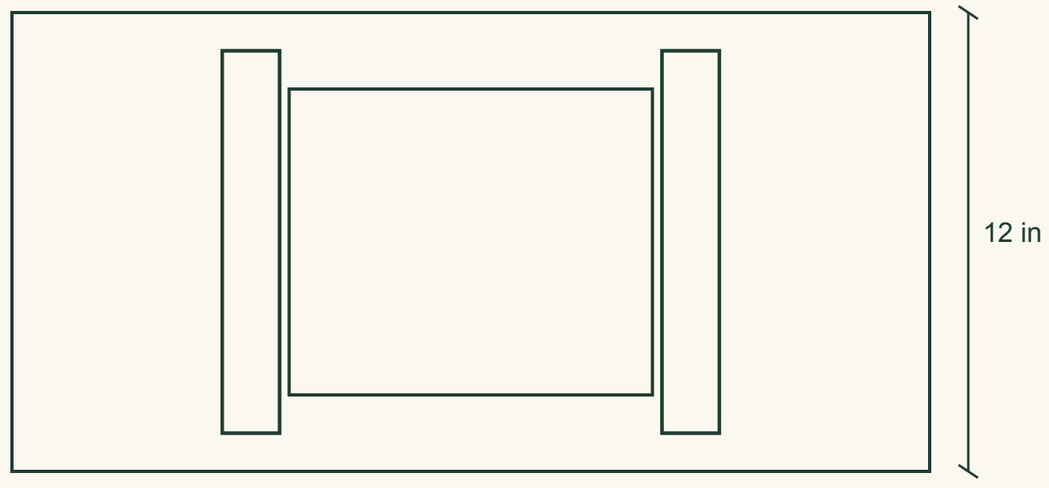
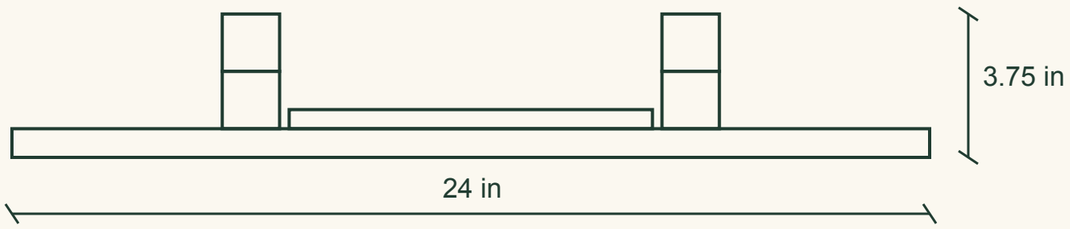
85 Build a Replaceable-Brush Boot Scraper

01 / MEASURED VIEWS

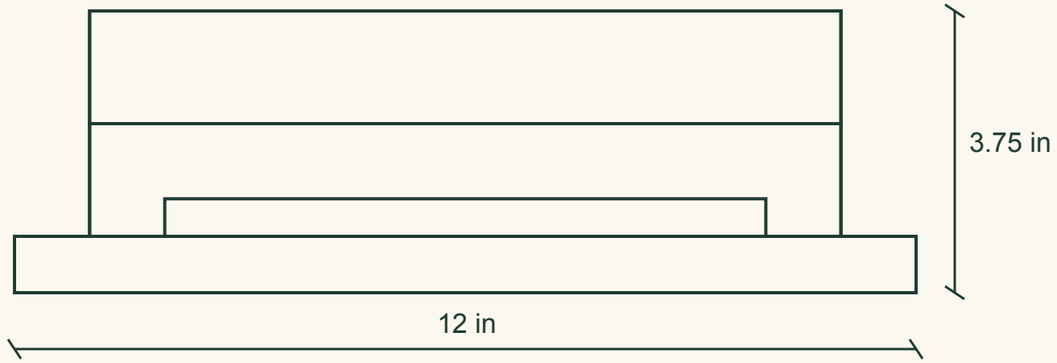
TOP



FRONT



SIDE



Origin is the front-left-bottom outside corner. X is width, Y is depth, Z is height; all written dimensions are inches.

The wooden base and supports are measured. Purchased brushes and tray are outlines only; bristle shape and projection vary. Verify the written side and vertical tray clearances with actual parts. Finish, pads and screw heads are omitted. Build to written sizes, not image scale.

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02 / CUT LIST AND CONNECTION DETAILS

PART	QTY	FINISHED CUT / PURCHASED COMPONENT
B	1	Wide base — 24 × 12 × 0.75 in
R	2	Brush mounting block — 10 × 1.5 × 1.5 in
K	2	Replaceable brush block — Reference 10 × 1.5 × 1.5 in; bristles face the cleaning channel
T	1	Catch tray — Maximum 9.5 × 8 × 0.5 in including rim

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03 / CONNECTIONS AND CRITICAL FEATURES

CONNECTION SCHEDULE

Eight #8 × 1.75-in screws enter from below through 0.75-in plywood: 1-in bite in the 1.5-in blocks. Centers x 6.25/17.75; y 2/4.5/7.5/10 from base front-left. Four brush fixings follow the selected two-point product template; keep them clear of base-screw paths. Four pads are adhesive, not screws. Finish quantity follows its label.

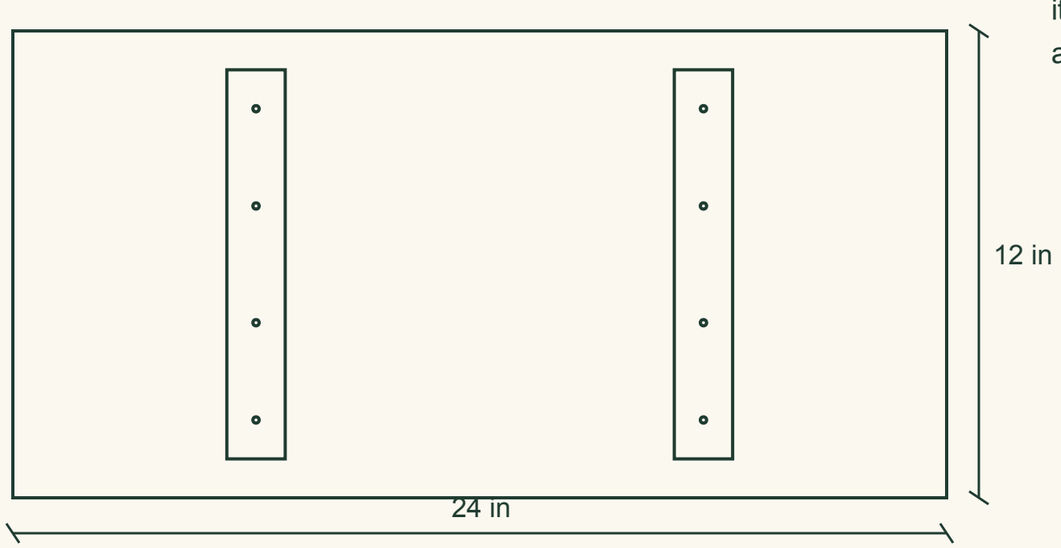
FIT AND LAYOUT CHECK

Base 24 × 12 in. Blocks at x 5.5 and x 17, front ends y 1, leave a 10-in channel. Tray at most 9.5 in wide gives 0.25-in side clearance; max height 0.5 in. Bristles must stay at least 0.75 in above the base for 0.25-in vertical clearance. Slide tray out forward, never up through bristles. Four pads centered 1.5 in from adjacent base edges.

LIMITS

Do not stand on the base or use it for balance. Slip behavior depends on the actual floor, pads and conditions; no rating is asserted.

FEATURE CHECK BEFORE ASSEMBLY

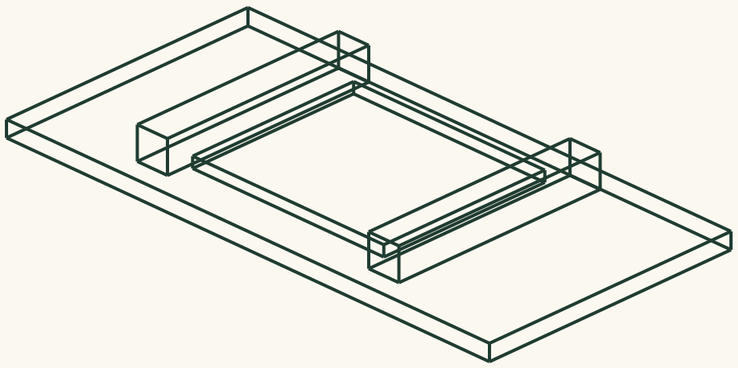


Underside fixing centers align with the two mounting blocks. Each 10-in block has four stations at 1, 3.5, 6.5 and 9 in from its end, centered in its 1.5-in width. Brush product fasteners are separate. Fit and trial on a nonslip surface without relying on it for balance.

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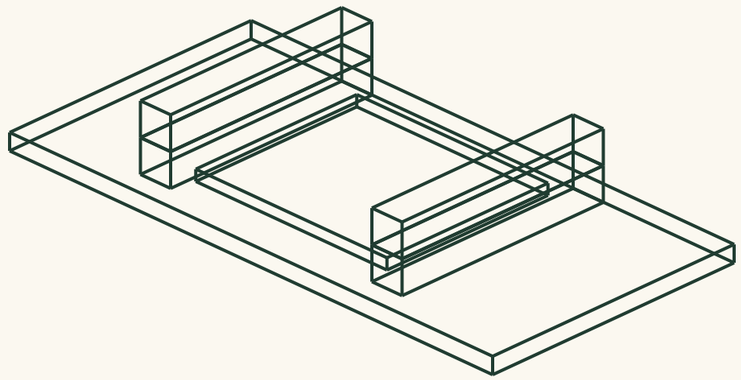
04 / ASSEMBLY STUDIES

STEP 4 / TRIAL BOOT CLEARANCE



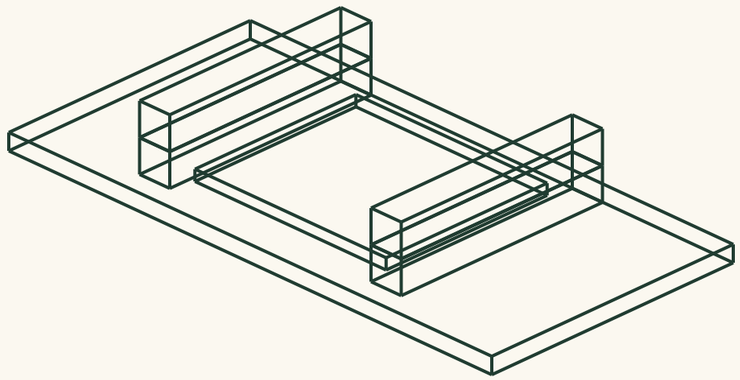
Actual brush projection determines usable clearance.

STEP 7 / FIT REPLACEABLE BRUSHES



Use each brush maker’s attachment template.

STEP 9 / USE SEPARATE SUPPORT



This is not a standing platform or a balance aid.

Original schematic studies show part relationships, not an operator or a photographed build. Use the numbered instructions for workholding, fastening and inspection.