

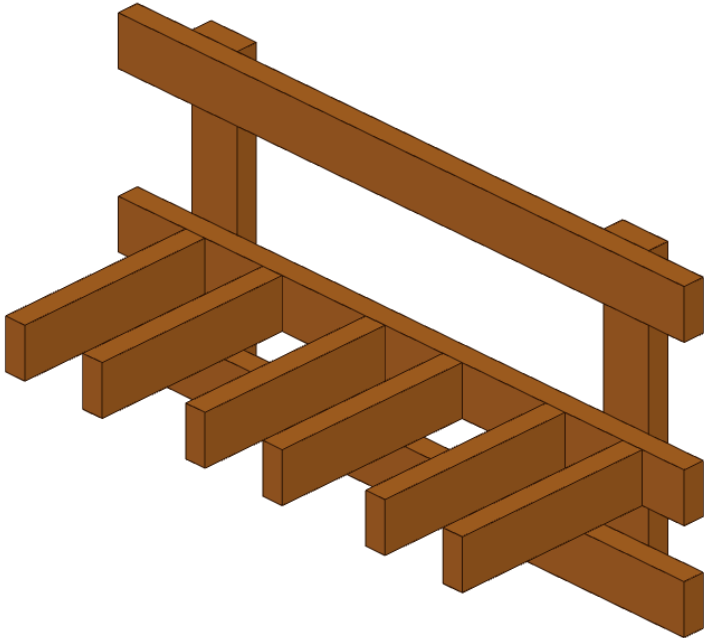
Wall Ski & Snowboard Rack

Automated woodworking cut list, grouped board cutting diagrams, and step-by-step 3D assembly guide.

Specifications

Overall Dimensions	44" W × 17" D × 22" H
Total Parts Count	11 pieces (3 unique sizes)
Dimensional Stock Lumber	3 boards (3 unique cutting patterns)
Wood Screws	12 screws

3D Project Overview



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Cut List Summary

Identical pieces are grouped together. Check off each row as you cut your lumber and sheet goods.

Qty	Material	Cut Dimensions	Miter / Angle Cuts	Piece Names
2×	2x4	22"	Square (90°)	2× Vertical Wall Cleats
3×	2x4	44"	Square (90°)	2× Horizontal Wall Ledgers · Cross Ledger
6×	2x4	14"	Square (90°)	6× Bay Arms

Board Cutting Diagrams

Boards with identical cuts are grouped with a multiplier badge (e.g., 5× **Boards**) so you only read each cutting layout once. Includes 1/8" blade kerf.

1× Board

2x4 (8' / 96" stock)

2 cuts/board • 88.1" used • 7.9" scrap

Produces: Top Horizontal Wall Ledger + Bottom Horizontal Wall Ledger

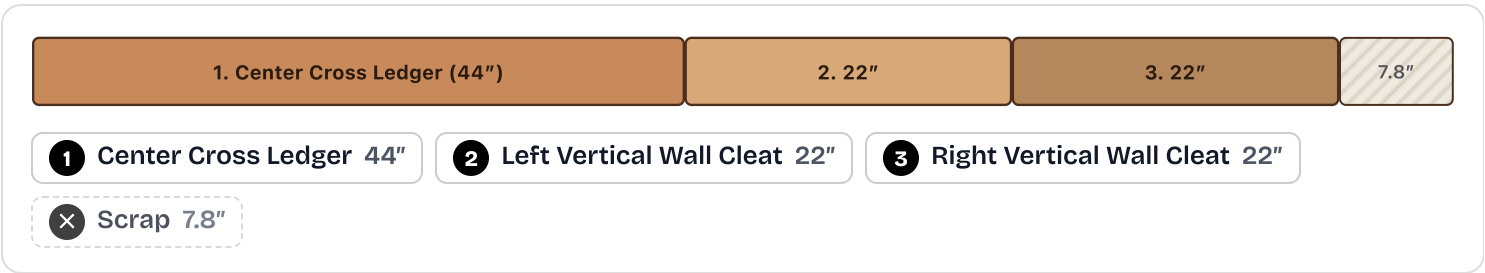


1× Board

2x4 (8' / 96" stock)

3 cuts/board • 88.3" used • 7.8" scrap

Produces: Center Cross Ledger + Left Vertical Wall Cleat + Right Vertical Wall Cleat

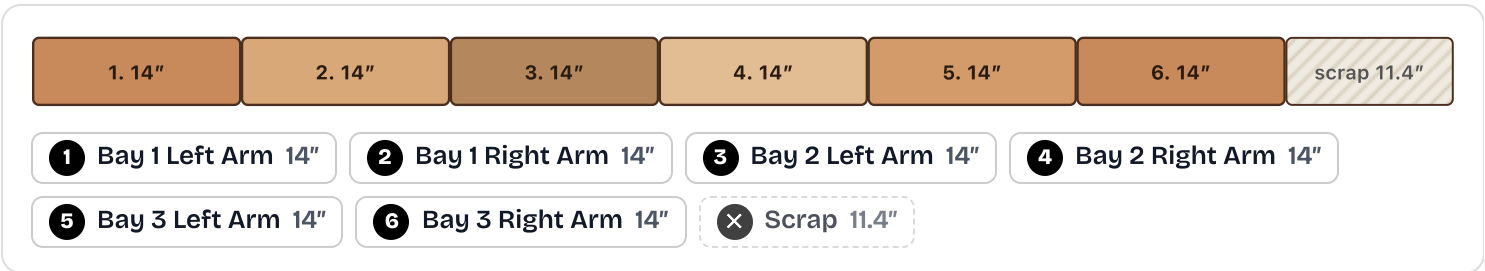


1× Board

2x4 (8' / 96" stock)

6 cuts/board • 84.6" used • 11.4" scrap

Produces: Bay 1 Left Arm + Bay 1 Right Arm + Bay 2 Left Arm + Bay 2 Right Arm + Bay 3 Left Arm + Bay 3 Right Arm



Step-by-Step Assembly Guide

Pieces highlighted in warm amber are added in the current step. Muted beige pieces are already assembled from previous steps.

1

Wall Frame

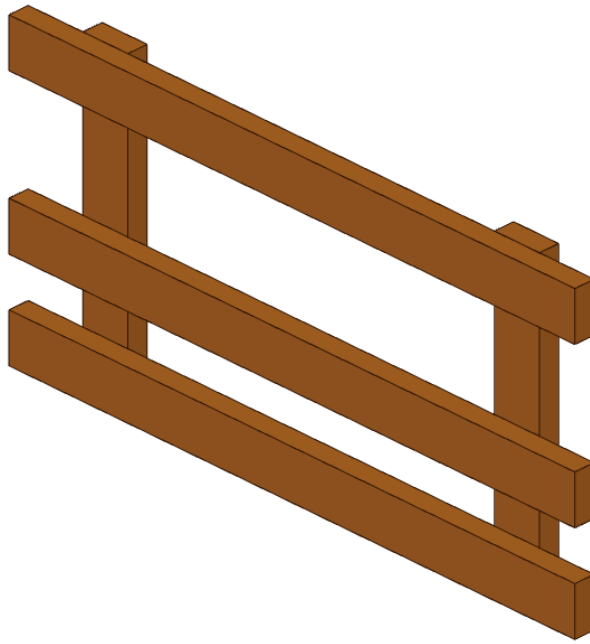
2× Vertical Wall Cleat (2x4, 22")

1× Top Horizontal Wall Ledger (2x4, 44")

1× Bottom Horizontal Wall Ledger (2x4, 44")

1× Center Cross Ledger (2x4, 44")

- Drive 2× 2.5" screws through **Top Horizontal Wall Ledger** into **Vertical Wall Cleat**
- Drive 2× 2.5" screws through **Bottom Horizontal Wall Ledger** into **Vertical Wall Cleat**
- Drive 2× 2.5" screws through **Cross Ledger** into **Vertical Wall Cleat**



2

Support Arms

2× Bay 1 Arm (2x4, 14")

2× Bay 2 Arm (2x4, 14")

2× Bay 3 Arm (2x4, 14")

- Drive 2× 2.5" screws through **Cross Ledger** into **Bay 1 Arm**
- Drive 2× 2.5" screws through **Cross Ledger** into **Bay 2 Arm**
- Drive 2× 2.5" screws through **Cross Ledger** into **Bay 3 Arm**

