

# CONDUIT MOUNT

**CONDUIT SUPPORT  
FOR ALL ROOF TYPES**

# INSTALLATION GUIDE

**REVISION:** 1/24/25

**VERSION:** V3.2

# CONDUIT MOUNT

## INSTALLATION GUIDE



**EcoFasten**<sup>®</sup>  
For Installers. By Installers.

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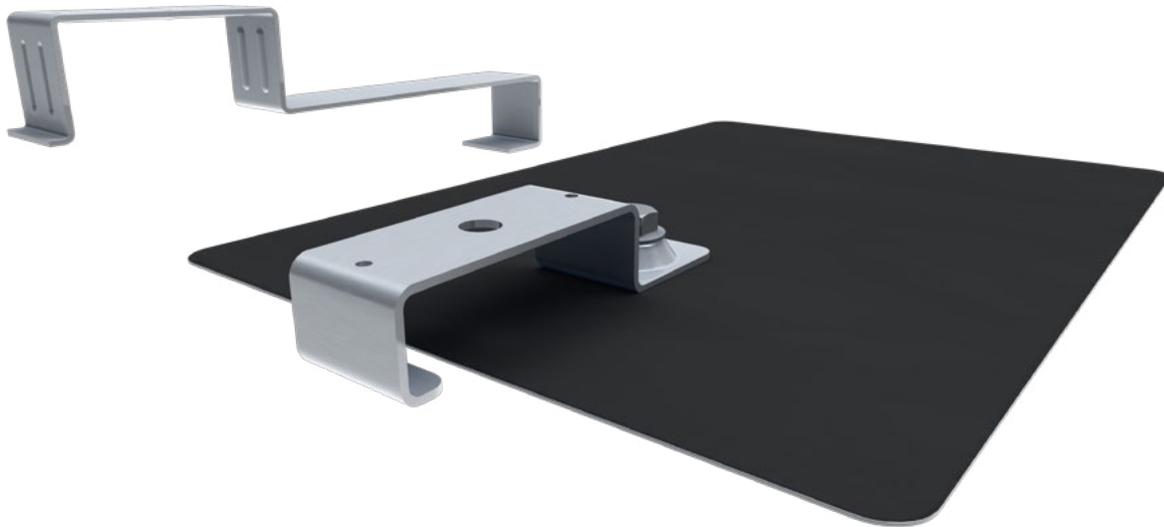
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## CONDUIT MOUNT

The Conduit Mount Brackets can be installed onto a variety of roof types to lift electrical conduit off the roof surface, preventing wiring from overheating. The bracket features EcoFasten's patented watertight technology and can be paired with a GF-1 flashing on a new or retrofit composition shingle roof. They can also be combined with a SimpleSeal bushing for use on metal roofing.

## FEATURES

- Watertight Technology
- Mounts conduit off the surface of the roof to meet code
- Compatible with a variety of mounting systems
- Brackets can be mounted in any orientation

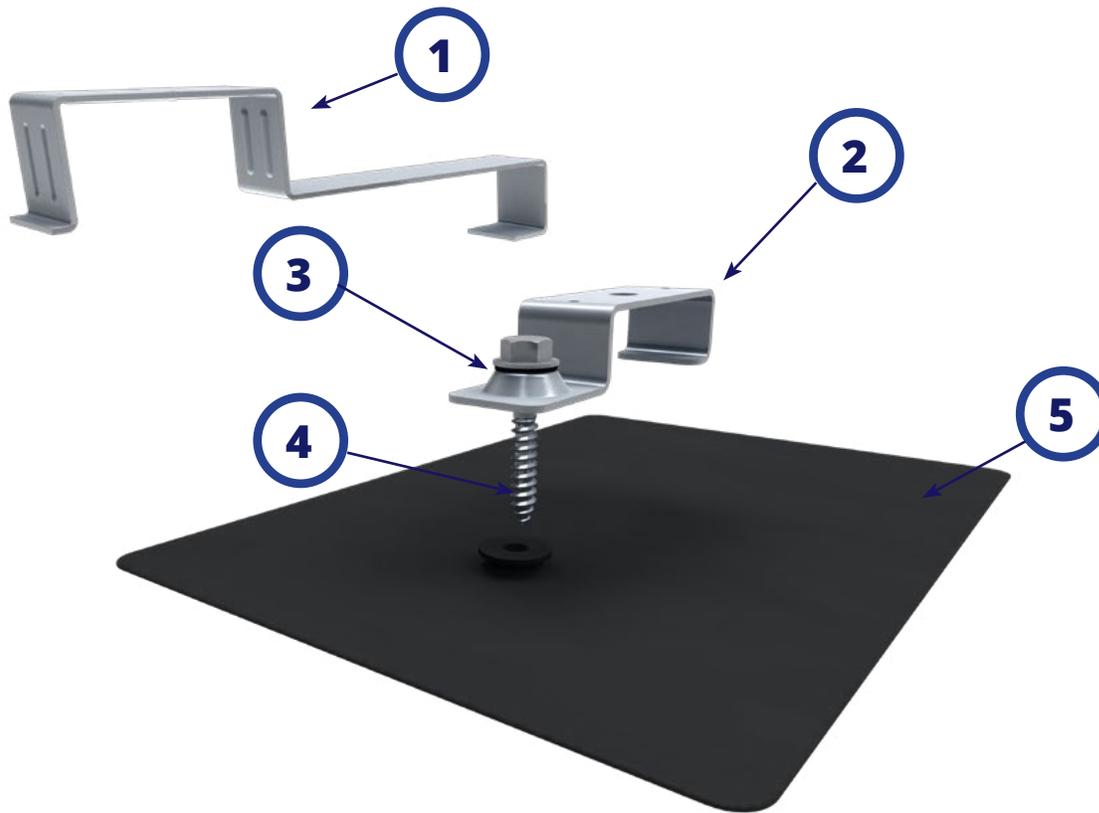
FEATURES + BENEFITS

# CONDUIT MOUNT

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## SYSTEM COMPONENTS



1. **CONDUIT BRKT TILE MLL**  
(REQUIRES NO ADDITIONAL SYSTEM COMPONENTS)
2. **CONDUIT BRKT COMP MLL**  
(REQUIRES COMPONENTS 3, 4 & 5)
3. **5/16" EPDM BONDED WASHER**
4. **5/16"-2" LAG BOLT**
5. **GF-1 FLASHING WITH PRE-INSTALLED EPDM RUBBER GASKET**  
(AVAILABLE IN 8X10 OR 8X12, WITH BLACK FINISH ONLY)

COMPONENTS

# CONDUIT MOUNT

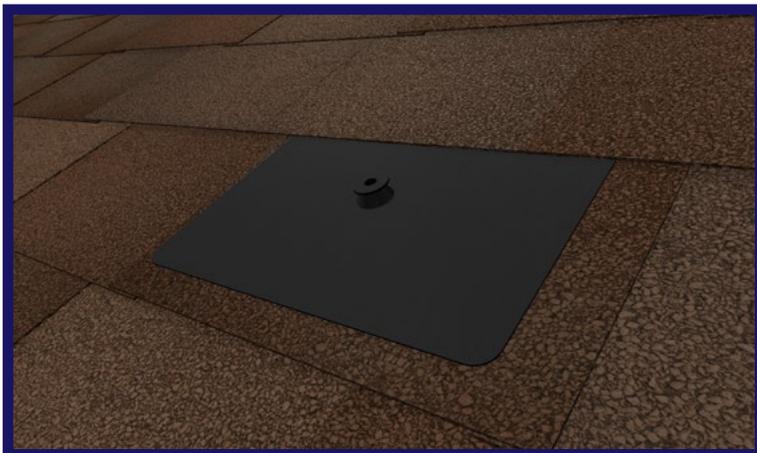
## INSTALLATION GUIDE



## INSTALLING CONDUIT MOUNT COMP



Drill a 7/32" pilot hole. Backfill with sealant compatible with the roof type.



Slide flashing up under the next row of shingles directly above the pilot hole, taking care to align the hole in the flashing with the pilot hole.

# CONDUIT MOUNT

## INSTALLATION GUIDE

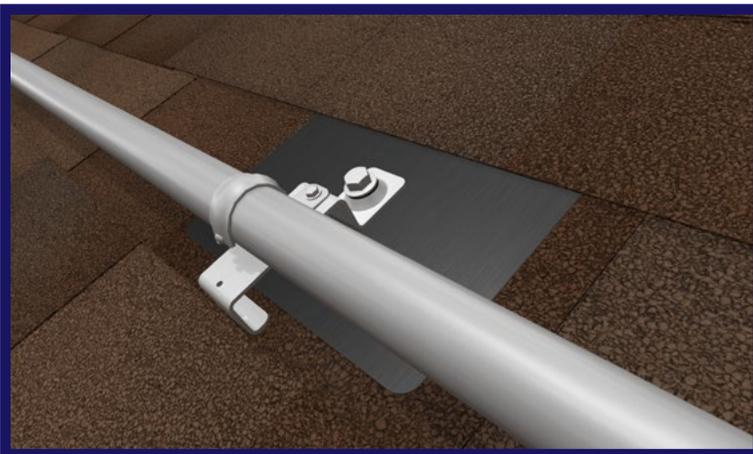


## INSTALLING CONDUIT MOUNT COMP



With the EPDM bonded washer threaded onto the lag bolt followed by the Conduit Mount Comp Bracket and then insert the lag bolt into the gasketed hole in the flashing.

The bracket can be rotated for orientation in any direction.



Drive the lag bolt down into the roof deck using an impact driver. The visual indicator for proper torque is when the EPDM on the underside of the bonded washer begins to push out the sides as the washer compresses. Do not over torque.

Install a conduit clamp (Not included) using either one of the mounting holes on the top of the bracket

# CONDUIT MOUNT

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## INSTALLING CONDUIT MOUNT TILE



Lift up the tile above which overlaps the Tile you want to run conduit across. The tile does not need to be removed, just lifted on the front edge.



With the tile lifted to the appropriate height, slide the hook end of the Conduit Mount Tile under the tile and hook it on the tile below.

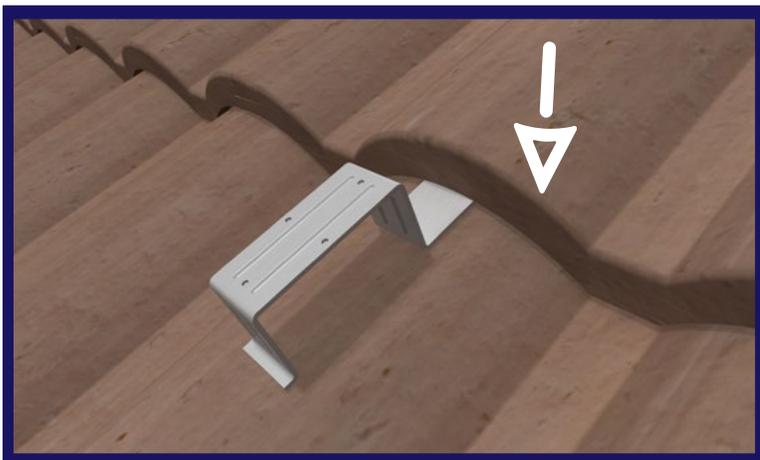
INSTALLATION

# CONDUIT MOUNT

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## INSTALLING CONDUIT MOUNT TILE



Replace the top tile, taking care that it properly interconnects with adjacent tiles. The weight of the tile will hold the Conduit Mount Tile in place.



Install a conduit clamp (not included) using either one of the mounting holes on the top of the bracket.

INSTALLATION

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## DISCLAIMER

This manual describes proper installation procedures and provides necessary standards required for product reliability. Warranty details are available on the website. All installers must thoroughly read this manual and have a clear understanding of the installation procedures prior to installation. Failure to follow these guidelines may result in property damage, bodily injury, or even death.

### IT IS THE INSTALLER'S RESPONSIBILITY TO:

- Ensure safe installation of all electrical aspects of the array. All electrical installation and procedures should be conducted by a licensed and bonded electrician or solar contractor.
- All work must comply with national, state and local installation procedures, product and safety standards, including the proper use of PPE.
- Comply with all applicable local or national building and fire codes, including any that may supersede this manual.
- Ensure all products are appropriate for the installation, environment, and array under the site's loading conditions.
- Use only EcoFasten parts or parts recommended by EcoFasten; substituting parts may void any applicable warranty.
- Review the Design Assistant and Certification Letters to confirm design specifications.
- Ensure provided information is accurate. Issues resulting from inaccurate information are the installer's responsibility.
- Ensure bare copper grounding wire does not contact aluminum and zinc-plated steel components, to prevent risk of galvanic corrosion.
- If loose components or loose fasteners are found during periodic inspection, re-tighten immediately. Any components showing signs of corrosion or damage that compromise safety shall be replaced immediately.
- Provide an appropriate method of direct-to-earth grounding according to the latest edition of the National Electrical Code, including NEC 250: Grounding and Bonding, and NEC 690: Solar Photovoltaic Systems.
- Disconnect AC power before servicing or removing modules, AC modules, microinverters and power optimizers.
- Review module and any 3rd party manufacturer's documentation for compatibility and compliance with warranty terms and conditions.
- Module mounting rails shall not be used as scaffolding, a roof jack, or any form of an anchoring point for roof personnel.
- Ensure that the roof is in good condition prior to installing any EcoFasten components.

DISCLAIMER

The logo for CLICKFIT, with 'CLICK' in white and 'FIT' in orange, followed by a registered trademark symbol.

INSTALLATION GUIDE

The EcoFasten logo, featuring a stylized sun icon to the left of the text 'EcoFasten' in white, with the tagline 'For Installers. By Installers.' below it.

# FOR INSTALLERS. BY INSTALLERS.

Under the PanelClaw brand and Enstall's corporate umbrella, EcoFasten has established a reputation as one of the industry's leading innovators by providing expert solutions for mounting solar PV on any roof. EcoFasten's broad portfolio of solar rooftop mounting systems and attachments stems from the direct needs of solar PV installers. EcoFasten takes pride in providing the right solution for every application.



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