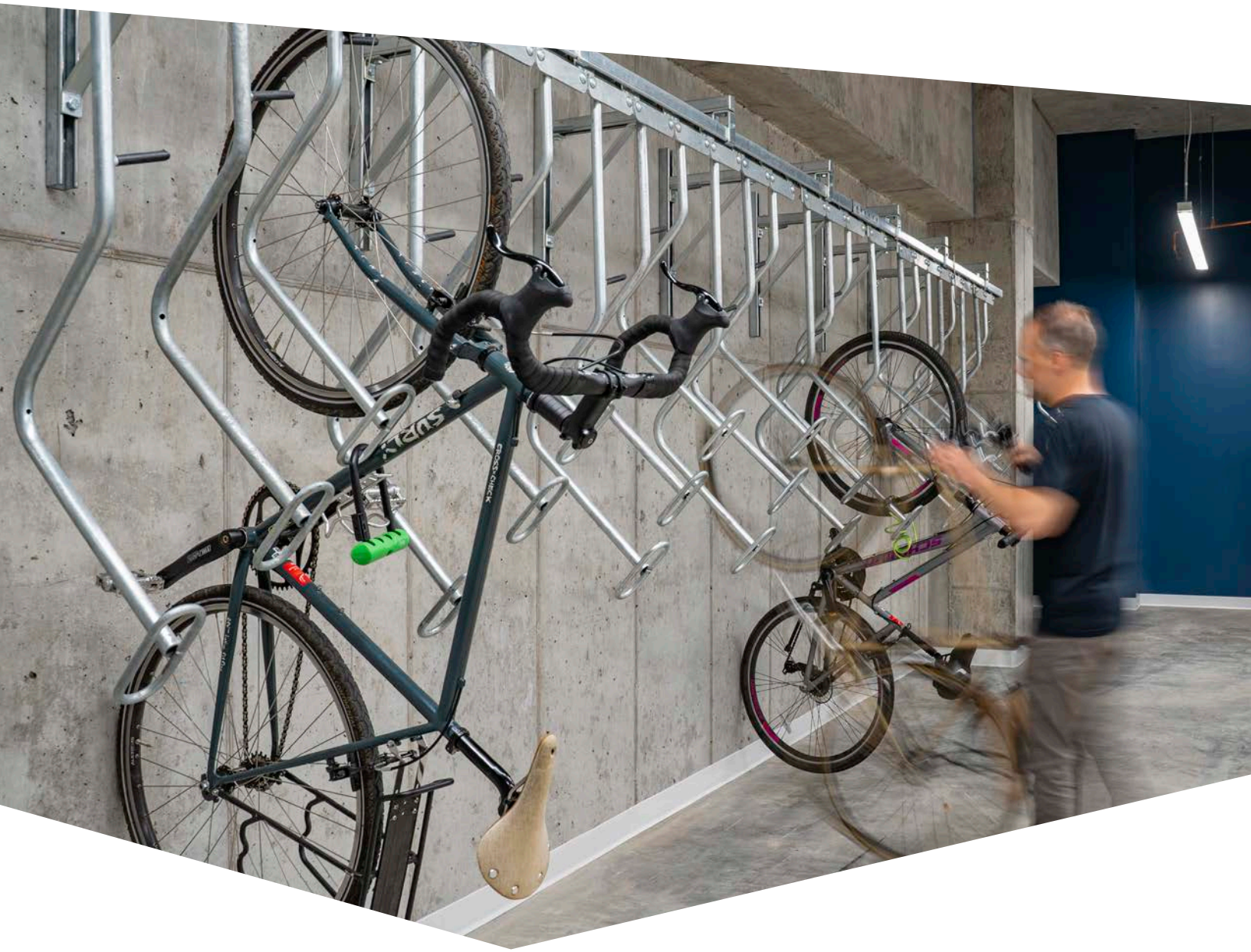
DERO
A PLAYCORE Company





Bike **File**

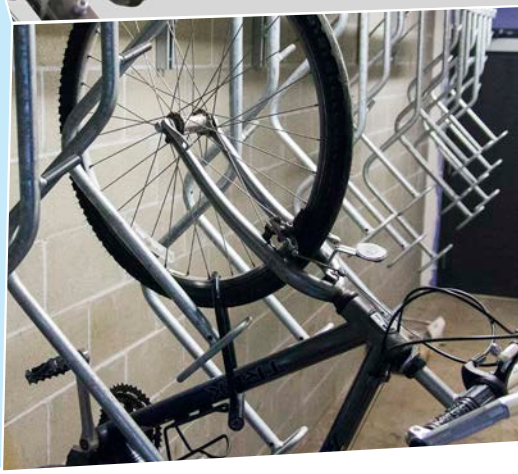
The Bike File is our most space efficient, u-lock compatible product. Sturdy sliding hangers allow nine bikes to be securely stored in an eight-foot section while allowing for easy loading and unloading of bikes.

©2026

Bike **File**







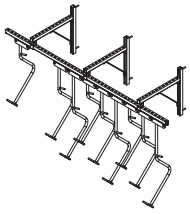
FINISH OPTIONS

Galvanized

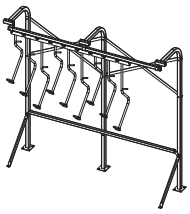


MOUNT OPTIONS

Wall



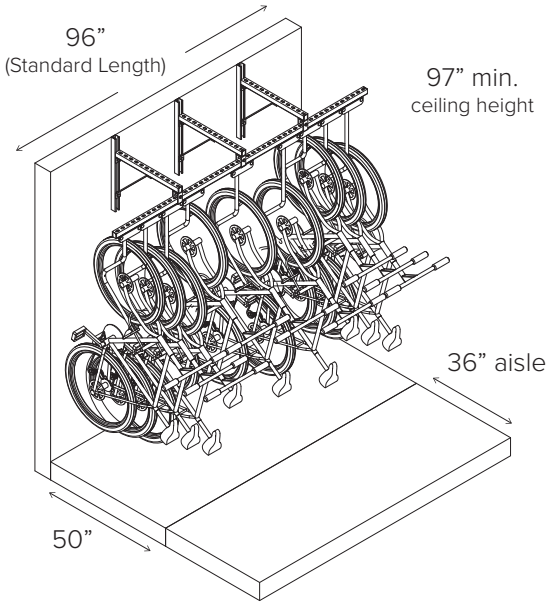
Floor

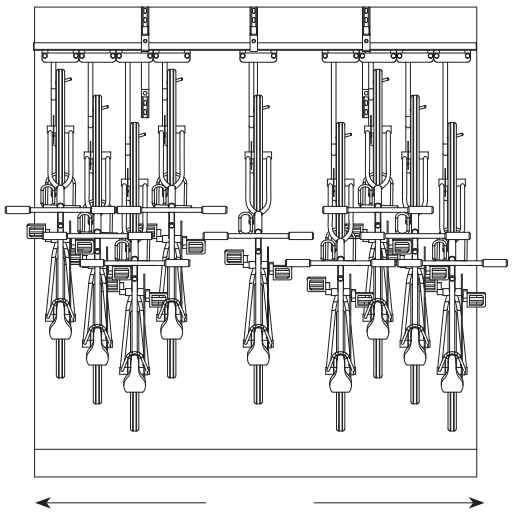


©2026

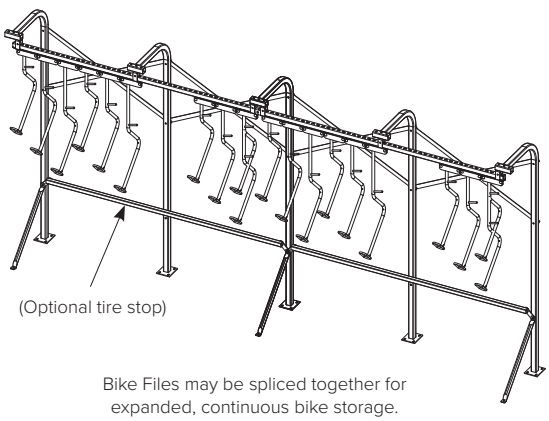
DERO A PLAYCORE Company | Bike **File**

Submittal Sheet





Trolleys allow you to push neighboring bikes apart when hanging or removing a bike



Bike Files may be spliced together for expanded, continuous bike storage.

CAPACITY 9 bikes per 8 foot unit

MATERIALS
Trolley Track: 12 gauge galvanized steel
Trolley Assembly: Stainless steel
Arms: 1” 16g

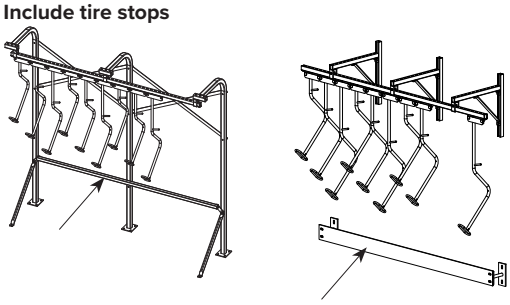
MOUNT OPTIONS

☐ **Wall**
Track is mounted to wall mounted brackets.

☐ **Floor**
Track is suspended from floor mounted braces.

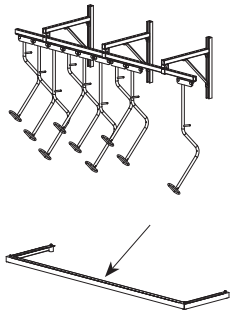
TIRE STOPS

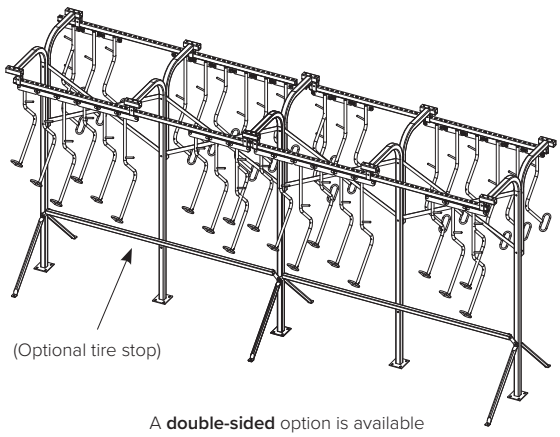
☐ **Include tire stops**



CANE STOPS

☐ **Include cane stops**
Optional cane-detectable stops are available for both floor and wall mounted racks for an additional cost

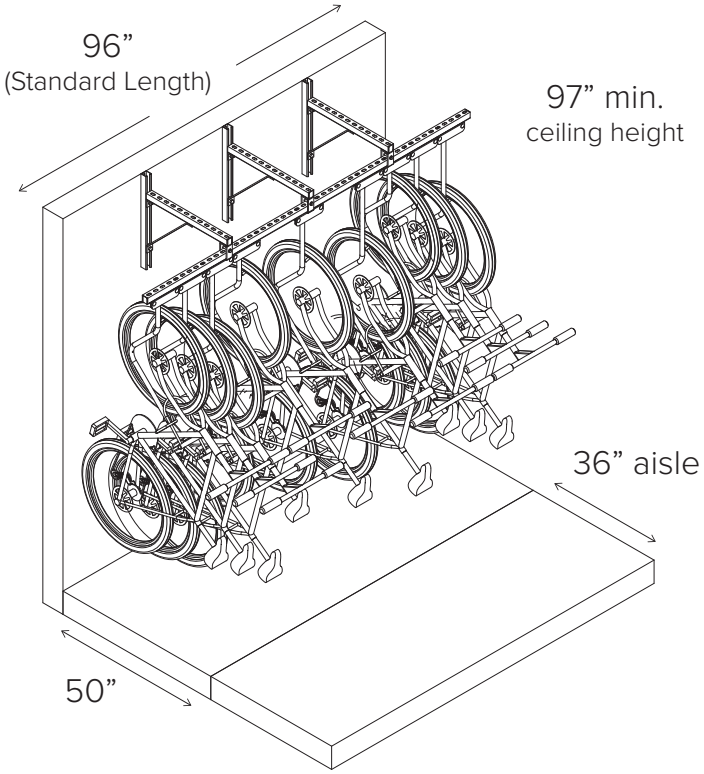




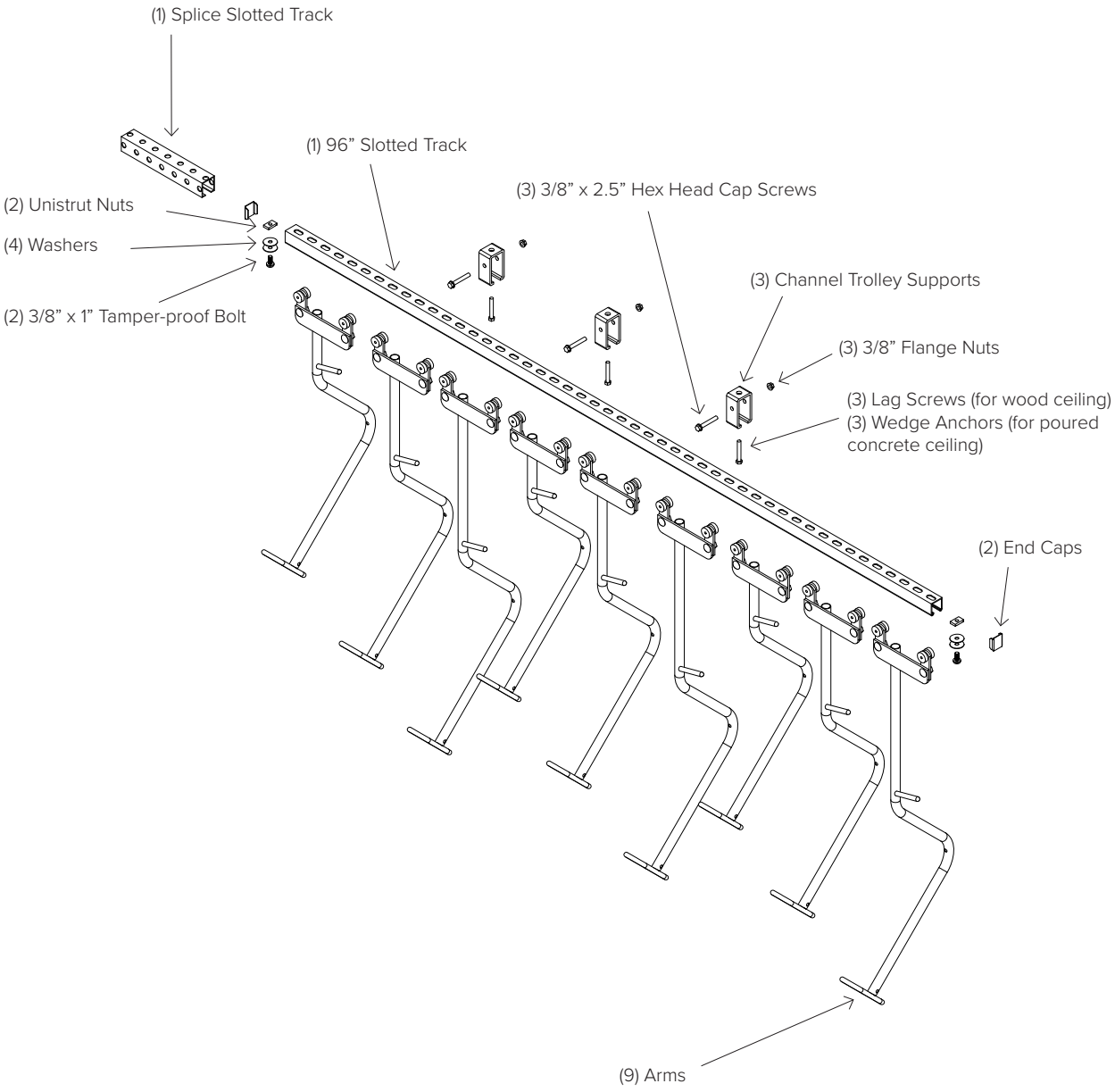
A **double-sided** option is available

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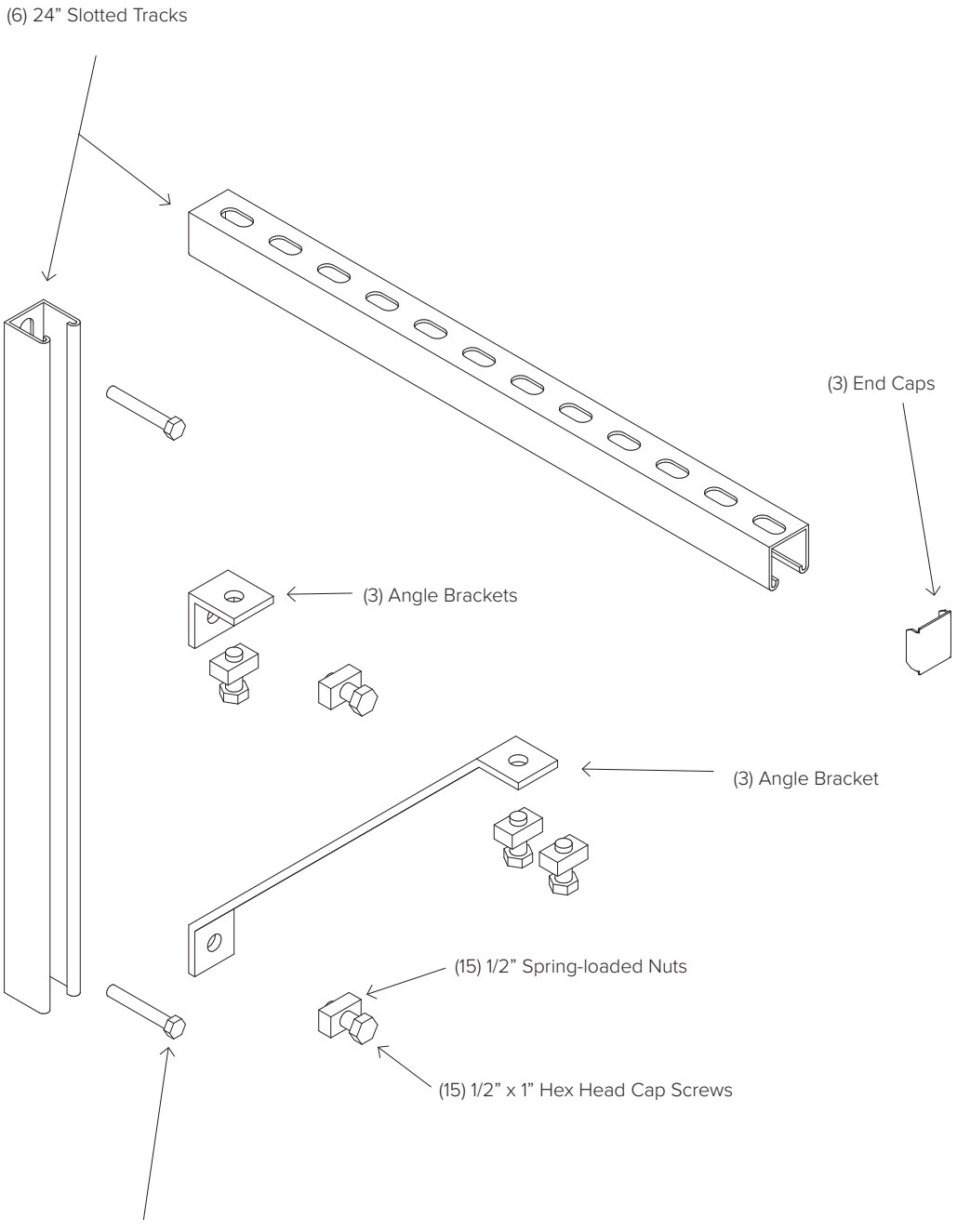
Bike Files may be lined up end to end to fill the available space. A 36” aisle should be left between the ends of bikes in racks facing one another.



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(1) Splice Slotted Track
(1) 96” Slotted Track
(3) 3/8” x 2.5” Hex Head Cap Screws
(2) Unistrut Nuts
(4) Washers
(2) 3/8” x 1” Tamper-proof Bolt
(3) Channel Trolley Supports
(3) 3/8” Flange Nuts
(3) Lag Screws (for wood ceiling)
(3) Wedge Anchors (for poured concrete ceiling)
(2) End Caps
(9) Arms

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(6) 24” Slotted Tracks
(3) End Caps
(3) Angle Brackets
(3) Angle Bracket
(15) 1/2” Spring-loaded Nuts
(15) 1/2” x 1” Hex Head Cap Screws
(6) Lag Screws (for wood stud walls)
(6) Sleeve Anchors(for concrete block walls)
(6) Wedge Anchors (for poured concrete walls)

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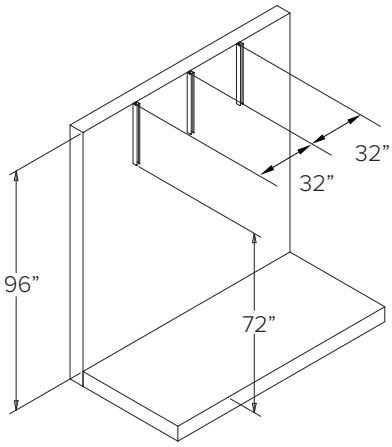
TOOLS NEEDED

9/16” Wrench/Socket
3/4” Wrench/Socket
1/4” Drill Bit or 3/8” Masonry Drill Bit
(depending on anchor type)
Tape Measure
Drill (Hammer Drill Recommended)
Hammer
Level
Saw for cutting track

BEFORE INSTALLING!

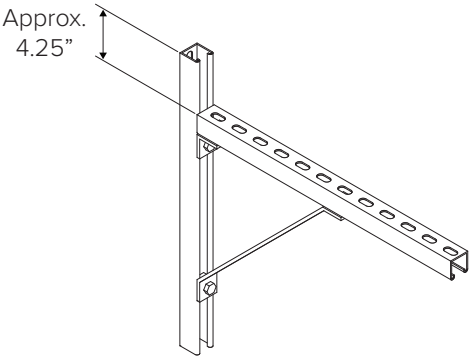
It is the customer’s responsibility to ensure the wall where the rack is being installed is structurally strong enough to accommodate the rack fully loaded with bikes, which may require consulting with the building architect/engineer. Compare parts shipped with rack to parts list. Call Dero if any parts are missing.

1



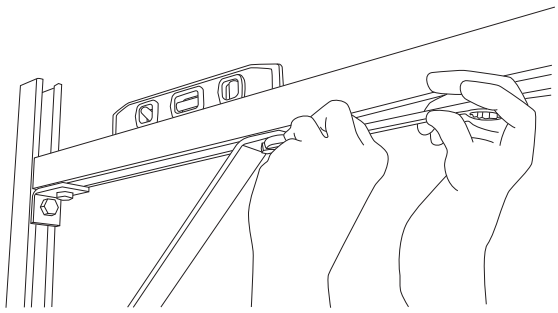
Mount 24” Slotted Tracks vertically to the wall with the appropriate anchors. Use a level for greatest accuracy. The bottom edge of the Slotted Track should be approximately 72” off the floor. The Slotted Tracks should be 32” apart from each other, and the end Slotted Tracks should be 18” from the eventual position of the end of the Trolley track.

2



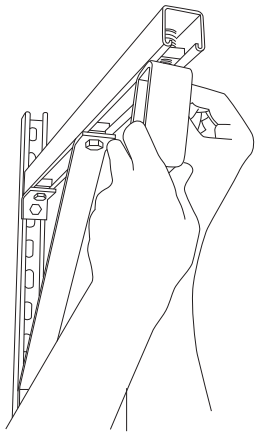
Mount the remaining 24” Slotted Tracks horizontally and protruding from the wall so that the slotted surface of the Slotted Track is 4.25” below the top edge of the vertical 24” Slotted Track. Use the Knee Braces, Angle Brackets, and the Spring-loaded Nuts and Hex Head Cap Screws to secure the horizontal Slotted Track in place.

3



Make sure the horizontal Slotted Track is level. Adjust if necessary.

4



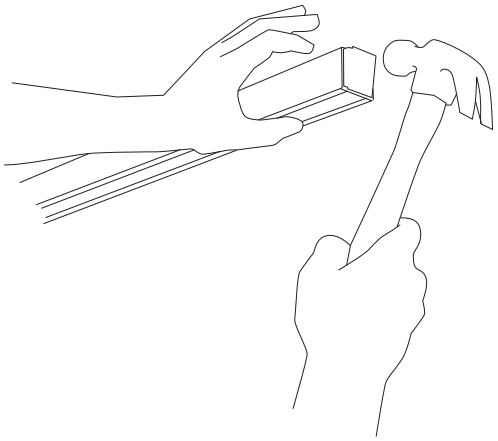
Attach the Bike File to the Wall Mount assemblies by securing the Channel Trolley Supports to the horizontal 24” Slotted Track with the remaining Spring-loaded Nut and Hex Head Cap Screw. The edge of the Slotted Track Mounting Bracket should be flush with the edge of the 24” Slotted Track.

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TOOLS NEEDED

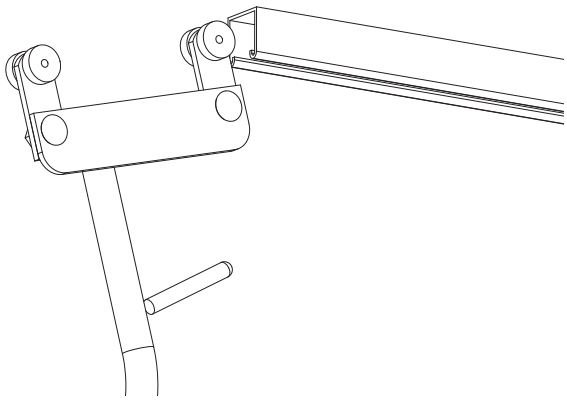
9/16” Wrench/Socket
3/4” Wrench/Socket
1/4” Drill Bit or 3/8” Masonry Drill Bit (depending on anchor type)
Tape Measure
Drill (Hammer Drill Recommended)
Hammer
Level
Saw for cutting track

1



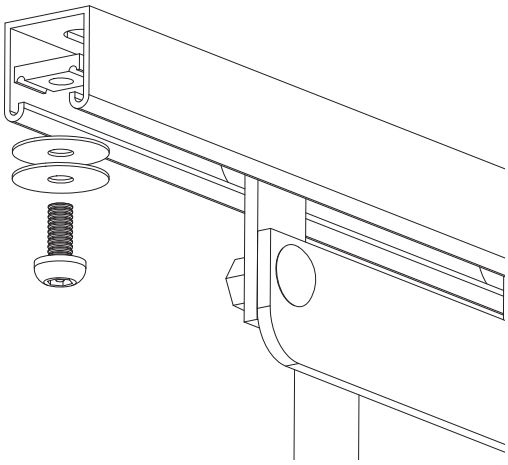
Insert a 1/2” Carriage Bolt into the last slot and fasten (3) Washers and a Tamperproof Nut. Finish by hammering in an End Cap.

2



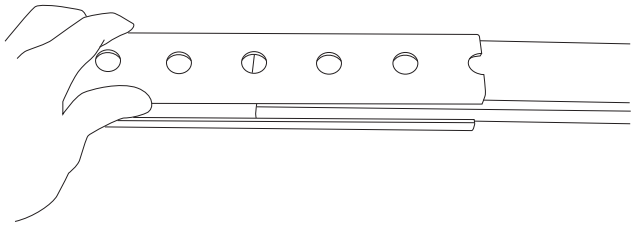
Insert the Trolleys into the open end of the 96” Slotted Track.

3



If no more Bike Files are going to be spliced together, insert a 3/8” Unistrut nut into the end of the channel and affix with (2) large washers and tamper-proof bolt. Finish by hammering in an End Cap.

4

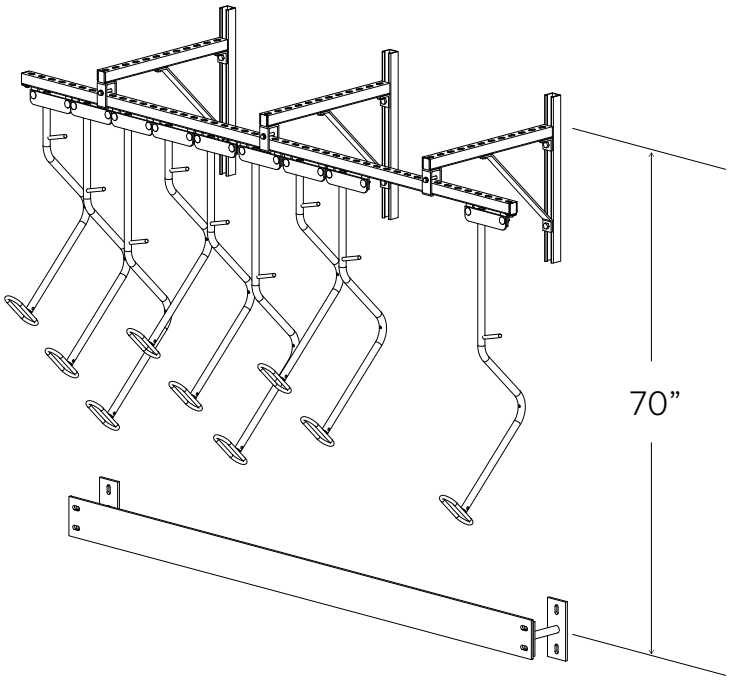


If splicing an additional length of track, slide the Splice Slotted Track over the last 6” of the 96” Slotted Track.

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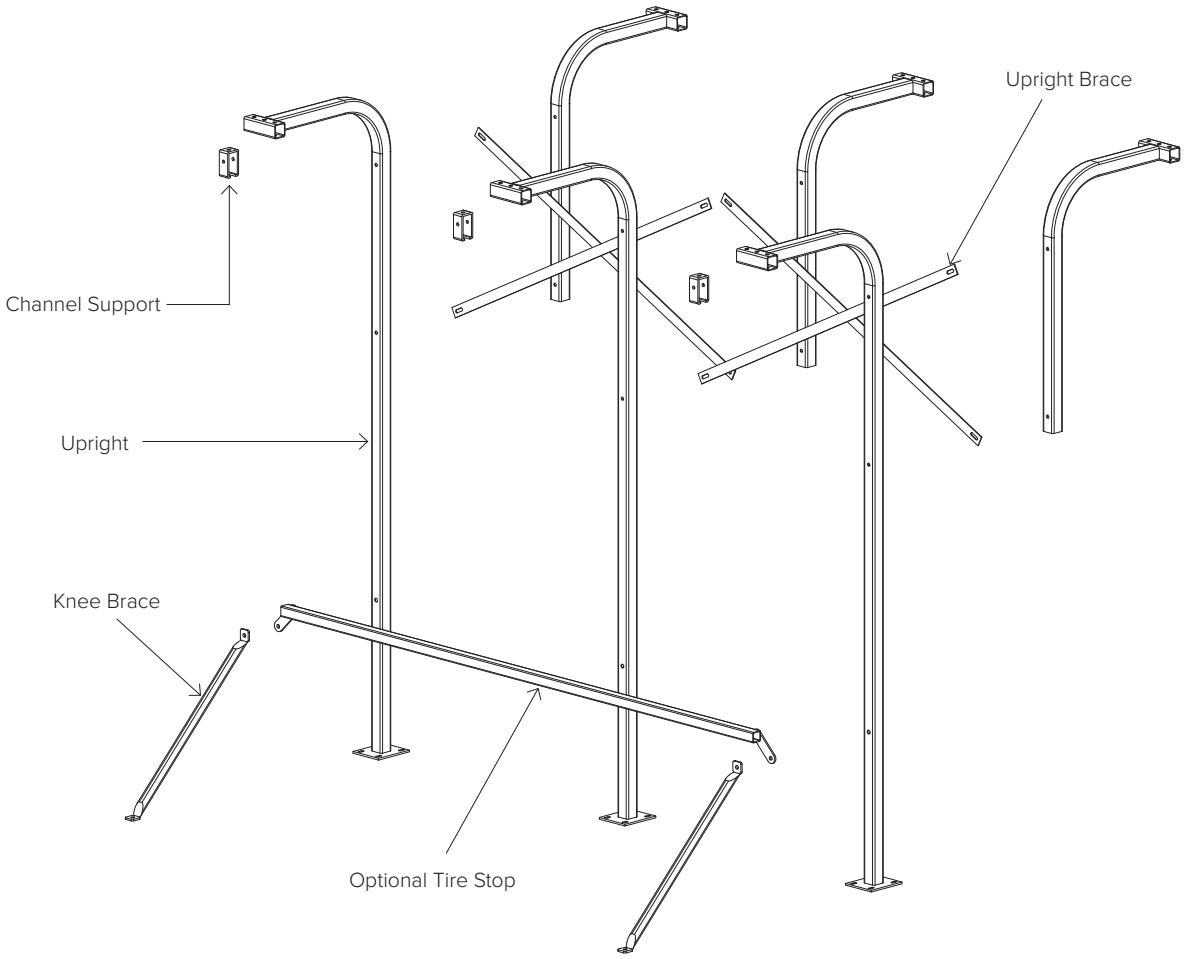
Optional Tire Stop

For the optional wall-mounted tire stop, anchor the unit to the wall so that the center of the tire stop bracket is 70” below the top of the support arm for the track.



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The floor mounted Bike File MUST be anchored to the floor. This is NOT a freestanding unit.



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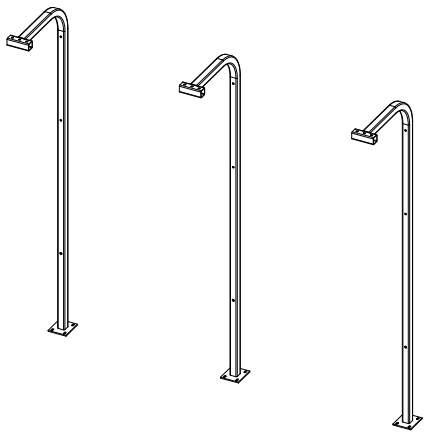
TOOLS NEEDED

9/16” Wrench/Socket
3/4” Wrench/Socket (Qty. 2)
1/4” Drill Bit or 3/8” Masonry Drill Bit
Tape Measure
Drill (Hammer Drill Recommended)
Hammer
Level

BEFORE INSTALLING!

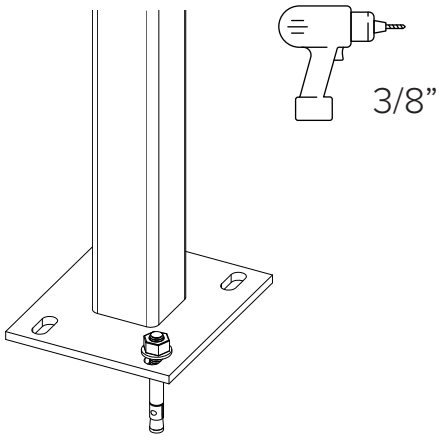
Make sure the floor is strong enough to accommodate the rack fully loaded with bikes. Compare parts shipped with rack to parts list. Call Dero if any parts are missing.

1



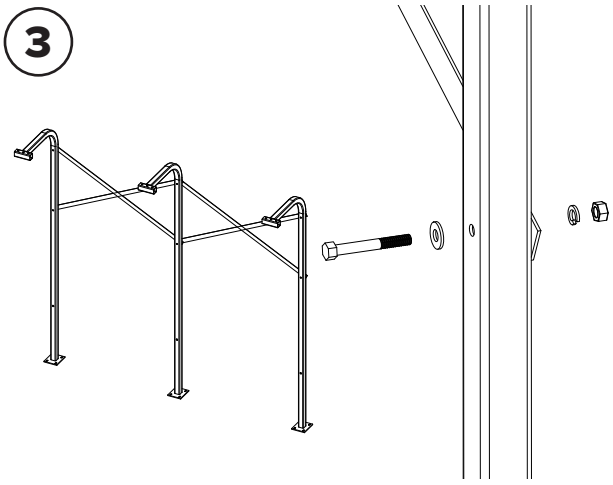
Place the Uprights 48” apart from each other. See your rack layout for location and numbers.

2

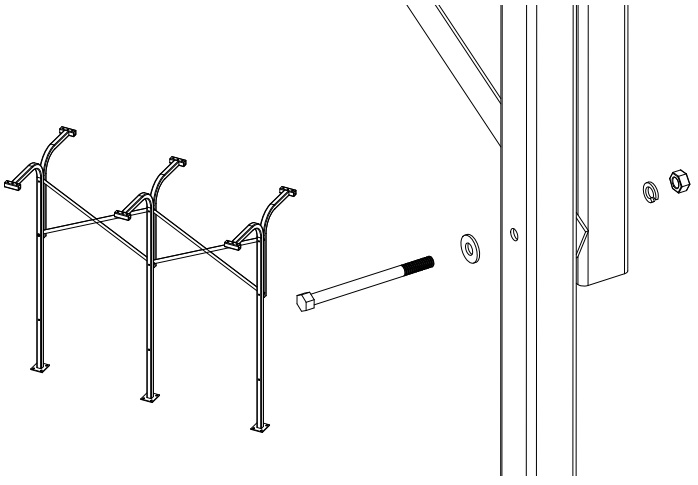


Anchor each Upright by drilling 3/8” holes and fastening with wedge anchors.

3



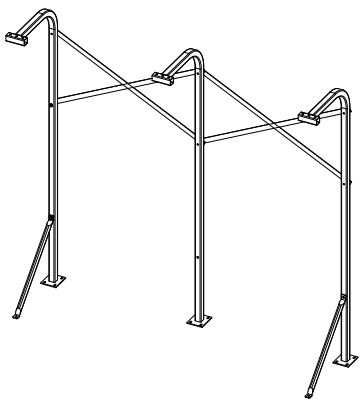
A) For single-sided units, fasten the Upright Braces to the Uprights with 3/8” x 3” bolts, 3/8” washers, 3/8” lock washers, and 3/8” nuts.



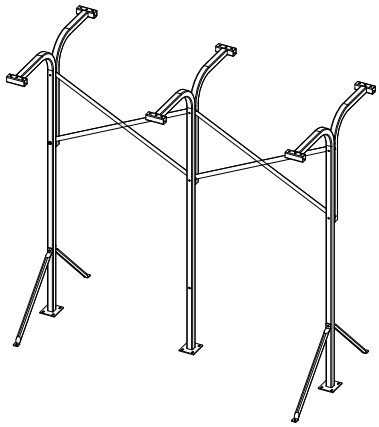
B) For double-sided units, fasten the Double-sided Uprights and Upright Braces to the Uprights with 3/8” x 5” bolts, 3/8” washers, 3/8” lock washers, and 3/8” nuts.

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4

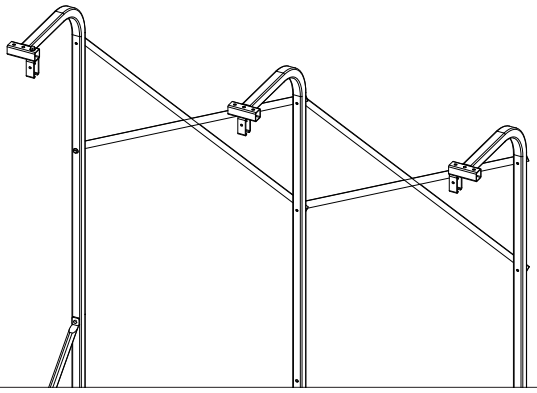


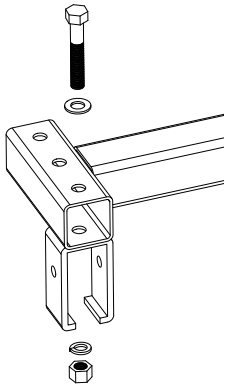
A) For single-sided units, attach Knee Braces to the first Upright and then every other Upright with 3/8” x 3” bolts, 3/8” washers, 3/8” lock washers, and 3/8” nuts. Anchor each Knee Brace by drilling a 3/8” hole and fastening with a wedge anchor.



B) For double-sided units, attach (2) Knee Braces to the first Upright and then every other Upright with 3/8” x 3” bolts, 3/8” washers, 3/8” lock washers, and 3/8” nuts. Anchor each Knee Brace by drilling a 3/8” hole and fastening with a wedge anchor.

5

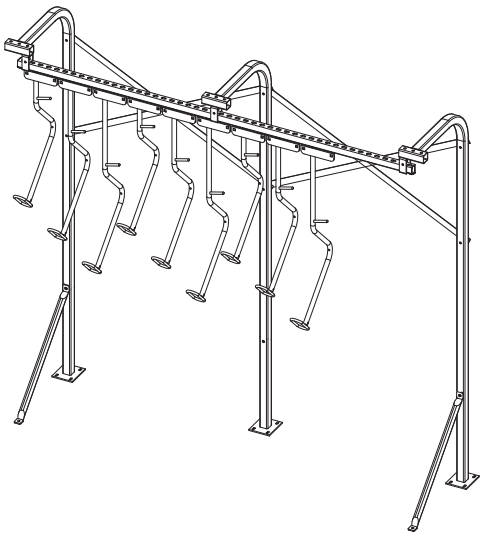




Fasten the Channel Supports to the uprights with 1/2” x 3” bolts, 1/2” washers, 1/2” lock washers, and 1/2” nuts.

Use the following Channel support mounting locations:
1st Upright, use right hole.
2nd Upright, use center hole.
3rd Upright, use left hole.
For modular units each 3rd Upright will have a Channel Support at the left and right holes.

6

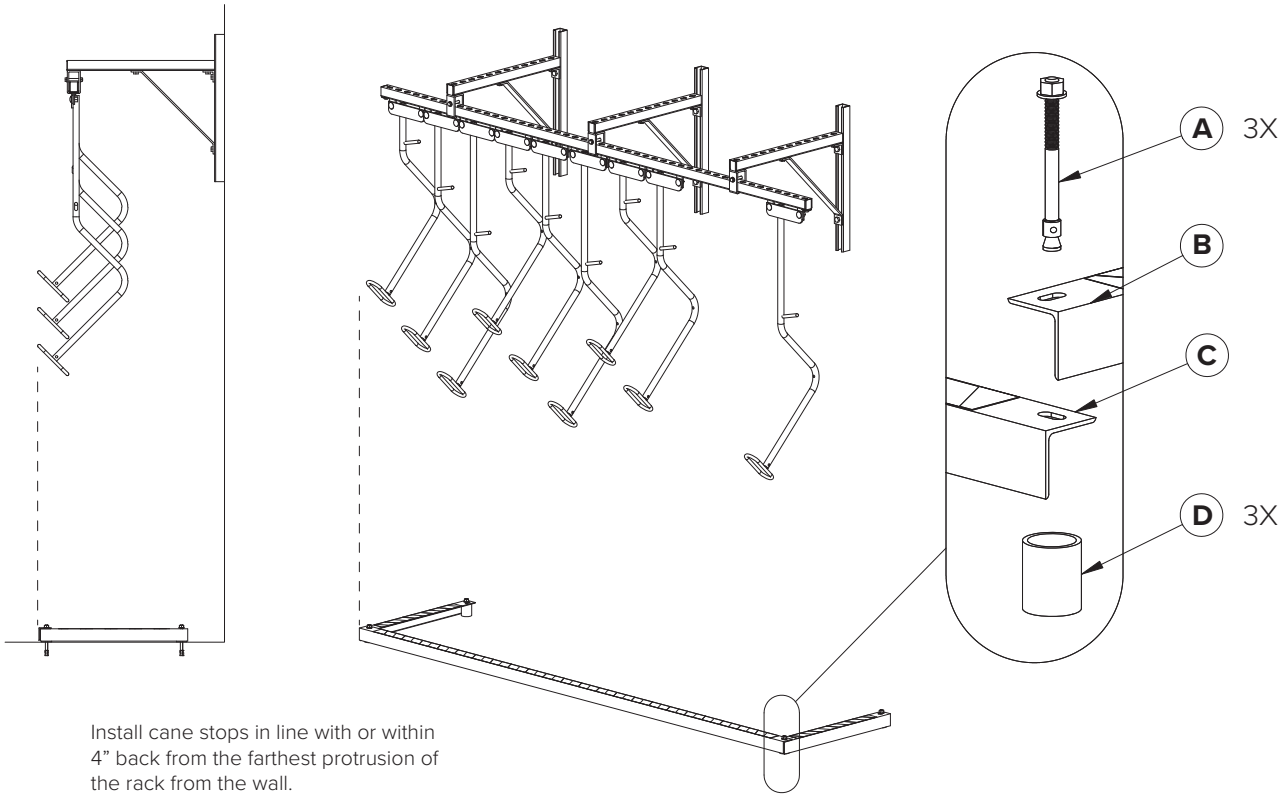


Insert the Bike File assembly into the Channel Supports and secure. See ceiling mount instructions for more detail.

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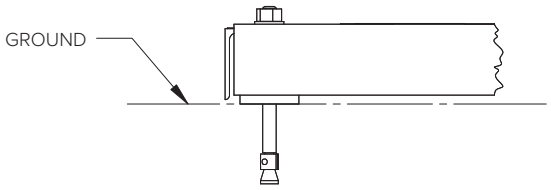
Cane Stop Installation Instructions for Wall Mounted Bike Files

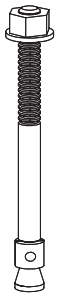
See diagrams below for guidance on installing the optional cane stops. In a run of multiple sections of racks, the cane stops will overlap at the anchoring points.



Install cane stops in line with or within 4” back from the farthest protrusion of the rack from the wall.

INSTALLED





A 3/8” x 5” Wedge Anchor



B Cane Stop End



C Cane Stop

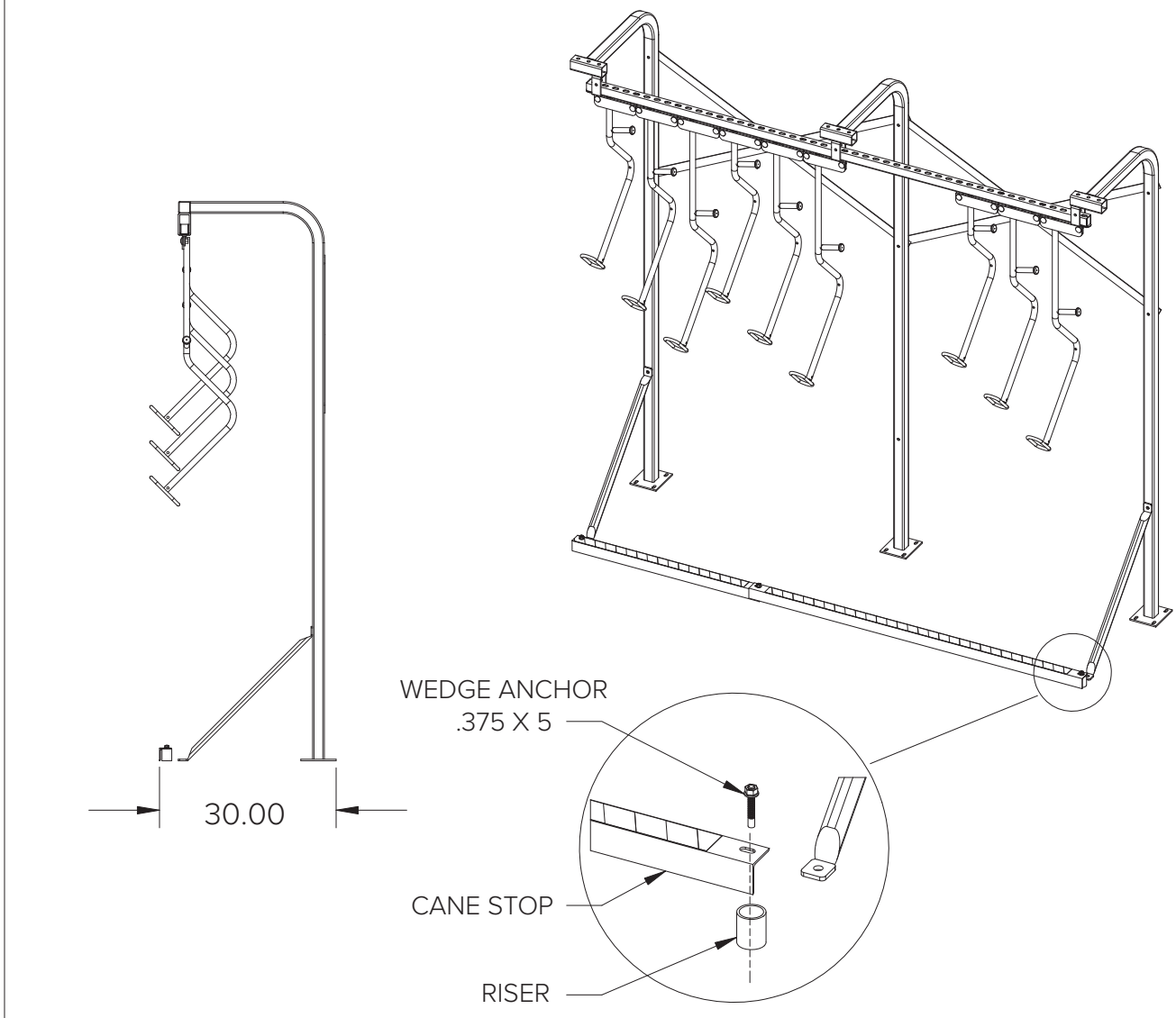


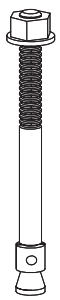
D Riser

©2026

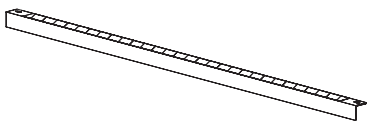
Cane Stop Installation Instructions for Floor Mounted Bike Files

See diagrams below for guidance on installing the optional cane stops. In a run of multiple sections of racks, the cane stops will overlap at the anchoring points.





3/8” x 5” Wedge Anchor



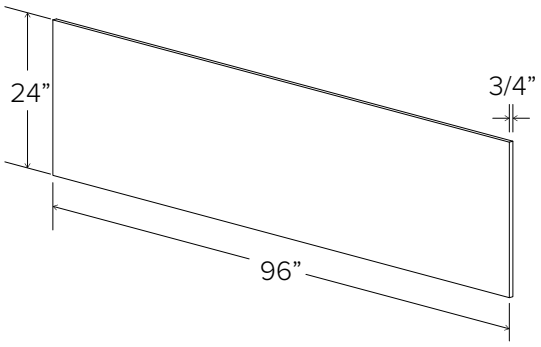
Cane Stop



Riser

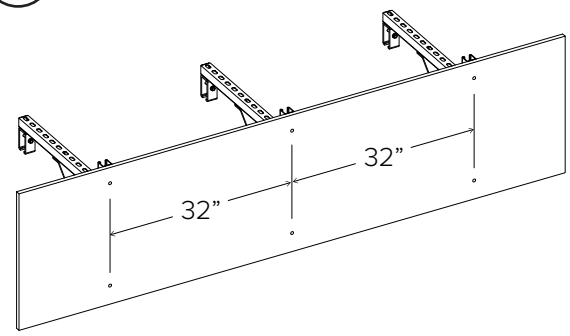
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1



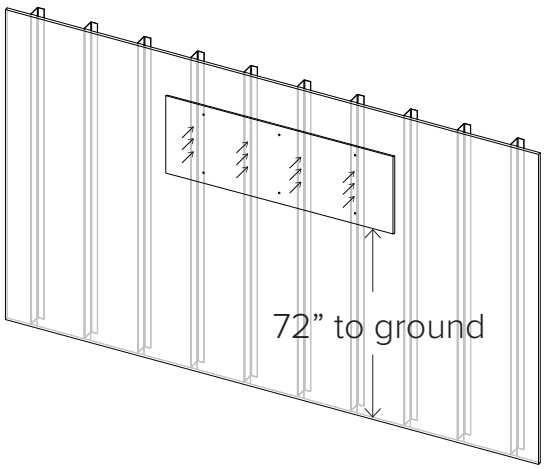
Use 96” x 24” x ¾” boards as a substrate to mount the racks. White Melamine board works well.

2



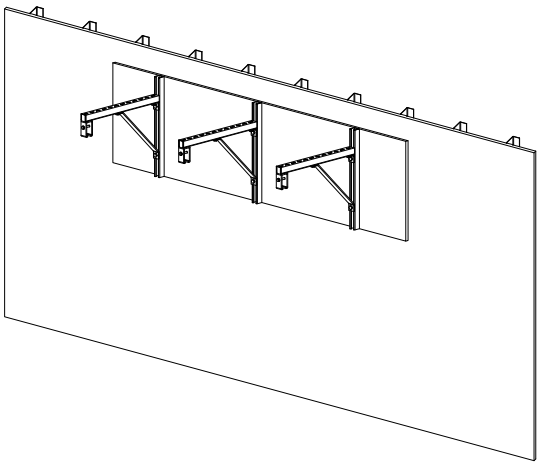
Lay out the wall mounting brackets on the board 32” apart and mark the (2) holes per bracket on the board. Use the second hole from the ends of the bracket. Drill through at marks with a ½” drill and press 3/8”-16 Tee Nuts in the back of the board.

3



Place the board on the wall and attach with (3) 3/16” x 3” self-drilling screws at each metal stud. The bottom of the board should be 72” from the ground. 4” wood screws may be used for wood studs.

4



Attach the wall brackets to the board with (2) 3/8”-16 x 1” bolts and washers at each location.

Dero is not responsible for verifying installation surface and location. Installer assumes all liability for secure installation.

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