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## **Introduction**

All firearms are potentially dangerous and lethal and are sold without any responsibility for their illegal or negligent use.

Vincenzo Bernardelli is not responsible for malfunctioning, physical injury or property damages resulting in whole or in part from (1) criminal/improper use of the firearm, (2) improper handling, (3) unauthorized modification, (4) use of improper hand ammunition, improper loading, use of remanufactured ammunition, (5) customer's negligence or (6) other influences out of the manufacturer's direct and immediate control.

## **Safety rules**

Firearms can cause incidents very rarely. Such accidents can be caused by the wrong use of the firearm or by not following the safety rules. Each person must read the entire manual very carefully before using the firearm. Make sure that all the people who have access to the firearm read and understand the present manual before using the firearm, including those who are not familiar with it.

Here are the rules for a proper use of a firearm:

- 1) **READ CAREFULLY THE INSTRUCTION MANUAL, SAFETY RULES AND HANDLING SAFETY DEVICES BEFORE USE. IF YOU ARE NOT SURE, CONSULT AN EXPERT IN FIREARMS.**  
Incidents can be avoided by knowing and applying all the safety rules included in this manual.
- 2) **NEVER POINT THE MUZZLE OF THE FIREARM AT YOUR BODY, PERSON OR SOMETHING YOU DO NOT WANT TO HIT.**  
This is very important while loading or unloading the firearm.
- 3) **ALWAYS HANDLE THE FIREARM AS IF LOADED.**  
Never consider the firearm unloaded without being sure of its empty chamber.
- 4) **STORE THE FIREARM IN A WAY THAT CHILDREN OR INEXPERT PEOPLE CANNOT GET TO IT.**  
It is your responsibility to make sure children under 18 years of age or other unauthorized people cannot have access to your firearm. In order to reduce such a risk, unload your firearm, lock and store it separately from live ammunitions.
- 5) **MAINTAIN YOUR FIREARM IN A PROPER WAY**  
Clean and oil your firearm after use and periodically. Such a proceeding will maintain your firearm efficient and prevent it from any corrosion. Make sure that the barrel is free from any obstruction before loading.

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- 6) **USE OF PROPER AMMUNITION ONLY.**  
Use only ammunition of the proper calibre marked on the barrel. Use only factory loaded ammunition manufactured according to CIP specifications (Europe and rest of the world) or SAAMI (U.S.A.) The use of reloaded or remanufactured ammunition can damage your firearm and injury you and people nearby. In this case you are the only responsible person.
  - 7) **NEVER TRANSPORT A LOADED FIREARM.**  
Before carrying your firearm into a vehicle or introducing it into your house be sure it is unloaded by checking that the chamber and the magazine tube are empty.
  - 8) **AVOID ALCOHOLIC DRINKS, DRUGS AND MEDICINES THAT CAN REDUCE YOUR REACTIONS OR JUDGMENT.**  
Do not handle the firearm if you are not sure of your efficiency. The use of the above mentioned substances reduces your reaction times.
  - 9) **USE OF PROTECTIVE GLASSES AND EARPLUGS WHILE SHOOTING.**  
Gunpowder or metal fragments can sometimes blow back and injure the shooter. This event might cause a severe injury including the loss of eyesight. Always wear glasses and earplugs to reduce possible damages.
  - 10) **NEVER FIRE AT WATER OR HARD SURFACES.**  
Firing at water surface or other hard materials increases the possibility of a bullet or shot fragmentation hitting undesired target.
  - 11) **DO NOT CLIMB TREES, FENCES OR DITCHES WITH A LOADED FIREARM.**  
Make sure your firearm is unloaded before climbing a tree or a fence or jumping over a ditch. Never use the firearm to pull or push things or people.
  - 12) **WASH YOUR HANDS AFTER USING YOUR FIREARM.**  
The use of the firearm puts the shooter in contact with lead residual, accumulation of impurities and protective oils that could damage your health. After using the firearm, remember to wash your hands and clean yourself.

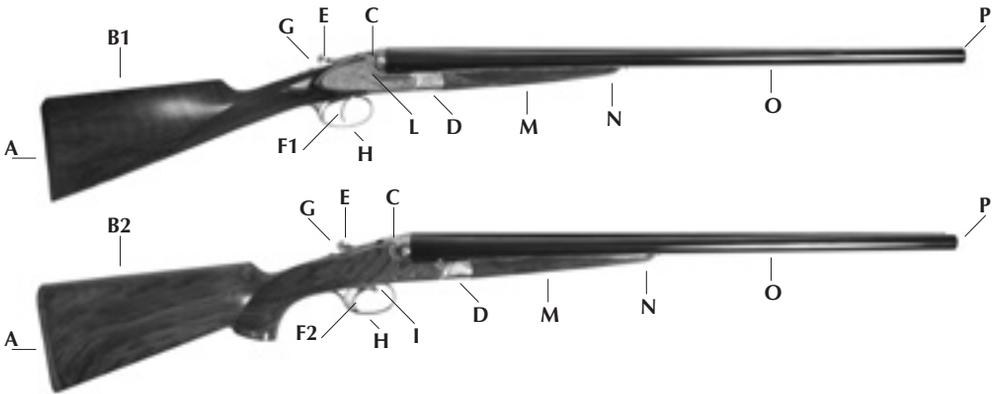
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## Description of the gun

The Bernardelli side by side is manufactured in 12-20 ga. with or without automatic ejectors, single selective or double trigger and with or without side plates, **Pistol** or **English stock** style and **Long** or **Short fore arm** beaver or semi beaver tail. **Barrels are made in different lengths with fixed choke.**

Interchangeable chokes are available only in 20 ga.

Here under you will find the terminology related to the two different types:



- |    |                          |   |                          |
|----|--------------------------|---|--------------------------|
| A  | Butt stock               | G | Manual safety            |
| B1 | English Stock            | H | Hand guard               |
| B2 | Pistol Stock             | I | Single selective trigger |
| C  | Body                     | L | Lateral side locks       |
| D  | Fore arm iron            | M | Fore arm                 |
| E  | Top lever                | N | Fore arm push button     |
| F1 | Double trigger           | O | Barrels                  |
| F2 | Selective single trigger | P | Front sight              |

## Gun's safety

Before using the firearm it is necessary to exercise with the **Safety**. Remember that the firearm must be unloaded. The gun is on safety when the hand safety is back and the letter **S** (fig. 1) is visible. In this position the gun doesn't fire. The gun is firing when the letter **S** (fig. 2) is not visible.

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## Gun reassembly

The Bernardelli side by side is delivered in a gun case. The **Barrels/ Fore arm/ Iron fore arm** are separated from the **Stock** and the **Body**. Before assembling the gun check that the chamber of the **Barrels** is empty then proceed to assemble the firearm following this sequence:

- 1) Pushing the **Fore arm release button** separate the **Fore arm/ Iron fore arm** group from the **Barrels** (fig. 3). Do not assemble **Barrels** to **Body** with **Fore arm** looked to the barrels.
- 2) Push the **Top lever** to the right (fig. 4) and keep it in this position.
- 3) Position the locking hooks of the **Barrels** inside the **Body** (fig. 5) and make sure that they are hooked together. A wrong position can damage these parts. Be sure that the looking hooks of the **Barrels** are well positioned matching the lateral surfaces of the **Body**.
- 4) Release the **Top lever** when the **Barrels** are locked. Now the **Top lever** will lock the **Barrels** (fig. 6).
- 5) Position the **Fore arm/ Iron fore arm** onto the **Barrels** and in the **Body** until the group is locked (fig. 7).
- 6) Now the firearm is assembled and can be loaded.

## Gun loading

- 1) Be sure that the firearm is on safety (letter **S** must be visible) if not move the **Manual safety** until the letter **S** is visible (fig. 1).
- 2) Push the **Top lever** to the right holding the **Body** with one hand and push down the **Barrels**. Now the firearm is open (fig. 8).
- 3) Check that the **Barrels** are empty.
- 4) Load the chambers with proper ammunition.
- 5) Close the firearm keeping the barrel's muzzle pointed in a safe direction. Deactivate the **Safety** until the letter **S** is not visible (fig. 2).

## Double trigger / Single selective

### Double trigger

The **First trigger** is correlated to the right barrel. The **Second** one to the left barrel (fig. 9).

### Single selective trigger.

By pulling the **Trigger** for the first time you first fire the **Barrel** that has been previously selected (see use of **Selector trigger** here under) then the other **Barrel** (fig. 10).

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## Selector of the barrels

The **Selector** is positioned in front of the **Trigger**. The system is comfortable and easy to be selected.

By pulling it to right or left (fig. 11), you can fire right or left barrel first.

## Gun Unloading

- 1) Put the **Safety** on and point the firearm in a safe direction (fig. 1).
- 2) Push the **Top lever** to the right and pull down the **Barrels** (fig. 12).
- 3) The **Automatic ejectors** will lift and eject the fired ammunitions out of the chamber (fig. 13). Extractors will lift only the fired ammunitions. Remove them by hands (fig. 14).

## Gun misfiring

The reasons why a firearm does not fire are listed here below. Read them carefully.

- 1) Primer not hit  
If the firearm does not fire by pulling the **Trigger**, keep the firearm pointed in a safe direction for 30 seconds, put the **Safety** on, move the **Top lever** to the right and open the firearm. Pull out the unfired ammunition. Handle it with care and store it in a safe place.
- 2) Under-powdered ammunition  
It is not frequent to find under-powdered ammunition if new and loaded by the manufacturer. In case of an unusual shot stop shooting because the wad or unburned powder might still be in the **Barrel**. Proceed as follows: be sure that the **Safety** is on. Unload the firearm and check that the **Barrels** are not occluded. The wad can be easily removed. If this is not possible visit an authorized dealer.

## Gun disassembly

Firearm disassembling is necessary only for a complete cleaning. Carefully follow the following instructions. Do not disassemble further. Do not repair or modify parts of the firearm. Should your firearm need to be repaired take it to an authorized dealer:

- 1) Be sure that the chambers of the **Barrels** are empty then close the firearm.
- 2) Disengage the **Fore arm group** by pulling on the **Iron fore arm button** (fig. 15).
- 3) Separate the **Fore arm/Iron fore arm group** from the **Barrels**.
- 4) Push the **Top lever** to the right and open the firearm.
- 5) Disengage the **Barrels** from the **Body** (fig. 5).

Now the **Barrels** are separated from the **Body** and from the **Fore arm group**. Do not proceed with any further disassembly. If needed, visit an authorized dealer.

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## Maintenance rules

The periodic cleaning and lubrication of the firearm is the best warranty for its correct functioning.

### WARNING:

- Be sure that the firearm is unloaded
- Use the right quantity of lubricant. Too much oil might be the cause of the malfunctioning of the firearm.
- Use only omologate products.

### BARREL CLEANING

After shooting, the **Barrel** must always be cleaned. Use the cleaning rod making sure to eliminate combustion residues and dirt particles. Clean again the **Barrel** passing an oiled patch through it.

Clean and oil the barrel's tenon. It must be always cleaned and oiled.

### CLEANING OF IRON FORE ARM AND BODY

The surface between the **Body** and the **Iron fore arm** must always be cleaned and oiled after the use of the firearm.

### MECHANISM

Do not touch neither the firing mechanisms nor the **Extractors**. These parts must be inspected only by an authorized dealer. Malfunctions can be caused by a wrong operation. In this case the warranty will expire.

### WOODEN PARTS

Wooden parts must be cleaned with a light oiled patch.

## Gun reassembly

Check that the chambers are empty and go on assembling the firearm as described in the disassembling charter but the other way around.

## Use of steel shot

Steel shots are harder than lead shots. Fire steel shots only with open fixed choke barrels (Cyl.-I.C.- Mod.) or **Barrels** with internal chokes marked " Steel Shot ". **Barrels** can be damaged if these procedures are not respected.

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## Internal chokes (only 20 ga.)

Bernardelli side by side can be manufactured, on order, with **Barrels** with **Internal chokes**. Here under are all the types of chokes. They are marked externally and also have the relative top rim notches:

AMERICAN MARKINGS	RIM NOTCHES	STANDARD MARKINGS	TENTH
Full	I	X	10/10
Improved Mod.	II	X X	8/10
Modified	III	X X X	5/10
Improved Cyl.	IIII	X X X X	3/10
Cylinder	IIIII	Cyl	1/10

Choke's assembling and disassembling must be carried out by using the choke's wrench.

- 1) Be sure that the chambers are both empty.
- 2) Be sure that the **Choke** and the barrel thread are clean and not ruined.
- 3) Screw clockwise the **Choke** by hand into the barrel and tighten the **Choke** by using the **Wrench** until it is fully inserted (fig. 16).
- 4) Do not tighten in case of difficulties. Take the firearm to an authorized dealer.
- 5) Be sure that the **Choke** is sitting completely into the **Barrel**. Do not shoot if it is not fully inserted.
- 6) Never shoot without inserted **Chokes** otherwise the barrel thread will be damaged.
- 7) Always remember to take the **Wrench** off before shooting.

## Warranty

The warranty covers any repairing due to defective material and/or workmanship with exclusion of stock/fore end group, front sight, cosmetic finishing or damages caused by the owner's negligence. The warranty period is of 36 months from final user's acquisition. The warranty is not transferable and expires by selling the firearm.

The warranty is effective only when the original purchaser of the firearm fills in and mails the certificate attached to this manual to V. Bernardelli. The warranty automatically expires in case of late activation, a fact easy to check by the manufacturer.

