

benelli m3 super 90 manual

Benelli M3 Super 90 Manual

The Benelli M3 Super 90 is a versatile and robust shotgun that has gained a reputation among enthusiasts for its innovative design and performance. Combining the features of both a semi-automatic and pump-action shotgun, the M3 Super 90 is favored by law enforcement, military personnel, and civilian sports shooters alike. This article serves as a comprehensive manual, covering the key aspects of the Benelli M3 Super 90, including its design, operation, maintenance, and troubleshooting procedures.

Overview of the Benelli M3 Super 90

The Benelli M3 Super 90 is a tactical shotgun that was first introduced in the 1990s. Its unique design incorporates a dual-action capability, allowing the shooter to switch between semi-automatic and pump-action modes. This feature makes it particularly useful in various shooting scenarios, including home defense and competitive shooting.

Key Specifications

- Action Type: Semi-automatic / Pump-action
- Gauge: 12
- Barrel Lengths: Available in various lengths, typically 14, 18.5, and 26 inches
- Capacity: 5+1 (standard) or with extended magazine tubes
- Weight: Approximately 7.5 lbs (varies by model)
- Overall Length: Varies based on barrel length but generally around 39 inches for a 26-inch barrel

Design Features

The design of the Benelli M3 Super 90 is characterized by its ergonomic grip, adjustable sights, and reliability in various conditions. Below are some of the notable features:

Inertia-Driven System

The M3 features Benelli's patented inertia-driven system, which allows for rapid cycling of the action and minimal recoil. This system operates without the need for gas ports, making it less susceptible to fouling and easier to maintain.

Dual-Action Capability

One of the standout features of the M3 is its ability to switch between semi-automatic and pump-action modes. This dual capability is achieved through a simple switch located on the rear of the receiver. In semi-automatic mode, the shotgun fires with each pull of the trigger, while in pump-action mode, the shooter manually cycles the action.

Durability and Reliability

Constructed with high-quality materials, the M3 Super 90 is built to withstand harsh environments. The shotgun features a chrome-lined barrel for improved corrosion resistance and a durable synthetic stock that offers a firm grip even in wet conditions.

Operating the Benelli M3 Super 90

Operating the M3 Super 90 is straightforward, but it is essential to familiarize oneself with its features for optimal performance.

Loading and Unloading

1. Loading the Shotgun:

- Ensure the shotgun is pointed in a safe direction and the safety is engaged.
- Open the action by pulling back the fore-end and locking it in the open position.
- Insert shells into the magazine tube, ensuring they are oriented correctly.
- Close the action by releasing the fore-end.

2. Unloading the Shotgun:

- Engage the safety and point the shotgun in a safe direction.
- Open the action to eject the chambered round.
- Release the magazine by pressing the magazine release button and remove any remaining shells.

Switching Between Modes

To switch between semi-automatic and pump-action modes:

- Locate the mode selector switch on the rear of the receiver.
- Slide the switch to the desired mode (Semi or Pump).

This simple adjustment allows the shooter to adapt to different shooting scenarios effectively.

Maintenance of the Benelli M3 Super 90

Proper maintenance is crucial for ensuring the longevity and reliability of the Benelli M3 Super 90. Regular cleaning and inspections will help prevent malfunctions.

Cleaning Procedure

1. Gather Cleaning Supplies:

- Cleaning rod and patches
- Bore brush
- Gun cleaning solvent
- Lubricating oil
- Soft cloths

2. Disassemble the Shotgun:

- Ensure the shotgun is unloaded and pointed in a safe direction.
- Remove the fore-end by pressing the release button and sliding it off.
- Remove the trigger group by pressing the release and pulling it out.
- Detach the barrel by rotating the barrel nut counterclockwise.

3. Clean the Barrel:

- Use a bore brush with cleaning solvent to scrub the inside of the barrel.
- Follow up with clean patches until they come out clean.

4. Clean the Action Components:

- Wipe down the bolt and carrier with a solvent-soaked cloth.
- Inspect for wear or damage, and lubricate moving parts lightly.

5. Reassemble the Shotgun:

- Reverse the disassembly steps, ensuring everything is secure.

Routine Inspections

Regular inspections should include:

- Checking for rust or corrosion on metal components.
- Inspecting the stock for cracks or damage.
- Ensuring the action cycles smoothly without obstruction.

It is advisable to conduct a thorough inspection after extended use or exposure to harsh conditions.

Troubleshooting Common Issues

Despite its reliability, the Benelli M3 Super 90 may encounter some common issues. Here are

potential problems and their solutions:

Failure to Feed

- Causes: Dirty magazine tube, improper shell orientation, or weak ammunition.
- Solutions: Clean the magazine tube, ensure shells are inserted correctly, and replace with quality ammunition.

Failure to Eject

- Causes: Clogged gas ports (in semi-auto mode) or worn extractor.
- Solutions: Clean the action, and if the issue persists, consider replacing the extractor.

Light Strikes or Misfires

- Causes: Worn firing pin or defective ammunition.
- Solutions: Inspect the firing pin for wear and replace if necessary. Always use reliable ammunition.

Conclusion

The Benelli M3 Super 90 is a formidable shotgun that combines advanced technology with user-friendly features. By understanding its design, operation, and maintenance, shooters can fully appreciate the versatility and reliability this firearm offers. Whether for competitive shooting, home defense, or professional use, the M3 Super 90 stands out as a top choice in the shotgun category. Proper care and attention to troubleshooting will ensure that this shotgun remains a dependable companion for years to come.

Frequently Asked Questions

What type of shotgun is the Benelli M3 Super 90?

The Benelli M3 Super 90 is a versatile semi-automatic and pump-action shotgun, known for its ability to switch between the two firing modes.

Where can I find the manual for the Benelli M3 Super 90?

The manual for the Benelli M3 Super 90 can typically be found on the official Benelli website or obtained through authorized dealers.

What is the capacity of the Benelli M3 Super 90 magazine?

The Benelli M3 Super 90 typically has a magazine capacity of 5 rounds, but this can vary based on the specific model and local regulations.

How do you switch from semi-automatic to pump-action mode on the Benelli M3 Super 90?

To switch from semi-automatic to pump-action mode on the Benelli M3 Super 90, you need to adjust the selector switch located on the receiver of the shotgun.

What are the common uses for the Benelli M3 Super 90?

The Benelli M3 Super 90 is commonly used for home defense, law enforcement, and recreational shooting, as well as competitive shooting sports.

What type of ammunition is recommended for the Benelli M3 Super 90?

The Benelli M3 Super 90 is compatible with a variety of shotgun shells, including 2 3/4-inch and 3-inch shells, but it is recommended to use high-quality, reliable brands for best performance.

Are there any specific maintenance tips for the Benelli M3 Super 90?

Regular maintenance for the Benelli M3 Super 90 includes cleaning the barrel and action, checking the magazine spring, and ensuring all moving parts are lubricated to maintain optimal performance.

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