



Patent Pending



## DERO AIR KIT

- Sturdy, re-inforced air pump
- Universal pump head
- User-friendly and durable

The most common maintenance issue for any biker is keeping air in the tires. Help out your cyclists by adding a Dero Air Kit to your bike parking area. The pump is secured with tamper-proof hardware and reinforced for maximum durability.

	Air Kit 1	Air Kit 2	Air Kit 3
PSI Gauge	✓		✓
Anti-fog Gauge			✓
Magnetic Head	✓	✓	✓
3 Foot Hose	✓	✓	✓
BMX Grips		✓	✓
Security Level	Moderate	High	High
-30 to 110 F Gasket		✓	✓
Attach to Fixit	✓	✓	
Surface Mount	✓	✓	✓
Maintenance	Moderate	Easy	Easy
Warranty	6 Mo.	1 Year	1 Year

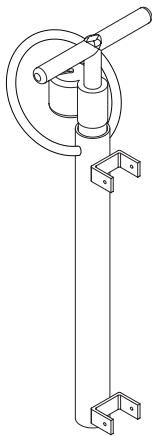
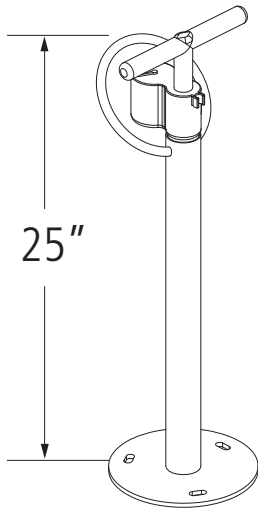


**DERO**  
A PLAYCORE Company

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 Printed on recycled paper



*Custom flanges are available for mounting directly to bike racks*

**Product**

Dero Air Kit  
As manufactured by Dero Bike Racks

**Materials**



Main Body: 1 7/8" 16g tube  
Pump Guard: 1/2" round bar, 11g steel  
Manual air pump: Park Tool Co.  
Foot: 1/4" steel

**Finishes**



An after fabrication hot dipped galvanized finish is our standard option. 250 TGIC powder coat colors, and a thermoplastic coating are also available as alternate options.

Our powder coat finish assures a high level of adhesion and durability by following these steps:

1. Sandblast
2. Epoxy primer electrostatically applied
3. Final thick TGIC polyester powder coat

**Installation Methods**

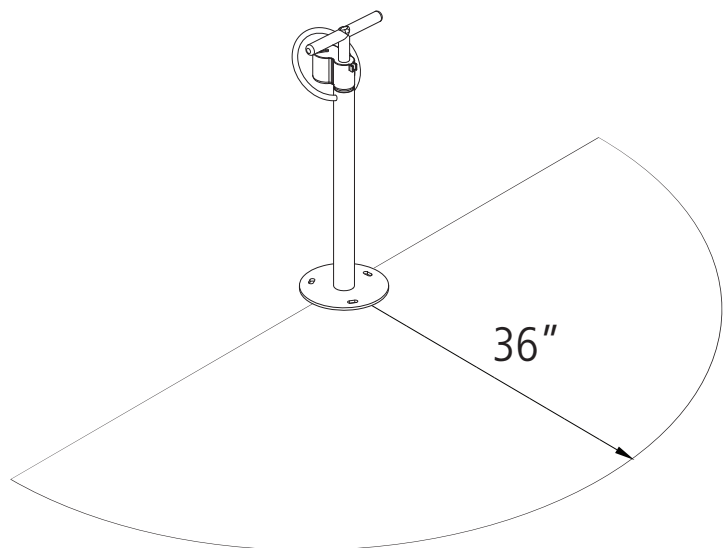


Surface Mount has 8" diameter x .25" flange with three anchoring holes for mounting with standard wedge anchors.

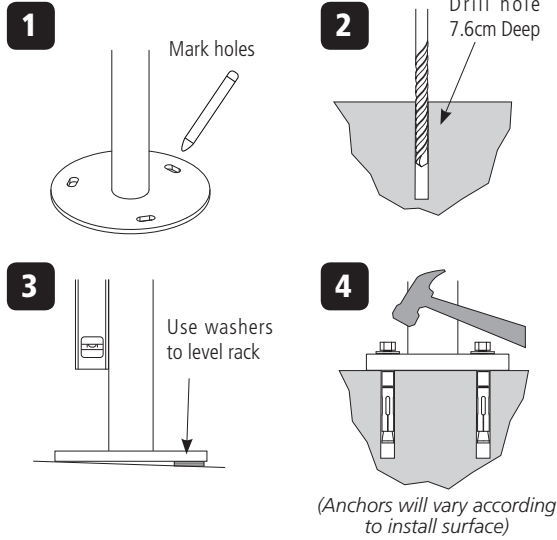
**Space Use and Setbacks**



The Air Kit should be installed at least 36" from any obstruction.



**Anchoring Surface Mounted Air Kit to Ground**



**Tools Needed for Installation**

- Marker or Pencil
- Masonry Drill Bit 3/8"
- Drill (Hammer drill recommended)
- Hammer
- Wrench 9/16"
- Level

**Installation:**

3/8" anchors are shipped with the Air Kit. Place the Air Kit in the desired location on the ground. Use a marker or pencil to outline the holes of the flange onto the base material. Drill the holes in accordance with the specifications shipped with the anchors. Make sure the holes are at least 3" away from any cracks in the base material. Use washers to level Air Kit if necessary. Tap in anchors and follow your specific anchor instructions provided with the rack.



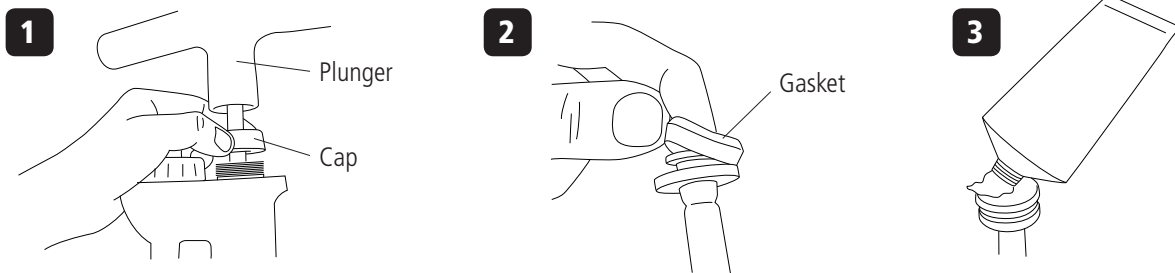
If you have any questions about installation or other features of the Air Kit, please call us toll free at 1-888-337-6729



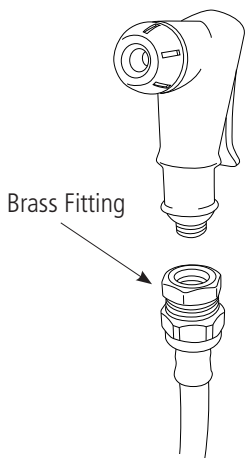
**Note:** All threads for all parts of the pump are right-hand threads. They tighten clockwise, and loosen counter-clockwise ("righty tighty, lefty loosey"). However, when you are looking top-down at a bolt that threads from underneath, if you move it counter-clockwise from your point of view, you are 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.

**Plunger Gasket Maintenance**

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.



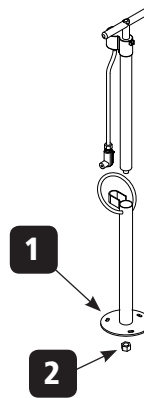
**Changing the Pumphead**



Remove the black heat-shrink covering the base of the pumphead. Unscrew the pumphead from the brass fitting (turning counter-clockwise). 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 heatgun to shrink it.

**Removing the Airpump from the Air Kit**



1. Remove nuts on flange anchors.
2. 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.

