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› VESSEL Ball Grip Tang-Thru Screwdriver +2x150 (6") No.230 230P2150 Instruction Manual

VESSEL 230P2150

VESSEL Ball Grip Tang-Thru Screwdriver +2x150 (6") No.230

INSTRUCTION MANUAL

Introduction

Thank you for choosing the VESSEL Ball Grip Tang-Thru Screwdriver, Model 230P2150. This manual provides essential information for the safe and effective use, maintenance, and care of your new tool. Please read these instructions carefully before use and retain them for future reference.



Image: The VESSEL Ball Grip Tang-Thru Screwdriver 230P2150, featuring a purple and black ergonomic handle, a metal shaft, and a Phillips head tip. The model number and brand are visible on the shaft.

Safety Information

Always observe basic safety precautions when using hand tools to reduce the risk of injury. This screwdriver is designed for specific tasks; using it for unintended purposes may cause damage to the tool or injury to the user.

- Wear appropriate personal protective equipment, such as safety glasses, when using hand tools.
- Ensure the screwdriver tip matches the screw head size and type to prevent stripping the screw or damaging the tip.
- Do not use the screwdriver as a pry bar or chisel.
- Keep hands and fingers clear of the work area.
- Store the tool in a dry, secure place, out of reach of children.

Product Features

The VESSEL Ball Grip Tang-Thru Screwdriver 230P2150 is engineered with several features for enhanced performance

and durability:

- **Ergonomic Ball Grip:** Designed for anti-fatigue use and versatile handling, allowing for various driving methods.
- **Star-shaped Steel Cap:** Integrated for light hammering applications, providing additional utility.
- **VESSEL's Original Phillips Tip Profile:** Optimized for superior fitting, especially with Japanese Industrial Standard (JIS) screws.
- **High Wear-Resistance Blade:** Fully hardened blade through optimal heat treatment ensures durability.
- **High Precision Black Point Tip:** Provides accurate engagement with screw heads.
- **Anti-corrosion Chrome Plated Blade:** Enhances the longevity and resistance to rust of the blade.

Setup

The VESSEL Ball Grip Tang-Thru Screwdriver requires no complex setup. It is ready for immediate use upon unboxing.

1. **Unpack:** Carefully remove the screwdriver from its packaging.
2. **Inspect:** Before first use, visually inspect the screwdriver for any signs of damage or manufacturing defects. Ensure the tip is intact and the handle is securely attached to the shaft.
3. **Clean (Optional):** If desired, wipe the tool with a clean, dry cloth to remove any dust or residue from packaging.

Operating Instructions

Follow these steps for effective and safe operation of your screwdriver:

1. **Select Correct Tip:** Ensure the +2 Phillips tip of this screwdriver matches the screw head you intend to drive or remove. Using the wrong size or type can damage the screw head or the screwdriver tip. This screwdriver is specifically designed for JIS (Japanese Industrial Standard) Phillips screws, which have a slightly different profile than standard Phillips screws, offering a better fit and reducing cam-out.
2. **Positioning:** Place the screwdriver tip firmly into the screw head, applying downward pressure to prevent cam-out.
3. **Turning:** Rotate the screwdriver clockwise to tighten screws or counter-clockwise to loosen them. The ergonomic ball grip provides comfort and allows for firm grip and torque application.
4. **Tang-Thru Feature (for light hammering):** For situations requiring additional force to loosen a stubborn screw or to seat a screw, the star-shaped steel cap at the end of the handle allows for light hammering. **Caution:** Use only light taps. Excessive force can damage the screwdriver, the workpiece, or cause injury. This feature is intended for assistance, not as a primary hammering tool.
5. **Maintain Control:** Always maintain a firm grip on the handle and control the rotation to avoid slipping.

Maintenance

Proper maintenance will extend the life and performance of your VESSEL screwdriver:

- **Cleaning:** After each use, wipe the blade and handle with a clean, dry cloth to remove dirt, grease, or debris. For stubborn grime, a mild detergent solution can be used, followed by thorough drying.
- **Storage:** Store the screwdriver in a dry environment to prevent rust. Avoid storing it in damp or corrosive conditions. A tool box or rack is recommended to protect the tip from damage.
- **Inspection:** Periodically inspect the tip for wear or damage. A worn tip can lead to stripped screws and reduced effectiveness.
- **Lubrication:** No lubrication is required for this tool.

Troubleshooting

If you encounter issues while using your screwdriver, consider the following:

- **Screwdriver slips from screw head (cam-out):**
 - Ensure you are applying sufficient downward pressure.
 - Verify the screw head is a +2 Phillips type, ideally JIS.
 - Check if the screwdriver tip is worn or damaged.
- **Screw head is stripping:**
 - This often indicates insufficient downward pressure or a misaligned tip.
 - The screw head might be damaged already.
 - Ensure the screw is not overtightened.
- **Difficulty loosening a tight screw:**
 - Apply steady, firm pressure and turn counter-clockwise.
 - Utilize the tang-thru feature with light taps on the steel cap if necessary, while maintaining rotational force.
 - Consider using a penetrating oil for rusted screws.

Specifications

Attribute	Detail
Brand	VESSEL
Model Name	230P2150
Part Number	230P2150
Head Style	JIS Phillips (+2)
Blade Length	150 mm (6 inches)
Handle Material	Plastic (Ball Grip)
Special Features	Ergonomic Ball Grip, Tang-Thru with Steel Cap for Hammering, High Wear-Resistance, Anti-corrosion Chrome Plated Blade, High Precision Black Point Tip
Item Weight	Approximately 1 pound
Power Source	Hand Powered
UPC	840921120384

Warranty and Support

For information regarding warranty coverage or technical support for your VESSEL Ball Grip Tang-Thru Screwdriver, please refer to the official VESSEL website or contact your authorized VESSEL dealer. Keep your purchase receipt as

proof of purchase.
Manufacturer: VESSEL
Date First Available: April 17, 2020

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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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