

DEWALT DW2218IR

DEWALT DW2218IR Impact Ready Magnetic Nut Driver Instruction Manual

Model: DW2218IR

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your DEWALT DW2218IR Impact Ready Magnetic Nut Driver. The DW2218IR is a 1/4-inch magnetic nut driver designed for use with impact drivers, offering durability and ease of use for various fastening applications. Please read these instructions carefully before operation and retain them for future reference.



Figure 1: DEWALT DW2218IR Impact Ready Magnetic Nut Driver. This image shows the black nut driver with "DEWALT 1/4" printed on its magnetic head, and a hexagonal shank for impact driver compatibility.

2. SAFETY INFORMATION

Always observe basic safety precautions when using power tools and accessories to reduce the risk of personal injury. This nut driver is an accessory for power tools and should be used in conjunction with the safety guidelines provided with your power tool.

- **Wear Eye Protection:** Always wear appropriate eye protection, such as safety glasses or goggles, to protect against flying debris.

- **Wear Hand Protection:** Use work gloves to protect hands from sharp edges or pinch points.
- **Secure Workpiece:** Ensure the material you are working on is securely clamped or held to prevent movement during operation.
- **Inspect Tool:** Before each use, inspect the nut driver for any signs of damage, wear, or cracks. Do not use damaged accessories.
- **Proper Attachment:** Ensure the nut driver is correctly and securely inserted into the power tool's chuck or quick-change mechanism.
- **Avoid Over-tightening:** Do not over-tighten fasteners, as this can damage the fastener, the workpiece, or the nut driver.
- **Keep Clear:** Keep hands, hair, and loose clothing away from rotating parts.
- **Proposition 65 Warning:** This product may expose you to chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

3. SETUP

The DEWALT DW2218IR nut driver features a standard 1/4-inch hex shank, making it compatible with most impact drivers and drills equipped with a 1/4-inch quick-change chuck or standard drill chuck.

1. **Select the Correct Size:** Ensure the nut driver size (1/4-inch) matches the fastener you intend to drive.
2. **Insert into Tool:**
 - For quick-change chucks: Pull back the collar on your impact driver, insert the hex shank of the nut driver fully, and release the collar. Tug lightly on the nut driver to ensure it is securely locked in place.
 - For standard drill chucks: Open the chuck jaws, insert the hex shank of the nut driver, and tighten the chuck securely using the chuck key (if applicable) or by hand until the nut driver is firmly gripped.
3. **Verify Security:** Always double-check that the nut driver is firmly seated and locked in the power tool before beginning any work.

4. OPERATING INSTRUCTIONS

Follow these steps for effective and safe operation of the DEWALT DW2218IR nut driver:

1. **Prepare Work Area:** Clear your work area of any obstructions and ensure adequate lighting.
2. **Position Fastener:** Place the nut driver onto the head of the fastener (nut or bolt). The magnetic tip will help hold the fastener in place.
3. **Apply Pressure:** Apply firm, steady pressure directly in line with the fastener to prevent cam-out or stripping.
4. **Engage Power Tool:** Start your impact driver or drill at a low speed and gradually increase as needed. Maintain control of the tool at all times.
5. **Monitor Fastening:** Continue driving until the fastener is seated to the desired tightness. Avoid over-tightening.
6. **Removal:** To remove a fastener, reverse the direction of your power tool and apply steady pressure until the fastener is loose.

5. MAINTENANCE

Proper maintenance ensures the longevity and performance of your nut driver.

- **Cleaning:** After each use, wipe the nut driver clean with a dry cloth to remove dirt, dust, and debris. Do not use harsh chemicals or solvents.
- **Inspection:** Regularly inspect the nut driver for signs of wear, such as rounded edges on the hex opening, cracks, or deformation. Replace the nut driver if it shows significant wear or damage.
- **Storage:** Store the nut driver in a dry place, away from moisture and corrosive materials. Keep it in a tool box or organizer to prevent loss and damage.
- **Magnet Care:** Keep the magnetic tip free of metal shavings, which can reduce its effectiveness. Use a brush or compressed air to clean if necessary.

6. TROUBLESHOOTING

If you encounter issues while using your nut driver, consider the following:

Problem	Possible Cause	Solution
Nut driver slips on fastener.	Incorrect size, worn nut driver, insufficient pressure, or stripped fastener.	Ensure correct nut driver size. Replace worn nut driver. Apply firm, direct pressure. Replace stripped fastener.
Nut driver not holding fastener magnetically.	Magnetic tip is dirty with metal shavings.	Clean the magnetic tip thoroughly to remove any accumulated metal debris.
Nut driver wobbles in power tool.	Not fully inserted or chuck not tightened.	Ensure the nut driver is fully inserted and the chuck is securely tightened.

7. SPECIFICATIONS

Feature	Detail
Model Number	DW2218IR
Brand	DEWALT
Type	Impact Ready Magnetic Nut Driver
Size	1/4 inch
Material	Metal
Item Weight	0.96 ounces (approx. 0.06 Pounds)
Product Dimensions	4.75 x 1.87 x 0.38 inches
Shank Type	Hex (1/4 inch)
UPC	885911026413

8. WARRANTY AND SUPPORT

For detailed warranty information and customer support regarding your DEWALT DW2218IR Impact Ready Magnetic Nut Driver, please refer to the official DEWALT website or contact DEWALT customer service directly. Warranty terms and conditions may vary by region and product type.

You can find more information and contact details on the official DEWALT brand store:

[Visit the DEWALT Store on Amazon](#)