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> User Manual for Ingersoll Rand W1130 3/8" 12V Cordless Impact Wrench

## Ingersoll Rand W1130

# User Manual for Ingersoll Rand W1130 3/8" 12V Cordless Impact Wrench

Model: W1130

## INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Ingersoll Rand W1130 3/8" 12V Cordless Impact Wrench. The W1130 is a compact and powerful tool designed for various fastening applications, offering 100 ft-lb of torque. Its durable housing resists wear, impact, and chemical damage, ensuring long-lasting performance.

## SAFETY INFORMATION

Always observe basic safety precautions to reduce the risk of personal injury and damage to the tool. Read and understand all instructions before operating the tool.

- Wear appropriate personal protective equipment, including eye protection and gloves.
- Ensure the workpiece is stable and secure before operation.
- Keep hands and loose clothing away from moving parts.
- Do not operate the tool in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
- Use only genuine Ingersoll Rand batteries and chargers designed for this model.
- Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool.

## SETUP

Before first use, ensure the tool is properly set up.

### 1. Battery Installation:

The Ingersoll Rand W1130 requires Lithium Ion batteries (not included with the bare tool). Align the battery pack with the tool's base and slide it in until it clicks securely into place. To remove, press the release button on the battery pack and slide it out.

### 2. Charging the Battery:

Refer to your battery charger's instruction manual for proper charging procedures. Ensure the battery is fully charged before initial use for optimal performance.

### 3. **Attaching Sockets:**

The W1130 features a 3/8" square drive. To attach a socket, simply push the socket onto the square drive until it locks into place. To remove, pull the socket firmly off the drive.



Figure 1: Front view of the Ingersoll Rand W1130 Impact Wrench, showing the 3/8" square drive and trigger.

## **OPERATING INSTRUCTIONS**

Follow these steps for safe and effective operation of your impact wrench.

### 1. **Direction of Rotation:**

Locate the forward/reverse selector switch, typically above the trigger. Push the switch to the left for forward (tightening) rotation and to the right for reverse (loosening) rotation. Ensure the switch is in the center position for trigger lock when not in use.

### 2. **Starting and Stopping:**

To start the tool, depress the trigger. The tool's speed is variable based on trigger pressure. To stop, release the trigger.

### 3. Applying Torque:

Position the socket firmly onto the fastener. Apply steady pressure to the tool and depress the trigger. The impact mechanism will engage to deliver up to 100 ft-lb of torque. For critical torque applications, always verify final torque with a calibrated torque wrench.

### 4. Working in Tight Spaces:

The compact design of the W1130 makes it ideal for accessing fasteners in confined areas. Its three-point pads add stability and protect work surfaces during use.



Figure 2: Side view of the Ingersoll Rand W1130, highlighting its compact profile.



Figure 3: The W1130 in use, demonstrating its suitability for automotive applications and tight spaces.

## 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.

- **Inspection:**

Periodically inspect the tool for any signs of damage, loose fasteners, or worn parts. Check the square drive for wear. If any damage is found, discontinue use and have the tool serviced by qualified personnel.

- **Storage:**

Store the tool and battery packs in a cool, dry place, away from direct sunlight and extreme temperatures. Ensure the battery is removed from the tool before storage.

## TROUBLESHOOTING

This section addresses common issues you might encounter with your W1130 impact wrench.

Problem	Possible Cause	Solution
Tool does not start.	Battery not charged or improperly installed. Forward/reverse selector in center (locked) position.	Ensure battery is fully charged and securely installed. Move selector switch to forward or reverse position.
Reduced power or performance.	Low battery charge. Worn or damaged socket.	Recharge battery. Replace worn sockets.
Excessive vibration or noise.	Loose components or internal damage.	Discontinue use immediately and contact authorized service center.

## SPECIFICATIONS

Feature	Detail
Brand	Ingersoll Rand
Model Number	W1130
Drive Size	3/8 inch
Voltage	12 Volts
Item Torque	100 Foot Pounds
Operation Mode	Battery
Material	Metal
Item Weight	2.6 Pounds
Product Dimensions	5.9 x 2.36 x 6.92 inches
Head Style	Round
Finish Type	Powder Coated
Batteries Required	Yes (Lithium Ion)

Feature	Detail
Batteries Included	No
UPC	663024007792

## WARRANTY

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The Ingersoll Rand W1130 Impact Wrench comes with a **1-3 year limited warranty**. For specific terms and conditions, please refer to the warranty card included with your product or visit the official Ingersoll Rand website. This warranty typically covers defects in materials and workmanship under normal use.

## SUPPORT

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For technical assistance, service, or to purchase replacement parts, please contact Ingersoll Rand customer support. You can find contact information on the official Ingersoll Rand website or through your local authorized dealer. When contacting support, please have your product model number (W1130) and serial number (if applicable) ready.

Visit the [Ingersoll Rand Store](#) for more information on their product range.