

AIR KIT 2



A Bike Pump for Everyone

The Air Kit 2 is a Dero-designed and fabricated bike pump made for public use and built to withstand weather year-round. Made in Minnesota (where we know a thing or two about weather), the Air Kit 2 is built from tough, Schedule 40 steel, and is serviceable down to the plunger and gaskets. It also features our new Metal Head™, a sturdy cast aluminum pump head with Presta and Schrader valve compatibility. The pump hose is made of steel-reinforced hydraulic hose for added durability, and replacement pump heads and gaskets are available on our website.

Patent US9,765,766 B2

AIR KIT 2

Durable hand grips

Aluminum pump head accepts schrader and presta valves

Reinforced air hose

Gasket rating -30° to 110° F



Supplement your Air Kit with our Pump Stop, a convenient accessory that holds bikes upright while filling your tires.

FINISH OPTIONS

Galvanized



Stainless



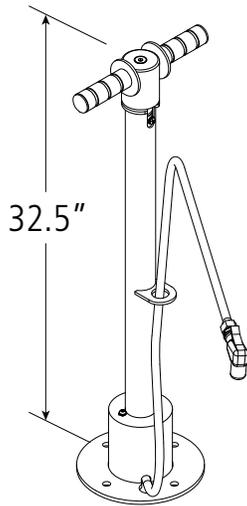
Powder Coat

White	Black	Light Gray RAL 7042	Deep Red RAL 3003	Yellow RAL 1023
CNH Bright Yellow	Orange RAL 2004	Beige RAL 1001	Iron Gray 7011	Hunter Green RAL 6005
Light Green RAL 6018	Green RAL 6016	Sepia Brown RAL 8014	Bronze	Silver 9007
Dark Purple	Flat Black	Wine Red RAL 3005		

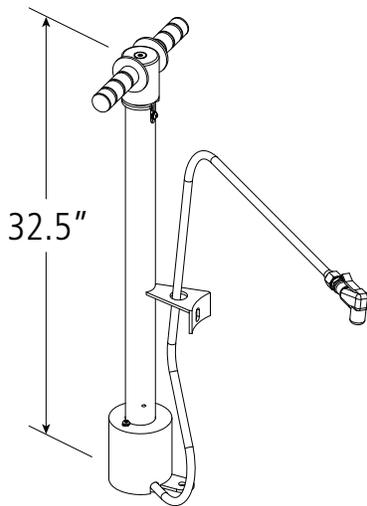


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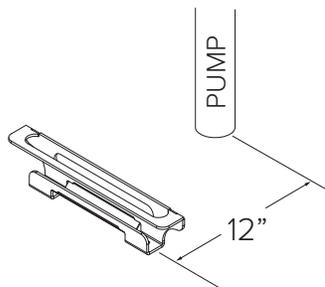
Submittal Sheet



Surface Mount



Fixit Mount



An optional wheel catch is also available to hold bikes with no kick stands

MATERIALS

Main Body: 1.5" schedule 40 pipe
Manual air pump: Dero made
Foot: 1/4" steel

FINISHES



Galvanized

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



Powder Coat

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



Stainless

Stainless Steel: 304 grade stainless steel material finished in either a high polished shine or a satin finish.

MOUNT OPTIONS



Surface

Surface Mount has 10" diameter x .25" flange with four anchoring holes for mounting with standard wedge anchors.



Fixit

Air Kit 2 mounts to side of Fixit bike repair station

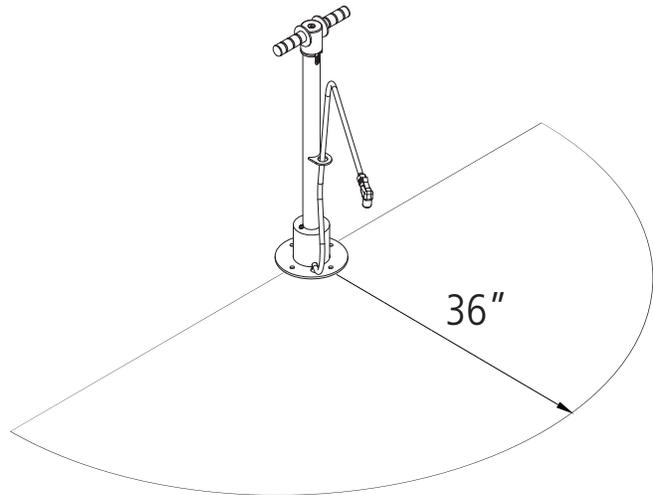


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Setbacks

The Air Kit 2 should be installed 36" from any obstruction.



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Installation Instructions – Surface Mount

TOOLS NEEDED

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

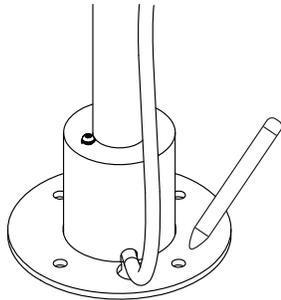
RECOMMENDED BASE MATERIAL

Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your Air Kit, ask your Dero representative which anchor is appropriate for your application. Be sure nothing is underneath the base material that could be damaged by drilling.



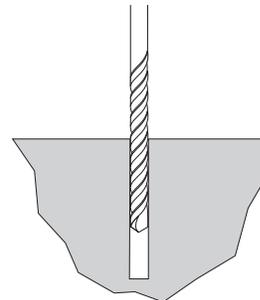
Be sure to save your tamper-resistant tools for any future maintenance. They are costly to replace.

1



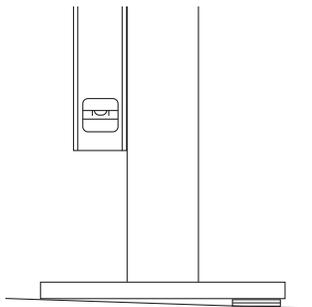
Place the Air Kit 2 in the desired location. Use a marker or pencil to outline the holes of the flange onto the base material.

2



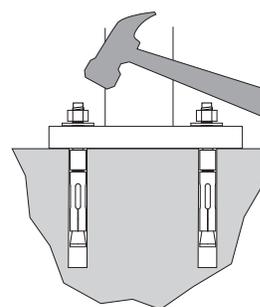
Drill the holes in accordance with the specifications shipped with the anchors. Make sure the holes are at least 3" away from any cracks in the base material.

3



Use washers to level pump if necessary.

4



Thread nuts onto anchors, leaving approximately 1/4" of the anchor protruding, and tap into surface. **Place the 2 provided tamper-proof penta nuts on opposite sides.** Tighten nuts down to secure pump.



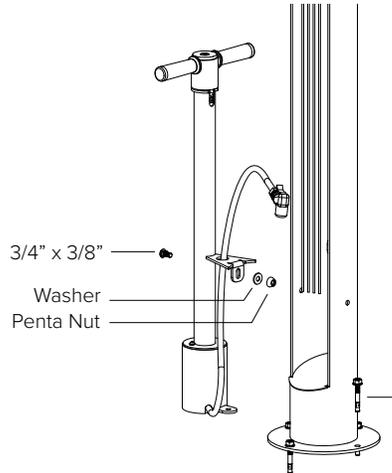
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Installation Instructions – Fixit Mount

1



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.



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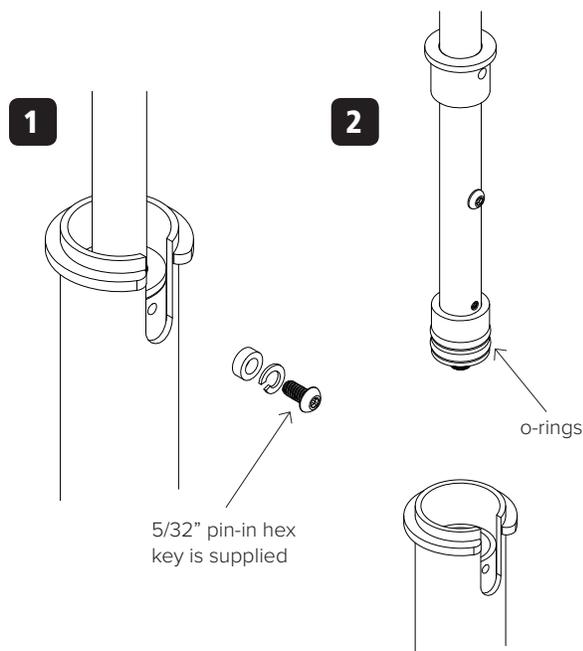
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Maintenance and Repair Instructions

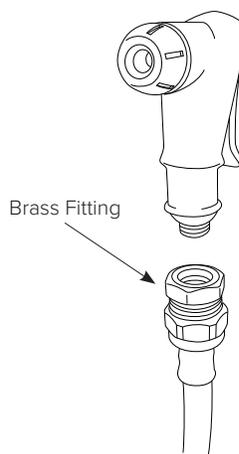
Note: All threads for all parts of the pump are right-hand threads. They tighten clockwise, and loosen counter-clockwise (“righty tighty, lefty loosey”). However, when you are looking top-down at a bolt that threads from underneath, if you move it counter-clockwise from your point of view, you are actually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

AIR KIT 2 MAINTENANCE

- 1** Remove tamper-resistant screws, lock washer and spacer.
- 2** Plunger assembly may now be pulled out. To replace gaskets, pry old o-rings off and clean piston. Apply new silicone grease and install new gaskets. Apply more silicone grease to new o-rings. Re-assemble and wipe off excess grease when done.



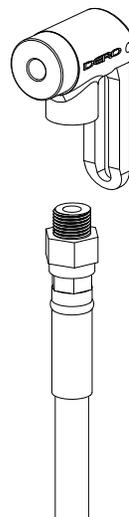
CHANGING PLASTIC PUMP HEAD



Remove the red heat-shrink covering the base of the pump head. Unscrew the pumphead from the brass fitting (turning counter-clockwise). You will need to keep the brass fitting for the new pump head. Replace the pump head.

If you will be replacing the heat-shrink, then put the heat-shrink sleeve over the hose before replacing pump head. Once pump head is on, pull heat-shrink sleeve over the brass fitting and use a heatgun to shrink it.

CHANGING METAL HEAD™



Remove Metal Head™ by turning counter-clockwise. You will need a 3/4" wrench. Replace with new Metal Head and tighten.

If you are replacing a plastic pump head with a Metal Head, you will need to also purchase a replacement hose.



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