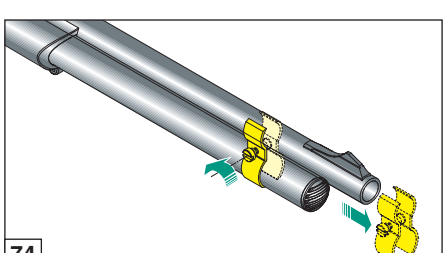
NOTE: for **M515-M640 Magazine Tube** Modules, loosen the screw of the barrel-magazine tube Module joint ring (fig. 74), before proceeding as indicated above.

2) In guns with a **fixed** magazine tube, cleaning must be carried out with the **tube assembled,** as follows: press the button and move the magazine tube module forward until the plug fixing screw is revealed (fig. 75).

3) Loosen the screw on the magazine tube plug using a **2.5 mm** hexagonal key, holding the plug so that it is not pushed out by the magazine tube spring (fig. 76). In guns with a **fixed** magazine tube module, the plug fixing screw is positioned on the lower side (fig. 75).







NOTE: for **M395-M515-M640 Magazine Tube** Modules, directly loosen the magazine tube plug by using a coin (or a screwdriver), holding the plug so that it is not pushed out by the magazine tube spring (fig. 77).

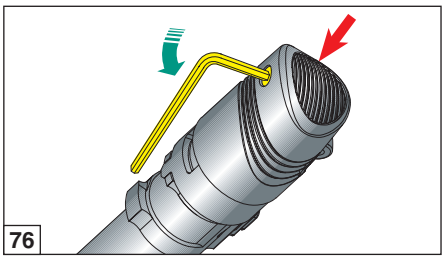
4) Remove the plug and the limiter (if present), allowing then to completely exit from the magazine by the thrust received from the magazine spring (fig. 78).

5) Remove the spring and the magazine follower cap (fig. 79), proceed with cleaning the components than reassemble, making sure to fasten the magazine tube plug with its screw (fig. 80).

NOTE: for **M395-M515-M640 Magazine Tube** Modules, directly screw the magazine tube plug (fig. 81) down to the stop.

6) Proceed with assembling the magazine tube Module on the gun as illustrated on “Assembly” section and “Assembling the gun” section.
After cleaning guns with a **fixed** magazine tube module, return the module to its **position in the carriage.**

NOTE: for **M515-M640 Magazine Tube** Modules, proceed by inserting and removing the screw of the barrel-magazine tube joint ring (fig. 82).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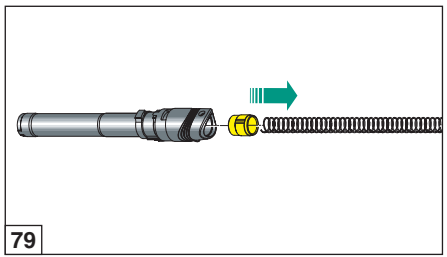
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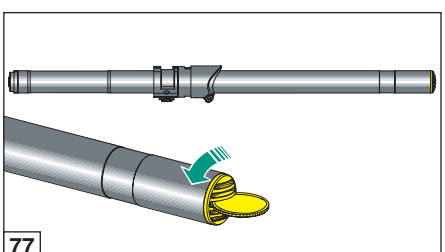
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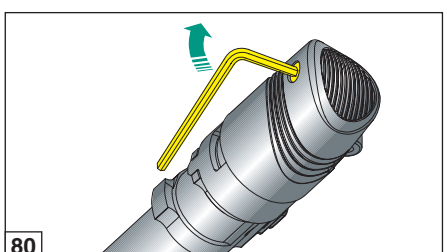
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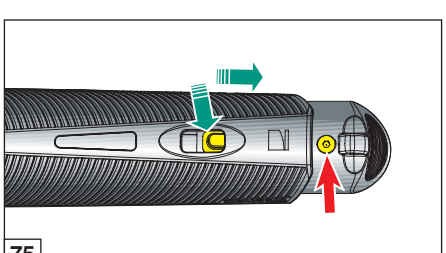
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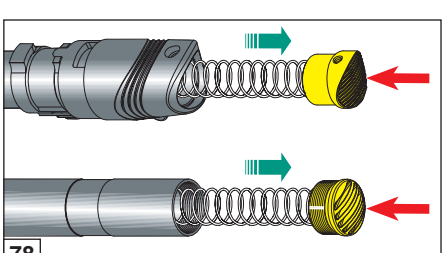
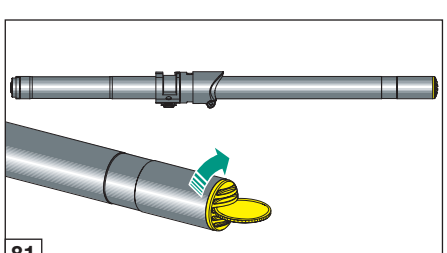

78


81

Assembly and disassembly of the limiter for M395 magazine tube Module fittable with extension

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).

WARNING

The operations described below must be executed carefully to prevent the magazine tube spring from being released at high speed.

Always wear protective eyeglasses during these operations.

If the magazine tube spring is released at high speed, it may hit the eyes or other parts of the face causing serious injury.

Use the same care for reassembly.

To **disassemble** the limiter from the magazine tube Module, follow these steps (figs. 83-84).

1) With the shotgun unloaded and barrel pointing upward, disassemble the magazine tube Module from the carriage, as shown on page 13 (figs. 48-49). Then completely unscrew the **end plug from the magazine tube Module.**
2) Using adequate pliers, remove **the spring retaining ring.**
3) Carefully remove the **limiter** and the spring retaining plug as well as the spring.
4) Fully reinsert **the spring** in the magazine tube Module, then lock it using **the retaining ring** by adequate pliers.
5) Mount the **end plug** of the magazine tube Module, then reassemble it on the carriage, as described on page 14 (figs. 54-55).

To **assemble** the limiter in the magazine tube Module, follow these steps:

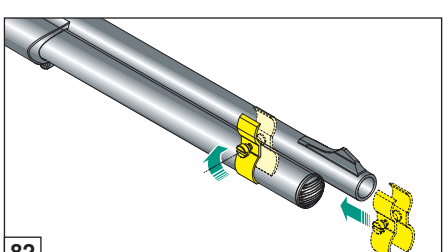
1) Follow all the steps described in points 1-2 of the "Limiter Disassembly" section.
2) Insert the limiter along with the spring retaining plug in the spring, then insert it in the magazine tube.
3) Using adequate pliers, mount the spring retaining ring.
4) Follow all the instructions described in point 5 in the "Limiter Disassembly" section.

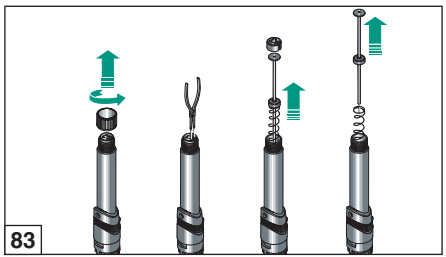
M395 Magazine Tube Module Extensions

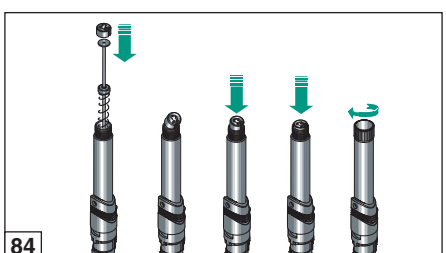
For the shotgun versions equipped with **M395 magazine tube Module** fittable with extension, **extension kits** increasing the magazine capacity are available on request.

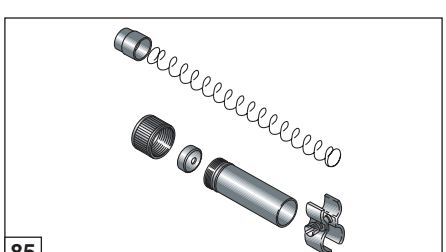
Extension Kit + 1 shot (fig. 85) + 3 shots (fig. 86)

The extension kit includes: a **locking cap for the magazine tube Module/ extension** with a pass-through hole, an **extension for the magazine tube** and a **magazine spring retaining cap,** a **magazine spring,** a **magazine follower cap** and a barrel/extension joint **ring assembly.**









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).

WARNING

The operations described below must be executed carefully to prevent the magazine tube spring from being released at high speed.

Always wear protective eyeglasses during these operations.

If the magazine tube spring is released at high speed, it may hit the eyes or other parts of the face causing serious injury.

Use the same care for reassembly.

To assemble the extension kit, follow these steps:

1) With the shotgun unloaded and barrel pointing upward, disassemble the magazine tube Module from the carriage as shown on page 13 (figs. 48-49). Then completely unscrew the **end plug from the magazine tube Module.**
2) Using adequate pliers, remove **the spring retaining ring.**
3) Carefully remove the spring and the eventual **limiter** together with spring retaining plug.
4) Replace **the spring** of the magazine tube and the **magazine follower cap** with those supplied with the kit (figs. 85-86).
5) Screw in **the extension** along with the spring retaining plug on the magazine tube.
6) Mount **the magazine tube Module** along with the extension on the carriage, as described on page 14 (figs. 54-55).
7) Mount **the barrel-extension joint ring** and screw in the locking screw (fig. 87).

NOTE: in case of an extension kit + 1 shot, the barrel-magazine joint ring must be mounted on the magazine tube, in the position shown on fig. 88.

WARNING

Do not mount magazine extensions that once assembled appear as protruding from the barrel of the gun.

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).

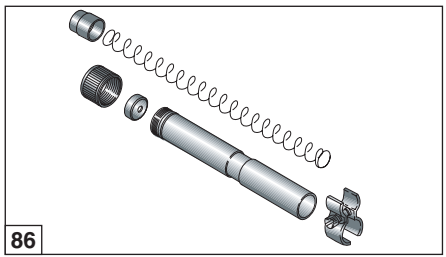
The barrels with internal chokes are equipped with various types of chokes.

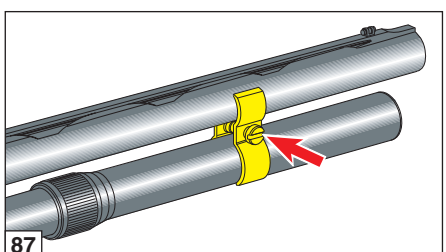
WARNING: before using the gun, make sure that the barrel has a choke correctly installed.

WARNING: the internal choke correctly mounted must not stick out of the barrel's muzzle. Use only the Benelli internal choke with 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 gun and extract it completely from the barrel seat (fig. 89).
2) If the threaded seat of the choke on the barrel **is too dirty**, clean it with the opposite side of the choke wrench.
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. 90).


86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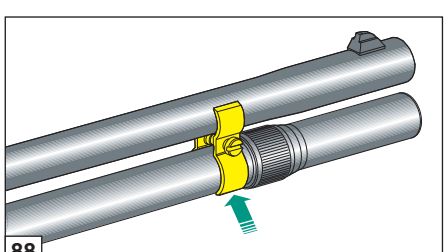

88

WARNING: 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. 91).

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

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

Benelli chokes are marked for an easy identification (fig. 92). Notches on the frontal part of each choke allow a quick recognition, even when the choke is mounted on the gun.

Notches	Choke	Symbol	Steel Shoots
I	Full	X	NO
II	Improved Modified	XX	NO
III	Modified	XXX	OK
IIII	Improved Cylinder	XXXX	OK
IIIII	Cylinder	XXXXX	OK

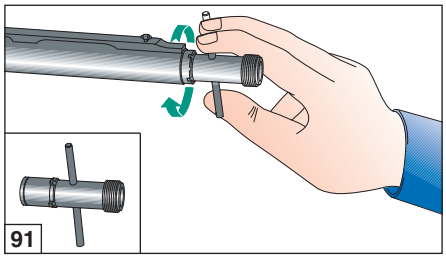
"Slug" Barrel Front Sight adjustment

For the **lateral adjustment** of the front sight, follow these steps:

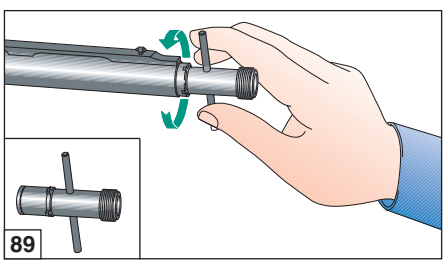
1) With the wrench provided, slightly unscrew the lateral adjustment screw of the front sight (fig. 93).
2) Adjust the front sight position in the desired direction (left if you wish to shoot towards the right; right if you wish to shoot towards the left), referring to the respective graduated alignment notches, then lock it again by screwing the adjustment screw.

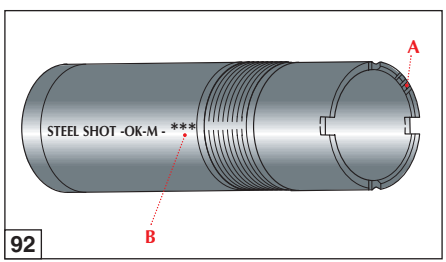
For the **vertical adjustment** of the front sight, follow these steps:

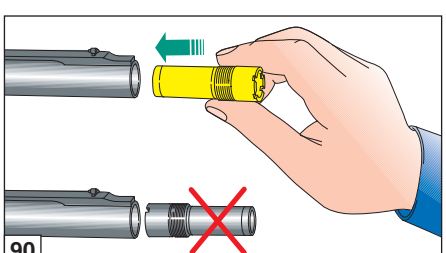
1) With the wrench provided, adjust the front sight position in the desired direction (downwards if you wish to shoot higher; upwards if you wish to shoot lower) (fig. 94).

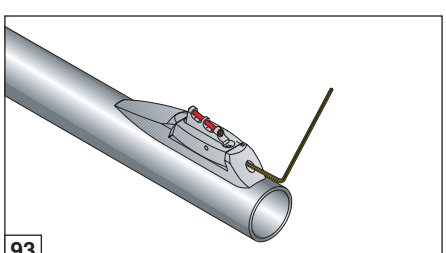


A Notches B Symbol









"Rifle Sight" Rear Sight adjustment

To adjust the **rear sight**, follow these steps:

1) Using **the special Allen wrench**, slightly unscrew the two locking screws of the rear sight (fig. 95).
2) Adjust the position of the rear sight in the desired direction and lock it again by **tightening up well** the locking screws.

"Ghost Sight" Rear Sight adjustment

To adjust the **rear sight**, follow these steps:

A - Lateral adjustment of the rear sight

By acting **on the special screw** (fig. 96), adjust the position of the rear sight in the desired direction (move the rear sight to the left if you wish to shoot more towards the left; to the right if you wish to shoot more towards the right) referring to the **respective graduated alignment notches** (fig. 97).

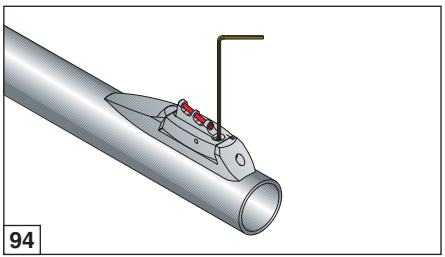
B - Vertical adjustment of the rear sight

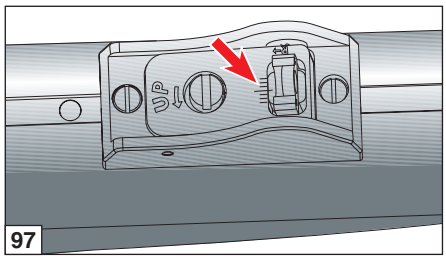
By acting **on the special screw** (fig. 98) adjust the rear sight position in the desired direction (counter clockwise "up" if you wish to shoot higher; on the opposite direction if you wish to shoot lower) referring to the **graduated alignment notches.**

Front sight replacement

Use a flat-head screwdriver to raise the end of the front sight and remove it (fig. 99).

WARNING: this option is valid only for barrels equipped with long front sight in optical fibre.


94



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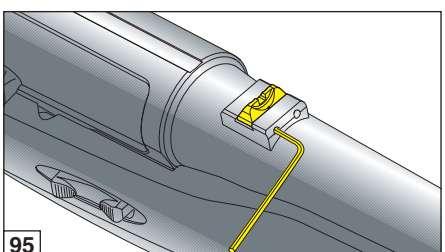
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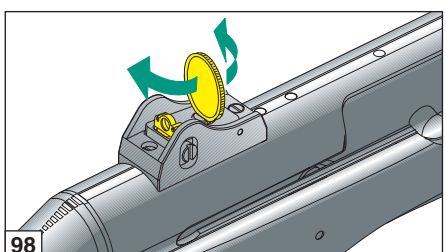
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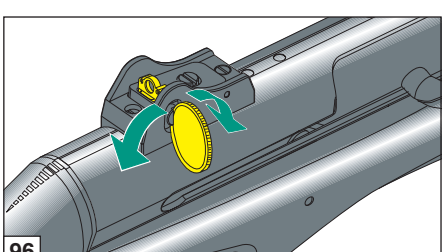
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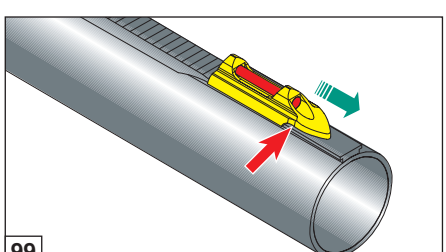
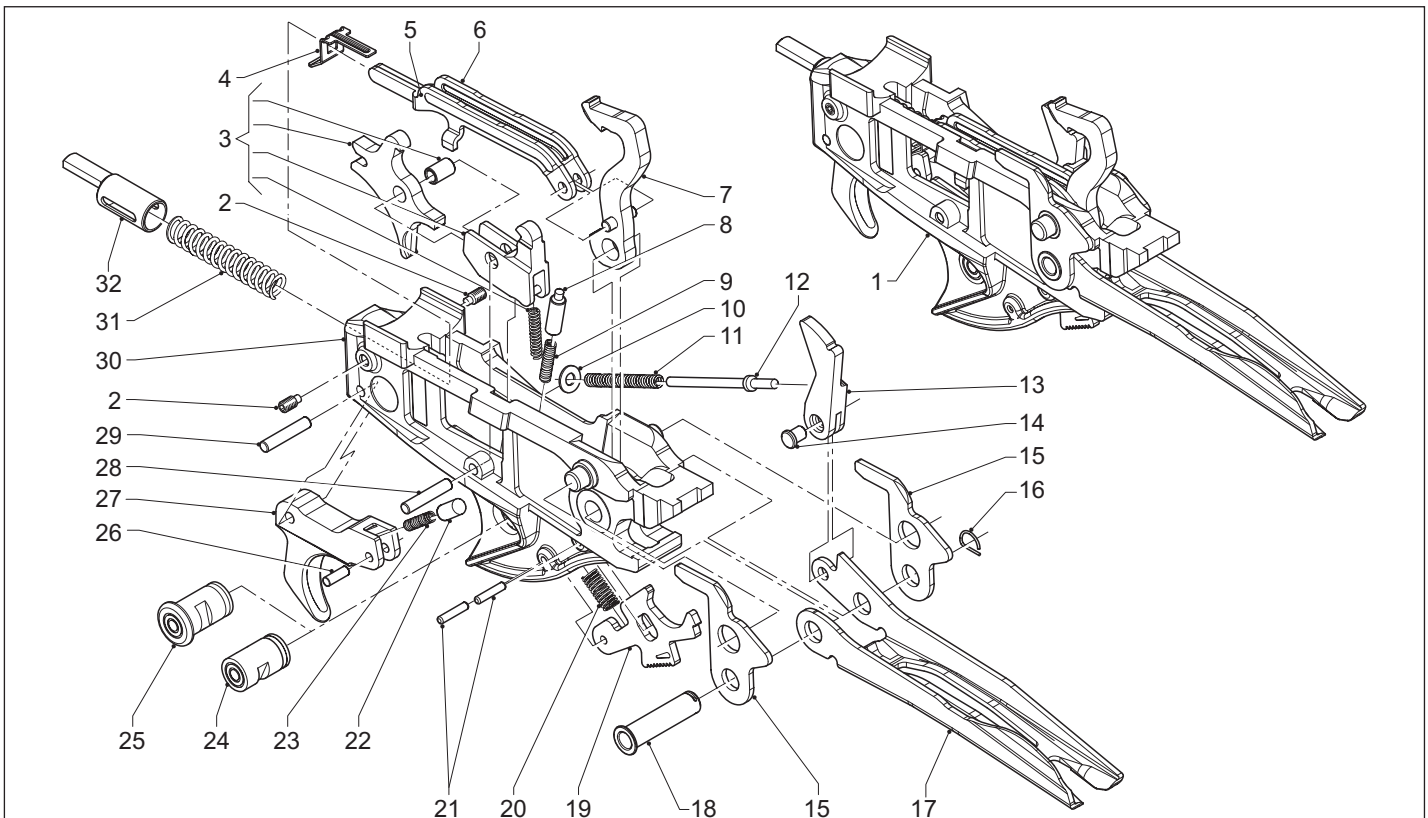

99

Spare Parts

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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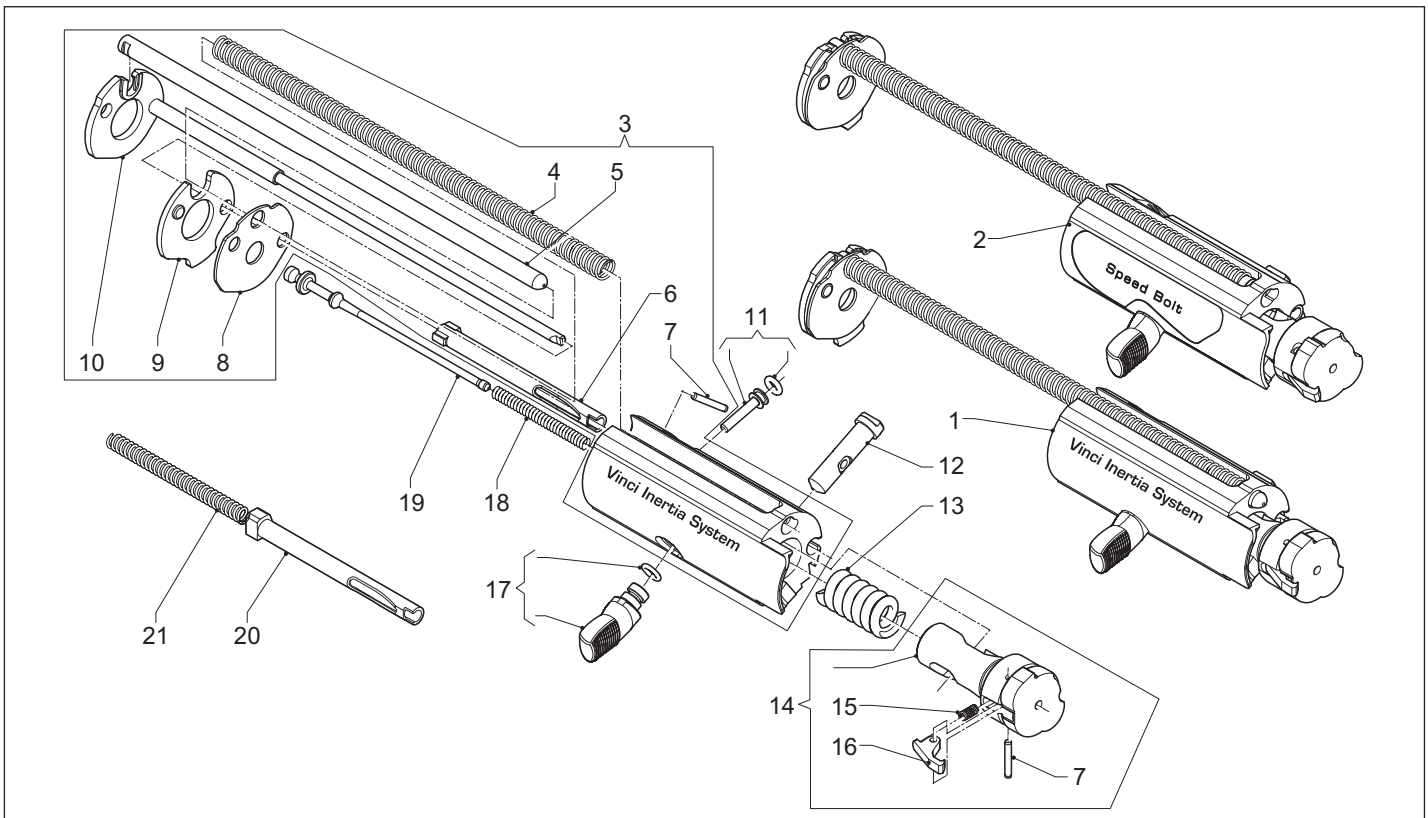
Pos. No.	Code	Description
1	001X	Trigger guard assy (Vinci)
1	S001	Trigger guard assy (SuperVinci)
2	403V	Stroke-end grub screw
3	443X	Disconnector assy
4	215V	Disconnector
5	281W	Link (R.H.)
6	444W	Link (L.H.)
7	002X	Hammer (Vinci)
7	S002	Hammer (SuperVinci)
8	008W	Pin
9	046J	Spring
10	243F	Washer
11	021J	Spring
12	022A	Pin
13	019X	Stop tooth
14	020A	Pin
15	425X	Plate
16	018A	Spring
17	017X	Carrier (Vinci)
17	S017	Carrier (SuperVinci)
18	016X	Bush
19	076X	Cartridge drop lever
20	077X	Spring
21	426X	Pin

Pos. No.	Code	Description
22	024P	Bush
23	011X	Spring
24	013V	Safety button (Vinci)
25	S013	Safety button (SuperVinci)
26	285W	Roller
27	009X	Trigger
28	010L	Pin
29	129Q	Pin
30	014X	Trigger guard
31	004X	Spring
32	003X	Cap

Drawing 2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11
10
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Speed Bolt
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Vinci Inertia System
Vinci Inertia System
12
13
19
18
17
21
20
14
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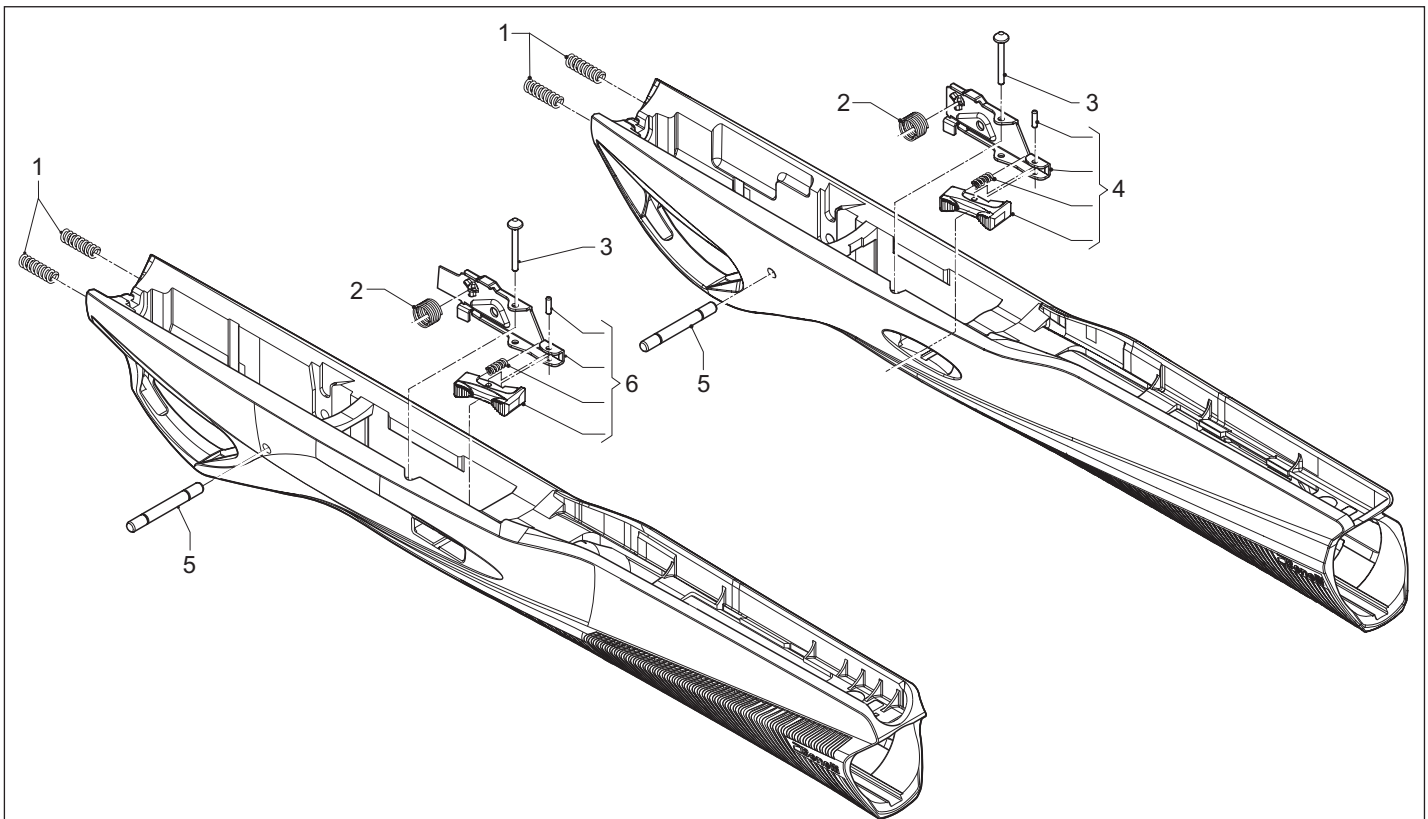
Pos. No.	Code	Description
1	024X	Bolt assy (Vinci)
1	S024	Bolt assy (SuperVinci)
2	476X	Bolt assy (Vinci SuperSport-Cordoba)
3	026X	Bolt assy, partial (Vinci)
3	S026	Bolt assy, partial (SuperVinci)
3	475X	Bolt assy, partial (Vinci SuperSport-Cordoba)
4	100X	Spring
5	438X	Pin (Vinci)
5	S438	Pin (SuperVinci)
6	168X	Ejector frame (Vinci)
7	035X	Extractor pin
8	439X	Plate
9	440X	Stroke-end rubber insert
10	441X	Head guide pin assy (Vinci)
10	S441	Head guide pin assy (SuperVinci)
11	028A	Pin
12	031X	Pin
13	036A	Spring
14	165X	Locking head assy
15	033J	Spring
16	034A	Extractor
17	030X	Bolt handle
18	037A	Spring
19	025X	Firing pin (Vinci)

Pos. No.	Code	Description
19	S025	Firing pin (SuperVinci)
20	S168	Ejector frame (SuperVinci)
21	S046	Spring

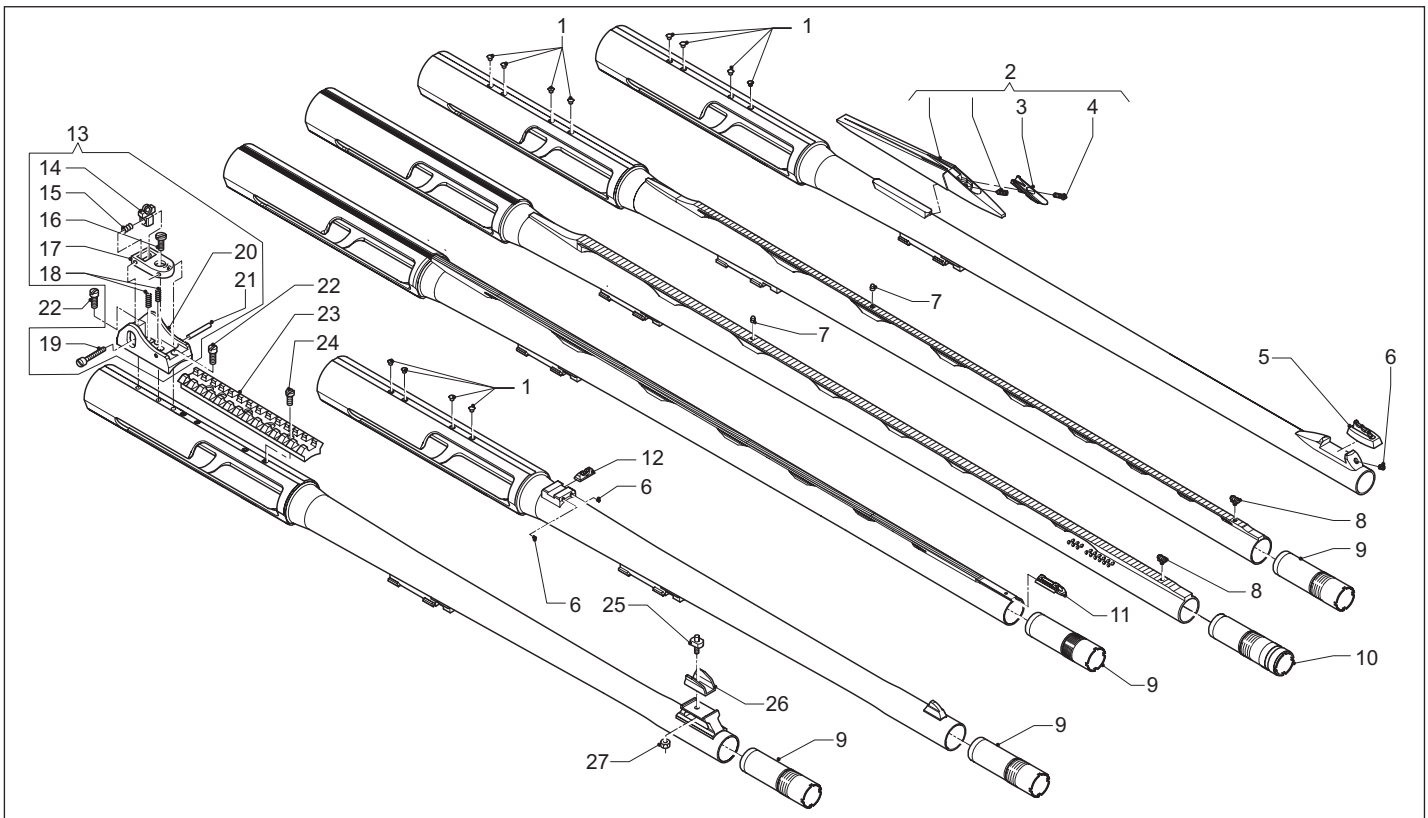
Drawing 3



Pos. No.	Code	Description
1	437X	Spring
2	058J	Spring
3	056X	Pin
4	057X	Carrier latch assy (Vinci)
5	015X	Pin
6	S057	Carrier latch assy (SuperVinci)

Pos. No.	Code	Description

Drawing 4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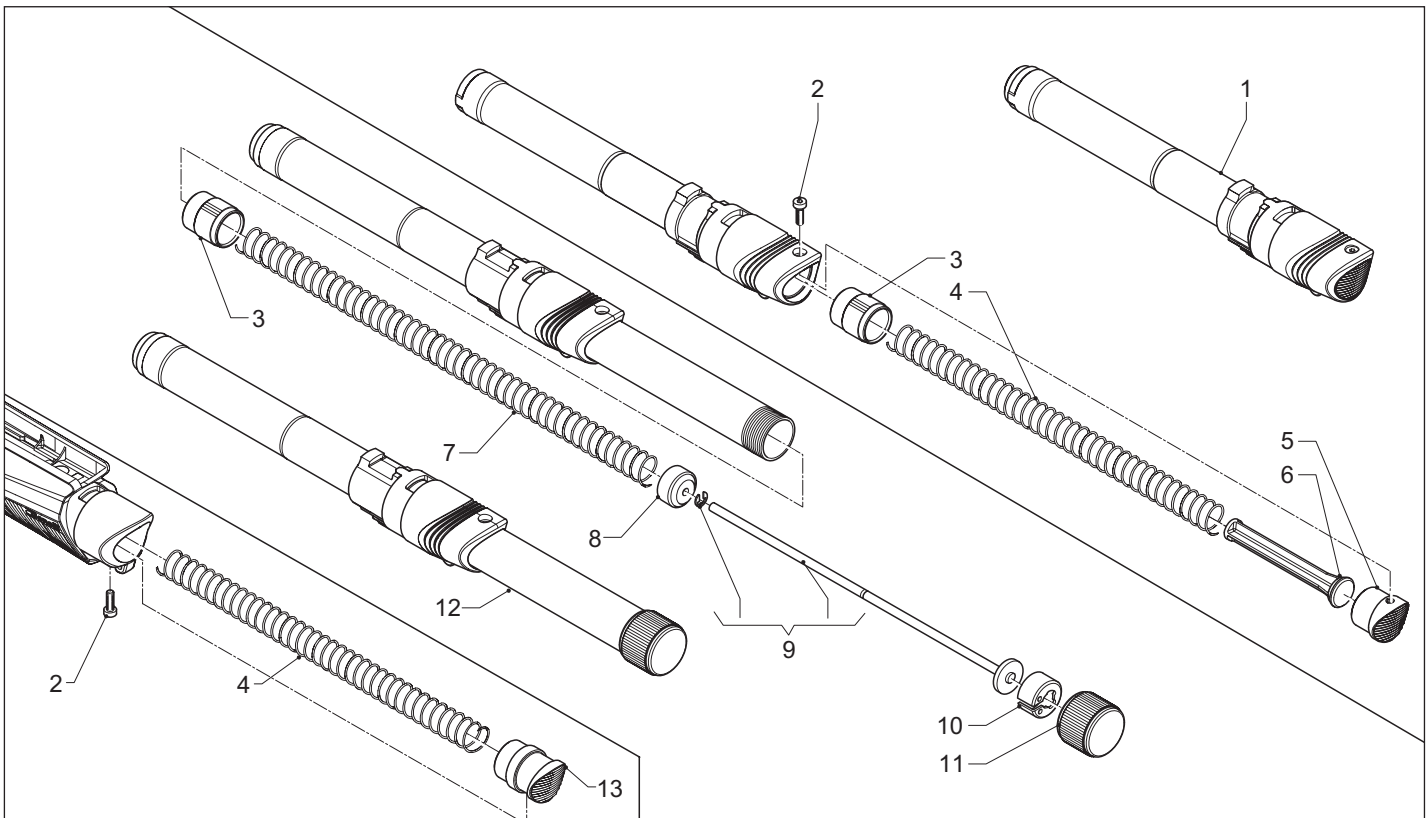
Pos. No.	Code	Description
1	294K	Cap/plug for cover holes
2	293X	Rib assy
3	469W	Fiber optic support
4	470W	Screw
5	110X	Adjustable front-sight assy
6	071A	Grub screw
7	153A	Intermediate sight
8	044X	Front sight
9	213G	Internal choke
10	213H	Internal choke knurled-end
11	447X	Front sight
12	042C	Rear sight
13	127C	Rear sight assy
14	253C	Rear sight aperture
15	258C	Spring
16	255C	Screw
17	254C	Rear sight support
18	259C	Spring
19	256C	Screw
20	126C	Rear sight protection guard
21	257C	Pin
22	128X	Screw
23	260N	Telescopic guide
24	128S	Screw

Pos. No.	Code	Description
25	495X	Front sight
26	111F	Front sight protection guard
27	113J	Nut

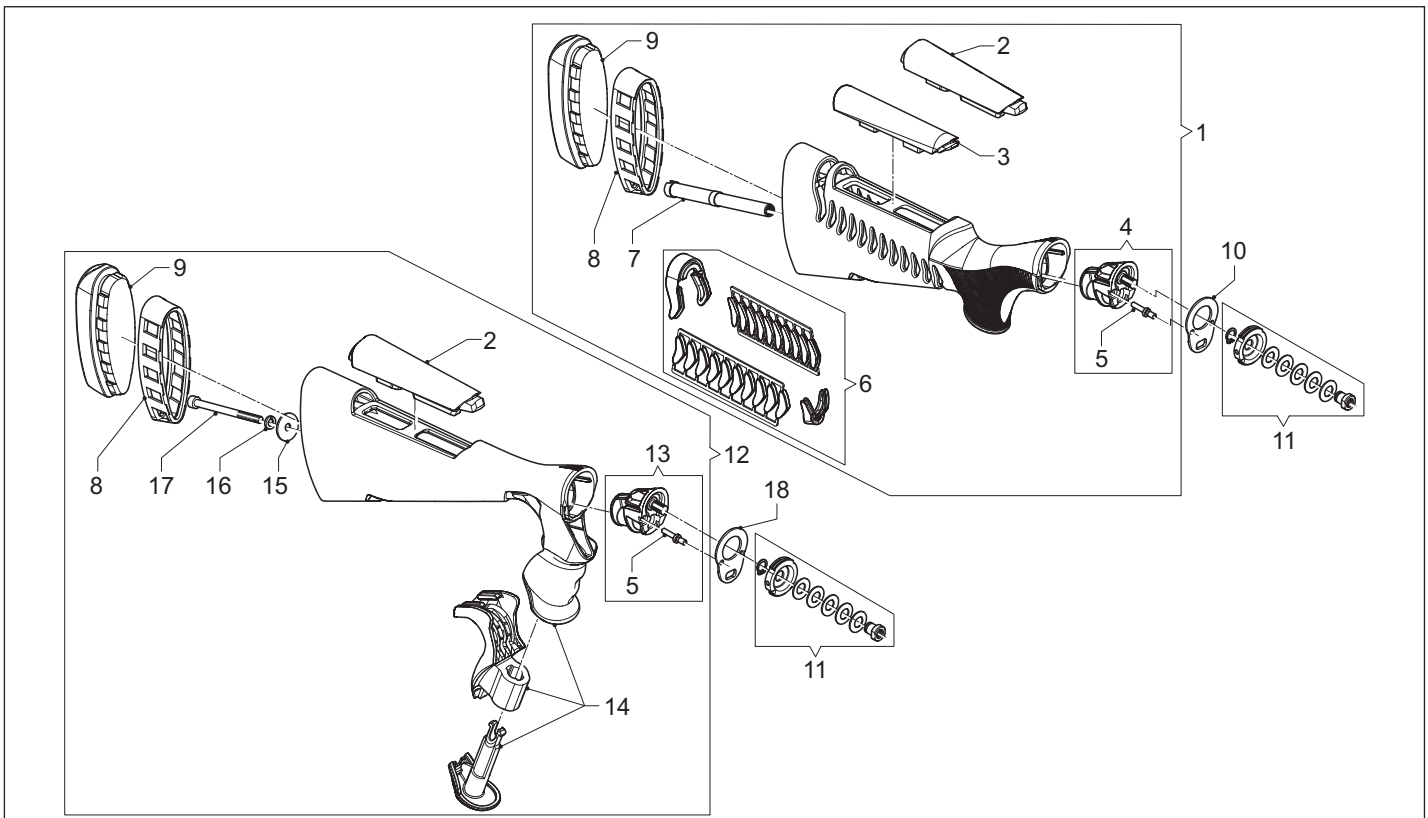
Drawing 5



Pos. No.	Code	Description
1	432X	Magazine tube, assy M265
2	433X	Screw
3	065X	Follower
4	064D	Spring
5	068X	Magazine tube plug M265
6	158X	Shot plug (three rounds)
7	064A	Spring
8	068C	Magazine tube plug
9	085X	Shot plug (three rounds) assy
10	132G	Seal ring
11	477X	Magazine tube plug
12	479X	Magazine tube, assy M395
13	448X	Magazine tube plug M245

Pos. No.	Code	Description

Drawing 6



Pos. No.	Code	Description
1	388X	Stock assy, Comfort mm 360 (R.H.)
1	431X	Stock assy, Comfort mm 360 (L.H.)
1	474X	Stock assy, Comfort mm 360 (R.H.) medium comb
2	457X	Medium comb
3	380X	Comb
4	429X	Front spacer Comfort stock assy
5	473X	Pin
6	379X	Chevrons assy
7	428X	Tension rod
8	445G	Ring
9	387X	Butt plate (R.H.)
9	430X	Butt plate (L.H.)
10	147X	Drop change plate, deviation 50
10	147X	Drop change plate, deviation 55
10	147X	Drop change plate, deviation 60
10	147X	Drop change plate, deviation 65
11	427X	Stock locking ring nut assy
12	160X	Stock assy, Pistol Grip mm 360 (R.H.)
12	460X	Stock assy, Pistol Grip mm 360 (L.H.)
13	458X	Front insert assy Pistol Grip
14	459X	Partial stock assy, Pistol Grip
15	052X	Washer
16	461X	Washer
17	053X	Screw

Pos. No.	Code	Description
18	456X	Pistol Grip stock front plate