

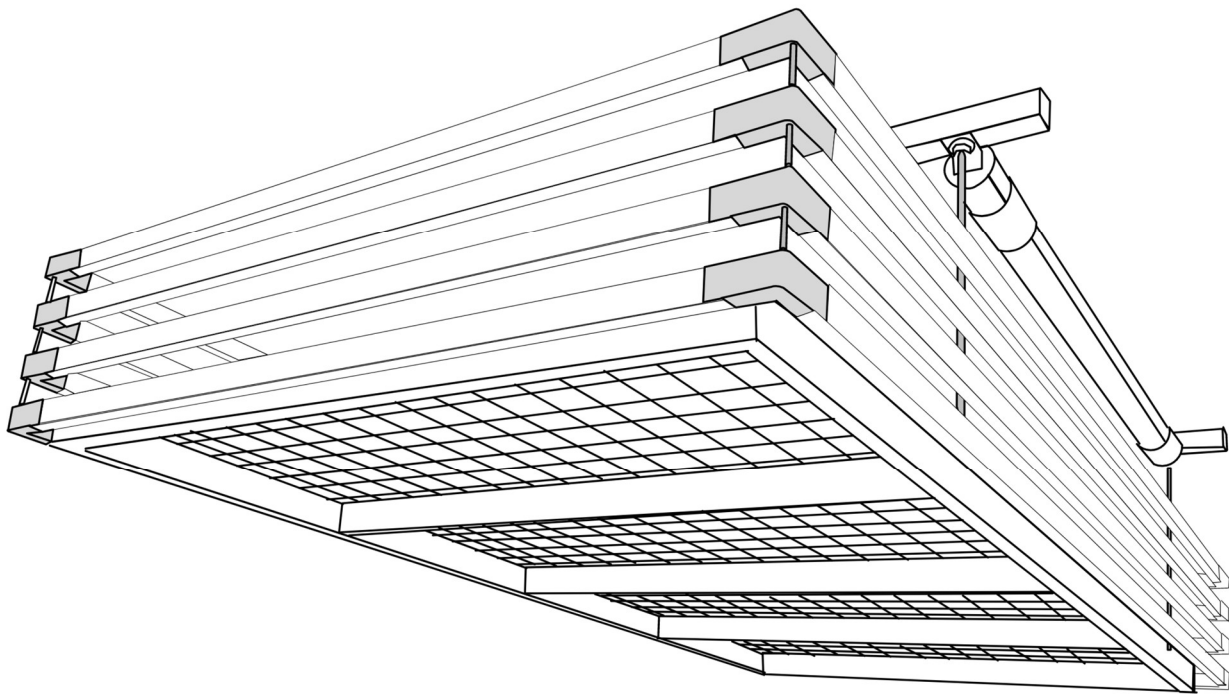
AUXXLIFT

Auxx-Fence

Installation Guide

Wooden Fence for the Auxx Lift Garage Storage Lift

Design and Quality — AUXXLIFT of the USA
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Visit www.auxx-lift.com/installation-help for installation videos.

Help phone: PT 9 AM – 5 PM, Mon-Sat, at 1-888-915-5797

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1. Before You Start

⚠ READ COMPLETELY BEFORE BEGINNING

Read all instructions before starting. For a professional, this installation takes approximately 3 hours. Follow every step carefully. If you feel uncomfortable, work with a handyman or contractor.

1.1 Pre-Installation Checklist

1. Have you read through all the instructions?
2. Do you have all the recommended tools?
3. Do you have somebody to assist you?
4. Have you allocated enough time?
5. Do you have a good, stable ladder?
6. Have you cleaned the work area?

1.2 Important Rules

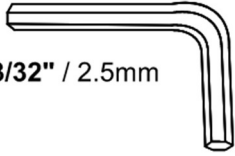
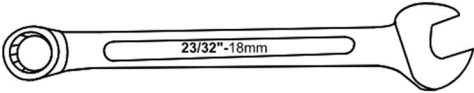
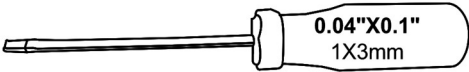
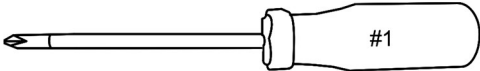
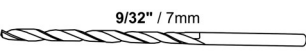
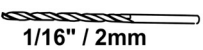
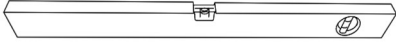
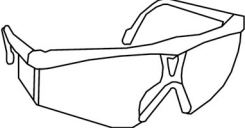
1. Do NOT use an impact driver.
2. Clean the area before you start.
3. Wear safety glasses at all times.
4. Keep the work area clear.
5. Check measurements during construction.
6. All wood cuts must be exactly 90°. Use a precision chop saw.

i Need Help?

If you have problems or feel uncomfortable, call or write us.

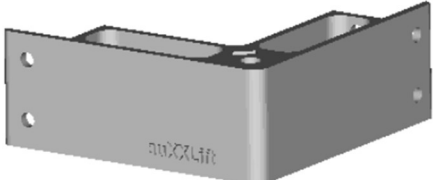
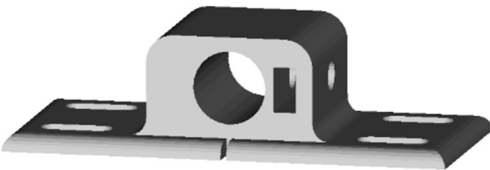
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2. Recommended Tools

Tool	Illustration	Purpose
Allen key — 3/32" (2.5 mm)		Set screws on side holders & corner brackets
Combination wrench — 23/32" (18 mm)		Tightening M12 nuts on threaded rods
Flat-head screwdriver — 0.04" × 0.1" (1 × 3 mm)		Flat-head screws
Phillips screwdriver #1		Driving #8 wood screws
Power drill with bits 9/32" (7mm)		Clearance holes (9/32" / 7 mm)
Power drill with bits 1/16" (2mm)		Pilot holes (1/16" / 2 mm)
Miter / chop saw		Cutting boards to length at exact 90°
Saw		Cutting rods to length
Level — 24–48"		Ensuring fence boards are level
Tape measure		Measuring board lengths
Pencil		Marking cut lines & positions
Safety glasses		Eye protection — required!

3. Parts List

3.1 Parts

Qty	Illustration	Part
4		4' Threaded rods (for 4' platform-to-ceiling height)
4		M12 Stainless Steel hex nuts
4		Rods 1/4" x 1.5'
128		Screw #8
16		Corner Brackets
16		Side Holder
32		M5 square nuts
32		M5 x 12 mm bolts (Allen key 2.5 mm)

4. Overview and Planning

The Auxx-Fence is a decorative wooden cover that surrounds the Auxx Lift platform. Horizontal hardwood boards attach to threaded rods that replace the original M12 bracket screws. You can install it on a new lift or add it to an existing one.

4.1 New Lift Installation

Do not use the M12 × 25 mm bracket screws. Replace them immediately with the M12 × 500 mm or 1000 mm threaded rods during initial assembly.

4.2 Adding to an Existing Auxx Lift

1. Lower the platform to the floor and remove the wire mesh.
2. Place 2×4 wood blocks under the frame to remove motor load.
3. Work with a second person — one holds the motor while the other swaps each M12 screw for a threaded rod.
4. Keep the original M12 × 25 mm screws in case you ever remove the fence.

4.3 Planning Fence Height

1. Measure the distance from the ceiling to the underside of the platform at its desired stop height.
2. Decide on the number of fence levels you want.
3. Calculate total height: $(\text{levels} \times 1.5") + (\text{gaps} \times \text{gap width})$.
4. Example: Platform underside is 28" from ceiling; 3 levels with 1" gaps = 6.5" fence height.

i Fence Height Planning

Each wooden board is 1.5" high. Plan your number of levels before cutting.

Example: 3 levels with 1" gaps each = $(3 \times 1.5") + (2 \times 1") = 6.5"$ total fence height.

4.4 Planning Fence Layout

1	
2	
3	

4.5 Fence Material

Auxx Lift offers Maple and Walnut. If you want to purchase your own fence material, we recommend using Swaner Hardwood 1 in. × 2 in. × 8 ft. boards (actual: $\frac{3}{4}$ in. × 1½ in. × 8'). Recommended species:

1. Red Oak or White Oak
2. Maple
3. African Mahogany
4. Birch

Do Not Use

Do not use plywood, particleboard, or MDF.

These materials cannot support screws adequately and will cause the fence to loosen over time.

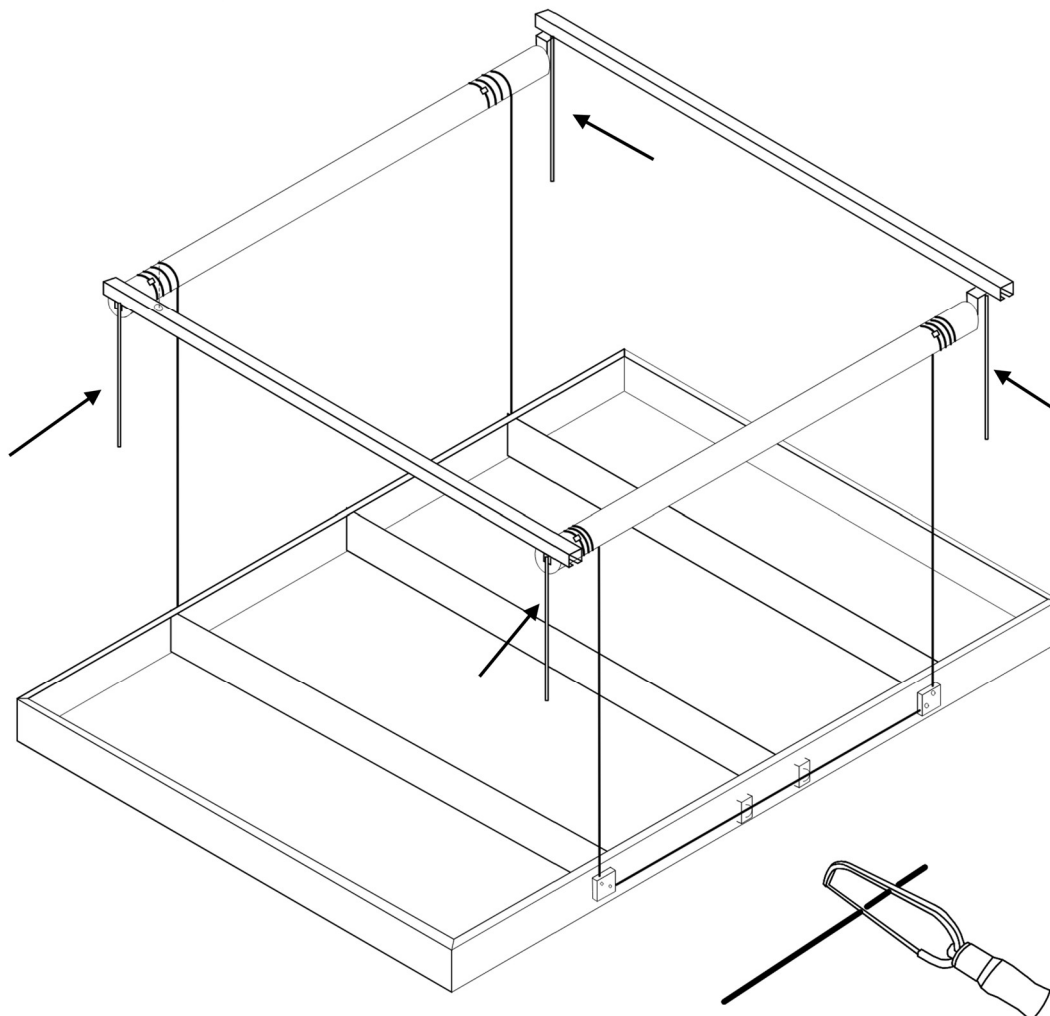
5. Step 1: Threaded Rod Installation

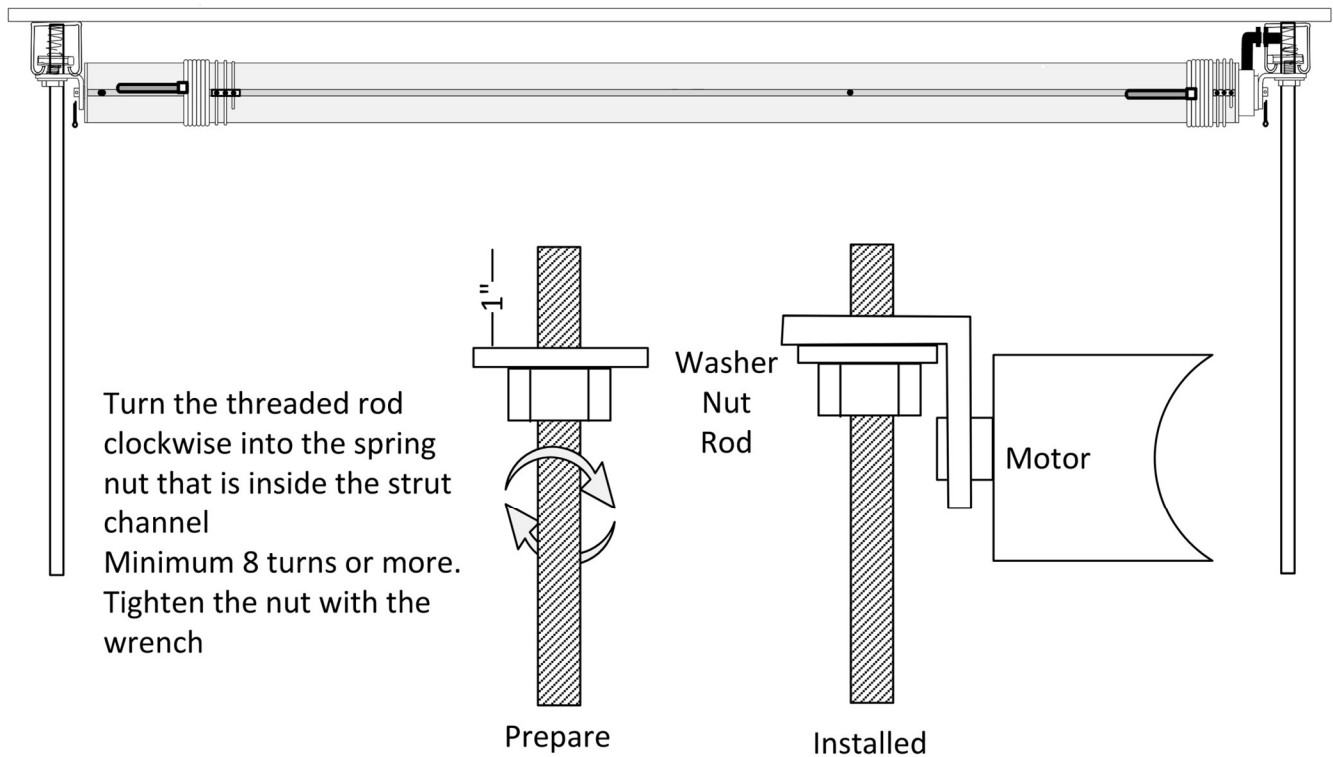
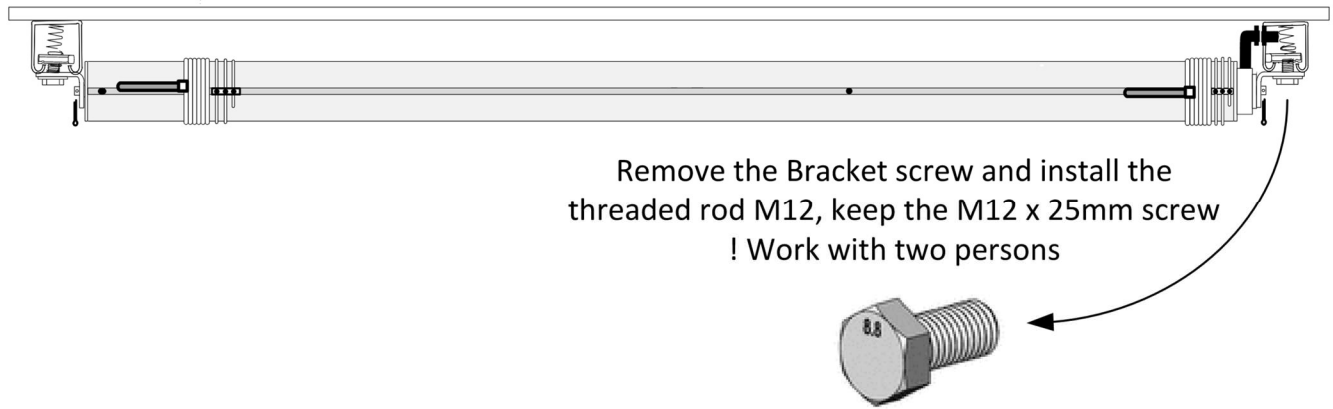
⚠ Work with Two Persons

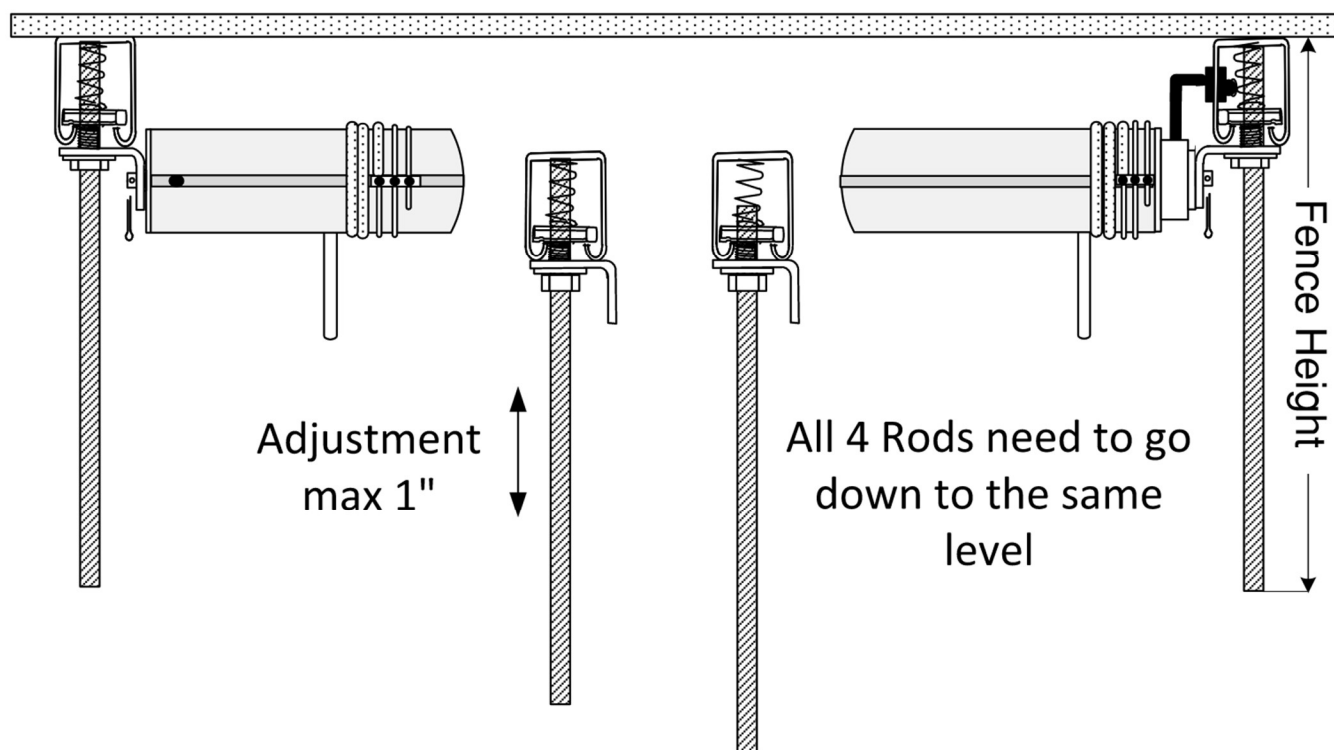
One person holds the motor unit steady while the other removes and replaces each M12 screw. Never leave a motor unsupported during this step.

5.1 Installation of all 4 Rods

1. Lower the platform to the floor. Remove the wire mesh if already installed.
2. Cut all four threaded rods to your desired fence height (use a hacksaw or metal-cutting blade). (This happens before you install them).
3. With one person holding the motor, remove the first M12 × 25 mm bracket screw.
4. Turn the M12 threaded rod clockwise into the spring nut inside the strut channel — minimum 8 full turns.
5. Slide the washer onto the rod, then thread the M12 nut. Tighten firmly with a 23/32" (18 mm) wrench.
6. Repeat for all four corners.
7. Max adjustment for each rod is 1-inch.
8. Make sure all four threaded rods reach the same height.







6. Step 2: Measuring and Cutting Fence for Long Side

6.1 Measuring for Wood Fence - Long Side First

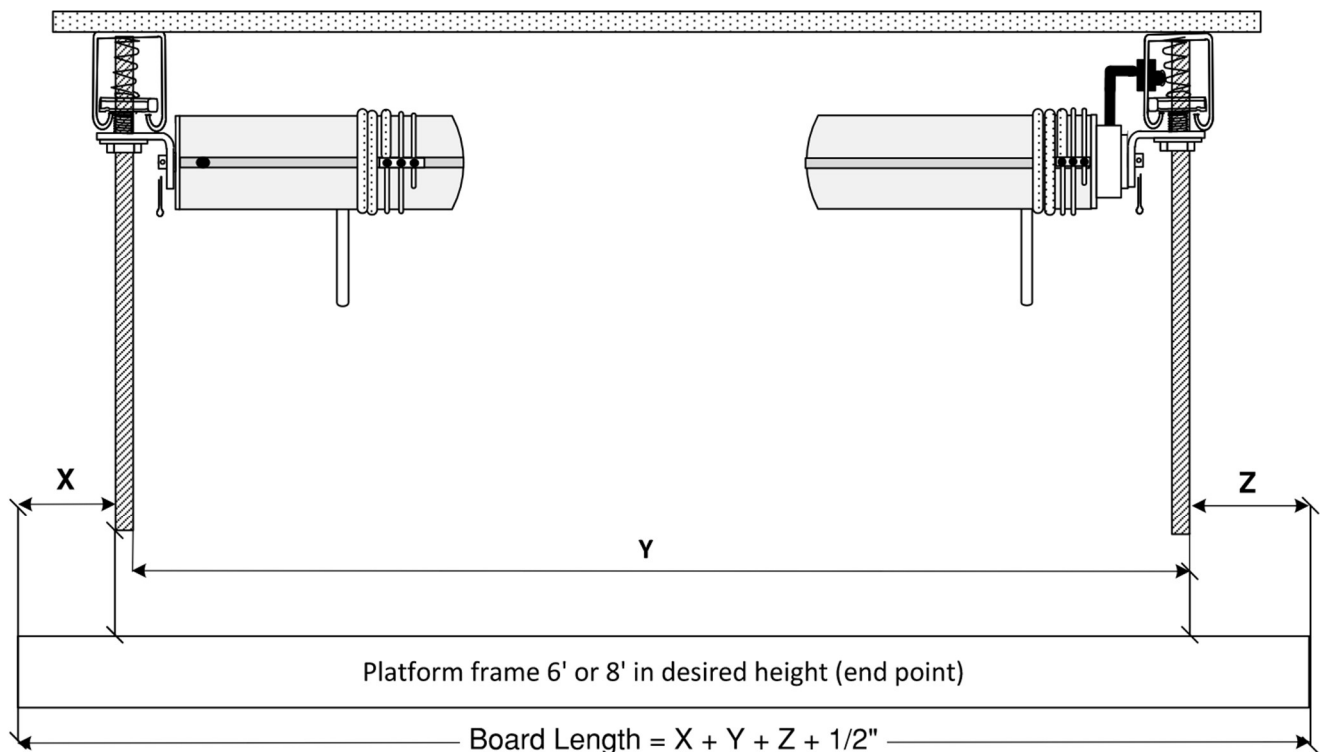
1. Raise the platform to its designed stop height (the height you want it to stop at when fully raised).
2. Measure and record the following dimensions from the platform frame:

- X = Distance between Platform and threaded rod (left side)
- Y = Distance between threaded rods
- Z = Distance between Platform and threaded rod (right side)

➤ **Board Length = $X + Y + Z + \frac{1}{2}"$ (Should be close to platform length!)**

i Tip

Measure each side individually — even if the frame looks square, dimensions can vary slightly. Record all measurements before cutting any wood.

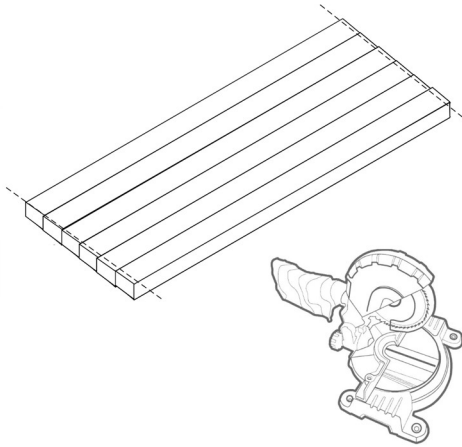


6.2 Cutting the Boards

1. For each fence level, you need 3 boards (1" × 2" × 96").
2. Use the measurements from Step above (6.1) to determine the cut length for each board.
3. Cut all boards to the same length.
4. All cuts must be exactly 90°. Use a precision chop saw (miter saw) for best results.
5. Verify all cut boards match in length before continuing.

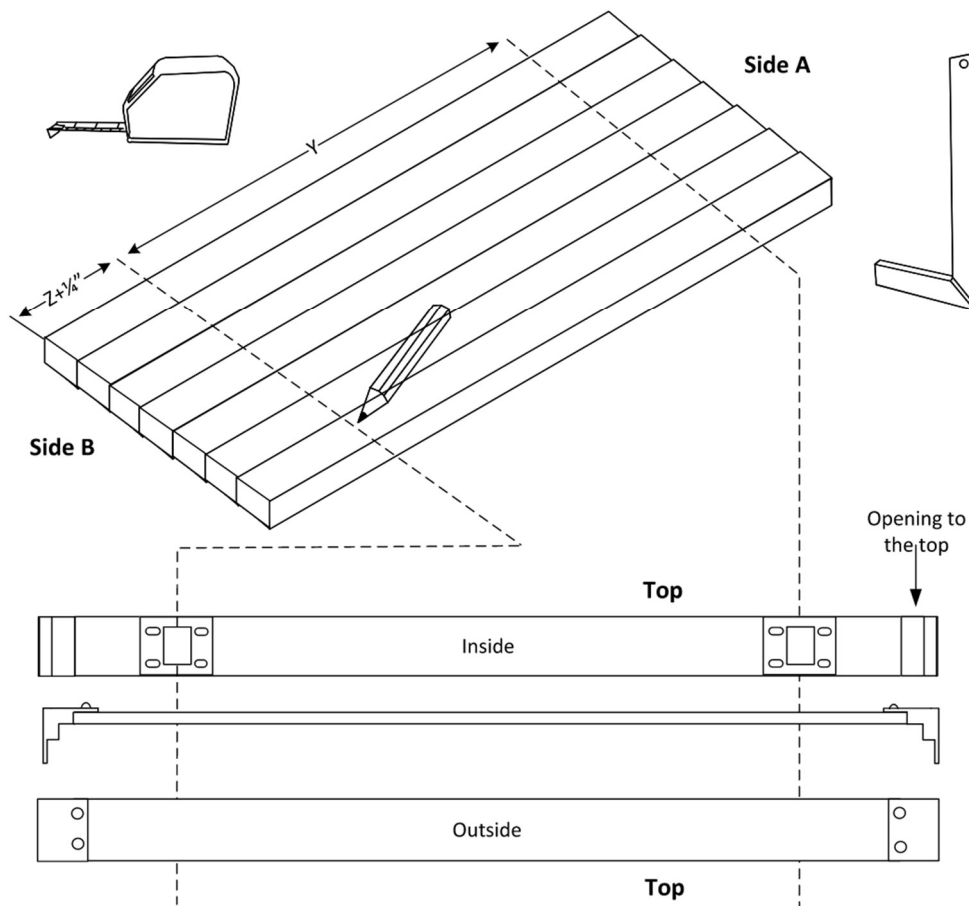
✓ Tip

Cut all boards before beginning assembly — it is much easier to work on the ground.
Label boards by position (Side A, Side B) to avoid confusion during assembly.

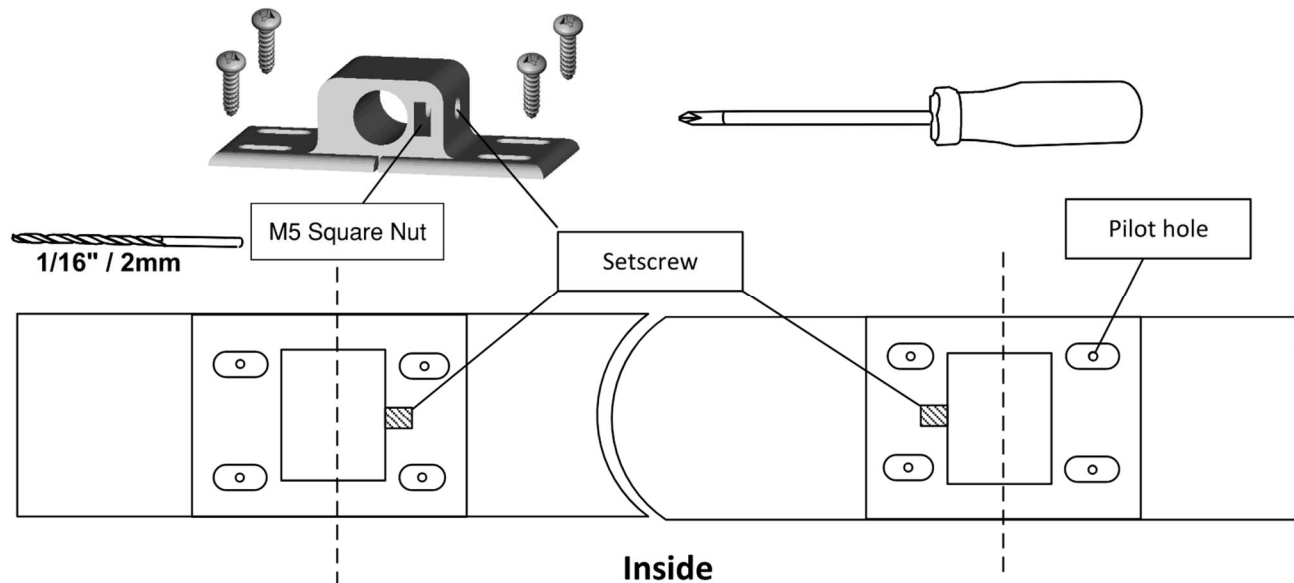


7. Step 3: Install Side Holder and Corner Brackets (Long Side)

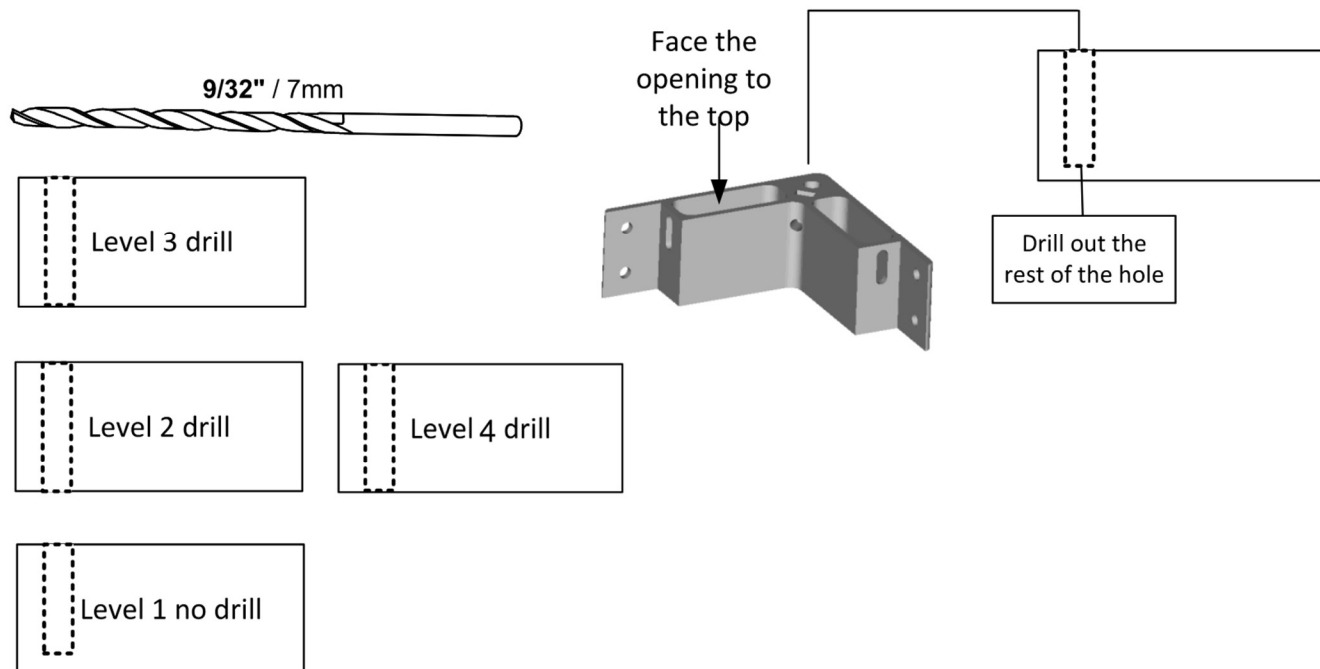
1. Identify the eight boards for the long side that you just cut and lay them out on the ground.
2. The inside face of each board will face the platform; the outside face is the visible finished surface.
3. With a pencil, mark distance for $(Z + 1/4")$ and (Y) as shown below. This will be the location for your side holder where the threaded rods attach. See below:



4. Position a side holder on the **inside** face of each board, aligned with the threaded rod location (pencil line from above).
5. Drill a 1/16" (2 mm) pilot hole at each screw position.
6. Secure the side holders with the #8 screws (4x per side holder) using a Phillips screwdriver.
7. Install the M5 square nut and setscrew at each side holder. Do not fully tighten the setscrew yet.

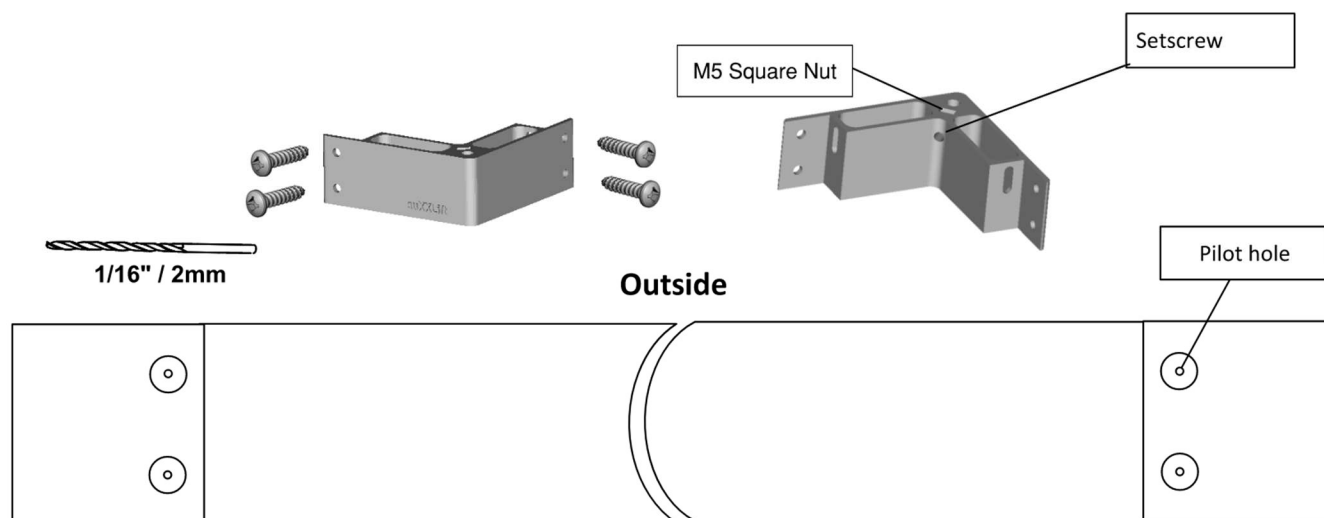


8. Drill out a 9/32" (7 mm) the hole through the corner bracket so the rod can pass through for Levels 2, 3 and 4. See below.



9. Attach a corner bracket at each end of the 8 long boards on the outside face.
10. Drill a 1/16" (2 mm) pilot hole at each screw position.

11. Secure the corner brackets with the #8 screws (2x per bracket for now) using a Phillips screwdriver.
12. Install the M5 square nut and setscrew at each corner. Do not fully tighten the setscrew yet.



i Set Screws

Set screws on the side holders clamp onto the threaded rods to lock each fence level at the correct height.

Do not fully tighten set screws until all levels are positioned and confirmed level.

8. Step 4: Install the Long-Side Fence Beams

The long-side fence boards are installed level by level, starting at the top (Level 4) and working down. This step gives you full creative control over the spacing between levels.

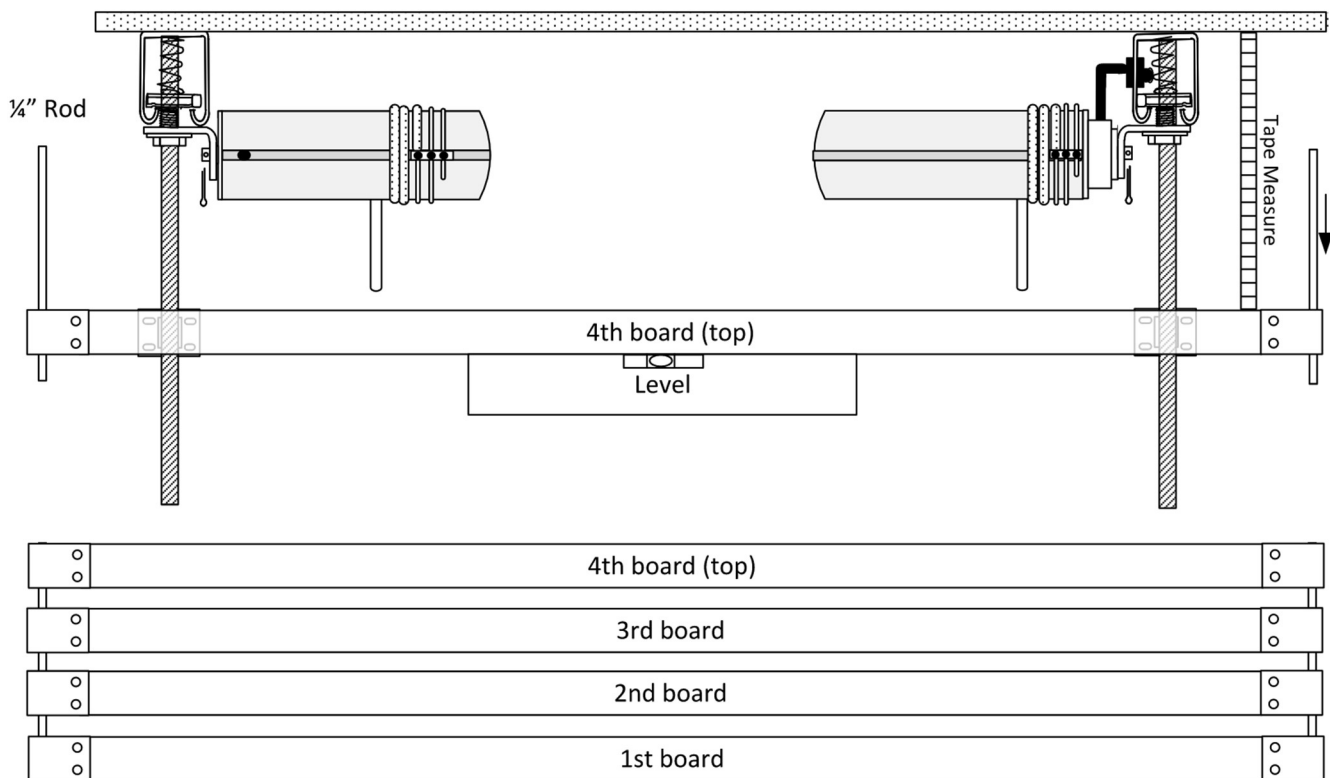
1. Starting at Level 4 (the top), slide the two long-side boards onto the threaded rods via the side holders.
2. Use a tape measure and level to confirm the boards are at the correct height and are level across the full span.
3. Lightly tighten the set screws to hold the boards in position — do not fully tighten yet.
4. Install Level 3 long-side boards, maintaining the desired gap below Level 4 (typically 1").
5. Continue working down through Level 2 and Level 1 until all long-side boards are installed.
6. Once all levels are at the correct heights and confirmed level, fully tighten all set screws.

✓ Tip

Work with an assistant — one holds the board in position while the other tightens the set screws.

Use a tape measure to maintain consistent spacing between every level.

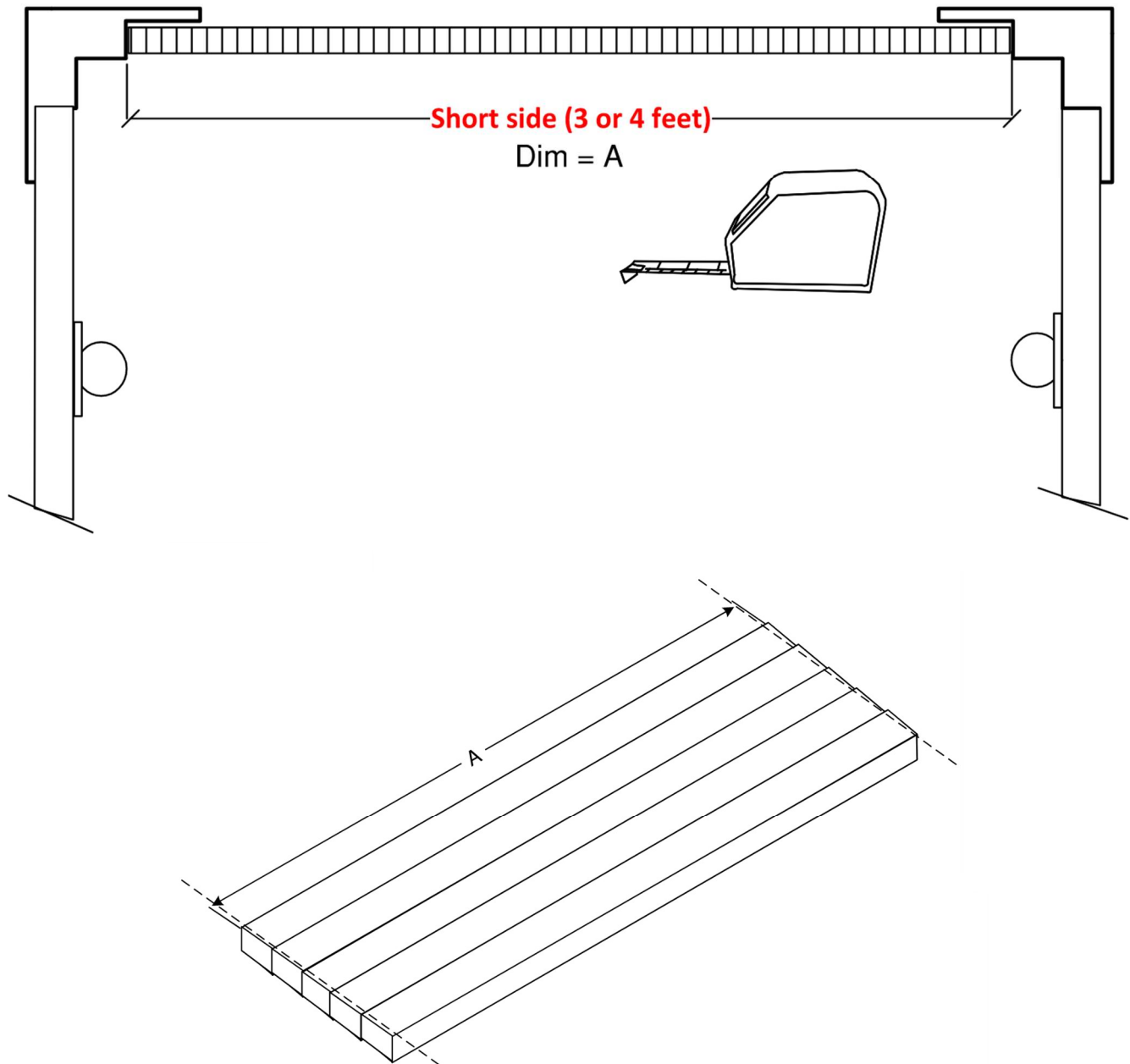
Example: 4-level fence = install Level 4 (top) first, then Level 3, Level 2, and Level 1 (bottom) last.



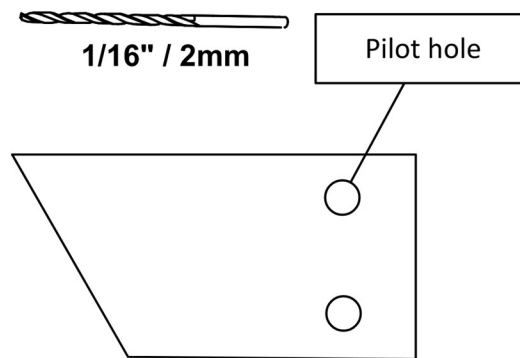
9. Step 5: Install the Short Fence Beams

The cross (short-side) beams complete the rectangular fence frame at each level. They are cut to fit after the long-side boards are installed. Install them in the same order — starting at the top (Level 4) and working down.

1. Measure the inside distance between the installed corner brackets at each level (dimension A), starting at Level 4 (the top).



2. Cut each short-side board to the measured length with a 90° angle cut.
3. Drill a 1/16" (2 mm) pilot hole at each end of every cross board where it meets a corner bracket.



4. Slide the cross board into position and align the pilot holes with the screw holes in the corner brackets.
5. Drive #8 screws through the cross board ends into the corner brackets — do not overtighten.
6. Verify each board is level and flush with the corresponding long-side board at the same height.
7. Repeat for the remaining cross boards, working down from Level 4 to Level 1.

i Measurement Tip

Measure each cross board individually after long-side boards are installed.

Even if the platform appears square, actual inside dimensions may differ slightly side to side.

10. Step 6: Final Checks

10.1 Verify All Connections

1. Walk the full perimeter and check every screw, set screw, bolt, and M12 nut for tightness.
2. Verify all fence boards are level and locked securely in their brackets.
3. Ensure all M5 set screws are fully tightened onto the threaded rods.
4. Check that M12 nuts are tight against the strut channel at all four corners.
5. Apply moderate hand pressure at several points around the fence — it should not flex, rotate, or shift.

10.2 Verify Platform Clearance

1. Using the lift remote, raise and lower the platform through its full range of motion.
2. Confirm the Auxx-Fence does not catch on the ceiling, walls, or strut channel at any point.
3. Repeat the full travel cycle at least twice before loading the platform.

⚠ CLEARANCE CHECK — DO NOT SKIP

Before placing any items on the platform, cycle the lift through its full range of motion.
The fence must clear all obstructions throughout the entire travel path.