

RIDGID RP 115

RIDGID RP 115 Mini Press Tool and Battery Kit Instruction Manual

Model: RP 115 | Part Number: 72553

1. INTRODUCTION

The RIDGID RP 115 Mini Press Tool is designed for efficient and accurate pressing of copper and stainless steel pipes. This compact and lightweight hydraulic tool offers professionals a reliable solution for various plumbing applications. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your RP 115 Mini Press Tool.

2. SAFETY INFORMATION

Always read and understand all safety warnings and instructions provided in the complete operator's manual before using the tool. Failure to follow these instructions may result in electric shock, fire, serious injury, or product damage.

General Safety Warnings:

- **Work Area Safety:** Keep your work area clean and well-lit. Cluttered or dark areas invite accidents.
- **Electrical Safety:** Avoid body contact with earthed or grounded surfaces. Do not expose power tools to rain or wet conditions.
- **Personal Safety:** Always wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection. Stay alert, watch what you are doing, and use common sense when operating a power tool.
- **Tool Use and Care:** Do not force the power tool. Use the correct power tool for your application. Disconnect the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.
- **Battery Tool Use and Care:** Recharge only with the charger specified by the manufacturer. Use power tools only with specifically designated battery packs.

3. PACKAGE CONTENTS

The RIDGID RP 115 Mini Press Tool Kit (72553) includes the following components:

- RIDGID RP 115 Mini Press Tool
- 1/2" ProPress Mini Press Jaw
- 3/4" ProPress Mini Press Jaw
- 12V Li/Ion Battery
- 12V Charger
- Rugged Carrying Case



Figure 1: Overview of the RIDGID RP 115 Mini Press Tool Kit, showing the press tool, two ProPress jaws, battery, charger, and carrying case.

RP 115 Mini Press Tool Kit

With 1/2-in. & 3/4-in. ProPress Jaws

Package Includes



Figure 2: Detailed view of the RP 115 Mini Press Tool Kit with labels for each component, including the storage case, operator's manual, battery charger, 12V battery, and 2 ProPress mini jaws (1/2-inch & 3/4-inch).

4. SETUP

4.1. Charging the Battery

Ensure the 12V Li/Ion battery is fully charged before initial use. Connect the 12V charger to a power outlet and insert the battery. The charger's indicator lights will show the charging status.

Reliable Battery Life



12V Max advanced
lithium-ion battery*

Completes up to 160
presses per charge**

* Maximum Battery pack voltage (V Max) is 12V, the nominal voltage is 10.8V. Max V represents the open circuit battery voltage measured on a fully charged battery without a workload.

**Dependent upon pipe material, pipe size, and type of fitting.

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Figure 3: The 12V Max advanced lithium-ion battery and its charger. The battery provides enough power for up to 160 presses per charge on 3/4-inch Type L copper.

4.2. Attaching/Removing Jaws

To attach or remove a press jaw, first ensure the battery is removed from the tool for safety. Open the attachment mounting pin by slightly pushing the head of the pin and twisting it counter-clockwise by about 45 degrees. Insert the desired jaw and push the mounting pin until it locks into the closed position. The mounting pin must be fully closed to prevent tool damage during operation.

Your browser does not support the video tag.

Video 1: RIDGID RP 115 Mini Press Tool Overview. This video demonstrates the features and basic operation of the RP 115, including how to attach and remove jaws.

5. OPERATING INSTRUCTIONS

5.1. Preparing the Connection

For copper press fittings, ensure the pipe is cut squarely, reamed to remove burrs, and cleaned thoroughly. Mark the tubing using the fitting or an insertion depth gauge to ensure the fitting is properly seated when the press is completed. Always refer to the fitting manufacturer's specific installation instructions.

5.2. Making a Press

1. Reinsert a fully charged battery into the tool. The tool is active once the battery is inserted.
2. Squeeze the jaw arms to open the jaws.
3. Place the open jaws around the fitting and properly align the jaw profile with the contour of the fitting.
4. Release the jaw arms to close the jaws around the fitting. Confirm the jaw is appropriately placed and square to the fitting.
5. Activate the tool by holding the trigger switch. Continue to hold the trigger until the ram automatically retracts. This indicates that the press cycle is complete.

Always keep fingers and hands away from the jaws to avoid crushing injuries.



Smallest and lightest press tool on the market

Single handed operation with ergonomic design

Efficiently presses copper and stainless steel pipes

Reliable battery life with 12V max advanced lithium-ion battery, completes up to 160 presses per charge

210° head swivel for access to hard to reach and tight spaces

RP 115 Mini Press Tool Kit

With 1/2-in. & 3/4-in. ProPress Jaws



Figure 4: A professional using the RP 115 Mini Press Tool to make a connection in a confined area, highlighting its compact design and 210-degree head swivel for accessibility.

Smallest and Lightest

Press Tool on the Market



Figure 5: Close-up view of the RP 115 Mini Press Tool demonstrating its lightweight design and 210-degree head swivel for optimal access in hard-to-reach and tight spaces.

Efficiently Presses

Copper & Stainless Steel



Figure 6: The RP 115 Mini Press Tool efficiently pressing a 3/4-inch copper pipe, illustrating its capability for copper and stainless steel applications.

5.3. Stopping a Press Before Completion

If the tool needs to be stopped while attempting to make a press before completion, release the trigger and depress the pressure release button until the ram fully retracts. Note that if the release button is depressed, the press is not complete, and the connection must be pressed again to ensure proper completion.

Your browser does not support the video tag.

Video 2: RIDGID RP 115 Mini Press Tool. This video provides a quick demonstration of the tool's features, including its single-handed operation and 210-degree swivel head, and shows it in action.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your RP 115 Mini Press Tool.

- **Cleaning:** Keep the tool and jaws clean and free from debris. Use a dry cloth to wipe down the tool after each use.
- **Storage:** Store the tool, batteries, charger, and jaws in the provided carrying case in a dry, secure location.
- **Battery Care:** Do not store batteries in direct sunlight or where temperatures may exceed 120°F (50°C).

- **Service:** The tool requires periodic service and calibration. Refer to the operator's manual for recommended service intervals (e.g., 20,000 cycles). Contact an authorized RIDGID service center for professional maintenance.

7. TROUBLESHOOTING

If you encounter issues with your RP 115 Mini Press Tool, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Tool does not activate	Battery not inserted correctly or discharged.	Ensure battery is fully inserted. Charge or replace battery.
Incomplete press cycle	Pressure release button pressed during cycle, or insufficient battery charge.	Ensure trigger is held until ram retracts. Recharge battery. Re-press connection.
Jaws do not close properly	Incorrect jaw attachment or debris in jaws.	Verify correct jaw is installed and mounting pin is fully closed. Clean jaws.
Tool overheating	Continuous heavy use.	Allow tool to cool down. Avoid prolonged continuous operation.

For further assistance, contact RIDGID customer support or an authorized service center.

8. SPECIFICATIONS

Key technical specifications for the RIDGID RP 115 Mini Press Tool:

- **Model:** RP 115
- **Part Number:** 72553
- **Power Source:** Battery Powered (12V Li-Ion)
- **Amperage:** 2 Amps
- **Wattage:** 24 Watts
- **Item Weight:** 10.4 pounds (with battery and jaws)
- **Product Dimensions:** 4.25 x 2.5 x 13 inches
- **Head Rotation:** 210 degrees
- **Ram Force:** 3,400 lbs. (15 kN)
- **Duty Cycle:** 3 Press/min
- **Operating Temperature Range:** 15°F to 104°F (-10°C to 40°C)
- **Storage Temperature:** 32°F to 113°F (0°C to 45°C)
- **Permissible Humidity:** 80% maximum
- **Sound Pressure (LPA):** < 70 dB(A), K=3 dB(A)
- **Vibration:** < 2.5 m/s², K=1.5
- **Service Interval:** 20,000 cycles
- **Material:** Aluminum Alloy, Plastic, Steel

RP 115 Specifications

▶ STROKE LENGTH 1.26-in. (32mm)	▶ DUTY CYCLE 3 Press /min	▶ WEIGHT (NO BATTERY / NO JAWS) 2.9 lbs. (1.3 kg)
▶ MOTOR Brushed	▶ POWER SUPPLY 12 V Li-ion Rechargeable Battery Pack (RIDGID RB-1200 Series)	▶ DIMENSIONS 13-in. x 4.5-in. x 2.5-in. (330 mm x 114 mm x 63 mm)
▶ VOLTAGE 12 V DC rated		
▶ AMPERAGE 2.0 A	▶ PERMISSIBLE HUMIDITY 80% maximum	▶ SOUND PRESSURE (LPA) < 70 dB(A), K=3 dB(A)
▶ POWER 24 Watts	▶ OPERATING TEMPERATURE RANGE 15° F to 104° F (-10° C to 40° C)	▶ VIBRATION < 2.5 m/s ² , k=1.5
▶ RAM FORCE 3,400 lbs. (15 kN)		▶ SERVICE INTERVAL 20,000 CYCLES
▶ HEAD ROTATION 210°	▶ STORAGE TEMPERATURE 32° F to 113° F (0° C to 45° C)	

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Figure 7: A table detailing the technical specifications of the RIDGID RP 115 Mini Press Tool.

9. WARRANTY AND SUPPORT

RIDGID offers a Lifetime Warranty against defects in workmanship and material for the RP 115 Mini Press Tool. For detailed warranty information, claims, or to locate an authorized service center, please visit the official RIDGID website or contact customer support.

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BUILT FOR THOSE WHO KNOW™

Figure 8: The RIDGID Full Lifetime Warranty badge, indicating coverage against material defects and workmanship. For additional support, including product registration, FAQs, and instructional resources, please visit www.ridgid.com.

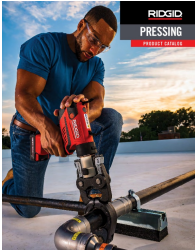




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Related Documents - RP 115



[RIDGID RP 350 & RP 351 Standard Press Tool: Specifications and Order Information](#)

Detailed specifications, features, and ordering information for the RIDGID RP 350 and RP 351 Standard Press Tools, highlighting their brushless motor, durability, and advanced features for professional plumbing and HVAC applications.

	<p>RIDGID Pressing Product Catalog</p> <p>RIDGID's comprehensive product catalog for pressing tools, including press tools, jaws, rings, actuators, and accessories for various pipe types and applications. Features detailed specifications, compatibility information, and benefits of RIDGID's pressing technology.</p>
	<p>RIDGID RP 350/RP 351 Press Tools User Manual and Safety Guide</p> <p>Comprehensive user manual for the RIDGID RP 350 and RP 351 Press Tools. Covers safety warnings, operating instructions, specifications, maintenance, troubleshooting, and optional equipment for professional plumbing, HVAC, and refrigeration applications.</p>
	<p>RIDGID RP 115 Press Tool Operator's Manual - Safety, Operation, and Maintenance Guide</p> <p>This operator's manual provides comprehensive information on the RIDGID RP 115 Press Tool, including essential safety warnings, detailed operating instructions, maintenance procedures, specifications, and troubleshooting tips for professional use.</p>
	<p>RIDGID RP 240/RP 241 Press Tools Operator's Manual</p> <p>Comprehensive operator's manual for RIDGID RP 240 and RP 241 Press Tools, covering safety, operation, maintenance, and troubleshooting. Learn how to use these professional press tools safely and effectively.</p>
	<p>Pressatrici RIDGID RP 350/351 Brushless: Caratteristiche e Specifiche Tecniche</p> <p>Scopri le pressatrici RIDGID RP 350 e RP 351 con tecnologia brushless. Offrono prestazioni superiori, efficienza energetica, durata eccezionale e funzionamento senza manutenzione, ideali per professionisti.</p>