

Pro'sKit 902-276

Pro'sKit 902-276 Crimper, CrimPro with Spark Plug Die Instruction Manual

Model: 902-276

1. INTRODUCTION

Welcome to the Pro'sKit 902-276 Crimper, CrimPro with Spark Plug Die instruction manual. This tool is engineered for precise crimping of spark plug wires, ensuring reliable electrical connections. It features heavy-duty, oil-hardened, and tempered steel construction for durability and an ergonomic grip for comfortable use.

This manual provides essential information for the safe and effective operation, maintenance, and care of your crimper.

2. SAFETY INFORMATION

Always observe the following safety precautions when using the Pro'sKit 902-276 Crimper:

- Wear appropriate personal protective equipment, including safety glasses, to protect against flying debris.
- Ensure the workpiece is stable and secure before beginning any crimping operation.
- Do not use the tool for purposes other than its intended use (crimping spark plug wires).
- Keep hands and fingers clear of the crimping jaws during operation to prevent injury.
- Inspect the tool for damage before each use. Do not use if damaged.
- Store the tool in a dry place to prevent rust and corrosion.

3. PRODUCT OVERVIEW

The Pro'sKit 902-276 Crimper is a versatile tool designed for cutting, stripping, and crimping spark plug wires up to 8.5mm in diameter. Its integral ratcheting mechanism ensures high crimping quality.



Image: Pro'sKit 902-276 Crimper, showing the tool's overall design with ergonomic handles and crimping jaws. This tool is designed for precision and durability in automotive applications.

4. SETUP

The Pro'sKit 902-276 Crimper is ready for use out of the package. No assembly is required.

1. **Inspection:** Before first use, inspect the tool for any signs of damage or manufacturing defects.
2. **Familiarization:** Familiarize yourself with the tool's components: the handles, the crimping jaws, the cutting blade, and the stripping mechanism.

5. OPERATING INSTRUCTIONS

Follow these steps for effective crimping of spark plug wires:

1. **Prepare the Wire:**

- **Cutting:** Use the integrated cutting blade to cut the spark plug wire to the desired length. Ensure a clean, straight cut.
 - **Stripping:** Carefully insert the end of the spark plug wire into the appropriate stripping slot. Close the handles firmly to strip the insulation without damaging the conductor. The tool is designed for a maximum plug wire diameter of 8.5mm.
2. **Insert Terminal:** Place the spark plug terminal into the correct crimping die on the tool. Ensure it is seated properly.
3. **Insert Wire:** Insert the stripped end of the spark plug wire into the terminal, ensuring the conductor makes full contact.
4. **Crimping:**
- Hold the wire and terminal firmly in place.
 - Squeeze the handles of the crimper together with steady pressure. The integral ratcheting mechanism will ensure a complete crimp cycle.
 - Continue squeezing until the ratchet releases, indicating a full crimp has been achieved.
5. **Verify Crimp:** Release the handles and remove the crimped wire. Inspect the crimp for tightness and proper formation. The connection should be secure and not easily pulled apart.

6. MAINTENANCE

Proper maintenance ensures the longevity and performance of your Pro'sKit 902-276 Crimper.

- **Cleaning:** After each use, wipe down the tool with a clean, dry cloth to remove any debris, grease, or moisture.
- **Lubrication:** Periodically apply a light coat of machine oil to the pivot points and moving parts to ensure smooth operation and prevent rust.
- **Storage:** Store the crimper in a dry environment to prevent corrosion. Avoid storing in damp or humid conditions, as this can lead to rust formation on the steel components.
- **Inspection:** Regularly check the crimping jaws, cutting blade, and stripping slots for wear or damage. Replace the tool if significant wear or damage is observed.

7. TROUBLESHOOTING

If you encounter issues while using your Pro'sKit 902-276 Crimper, consider the following:

- **Poor Crimp Quality:**
 - Ensure the correct crimping die is selected for the terminal size.
 - Verify the wire is stripped to the correct length and fully inserted into the terminal.
 - Apply consistent and full pressure until the ratchet mechanism releases.
- **Wire Slipping:**
 - Confirm the wire is securely held in the stripping or crimping slot.
 - Check if the wire diameter exceeds the tool's maximum capacity (8.5mm).
- **Tool Sticking/Stiff Operation:**
 - Clean the tool thoroughly to remove any accumulated debris.
 - Apply lubricant to the pivot points and moving parts.

• **Rust Formation:**

- Ensure the tool is cleaned and dried after each use.
- Store the tool in a dry, low-humidity environment. Apply a rust preventative oil if storing for extended periods.

8. SPECIFICATIONS

Feature	Detail
Model Number	902-276
Brand	Pro'sKit
Material	Oil-hardened and tempered steel (tool body), Thermoplastic Elastomer (TPE) (handle)
Functions	Cuts, Strips, Crimps
Max. Plug Wire Diameter	8.5 mm
Product Dimensions	33.02 x 12.7 x 0.1 cm (13.0" L x 5.0" W x 1.0" H)
Weight	633 g
Grip Type	Ergonomic
UPC	635189706018, 759173054180, 617293014906

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Pro'sKit 902-276 Crimper, please contact Pro'sKit customer service directly. Refer to the packaging or the official Pro'sKit website for the most current contact details and warranty terms.

Manufacturer Contact Information: Amelia Court House, VA 23002, USA.

ASK A QUESTION ABOUT THIS MANUAL

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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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