

# Angled Hook Operation and Maintenance



Figure 1 - TOP: Angled Hook Bike Rack. BTM LEFT: SwingLock Rear Wheel Bike Rack. BTM RIGHT: Vertical mount bracket for SwingLock Rear

INSTALLATION & OVERVIEW .....	2
Mounting Height .....	2
OPERATION .....	3
Loading Bikes.....	3
MAINTENANCE & SPARES.....	6
Visual Inspection Checklist.....	6
Maintenance.....	6

## INSTALLATION & OVERVIEW

There are several factors that need to be addressed when installing the Angled Hook. These factors include the:

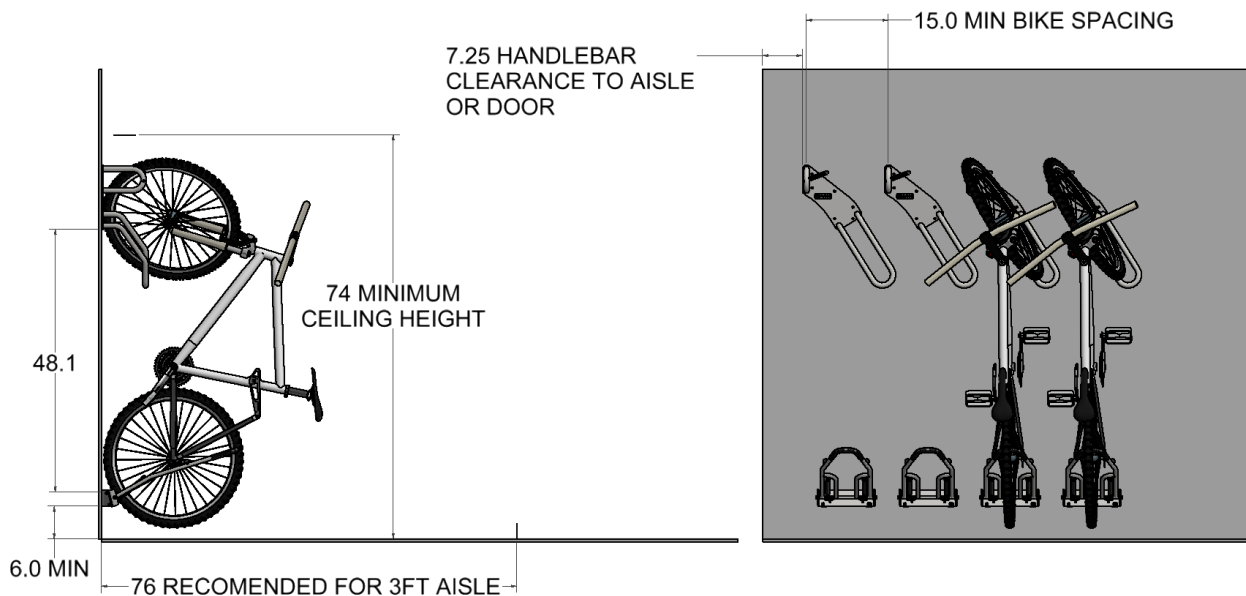
- Mounting Height
- Ceiling Clearance
- Aisle Clearance
- Bicycle Clearance

Carefully read and understand the following information regarding the positioning of the rack before beginning the installation process.

### Mounting Height

It is preferable to mount the Angled Hook as low as possible to make it easy to install the bicycle. The minimum mounting height shown below should be high enough for most bicycles. The side to side space can be as low as 15" but if there is room it is better to increase it to 16" or 17".

### ANGLED HOOK INSTALLATION



See the *Angled Hook Generic Layout* document at [www.sportworks.com/product/angled-hook](http://www.sportworks.com/product/angled-hook) for more detailed space use information.

## OPERATION

The Angled Hook bike rack is very simple and easy to use. It is compact when stowed and quickly creates a reliable and intuitive bike parking solution. The Angled Hook supports the weight of bicycle while the gas spring assist Swinglock Wheel Loop secures the bicycle and prevents side to side movement.

### Loading Bikes

The following graphics illustrate the sequence of loading a bike in the Angled Hook.

Step 1: Pull the Swinglock Loop away from the wall and rotate it down to the floor. You can use your foot to push it down. It will stay in place.



Step 2: Put your bike up on it's rear wheel and roll front wheel into loop. Turn the handlebars to the right to line up with the loop.



Step 3: Push up and roll your bike up to the straight hook. Slip your front rim up and over hook. Let the bike hang and line up rear wheel into Swinglock Rear loop. Use your toe to flip up Swinglock.



## MAINTENANCE & SPARES

The Angled Hook requires very little service. Regular suggested maintenance checks are included below.

### Visual Inspection Checklist

Sportworks recommends the following quick visual inspection to ensure an operable bike rack. Use this page as an inspection sheet for your transit operators.

Examine the list below before operating your vehicle. If the bike rack does not function properly, service it before putting it into operation.

1. \_\_\_\_\_√ SWINGLOCK REAR LOOP DEPLOYS  
Replace gas springs if faulty.
2. \_\_\_\_\_√ SWINGLOCK REAL LOOP STOWS COMPLETELY  
Replace gas springs if faulty.
3. \_\_\_\_\_√ STRAIGHT HOOK BOOT IS UNDAMAGED  
Replace boot if damaged

### Maintenance

The Angled Hook requires virtually no maintenance when used in an indoor environment, and especially when visually inspected regularly. Sportworks offers a complete range of spare parts if any maintenance issues arise, please see the separate parts drawing for a listing of all spare parts.