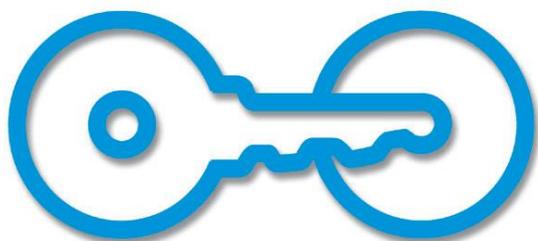




# Fixit



The Fixit includes all the tools necessary to perform basic repairs and maintenance, from changing a flat to adjusting brakes and derailleurs. The tools and air pump are securely attached to the stand with stainless steel cables and tamper-proof fasteners. Hanging the bike from the hanger arms allows the pedals and wheels to spin freely while making adjustments. For help with repairs use the Quick Read (QR) code on the front of the Fixit to view detailed instructions on your smart phone.



**American Bicycle Security Company**

P.O. Box 7359

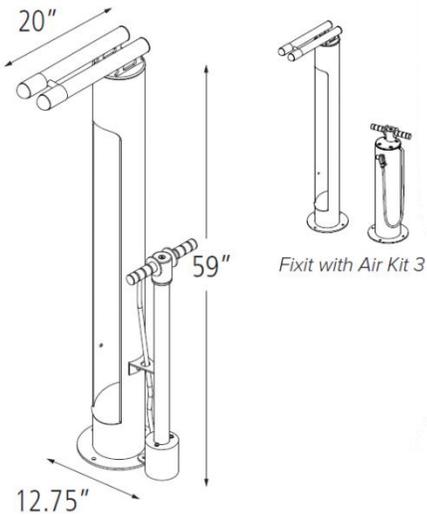
Ventura, CA 93006

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Fax: (805) 933-1865

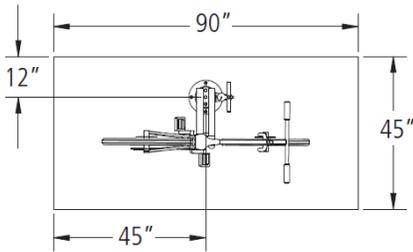
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Fixit with Air Kit 3

Fixit with Air Kit 2



Minimum Footprint



Example of Fix It in use

- Product** Fixit
- Capacity** 1 Bike – Not a lockable device
- Materials** Main body: 6.308 x .154" tube  
 Bike Hanger: 1.5" sch. 40 pipe, 1/4" plate  
 Foot: 10" dia. x .25" plate  
 Tool tethers: 5/32" stainless steel cable  
 Manual air pump  
 Hand tools:
- Philips and flat head screwdrivers
  - 2.5, 3, 4, 5, 6, 8mm Allen wrenches
  - Headset wrench
  - Pedal wrench
  - 8, 9, 10, 11mm box wrenches
  - Tire levers (2)

**Finishes** Standard options: Galvanized



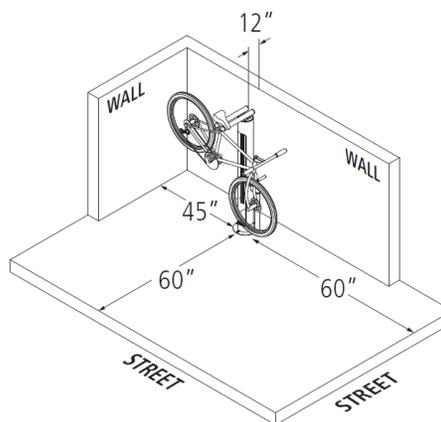
Powder Coated

RAL 9005	Flat Black	RAL 9003	RAL 2004	RAL 1023	Bright Yellow
RAL 6016	RAL 6018	RAL 6005	RAL 5005	RAL 5015	Purple
RAL 7011	RAL 7042	RAL 9007	RAL 1001	RAL 8014	Bronze
RAL 3003	RAL 3005				

Also available in Thermoplastic.

**Installation Methods** **Foot Mount** has 10" diameter x.25" foot with four anchors per foot.

**Space Use & Setbacks**

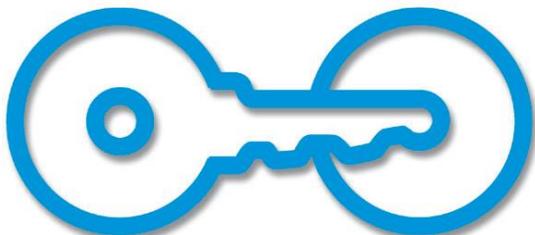


**Wall Setbacks:**

The back of the Fixit should be 12" from wall. Both sides of the Fixit should be at least 45" from walls or other obstructions. No part of the Fixit should protrude into a walkway, bike lane, or common area.

**Street Setbacks:**

For Fixits running parallel to the street, a 60" setback is recommended. For Fixits installed perpendicular to the street, a 60" setback is the minimum.



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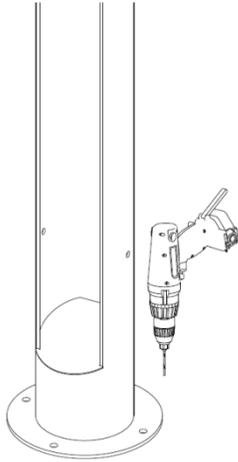
### Tools Needed for Installation

- Hammer drill
- 3/8" masonry bit
- Hammer
- Socket Wrench
- 9/16" socket
- Tamper-proof socket (included)
- Socket extension, 6" min.

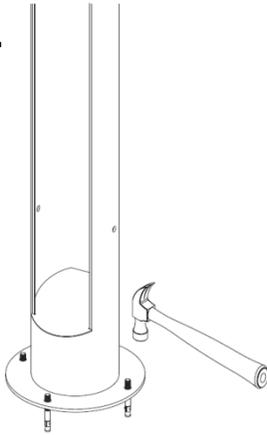
### Instructions:

1. Reference the Fixit setback recommendations and place the upright in the desired location. Use the base as a template and drill (4) 3/8" x 3" holes in the concrete with a hammer drill and masonry bit. Clean up all concrete dust from drilling.
2. Hammer in the (4) wedge anchors. Leave at least 3/4" of an inch of exposed threads above the Fixit base.
3. Decide which position the pump will be installed in and place the bottom pump flange over the corresponding wedge anchor. Attach the top pump flange to the Fixit upright with a carriage bolt, washer, and tamper-proof nut. Tighten all wedge anchors with washers and nuts.
4. Insert the tool cables into the cable slot on the Fixit upright.
5. Place the bike hanger in the desired position on top of the Fixit upright and attach with carriage bolts, washers and nuts.

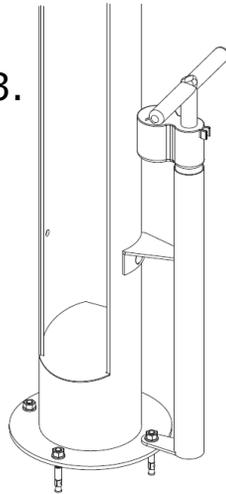
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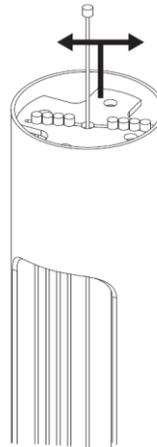
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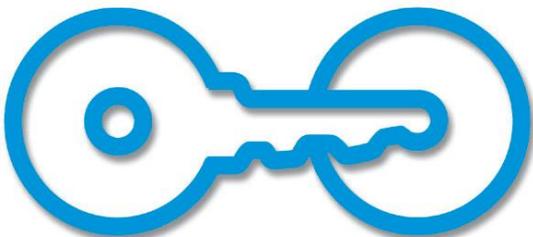
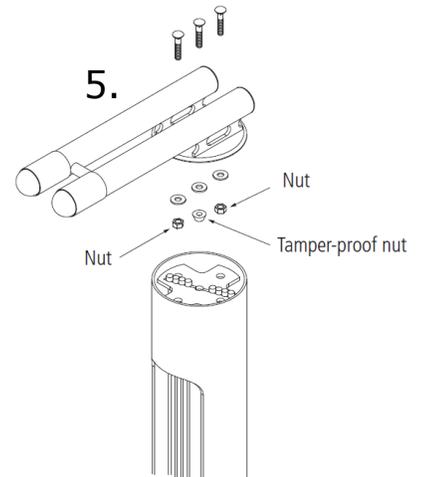
3.



4.



5.



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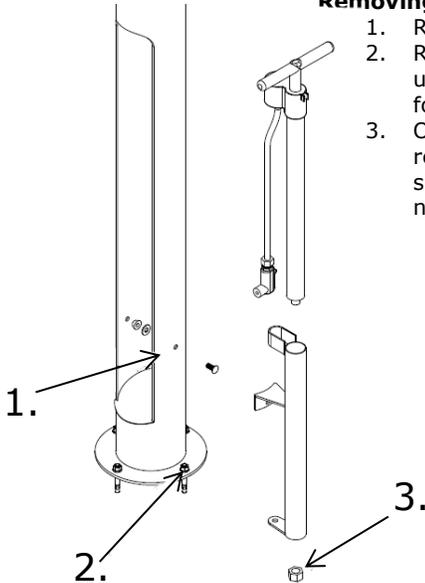
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Please note: All threads for all parts of the pump are right-hand threads. They tighten clockwise, and loosen counterclockwise (“righty tighty, lefty loosey”). However, when you are looking top-down at a bolt that threads from underneath, if you move it counter-clockwise from your point of view, you are actually tightening, not loosening, the nut! This has led to some unnecessary breakage of pump parts. Be sure you are looking at the nut with the proper orientation before tightening or loosening.

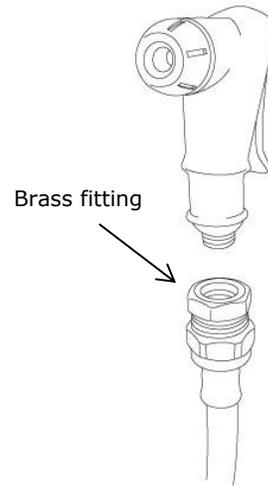
### Removing the Airpump from the Fixit

1. Remove nut and bolt on side of Fixit.
2. Remove tamperproof nut on bottom of Fixit, using the Tamperproof Penta Tool supplied for this purpose.
3. Once Airpump is removed, but still in sleeve, remove the 1 3/16" nut on the bottom of the sleeve (turning counter-clockwise). You can now slide the pump out



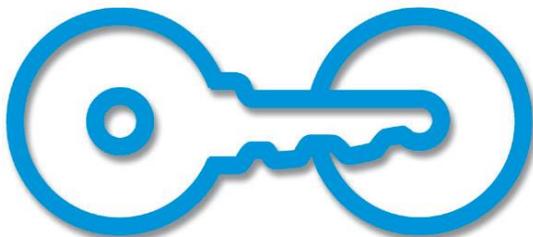
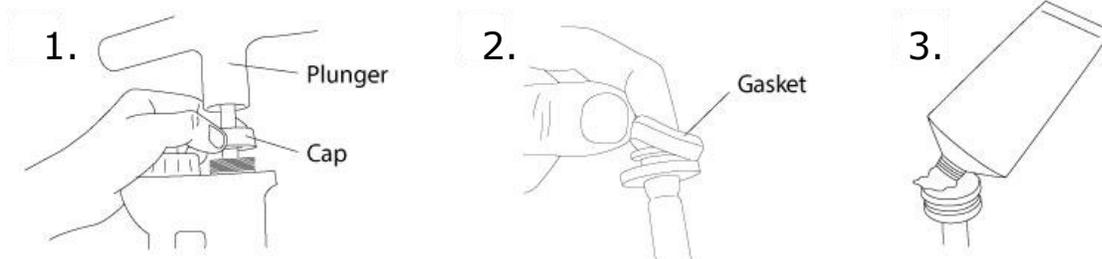
### Changing the Pumphead

Remove the black heat-shrink covering the base of the pumphead. Unscrew the pumphead from the Brass fitting by turning counterclockwise. You will need to keep the brass fitting for the new pumphead. Replace the pumphead. If you will be replacing the heat shrink then put the heat-shrink sleeve over the hose before replacing pumphead. Once pumphead is on, pull heat-shrink sleeve over the brass fitting and use a heat gun to shrink it.



### Lubricating or Removing the Pumphead

Unscrew the cap on the top of the pump that the plunger goes through. This allows you to remove the plunger, and to lubricate or replace the plunger gasket. Use silicone grease only to lubricate the plunger gasket. Doing this every two months will help maintain a proper seal.



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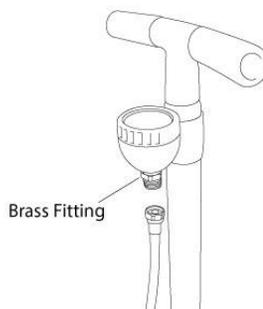
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### Replacing the Pump Hose

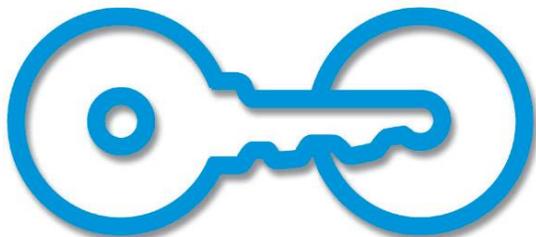
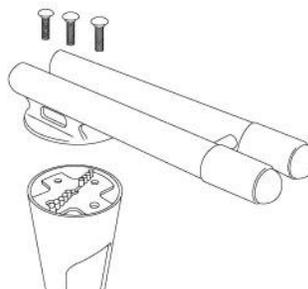
First, remove the pump from the Fixit (see previous page). Then, remove pump from the metal sleeve. Once the pump is fully removed, you can unscrew the hose, leaving the brass fitting attached to the gauge. You will need two wrenches to loosen the hose—one for the hose, and one for the brass fitting. Be sure to keep the brass fitting, you'll need it to re-attach your new hose.



Attach new hose to the bottom of the brass fitting.

### Replacing the Tools

There are three bolts at the top of the Fixit. Underneath are two 3/8" nuts, and one penta tamperproof nut. These are all best removed with a socket wrench, using the extension tool to enable you to reach the nuts. Once the nuts are removed, take off the cap to replace tools.



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