

NEXTORCH PIONEER

PIONEER 14-IN-1 Multi-tool Instruction Manual

Model: PIONEER

INTRODUCTION

The NEXTORCH PIONEER 14-IN-1 Multi-tool is a heavy-duty, versatile tool designed for a wide range of applications, including emergency response, outdoor activities, and everyday tasks. Crafted from high-quality stainless steel with a stone washing finish, it offers durability and resistance to scratches. Its compact and foldable design ensures portability, making it an essential companion for professionals and enthusiasts alike.



Figure 1: The PIONEER 14-IN-1 Multi-tool and its included nylon sheath.

Safety Information

- Always handle the multi-tool with care. Blades and sharp edges can cause injury.
- Keep fingers clear of moving parts when opening or closing tools.
- Ensure tools are fully locked into place before applying force during use.
- Keep out of reach of children.
- Do not use the tool for purposes other than its intended design.
- Regularly inspect the tool for any damage or wear. Do not use if damaged.

Components and Features

The PIONEER multi-tool integrates 14 essential functions, each designed for reliability and efficiency.



Figure 2: Overview of the PIONEER Multi-tool's 14 functions.

Tool List:

1. **Needle Nose Pliers:** For precision gripping and bending small objects.
2. **Regular Pliers:** Standard pliers for general gripping tasks.
3. **Premium Replaceable Wire Cutters:** Designed for cutting various types of wires.
4. **Premium Replaceable Hard-Wire Cutters:** For tougher wire cutting applications.
5. **Nylon Handcuff Scissors / Trauma Shears:** Specialized shears for cutting through tough materials like fabric, leather, plastic, and zip ties. Features a round tip design to prevent secondary injuries.
6. **Cutting Hook / Strap Cutter:** For quickly cutting straps, cords, or seatbelts in emergency situations.
7. **Saw:** A sharp saw blade for cutting wood or other fibrous materials.
8. **Knife Blade:** A sharp, versatile blade for general cutting tasks.
9. **Ruler:** Integrated ruler for quick measurements.
10. **Back Clip / Pocket Clip:** For secure attachment to a belt or pocket, ensuring easy access.
11. **Oxygen Bottle Wrench:** A specialized wrench for opening oxygen tank valves.
12. **Bottle Opener:** For opening bottled beverages.
13. **Flat Head Screwdriver:** A flat-head tip for various screw types.
14. **Replacement Accessories:** Includes components for maintaining replaceable parts.

A Combination Of Full-Size Rescue Shears & Pliers

Patented Design Two Full-Size Tools



Figure 3: Detailed view of the full-size rescue shears and pliers.

Full Size Rescue Shears

Spring loaded shears are easier to use and reduce fatigue, and quickly cut through fabric, leather, plastic, and other materials to easily deal with any situation.



Round tip design to prevent secondary injuries

Easy to cut with the serrated edge design and will avoid getting stuck while cutting cloth

Figure 4: The spring-loaded rescue shears feature a serrated edge for efficient cutting.

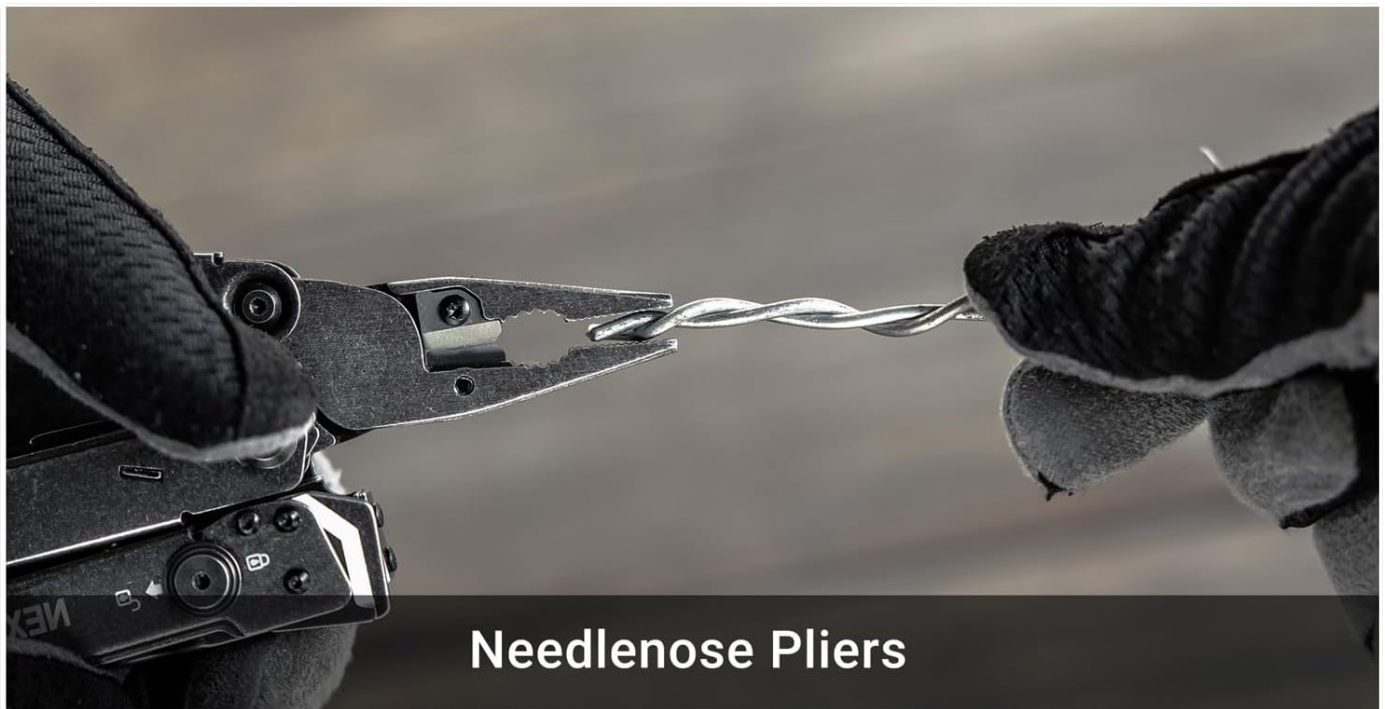


Figure 5: Demonstrating the use of the needlenose pliers.

More Functions



Saw



(Optional key version)

Flat head
screwdriver



Bottle opener



Seatbelt cutter



Oxygen tank
wrench



Ruler

Figure 6: The dedicated plastic cable tie cutter with slide latch mechanism.

SETUP

The PIONEER multi-tool comes ready for use. No assembly is required. It is recommended to familiarize yourself with the location and operation of each tool before critical use.

Unfolding and Accessing Tools:

- To access the pliers and shears, unfold the two main handles of the multi-tool. They will click into place when fully extended.
- Individual tools like the knife, saw, and bottle opener can be deployed by gently pulling them out from their stored position within the handles.
- Some tools, such as the knife and saw, feature a locking mechanism for safety. Ensure they are fully locked before use and disengage the lock before folding them back into the handle.



Figure 7: The multi-tool in its unfolded state, ready for use.

Carrying the Multi-tool:

The PIONEER multi-tool is designed for everyday carry. It includes a back clip for attaching to a belt or pocket, and a durable nylon sheath for secure storage and transport.

Nylon Sheath

The Pioneer nylon sheath can be carried on a tactical backpack, belt, or any other MOLLE panel.



Figure 8: The compact design allows for easy pocket carry.

OPERATING INSTRUCTIONS

This section provides guidance on using the various tools integrated into your PIONEER multi-tool.

Using the Pliers and Wire Cutters:

- Unfold the multi-tool handles until the pliers are fully extended and locked.
- Use the needle nose section for fine work and the regular pliers for general gripping.
- The integrated wire cutters are located at the base of the pliers. Position the wire between the cutting jaws and squeeze the handles firmly.
- The premium replaceable wire cutters and hard-wire cutters are designed for specific wire types. Ensure you use the appropriate section for the material to prevent damage.

Plastic Cable Tie Cutter

The single-edge blade design and ergonomic right-angle blade cut cable ties quickly and easily.



Figure 9: Using the integrated wire cutters.

Using the Rescue Shears:

- The rescue shears are spring-loaded for ease of use. Unfold them completely until they are ready to operate.
- The serrated edge is effective for cutting through tough materials.
- The round tip design helps prevent accidental punctures or secondary injuries during use, especially in emergency situations.

Using the Plastic Cable Tie Cutter:

- Locate the dedicated cable tie cutter. It features a single-edge blade and an ergonomic right-angle design.
- Slide the latch to unlock the cutter, position the cable tie, and apply pressure to cut.

Other Tools:

- **Knife and Saw:** Carefully deploy the desired blade. Ensure it locks into place before use. Always cut away from

your body.

- **Strap Cutter:** Position the strap or cord into the cutting hook and pull to sever.
- **Oxygen Bottle Wrench:** Align the wrench with the oxygen bottle valve and turn to operate.
- **Flat Head Screwdriver:** Use for appropriate screw types.
- **Bottle Opener:** Standard bottle opener function.



Figure 10: Demonstrations of various auxiliary tools.

Official Product Videos:

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Video 1: A short preview showcasing the PIONEER MT20 14-IN-1 Multi-tools in action. This video highlights the compact nature and quick deployment of some key features.

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Video 2: This video demonstrates the NEXTORCH Pioneer 14-IN-1 Multitool's utility for outdoor emergency situations, showing various

MAINTENANCE

- **Cleaning:** After each use, especially in dirty or wet conditions, clean the multi-tool with a damp cloth. For stubborn dirt, use a small brush. Ensure all parts are dry before storage to prevent rust.
- **Lubrication:** Periodically apply a small amount of light machine oil to the pivot points and moving parts to ensure smooth operation. Wipe off any excess oil.
- **Blade Sharpening:** The knife and saw blades may require sharpening over time. Use a suitable sharpening stone or tool, following proper sharpening techniques.
- **Storage:** Store the multi-tool in its nylon sheath in a dry environment to protect it from moisture and damage.
- **Replaceable Parts:** The wire cutters are replaceable. Refer to the manufacturer's guidelines for replacement procedures and compatible parts.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Tools are stiff or difficult to open/close.	Accumulation of dirt or lack of lubrication.	Clean the tool thoroughly and apply a small amount of lubricant to pivot points.
Blades are dull.	Normal wear and tear from use.	Sharpen the blades using a suitable sharpening stone.
Wire cutters are not cutting effectively.	Worn or damaged cutting edges.	Inspect the replaceable wire cutters. Replace if worn or damaged.
Tool feels loose or wobbly.	Loose screws or worn pivots.	Check for loose screws and tighten if necessary. If pivots are worn, contact customer support.

SPECIFICATIONS

Brand: NEXTORCH

Model: PIONEER

Material: Stainless Steel

Number of Tools: 14

Item Dimensions (L x W x H): 4.29 x 1.54 x 1.1 inches (109mm x 39mm x 28mm)

Item Weight: 14.9 ounces (approx. 268 grams)

Metal Hardness: >HRC54 (50Cr15MoV high-quality alloy steel)

Included Components: Nylon handcuff scissors, ruler, needle nose pliers, regular premium replaceable wire cutters, hard-wire cutting hook, replacement accessories, saw, back clip, oxygen bottle wrench and opener.

WARRANTY AND SUPPORT

NEXTORCH products are designed for durability and performance. For specific warranty details and support inquiries, please refer to the official NEXTORCH website or contact their customer service directly.

Manufacturer: NEXTORCH

Website: www.nextorch.com (Please check the official website for the most current contact and warranty information.)
For any issues not covered in this manual, or for parts replacement, please reach out to NEXTORCH customer support.

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