Wiha 30704

Wiha 30704 Insulated SoftFinish Xeno Screwdriver User Manual

Model: 30704

1. Introduction

This manual provides essential information for the safe and effective use of your Wiha 30704 Insulated SoftFinish Xeno Slotted/Phillips Driver. This tool is designed for working with combination head screws, commonly found in electrical applications, and features insulation for enhanced safety during electrical work.
The Wiha 30704 combines a Phillips #2 tip with a slotted tip profile, making it suitable for screws that accept both types. Its insulated design protects against electrical shock up to 1000 Volts AC or 1500 Volts DC.

2. Safety Information

WARNING: Always prioritize safety when working with tools, especially electrical tools.

- **Insulation Protection:** This screwdriver is insulated and tested to 1000V AC / 1500V DC. Always inspect the insulation for any damage (cuts, cracks, abrasions) before each use. **DO NOT USE** if insulation is damaged.
- **Voltage Limits:** Only use this tool on circuits within its rated voltage limits.
- **Proper Application:** Use the correct size and type of screwdriver for the fastener. Improper use can damage the fastener, tool, or cause injury.
- **Live Circuits:** Exercise extreme caution when working on or near live electrical circuits. Always de-energize circuits if possible.
- **Non-Sparking/Non-Magnetic:** This tool is non-sparking and non-magnetic.
- **Eye Protection:** Always wear appropriate eye protection when using hand tools.

3. Product Overview

Figure 1: Wiha 30704 Insulated SoftFinish Xeno Screwdriver. This image shows the red and yellow insulated handle, the insulated shank, and the specialized Xeno tip.

The Wiha 30704 features a multi-component SoftFinish handle designed for comfort and optimal torque transfer. The insulated shank extends from the handle to the tip, providing protection against electrical hazards. The Xeno tip is specifically engineered to fit combination head screws, which often have both a Phillips recess and a slotted drive feature.

Figure 2: Wiha tools are engineered with German expertise and produced to strict quality standards.

4. Setup and Preparation

1. **Inspect the Tool:** Before each use, visually inspect the screwdriver for any signs of damage, especially to the insulation on the handle and shank. Ensure the tip is not worn or bent.
2. **Identify Fastener Type:** Confirm that the fastener you intend to work with is a combination head screw compatible with a Phillips #2 and slotted profile.
3. **Clear Work Area:** Ensure your work area is clear of obstructions and potential hazards.

5. Operating Instructions

1. **Select the Correct Tool:** Use the Wiha 30704 for combination head screws that require a Phillips #2 and slotted drive.
2. **Engage the Fastener:** Place the Xeno tip into the head of the screw. The unique design allows for a secure fit in both the Phillips recess and the slotted portion of the screw head.
3. **Apply Pressure:** Apply firm, steady downward pressure to the handle to keep the tip fully engaged with the screw head.
4. **Rotate:** Turn the handle clockwise to tighten or counter-clockwise to loosen the screw. Maintain consistent pressure and rotation to prevent cam-out (the tip slipping out of the screw head).
5. **Avoid Over-tightening:** Tighten screws only to the required torque specification to prevent damage to the screw or workpiece.

6. Maintenance and Care

- **Cleaning:** Wipe the screwdriver clean with a dry cloth after each use. For stubborn grime, use a mild detergent and water, then dry thoroughly. Do not use harsh chemicals or solvents that could damage the insulation.
- **Storage:** Store the screwdriver in a dry place, away from extreme temperatures and direct sunlight. Protect the tip from impact or bending.
- **Regular Inspection:** Periodically inspect the tip for wear and the insulation for any damage. A worn tip can lead to cam-out and damage to fasteners. Damaged insulation compromises safety.

7. Troubleshooting

- **Issue:** Screwdriver tip slips or cams out of the screw head.
  Solution: Ensure you are applying sufficient downward pressure. Verify the screw head is clean and free of debris. Check if the screw is indeed a combination head compatible with the Xeno tip. If the tip is worn, consider replacing the tool.
- **Issue:** Insulation appears damaged.
  Solution: IMMEDIATELY DISCONTINUE USE. Damaged insulation can lead to severe electrical shock. Replace the screwdriver.
- **Issue:** Difficulty turning a screw.
  Solution: Ensure the screw is not stripped or seized. Apply penetrating oil if necessary for seized screws. Do not force the tool, as this can cause damage to the screw, tool, or injury.

8. Specifications

Brand	Wiha
Model Number	30704
Tip Type	Xeno (Slotted/Phillips Combination)
Tip Size	#2 Phillips equivalent
Overall Length	8 1/2 inches (215.9 mm)
Shank Length	100 mm
Insulation Rating	1000 Volts AC / 1500 Volts DC
Material	High-quality tool steel, insulated handle (Blend)
Special Features	Insulated, SoftFinish Handle, Xeno Tip
Item Weight	3.52 ounces

9. Warranty and Support

Wiha tools are manufactured to high standards of quality and durability. For specific warranty information or technical support, please refer to the official Wiha website or contact Wiha customer service directly. Keep your purchase receipt for any warranty claims.
For more information, visit the Wiha Store on Amazon.

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