



Veloport™

The graceful lines and modern design makes the Veloport™ stand out while offering the security and durability you need in your long-term bike parking. Each bay of this modular system parks one bicycle on a lockable tray that helps guide the bike into the port.

Patents
D803,762 S1
9,920,547 B1

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Veloport™

- Modular system
- U-lock/padlock handle
- Key lock option available
- Lift-assist door
- All-metal construction
- Ventilation holes for temperature control and visibility
- Number plates included in cost
- Wider fat bike trays available - contact us for this option





FINISH OPTIONS

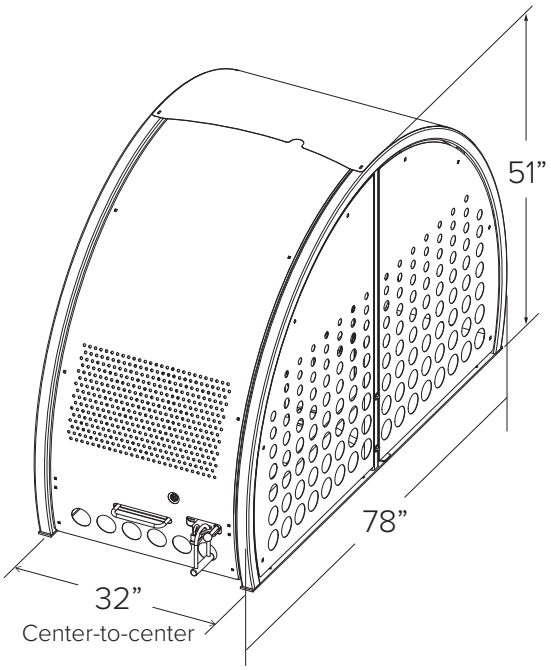
Powder Coat

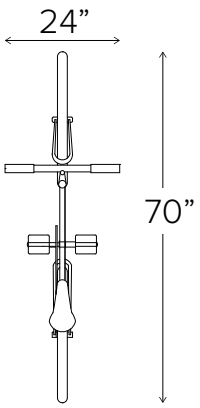
White	Black	Light Gray RAL 7042	Deep Red RAL 3003
Orange RAL 2004	Beige RAL 1001	Iron Gray RAL 7011	Hunter Green RAL 6005
Light Green RAL 6018	Green RAL 6016	Blue RAL 5005	Sky Blue RAL 5015
Sepia Brown RAL 8014	Dark Purple	Wine Red RAL 3005	Bronze

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DERO A PLAYCORE Company | **Veloport™**

Submittal Sheet



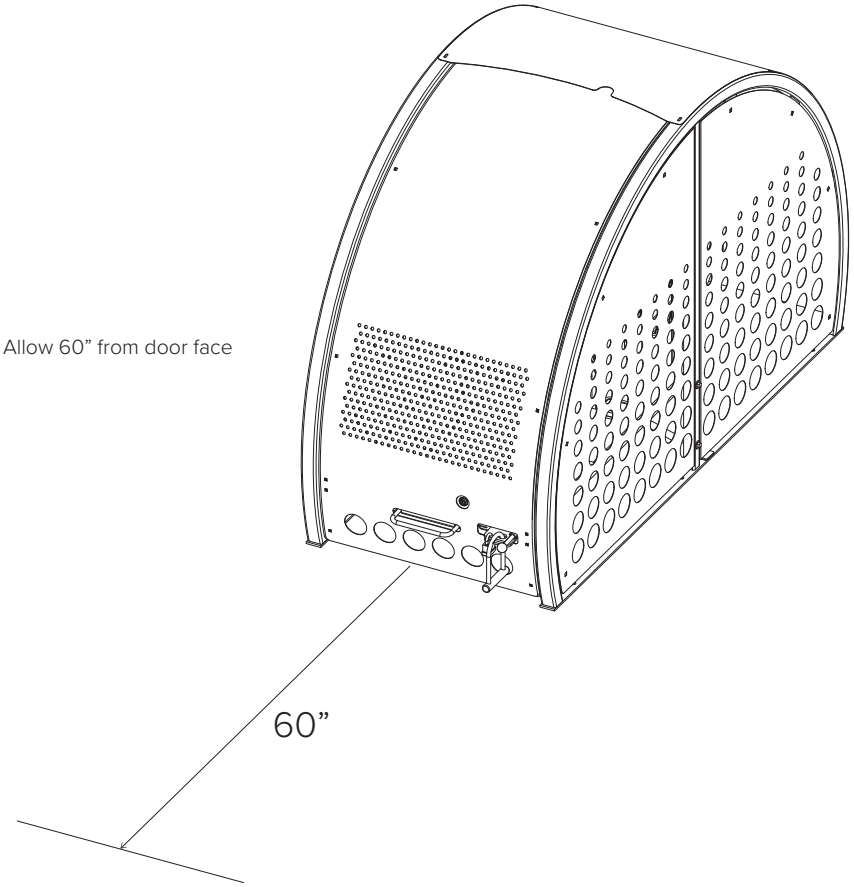


Maximum bike size

CAPACITY	1 bike
MATERIALS	**Frame:** 2” x 14g square tube **Back and side panels:** 18g plate **Door:** 12g aluminum plate
FINISHES	**Galvanized (Frame)** An after fabrication hot dipped galvanized finish is our standard option. **Powder Coat (Panels and Door)** 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
MOUNT OPTIONS	**Surface only**
INTERIOR WALLS	☐ **Add Interior Walls** If installing Veloports in a row, the interior separating walls between stalls is optional.
LOAD DATA	**Snow load:** Any amount **Wind load:** 170mph, Exposure C **Seismic load:** Any load

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Setbacks



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TOOLS NEEDED

Tape Measure
Marker or Pencil
Masonry Drill Bit 3/8”
Hammer Drill
Hammer
Level
Drill
Washers (for leveling if necessary)
3/16” Allen Wrench
Pin-In-Torx Tool (Provided) Socket Wrenches and Wrench:
9/16”, 1/2”, 7/16”, 1/4” drive socket wrench and 1/2” socket or ratcheting wrench

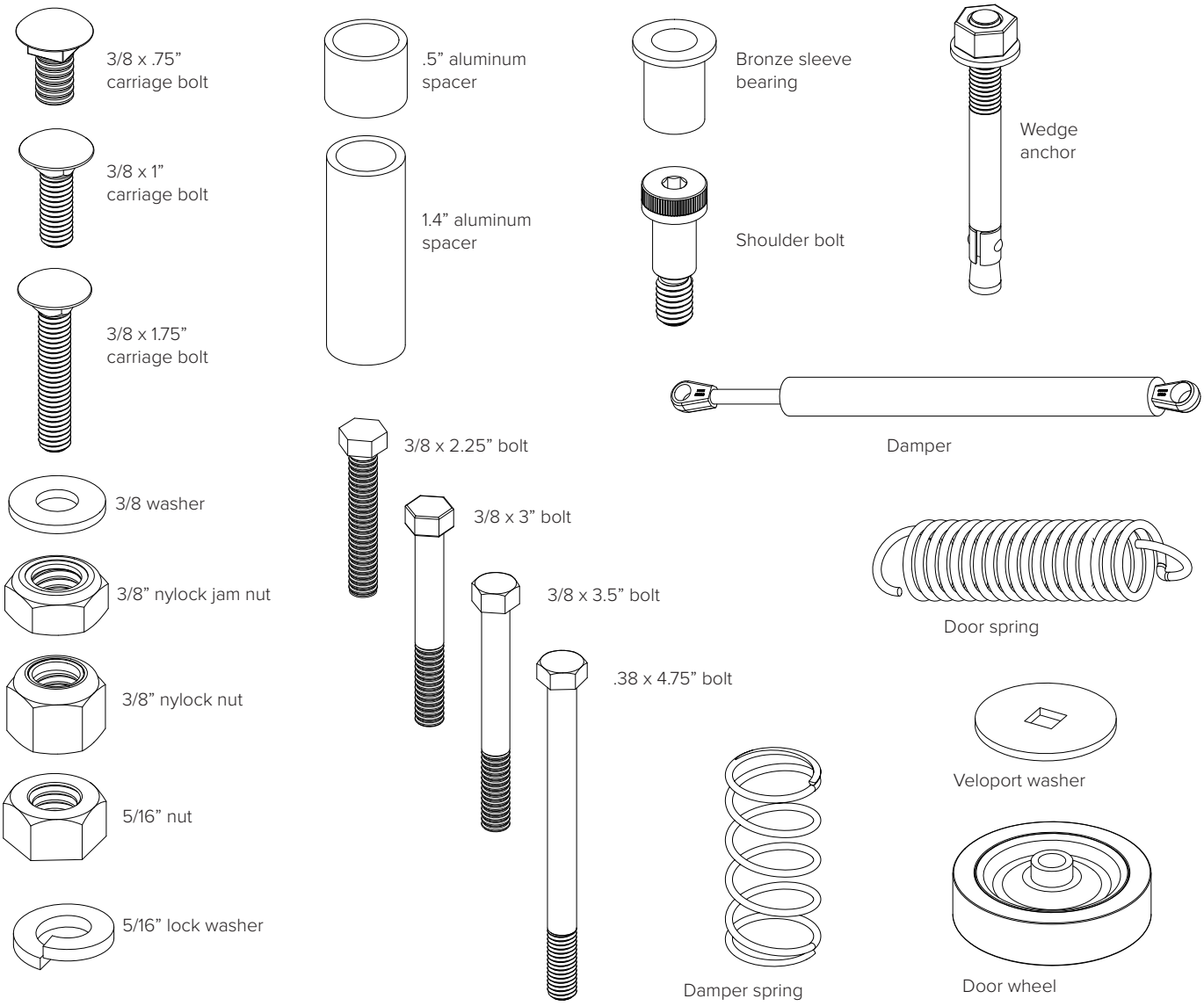
RECOMMENDED BASE MATERIAL

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

The install surface needs to be level or near level.

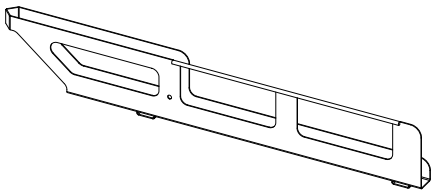
Dero recommends a maximum of 4 Veloports in each grouping.

HARDWARE LIST

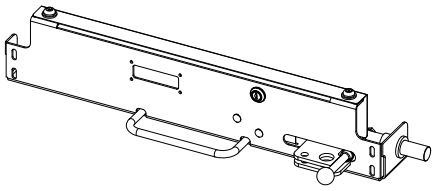


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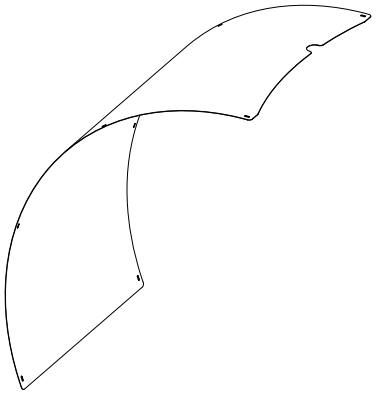
COMPONENT LIST



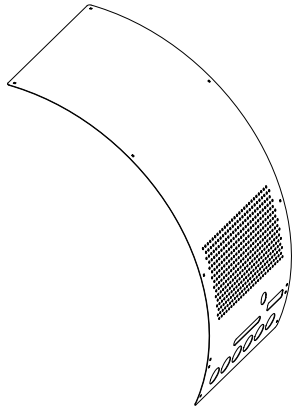
Bike tray



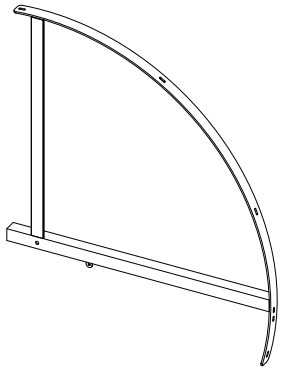
Door handle assembly



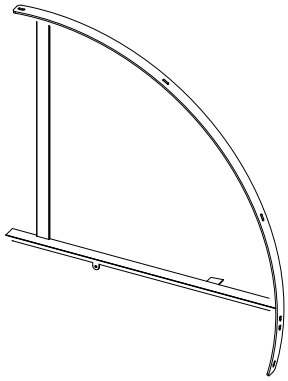
Frame panel



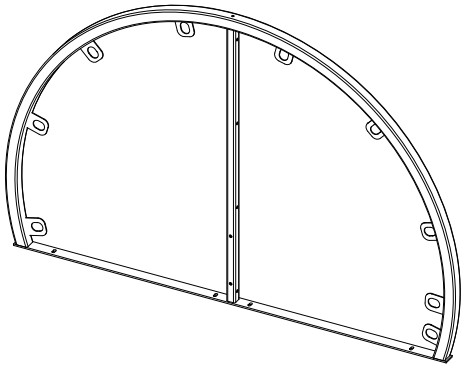
Door panel



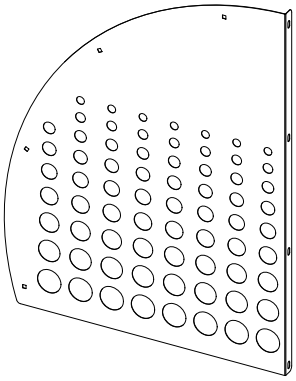
Door left frame



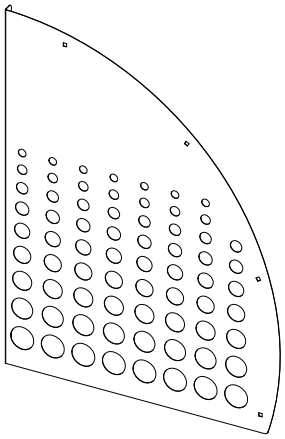
Door right frame



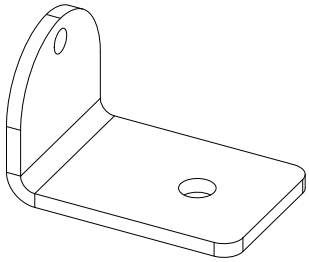
Frame



Side panel left



Side panel right

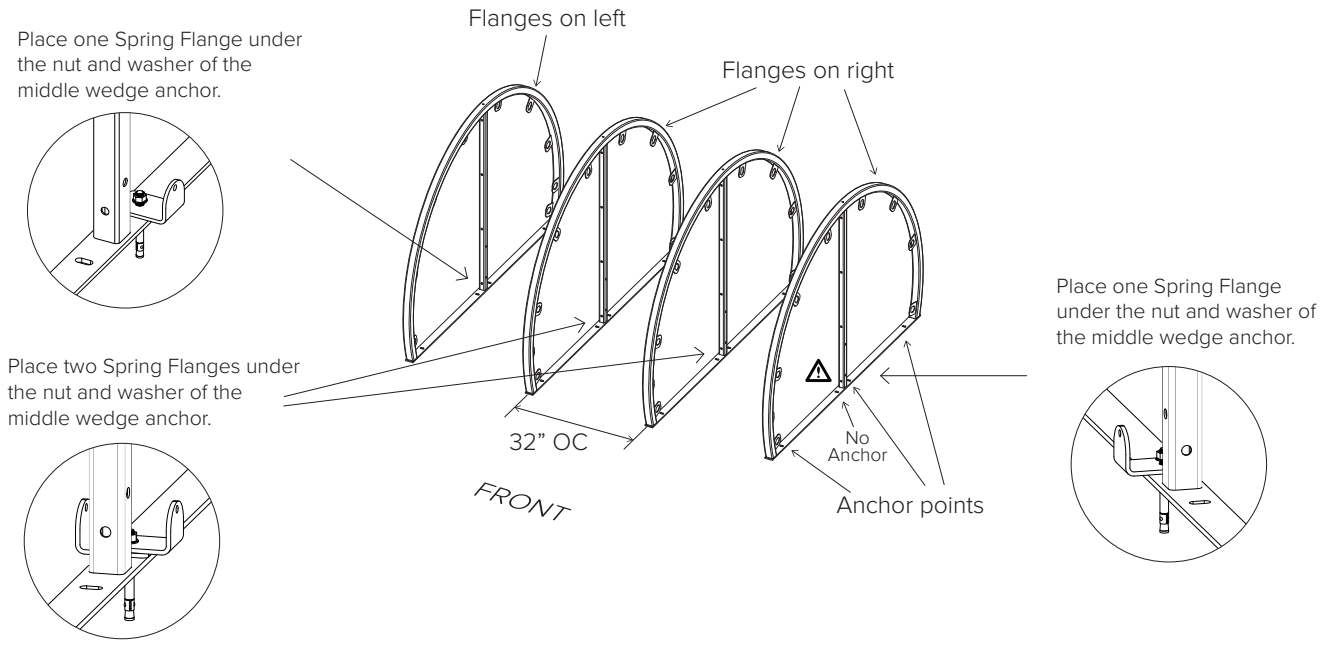


Spring flange

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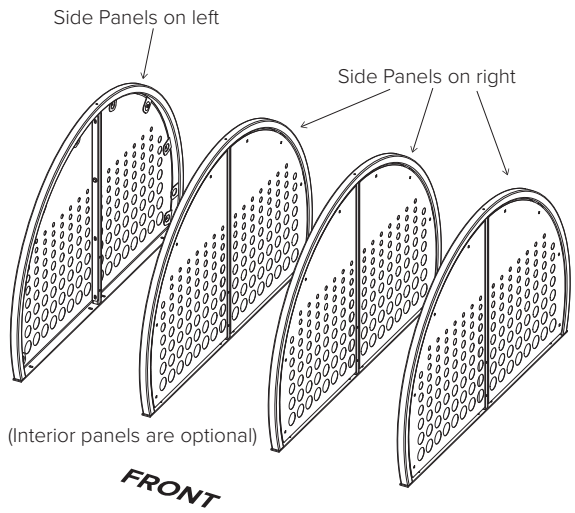
1

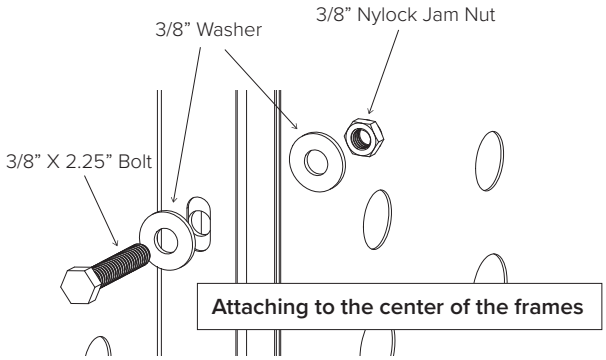
Place the frames 32” on-center with the initial frame oriented as shown. Repeat pattern as necessary. Anchor the frames at the noted anchor points. Leave at least 1” of anchor thread exposed above the frame base plate. Confirm that the front and back of the frames are 32” on-center and that the center posts are in-line and parallel. It may be necessary to use shimming washers under the frame base plate for leveling. Leave anchors finger-tight.



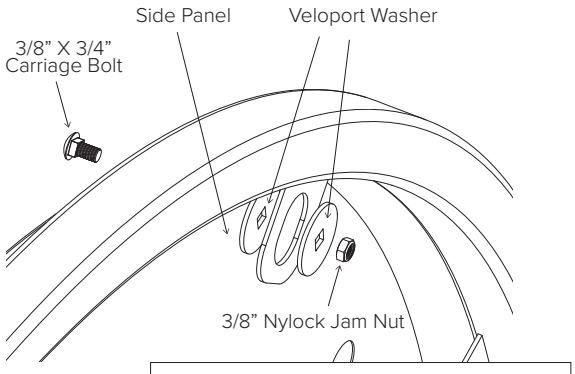
2

Attach side panels oriented as shown.





Attaching to the center of the frames

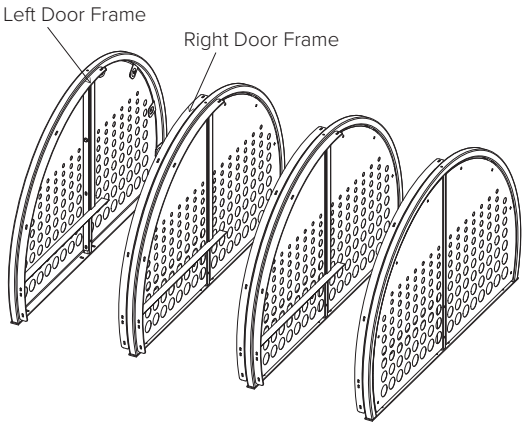


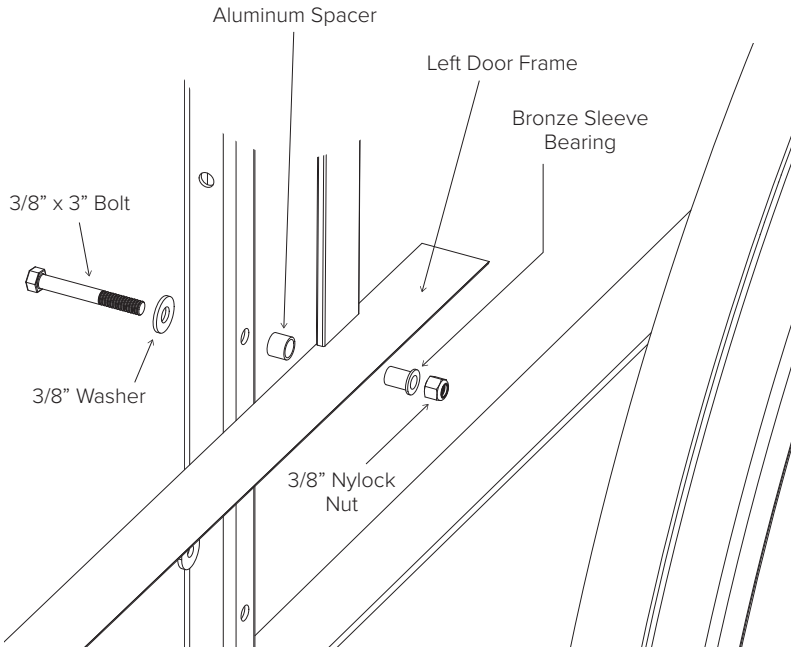
Attaching to the flanges of the frames

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3

Attach initial left door frame.

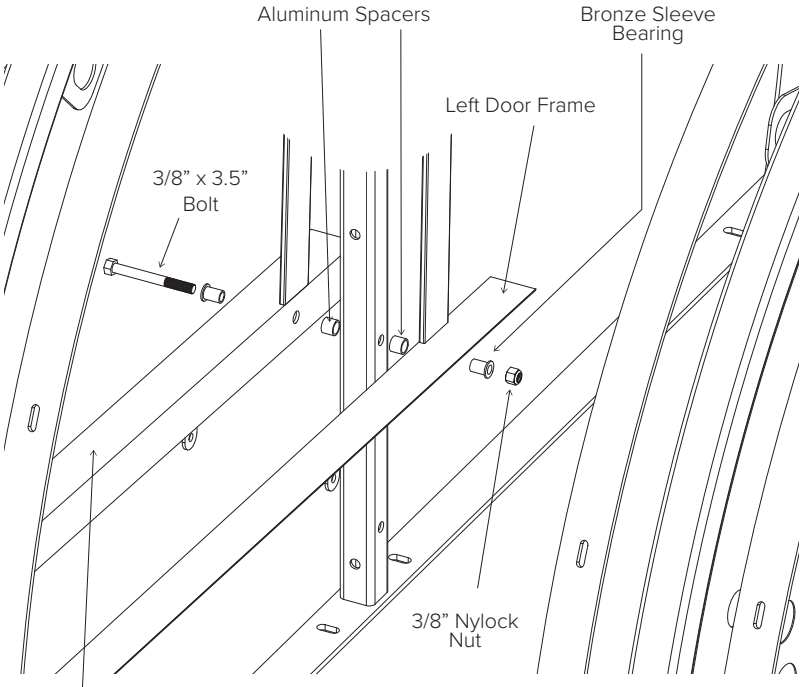




(Side Panels omitted for clarity)

4

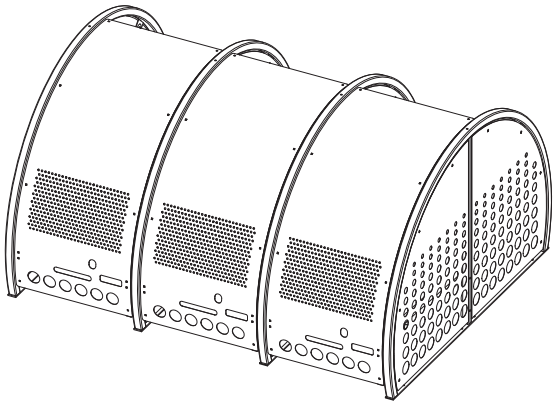
Attach right and left door frames. Attach last right door frame similarly to step 3.

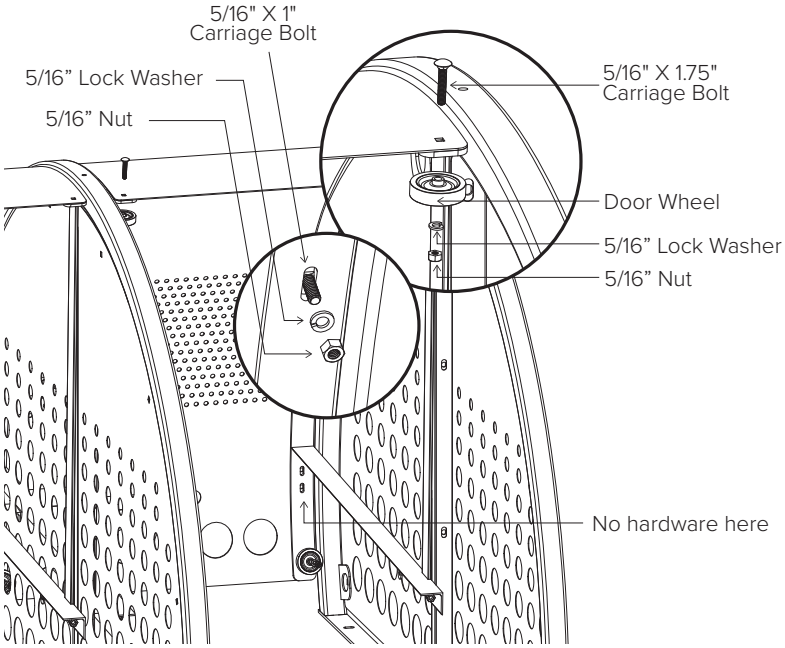


(Side Panels omitted for clarity)

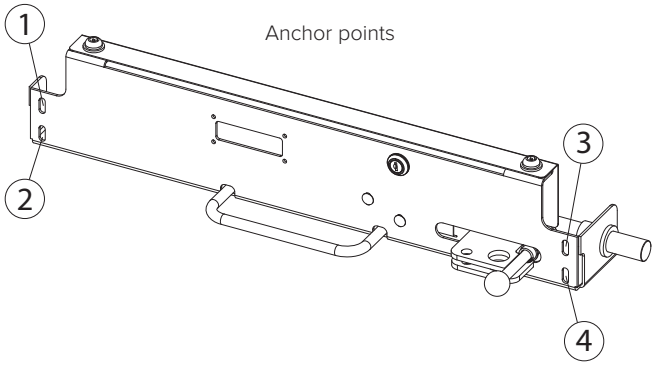
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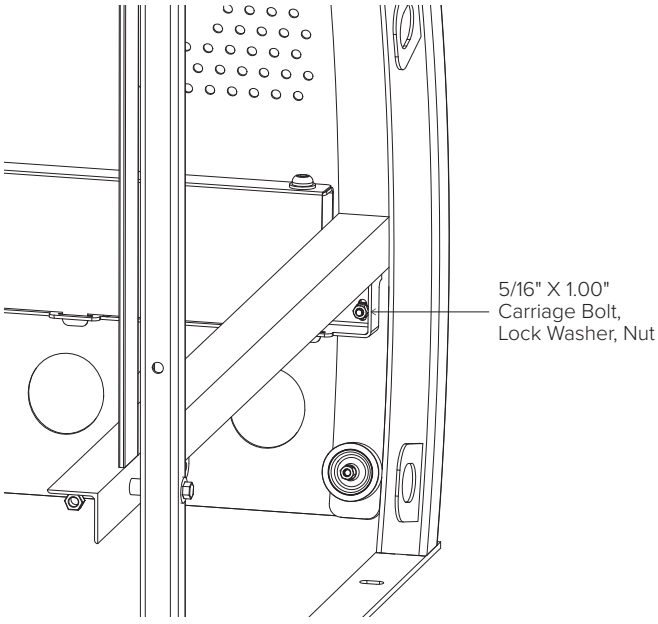
5 Attach door panels to the door frames. The (4) corners of the door panel are attached with a 5/16” x 1.75” carriage bolt and also receive a door wheel. The rest of the carriage bolts are 5/16” x 1”. Confirm that the door assembly is aligned before tightening bolts.





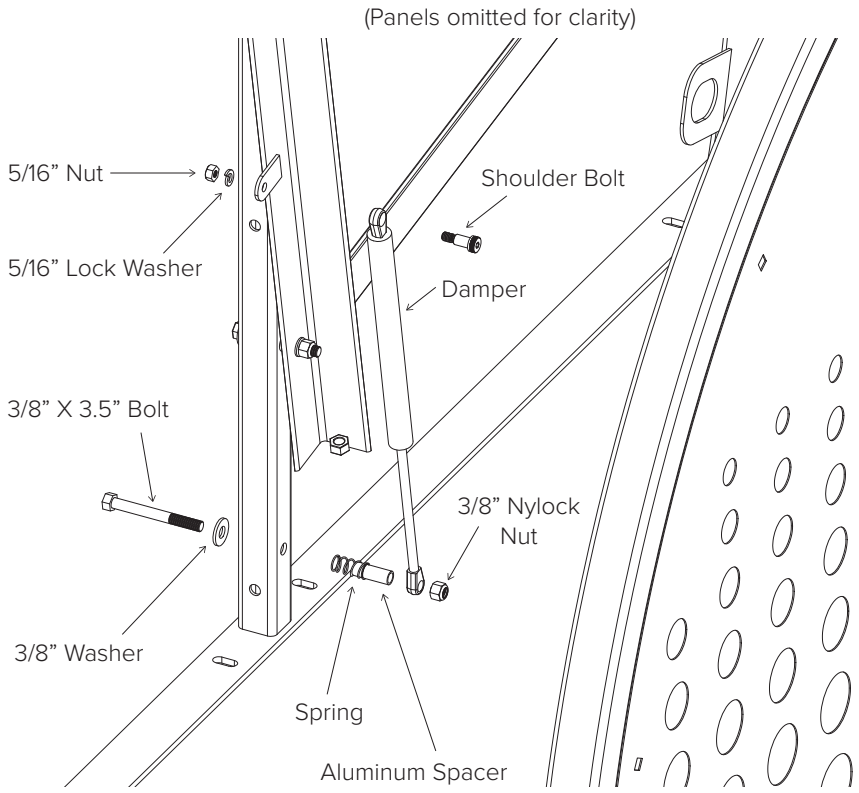
6 Attach the handle assembly to the door. Some vertical adjustment is available to align the lock bar with the strike. A small 1/4” drive socket wrench or ratcheting wrench works best.



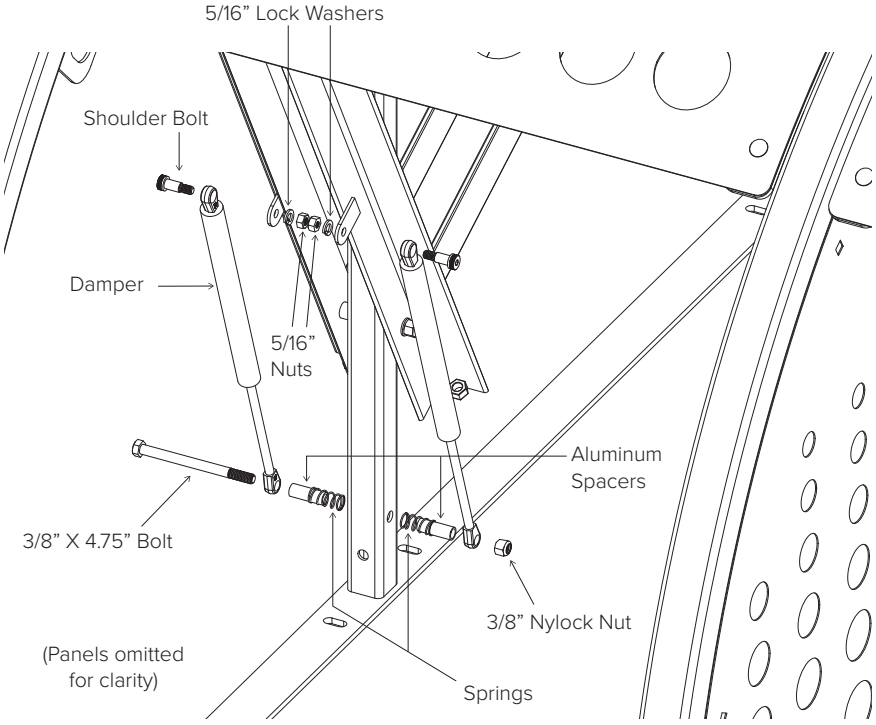


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7 Attach the initial left door damper.

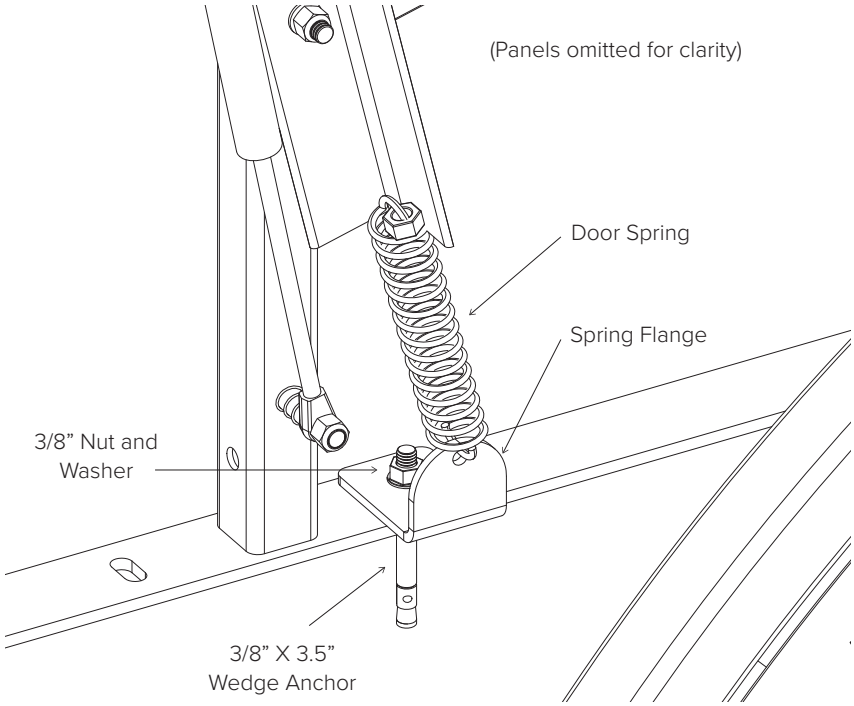


8 Attach right and left door dampers. Attach last right door damper similarly to step 7.

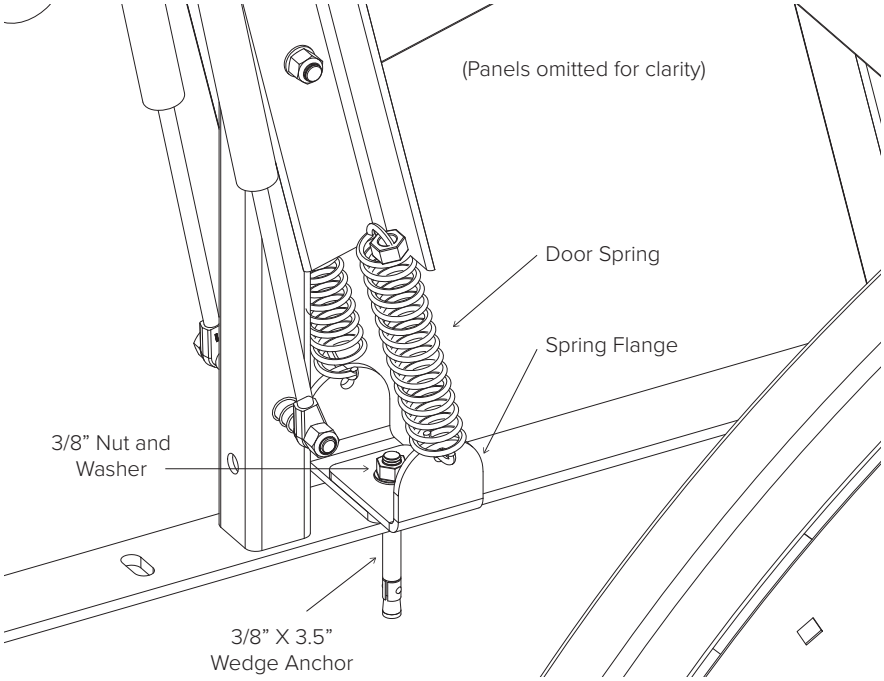


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9 Attach the spring through the flange hole and the nut welded to the door frame.



10 Attach the right and left springs to the flange holes and the nuts welded to the door frames. Attach the last right spring to the flange hole and the nut welded to the door frame.

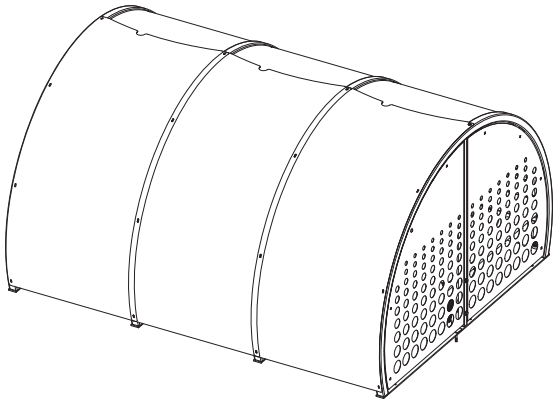


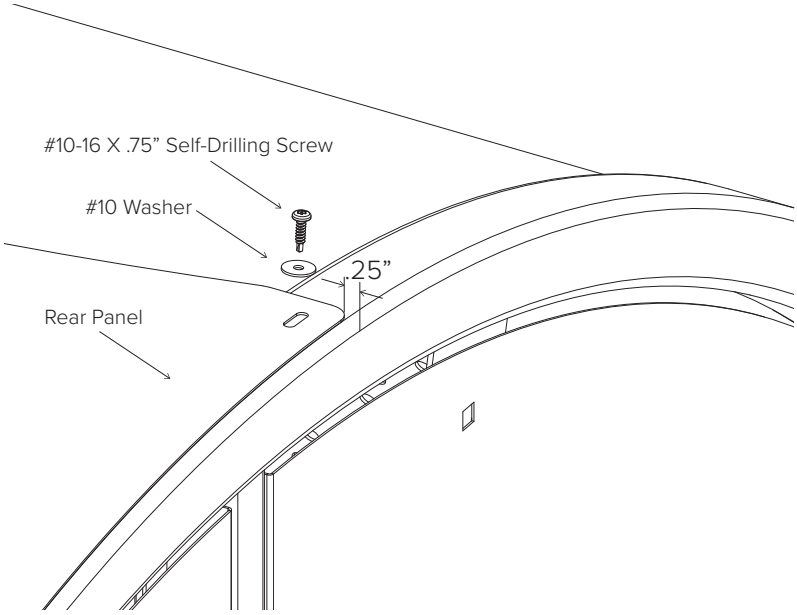
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11

After confirming that the doors open and close smoothly, and that the top of the frames are at 32” on-center, attach the rear panels.

Attach the rest of the rear panels with the subsequent panels overlapping the previous.



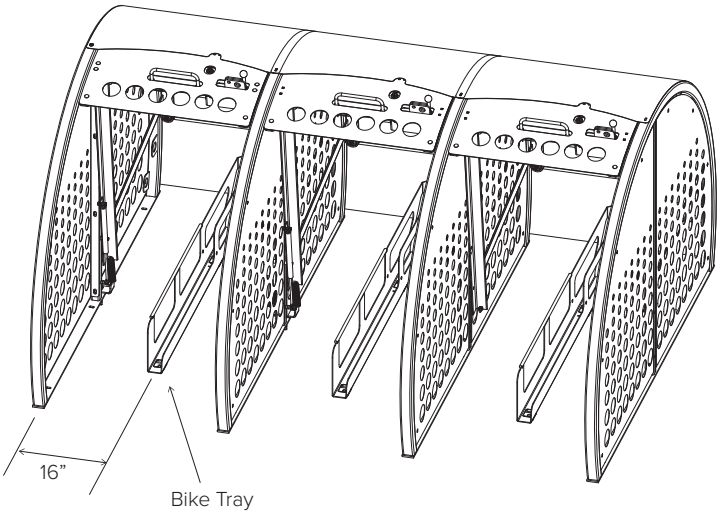


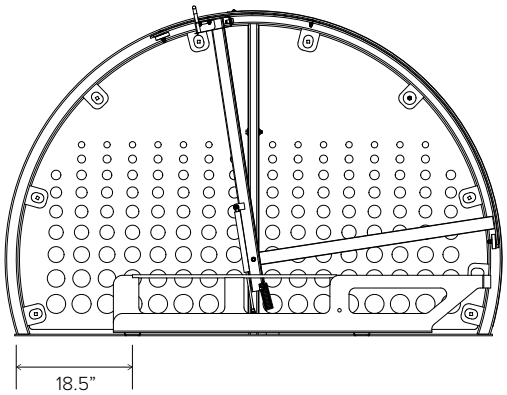
12

Tighten all frame base anchors. Confirm all doors still open and close smoothly and that lock bars engage the lock strike.

13

Anchor the bike tray to the ground centered between frames (16” on center between frames and bike trays).





Front edge of frame to bike tray anchor

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