

TWO-TIER BIKE LOCKER



Next Level Security

We take long-term bicycle storage to new heights with the new Dero Two-Tier Bike Locker. It's upper tray lift-assist makes it easy to load and provides a space-saving solution to meet the increasing demand for covered bike parking.

This 2-tier locker ships flat to save on freight, comes in galvanized and powder coat finish options, and has a modular design.

PRODUCT & PRICING INFO

 **STREETSCAPES**
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TWO-TIER BIKE LOCKER



- Includes upper Dero Decker lift-assist tray
- Key option or u-lock/padlock bracket
- Leveling feet
- Modular design
- Door closer and gear hook are available
- Panels and door are galvanized under powder coat



FINISH OPTIONS

Galvanized



Powder Coat

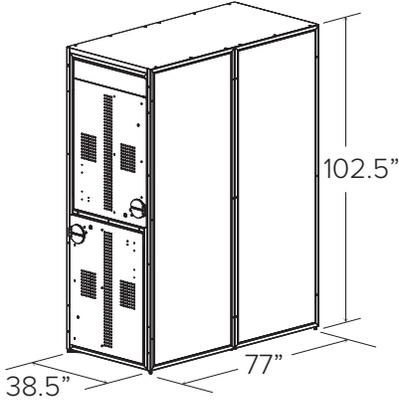
White	Black	Light Gray RAL 7042	Deep Red RAL 3003	Yellow RAL 1023
CNH Bright Yellow	Orange RAL 2004	Blue RAL 5005	Sky Blue RAL 5015	Hunter Green RAL 6005
Light Green RAL 6018	Green RAL 6016	Sepia Brown RAL 8014	Bronze	Silver 9007
Dark Purple	Flat Black	Wine Red RAL 3005	Beige RAL 1001	Iron Gray 7011

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TWO-TIER BIKE LOCKER

Submittal Sheet



CAPACITY 2 Bikes

MATERIALS
 Frame: 1.5" x 14g square tube
 Sides: 18g plate
 Doors: 16g plate
 Top: 18g plate

FINISHES

- Galvanized**
 An after fabrication hot dipped galvanized finish is our standard option on frame components. Pre-fabrication galvanizing is standard on panel components.
- 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

LOAD DATA 40 psf snow, 90 mph wind exposure B, high seismic

SETBACKS Allow a 60" clearance from door face.

STANDARD

- Leveling feet
- Ventilating window on doors
- Graffiti resistant
- UV resistant

OPTIONS

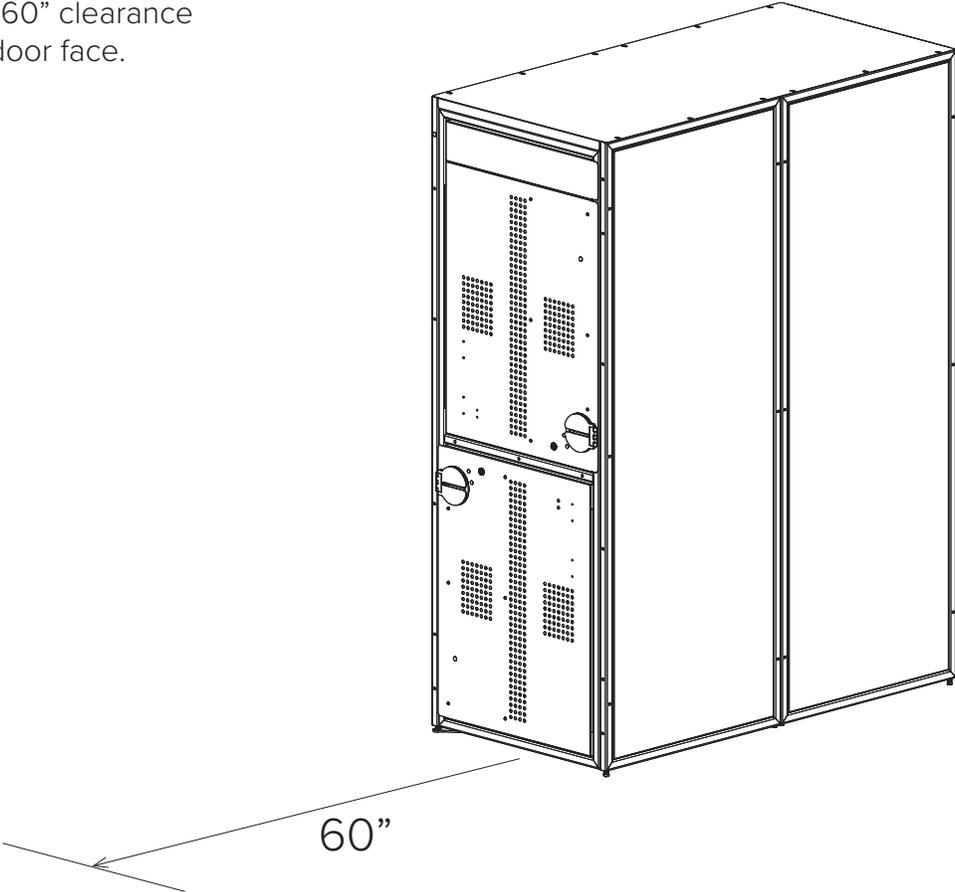
- Gear hook
- Numbered plates
- Door closer

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TWO-TIER BIKE LOCKER

Setbacks

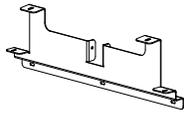
Allow 60" clearance
from door face.



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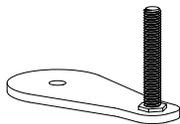
Parts List



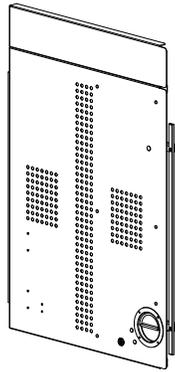
Dero Decker Mount, Front



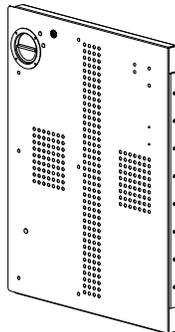
Dero Decker Mount, Rear



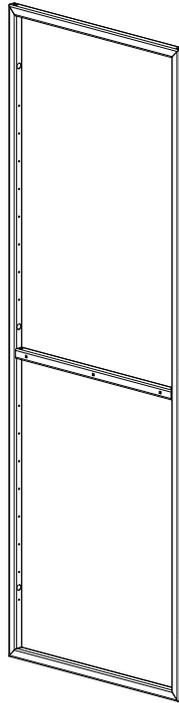
Leveling Foot



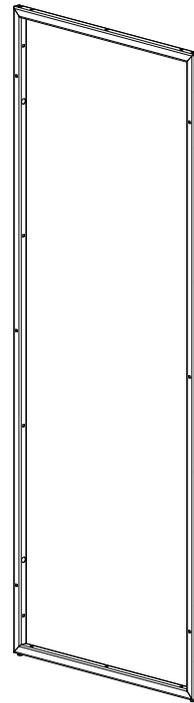
Door Assembly, Upper



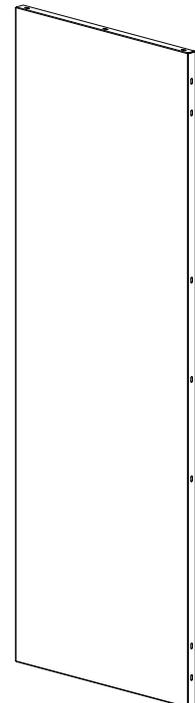
Door Assembly, Lower



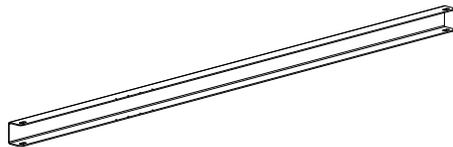
Door Frame



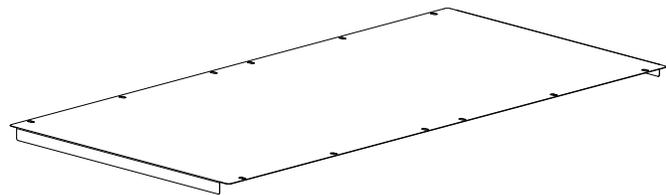
Frame Section



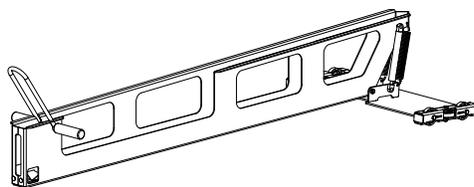
Frame Panel



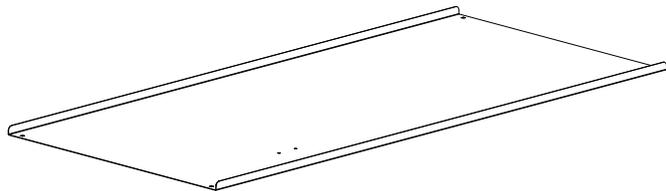
Dero Decker Track



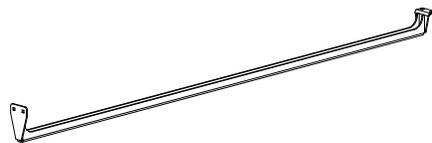
Roof Panel



Dero Decker Tray Assembly



Drip Tray



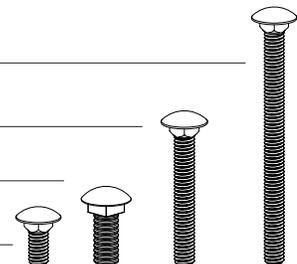
Dero Decker Wheel Guide

Carriage Bolt .3125 x 4.00

Carriage Bolt .3125 x 2.25

Carriage Bolt .375 x 1.00

Carriage Bolt .3125 x .75



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TWO-TIER BIKE LOCKER

Installation Instructions

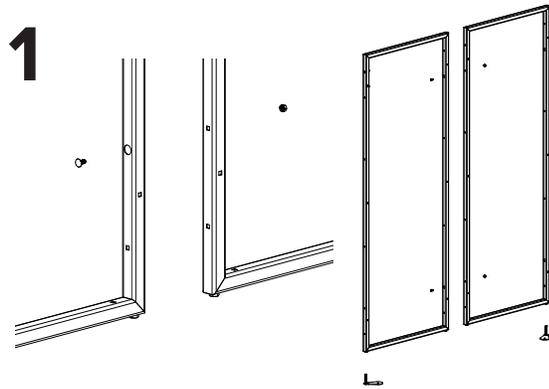
TOOLS NEEDED

Hammer drill with $\frac{3}{8}$ " masonry bit
Hammer
Bubble level
Tape measure
 $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ " wrenches
Socket wrench
 $\frac{3}{8}$ ", $\frac{7}{16}$ ", $\frac{1}{2}$ ", $\frac{9}{16}$ " sockets
Socket extension
Power drill
#3 Philips screw driver bit

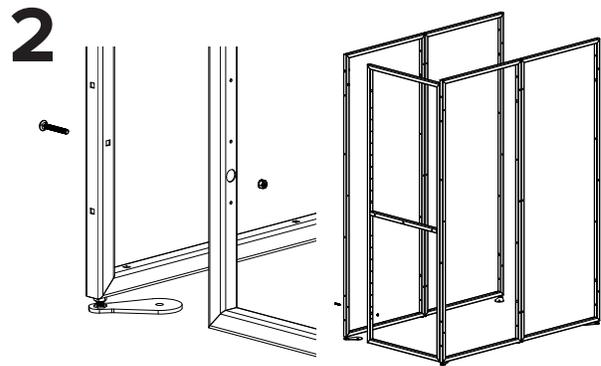
RECOMMENDED BASE MATERIAL

Solid concrete is the best base material for installation. To ensure the proper anchors are shipped with your rack, 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.

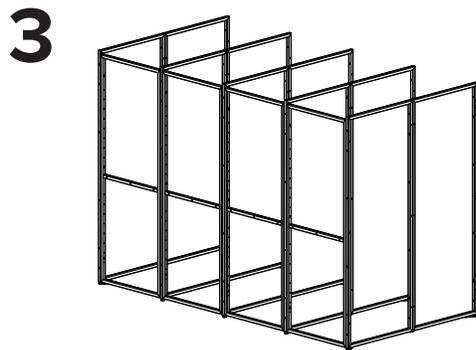
Notify Dero sales department of any ground slope.



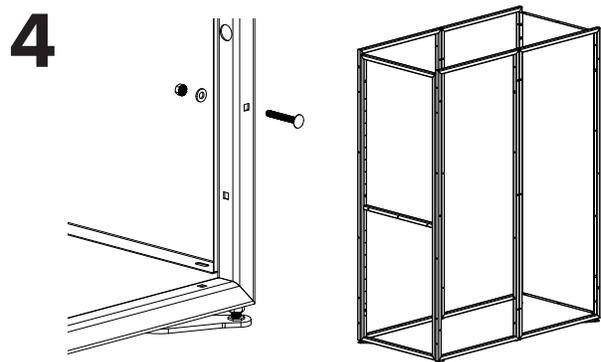
Attach (2) frame sections with (2) $5/16$ " x $3/4$ " carriage bolts and lock nuts. Then thread (2) leveling feet into the outer, bottom corners of the assembled frame sections.



Attach (2) frame assemblies with the door frame with (6) $5/16$ " x 2.25" carriage bolts and lock nuts. Note the smaller opening in the door frame is in the lower position.



If a modular row of lockers is being assembled, continue attaching frame assemblies and door frames. Level the assembly with the leveling feet and secure them to the ground with $3/8$ " diameter anchors.



Attach (1) frame panel to the rear position in frame assembly with (4) $5/16$ " x 2.25" carriage bolts, washers, and lock nuts. Note the center bolt position will be left open for now. Continue adding rear frame panels if assembling a modular row.

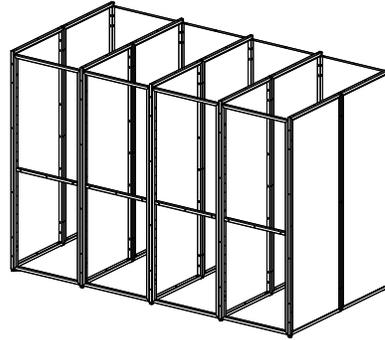
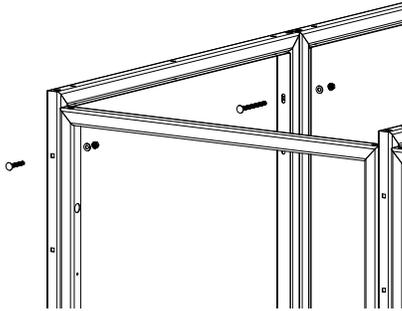
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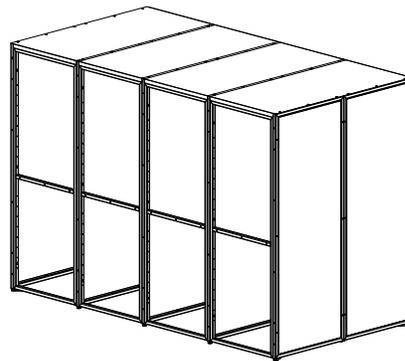
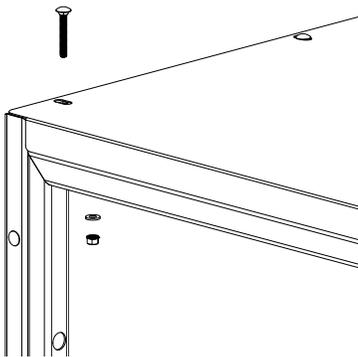
Installation Instructions

5



Attach the frame panels to the side positions in frame assembly with (4) 5/16" x 2.25" and (4) 5/16" x 4" carriage bolts, washers, and lock nuts. Continue adding side frame panels if assembling a modular row. The (3) bolt holes at the bottom of the panels are not used. The (3) bolt holes at the top of the panels will be used later.

6



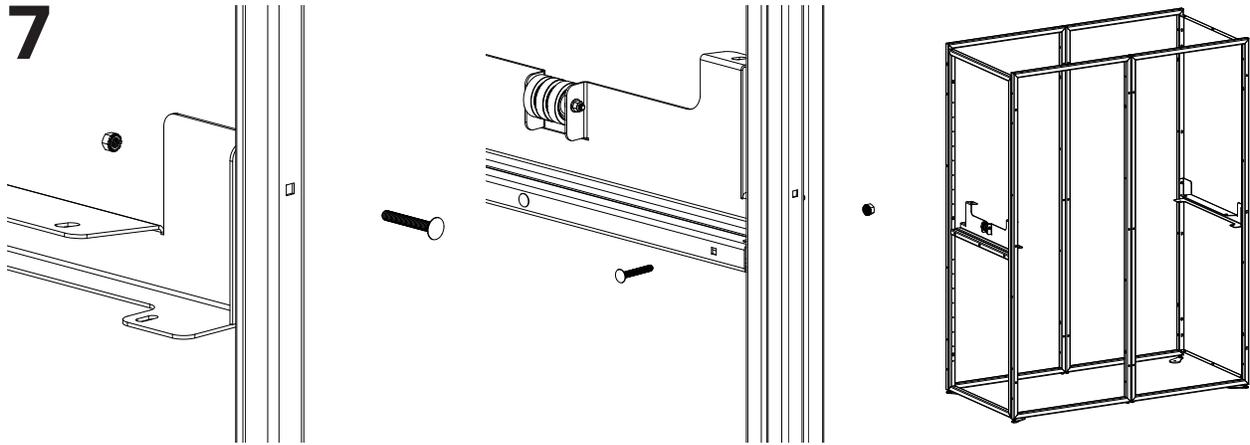
Attach the roof panels with (12) 5/16" x 2.25" carriage bolts, washers, and lock nuts. Continue adding roof panels if assembling a modular row.

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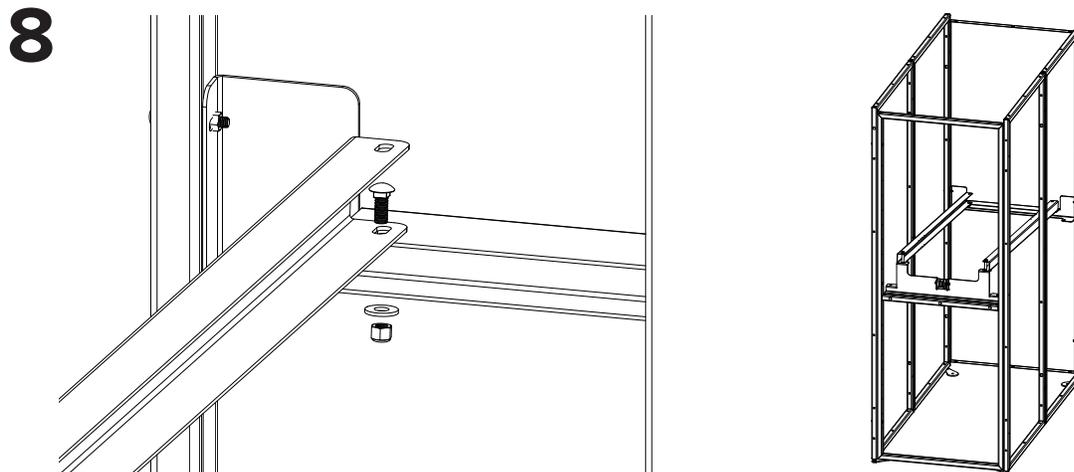
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Installation Instructions



Attach the rear Dero Decker mount with (2) 5/16" x 2.25" carriage bolts and lock nuts and attach the front Dero Decker mount with (3) 5/16" x 2.25" carriage bolts and lock nuts.



Attach the (2) Dero Decker tracks with (1) 3/8" x 1" carriage bolt, washer, and lock nut in the rear. Note the small holes in the tracks should be oriented towards the front of the locker.

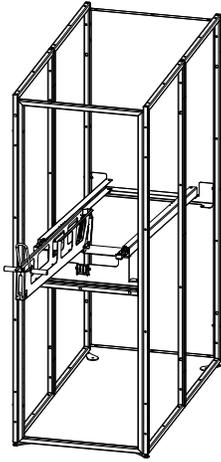
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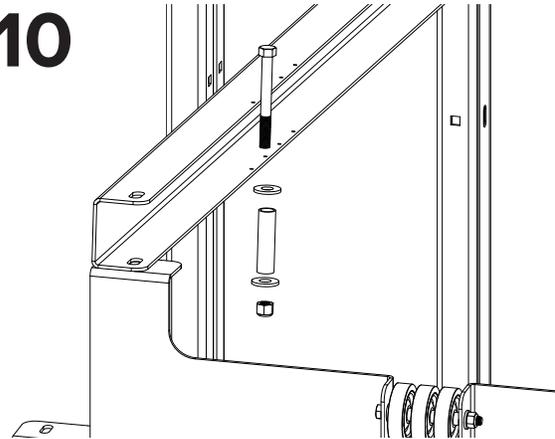
Installation Instructions

9



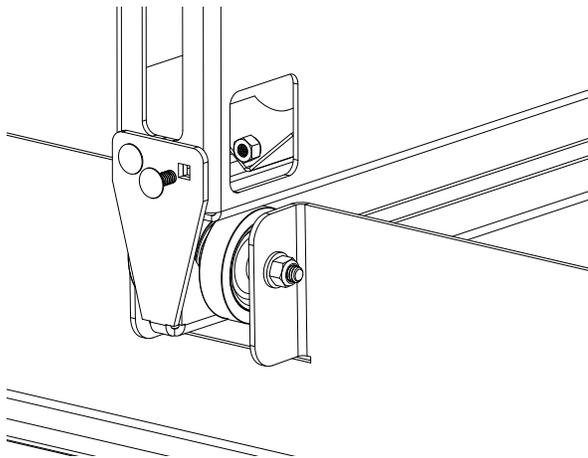
Insert the Dero Decker tray assembly into the tracks.

10



Secure the front of the (2) Dero Decker tracks with (1) 3/8" x 3.5" hex bolt, washers, and lock nut.

11



Feed the wheel guide under the center wheel and attach to the tray with (4) 1/4" x 5/8" carriage bolts and lock nuts.

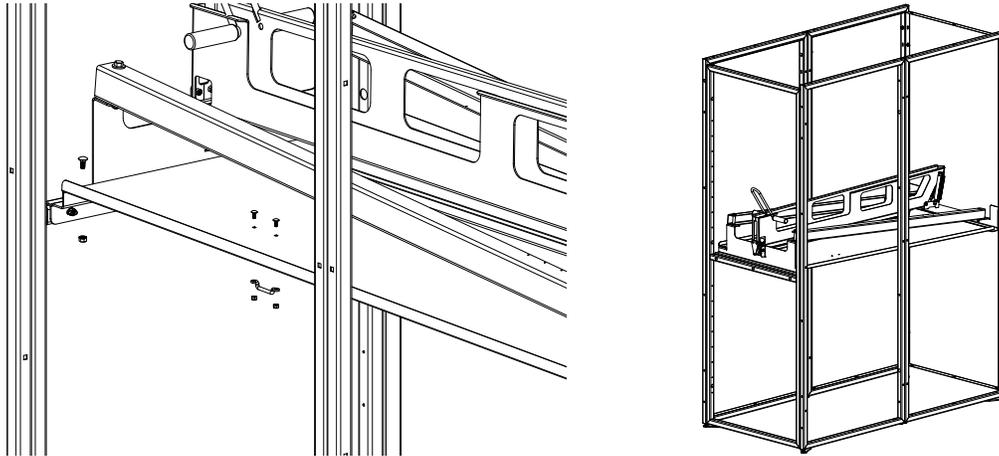
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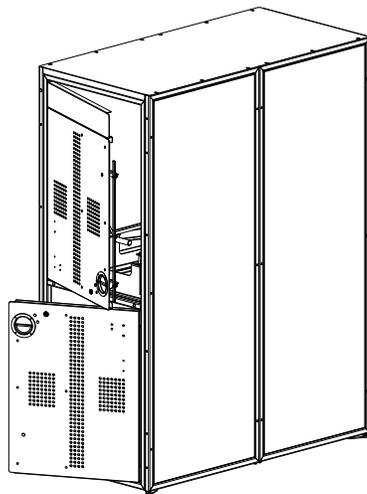
Installation Instructions

12



Attach the drip tray with (4) 5/16" x 3/4" carriage bolts and lock nuts. Note that the small holes in the drip tray are oriented towards the front of the locker. Attach the spring mount with (2) #10 x 1/2" carriage bolts and locknuts.

13



Attach the lower and upper doors with (8) #12 x 3/4" self-drilling screws. Pilot holes are present but may be partially filled with zinc. Note the upper door has an extra top panel.

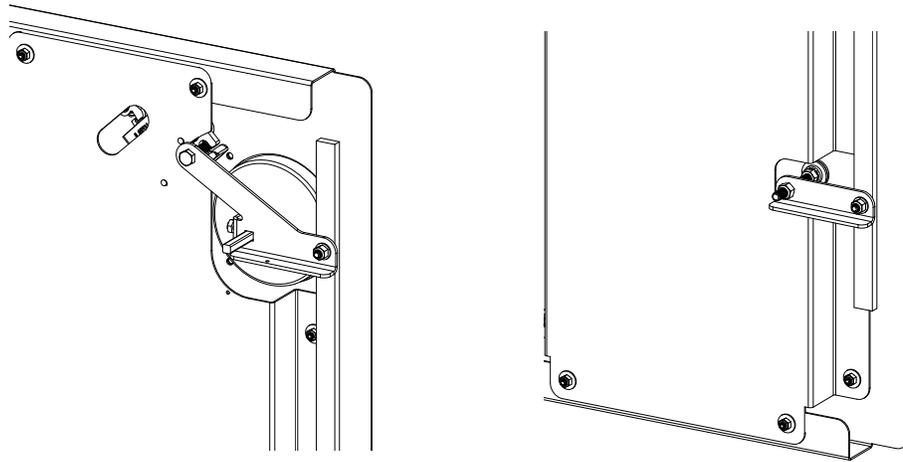
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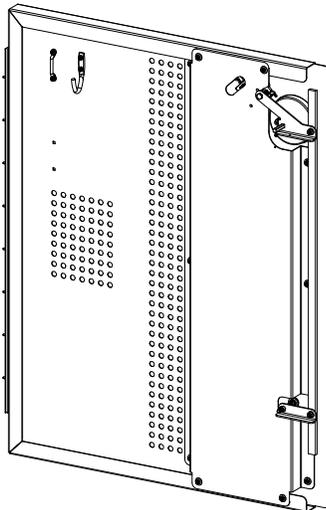
Installation Instructions

14



The gap between the door and latch bar may need to be adjusted to properly engage the door frame. This can be done via the 1/4" bolt that tightens against the handle spindle and the 5/16" nuts at the other pivot point.

15



If any twist needs to be taken out of the door, loosen the (10) #10 locknuts, set the door, and re-tighten.

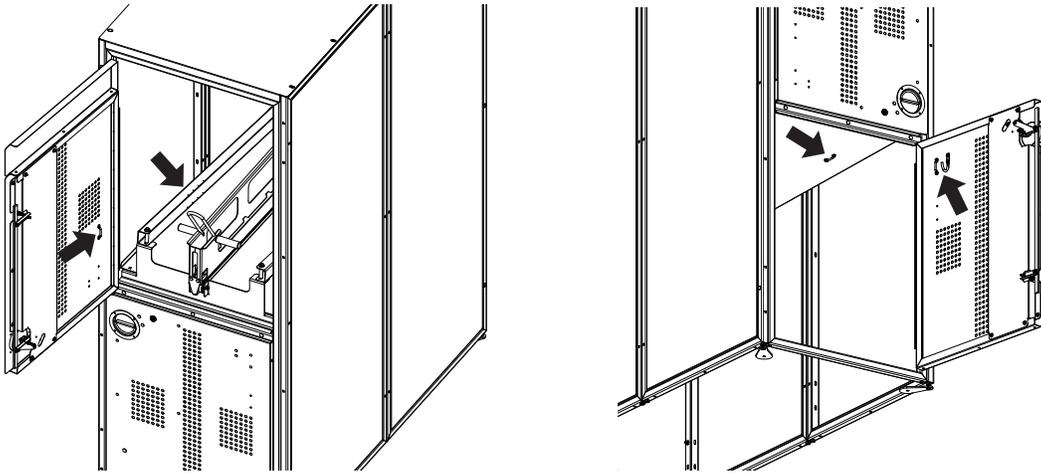
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Installation Instructions

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If door closing springs are needed, attach the springs to the door spring mounts and the Dero Decker track for the upper door, and the spring mount below the drip tray for the lower door.

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