RIDGID R8723B

RIDGID 18V Brushless Sub Compact 1/4 in. Impact Driver User Manual

1. Introduction

This manual provides essential information for the safe and effective operation, maintenance, and care of your RIDGID 18V Brushless Sub Compact 1/4 in. Impact Driver, Model R8723B. Please read this manual thoroughly before using the tool and retain it for future reference.

The RIDGID 18V Brushless Sub Compact 1/4 in. Impact Driver is a powerful and compact tool designed for various driving applications. It features advanced brushless motor technology, which delivers increased runtime, enhanced power, and extended motor life. This SubCompact model is engineered to be significantly lighter and more compact compared to previous RIDGID 18V Impact Driver models, making it particularly suitable for use in confined spaces and for reducing user fatigue.

2. Safety Information

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury when operating power tools. Keep your work area clean and well-lit. Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Keep children and bystanders away while operating a power tool.

- Wear appropriate personal protective equipment, including eye protection, hearing protection, and gloves.
- Ensure the tool is switched off before making any adjustments, changing accessories, or storing the tool.
- Use the correct tool for your application. Do not force the tool.
- Maintain tools with care. Keep cutting tools sharp and clean.
- Store idle tools out of reach of children and untrained persons.
- Do not expose power tools to rain or wet conditions.

3. Product Overview

The RIDGID 18V Brushless Sub Compact 1/4 in. Impact Driver is designed for efficiency and durability. Key features include:

- **Brushless Motor Technology:** Provides more runtime, increased power, and extended motor life.

- **Compact and Lightweight Design:** 30% lighter and 35% more compact than the R86039B RIDGID Brushless 18V Impact Driver, enhancing maneuverability and reducing fatigue.
- **High Torque Output:** Delivers up to 1,800 in./lbs. of torque and 2,900 RPM for demanding applications.
- **Quick Release Hex Collet:** Facilitates easy loading and removal of 1/4 inch hex driving bits.
- **Integrated LED Light:** Illuminates the workspace for improved visibility.
- **Compatibility:** Fully compatible with all RIDGID 18V batteries, tools, and chargers.





Image of the RIDGID 18V Brushless Sub Compact 1/4 inch Impact Driver. The tool features an orange and gray housing, a 1/4 inch hex collet at the front, an ergonomic handle with textured grip, and an LED light near the base. The 'RIDGID' logo is visible on the side, and 'BRUSHLESS' is printed near the battery interface.

4. Setup

4.1 Battery Installation

1. Ensure the impact driver is switched off.
2. Align the battery pack (sold separately) with the battery port on the base of the tool.
3. Slide the battery pack into the port until it clicks securely into place. Ensure it is fully seated before operation.
4. To remove the battery, press the release latches on the sides of the battery pack and slide it out.

4.2 Bit Installation

1. Ensure the impact driver is switched off and the battery is removed for safety.
2. Pull the quick-release hex collet forward.
3. Insert a 1/4 inch hex shank driving bit fully into the collet.
4. Release the collet. The bit should be securely held in place. Gently pull on the bit to confirm it is locked.
5. To remove the bit, pull the collet forward and pull the bit out.

5. Operating Instructions

5.1 Powering On/Off and Speed Control

- To start the tool, depress the trigger switch. The tool speed increases as you increase pressure on the trigger.
- To stop the tool, release the trigger switch.

5.2 Forward/Reverse Rotation

- The direction of rotation is controlled by the forward/reverse selector switch located above the trigger.
- For forward rotation (driving fasteners), push the selector switch to the left.
- For reverse rotation (removing fasteners), push the selector switch to the right.
- When the selector switch is in the center position, the trigger is locked, preventing accidental startup. Always engage the lock when not in use or when changing bits.

5.3 Using the LED Light

The integrated LED light automatically illuminates the workspace when the trigger is partially depressed, providing

improved visibility in dimly lit areas.

6. Maintenance

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

- **Cleaning:** Keep the tool's air vents clear and free of debris to prevent overheating. Use a clean, dry cloth to wipe down the exterior. Do not use solvents or harsh chemicals.
- **Inspection:** Periodically inspect the tool for any signs of damage, loose fasteners, or worn parts. Ensure the quick-release collet operates smoothly.
- **Storage:** Store the tool in a dry, secure location out of reach of children. Remove the battery pack before storage.

7. Troubleshooting

Problem	Possible Cause	Solution
Tool does not start	Battery not charged or improperly installed; Forward/reverse selector in center (locked) position; Faulty battery or tool.	Charge battery and ensure proper installation; Move selector to forward or reverse; Test with a different battery; Contact customer support if issue persists.
Reduced power or performance	Low battery charge; Incorrect bit for application; Overheating.	Recharge battery; Use appropriate bit; Allow tool to cool down.
Bit not holding securely	Bit not fully inserted; Collet mechanism obstructed or damaged.	Ensure bit is fully inserted and collet is released; Clean collet area; Contact customer support if collet is damaged.

8. Specifications

Feature	Specification
Brand	RIDGID
Model Number	R8723B
Power Source	Battery Powered
Voltage	18 Volts
Maximum Rotational Speed	2900 RPM
Maximum Torque	1800 Inch Pounds
Drill Type	Impact Driver
Item Weight	2.51 pounds (1.14 Kilograms)
Product Dimensions	6.1"L x 7.8"W x 6.1"H
Special Features	Compact, Lightweight, Brushless Motor
Included Components	Impact Driver with driving bit, belt clip, bit holder

Feature	Specification
Batteries Included?	No (Tool Only)
UPC	689908003315

9. Warranty and Support

RIDGID offers a Lifetime Service Agreement for this product upon registration. To qualify, you must register your tool within 90 days of purchase. This agreement covers free parts, service, and batteries for life.

For detailed warranty information, registration, or technical support, please visit the official RIDGID website or contact their customer service department. Keep your proof of purchase for warranty claims.

For further assistance, please refer to the official RIDGID support channels.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question