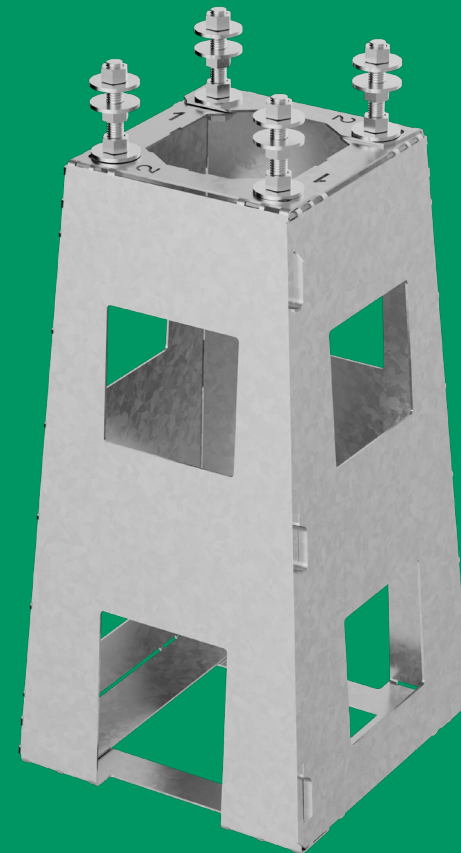


# ONEPOLE

Installation Manual - Base Mount | QBB2P



[www.onepole.no](http://www.onepole.no)



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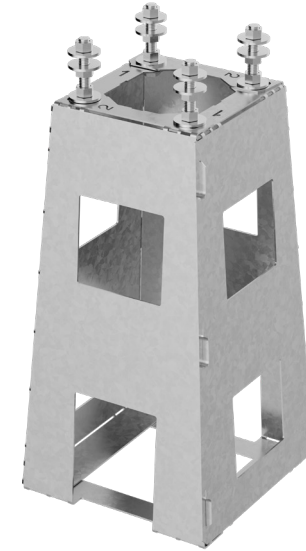
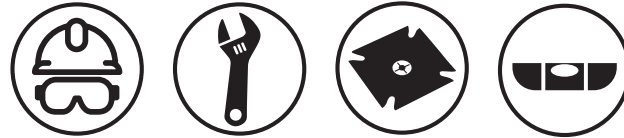
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# ONEPOLE PRO Base Mount

The ONEPOLE PRO Base Mount QBB2P provides a robust, durable, and eco-friendly foundation for charging stations (pedestals) and bollards. Utilizing advanced materials and innovative design, the base mount ensures longevity and stability in various soil conditions. This guide outlines the detailed assembly and installation process.

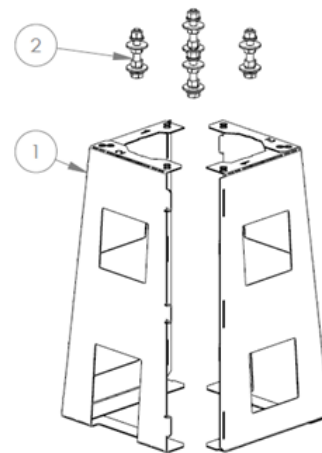
## Tools and Materials Required

- Adjustable spanner/wrench (recommended)
- Personal protective equipment (PPE)
- Optional: Leveller or ONEPOLE PRO Bullseye Leveller



## Scope of Delivery

- (1) Two Main Parts of the Foundation: Two double halves designed to be assembled to form the base mount.
- (2) Mounting Kit: A bag containing all necessary bolts, nuts, and washers for installing ONEPOLE PRO pedestal

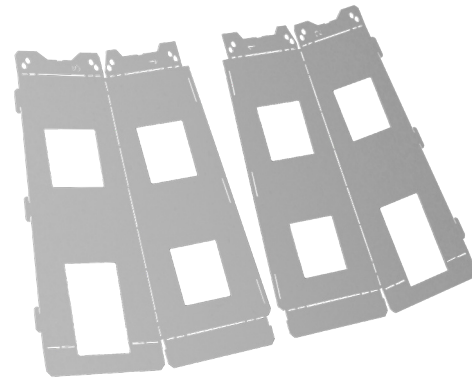


## Installation

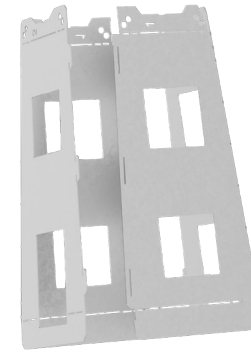
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### 1 Bend Main Components:

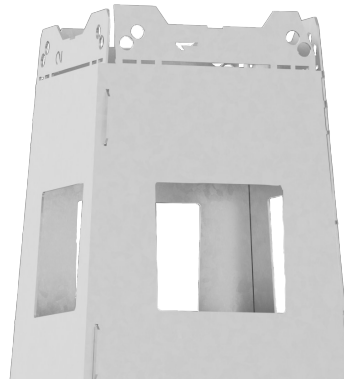


**Step 1.1:** Unpack the two primary components of the base mount.

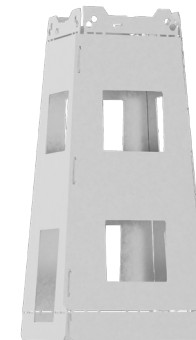


**Step 1.2:** Bend each component to a 90-degree angle using manual force.

### 2 Join the parts:



**Step 2.1:** Align the tabs on the first component with the corresponding slots on the second component.



**Step 2.2:** Insert the tabs into the slots to interlock the two components.

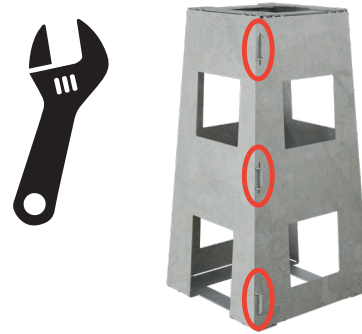
**Step 2.3:** Ensure that the parts are fully engaged and aligned properly before proceeding to the next step.

## Installation

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### 3 Secure and Lock the Tabs:



**Step 3.1:** Utilize an adjustable spanner (wrench) to bend and lock the tabs in place. There are six tabs, three on each side of the assembled double halves.



(Top/bottom)



(Middle)

**Step 3.2:** Pay close attention to the specific bending requirements:

-The tabs located at the top and bottom serve a guiding function and should be bent on one side only.

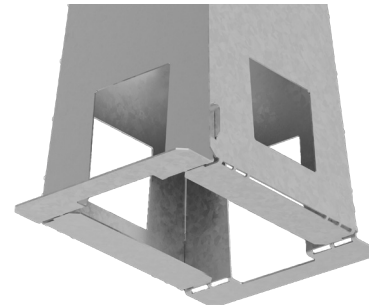
-The tab in the middle is the locking tab and must be bent on both sides to ensure maximum stability and securely interlock the two halves.

### 4 Stabilize the Base:



The stabilization of the base is dependent on the type of soil. It is the sole responsibility of the installation crew to assess and determine the appropriate method for stabilizing the base.

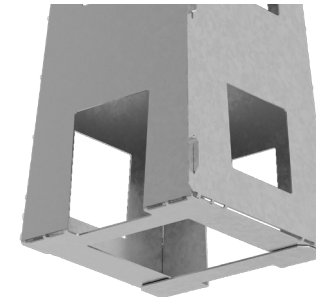
Avoid repeatedly bending the foot flaps back and forth, as this compromises the material integrity and increases the risk of breakage.



**Option A (Advised for Sandy Soil):**

**Step 4.1:** Bend the two opposite flaps outward to enhance stability in sandy or loose soil conditions.

**Step 4.2:** Bend the remaining two flaps inward.



**Option B (Advised for Hard Soil):**

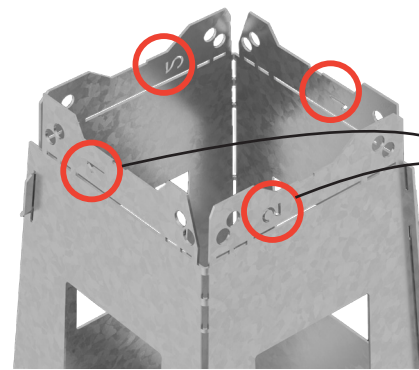
**Step 4.3:** In hard or compact soil conditions, bend all four flaps inward to secure the base mount.

## Installation

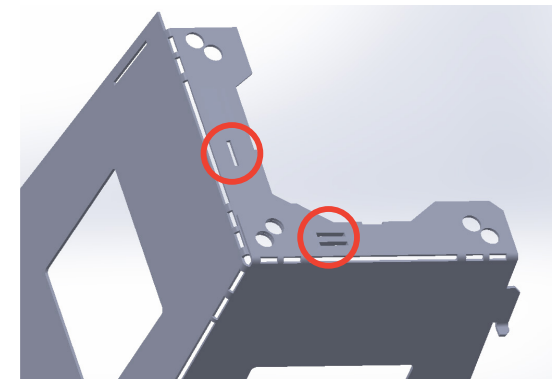
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### 5 Secure the top:

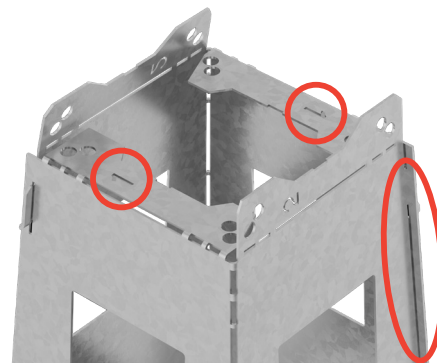


*1 and 2: for illustration purposes only.*

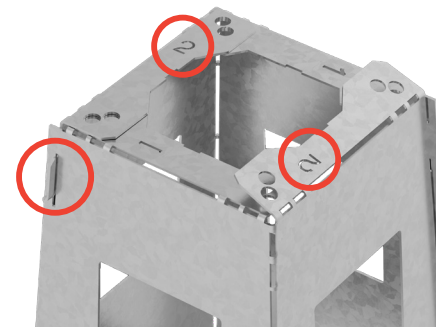


As shown in the image, the marking on the top flaps corresponds to the actual markings I and II on the product.

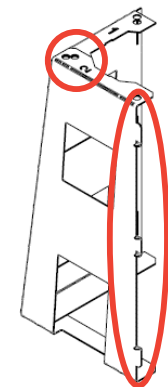
**Step 5.1:** The top of the base mount has four sides marked with numbers I and II (1 and 2).



**Step 5.2:** Follow the sequence for bending: First, bend the top flaps marked with I (the top flap on the vertical plane with slots)



**Step 5.3:** Subsequently, bend the top flaps marked with II (the top flap on the vertical plane with tabs)



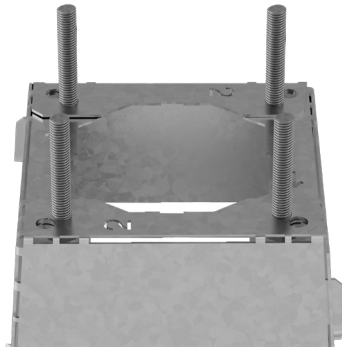
**Step 5.4:** Use the adjustable spanner to achieve precise bending and ensure a secure fit.

## Installation

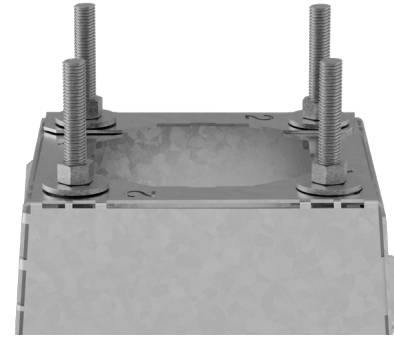
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### 6 Install Bolt Set:

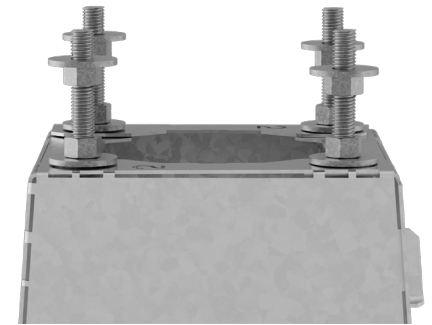


**Step 6.1:** Insert the bolt set into the designated holes on the top of the base mount, corresponding to the footplate size of the pedestal (CC160 or CC140). Begin by inserting the bolts from the bottom of the top flaps.



**Step 6.2:** Add an M12x3 washer and an M12 hex nut and tighten to secure the top of the base.

Use an adjustable spanner (wrench) to tighten all bolts securely.



**Step 6.3:** Add another M12 nut and an M12x3 washer to level the base, preparing it for the installation of the ONEPOLE PRO pedestal.

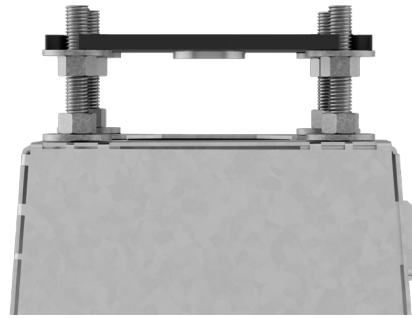
Verify that all bolts are adequately tightened to ensure structural integrity.

## Installation

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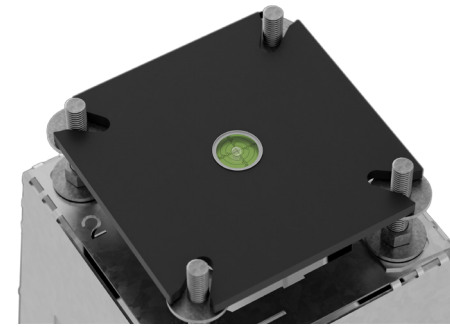
### 7 Level the Base Mount for Mounting the Pedestal:



**Step 7.1:** Attach the ONEPOLE PRO BULLSEYE Leveling Tool (or a universal leveller) to the base mount.

**Step 7.2:** If the base mount is not level, identify the areas that need adjustment.

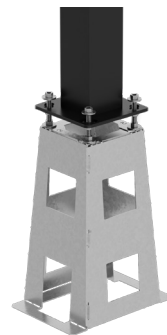
**Step 7.3:** Loosen the M12 nuts slightly using the adjustable spanner.



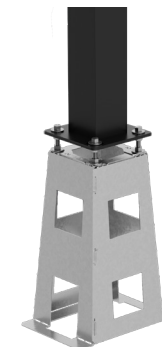
**Step 7.4:** If the base is too high, tighten the M12 nuts to lower position and vice versa.

**Step 7.5:** In case where a standard leveller is used: Reposition the leveller across different axes of the base mount (e.g., front-to-back and side-to-side) to ensure comprehensive levelling.

**Step 7.6:** Continue adjusting the M12 nuts and washers as described in Step 7.4 until the bubble in the BULLSEYE/leveller remains centred in all directions.



**Step 7.7:** The base mount is now ready for installing the pedestal using the final set of M12 nuts and washers.



**Step 7.8:** Place the pedestal's footplate onto the bolts of the foundation. Insert the plastic washers between the footplate and the steel washers to protect the top of the footplate. Finish by securing with the final set of M12 nuts. Plastic washers are supplied with the pedestal.

## Safety information

**Personal Safety:** Always wear appropriate personal protective equipment (PPE) such as gloves, safety glasses, and steel-toe boots during installation.

**Proper Handling:** Handle all tools and components with care to avoid injuries.

**Public Safety:** To prevent injuries from protruding bolts, consider installing a safety lid or protective plastic bolt caps. For additional information, please contact Q-Light.

## Contact information

For further assistance, please contact our support team:

Email: [post@qlight.no](mailto:post@qlight.no)

Phone: +47 38 13 49 00

Address: Q-LIGHT, Mjåvannstoppen 10-12,  
4628 Kristiansand, Norway

**ONEPOLE**

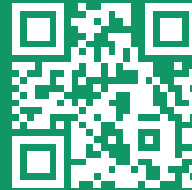
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