

Eaton TR1107W

Eaton TR1107W Tamper Resistant Decorator Duplex Receptacle Instruction Manual

1. INTRODUCTION AND OVERVIEW

The Eaton TR1107W Tamper Resistant Decorator Duplex Receptacle is designed to provide safe and reliable electrical connections in residential and commercial environments. This receptacle complies with the 2011 National Electrical Code (NEC) Article 406.12, which mandates tamper-resistant receptacles in dwelling units to enhance safety, particularly for children.

Key features include:

- Tamper-resistant design for enhanced safety.
- Durable, impact-resistant thermoplastic face and back body.
- Decorator style for modern aesthetics.
- Easy installation with backed-out terminal screws and built-in wire stripper.

2. SAFETY INFORMATION

WARNING: Risk of electric shock or electrocution. Improper installation can result in serious injury or death. Always turn off power at the circuit breaker or fuse box before installing or servicing this device. If you are unsure about any part of these instructions, consult a qualified electrician.

- Always disconnect power at the main service panel before working with electrical wiring.
- Use appropriate personal protective equipment (PPE), such as insulated gloves and safety glasses.
- Ensure all wire connections are secure and properly insulated.
- Do not exceed the specified electrical ratings of the device.
- This device is intended for indoor use only.
- Comply with all local and national electrical codes.

3. PACKAGE CONTENTS

The package contains one (1) Eaton TR1107W Tamper Resistant Decorator Duplex Receptacle.

4. INSTALLATION

Follow these steps for proper installation of your Eaton TR1107W receptacle:

1. **Turn Off Power:** Locate the circuit breaker or fuse that controls the power to the outlet where you will be installing the receptacle. Turn it OFF. Verify power is off using a voltage tester.
2. **Remove Old Receptacle (if applicable):** Carefully remove the wallplate and unscrew the old receptacle from the electrical box. Disconnect the wires, noting which wire was connected to which terminal.
3. **Prepare Wires:** Strip approximately 1/2 inch (12.7 mm) of insulation from the ends of the circuit wires. The receptacle features a built-in wire stripper for No.14 and No.12 wire to assist with this step.
4. **Connect Wires:** The Eaton TR1107W receptacle supports side-wire connections and accepts up to No.10 solid wire. Terminal screws are backed out and ready for wiring.
 - Connect the **green or bare copper ground wire** to the green grounding screw.
 - Connect the **white (neutral) wire** to the silver-colored terminal screws.
 - Connect the **black (hot) wire** to the brass-colored terminal screws.

Ensure all connections are tight and secure.

5. **Mount Receptacle:** Carefully fold the wires into the electrical box. Insert the receptacle into the box and secure it with the mounting screws provided. The extra long and extra wide mounting straps aid in stable installation.
6. **Install Wallplate:** Attach a compatible decorator wallplate (not included) over the receptacle.
7. **Restore Power:** Turn the power back ON at the circuit breaker or fuse box. Test the receptacle to ensure proper operation.








Figure 1: Front view of the Eaton TR1107W Tamper Resistant Decorator Duplex Receptacle. This image highlights the decorator style and the two tamper-resistant outlets.

5. OPERATION

The Eaton TR1107W is a tamper-resistant receptacle. This means it has an internal shutter mechanism that prevents foreign objects from being inserted into the slots. To insert a plug, apply even pressure to both prongs simultaneously. This will open the shutters and allow the plug to enter. If a plug does not insert easily, ensure both prongs are aligned and apply firm, even pressure.

6. MAINTENANCE

The Eaton TR1107W receptacle requires minimal maintenance. Periodically inspect the receptacle and wallplate for any signs of damage, such as cracks, discoloration, or loose connections. If any damage is observed, turn off power at the circuit breaker and replace the device immediately. Clean the surface with a soft, damp cloth; avoid abrasive cleaners or solvents.

7. TROUBLESHOOTING

- **No Power at Receptacle:**
 - Check the circuit breaker or fuse for the circuit. Reset the breaker or replace the fuse if tripped/blown.
 - Ensure all wire connections to the receptacle are secure. Turn off power before checking connections.
 - Test the receptacle with a known working appliance.
- **Plug Difficult to Insert:**
 - This is normal for tamper-resistant receptacles. Ensure both prongs of the plug are aligned and apply firm, even pressure simultaneously.
 - Do not force the plug, as this can damage the receptacle or the plug.
- **Receptacle is Hot to the Touch:**
 - Immediately disconnect power to the circuit. This could indicate an overload or a faulty connection. Consult a qualified electrician.

8. SPECIFICATIONS

Attribute	Value
Model	TR1107W
Brand	Eaton
Color	White
Voltage	125 Volts
Amperage	15 Amps
Material	Plastic

Product Dimensions (L x W)	3.8" x 1.5"
Total Power Outlets	2
Specification Met	NEMA, cULus
Item Weight	2.4 ounces

9. WARRANTY AND SUPPORT

For warranty information and technical support, please contact Eaton customer service directly. Refer to the official Eaton website or product packaging for the most current contact details and warranty terms.

Eaton Website: www.eaton.com