

Fits-Bauer-2495C-B

User Manual: 20V Cordless 3/8 in. Right-Angle Impact Wrench

Model: Fits-Bauer-2495C-B | Brand: Generic

1. INTRODUCTION

Thank you for choosing the Generic 20V Cordless 3/8 in. Right-Angle Impact Wrench. This tool is designed for efficient fastening and loosening of bolts and nuts, especially in confined spaces, thanks to its unique right-angle head. This manual provides important information on the safe operation, setup, maintenance, and troubleshooting of your new impact wrench. Please read this manual thoroughly before use and keep it for future reference.

2. SAFETY INFORMATION

WARNING: Read all safety warnings, instructions, illustrations, and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious injury.

General Power Tool Safety

- **Work Area Safety:** Keep 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.
- **Electrical Safety:** 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.
- **Personal Safety:** Always wear eye protection. Use hearing protection when operating impact tools. Wear appropriate personal protective equipment for the task. Stay alert, watch what you are doing, and use common sense when operating a power tool.

Impact Wrench Specific Safety

- **Secure Workpiece:** Always secure the workpiece before operating the impact wrench.
- **Proper Grip:** Maintain a firm grip on the tool to control torque reaction.
- **Avoid Over-tightening:** Be aware of the torque output to prevent over-tightening or damaging fasteners.
- **Battery Safety:** Use only the specified 20V Lithium-Ion batteries. Do not expose batteries to extreme temperatures or water.

3. PRODUCT OVERVIEW

The Generic 20V Cordless 3/8 in. Right-Angle Impact Wrench is a versatile tool designed for professional and DIY use. Its compact right-angle head allows for easy access to fasteners in tight and confined spaces where traditional impact wrenches cannot reach. This tool delivers powerful performance with up to 65 ft-lbs of bolt breakaway torque.



Figure 3.1: Generic 20V Cordless 3/8 in. Right-Angle Impact Wrench. This image shows the full tool, highlighting its red and black body, silver right-angle head, and the 3/8 inch anvil with friction ring.

Key Features:

- Up to 65 ft-lbs of bolt breakaway torque for efficient fastening and loosening.
- 2 speed settings for greater control over various applications.
- 3/8 in. anvil with friction ring for fast and easy socket changes.
- Extended paddle switch for multiple grip options and comfortable operation.
- Compact right-angle head design for superior access in tight spaces.

Note: Battery and charger are sold separately and are not included with the tool.

4. SETUP

4.1 Battery Installation

1. Ensure the tool is turned off and the paddle switch is not engaged.
2. Align the 20V Lithium-Ion battery pack with the battery port at the base of the tool handle.
3. Slide the battery pack into the port until it clicks securely into place. Do not force the battery.
4. To remove the battery, press the battery release latches (if present) and slide the battery pack out.

4.2 Socket Attachment

1. Select the appropriate 3/8 in. drive impact-rated socket for your application.
2. Push the socket firmly onto the 3/8 in. anvil at the right-angle head. The friction ring will hold the socket in place.
3. Ensure the socket is fully seated and secure before operation.
4. To remove the socket, simply pull it off the anvil.

5. OPERATING

5.1 Powering On/Off

- To turn the tool ON, depress the extended paddle switch. The tool will begin to rotate.
- To turn the tool OFF, release the paddle switch.

5.2 Speed Settings

This impact wrench features 2 speed settings for optimal control depending on the task. The speed selector switch is typically located near the trigger or on the side of the tool body.

- **Speed 1 (Low):** For delicate applications or when precise control is needed.
- **Speed 2 (High):** For maximum torque and faster removal/installation of fasteners.

Adjust the speed setting before engaging the paddle switch.

5.3 Applying Torque

1. Ensure the correct socket is attached and the battery is fully charged.
2. Position the socket squarely onto the fastener.
3. Depress the paddle switch to begin operation. The tool will apply rotational force and impacts to loosen or tighten the fastener.
4. For tightening, stop when the fastener is snug or reaches the desired torque. For loosening, continue until the fastener breaks free.

5.4 Using the Right-Angle Head

The right-angle design is ideal for reaching fasteners in confined spaces, such as engine bays, under dashboards, or in tight machinery. Position the head to align with the fastener, ensuring there is enough clearance for the tool body to rotate if needed.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your impact wrench.

- **Cleaning:** After each use, wipe down the tool with a clean, damp cloth. Do not use harsh chemicals or abrasive cleaners. Keep ventilation openings clear of dust and debris.
- **Anvil Inspection:** Periodically inspect the 3/8 in. anvil and friction ring for wear or damage. Replace if necessary to ensure proper socket retention.
- **Battery Care:** Store batteries in a cool, dry place away from direct sunlight and extreme temperatures. Charge batteries fully before storage and periodically during long storage periods to maintain battery health.

- **General Inspection:** Check all screws and fasteners for tightness. Inspect the power cord (if applicable to charger) for damage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Tool does not turn on.	Battery not installed correctly or discharged.	Ensure battery is fully seated. Charge battery.
Tool has low power/torque.	Battery is low. Incorrect speed setting.	Charge battery. Select higher speed setting.
Socket does not stay on anvil.	Friction ring worn or damaged.	Inspect friction ring. If worn, service the tool or replace the anvil.
Tool overheats.	Continuous heavy use. Blocked ventilation.	Allow tool to cool down. Clear ventilation openings. Reduce load.

8. SPECIFICATIONS

Attribute	Specification
Brand	Generic
Model Number	Fits-Bauer-2495C-B
Voltage	20 Volts (DC)
Item Torque	65 Foot Pounds (Breakaway)
Anvil Size	3/8 inch
Speed Settings	2
Item Weight	2.87 pounds
Material	Blend
Color	Red
Manufacturer	HFT
Country of Origin	China

9. WARRANTY AND SUPPORT

For information regarding the warranty of your Generic 20V Cordless 3/8 in. Right-Angle Impact Wrench, please refer to the warranty card included with your purchase or contact the retailer where the product was purchased. Warranty terms and conditions may vary.

For technical support, replacement parts, or service inquiries, please contact the retailer or the manufacturer directly. Keep your purchase receipt and model number handy when contacting support.

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