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> Ingersoll Rand 2115QTiMAX 3/8" Drive Air Impact Wrench User Manual

## Ingersoll Rand 2115QTiMAX

# Ingersoll Rand 2115QTiMAX 3/8" Drive Air Impact Wrench User Manual

Model: 2115QTiMAX | Brand: Ingersoll Rand

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## 1. SAFETY INFORMATION

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Always read and understand all safety warnings and instructions before operating this tool. Failure to follow these warnings and instructions may result in serious injury.

- **Eye Protection:** Always wear ANSI Z87.1 approved eye protection when operating or performing maintenance on this tool.
- **Hearing Protection:** Wear appropriate hearing protection to prevent hearing damage.
- **Air Supply:** This is a pneumatic tool. Ensure a clean, dry, regulated air supply is connected. Do not exceed the maximum operating pressure.
- **Proper Use:** Use the tool only for its intended purpose. Do not modify the tool.
- **Secure Workpiece:** Always secure the workpiece before operating the tool.
- **Avoid Contact:** Keep hands, hair, and loose clothing away from moving parts.
- **Disconnect Air:** Disconnect the air supply before changing accessories, performing maintenance, or when the tool is not in use.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

## 2. PRODUCT OVERVIEW

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The Ingersoll Rand 2115QTiMAX 3/8" Drive Air Impact Wrench is designed for heavy-duty assembly and disassembly applications, suspension work, and industrial equipment repair. It combines powerful performance with a compact, lightweight design and quiet operation.

## Key Features:

- **Pro Performance:** Delivers up to 300 ft-lbs of torque in reverse, suitable for various automotive and industrial tasks.
- **Quiet Technology:** Features Quiet Tool technology to reduce sound levels caused by air pulsating through the 7-vane motor, enhancing user comfort.
- **Lightweight Design:** Measures less than 6 inches and weighs under 2.5 lbs, offering an excellent power-to-weight ratio and improved access to tight spaces.
- **Superior Control:** Equipped with a feather-touch trigger for precise control and a 4-position power regulator for adjustable output.
- **Durable Reliability:** Constructed with a titanium hammer case and steel wear plate for protection against harsh environments and drops.



Figure 2.1: Ingersoll Rand 2115QTiMAX 3/8" Drive Air Impact Wrench, showcasing its compact design.



Figure 2.2: Detail of the one-handed forward/reverse push button controls and the robust construction of the tool.



Figure 2.3: Visual representation of the tool's impressive features, including its 300 ft-lbs of maximum torque.

## 3. SETUP

### 3.1 Connecting to Air Supply

1. Ensure your air compressor is off and depressurized.
2. Apply thread sealant tape to the male threads of the air inlet fitting.
3. Thread the air inlet fitting into the tool's air inlet port.
4. Connect an air hose with a quick-connect coupler to the air inlet fitting.
5. Set your air compressor regulator to the recommended operating pressure (typically 90 PSI / 6.2 bar).
6. Turn on the air compressor and check for leaks.

### 3.2 Attaching Sockets

The 2115QTIMAX features a friction ring anvil for quick and secure socket changes.

1. Ensure the tool is disconnected from the air supply.
2. Align the square drive of the socket with the anvil on the tool.

3. Push the socket firmly onto the anvil until it clicks into place. The friction ring will hold the socket securely.
4. To remove, pull the socket firmly off the anvil.

## 4. OPERATING INSTRUCTIONS

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### 4.1 Forward/Reverse Mechanism

The tool features a one-handed forward/reverse mechanism located at the rear of the tool for easy direction changes.

- To select **Forward** (tightening), push the lever to one side.
- To select **Reverse** (loosening), push the lever to the opposite side.

### 4.2 Power Regulator Dial

The 4-position power regulator dial allows you to adjust the torque output of the tool.

- Rotate the dial to select the desired power setting.
- Lower settings are suitable for delicate tasks or when less torque is required.
- Higher settings provide maximum torque for stubborn fasteners.

### 4.3 Trigger Operation

The feather-touch trigger provides impressive control over the tool's speed and power.

- Gently squeeze the trigger to start the tool at a low speed.
- Increase pressure on the trigger to increase the tool's speed and power.
- Release the trigger to stop the tool.



Figure 4.1: View of the tool's controls, including the feather-touch trigger and the power regulator dial.

## 5. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the life of your Ingersoll Rand impact wrench.

- **Lubrication:** Apply a few drops of pneumatic tool oil into the air inlet before each use or after every hour of continuous use.
- **Air Filter:** Regularly check and clean the air filter on your air compressor to ensure a clean air supply to the tool.
- **Cleaning:** Keep the tool clean and free of debris. Wipe down the exterior with a clean cloth. Do not use harsh solvents.
- **Storage:** Store the tool in a dry, clean environment when not in use.
- **Inspection:** Periodically inspect the tool for any signs of wear or damage. Replace worn or damaged parts immediately.

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Tool not operating or low power	Low air pressure; Clogged air filter; Lack of lubrication; Worn internal parts	Check air compressor pressure (ensure 90 PSI); Clean or replace air filter; Lubricate tool with pneumatic oil; Contact authorized service center.
Excessive noise or vibration	Lack of lubrication; Loose components; Worn internal parts	Lubricate tool; Check for and tighten any loose fasteners; Contact authorized service center.
Air leaks	Loose fittings; Damaged O-rings or seals	Tighten all air fittings; Replace damaged O-rings or seals.

## 7. SPECIFICATIONS

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Feature	Detail
Model Number	2115QTIMAX
Drive Size	3/8 Inches
Max Torque (Reverse)	300 Foot Pounds
Operation Mode	Mechanical
Item Length	6 Inches
Item Weight	1.12 Kilograms (approx. 2.47 lbs)
Material	Titanium (hammer case)
Color	Grey
Head Style	Fixed Square

Feature	Detail
Measurement Standard	SAE (Inch)
Included Components	Ingersoll Rand - 3/8 Quiet Impactool (2115QTIMAX)

## 8. WARRANTY AND SUPPORT

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### 8.1 Manufacturer Warranty

This Ingersoll Rand tool comes with a **Two-year limited warranty** (with tool registration). Please refer to the official Ingersoll Rand website or your purchase documentation for full warranty terms and conditions.

### 8.2 Customer Support

For technical assistance, parts, or service, please visit the official Ingersoll Rand website or contact their customer support directly. Keep your proof of purchase and model number handy for efficient service.