

Ingersoll Rand 119MAX

Ingersoll Rand 119MAX Long-Barrel Air Hammer Instruction Manual

1. SAFETY INFORMATION

Always observe basic safety precautions when using power tools to reduce the risk of personal injury. Read and understand all instructions before operating this tool.

- **Eye Protection:** Always wear ANSI-approved safety goggles or safety glasses with side shields.
- **Hearing Protection:** Wear hearing protection during operation to prevent hearing damage.
- **Hand Protection:** Wear appropriate gloves to protect hands from vibration and potential hazards.
- **Disconnect Air Supply:** Disconnect the tool from the air supply before changing accessories, performing maintenance, or when the tool is not in use.
- **Proper Air Pressure:** Ensure the air supply pressure does not exceed the maximum recommended pressure for the tool.
- **Secure Workpiece:** Always secure the workpiece to prevent movement during operation.
- **Keep Clear:** Keep hands, hair, and loose clothing away from moving parts.
- **Inspect Tool:** Before each use, inspect the tool for damage or wear. Do not use a damaged tool.

2. PRODUCT OVERVIEW

The Ingersoll Rand 119MAX Long-Barrel Air Hammer is designed for various tasks requiring impact force, such as exhaust and front-end work, general bolt cutting, pin driving, and body shearing. This tool features a long barrel design for enhanced performance and user comfort.



Image: The Ingersoll Rand 119MAX Long-Barrel Air Hammer, a pneumatic tool with a silver body and black grip, shown with its quick-change retainer.

Key Features:

- **Size and Weight:** Approximately 18% shorter and 5% lighter than the previous 118MAX model.
- **Anti-Vibration Mechanism:** Reduces tool vibration by over 30% compared to standard air hammers, enhancing user comfort.
- **Comfort Grip:** Features a shock-reduction and anti-slip grip for improved handling.
- **Quick-Change Retainer:** Allows for fast and efficient chisel changeovers.
- **Swivel Air Inlet:** Designed to prevent hose twisting during use, improving maneuverability.

3. SETUP

3.1 Air Supply Connection

1. Ensure your air compressor is capable of providing the required air pressure and volume for the 119MAX Air Hammer. Refer to the Specifications section for details.
2. Attach an air hose (not included) to the swivel air inlet at the base of the tool handle. Ensure a secure connection to prevent air leaks.
3. Connect the other end of the air hose to your air compressor or air line.
4. Adjust the air compressor regulator to the recommended operating pressure.

3.2 Chisel Installation

1. Disconnect the air hammer from the air supply before installing any accessories.
2. Pull back the quick-change retainer collar located at the front of the tool.
3. Insert the desired chisel bit into the tool's chuck until it seats firmly.

4. Release the quick-change retainer collar to lock the chisel in place. Gently tug on the chisel to ensure it is securely fastened.

4. OPERATING INSTRUCTIONS

The 119MAX Air Hammer is designed for efficient material removal and cutting tasks. Its long barrel and anti-vibration features contribute to comfortable and effective operation.



Image: A person wearing gloves operates the Ingersoll Rand 119MAX Air Hammer on an automotive component, demonstrating its use in a workshop setting.

4.1 General Operation

1. Ensure the tool is properly connected to the air supply and a chisel is securely installed.
2. Hold the tool firmly with both hands, utilizing the comfort grip for stability and vibration reduction.
3. Position the chisel tip against the workpiece at the desired angle.
4. Depress the trigger to activate the air hammer. The trigger is feathered, allowing for variable speed control based on pressure applied.
5. Apply steady, controlled pressure to the tool while operating. Avoid excessive force, allowing the tool's impact action to perform the work.
6. When finished, release the trigger and disconnect the air supply.

4.2 Utilizing Features

- **Anti-Vibration:** The internal mechanism significantly reduces vibration, allowing for longer periods of use with less operator fatigue.
- **Quick-Change Retainer:** For rapid accessory changes, simply pull back the collar, swap the chisel, and release the collar.
- **Swivel Air Inlet:** The rotating air inlet helps prevent the air hose from tangling or kinking, providing greater freedom of movement during operation.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Ingersoll Rand 119MAX Air Hammer.

- **Lubrication:** Apply a few drops of pneumatic tool oil into the air inlet before each use. This lubricates internal components and prevents premature wear.
- **Cleaning:** Keep the tool clean and free of debris. Wipe down the exterior with a clean cloth. Ensure the air inlet and exhaust ports are clear.
- **Storage:** Store the tool in a clean, dry environment when not in use. Protect it from moisture and extreme temperatures.
- **Inspect Air Line:** Regularly check the air hose and connections for wear, leaks, or damage. Replace any compromised components immediately.

6. TROUBLESHOOTING

If you encounter issues with your air hammer, refer to the following common troubleshooting steps:

- **Tool Not Operating or Low Power:**
 - Check air supply pressure. Ensure it meets the tool's requirements.
 - Verify all air connections are secure and free of leaks.
 - Ensure the air compressor is adequately sized and functioning correctly.
 - Check for blockages in the air inlet or exhaust ports.
 - Confirm the chisel is properly seated in the quick-change retainer.
 - Ensure the tool has been adequately lubricated.
- **Excessive Vibration (beyond normal):**
 - Inspect the chisel for damage or improper seating.
 - Check for loose components on the tool.
- **Air Leaks:**
 - Tighten all connections.
 - Inspect O-rings and seals for wear or damage and replace if necessary.

If problems persist after attempting these steps, contact Ingersoll Rand customer support or a qualified service technician.

7. SPECIFICATIONS

Feature	Detail
Brand	Ingersoll Rand
Model Number	119MAX
Power Source	Air Powered
Maximum Rotational Speed	2530 RPM
Amperage	14 Amps
Maximum Chuck Size	0.39 Inches
Product Dimensions	9.1"L x 2"W x 7.2"H
Material	Metal
Item Weight	4.5 Pounds
Maximum Power	350 Watts
Drill Type	Hammer Drill
Sound Level	95.7 Decibels
Size	Long Barrel
Style	Tool Only

8. WARRANTY & SUPPORT

8.1 Warranty Information

The Ingersoll Rand 119MAX Long-Barrel Air Hammer comes with a **1 Year Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For full warranty terms and conditions, please refer to the documentation included with your product or visit the official Ingersoll Rand website.

8.2 Customer Support

For technical assistance, parts, or service inquiries, please contact Ingersoll Rand customer support through their official website or the contact information provided in your product packaging.