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*
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

Deep Red

Yellow

RAL 7042

RAL 3003

RAL 1023

Orange

Beige

Iron Gray

Hunter Green

RAL 2004

RAL 1001

RAL 7011

RAL 6006

Green

Sepia Brown

Bronze

Silver

RAL 6016

RAL 8014

RAL 9007

Light Green

Dark Purple

Flat Black

Wine Red

RAL 6018

RAL 8005

RAL 9008

RAL 9015

RAL 8021

Gasket coating

Thermoplastic

Black

Green

Red

Gray

Brown
AIR KIT 2
Submittal Sheet

**MATERIALS**
- Main Body: 1.5" schedule 40 pipe
- Manual air pump: Dero made
- Foot: ¼" 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 0.25" flange with four anchoring holes for mounting with standard wedge anchors.

- **Fixit**
  Air Kit 2 mounts to side of Fixit bike repair station

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

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AIR KIT 2
Setbacks

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

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.

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.

Be sure to save your tamper-resistant tools for any future maintenance. They are costly to replace.
AIR KIT 2
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.
AIR KIT 2
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-town 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.