DEWENWILS B0D1FZ4CSX

DEWENWILS 15A GFCI Switch Outlet Combo Instruction Manual

Model: B0D1FZ4CSX

1. Introduction

This manual provides essential information for the safe installation, operation, and maintenance of your DEWENWILS 15A GFCI Switch Outlet Combo. This device integrates a Ground Fault Circuit Interrupter (GFCI) outlet with a single-pole switch, designed for enhanced electrical safety and convenience. It features tamper-resistant (TR) receptacles, weather-resistant (WR) construction, and an automatic self-test function with an LED indicator.
Please read this manual thoroughly before installation and retain it for future reference. Professional installation by a qualified electrician is recommended.

2. Safety Information

WARNING: RISK OF ELECTRIC SHOCK OR FIRE. IMPROPER INSTALLATION CAN LEAD TO SERIOUS INJURY OR DEATH.

- Always turn off power at the circuit breaker or fuse box before installing or servicing this device.
- Use only copper wire. Do not use with aluminum wire.
- Ensure all wire connections are secure and properly insulated.
- This device must be installed in a UL/ETL Listed electrical box.
- The integrated switch is rated for 10A. Ensure any connected load does not exceed this rating.
- For outdoor use, install in a weather-resistant enclosure.
- Test the GFCI monthly to ensure proper function.
- If you are unsure about any part of these instructions, consult a qualified electrician.

3. Package Contents

- DEWENWILS 15A GFCI Switch Outlet Combo (1 unit)

4. Specifications

Parameter	Value
Voltage/Frequency	125VAC/60Hz
Outlet Current Rating	15A
Switch Current Rating	10A
Material	Polycarbonate (PC)
Product Dimensions	4.4"L x 2.5"W x 1.65"D (approximate)
Features	Tamper-Resistant (TR), Weather-Resistant (WR), Self-Test, LED Indicator
Certifications	ETL Listed

5. Setup and Installation

Before beginning installation, ensure the power to the circuit is turned OFF at the service panel (circuit breaker or fuse box).

5.1 Wiring Instructions

This GFCI switch outlet combo can be wired in two primary configurations:

1. **Switch Control Socket:** The switch controls the power to the GFCI outlet itself.
2. **Switched Load:** The switch controls a separate load (e.g., a light fixture) while the GFCI outlet remains constantly powered.

Refer to the diagrams below for proper wiring connections. Always connect the ground wire first.

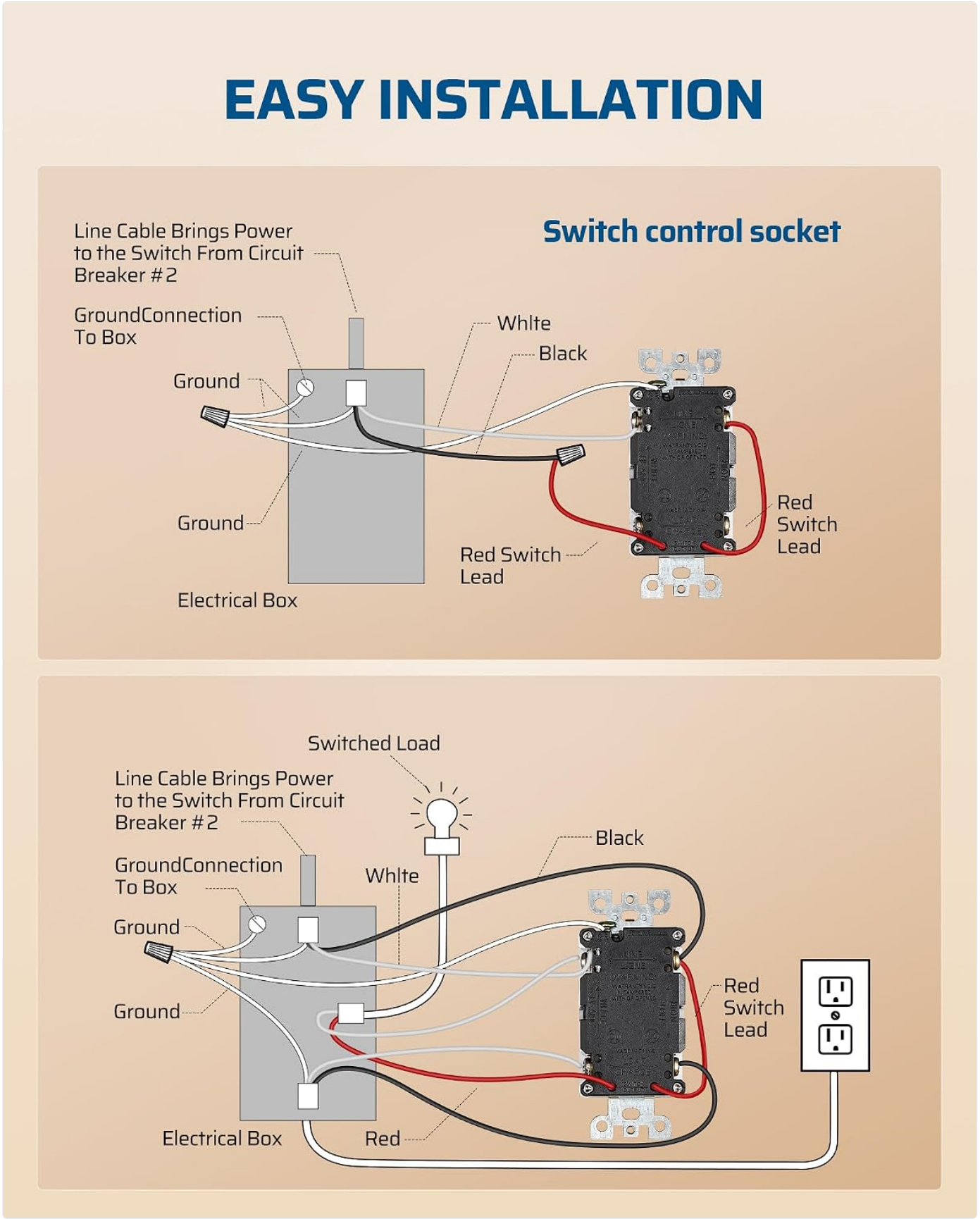


Figure 1: Wiring for Switch Control Socket. This diagram illustrates how to wire the GFCI combo so that the integrated switch controls the power to the GFCI outlet. The line cable brings power from the circuit breaker. The black wire connects to the hot terminal, the white wire to the neutral terminal, and the bare copper wire to the ground screw. The red switch lead connects to the hot terminal of the GFCI outlet.



Figure 2: Wiring for Switched Load. This diagram shows how to wire the GFCI combo so the switch controls a separate load, such as a light fixture, while the GFCI outlet remains independently powered. The line cable brings power from the circuit breaker. The black wire connects to the hot terminal, the white wire to the neutral terminal, and the bare copper wire to the ground screw. The red switch lead connects to the switched load, and a separate connection powers the GFCI outlet.

5.2 Installation Steps

1. **Turn Off Power:** Locate the circuit breaker or fuse that controls the outlet you are replacing and turn it OFF. Verify power is off using a voltage tester.
2. **Remove Old Device:** Carefully remove the existing wall plate and outlet/switch. Disconnect the wires, noting their connections.
3. **Prepare Wires:** Strip approximately 1/2 inch of insulation from the ends of the wires if necessary.
4. **Connect Wires:** Follow the appropriate wiring diagram (Figure 1 or Figure 2) for your desired configuration. Ensure tight connections.
5. **Mount Device:** Gently fold the wires into the electrical box and secure the GFCI switch outlet combo to the box using the provided screws.
6. **Install Wall Plate:** Attach the decorative wall plate.
7. **Restore Power:** Turn the power back ON at the circuit breaker.

6. Operating Instructions

6.1 GFCI Functionality

The GFCI (Ground Fault Circuit Interrupter) protects against electrical shock by detecting ground faults and quickly shutting off power. This device includes a self-test feature and LED indicators for status.

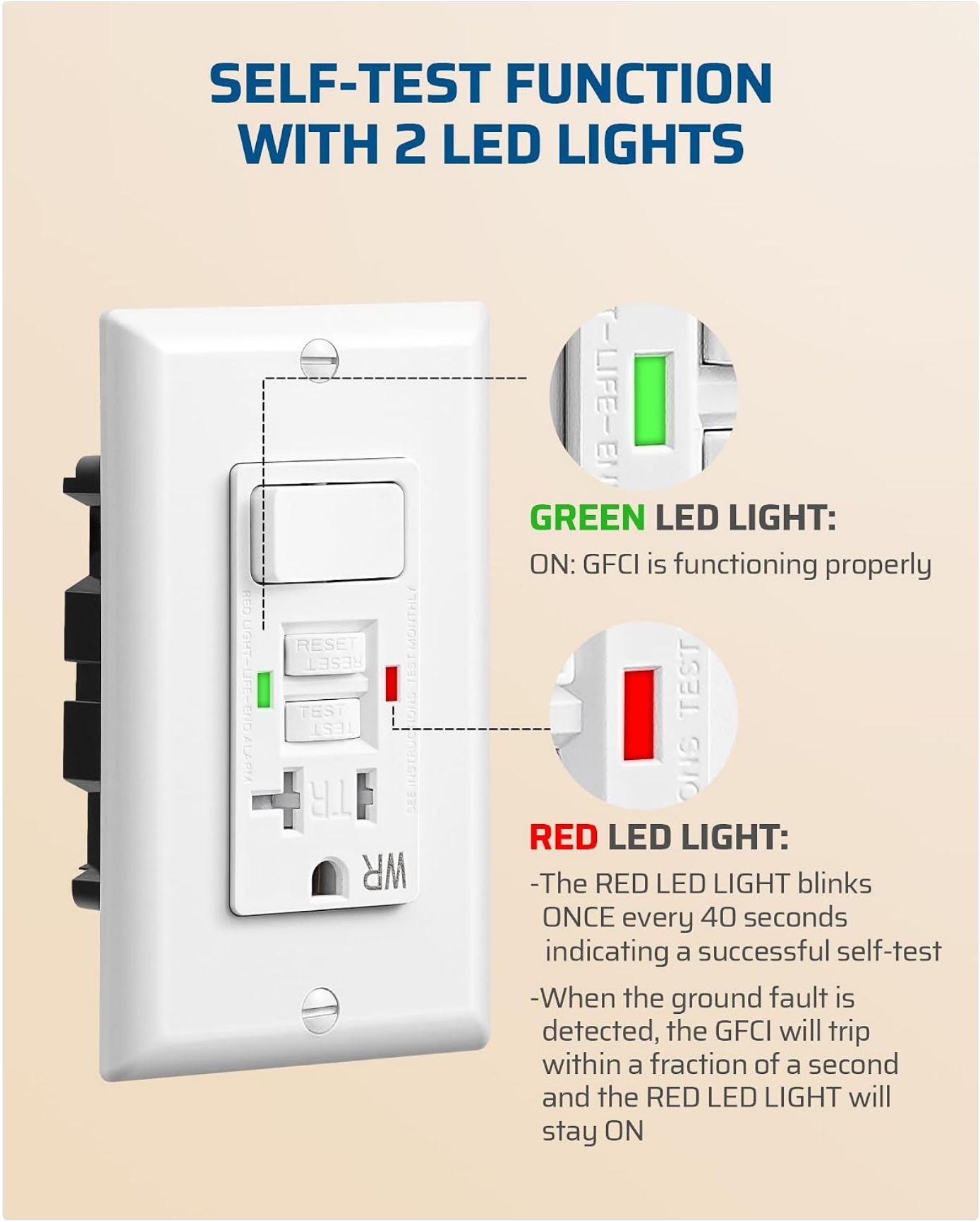


Figure 3: GFCI Self-Test Function with LED Lights. This image highlights the two LED indicators on the GFCI. The green LED indicates normal operation, while the red LED indicates a fault or self-test activity. The self-test occurs automatically every 40 seconds, causing the red light to flash briefly.

6.2 LED Indicator Status

- **Green LED ON:** The GFCI is functioning correctly and providing protection.
- **Red LED Blinks Briefly (every 40 seconds):** Indicates a successful automatic self-test.

- **Red LED ON (Solid):** A ground fault has been detected, and the GFCI has tripped, or the device is malfunctioning and requires replacement.

6.3 TEST and RESET Buttons

- **TEST Button:** Press this button to manually trip the GFCI and verify its protection function. The red LED should turn ON, and power to the outlet should be interrupted.
- **RESET Button:** After testing or a trip, press this button to restore power to the GFCI outlet. The green LED should turn ON.

6.4 Integrated Switch

The integrated switch operates as a standard single-pole switch. Depending on your wiring configuration (see Section 5.1), it will control either the GFCI outlet itself or a separate connected load.

7. Maintenance

- **Monthly Testing:** Press the TEST button, then the RESET button. The GFCI should trip and reset. If it does not, replace the unit.
- **Cleaning:** Clean the surface with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the device for any signs of damage or wear.

8. Troubleshooting

Problem	Possible Cause	Solution
GFCI will not reset (Red LED solid ON)	Ground fault detected; faulty GFCI; no power to GFCI	Unplug all devices from the GFCI and any downstream outlets. Press RESET. If it resets, plug devices back in one by one to identify the faulty device. If it still won't reset, check the circuit breaker. If power is present and no faulting device is found, the GFCI may be faulty and needs replacement.
GFCI trips frequently	Faulty appliance; moisture; overloaded circuit	Identify and remove the faulty appliance. Ensure the environment is dry. Reduce the load on the circuit.
No power to GFCI outlet	Circuit breaker tripped; loose wiring; GFCI tripped and not reset	Check and reset the circuit breaker. Verify wiring connections. Press the RESET button on the GFCI.
Switch does not control the intended load	Incorrect wiring	Review the wiring diagrams in Section 5.1 and ensure connections match your desired configuration.

9. Warranty and Support

For warranty information or technical support, please contact DEWENWILS customer service. Refer to the product packaging or the official DEWENWILS website for the most current contact details.
DEWENWILS Customer Service: Visit the DEWENWILS Store on Amazon

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Example: How do I reset this device or fix this error?

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