



Patents
11,199,185 B2
11,460,017 B2
11,920,575 B2

Air Kit™ 4

The Air Kit 4 features high-wear anodized aluminum and stainless steel parts and our durable Dero Metal Head™ that accommodates both Presta and Schrader valves. Galvanized plates keep the pump finish attractive and prevent scratches when the pump head is not in use. All internal components are available separately and are easy to service. The Air Kit 4 includes an integrated wheel holder and PSI pressure gauge.

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Air Kit™ 4



- Durable rubber hand grips
- PSI tire pressure gauge
- Gasket rating -30° to 110° F
- Integrated wheel holder
- 25” Reinforced air hose
- Aluminum pump head accepts schrader and presta valves
- Tamper-resistant fasteners included!



Integrated wheel holder



Metal pump head

Air Kits require occasional maintenance and replacing of parts to remain serviceable.
An extra gasket kit for the pump head is included with each unit shipped.

FINISH OPTIONS

Galvanized



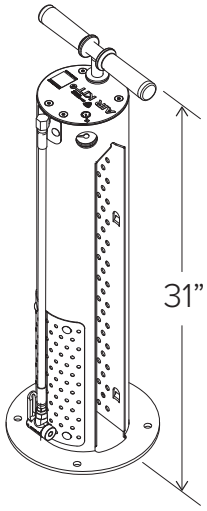
Stainless



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 RAL 7011
- Hunter Green RAL 6005
- Light Green RAL 6018
- Green RAL 6016
- Sepia Brown RAL 8014
- Bronze
- Silver RAL 9007
- Dark Purple
- Flat Black
- Wine Red RAL 3005

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Surface Mount

MATERIALS

Main Body: 6” x 1/8” tube
Top: 1/8” aluminum
Manual air pump: Dero made, max 100psi
Foot: 1/4” steel

FINISHES

☐ **Galvanized**
An after fabrication hot dipped galvanized finish is our standard option.

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

1. Wash with Cal Clean 947 premium alkaline cleaner/degreaser and treat with Advantech P610A Zirconium for corrosion reduction and paint adhesion
2. Epoxy primer electrostatically applied
3. Final thick TGIC polyester powder coat

☐ **Stainless**
Stainless Steel: 304 grade stainless steel material in a satin finish, high polished shine, or powder coat over unpolished stainless.

- ☐ Satin Finish (#4) - Brushed (Our standard)
- ☐ Electropolished - High Polished Shine
- ☐ Powder Coat over Unpolished Stainless

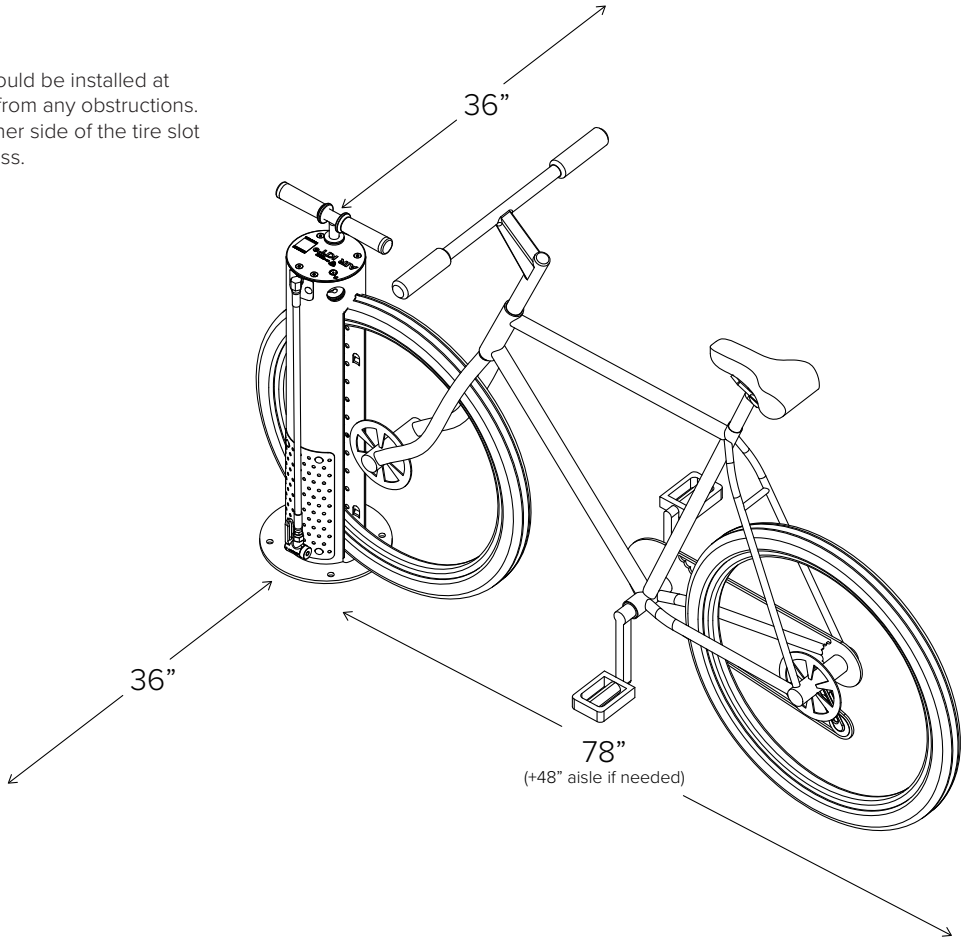
MOUNT OPTIONS

Surface Only
Surface Mount has 10” diameter x .25” flange with four anchoring holes for mounting with standard wedge anchors. Tamper-resistant fasteners are included.

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Setbacks

The Air Kit 4 should be installed at least 36” away from any obstructions. Allow 78” to either side of the tire slot for bicycle access.



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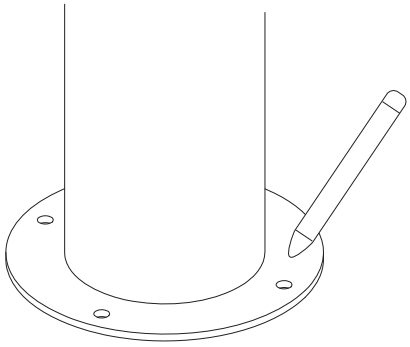
TOOLS NEEDED

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

RECOMMENDED BASE MATERIAL

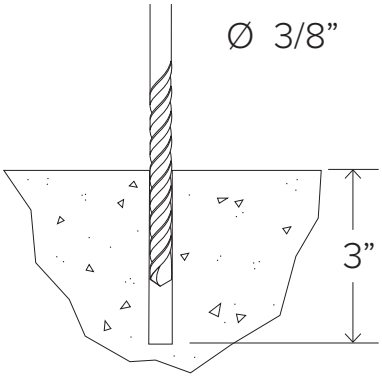
Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your Air Kit, ask your Dero representative which anchor is appropriate for your application. Be sure nothing is underneath the base material that could be damaged by drilling.

1



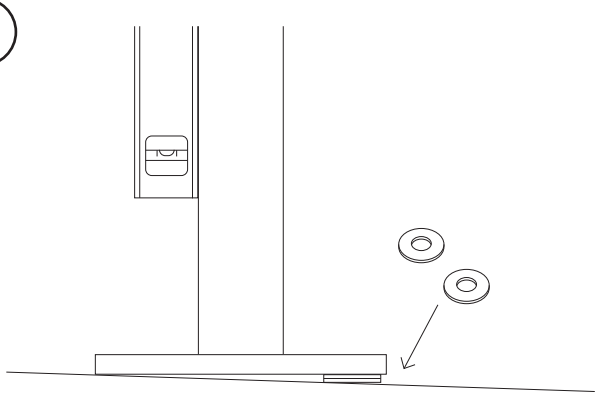
Place the Air Kit 4 in the desired location. Use a marker or pencil to outline the holes of the flange onto the base material.

2



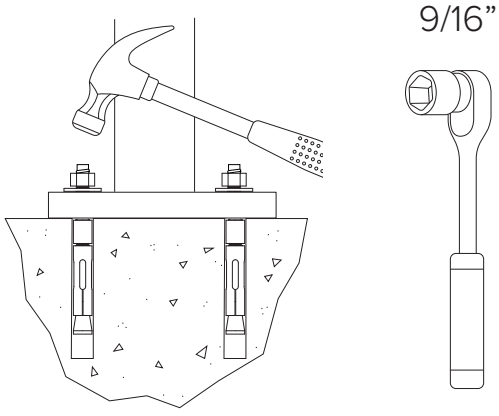
Drill 3/8” diameter holes 3” deep into surface. Make sure the holes are at least 3” away from any cracks in the base material.

3



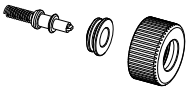
Use washers to level pump if necessary.

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.

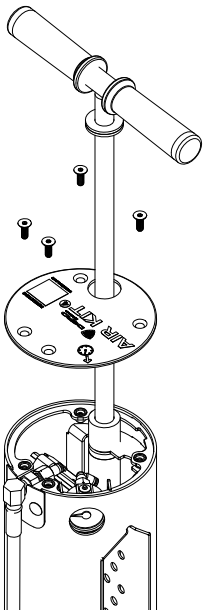
Be sure to save your tamper-resistant tools for any future maintenance. They are costly to replace.



Because public pumps require occasional maintenance, a spare pump head gasket kit is included with each unit shipped. Save this kit for future use.

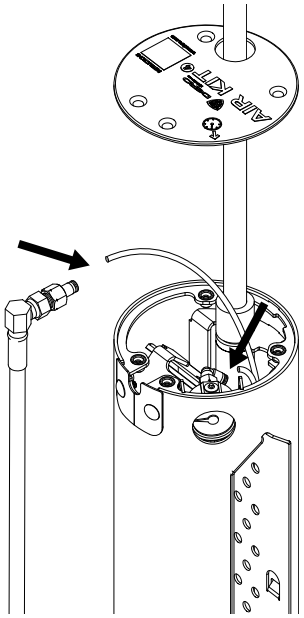
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1



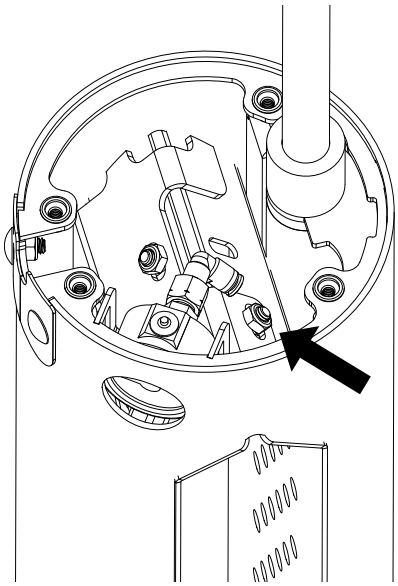
Remove the 4 tamper-proof screws at the top of the pump and lift the cap.

2



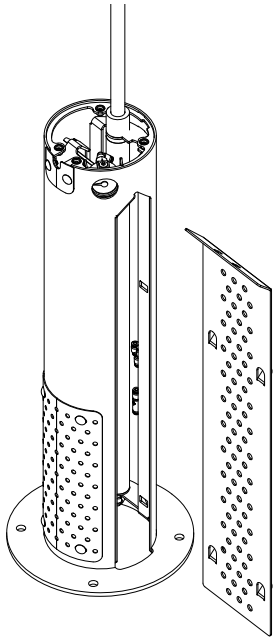
Disconnect the air line via the push-to-connect fitting at the top of the hose and at the pressure gauge.

3



Remove the nut and carriage bolt at the top of the perforated center plate adjacent to the pump.

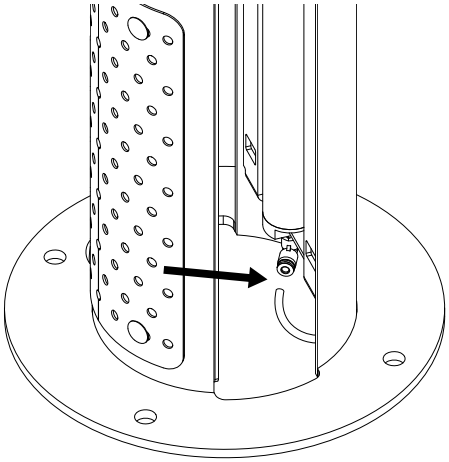
4



Lower the center plate to disengage the 4 tabs and slide it out of the main body.

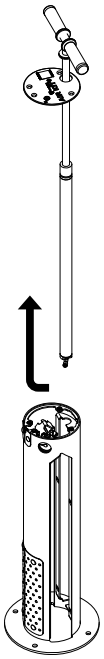
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5



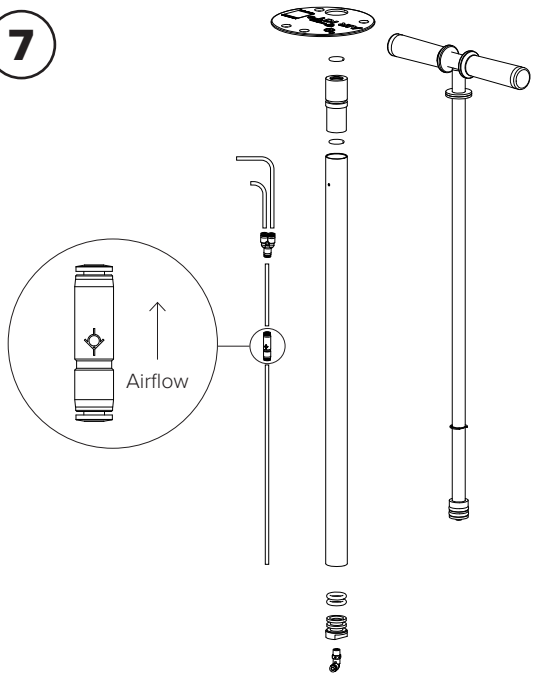
Disconnect the air line via the push-to-connect fitting at the bottom of the pump.

6



Slide the pump sideways out of the main body slots and then lift the whole pump out of the main body.

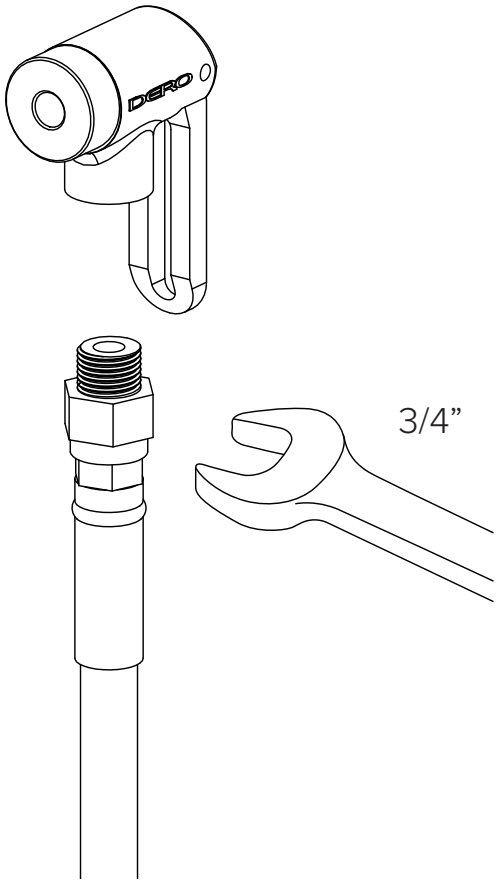
7



The pump can now be taken apart without tools for servicing.

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



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