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› Motion Pro 12-0083 Stepless Clamp Fuel Line Fittings Kit with Pincer Tool - 80 Piece Instruction Manual

Motion Pro 12-0083

Motion Pro 12-0083 Stepless Clamp Fuel Line Fittings Kit

INSTRUCTION MANUAL

1. INTRODUCTION

This manual provides detailed instructions for the proper use, setup, and maintenance of the Motion Pro 12-0083 Stepless Clamp Fuel Line Fittings Kit. This kit is designed for securing fuel lines with stepless clamps using the included pincer tool. Please read this manual thoroughly before use to ensure safe and effective operation.

WARNING: This kit is not for use with fuel injection systems.

2. COMPONENTS INCLUDED

The Motion Pro 12-0083 kit includes the following components:

- Motion Pro Side Jaw Pincer Tool
- 80 assorted stepless fuel line clamps
- Convenient storage case
- Fuel line clamp size chart



Image: The Motion Pro 12-0083 kit, showing the clear plastic storage case containing various stepless clamps, and the blue-handled Motion Pro Side Jaw Pincer Tool alongside several loose clamps.

3. SAFETY INFORMATION

- Always wear appropriate personal protective equipment, including safety glasses, when working with tools and fuel systems.
- Ensure the work area is well-ventilated and free from ignition sources when working with fuel.
- Handle fuel lines and components with care to prevent leaks or damage.
- Keep the pincer tool and clamps out of reach of children.
- Do not modify the pincer tool or clamps. Use them only for their intended purpose.
- Verify the correct clamp size for the application to ensure a secure fit.

4. SETUP

1. Identify the fuel line requiring a clamp.
2. Consult the included fuel line clamp size chart to select the appropriate stepless clamp for your application. Ensure the clamp size matches the outer diameter of the hose to be secured.
3. Open the storage case and retrieve the selected clamp and the Motion Pro Side Jaw Pincer Tool.

5. OPERATING INSTRUCTIONS

Follow these steps to properly install a stepless clamp:

1. Slide the selected stepless clamp over the end of the fuel line or hose before connecting it to the fitting.
2. Connect the fuel line securely to the fitting.
3. Position the stepless clamp over the connection point, ensuring it is centered and fully encompasses the hose and

fitting.

4. Open the jaws of the Motion Pro Side Jaw Pincer Tool.
5. Place the ears of the stepless clamp into the jaws of the pincer tool. The tool is designed to crimp the ear of the clamp.
6. Slowly and firmly squeeze the handles of the pincer tool until the clamp's ear is fully crimped. The clamp should be snug and secure, providing a tight seal without damaging the hose.
7. Inspect the installed clamp to ensure it is properly seated and provides a leak-free connection.

6. MAINTENANCE

- **Pincer Tool:** Keep the pincer tool clean and dry. Periodically apply a light coat of oil to the pivot points to ensure smooth operation. Store the tool in its case to prevent damage.
- **Clamps:** Store unused clamps in the provided case to keep them organized and protected from corrosion or damage.
- **General:** Regularly inspect all components for wear or damage. Replace any damaged clamps immediately.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Clamp not securing hose tightly.	Incorrect clamp size; insufficient crimping.	Ensure correct clamp size is used. Re-crimp the clamp firmly, or replace with a new clamp if necessary.
Fuel leak after clamp installation.	Clamp not properly seated; damaged hose/fitting; clamp too loose/tight.	Remove and re-install the clamp, ensuring proper positioning and crimping. Inspect hose and fitting for damage. Replace if damaged.
Pincer tool not crimping effectively.	Tool jaws are worn or damaged; improper technique.	Inspect tool jaws for wear. Ensure the clamp ear is correctly positioned in the jaws. If tool is damaged, contact Motion Pro for support.

8. SPECIFICATIONS

- **Model:** Motion Pro 12-0083
- **Kit Contents:** 80 assorted stepless clamps, 1 Side Jaw Pincer Tool
- **Material:** Metal (Tool and Clamps)
- **Item Weight:** Approximately 2.1 Pounds (Kit)
- **Product Dimensions:** Approximately 1 x 1 x 1 inches (Packaging)
- **Manufacturer:** Motion Pro

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Motion Pro 12-0083 Stepless Clamp Fuel Line Fittings Kit, please refer to the official Motion Pro website or contact their customer service directly. Keep your purchase receipt for warranty claims.

Motion Pro, Inc.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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