



# GREENSPOKE

BIKE REPAIR STATION GUIDE

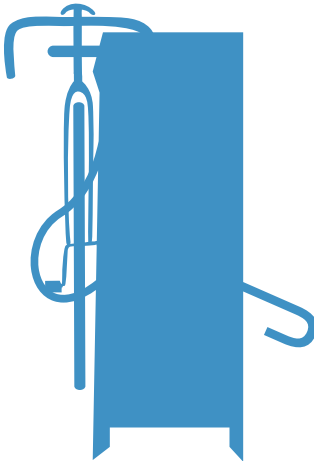


**WHY**  
**PUBLIC BIKE**  
**REPAIR**  
**STATIONS**  
ARE IMPORTANT

# 1

Bicycle repair stations are a clear and practical way to communicate how much you value and encourage cycling within your community.

Whether you are implementing a Cycling Master Plan or trying to increase or accommodate local bike traffic, public bike repair stations are a valuable addition to your cycling infrastructure.



# QUALITY

PUBLIC BIKE

# REPAIR STATION

# TOOLS

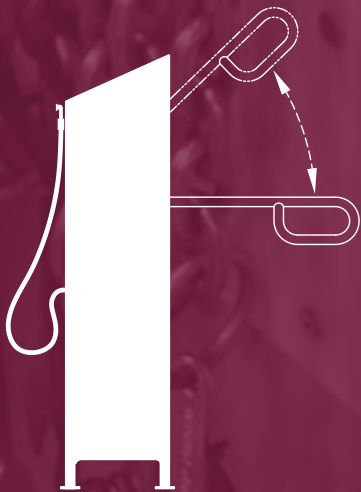


A repair station is only as good as its tools and it's worth investing in professional grade, reliable tools that are built to last. A public bike repair station should be able to withstand the pressure of long-term use without compromising ease of use.

## AIR PUMP

The air pump is the most frequently used tool on a public bike repair station since low tire pressure is the most common issue that riders face.

# 2



Greenspoke air pumps have no mechanical parts that could fail inside the pump cylinder. We've built a heavy-duty housing to protect the pump and the mechanism from vandalism. We also provide a 2-in-1 air chuck suitable for both Presta and Schrader tires.



## ALLEN WRENCHES

Did you know allen wrenches are the most commonly stolen tools on repair stations? They also tend to wear more quickly than other tools due to their high rate of usage and conventional fabrication methods.



To maximize their longevity, Greenspoke produces its own theft-resistant stainless steel housing for its Allen wrenches. We also manufacture our own proprietary designs of multi-use open and flat wrenches.

# 2



## ***The complete set of tools on our repair station includes:***

- ▶ Phillips and flat head screwdrivers
- ▶ 2.5, 3, 4, 5, 6, 8mm Allen wrenches
- ▶ Open and flat wrench for pedals, hubs and bearings: 13, 14, 15 & 16 mm (Qty: 2)
- ▶ Open and flat wrenches for head set: 30, 32, 36 & 40 mm (with supplemental 15 & 17 mm axle nut capability)
- ▶ Adjustable wrench, 6" long, for axle nuts, etc.
- ▶ Tire levers (Qty: 2)

# WHERE TO INSTALL PUBLIC BIKE REPAIR STATIONS



Factors to consider when determining where to install your public bike repair stations.





# 3

## SPACE

***Users need ample room to access the tools and safely lift their bikes onto the station hanger to perform repairs.***

We recommend a minimum of 3 feet on each side but site needs may vary.

## SAFETY

***Install in well-lit and visible locations that are free of obstacles.*** Whether you choose to install your stations indoors or outdoors, consider their proximity to high traffic areas like stairs, doors, accessibility ramps, and ensure that pedestrian access to walkways is not restricted.

## CONVENIENCE

***Place at locations that are convenient for riders to find and easily accessible.*** Choosing sites along popular cycling routes or near bicycle parking will increase station usage.

***A repair station should be located at a logical starting or ending point or in an area where cyclists are likely to stop.***

COMMON

# SECURITY CONCERNS



## THEFT

*Theft of tools can be managed through practical design and tethering. It's important to have a secure and changeable tool system, as tools will eventually wear with use and need to be replaced.*



Greenspoke repair stations have a hot-swappable system, allowing tools to be replaced on the spot. Our standard station tools are attached to 36 inch long, high-security tethers, available in two styles: air craft cable or heavy gauge chain.



# 4

## VANDALISM



Greenspoke has endeavored to make its repair stations as vandal-resistant as possible. The repair station frames are heavily reinforced and most components can be repaired or replaced on site. For the convenience of our clients and your users, our system allows you to address damages quickly with minimal disruption.

## INSTALLATION

***The mounting surface and anchoring method are two key factors to consider for installation.***

Regardless of where you install your bike repair stations, proper set up is the best way to protect them. Improper assembly and installation increases the risk of theft or damage.



Greenspoke provides a turnkey hardware system that includes everything required for proper installation. Each repair station should be installed on a base secured with concrete anchors that feature security-head bolts.



5

FREQUENTLY ASKED



**QUESTIONS**

ABOUT PUBLIC

**BIKE REPAIR  
STATIONS**

# FAQ

## ACCESSIBILITY

*How will people find my bike repair stations?*



Generate awareness of your bike repair stations by installing them in highly visible locations or areas with heavy bike traffic. You may also wish to place signage around the area, post a map with location details on your various online platforms or connect with local bike shops and cycling advocacy groups to promote within their networks.

## USER DATA

*How will I know if people are using my bike repair stations?*



Measuring and comparing the usage of your repair stations will help you to better serve the needs of your community. An optional stroke counter can be added to any Greenspoke air pump to provide a record of the number of times the pump has been used.

## TOOL KNOWLEDGE

*How can I improve the user experience?*



Help users perform bike repairs effectively and safely by offering information about station tools and their intended uses. This can be as simple as adding stickers or signs to your stations. Providing users with this guidance has the added benefit of minimizing tool damage.

## LIMITATIONS

*Can bike repair stations fix bicycles with extensive damage?*



Public bike repair stations include the tools most commonly required for minor adjustments and quick maintenance. Repair stations are not intended for serious repairs or to fix damaged bicycles.



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