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NIBCO GID-127726

NIBCO R00205PCI Pc-200M Mini Press Tool User Manual

Model: GID-127726

1. INTRODUCTION

The NIBCO Pc-200M Mini Press Tool is a compact and efficient device designed for securely joining pipes and fittings using press technology. This tool, along with its accompanying jaws and access case, provides a reliable solution for various plumbing and HVAC applications. This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Pc-200M Mini Press Tool.



Image 1.1: The NIBCO Pc-200M Mini Press Tool, shown with its included jaws and access case, ready for use.

2. IMPORTANT SAFETY INFORMATION

Always observe the following safety precautions to reduce the risk of injury or damage to the tool:

- Read and understand all instructions before operating the tool.
- Wear appropriate personal protective equipment (PPE), including safety glasses, gloves, and hearing protection.
- Ensure the work area is clean, well-lit, and free from obstructions.
- 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.
- Disconnect the battery pack before making any adjustments, changing accessories, or storing the tool.
- Use only NIBCO approved jaws and accessories with this tool.
- Do not modify the tool or its components.
- Store the tool and batteries in a dry, secure location out of reach of children.

3. PACKAGE CONTENTS

Verify that all items are present upon unpacking:

- NIBCO Pc-200M Mini Press Tool
- Set of Press Jaws
- Access Case
- Lithium Ion Batteries (2 included)
- Battery Charger (if applicable, check packaging)

4. SETUP AND PREPARATION

4.1 Battery Installation

1. Ensure the battery is fully charged before first use. Refer to the charger's instructions for proper charging procedures.
2. Locate the battery compartment on the tool.
3. Align the battery pack with the slot and slide it in until it clicks securely into place.
4. To remove, press the battery release button and slide the battery out.

4.2 Attaching Press Jaws

1. Ensure the tool is powered off and the battery is removed for safety.
2. Open the jaw retention pins or mechanism on the tool head.
3. Select the correct size and type of press jaws for the fitting you intend to press.
4. Insert the jaws into the tool head, ensuring they are fully seated and aligned.
5. Secure the jaws by closing the retention pins or mechanism. Verify that the jaws are firmly attached and cannot be easily dislodged.

5. OPERATING INSTRUCTIONS

5.1 General Operation

Always follow the fitting manufacturer's instructions for pipe preparation and fitting installation.

1. **Prepare the Pipe and Fitting:** Cut the pipe squarely, deburr the edges, and clean the pipe and fitting surfaces as recommended by the fitting manufacturer.
2. **Insert Pipe into Fitting:** Fully insert the pipe into the press fitting. Ensure proper alignment.
3. **Open Press Jaws:** Activate the tool to open the press jaws to their maximum extent.
4. **Position Jaws:** Place the open jaws squarely over the fitting's press bead. Ensure the jaws are centered and fully encompass the fitting.
5. **Initiate Press Cycle:** Activate the tool to begin the pressing cycle. The jaws will close, compressing the fitting onto the pipe.
6. **Complete Press Cycle:** Allow the tool to complete its full pressing cycle. The jaws will typically open automatically or require a release trigger once the press is complete.
7. **Inspect Connection:** Visually inspect the pressed connection to ensure it is properly formed and secure. Refer to the fitting manufacturer's guidelines for acceptable press indications.

6. MAINTENANCE

Proper maintenance ensures the longevity and reliable performance of your NIBCO Pc-200M Mini Press Tool.

- **Cleaning:** After each use, wipe down the tool and jaws with a clean, dry cloth to remove any dirt, debris, or moisture. Do not use harsh chemicals or solvents.
- **Battery Care:** Store batteries in a cool, dry place. Do not expose them to extreme temperatures. Charge batteries regularly, even if not in use, to maintain their health.
- **Jaw Inspection:** Regularly inspect the press jaws for wear, damage, or deformation. Worn or damaged jaws can lead to improper presses and should be replaced immediately.
- **Tool Inspection:** Periodically check the tool for any signs of damage, loose fasteners, or unusual operation.
- **Hydraulic System:** The Pc-200M Mini Press Tool contains a hydraulic system. Regular inspection for hydraulic fluid leaks is recommended to ensure optimal performance and longevity. If leaks are detected or performance degrades, contact NIBCO customer support or an authorized service center.
- **Storage:** Store the tool, jaws, and batteries in the provided access case in a dry, secure environment.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Pc-200M Mini Press Tool.

Problem	Possible Cause	Solution
Tool does not power on	Battery not charged Battery not properly inserted Battery faulty	Charge battery Reinsert battery securely Try a different battery; contact support if issue persists
Jaws do not close fully or press is incomplete	Incorrect jaw size/type Obstruction in jaws Low battery power Tool malfunction	Ensure correct jaws are used Clear any debris Charge or replace battery Contact NIBCO customer support
Tool is leaking fluid	Hydraulic system damage Seal failure	Immediately cease operation. This requires professional service. Contact NIBCO customer support.
Jaws are difficult to attach/remove	Debris in jaw mechanism Retention pins/mechanism stiff	Clean jaw mechanism Apply a small amount of lubricant to pins/mechanism (avoiding jaw pressing surfaces)

8. TECHNICAL SPECIFICATIONS

Key specifications for the NIBCO Pc-200M Mini Press Tool:

- **Model Number:** GID-127726
- **ASIN:** B00PM8MF0I
- **Manufacturer:** NIBCO, Inc.
- **Power Source:** Battery-powered
- **Battery Type:** Lithium Ion (2 required, included)
- **Item Weight:** 18.11 pounds
- **Package Dimensions:** 18.8 x 15.8 x 4.3 inches
- **Date First Available:** October 2, 2013

9. WARRANTY AND CUSTOMER SUPPORT

NIBCO stands behind the quality of its products. For specific warranty information, please refer to the warranty card included with your product or visit the official NIBCO website. If you require technical assistance, replacement parts, or service, please contact NIBCO customer support directly. Ensure you have your model number (GID-127726) and purchase information available when contacting support.

NIBCO Customer Support: Please visit www.nibco.com for contact information and further resources.