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Makita 650775-7

Makita 650775-7 Switch for HW1300 Rotary and Percussion Drill

Instruction Manual

Introduction

This instruction manual provides essential information for the proper installation, safe operation, and maintenance of the Makita 650775-7 switch. This genuine Makita replacement part is specifically designed for use with the Makita HW1300 rotary and percussion drill. Please read this manual thoroughly before attempting any installation or repair to ensure safe and effective use.

Safety Information

Always observe the following safety precautions when handling electrical components or performing repairs on power tools:

- **Disconnect Power:** Always ensure the power tool is unplugged from the power source before attempting any installation, maintenance, or repair work.
- **Qualified Personnel:** Installation and repair should only be performed by qualified and experienced personnel.
- **Genuine Parts:** Use only genuine Makita replacement parts to ensure compatibility and maintain product safety and performance.
- **Electrical Safety:** Be aware of electrical hazards. Do not touch live wires or components.
- **Tool Condition:** Inspect the tool and the new switch for any damage before installation. Do not install a damaged switch.
- **Proper Tools:** Use appropriate tools for disassembly and assembly to prevent damage to the switch or the drill.

Product Overview

The Makita 650775-7 switch is a critical component responsible for controlling the power supply and operational modes of your HW1300 rotary and percussion drill. It typically includes mechanisms for on/off control, variable speed, and potentially mode selection (e.g., rotary only, hammer drill). This switch ensures precise control over the tool's functions.



Figure 1: A general image of a Makita product (pressure washer). Please note that this image is for illustrative purposes of the brand and not a direct representation of the 650775-7 switch itself, which is a smaller internal component.

Setup and Installation

Installing the 650775-7 switch requires careful disassembly and reassembly of the Makita HW1300 drill. If you are not confident in your ability to perform this task, seek assistance from a qualified service technician.

1. **Prepare the Work Area:** Ensure a clean, well-lit work area. Gather necessary tools, including screwdrivers, pliers, and possibly a multimeter for testing.
2. **Disconnect Power:** **Crucially, unplug the drill from the power outlet.**
3. **Disassemble the Drill Casing:** Carefully remove the screws securing the drill's casing. Note the location and type of each screw. Gently separate the two halves of the casing.
4. **Locate and Remove Old Switch:** Identify the existing switch. Observe how it is connected to the motor wires and power cord. Take photos if necessary for reference during reassembly. Disconnect the wires from the old switch, noting their positions. Carefully remove the old switch from its housing.

5. **Install New Switch:** Place the new Makita 650775-7 switch into the housing. Connect the wires to the new switch, ensuring they are securely attached to the correct terminals. Refer to your photos or the drill's wiring diagram if unsure.
6. **Test Connections (Optional but Recommended):** Before closing the casing, you may perform a continuity test with a multimeter to ensure proper electrical connections.
7. **Reassemble the Drill Casing:** Carefully align the two halves of the drill casing, ensuring no wires are pinched. Secure the casing with the screws, tightening them firmly but without over-tightening.
8. **Final Check:** Before plugging in, ensure all parts are secure and the casing is properly closed.

Operating Instructions

Once the new switch is correctly installed, the operation of your Makita HW1300 drill should return to normal. The switch controls the following primary functions:

- **On/Off Function:** Pressing the trigger activates the drill, and releasing it stops the drill.
- **Variable Speed Control:** The trigger typically allows for variable speed control; pressing it further increases the drill's speed.
- **Lock-On Button:** If your drill model features a lock-on button, it allows continuous operation without holding the trigger. Engage it by pressing the trigger fully and then pressing the lock-on button. Release by pressing the trigger again.
- **Forward/Reverse Selector:** A separate lever or button near the trigger controls the direction of rotation. Ensure it is set to the desired direction before starting the drill.
- **Mode Selector (if applicable):** For percussion drills, there is often a selector for drilling only, or hammer drilling. Ensure this is set correctly for your task.

Always refer to your original Makita HW1300 drill manual for specific operational details and safety guidelines related to the drill itself.

Maintenance

The Makita 650775-7 switch is a sealed unit and generally requires no internal maintenance. However, proper care of your drill will extend the life of all its components, including the switch:

- **Keep Clean:** Regularly clean the exterior of your drill, especially around the switch area, to prevent dust and debris from entering. Use a soft, dry cloth. Do not use solvents.
- **Avoid Moisture:** Protect the drill and its switch from moisture and rain. Water ingress can damage electrical components.
- **Proper Storage:** Store the drill in a dry, secure place away from extreme temperatures.
- **Inspect Power Cord:** Periodically inspect the power cord for any damage. A damaged cord can affect the switch's performance and pose a safety risk.

Troubleshooting

If you experience issues after installing the new switch, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Drill does not turn on.	No power, faulty wiring connection, or faulty switch (unlikely if new).	Check power outlet and cord. Re-check switch wiring connections. Ensure the forward/reverse selector is not in the neutral position.
Drill runs intermittently.	Loose wiring connection at the switch or motor.	Disconnect power and re-check all internal wiring connections.

Problem	Possible Cause	Solution
Variable speed not working.	Incorrect switch installation or internal switch defect.	Verify switch installation. If problem persists, the switch may be defective (contact supplier).
Smoke or burning smell.	Electrical short, motor issue, or incorrect wiring.	**Immediately unplug the drill. Do not use. Seek professional repair.**

Specifications

The following specifications pertain to the Makita 650775-7 switch and related product information:

Manufacturer: Makita Werkzeug GmbH

Part Number: 650775-7

Compatibility: Makita HW1300 Rotary and Percussion Drill

Power Source Type: Electric Corded (component for)

Item Quantity: 1

Included Components: Switch

Batteries Required: No

Package Dimensions: Approximately 3 x 3 x 3 cm; 50 grams (for the switch)

ASIN: B09K821PH9

First Available Date on Amazon.fr: March 18, 2022

Warranty and Support

For information regarding warranty coverage for your Makita 650775-7 switch, please refer to the warranty documentation provided with your original purchase or contact Makita customer service directly. As a genuine Makita part, it is designed to meet the high standards of quality and durability expected from Makita products.
For technical support or service inquiries, please contact your local authorized Makita service center or visit the official Makita website for contact information.
Manufacturer: Makita Werkzeug GmbH

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