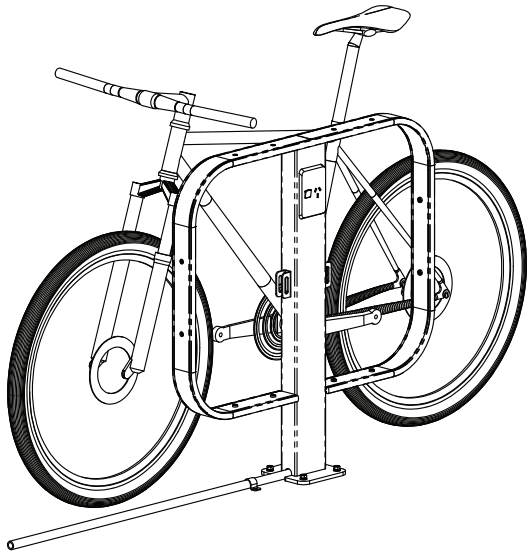


Bike Rack Installation Instructions

Cora Bike Rack - SG-E ebike Charging Rack

This instruction sheet is to be used for SG-E electric bike charging racks



Cora - Bike Rack SG-E Series (All models shown)

ELECTRICAL INSTALLATION WARNING:

The SG-E rack requires the installation of electrical components and connection to a mains power source.

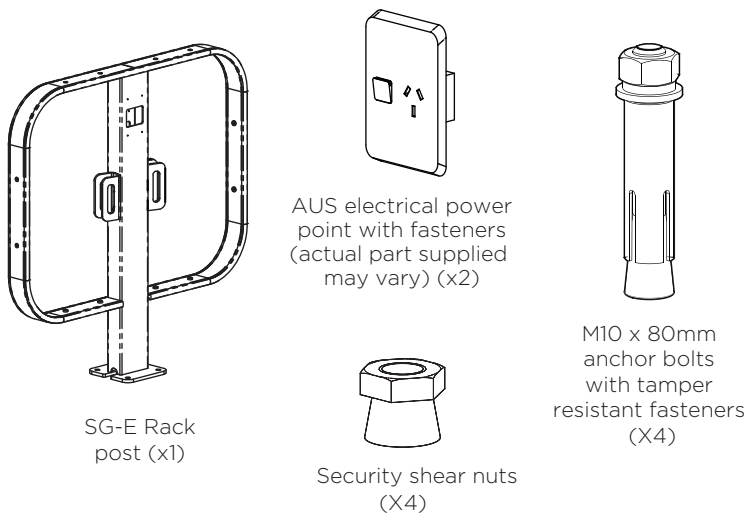
SG-E should only be installed by a licensed / certified / qualified electrical contractor in accordance with all relevant Australian regulations and specifications.

Cora does not warrant or assume liability regarding issues of compliance for the SG-E rack installation; assembly of electrical components; or connection to a mains power source.

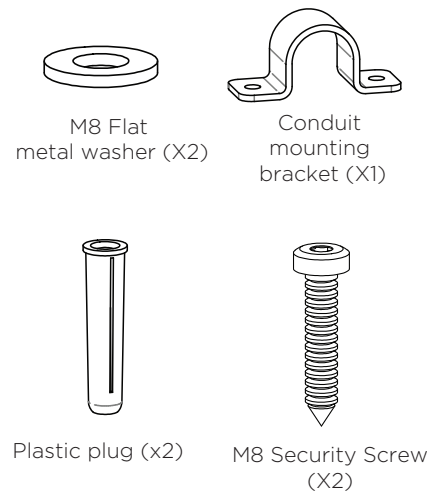
These instructions are provided for installation guidance only and do not construe compliance if followed.

The SG-E rack is for indoor or covered installation only. SG-E is not to be installed in locations where power points will be exposed to water ingress.

Components for SG-E Rack used in assembly



Conduit Components



1. Site selection

When selecting a site for your new scooter rack, the most important advice is;

Do not try to hide it, as it will not be used!

Suitable locations include;

- Adjacent to entrance doors and in line of sight of a window
- Near high pedestrian traffic
- A flat location at the same surface level which cyclists and scooter riders use for access
- Covered areas

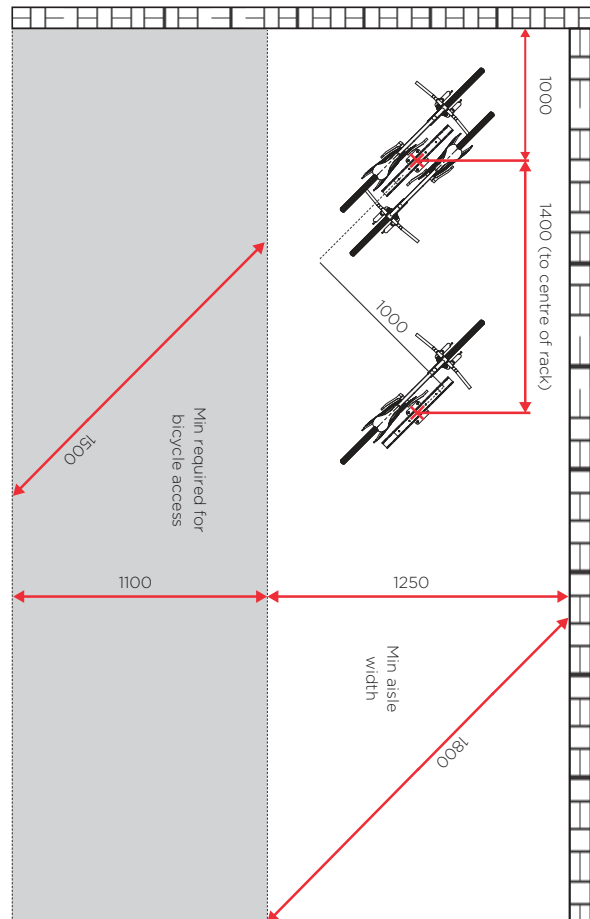
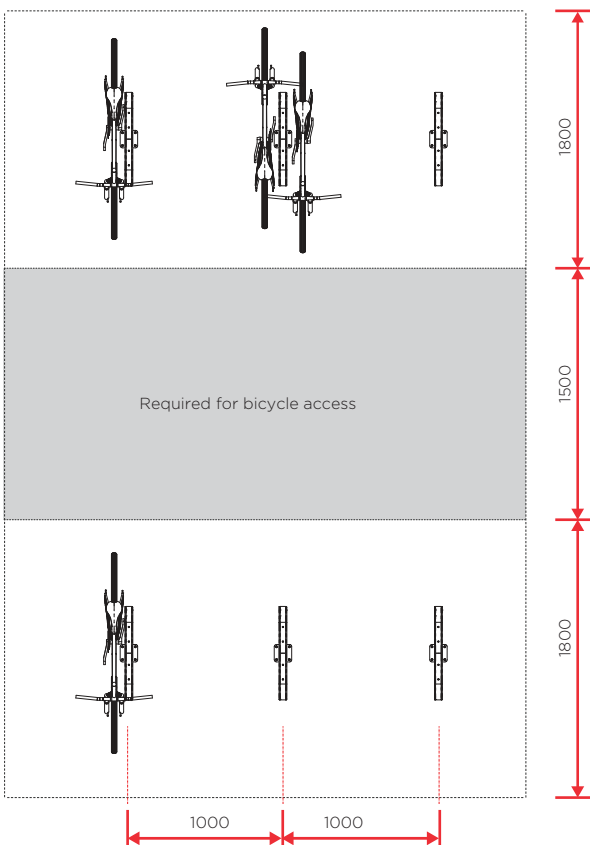
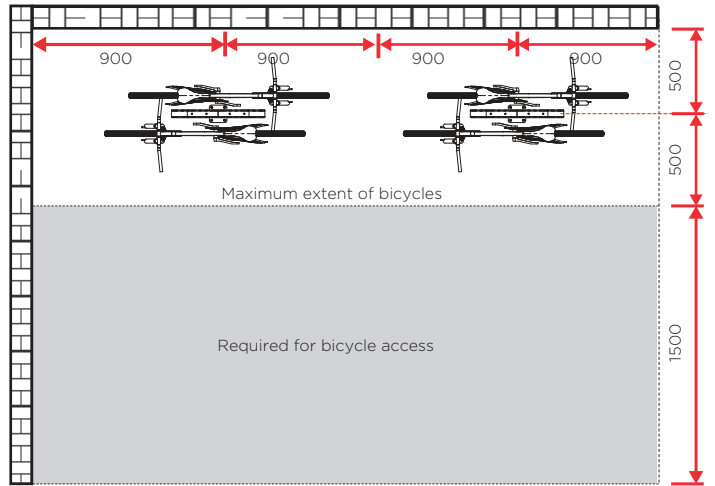
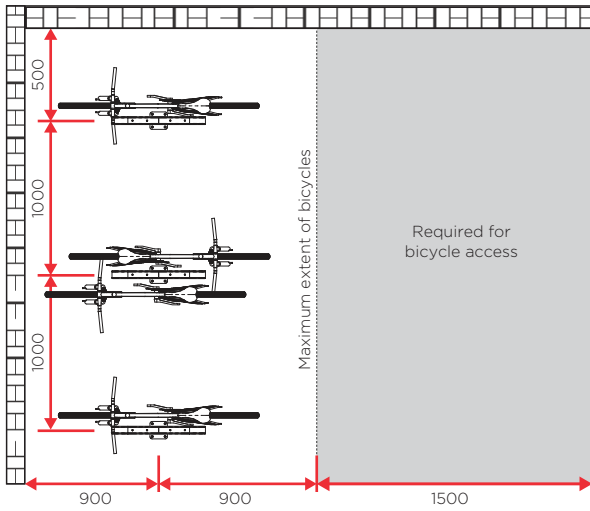
Other things to remember;

- Where a rack is being installed at an existing location, the rack should be placed where bicycles and scooters are currently parked or charged
- When using a garage location, it is recommended to use a parking bay that is nearest to an entrance door.

Bike Rack Installation Instructions

Cora Bike Rack - SG-E ebike Charging Rack

2. Minimum access and clearance dimensions



*See product specification sheets for alternate mounting options. Can be found at cora.com.au

Access dimensions around racks

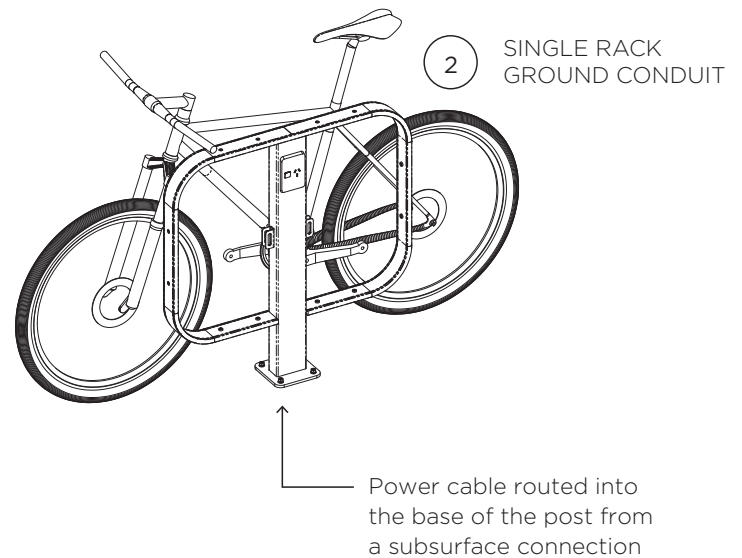
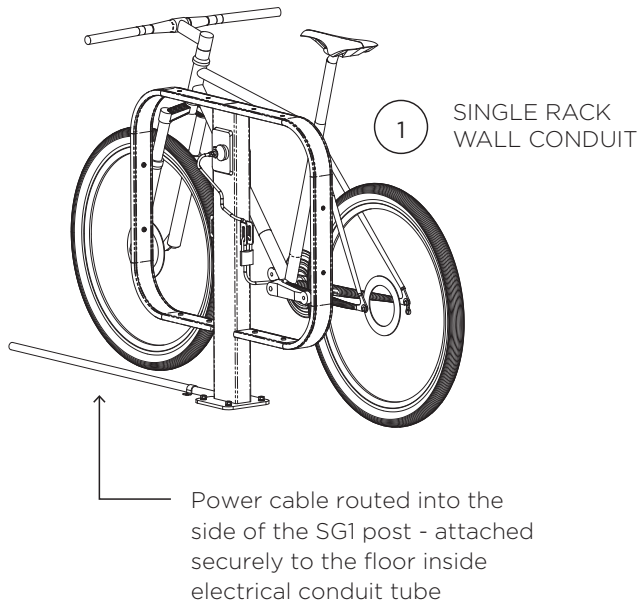
- Before mounting rack, find a suitable place that will allow for minimum spacing dimensions
- Ensure minimum spacing from walls, other racks or obstructions to allow for minimum access
- In a multiple rack install, racks may be mounted in an in-line cluster, parallel cluster, or angle cluster. See product specification sheets for alternate mounting options. Can be found at cora.com.au

Bike Rack Installation Instructions

Cora Bike Rack - SG-E ebike Charging Rack

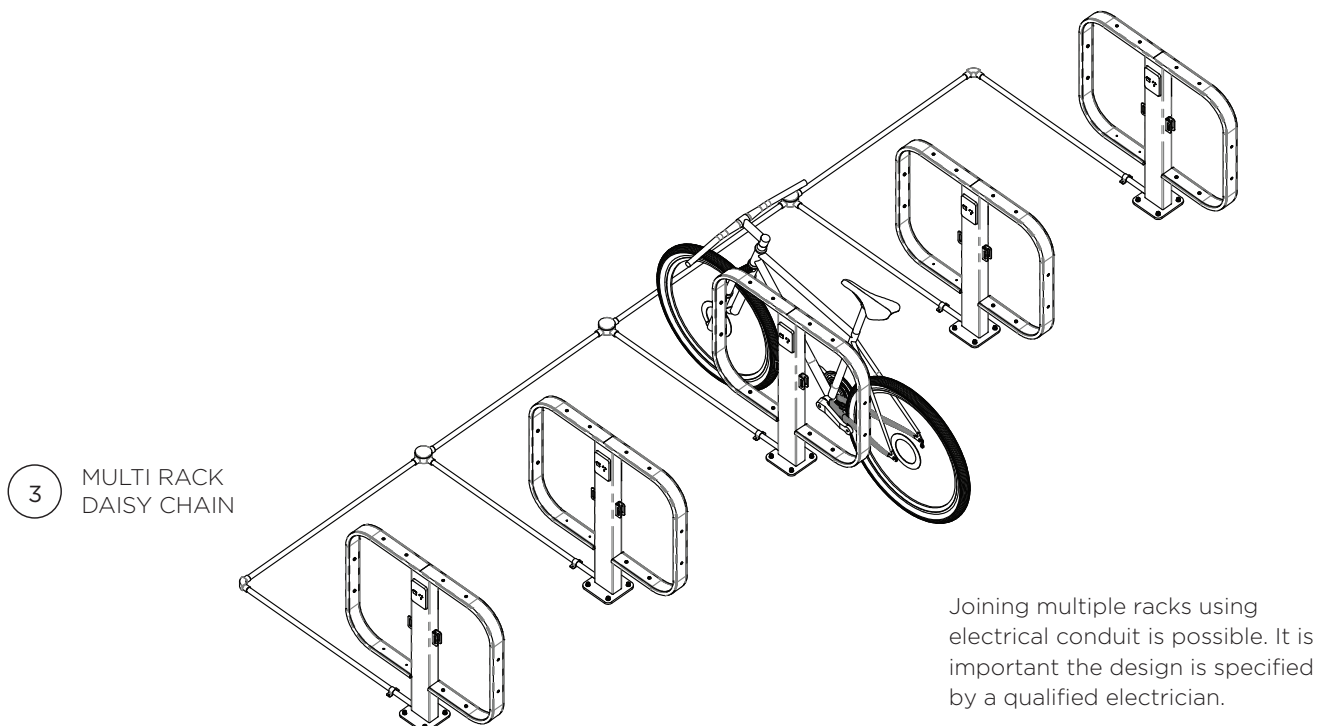
3. Electrical layout suggestions and options

Please refer to warning on first page of instructions before commencing this stage of installation. Layout images provided are suggestions only. Actual cable routing method and electrical connection between racks, should be specified by a qualified electrician.



ROUTING THE POWER CABLE/ INSTALLATION:

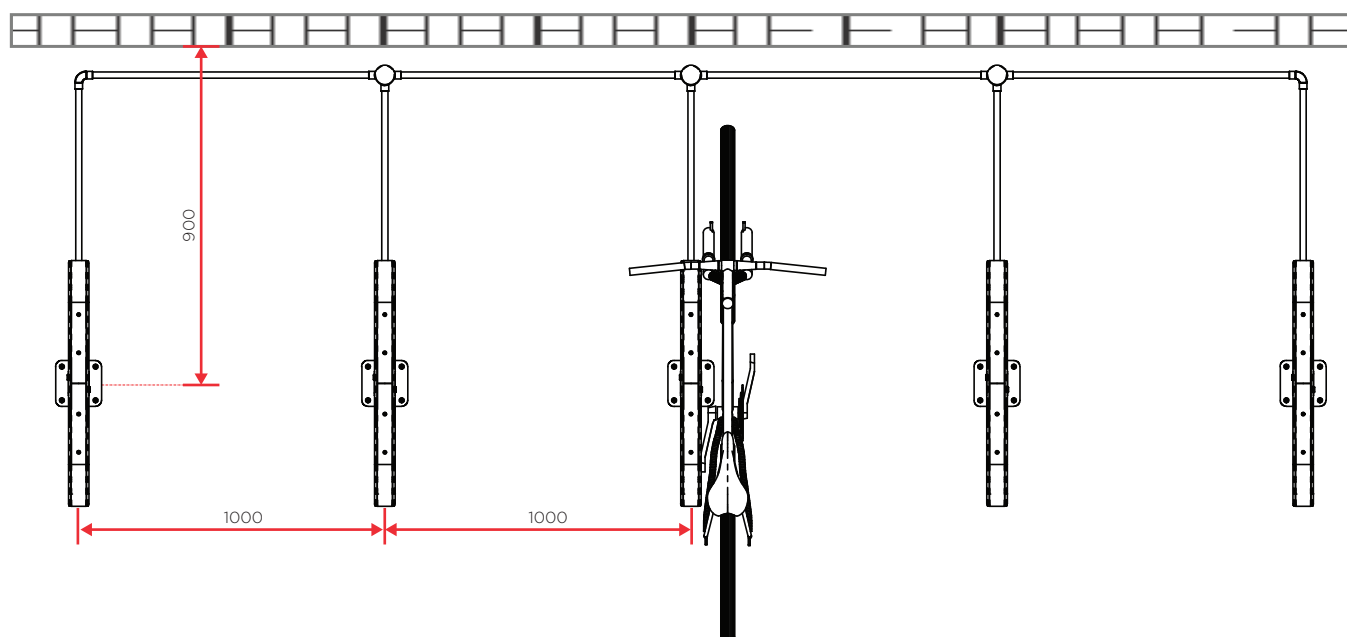
- The SG-E rack is designed for routing of cable for connection to a mains power source.
- Power cable can either be routed directly into the side of SG-E post (inside electrical conduit tube), or from a subsurface connection directly into the bottom of the rack post
- The post is designed to accept 20mm diameter electrical conduit tubing.



Bike Rack Installation Instructions

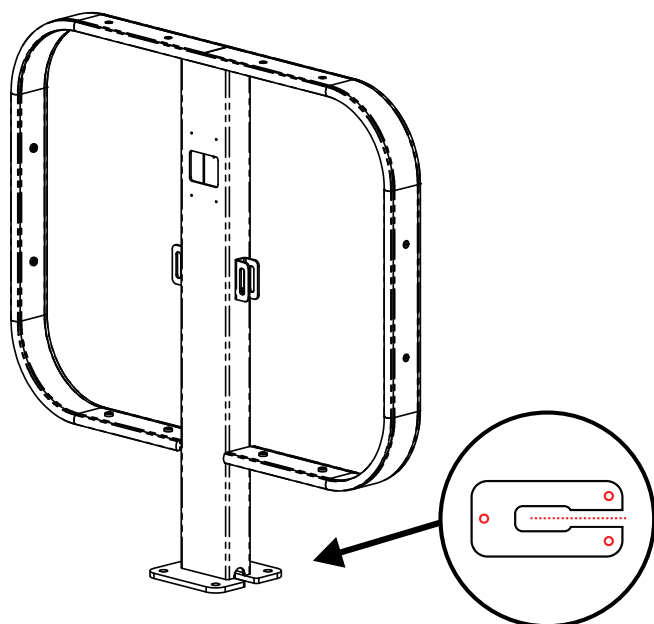
Cora Bike Rack - SG-E ebike Charging Rack

4. Installing racks next to a wall



- If installing SG-E racks next to a wall, any conduit or material used to protect electrical cabling between racks, must be fixed between the rack and wall, as close to the wall as possible.

5. SG-E series mark fixings and conduit route

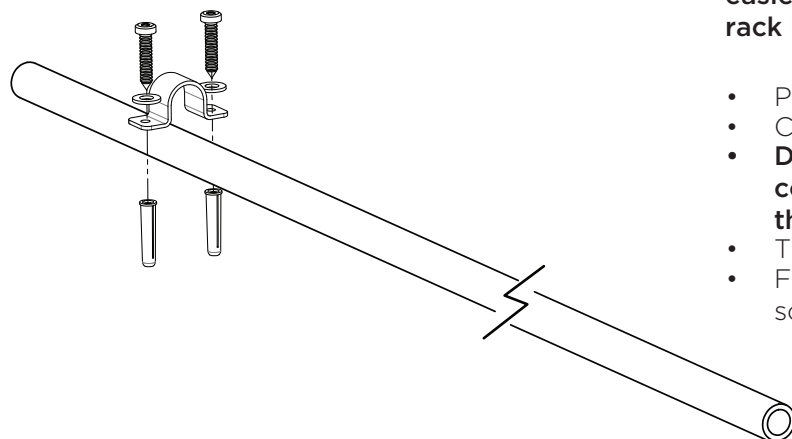


- Place rack in the desired location, ensuring correct clearance on all sides
- Mark all 4 fixing points with a suitable marker.
- Mark centre of gap in base plate for conduit path
- Remove rack to the side - do not drill through base as this could damage the masonry bit.
- Carefully drill holes using a 10mm masonry drill bit to a depth of 75mm, maintaining correct positioning.
- **Do not drill over plumbing and/or electrical-conduits, or through waterproof membranes-that may be located just below surface level.**
- Clear holes of dust and debris.
- Place the SG-E rack over holes and check the alignment is correct.

Bike Rack Installation Instructions

Cora Bike Rack - SG-E ebike Charging Rack

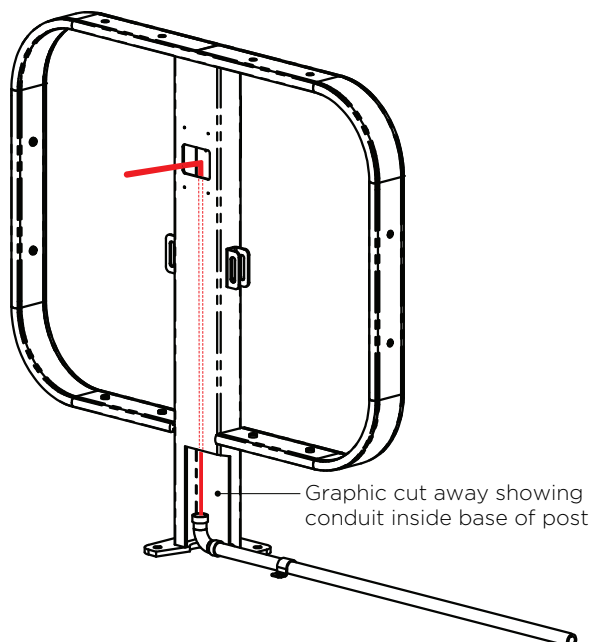
8. Attach conduit to wall or ground



Installation suggestion - this step can be completed at the discretion of the installer however electrical wiring of SG-E may be easier if conduit is already in-place before the rack is fixed to the ground

- Place conduit in the desired location.
- Carefully drill 10mm holes to a depth of 50mm
- **Do not drill over plumbing and/or electrical-conduits, or through waterproof membranes that may be located just below surface level.**
- Tap in plastic plugs supplied
- Fix conduit mounting bracket with M8 security screws.

6. Conduit route and access to rack



Installation suggestion - before fixing rack

- Electrical wiring of SG-E may be easier if conduit is already in-place before rack is fixed to the ground
- Electrical wires may be inside conduit already or can be fed through after fixing of rack to the ground
- Electrical wires will need to exit conduit inside rack and be fed to top of post to be connected to the power point
- Conduit can be fixed in place, before the rack is fixed with anchor bolts
- Adding a tight elbow or bend to the end of the conduit inside post, may aid in reducing floor level water ingress into the conduit.

Note:

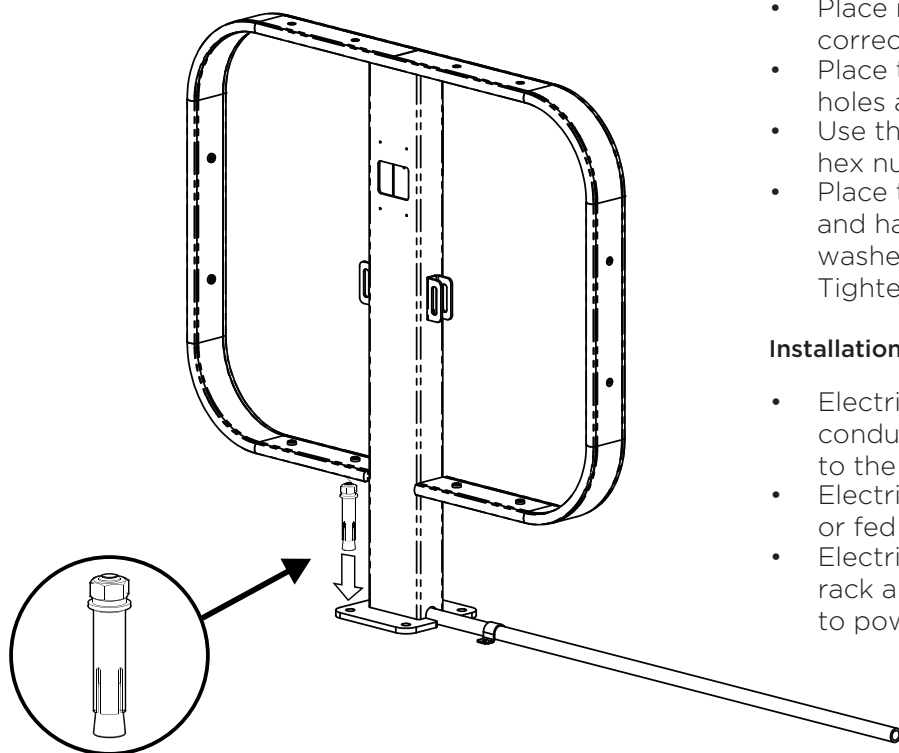
Please refer to warning on the first page of these instructions before commencing this stage of the installation.

- If pre-routing the power cable through the conduit, allow minimum cable length to reach top of post to be connected to power point.

Bike Rack Installation Instructions

Cora Bike Rack - SG-E ebike Charging Rack

7. SG-E fixing to concrete surfaces

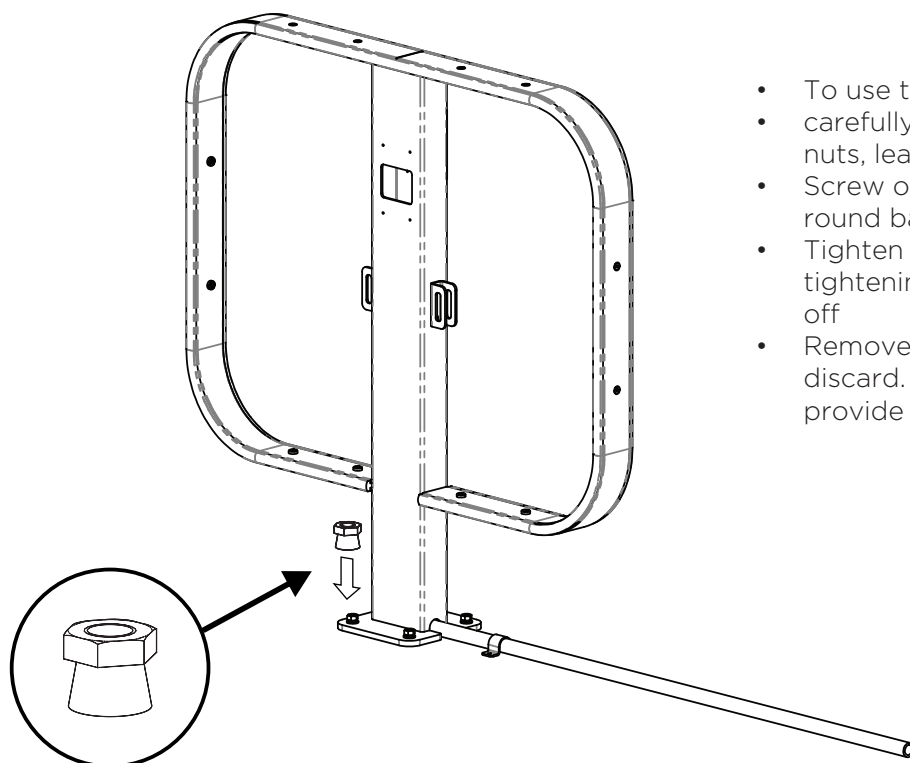


- Use the anchorbolts included
- Place rack in the desired location, ensuring correct clearance on all sides
- Place the SG-E bicycle rack over pre-drilled holes and check the alignment is correct.
- Use the 4 included anchor bolts. Loosen the hex nuts to the end of the anchor bolts.
- Place the anchor bolts through the base plate and hammer into the drilled holes until the washers are flush with the base plate of the rail. Tighten hex nuts firmly.

Installation suggestion

- Electrical wiring of SG-E may be easier if conduit is already in-place before rack is fixed to the ground
- Electrical wires may be inside conduit already or fed through after fixing of rack to ground
- Electrical wires will need to exit conduit inside rack and be fed to top of post to be connected to power point

8. Adding the security nuts

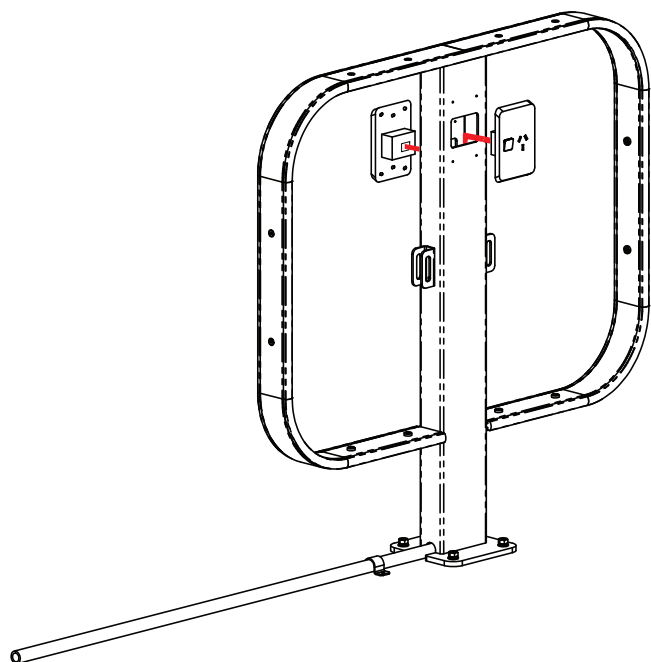


- To use the included security shear head nuts,
- carefully remove the tightened standard nuts, leaving the flat washers in place
- Screw on the new security nuts with the wide round base at the bottom
- Tighten the security nut firmly, and keep tightening until the top half of the nut snaps off
- Remove the top half of the security nut and discard. The lower half remains in place to provide an effective tamper resistant fixing.

Bike Rack Installation Instructions

Cora Bike Rack - SG-E ebike Charging Rack

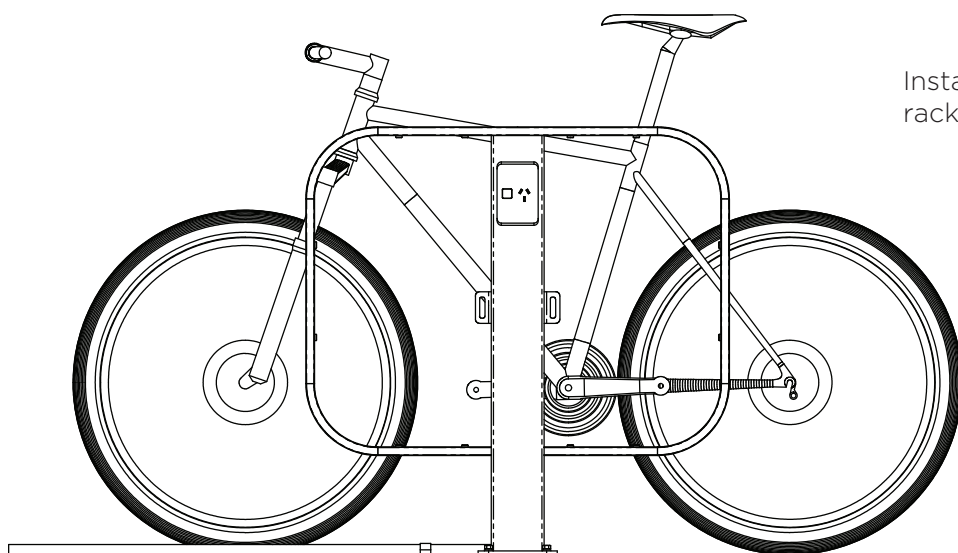
9. Power point installation



Please refer to warning on first page of these instructions before commencing this stage of the installation

- Electrical cable to be brought to top of post and out of power point access holes on both sides of post
- Power cables to be fixed to power points
- There will be two power points on the post, one (x1) power point on each side of the post.

11. Installation complete



Installation of the Cora SG-E rack is now complete.



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BIKERACK

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