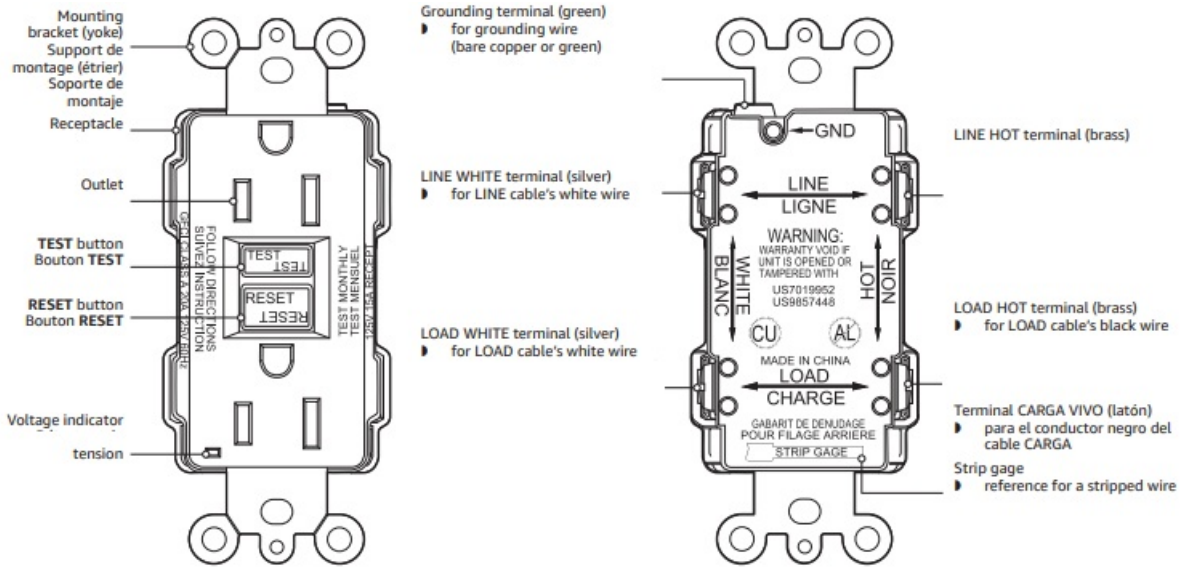
Amazon Basics 58487 Weather-Resistant GFCI Receptacle User Manual

Contents

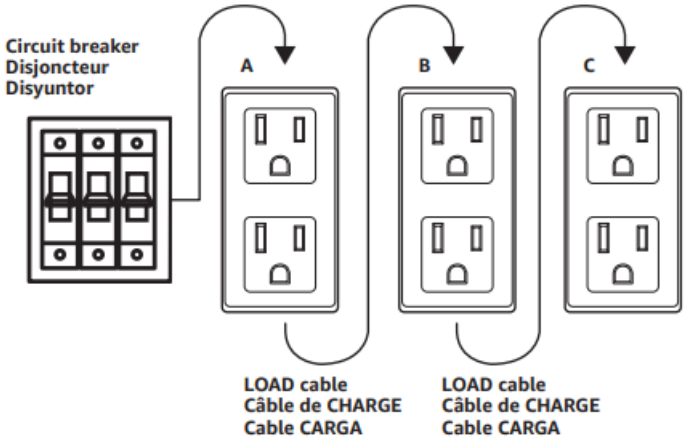
Amazon Basics

Amazon Basics 58487 Weather-Resistant GFCI Receptacle

Product Description



Installation Instruction



Important Safeguards

- Read these instructions carefully and retain them for future use. If this product is passed to a third party, then these instructions must be included.
- When using the product, basic safety precautions should always be followed to reduce the risk of injury including the following:

DANGER Risk of injury or death! Do not install the product on a circuit that powers life support equipment.

CAUTION

- Do not use the product in General Patient Care Areas or Critical Patient Care Areas. It has not been evaluated for use where Article 517 of the National Electrical Code requires Hospital Grade component.
- For installation in wet locations, protect the product with a suitable cover plate or outlet box hood that keep the product dry.
- It is recommended that a qualified electrician performs the installation, especially if you are unsure about any part of these instructions.

The installation must comply with all applicable local or national codes, including the latest edition of the following standards:

- For US: ANSI/NFPA70, National Electrical Code (NEC)
- For Canada: CSA C22.1, Parts I & II, Canadian Electrical Code
- For Mexico: Mexican Electrical Code
- This outlet is rated 125 V AC and must be connected to a suitable power source.
- Install only in a suitable UL-listed outlet box.
- Connect only to the terminal copper wire of 12 AWG or 14 AWG. Do not use with aluminum wires.
- Do not attempt to disassemble, repair, or modify the product.
- For domestic use only. Suitable to be installed in damp or wet locations, such as a bathroom, kitchen, laundry room, garage, basement, patio and porch.
- The product is intended to trip and promptly stop the flow of electricity in the event of a ground fault. It does not protect against circuit overloads, short circuits, or shocks.

Removing old receptacle from the outlet box

- Turn off the power at the circuit breaker or fuse.
- Pull the old receptacle out of the outlet box without disconnecting the cables or wires.
- Check the quantity of cables connecting to the receptacle.
- If there is only one cable (2-3 wires), it is the LINE cable. Disconnect and remove the receptacle.
- if there are 2 cables (4-6 wires), refer to
- Identifying wires of the old receptacle section for further diagnosis before removing the receptacle.
- Identifying wires of the old receptacle

Wire identification using the receptacle or GFCI:

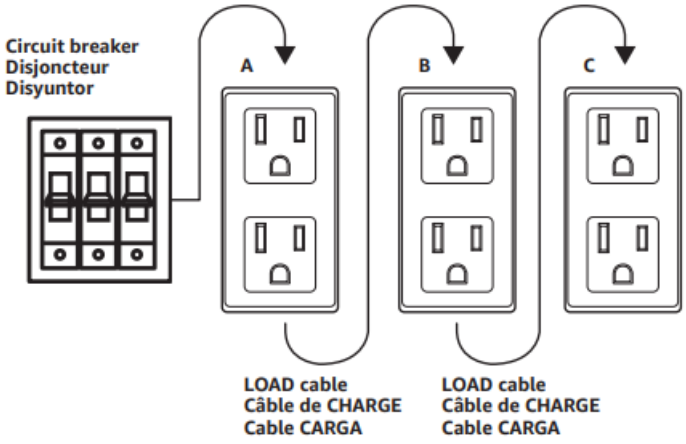
- Make sure the power at the circuit breaker or fuse is turned off.
- Detach one cable’s white and black wires from the receptacle and cap each one separately with a wire connector. Make sure that they are from the same cable.
- Reinstall the receptacle in the electrical box, attach the wall plate, then turn on the power at the circuit breaker or fuse.
- Determine if power is flowing to the GFCI receptacle by plugging a lamp or radio into it. If the radio or lamp works, the capped wires are the LOAD wires. If not, the capped wires are the LINE wires.
- Turn the power off at the circuit breaker or fuse. Label the LINE and LOAD wires, then remove the receptacle and connect the wires matching designated GFCI terminals.

Wire identification using a non-contact voltage tester:

- Make sure the power at the circuit breaker or fuse is turned off.
- Remove the wires from the original GFCI or receptacle and separate and securely cap each of the wires using a wire connector.
- Turn on the power using the circuit breaker or fuse.
- Follow the instructions from the manufacturer of the non-contact voltage tester to determine which cable black wire has voltage present.
- The cable that has the black wire that indicates that power is detected is the LINE cable. Label the black and white wires from this cable as LINE.
- The cable with the black wire that voltage was not detected is the LOAD cable. Label these cable wires as LOAD.
- Turn off the power to the circuit breaker for the fuse.
- Remove the caps from the wires and connect the labeled wires to the matching designated GFCI terminals.

NOTICE

- If the product is placed in a circuit, be aware of the position of the product.



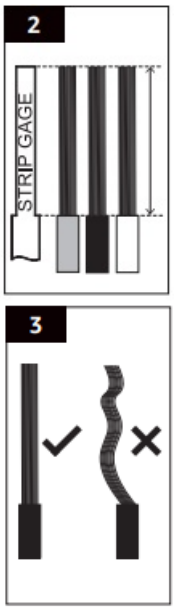
- When it is in position A, it provides GFCI protection to the “load side” of receptacles B and C.
- When it is in position C, it does not provide protection to receptacles A or B.
- Note that receptacles A, B, and C can be in different rooms.

Installation

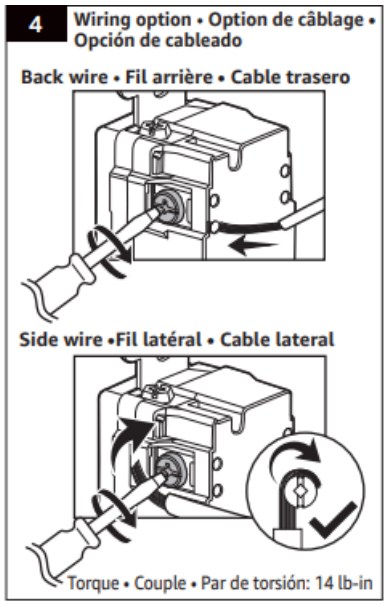
DANGER: Risk of fire, electric shock, or death!

Turn off the power at the circuit breaker or fuse and test that power is off before installation.

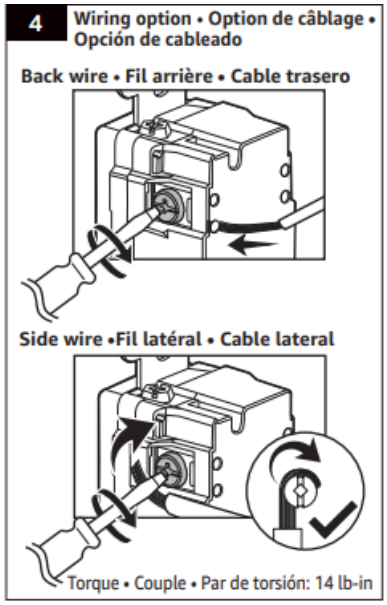
NOTICE The strip gage defines the correct length of the bare wire exposed after stripping. Ensure that the wire is straight



NOTICE The product can be back-wired or sidewired.

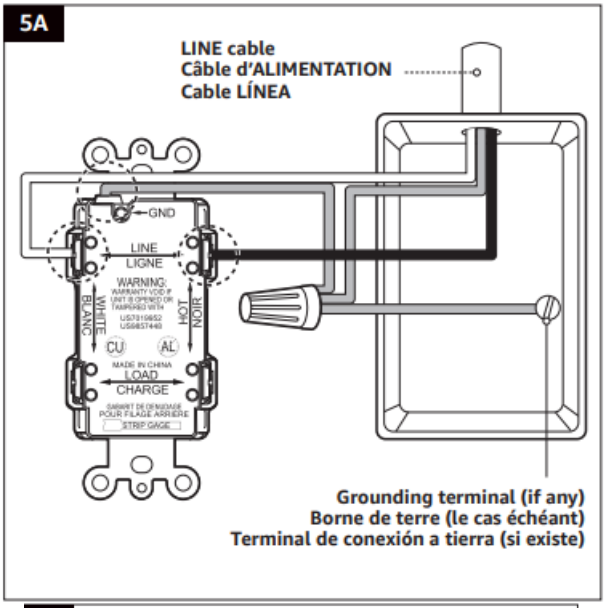


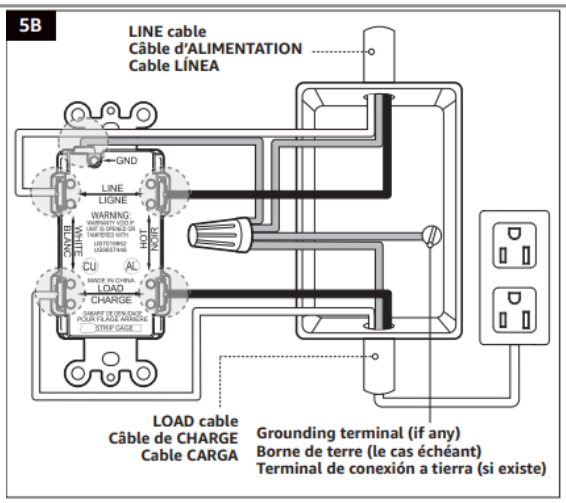
- Connect the white wire(s) to the corresponding WHITE terminal(s).”



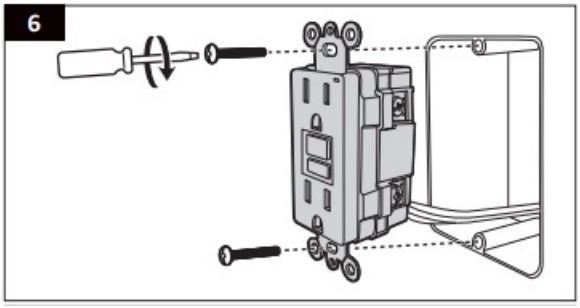
- Connect the black wire(s) to the corresponding HOT terminal(s) (Fig. 5A/5B).
- Connect the grounding wire (if any) of the cable to the grounding terminal (GND) on the product.

NOTICE If there is a grounding terminal on the outlet box, connect a 6″ 12 or 14 AWG grounding wire to it. Then connect all ends of the grounding wires using a wire connector

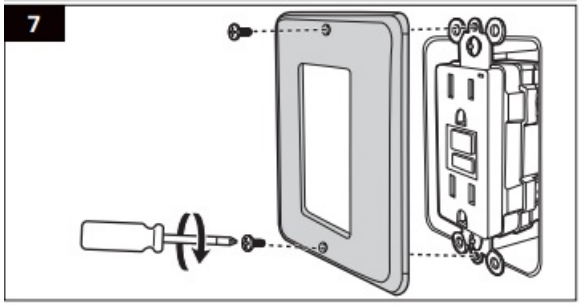




- Fold all wires into the outlet box, keeping the grounding wire away from the WHITE and HOT terminals.
- Screw the product to the outlet box



- Attach the faceplate



GFCI testing

NOTICE Perform the GFCI testing after installation and every month to ensure proper operation. If the product can not be reset, then it must be replaced.
NOTICE Refer to the Troubleshooting section if the product fails to perform as described as below.

- Turn on the power at the circuit breaker or fuse.
- Press the RESET button fully until it stays in and the indicator lights up green.
- Plug a lamp or radio into the outlet of the product. The connected appliance should switch on.
- Press the TEST button and the connected appliance should switch off, with the indicator going out and the RESET button popping out. The product has been installed correctly.

NOTICE If there are 2 cables in the outlet box, plug a lamp or radio into surrounding receptacles to verify which one(s) lost power when pressing the TEST button. Place a sticker provided on every receptacle that lost power.

- To restore power, press the RESET button.

NOTICE The product conducts an automatic test every 5 seconds to ensure protection. Replace the product:

- if it repeatedly trips when pressing the RESET button;
- if it does not permit power to the load with an audible “clicking” sound, or;
- if there is no power to the load (trip with the inability to the RESET button).

Troubleshooting

- Turn off the power at the circuit breaker or fuse.
- Check the wire connections against the appropriate. Make sure that there are no loose wires or loose connections.

NOTICE After rewiring any connections to the product, refer to the GFCI testing section to ensure the product works properly before use.

NOTICE If the problem is still not resolved, contact a professional or electrician for assistance.

Cleaning

- **WARNING** To prevent electric shock, turn off the power at the circuit breaker or fuse before cleaning.
- To clean the product, wipe with a soft, dry cloth.
- Never use corrosive detergents, wire brushes, abrasive scourers, or metal or sharp utensils to clean the product.

Disposal

Dispose of the product according to local regulations. If in doubt, consult your local authorities.

Specifications

Feedback and Help
We would love to hear your feedback. To ensure we are providing the best customer experience possible, please consider writing a customer review. Scan the QR Code below with your phone camera or QR reader:

If you need help with your Amazon Basics product, please use the website or number below

- **amazon.com/gp/help/customer/contact-us**
- +1 877-485-0385

FAQs

What is the Amazon Basics 58487 Weather-Resistant GFCI Receptacle?

The Amazon Basics 58487 is a weather-resistant Ground Fault Circuit Interrupter (GFCI) receptacle designed to enhance electrical safety, particularly in outdoor and damp environments.

How does the GFCI feature enhance safety?

The GFCI feature detects ground faults and quickly cuts off power to prevent electric shocks, making it ideal for areas with exposure to water or moisture.

Is the Amazon Basics 58487 suitable for outdoor use?

Yes, the Amazon Basics 58487 is specifically designed for outdoor use, featuring weather-resistant construction to withstand the elements.

What is the amperage rating of the Amazon Basics 58487 GFCI Receptacle?

The Amazon Basics 58487 typically comes with a 15 Amps rating, suitable for various electrical appliances and tools.

Is professional installation required for the Amazon Basics 58487?

While professional installation is recommended, the Amazon Basics 58487 GFCI receptacle is designed for easy installation and may come with user-friendly instructions.

Does the Amazon Basics 58487 have multiple outlets?

The Amazon Basics 58487 GFCI receptacle usually provides a single outlet, suitable for individual devices requiring GFCI protection.

Is the Amazon Basics 58487 compatible with standard electrical devices?

Yes, the Amazon Basics 58487 is designed to be compatible with a wide range of standard electrical devices commonly used in outdoor settings.

Does the Amazon Basics 58487 come with a weatherproof cover?

The Amazon Basics 58487 may come with a built-in or optional weatherproof cover, offering additional protection against the elements.

What safety certifications does the Amazon Basics 58487 have?

The Amazon Basics 58487 GFCI receptacle typically complies with safety standards and may carry certifications such as UL listing for added peace of mind.

Can the Amazon Basics 58487 be used in both residential and commercial settings?

Yes, the Amazon Basics 58487 is suitable for both residential and commercial applications where GFCI protection is required.

Is the Amazon Basics 58487 compatible with tamper-resistant features?

Some models of the Amazon Basics 58487 may include tamper-resistant features, enhancing safety by preventing foreign objects from being inserted into the receptacle.

What is the warranty period for the Amazon Basics 58487 Weather-Resistant GFCI Receptacle?

The Amazon Basics 58487 may come with a limited warranty. Users are advised to check the product documentation or contact the manufacturer for warranty details.

Video-introduction

00:00 00:00

Download This PDF Link: Amazon Basics 58487 Weather-Resistant GFCI Receptacle User Manual
https://manualsplus.com/amazon-basics-58487-weather-resistant-gfci-receptacle-user-manual/
Weather-Resistant-GFCI-Receptacle-User-Manual.mp4

References

- User Manual