Plan Ahead. Avoid Surprises.

Planning ahead is the best way to get your system off to a great start. The first step is to select locations for your ‘bike stations’. Choosing the right bike station location(s) can save you a lot of time and frustration when the system arrives.

A ‘bike station’ can consist of any number of racks – depending on desired bike capacity and available space. The bike racks can be installed onto concrete or asphalt. If mounting to concrete, concrete pads should be at least 3” deep, and extend at least 1-foot in each direction beyond the measurements of the bike station as provided in this guide. If mounting into asphalt, please contact us to order the required asphalt anchors. All locations must be level.

Shelters
If you plan to use shelters to protect your bike share system, the shelter roof panels must be made of clear polycarbonate that will not block sunlight to the solar powered locks on the bicycles.
Bike Rack Installation Guide

Bicycle Racks

Each rack holds one (1) bike. Bike stations can consist of any number of racks, based on space and desired number of bikes. Bike racks can be arranged in a variety of configurations.

Rack Specifications:
Capacity: One (1) bike
Measures: 13 ½” W x 32 ½” H
Material: Powder Coated Steel
Install: Surface Mount
Includes: Mounting hardware (concrete anchor, nut, washer, leveling washers)
Note: Asphalt anchors available by request (additional cost)

Bike Station Location

The bike racks do not require power, but racks need to be located where they will get direct sunlight at least a couple hours per day. This is needed to charge the solar powered locks on the bicycles. Regular sunlight will eliminate the risk of system downtime and poor lock performance.

When choosing the location, note the shading from trees, buildings and obstacles that might block sunlight to the racks.
Bike Rack Installation Guide

Bike Station Configurations

Side-by-Side Configuration

![Diagram of Side-by-Side Configuration]

Nose-to-Nose Configuration

![Diagram of Nose-to-Nose Configuration]

* Dimensions are outside of handlebar to outside of handlebar
Bike Rack Installation Guide

IMPORTANT Installation Instructions

**Before You Begin Installation**
Measure the working space and calculate the number of bikes that will fit in the space. Mark the locations for each rack and confirm spacing as well as setbacks from walkways and roadways.

**Street Setbacks and Spacing**
Recommended spacing from street behind bikes: 103"
Recommended spacing from street beside racks to bikes: 60”

**Recommended Base Materials**
- **Concrete:** Concrete is the recommended base material for installation. Concrete anchor bolts are included with the racks.
- **Asphalt:** If you will be installing the racks into asphalt, please contact us to order asphalt anchors (additional cost).

**Tools Needed for Installation**
- Tape measure
- Marker or pencil
- Masonry drill bit 3/8”
- Drill (Hammer drill recommended)
- Hammer
- 9/16” Wrench or socket
- Level

**Installation Steps**

1. Place the rack in the desired location. Use a marker or pencil to outline the holes of the flange onto the base material.

2. Drill the holes using a 3/8” drill bit appropriate for the surface you are drilling into. Make sure the holes are at least 3” away from any cracks in the base material. Holes should be at least 2.5” deep.
3 Use washers to level rack if necessary.

4 Place washer on anchor, and thread nut onto top of anchor so the nut is fully threaded onto the anchor. The smaller diameter top of the anchor will extend beyond the nut.

5 Using a hammer, tap anchor through hole on top of rack base and into the matching drilled hole in concrete. Hammer until rack is flat on concrete surface and bolt/nut is tight on top of rack base.

6 Using a 9/16” wrench or socket wrench, tighten the nut to 20-25 ft/lbs of torque.