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Makita DFN350Z

Makita DFN350Z 18GA 18V LXT Finish Nailer Instruction Manual

Introduction

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Makita DFN350Z 18GA 18V LXT Finish Nailer. Please read this manual thoroughly before using the tool to ensure proper handling and to prevent injury or damage.

Safety Instructions

General Power Tool Safety Warnings

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Power tools create sparks which may ignite the dust or fumes. Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.
- **Electrical Safety:** Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools. Unmodified plugs and matching outlets will reduce risk of electric shock. Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded. Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
- **Personal Safety:** Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury. Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries. Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed. Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired. Disconnect the plug from the power source and/or remove the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally. Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users. Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools. Keep

cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control. Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack. Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire. When battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects, that can make a connection from one terminal to another. Shorting the battery terminals together may cause burns or a fire. Under abusive conditions, liquid may be ejected from the battery; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.

Package Contents

Verify that all items are present and undamaged:

- Makita DFN350Z 18GA 18V LXT Finish Nailer (Tool Only)
- Instruction Manual

(Note: Battery and charger are sold separately.)

Setup

1. Battery Installation

Ensure the battery is fully charged before installation. Align the battery pack with the receptacle on the tool handle and slide it in until it clicks securely into place. To remove, press the release button on the battery and slide it out.



Image: The Makita DFN350Z nailer with an 18V LXT battery pack installed, held by a hand, demonstrating how it is used to fasten a baseboard to a wall.

2. Loading Nails

The DFN350Z uses 18-gauge finish nails with lengths ranging from 5/8" to 1-3/8" (15, 20, 25, 30, 35 mm).

1. Pull back the magazine pusher until it locks into place.
2. Insert a strip of nails into the magazine with the nail points facing forward.
3. Release the magazine pusher, allowing it to push the nails forward until they are seated correctly.



Image: A close-up view of the nail view window on the Makita DFN350Z, showing a strip of 18-gauge nails loaded in the magazine, allowing for quick identification of remaining nails.

3. Adjusting Depth

The tool features a tool-less depth adjustment for precise, flush, or countersink finishes.

1. Locate the depth adjustment dial near the nose of the tool.
2. Rotate the dial to increase or decrease the driving depth of the nail. Test on a scrap piece of material to achieve the desired depth.



Image: A close-up of the tool-less depth adjustment dial on the Makita DFN350Z, showing the mechanism for setting nail depth.

Operating Instructions

1. Powering On and Off

The Makita DFN350Z is activated by depressing the trigger. Ensure the battery is installed and nails are loaded before operation.

2. Firing Nails

1. Place the nose of the nailer firmly against the workpiece where you intend to drive a nail.
2. Depress the trigger to fire a nail.
3. The LED Job Light will illuminate the work area when the trigger is pulled, improving visibility.

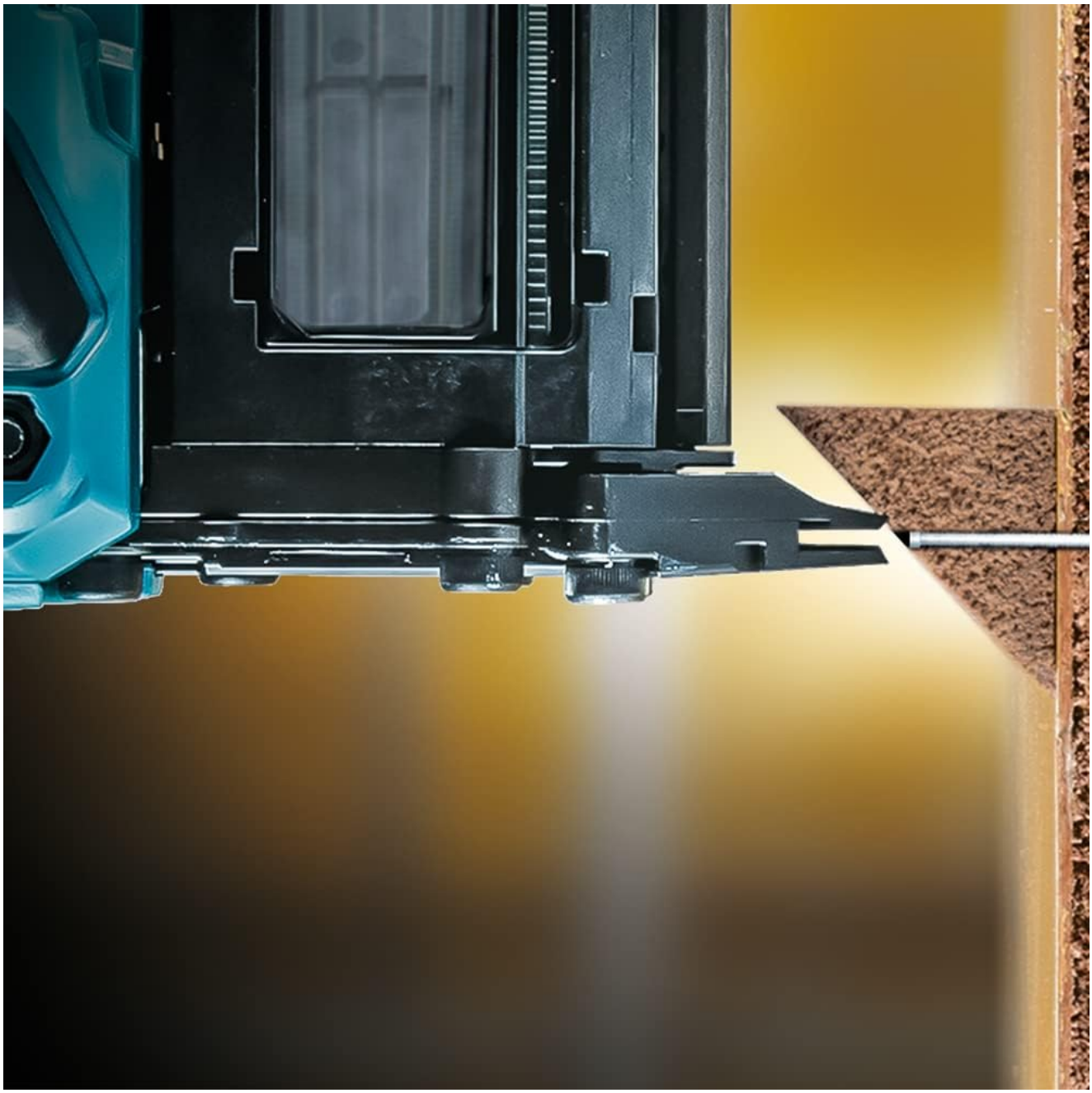


Image: The Makita DFN350Z nailer driving a nail into a piece of wood, demonstrating its operation.



Image: A close-up of the LED Job Light on the Makita DFN350Z, showing it illuminated to brighten the work area.

3. Features for Precision

- **High-Visibility Slim Nose Tip:** Designed for precise fastening in tight spaces.
- **Rubber Bumpers:** Protect the workpiece from scratches or damage during operation.



Nail Length: 5/8˝, 3/4˝, 1˝, 1-3/16˝, 1-3/8˝ (15, 20, 25, 30, 35 mm)

Image: A diagram highlighting key features of the Makita DFN350Z, including rubber bumpers, LED job light, tool-less depth adjustment, nail view window, and high-visibility slim nose tip.



Image: A close-up showing the precision nail entry point of the Makita DFN350Z, with a target graphic indicating accuracy.

Maintenance

Regular maintenance ensures optimal performance and extends the life of your tool.

- **Cleaning:** Keep the tool clean and free of dust and debris. Use a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.
- **Nose Area:** Periodically check the nose area for any nail fragments or debris that could cause jamming. Clear any obstructions carefully.
- **Battery Terminals:** Keep battery terminals clean.
- **Storage:** Store the tool in a dry, secure place, out of reach of children, and away from direct sunlight or extreme temperatures.

Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Nailer does not fire	Battery not installed or discharged; No nails loaded; Safety mechanism not engaged.	Ensure battery is fully charged and properly installed. Load nails into the magazine. Ensure the nose of the tool is firmly pressed against the workpiece.
Nails jam frequently	Incorrect nail size/type; Debris in the firing mechanism; Worn driver blade.	Use only recommended 18GA finish nails. Clear any debris from the nose and magazine. If jamming persists, contact Makita service for inspection.
Nails not driven to desired depth	Depth adjustment setting incorrect; Low battery charge.	Adjust the tool-less depth setting. Ensure the battery is fully charged.
Tool feels sluggish or lacks power	Low battery charge.	Recharge the battery.

Specifications

Feature	Detail
Model Number	DFN350Z
Power Source	18V LXT Lithium-Ion Battery (Sold Separately)
Nail Gauge	18 Gauge
Nail Length Capacity	5/8" to 1-3/8" (15 mm to 35 mm)
Material	Aluminum
Item Weight	4.69 pounds (2.13 Kilograms)
Product Dimensions (L x W x H)	11.1 x 3.46 x 9.92 inches
Included Components	18GA 18V LXT NAILER (Tool Only)

Warranty and Support

For warranty information, service, or technical support, please refer to the official Makita website or contact their customer service department.

You can visit the official Makita store for more information: Makita Store on Amazon

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