Build the tall twin-door wooden enclosure

P06-03 · V5 REVISION 01 · ILLUSTRATED 01

36 × 24 × 48 inches

914.4 × 609.6 × 1219.2 mm · bare case, width × depth × height



Maple veneer covers the roof, exterior faces, underside, edges, reveals and rear receiver

Two tall laminated acrylic doors with independent hasps, a removable screened roof, fixed central roof rib, inside screen captures and an external receiver for two site restraints. Follow 54 pictured operations with checks before continuing.

Construction holds: received stock/hardware, custom hinge-pad mounting, veneer balance/bond, solid-pad glazing, site restraints, prototype construction, physical tests and qualified review remain open.

Complete illustrated PDF

Read this before cutting

Receive and trial exact products before dependent final cuts. This is P06-03's own 36 × 24 × 48-inch (914.4 × 609.6 × 1219.2 mm) tall case with two-layer laminated doors, six removable-pin hinges and separate front/rear solid neoprene glazing pads. Recalculate affected parts if stock or hardware changes.

Measurement	Reference
Bare case	36 × 24 × 48 in (914.4 × 609.6 × 1219.2 mm)
Reference covered wood	36.061 in (915.95 mm) × 24.061 in (611.15 mm) × 48.061 in (1220.75 mm)
Maximum covered wood	36.092 in (916.74 mm) × 24.092 in (611.94 mm) × 48.092 in (1221.54 mm)
Rear receiver projection	3/4 in (19.05 mm) beyond the rear case; hardware needs additional space
Each fitted bare door	13.20325 in (335.36 mm) × 38.219 in (970.76 mm)
Bare door gaps	Hinge/top/bottom 3/16 in (4.76 mm); latch 5/32 in (3.97 mm)
Minimum finished operating gap	1/16 in (1.59 mm); containment acceptance is separate
Each acrylic pane	Width 10.547 in (267.89 mm); height 36.094 in (916.79 mm); thickness 0.22 in (5.59 mm)
Service allowance	4 in (101.6 mm) above upper pin and 16 in (406.4 mm) in front; enlarge for actual tools/helpers
Complete cured veneer layer	Reference 0.0305 in (0.77 mm); maximum 0.046 in (1.17 mm)

Datums: X starts at outside LEFT, Y at outside FRONT and Z at FLOOR UNDERSIDE, unless a local part edge is named. Exact decimals are retained for fitting. in means inches; mm means millimetres. Hardware projects beyond covered wood.

Tools, terms and workholding

Prepare a padded flat bench, helpers, clamps, straight cauls, tape, square, caliper and marking knife. Use supported saw/router/jigsaw setups, a chisel, block plane, sliding bevel and stopped drills. Mill narrow strips from long supported stock using a guarded carrier or machining service.

Use root-matched pilots, clearance bits, actual 82-degree head seats and fitting Phillips drivers. Two thin hand tools must fit the received locknut and closed cover. Metal needs a vise, supported saw/drill and files. Veneer needs a sharp knife, straightedge, cutting board and supplier-approved scraper. The restraint installation needs the maker’s specified tools and verified wall support.

Wear eye/hearing protection, control dust and ventilate coatings. Protect hands while handling sharp mesh and metal; keep gloves, fingers and loose clothing away from rotating tools. Support the work and waste.

Term	Meaning
Cleat / ledger / column	Screw-receiving strip / horizontal support / vertical bearing support
Stile / rail	Vertical / horizontal frame member
Caul / lamination	Straight board spreading clamp pressure / overlapping layers glued together
Recess / back bevel	Shallow pocket / rear edge sloping inward while front size stays fixed
Pilot / clearance / countersink	Thread-guiding hole / free screw passage / conical flat-head seat
Datum / kerf	Named measuring surface / width removed by a cut
PSA / RH / BOM	Pressure-sensitive adhesive / relative humidity / bill of materials
Neoprene / nylock	Here, plain solid pane cushioning / a nylon-insert locknut

Use the actual-stock worksheet

Record plywood thickness: **t = _____ in / _____ mm**. These equations preserve the bare 36 × 24 × 48-inch (914.4 × 609.6 × 1219.2 mm) case. They assume the accepted front and support sections; changed sections require revision of dependent work.

Part or opening	Equation, inches	Reference
P01 floor and P02 roof	36 × 24	36 × 24 in (914.4 × 609.6 mm)
Side and back height	48 − 2t	46.594 in (1183.49 mm)
Back width	36 − 2t	34.594 in (878.69 mm)
Each front opening width	(36 − 2t − 3 × 2.5) ÷ 2	13.547 in (344.09 mm)
Front opening height	48 − 2t − 5.5 − 2.5	38.594 in (980.29 mm)
Bare leaf width	Measured opening − 3/16 − 5/32	13.20325 in (335.36 mm)
Bare leaf height	Measured opening − 3/16 − 3/16	38.219 in (970.76 mm)
CLB/CLT/CRB/CRT side cleats	24 − t − 4.5	18.797 in (477.44 mm)
CFB/CBB/RF/RB cross members	36 − 2t − 3	31.594 in (802.49 mm)
RC rib length	24 − t − 1.5	21.797 in (553.64 mm)
CC column length	Actual bearing gap; 48 − 2t − 3 − 1.334	42.26 in (1073.4 mm)
Cured glazing contact pocket	Actual pane + both solid pad faces	0.345 in (8.76 mm) reference

Transfer actual bearing gaps with a story stick. Do not round away stock changes or use nominal lumber dimensions for final fitting. Glazing spacer, cured coatings and complete veneer allowances are independent measured inputs.

Find the next operation

1. OP01 · Plan full support, restraints and service space
2. OP02 · Resolve the receiving holds
3. OP03 · Measure and label the received stock
4. OP04 · Prepare safe supported tool setups
5. OP05 · Trial pilots, clearance holes and head seats
6. OP06 · Trial the hinges, bearing pads and hasps
7. OP07 · Make a full-size laminated-door veneer trial
8. OP08 · Trial the solid-pad glazing stack after cure
9. OP09 · Allocate and rough-cut labeled blanks
10. OP10 · Fit the five case panels
11. OP11 · Cut the two roof openings
12. OP12 · Cut matching side ventilation openings
13. OP13 · Fit cleats, ledgers and the bearing column
14. OP14 · Dry-stack the fixed front layers
15. OP15 · Glue and screw the fixed front
16. OP16 · Cut and dry-stack both laminated doors
17. OP17 · Glue and fasten the tall door layers
18. OP18 · Fit bare gaps for all veneer layers
19. OP19 · Bevel each rear latch edge
20. OP20 · Make the spacers, beads and acrylic panes
21. OP21 · Transfer and trial the bead screws
22. OP22 · Cut the roof and side capture battens
23. OP23 · Machine fitted wire reliefs and wood lands
24. OP24 · Cut and identify the three mesh blanks
25. OP25 · Fit and drill the two roof steel strips
26. OP26 · Transfer the flush screen fixing stations

Find the next operation · continued

27. OP27 · Fit retained bolts and closed inside covers
28. OP28 · Assemble the two side captures
29. OP29 · Fit the side and rear cleats
30. OP30 · Fit the back and horizontal ledgers
31. OP31 · Attach the fully supported floor
32. OP32 · Install the cured front and bearing column
33. OP33 · Fit the fixed central roof rib
34. OP34 · Assemble the removable roof capture
35. OP35 · Trial-fit the roof to the complete case
36. OP36 · Make and fit the twelve hinge pads
37. OP37 · Hang the two supported tall doors
38. OP38 · Transfer and fit the independent hasps
39. OP39 · Fit the external restraint receiver
40. OP40 · Rehearse the two external restraint kits
41. OP41 · Check the complete uncoated dry assembly
42. OP42 · Disassemble and label for finishing
43. OP43 · Prepare the wood and approved veneer surfaces
44. OP44 · Preseal and wait for the veneer substrate
45. OP45 · Apply the full exterior face veneer
46. OP46 · Finish every exposed edge and reveal
47. OP47 · Apply the accepted finish and allow full cure
48. OP48 · Reassemble the cured case and captures
49. OP49 · Fit cushions, panes and removable beads
50. OP50 · Refit supported doors and check final gaps
51. OP51 · Install and verify both site restraints
52. OP52 · Commission the optional fixture and containment

Find the next operation · continued

53. OP53 · Service screens, glazing and removable doors

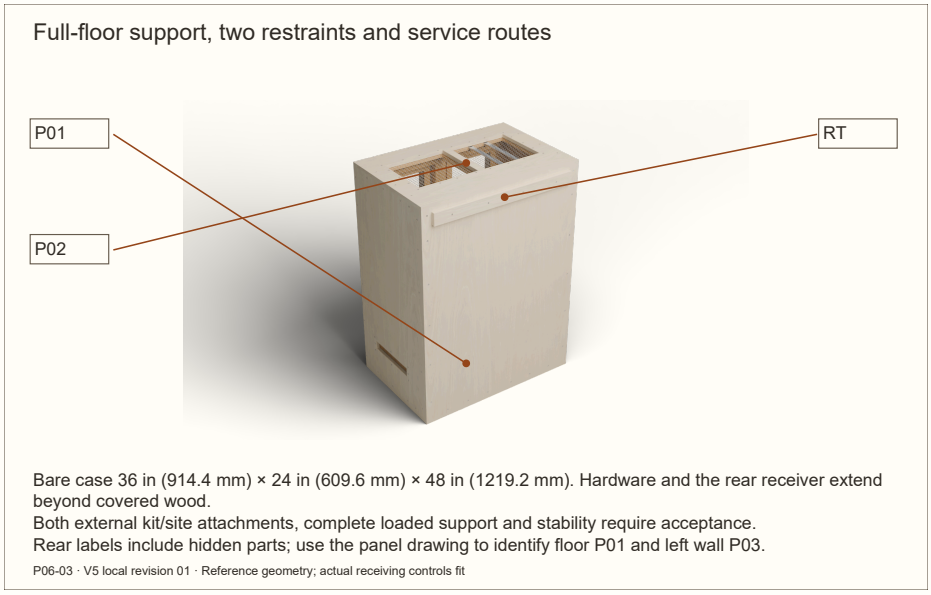
54. OP54 · Record each separate acceptance status

OP01 · Plan full support, restraints and service space

Parts: P01 · Floor; RT · External rear restraint receiver

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: No shell load rating, stacking permission or species approval is provided.



Plan full support, restraints and service space

1. The bare case is 36 in (914.4 mm) wide × 24 in (609.6 mm) deep × 48 in (1219.2 mm) high. Maximum covered wood is 36.092 in (916.74 mm) × 24.092 in (611.94 mm) × 48.092 in (1221.54 mm); the rear receiver adds 3/4 in (19.05 mm) depth and hardware projects farther.

2. Provide level support beneath the entire finished floor. Record actual loaded weight and obtain an assessment of the support, stability and site wall attachment for both external restraints.

3. Reserve both outward door sectors, at least 16 in (406.4 mm) in front and 4 in (101.6 mm) above the upper hinge pin, with extra space for actual hands, tools and helpers. Rehearse roof lifting and a supported door-removal route.

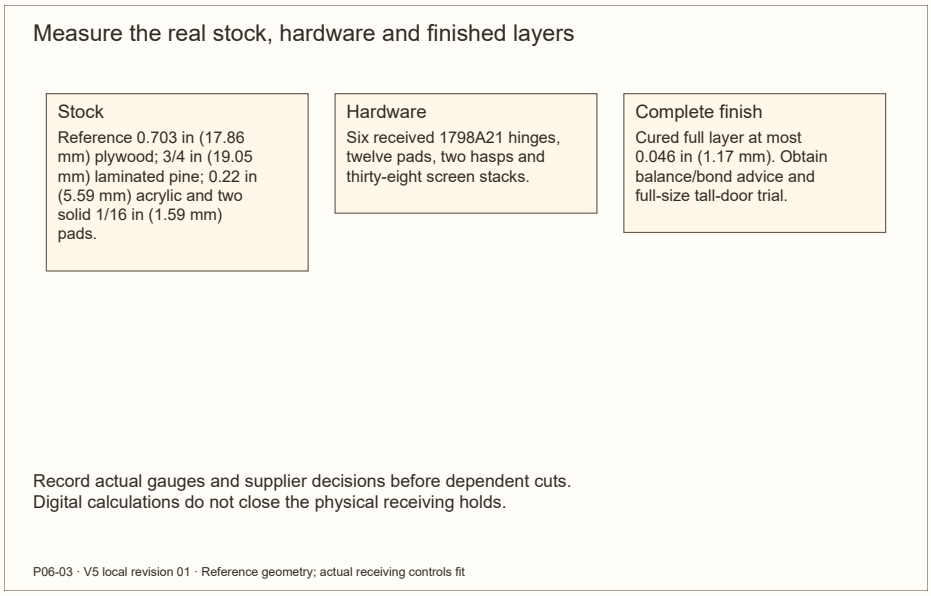
Check before continuing: The support, wall attachment and maintenance routes are recorded.

OP02 · Resolve the receiving holds

Parts: Accepted material samples and the named workshop setup

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: A reference picture or calculation does not close a physical acceptance hold.



Resolve the receiving holds

1. Read H01–H06 before buying or making dependent cuts. Record real measurements and supplier or qualified decisions in the acceptance worksheet.

2. Choose one maple, white-oak or walnut system. Confirm veneer backing, adhesive, balancing method, preseal and finish compatibility. PSA means pressure-sensitive adhesive.

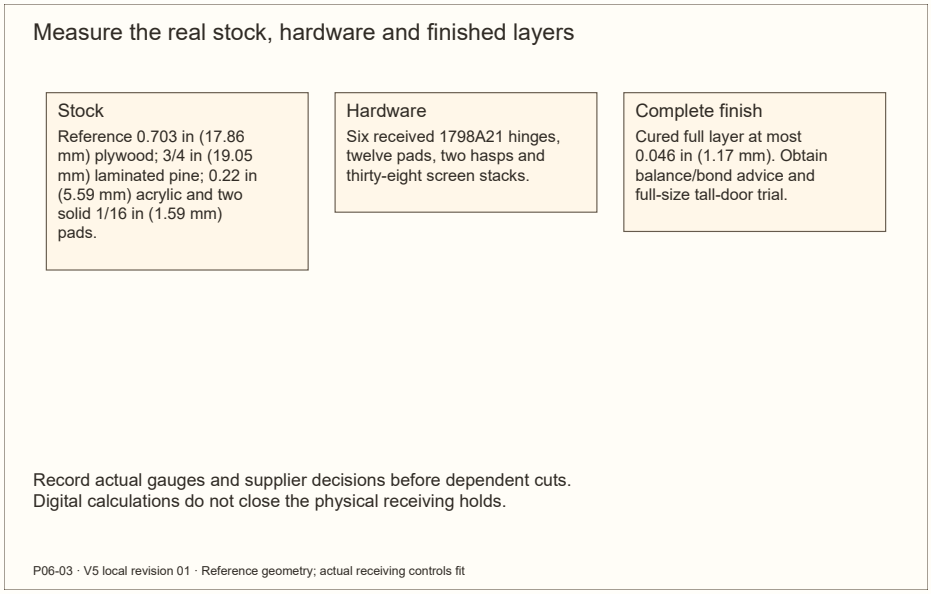
3. Keep the named product identities. A substitution requires revising affected cuts, holes, quantities, pictures and instructions together.

Check before continuing: Every input needed for the next operation is accepted.

OP03 · Measure and label the received stock

Parts: P03 · Left side; FA · Front outer stile; G1 · Door 1 OPTIX pane

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Measure and label the received stock

1. Reference plywood thickness is 0.703 in (17.86 mm). Measure corners and centre of each sheet; cutting plans use a conservative 96 in (2438.4 mm) × 48 in (1219.2 mm) stock area.

2. Verify solid pine at 3/4 in (19.05 mm) × 5 1/2 in (139.7 mm) × 96 in (2438.4 mm) and the separate 1 1/2 in (38.1 mm) square stock. Full-width sill pieces need sound 5 1/2 in (139.7 mm) edges. Check acrylic, plain neoprene, mesh, steel, pads and all hardware.

3. Acclimate as suppliers require. Mark INSIDE, FRONT, LEFT or RIGHT, part ID, grain direction and the measuring corner. Save matching offcuts and reject damaged bearing areas.

Check before continuing: Received gauges, sound edges and datums are recorded.

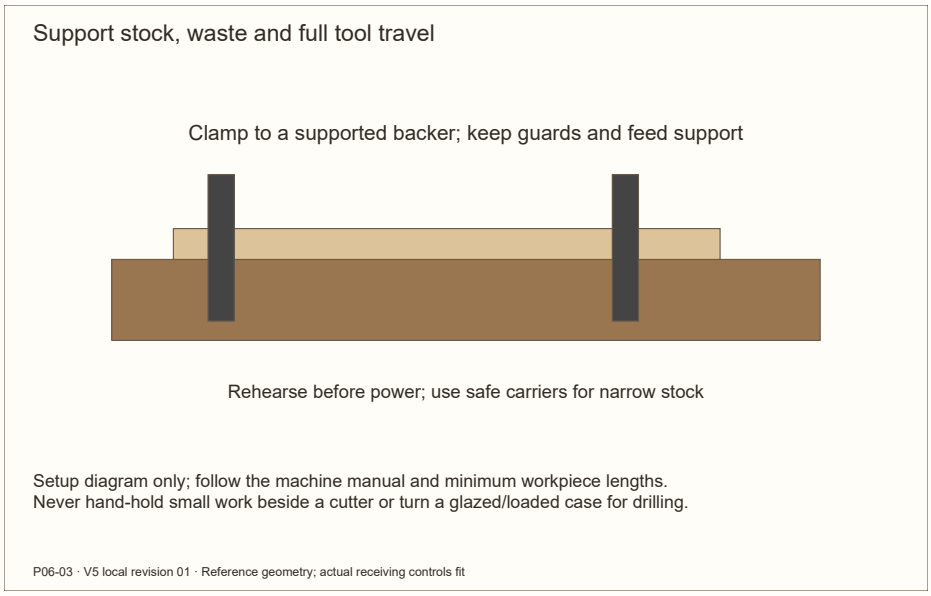
Required wait: Use confirmed material acclimation requirements; no arbitrary duration is assumed.

OP04 · Prepare safe supported tool setups

Parts: Accepted material samples and the named workshop setup

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: Never feed short loose pieces through a planer or trap waste against a blade.



Prepare safe supported tool setups

1. Use a flat padded bench, clamps, straight cauls and supported infeed/outfeed. A caul spreads clamp pressure. Rehearse the largest panel and tall empty-case turn with helpers.

2. Use the actual tool guards, riving knife, push aids and minimum feed lengths. Mill narrow strips from long supported stock with a guarded carrier or use a machining service.

3. Clamp drill/router work and waste to a backer. Disconnect power before setting cutters, guides or depth stops.

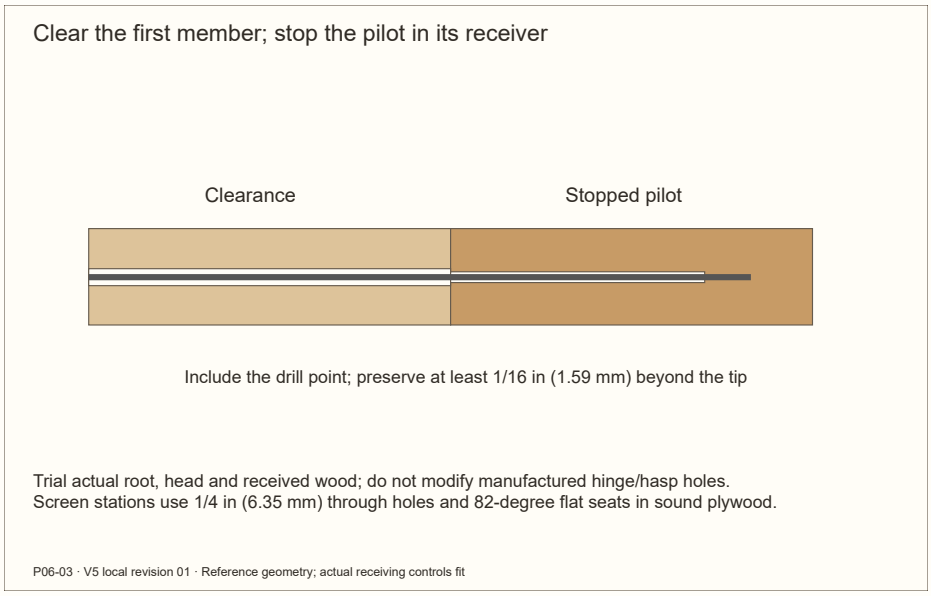
Check before continuing: Every operation has stable support and a safe hand path.

OP05 · Trial pilots, clearance holes and head seats

Parts: Accepted material samples and the named workshop setup

Tools / setup: Stopped drill, fitting countersink, caliper, screws, backer and clamps

Before you begin: Do not enlarge factory hinge or hasp holes to force an unsuitable screw to fit.



Trial pilots, clearance holes and head seats

1. A clearance hole lets the first member pass freely over the screw. A smaller pilot guides its thread in the receiving wood. Trial the actual screw in matching offcuts.

2. Reference #6 clearance/pilot diameters are 5/32 in (3.97 mm) / 3/32 in (2.38 mm); #8 uses 11/64 in (4.37 mm) / 7/64 in (2.78 mm); #10 wood screws use 13/64 in (5.16 mm) / 1/8 in (3.18 mm). Actual root diameter, wood and trial results govern.

3. Screen screws use 1/4 in (6.35 mm) through holes and 82-degree flat-head seats. Include the drill point in stopped depth and retain at least 1/16 in (1.59 mm) sound wood beyond each tip.

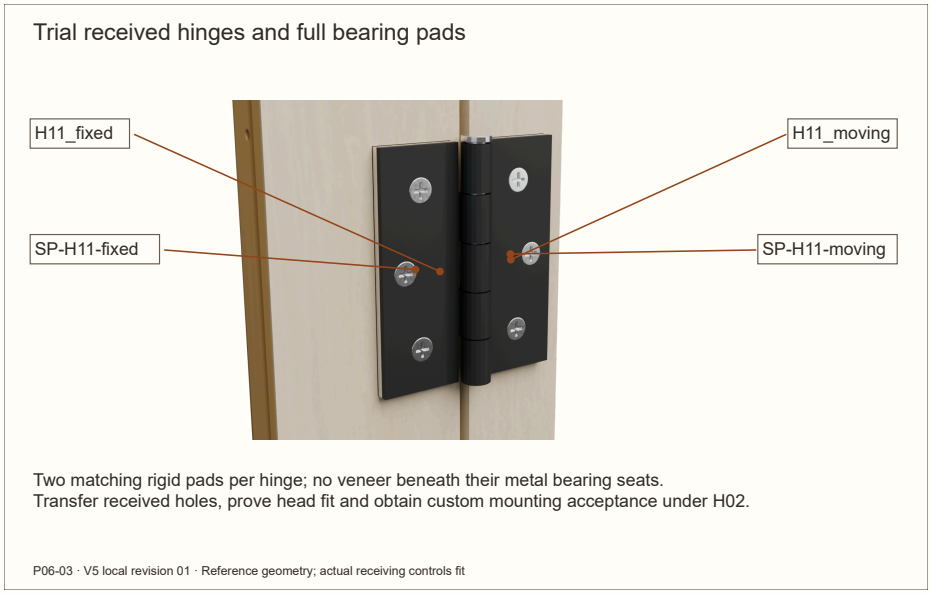
Check before continuing: Heads seat without splits, crushed bearing wood or exposed points.

OP06 · Trial the hinges, bearing pads and hasps

Parts: H11_fixed · 1798A21 fixed leaf with knuckles; H11_moving · 1798A21 moving leaf with knuckles; SP-H11-fixed · Rigid full-leaf bearing pad H11 fixed; SP-H11-moving · Rigid full-leaf bearing pad H11 moving

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: Six hinges are specified; their count is not a proven tall-door weight rating.



Trial the hinges, bearing pads and hasps

1. Trial the exact 1798A21 hinge on matching laminated fixed/moving offcuts, with equal 3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm) rigid aluminium pads. Minimum reference pad thickness is 7/64 in (2.78 mm); custom mounting acceptance remains H02.

2. Keep the barrel forward and the pin removable upward. Transfer actual holes and trial the listed #8 × 1 1/4 in (31.75 mm) heads. Both leaves and pads need full bare-wood bearing and adequate screw engagement.

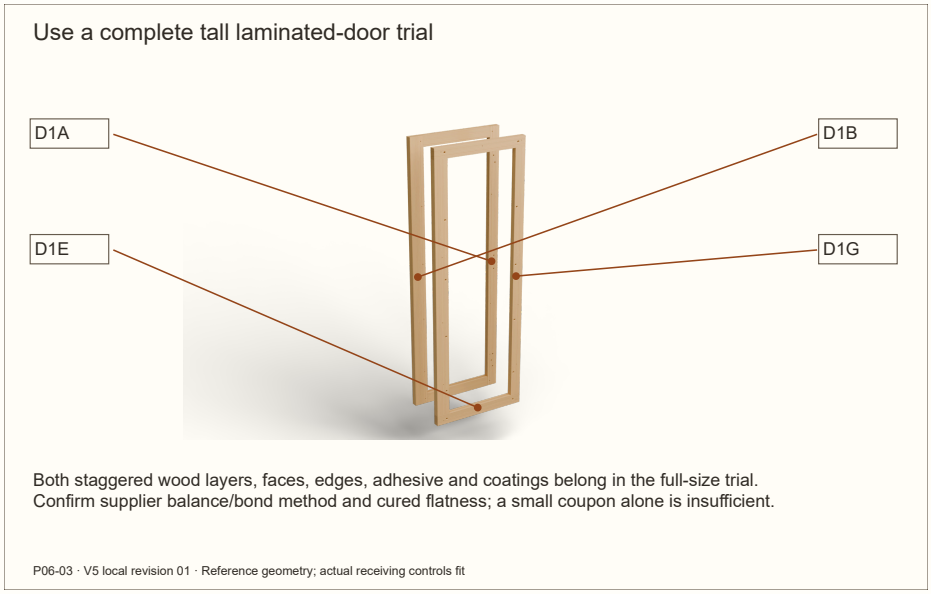
3. Trial each N305-979 narrow base on a moving 2 in (50.8 mm) source latch stile, and its square swivel plate on the fixed 2 1/2 in (63.5 mm) centre member. Account for later trimming and veneer; support every hole and plate.

Check before continuing: Actual seating, margins, head fit, pin path and supported swing are accepted.

OP07 · Make a full-size laminated-door veneer trial

Parts: D1A · Door 1 A; D1B · Door 1 B; D1E · Door 1 E; D1G · Door 1 G

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Make a full-size laminated-door veneer trial

1. Use reserved pine to make a complete representative tall door with both staggered layers. Apply the accepted face, edge, adhesive, sealer and finish system; a small coupon cannot prove full-door balance.

2. Follow supplier balancing, pressure and dwell instructions. Measure the complete cured layer including adhesive and coating: no specified face may exceed 0.046 in (1.17 mm).

3. Record flatness, bond and hardware operation under intended conditions. Any extra balancing layer or changed stock gauge requires a coordinated revision.

Check before continuing: The cured full-size trial remains flat and fits the accepted hardware.

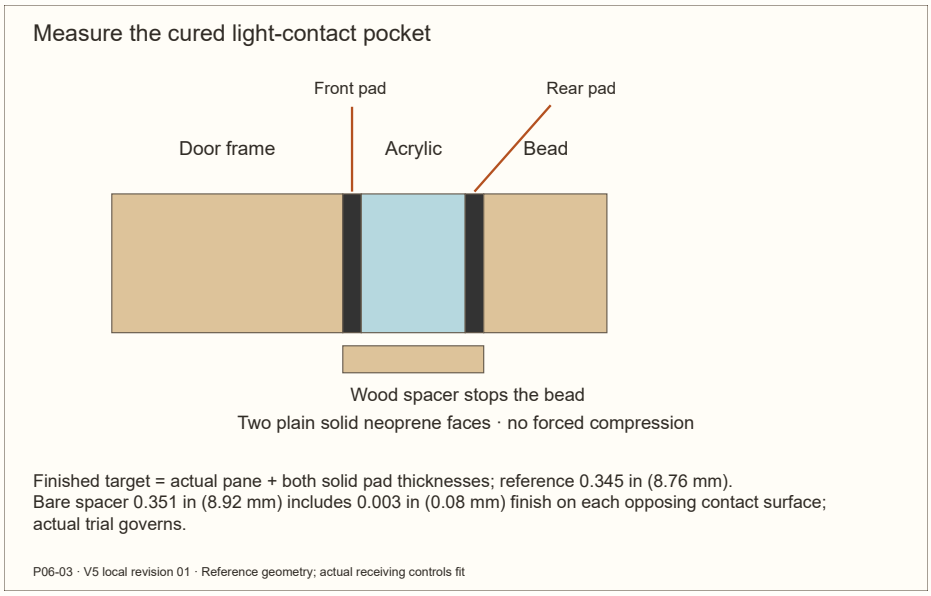
Required wait: Supplier adhesive dwell and full coating cure are separate waits.

OP08 · Trial the solid-pad glazing stack after cure

Parts: Q1L · Door 1 spacer L; B1L · Door 1 retaining bead L; G1 · Door 1 OPTIX pane; N1FL · Door 1 F cushion L; N1RL · Door 1 R cushion L

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: No adhesive foam, forced compression, glued pane or water-seal claim.



Trial the solid-pad glazing stack after cure

1. Build a matching sample with the separate rear spacer and 1/4 in (6.35 mm) retaining bead. Mill from 3/8 in (9.53 mm) rough spacer stock; reference bare depth is 0.351 in (8.92 mm).

2. The finished contact distance must match actual acrylic plus two plain solid neoprene faces. Reference 0.22 in (5.59 mm) pane plus two 1/16 in (1.59 mm) pads totals 0.345 in (8.76 mm); the extra 0.006 in (0.15 mm) bare depth allows 0.003 in (0.08 mm) finish on both opposing wood surfaces.

3. Trial fully cured surfaces with light contact, no bow or forced compression, and 1/8 in (3.18 mm) free pane-edge allowance. Resolve real coating/pad thickness and compatibility before dependent cuts.

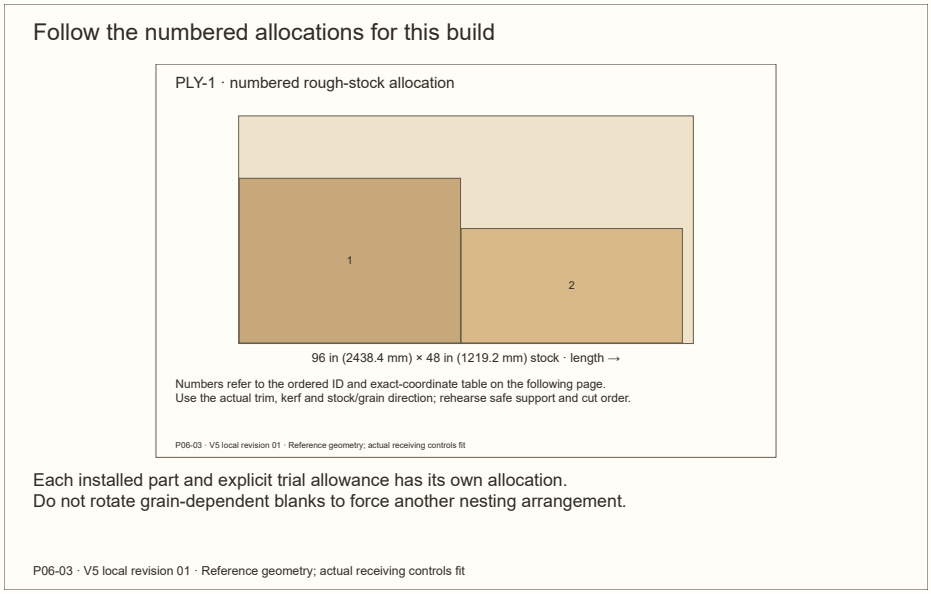
Check before continuing: The bead stops on its wood spacer while the pane remains supported and unbowed.

Required wait: Complete coating cure before measuring the contact fit.

OP09 · Allocate and rough-cut labeled blanks

Parts: P01 · Floor; P02 · Roof; P03 · Left side; P04 · Right side; P05 · Back

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Allocate and rough-cut labeled blanks

1. Follow the numbered stock layouts with their exact coordinates, grain, trim and kerf. The reference wood kerf is 1/8 in (3.18 mm); revise allocation for the actual blade or defective stock.

2. Keep installed blanks separate from two complete trial pine boards, the solid-stock trial and the full-size veneer trial. The full-width sill board has end trim but no spare rip width.

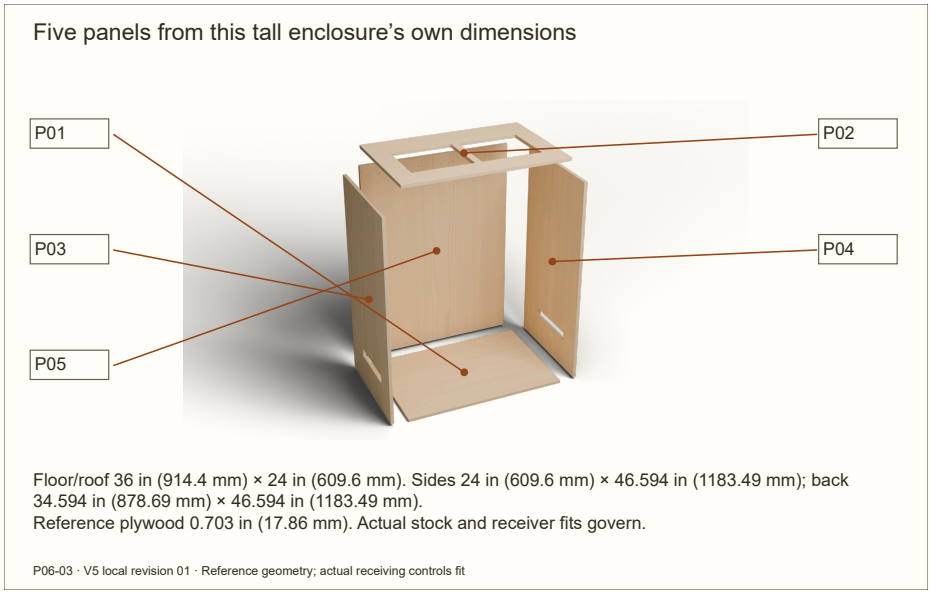
3. Pine strip allocations include 1/8 in (3.18 mm) extra rip width beyond the cut table's pre-fit sizes. Trim to those sizes before final fitting. Make long supported cuts before narrowing strips; label each blank. Exact final decimals govern fitting; rounded tape equivalents are only orientation.

Check before continuing: Every installed part and trial allowance has a feasible assigned blank.

OP10 · Fit the five case panels

Parts: P01 · Floor; P02 · Roof; P03 · Left side; P04 · Right side; P05 · Back

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Fit the five case panels

1. Fit P01 floor and P02 roof at 36 in (914.4 mm) × 24 in (609.6 mm). P03/P04 sides are 24 in (609.6 mm) deep × 46.594 in (1183.49 mm) high between the reference 0.703 in (17.86 mm) floor and roof.

2. Fit P05 back between the actual sides: reference 34.594 in (878.69 mm) wide × 46.594 in (1183.49 mm) high. Transfer the measured clear gaps with a story stick, a strip marked directly from the assembly.

3. Check the bare width/depth/height chains close at 36 in (914.4 mm) / 24 in (609.6 mm) / 48 in (1219.2 mm). Keep joint edges square and remove splinters without rounding the measuring faces.

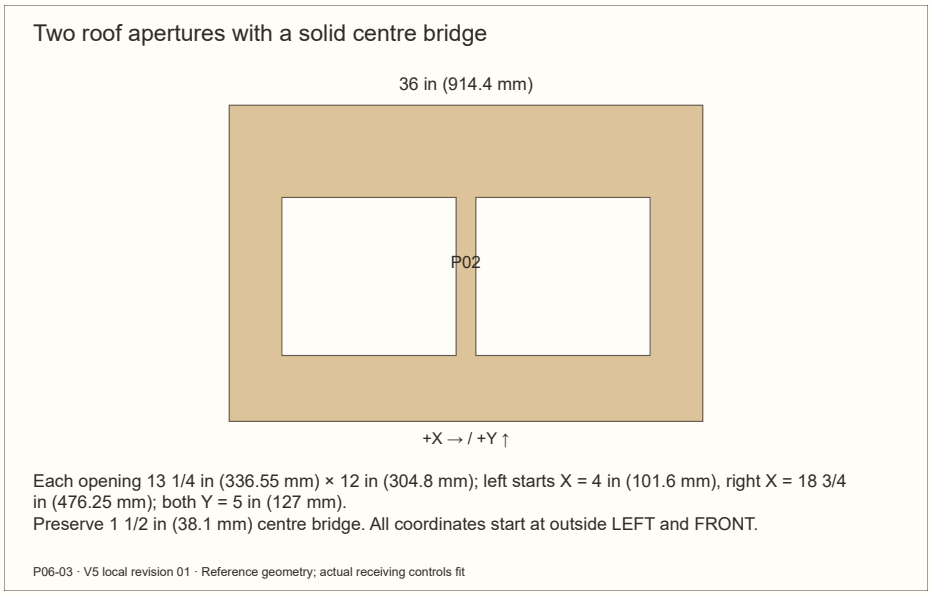
Check before continuing: The dry panels close to the intended bare envelope.

OP11 · Cut the two roof openings

Parts: P02 · Roof

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: Unsupported waste can tear the face, fall or pinch the cutter.



Cut the two roof openings

1. Mark each opening 13 1/4 in (336.55 mm) wide × 12 in (304.8 mm) deep. The left opening starts at X = 4 in (101.6 mm) and Y = 5 in (127 mm); the right starts at X = 18 3/4 in (476.25 mm) and Y = 5 in (127 mm), from outside LEFT and FRONT.

2. Preserve the 1 1/2 in (38.1 mm) centre roof bridge. Clamp both the roof and waste; use supported starter and guided cuts for the actual saw/router.

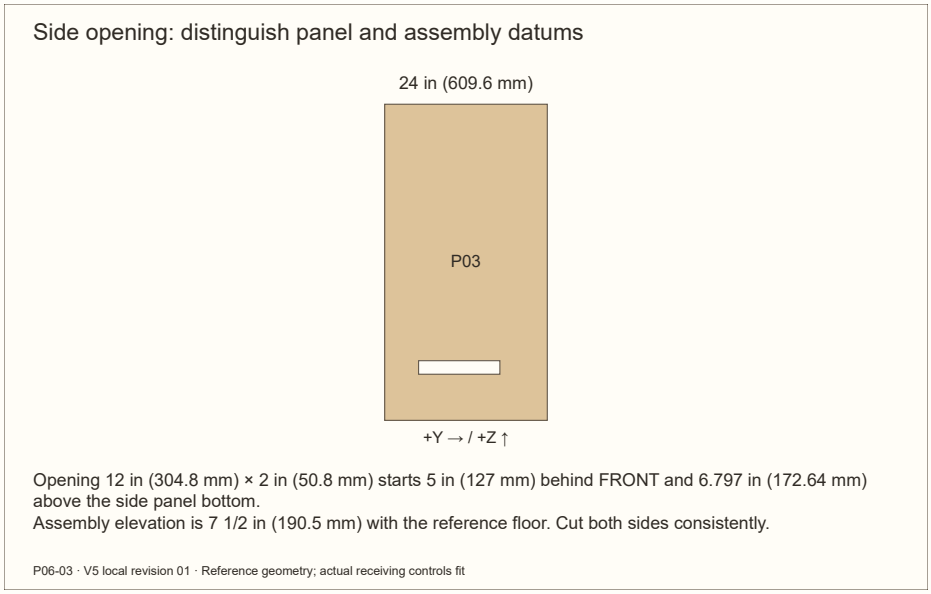
3. Compare diagonals and the two openings. Dry-position the single 29 in (736.6 mm) × 13 in (330.2 mm) mesh blank below both, beginning at X = 3 1/2 in (88.9 mm) and Y = 4 1/2 in (114.3 mm).

Check before continuing: Both openings, border and centre bridge match their own datums.

OP12 · Cut matching side ventilation openings

Parts: P03 · Left side; P04 · Right side

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Cut matching side ventilation openings

1. Mark each 12 in (304.8 mm)-long × 2 in (50.8 mm)-high opening, starting 5 in (127 mm) behind the side FRONT edge and 6.797 in (172.64 mm) above the panel bottom.

2. With the reference floor fitted, the opening bottom is 7 1/2 in (190.5 mm) above floor underside. Keep panel-local and assembly datums distinct.

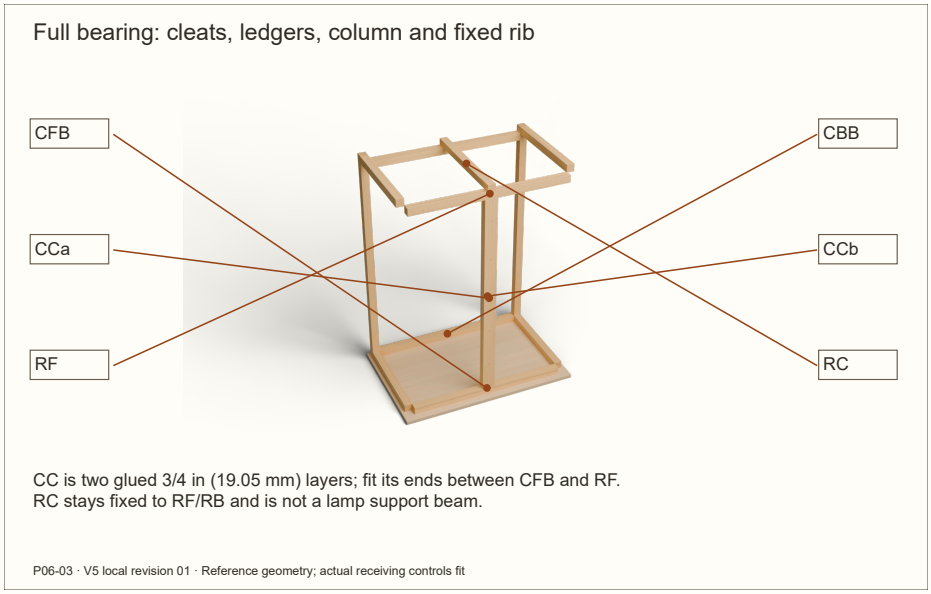
3. Support the waste during cutting. Compare paired sides and dry-position each revised 13 in (330.2 mm) × 3 1/2 in (88.9 mm) mesh blank and four inside battens.

Check before continuing: The two apertures and mesh overlaps agree.

OP13 · Fit cleats, ledgers and the bearing column

Parts: CLB · L side B cleat; CRB · R side B cleat; CFB · F floor cleat; CBB · B floor cleat; RF · F roof ledger; RB · B roof ledger; CCa · Front bearing column layer A; CCb · Front bearing column layer B; RC · Roof centre rib

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Fit cleats, ledgers and the bearing column

1. A cleat receives joint screws; a ledger supports a horizontal member. Fit the named 1 1/2 in (38.1 mm) square pine cleats and ledgers to their actual gaps. Use the complete cut schedule.

2. Glue two 2 1/2 in (63.5 mm)-wide × 3/4 in (19.05 mm)-thick CC layers into a 1 1/2 in (38.1 mm)-deep column. Reference length is 42.26 in (1073.4 mm) between the front floor cleat and RF ledger. Fit actual bearings without gaps.

3. RC is the fixed central roof rib, reference 21.797 in (553.64 mm) long × 1 1/2 in (38.1 mm) wide × 1.334 in (33.88 mm) high before its screen relief. Keep it distinct from the removable roof captures and optional fixture strips.

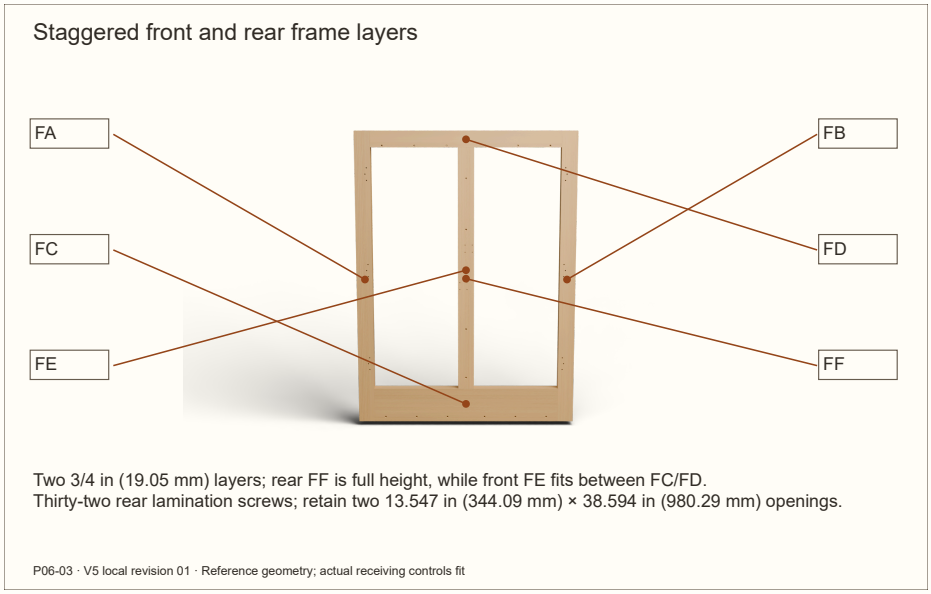
Check before continuing: Every intended bearing fits fully without a hidden short part.

Required wait: Keep the laminated column clamped for the maker-required period: stressed joints require 24 hours. Do not stress it for at least 24 hours; allow longer when conditions require. Use the glue conditions explained in OP15.

OP14 · Dry-stack the fixed front layers

Parts: FA · Front outer stile; FB · Front outer stile; FC · Front sill rail; FD · Front head rail; FE · Front centre stile; FF · Rear centre stile

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Dry-stack the fixed front layers

1. Front FA/FB are full-height outer stiles, the vertical members. Fit FC sill and FD header between them; FE fills between those rails at centre.

2. The rear layer staggers the joints: FF is full height at centre, FGL/FGR are sill halves and FHL/FHR header halves, with FI/FJ between the rear rails.

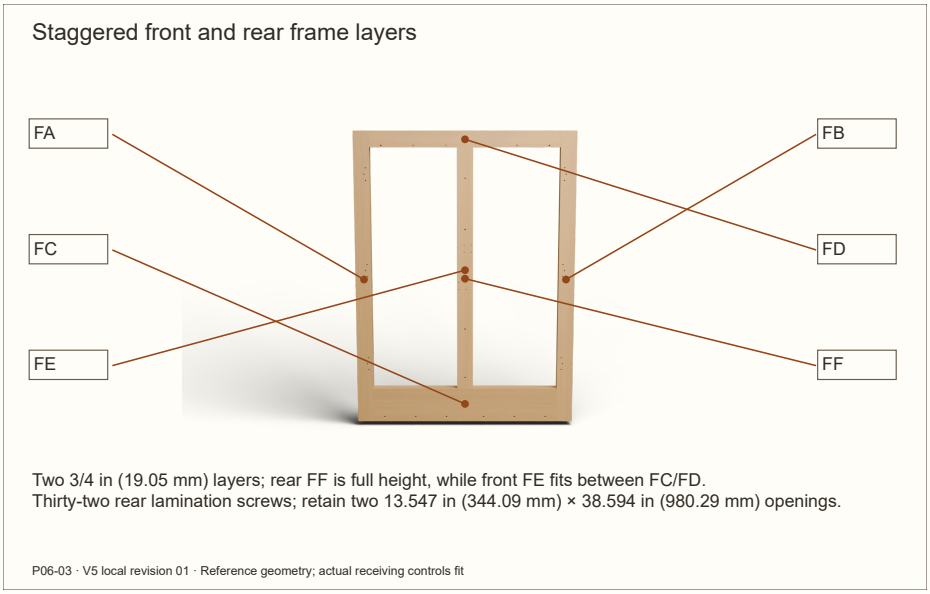
3. Dry-stack square and flush on a flat bench. Each opening is reference 13.547 in (344.09 mm) wide × 38.594 in (980.29 mm) high. Label the layer and orientation before separating.

Check before continuing: The two flush openings are square and all joints overlap correctly.

OP15 · Glue and screw the fixed front

Parts: FA · Front outer stile; FB · Front outer stile; FC · Front sill rail; FD · Front head rail; FE · Front centre stile; FF · Rear centre stile

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Glue and screw the fixed front

1. Apply Titebond III only to clean bare mating faces. Use the maker spread and working time; the conservative application minimum is 47°F (8.3°C).

2. Clamp both layers flat and square with cauls. Install the 32 rear-entry #8 × 1 1/4 in (31.75 mm) frame-lamination screws at their station coordinates; clear the rear layer and stop the pilot in the front layer.

3. Remove squeeze-out from later pane, veneer and hardware areas. Recheck diagonals and flatness before leaving the assembly clamped.

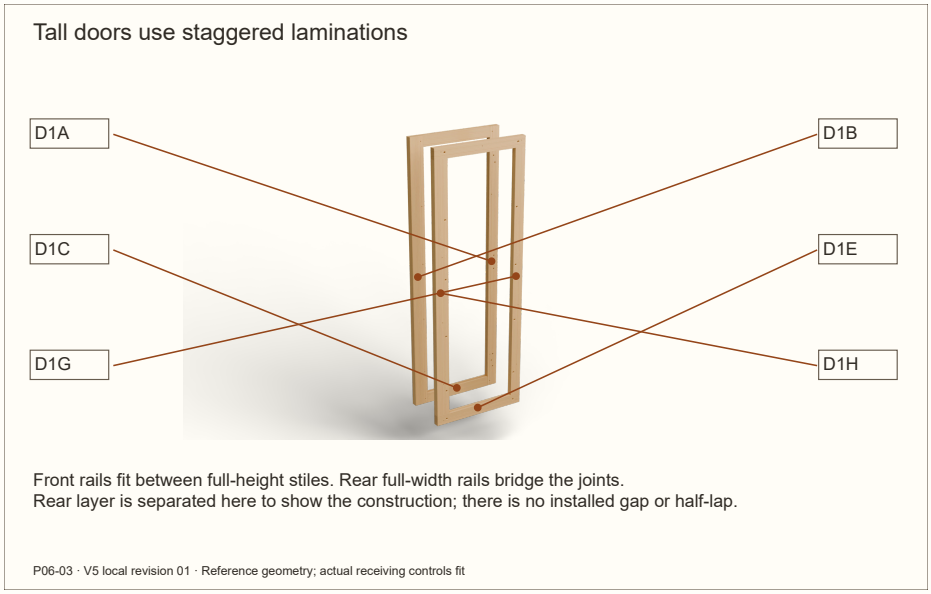
Check before continuing: All overlapping joints seat, screw tips are buried and the frame remains flat.

Required wait: Maker guidance: 30–60 minutes clamping for unstressed joints; stressed joints require 24 hours. Do not stress these assemblies for at least 24 hours; cold conditions can require longer.

OP16 · Cut and dry-stack both laminated doors

Parts: D1A · Door 1 A; D1B · Door 1 B; D1C · Door 1 C; D1D · Door 1 D; D1E · Door 1 E; D1F · Door 1 F; D1G · Door 1 G; D1H · Door 1 H

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Cut and dry-stack both laminated doors

1. Each door uses two 3/4 in (19.05 mm) pine layers. Front rails C/D fit between full-height A/B stiles. Rear full-width rails E/F bridge those joints; short rear stiles G/H fit between them.

2. Keep the 2 in (50.8 mm) latch stile at centre and 1 1/2 in (38.1 mm) hinge stile outside. Mirror that relationship on Door 2. These are staggered laminations, not half-laps.

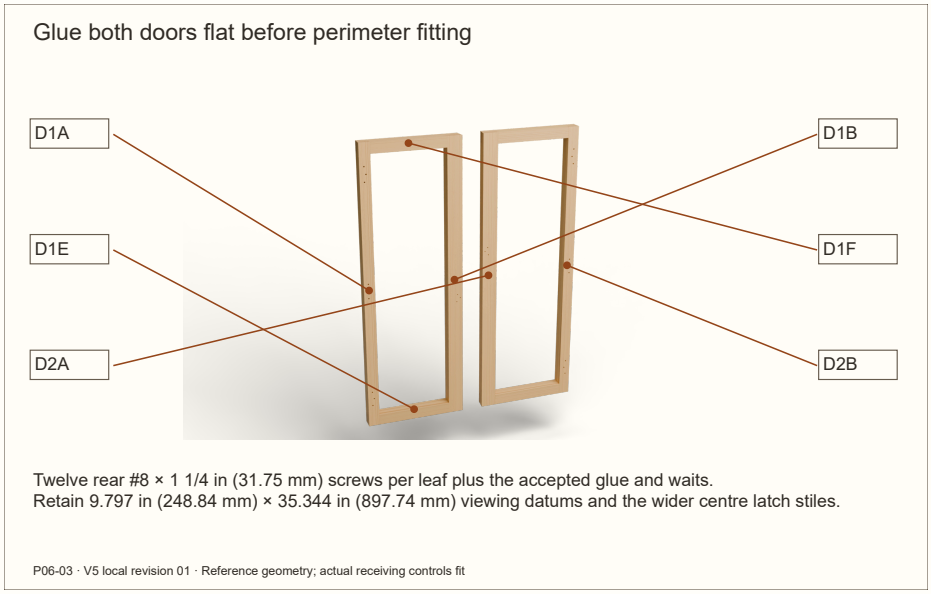
3. Dry-stack the original 13.297 in (337.74 mm) × 38.344 in (973.94 mm) outside frame with its 9.797 in (248.84 mm) × 35.344 in (897.74 mm) viewing opening. Fit the outside perimeter only after glue cure.

Check before continuing: Both layer stacks are square, flush and correctly handed.

OP17 · Glue and fasten the tall door layers

Parts: D1A · Door 1 A; D1B · Door 1 B; D1E · Door 1 E; D1F · Door 1 F; D2A · Door 2 A; D2B · Door 2 B

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Glue and fasten the tall door layers

1. Glue the bare mating layers and clamp each frame flat on cauls. Compare diagonals without forcing a twisted member into position.

2. Install twelve #8 × 1 1/4 in (31.75 mm) rear-entry lamination screws per leaf at the listed DL stations. Make rear clearance holes and stopped pilots with the pane absent.

3. Clear squeeze-out from future contacts. Keep viewing opening datums and the wide centre latch stiles unchanged.

Check before continuing: Each complete leaf stays flat, with seated overlapping joints and buried tips.

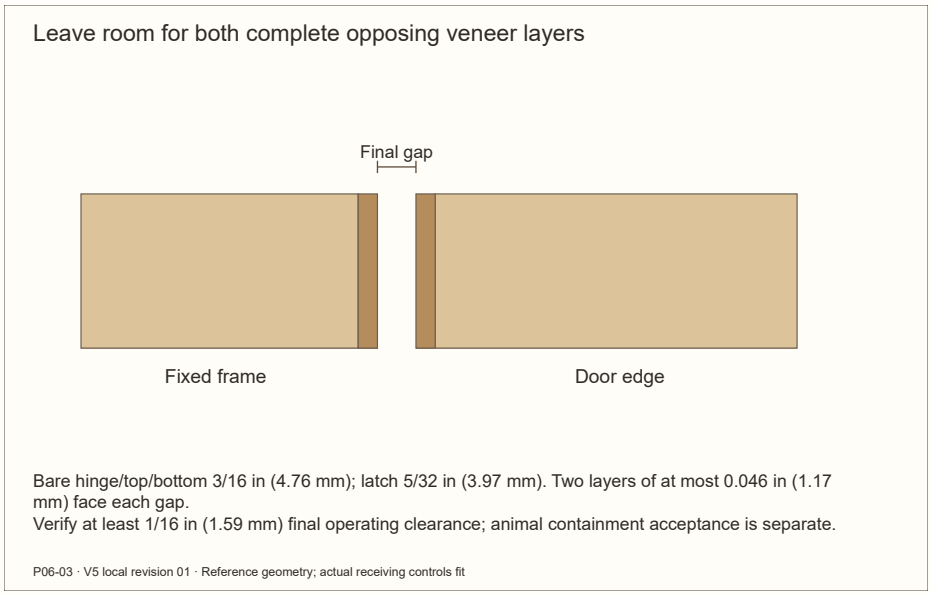
Required wait: Keep the confirmed clamp and 24-hour minimum no-stress wait before trimming or hanging.

OP18 · Fit bare gaps for all veneer layers

Parts: D1A · Door 1 A; D1B · Door 1 B; D1E · Door 1 E; D1F · Door 1 F; FE · Front centre stile

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: The unmodified source 1/8 in (3.18 mm) gaps do not provide sufficient full-veneer allowance.



Fit bare gaps for all veneer layers

1. After cure, remove 1/16 in (1.59 mm) from the original hinge edge and each top/bottom edge, and 1/32 in (0.79 mm) from the latch edge. Preserve the viewing and rear-glazing datums.

2. Reference fitted bare leaves are 13.20325 in (335.36 mm) wide × 38.219 in (970.76 mm) high. Fit actual openings for 3/16 in (4.76 mm) hinge/top/bottom gaps and 5/32 in (3.97 mm) latch gaps.

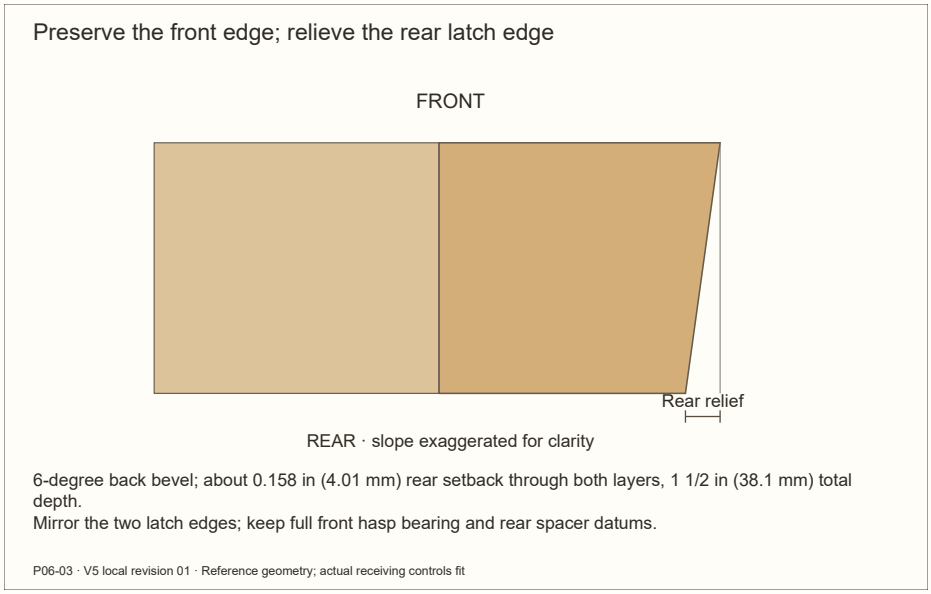
3. Two maximum 0.046 in (1.17 mm) opposing finished layers leave 0.06425 in (1.63 mm) at the latch. Verify at least 1/16 in (1.59 mm) final gap everywhere, with separate animal containment acceptance.

Check before continuing: The bare perimeter allows the complete accepted veneer and finish.

OP19 · Bevel each rear latch edge

Parts: D1B · Door 1 B; D1H · Door 1 H; D2A · Door 2 A; D2G · Door 2 G

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Bevel each rear latch edge

1. A back bevel slopes inward at the rear while preserving the front edge. Trial a 6-degree bevel on the left door’s right edge and the right door’s left edge.

2. Across the full 1 1/2 in (38.1 mm) depth, reference rear setback is about 0.158 in (4.01 mm). Preserve the laminated bond, front size, hasp bearing and glazing spacer positions.

3. Dry-swing supported leaves on accepted hardware. Later cover each sloping edge with its own veneer strip and trim it without bridging a joint.

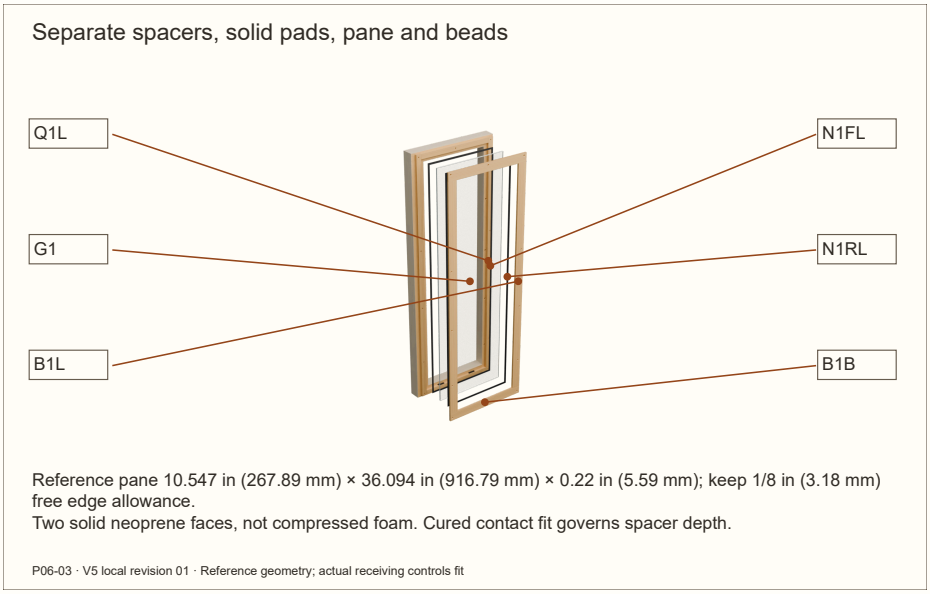
Check before continuing: The rear latch edges clear without shortening the front faces.

OP20 · Make the spacers, beads and acrylic panes

Parts: Q1L · Door 1 spacer L; Q1B · Door 1 spacer B; B1L · Door 1 retaining bead L; B1B · Door 1 retaining bead B; G1 · Door 1 OPTIX pane

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: Thin milling needs a guarded carrier or machining service, not short loose feeds.



Make the spacers, beads and acrylic panes

1. Mill supported long pine stock before ripping: spacers are 3/4 in (19.05 mm) wide and begin at 3/8 in (9.53 mm) rough thickness; beads are 1 1/4 in (31.75 mm) wide × 1/4 in (6.35 mm) thick. Use the accepted cured-stack depth.

2. Each reference pane is 10.547 in (267.89 mm) wide × 36.094 in (916.79 mm) high × 0.22 in (5.59 mm) thick. Confirm its actual pocket is 1/4 in (6.35 mm) larger overall in each direction, leaving 1/8 in (3.18 mm) at each edge.

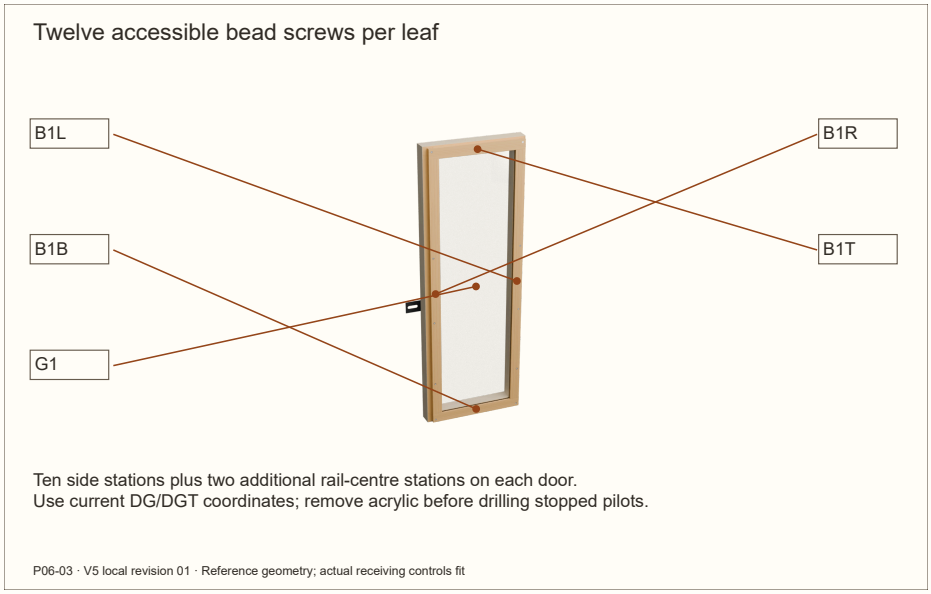
3. Keep acrylic masking while cutting on a supported setup recommended by its maker. Clean debris with compatible products. Never drill through the pane.

Check before continuing: The correctly labeled panes fit freely inside their spacer frames.

OP21 · Transfer and trial the bead screws

Parts: Q1L · Door 1 spacer L; Q1R · Door 1 spacer R; B1L · Door 1 retaining bead L; B1R · Door 1 retaining bead R; B1B · Door 1 retaining bead B; B1T · Door 1 retaining bead T

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Transfer and trial the bead screws

1. Lay the supported door rear upward. Dry-fit spacers, actual solid pads and pane, then fit beads so their wood faces stop on the spacer faces.

2. Each leaf has ten side stations and two additional centre rail stations: twelve #6 × 1 1/4 in (31.75 mm) screws per door, twenty-four total. Use DG/DGT station coordinates.

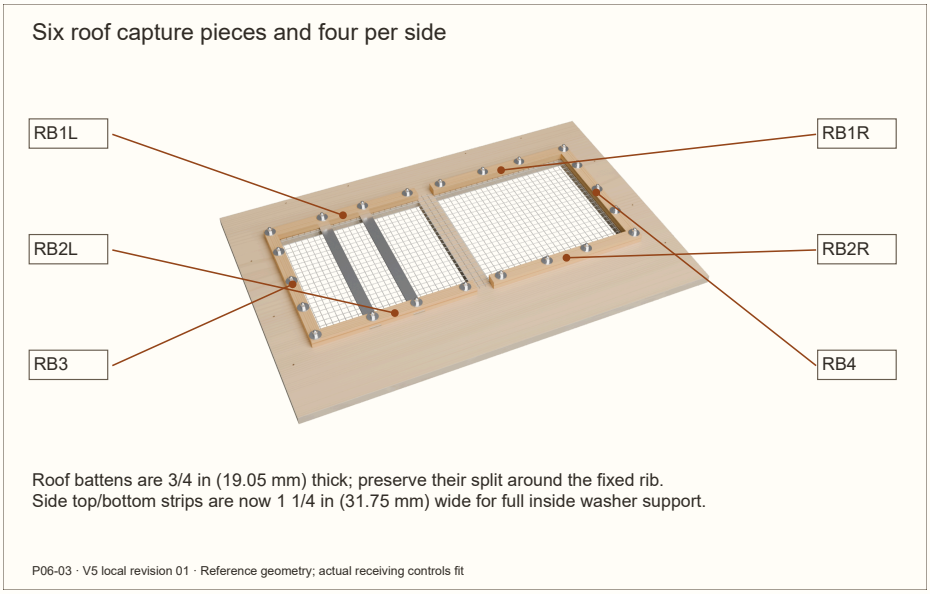
3. Remove the pane before drilling. Countersink the bead, clear the first members and stop the receiver pilot. Trial light contact, free edges and later pane removal without glue.

Check before continuing: All bead screws are accessible and the pane remains unbowed.

OP22 · Cut the roof and side capture battens

Parts: RB1L · Roof capture batten; RB1R · Roof capture batten; RB2L · Roof capture batten; RB2R · Roof capture batten; RB3 · Roof capture batten; RB4 · Roof capture batten

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Cut the roof and side capture battens

1. Cut the six 3/4 in (19.05 mm)-thick roof battens to the schedule, keeping the left steel-bearing halves distinct. Leave the centre split around fixed rib RC.

2. Each side has two 14 in (355.6 mm)-long × 1 1/4 in (31.75 mm)-wide lower/upper battens and two 2 in (50.8 mm)-long × 1 in (25.4 mm)-wide end battens. The wider outer strips preserve full washer bearing at revised drill positions.

3. Dry-position each piece against its own opening. Mark the plywood-facing face before machining its wire relief.

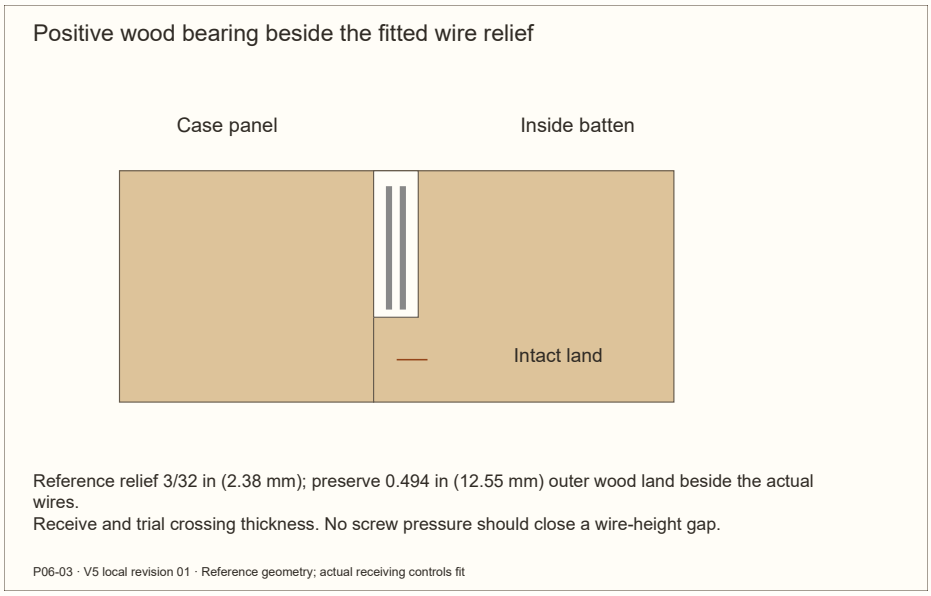
Check before continuing: All capture parts have the correct IDs, handed positions and full overlap.

OP23 · Machine fitted wire reliefs and wood lands

Parts: RB1L · Roof capture batten; RB3 · Roof capture batten; VLB · L vent capture B; VLF · L vent capture F; RC · Roof centre rib

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: Actual wire/crossing thickness controls this dependent cut; H03 remains open.



Machine fitted wire reliefs and wood lands

1. Measure actual welded crossing thickness. Reference relief is 3/32 in (2.38 mm) deep; it must clear the real wires while the outer wood lands seat directly against the case.

2. Route the specified partial-width reliefs with the piece clamped to a carrier/backer. Preserve the 0.494 in (12.55 mm) reference outer wood land. Do not groove away the entire bearing face.

3. Relieve the middle of RC under the crossing cloth but retain its solid end roof bearings. Trial every batten and rib interface with received mesh; no screw pressure should close a wire-height gap.

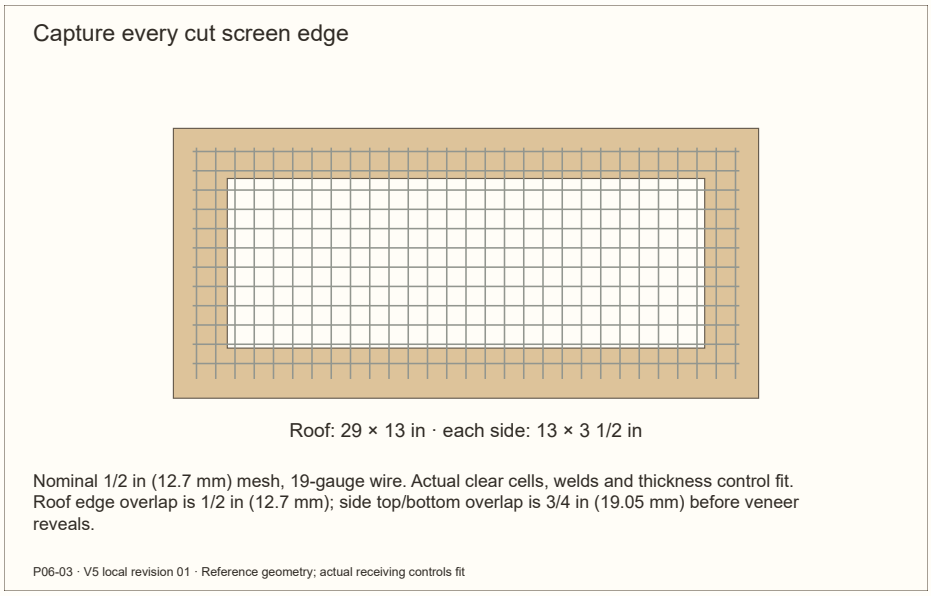
Check before continuing: All wood lands seat positively and no wire is crushed.

OP24 · Cut and identify the three mesh blanks

Parts: M01 · Roof mesh blank; ML · L vent mesh; MR · R vent mesh

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: Wear suitable hand/eye protection for sharp mesh; keep gloves away from powered rotating tools.



Cut and identify the three mesh blanks

1. Cut roof M01 at 29 in (736.6 mm) × 13 in (330.2 mm). Cut ML/MR side blanks at 13 in (330.2 mm) × 3 1/2 in (88.9 mm); keep each flat and square without damaged welds.

2. Remove projecting sharp ends where the finished captured edge requires it. Keep the specified overlaps and register the actual grid against the station plan.

3. Reference 0.541 in (13.74 mm) pitch and 0.041 in (1.04 mm) wire describe nominal 1/2 in (12.7 mm) clear cells. Real cloth can differ; do not drill through a welded wire to force the drawing to fit.

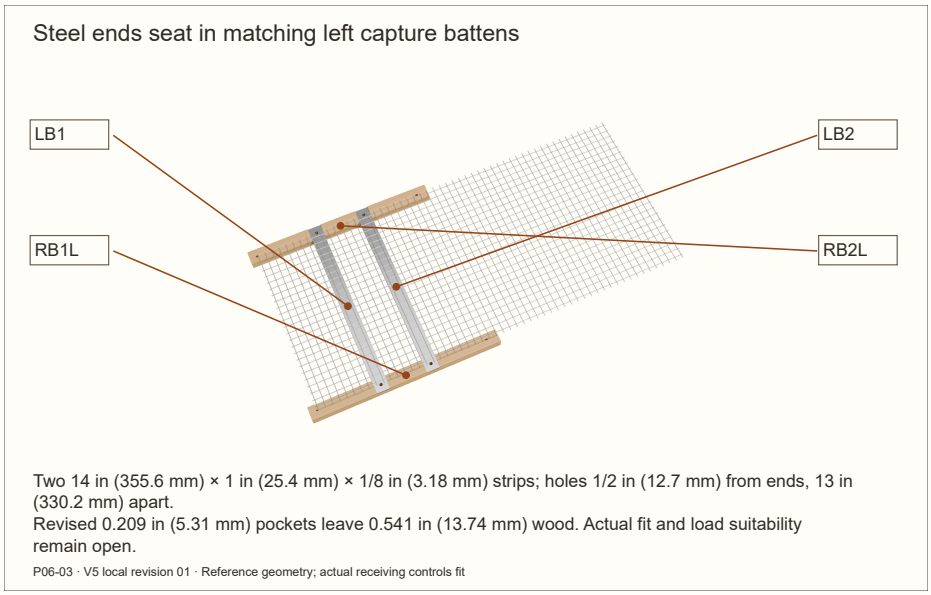
Check before continuing: Mesh fits each relief with captured edges and clear planned screw passages.

OP25 · Fit and drill the two roof steel strips

Parts: LB1 · Steel strip below the left lamp area; LB2 · Steel strip below the left lamp area; RB1L · Roof capture batten; RB2L · Roof capture batten

Tools / setup: Metal vise, supported saw/drill, 1/4-inch bit, files and caliper

Before you begin: Reference strip geometry is not a tested roof or fixture load rating.



Fit and drill the two roof steel strips

1. Cut two 14 in (355.6 mm) × 1 in (25.4 mm) × 1/8 in (3.18 mm) solid steel strips from the named bar. Deburr faces and ends; transfer two 1/4 in (6.35 mm) holes 1/2 in (12.7 mm) from each end, 13 in (330.2 mm) apart.

2. The revised strip centre axes are X = 8.262 in (209.85 mm) and 12.049 in (306.04 mm). Transfer those positions together to the matching left battens and roof stations.

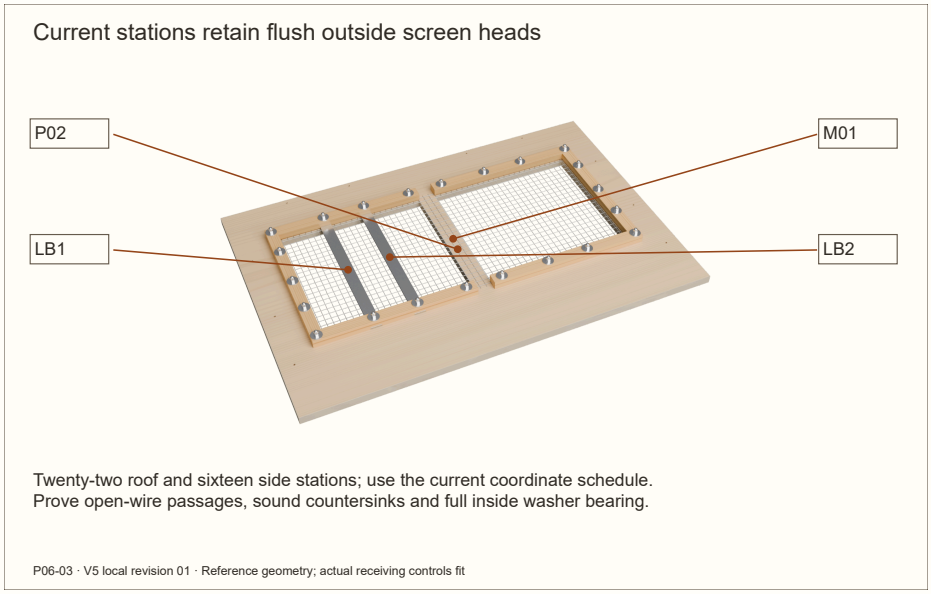
3. Mill the received steel end seats to maintain its reference top elevation. Revised reference pockets are 0.209 in (5.31 mm) deep, leaving 0.541 in (13.74 mm) wood beneath; this remaining section needs physical/qualified acceptance.

Check before continuing: Both strips seat fully without rocking and the four bolt paths align.

OP26 · Transfer the flush screen fixing stations

Parts: P02 · Roof; P03 · Left side; P04 · Right side; M01 · Roof mesh blank; ML · L vent mesh; MR · R vent mesh

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Transfer the flush screen fixing stations

1. Clamp each real capture stack and transfer the current station coordinates: twenty-two roof and eight per side. Original IDs are labels; use their current X/Y/Z values.

2. Prove every 1/4 in (6.35 mm) passage clears an open wire cell and every inside 1 in (25.4 mm) washer seats completely on wood. The roof steel positions move with the revised axes.

3. Drill with backing, then trial 82-degree flat seats from outside in sound plywood. Leave a veneer service opening around each head; the head must bear in wood, not soft veneer.

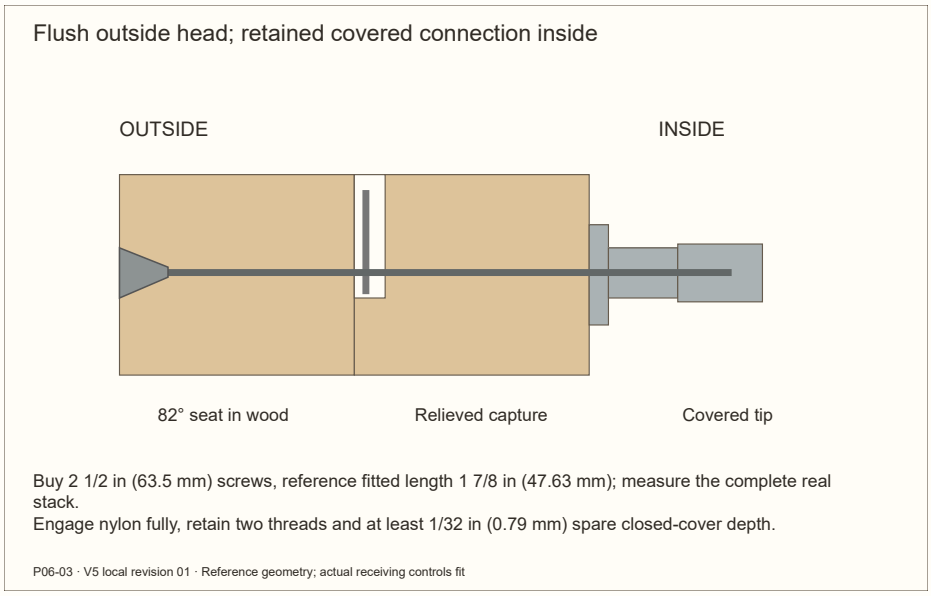
Check before continuing: All thirty-eight passages, outside seats and inside bearing areas agree.

OP27 · Fit retained bolts and closed inside covers

Parts: Accepted material samples and the named workshop setup

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: A cover is not a substitute for the locknut. No torque or clamp-load value is assumed.



Fit retained bolts and closed inside covers

1. Buy #10-24 × 2 1/2 in (63.5 mm) flat-head screws. Reference fitted length is 1 7/8 in (47.63 mm) for the 1.453 in (36.91 mm) wood grip, inside washer, nylon locknut and closed cover.

2. Measure actual washer, locknut and cap depth before cutting. Fully engage nylon, leave at least two complete threads beyond it, and keep at least 1/32 in (0.79 mm) unused blind depth in the seated cover.

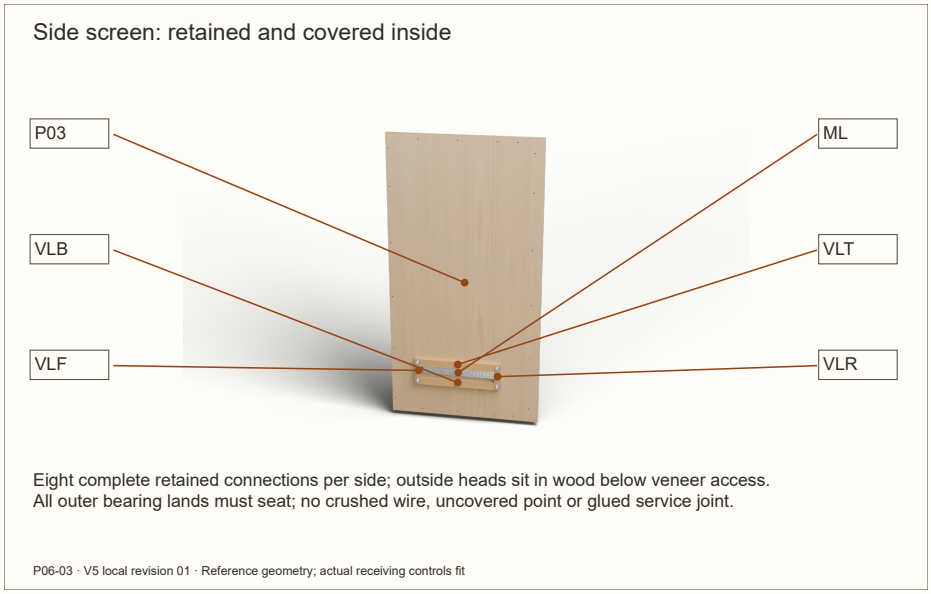
3. Trial on an offcut. Hold securely for trimming, deburr and clean threads; retain the locknut while seating the cover. Use two fitting hand tools and verify access.

Check before continuing: The cover seats without bottoming and no thread remains exposed.

OP28 · Assemble the two side captures

Parts: P03 · Left side; ML · L vent mesh; VLB · L vent capture B; VLT · L vent capture T; VLF · L vent capture F; VLR · L vent capture R

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Assemble the two side captures

1. Lay each side exterior down on protection. Seat the mesh in its relief and fit all four inside battens with intact wood lands against the panel.

2. Insert the eight flush outside screws and install inside washers, nylon locknuts and fitted closed covers. Keep the actual wire uncut at each screw axis.

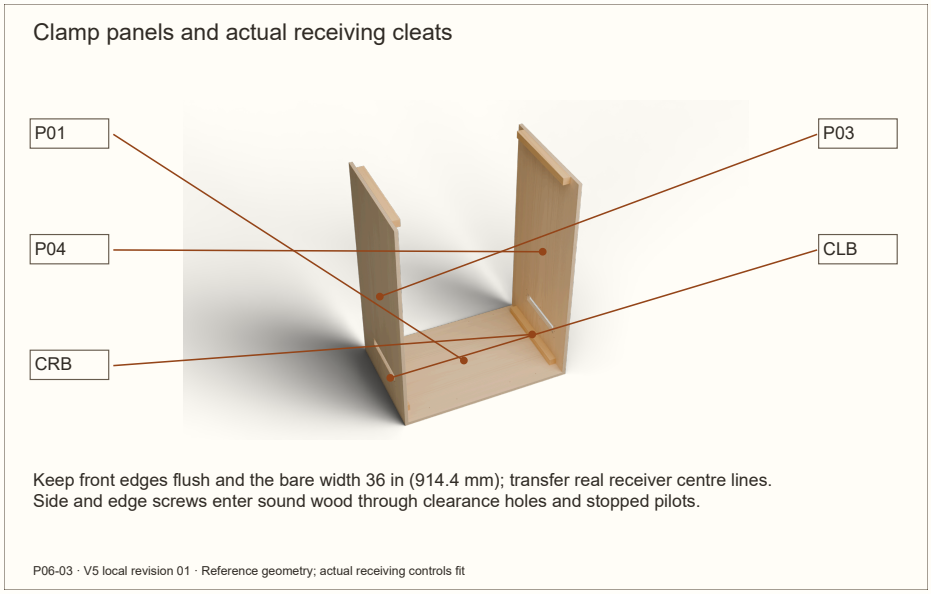
3. Check no sharp edge, wire distortion, loose screen or exposed tail. Keep the side service path accessible; do not glue the removable captures.

Check before continuing: Each side screen is retained and can be serviced with the agreed tools.

OP29 · Fit the side and rear cleats

Parts: P03 · Left side; P04 · Right side; CLB · L side B cleat; CLT · L side T cleat; CRB · R side B cleat; CRT · R side T cleat; CLV · Rear corner cleat; CRV · Rear corner cleat

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Fit the side and rear cleats

1. Align side floor and top cleat edges with the actual panel edges and locate rear corner cleats from their specified datums. Clamp the empty panels securely.

2. Use current SIDE/EDGE station coordinates and the indicated #8 × 1 3/4 in (44.45 mm) screws. Clear first members and stop the pilot in the actual solid receiver.

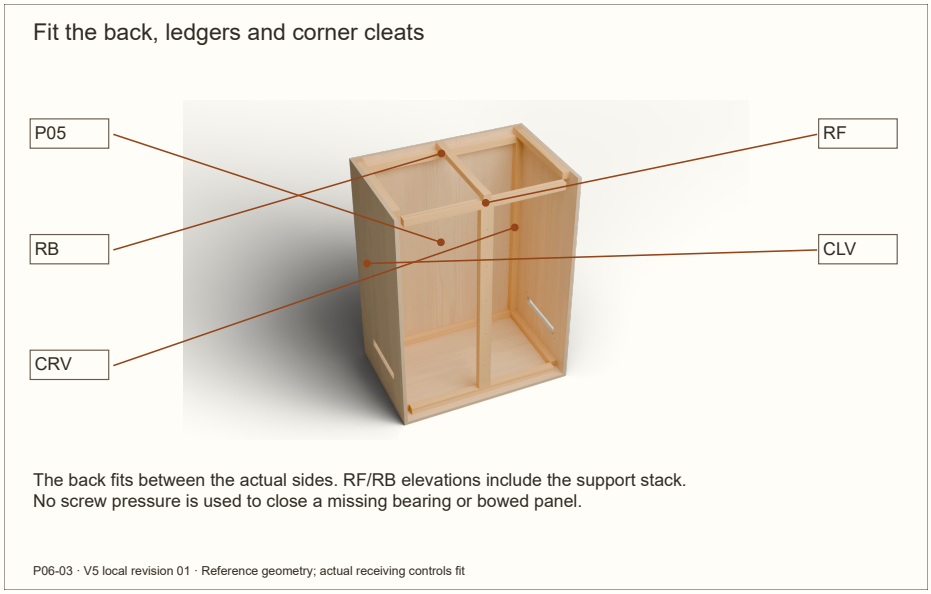
3. Keep the front/rear receptor rows at their measured levels. Do not pull a bowed panel flat with screw force or lose the 36 in (914.4 mm) bare width.

Check before continuing: Cleats are square, correctly placed and have buried screw points.

OP30 · Fit the back and horizontal ledgers

Parts: P05 · Back; CBB · B floor cleat; RF · F roof ledger; RB · B roof ledger; CLV · Rear corner cleat; CRV · Rear corner cleat

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Fit the back and horizontal ledgers

1. Fit P05 between the sides with its front/rear orientation correct. Install the lower rear cleat and the measured RF/RB roof ledgers from the support drawing.

2. Transfer actual wood receiver centres to the back screw rows and use their listed lengths. Check the rear restraint row enters RB through the correct stack.

3. Keep the RF relief and front column bearings oriented as drawn. Check that the case remains square on the supported bench.

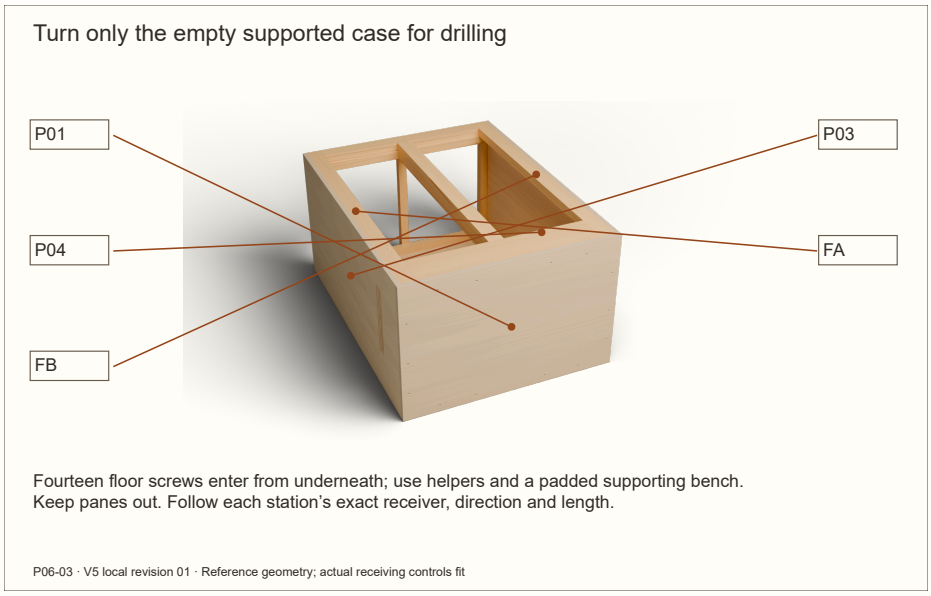
Check before continuing: The back, cleats and ledgers agree with actual mating parts.

OP31 · Attach the fully supported floor

Parts: P01 · Floor; CFB · F floor cleat; CBB · B floor cleat; CLB · L side B cleat; CRB · R side B cleat

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: Do not turn a glazed or loaded enclosure for this work.



Attach the fully supported floor

1. Fit front floor cleat CFB between the side cleats. Clamp the floor to continuous support with the case square.

2. With helpers, turn the empty assembly onto padding for safe perpendicular drilling. Install fourteen #8 × 1 3/4 in (44.45 mm) floor screws from underneath at FLOOR stations.

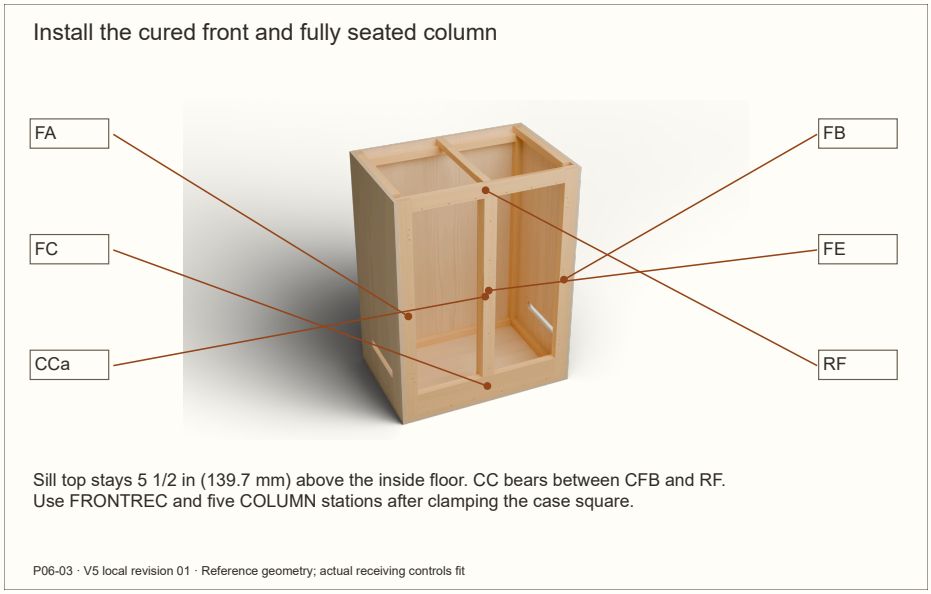
3. Check each actual receiver, stopped pilot and buried tip before returning the empty case upright. The finished enclosure needs full-footprint support.

Check before continuing: The floor is square and every listed connection lands in sound receiving wood.

OP32 · Install the cured front and bearing column

Parts: FA · Front outer stile; FB · Front outer stile; FC · Front sill rail; FD · Front head rail; FE · Front centre stile; CCa · Front bearing column layer A; CCb · Front bearing column layer B; CFB · F floor cleat; RF · F roof ledger

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Install the cured front and bearing column

1. Fit the cured front flush with the side fronts and floor. The sill top remains 5 1/2 in (139.7 mm) above the inside floor.

2. Seat the laminated CC column fully on CFB and beneath RF. Reference column length 42.26 in (1073.4 mm) is fitted to the actual bearing gap; never hide a short bearing with screws.

3. Use the FRONTREC and five COLUMN #8 × 2 1/2 in (63.5 mm) stations. Clamp square and verify both openings and diagonals before drilling.

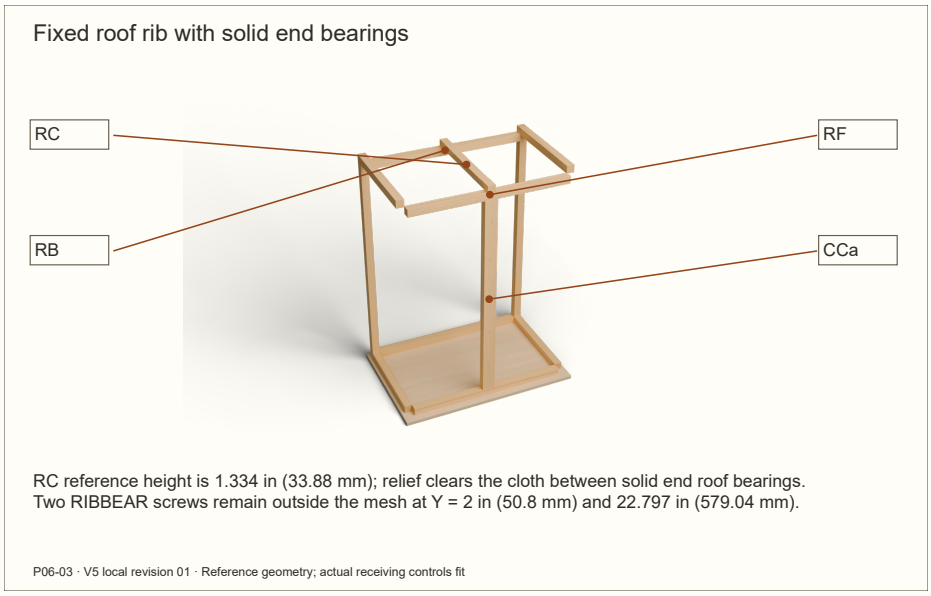
Check before continuing: The front is square and the column has full end contact.

OP33 · Fit the fixed central roof rib

Parts: RC · Roof centre rib; RF · F roof ledger; RB · B roof ledger; CCa · Front bearing column layer A

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: Do not support a heat fixture on this central wood rib.



Fit the fixed central roof rib

1. Seat RC across RF and RB at the case centre. Its reference top reaches the roof underside on solid lands outside the mesh; the middle relief clears the cloth.

2. Install the two RIBBEAR #8 × 2 1/2 in (63.5 mm) screws downward at X = 18.3 in (464.82 mm), Y = 2 in (50.8 mm) and 22.797 in (579.04 mm). Those paths remain outside the mesh blank.

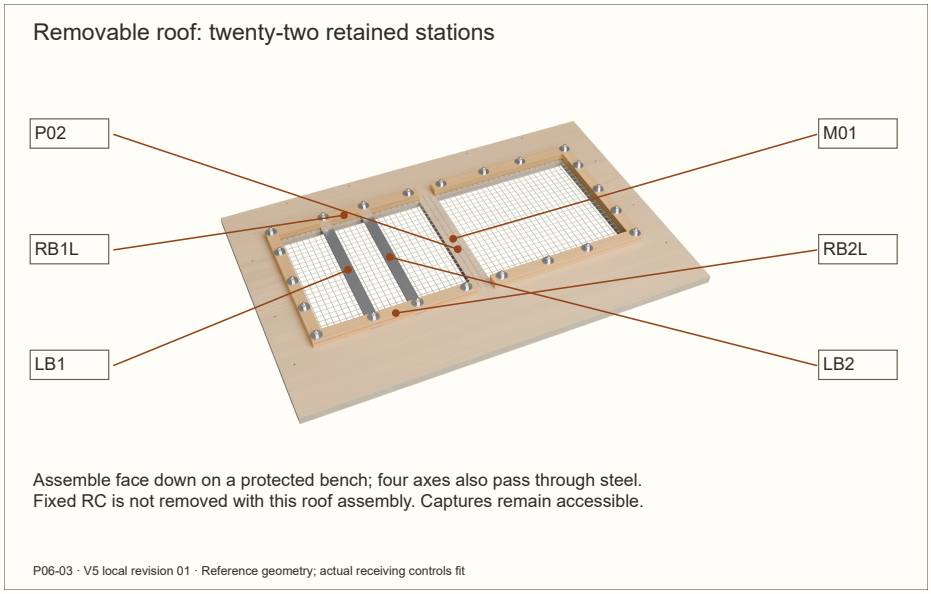
3. Recheck end contact, relief clearance and covered screw tips. RC stays with the case when the roof panel is removed.

Check before continuing: The rib is fixed to its ledgers and supports the intended roof bearings.

OP34 · Assemble the removable roof capture

Parts: P02 · Roof; M01 · Roof mesh blank; RB1L · Roof capture batten; RB2L · Roof capture batten; LB1 · Steel strip below the left lamp area; LB2 · Steel strip below the left lamp area

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Assemble the removable roof capture

1. Support P02 face down on protection. Seat the single mesh blank, the two left steel strips and all six marked capture battens.

2. Fit twenty-two flush outside screws with inside washers, nylon locknuts and closed covers. Four stations also pass through the steel end bores.

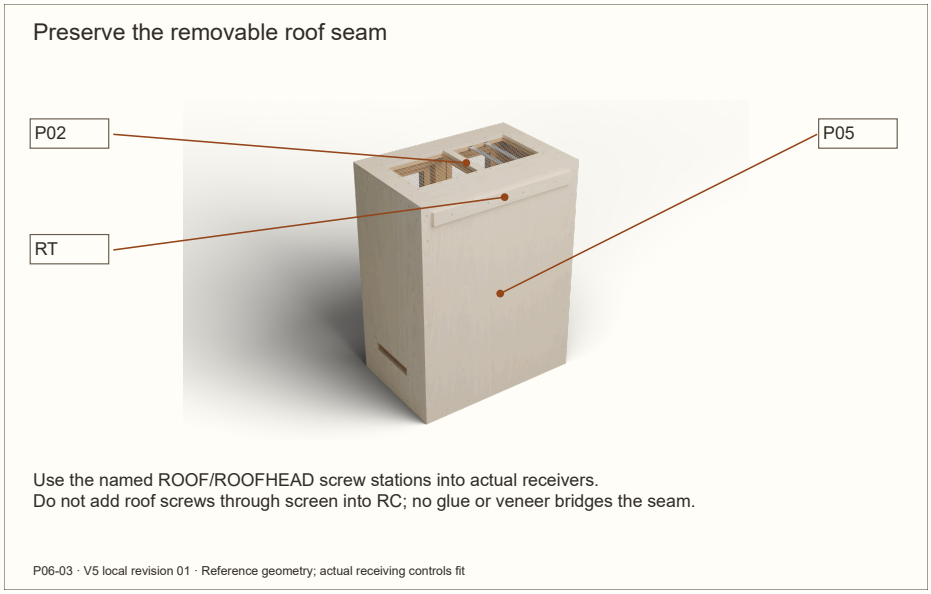
3. Check every wood land seats, steel ends bear fully, caps have spare internal depth and the centre split clears fixed RC. Keep all service fixings accessible.

Check before continuing: The roof assembly has no loose screen, crushed wires, rocking strips or exposed threads.

OP35 · Trial-fit the roof to the complete case

Parts: P02 · Roof; RC · Roof centre rib; RF · F roof ledger; RB · B roof ledger

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Trial-fit the roof to the complete case

1. Lower the supported roof onto the case and fixed rib without trapping mesh, cables or tools. Confirm full intended bearings and the two openings.

2. Use the ROOF and ROOFHEAD wood-screw stations; clear the roof and pilot only the actual receivers. Do not add roof-to-rib screws through the mesh.

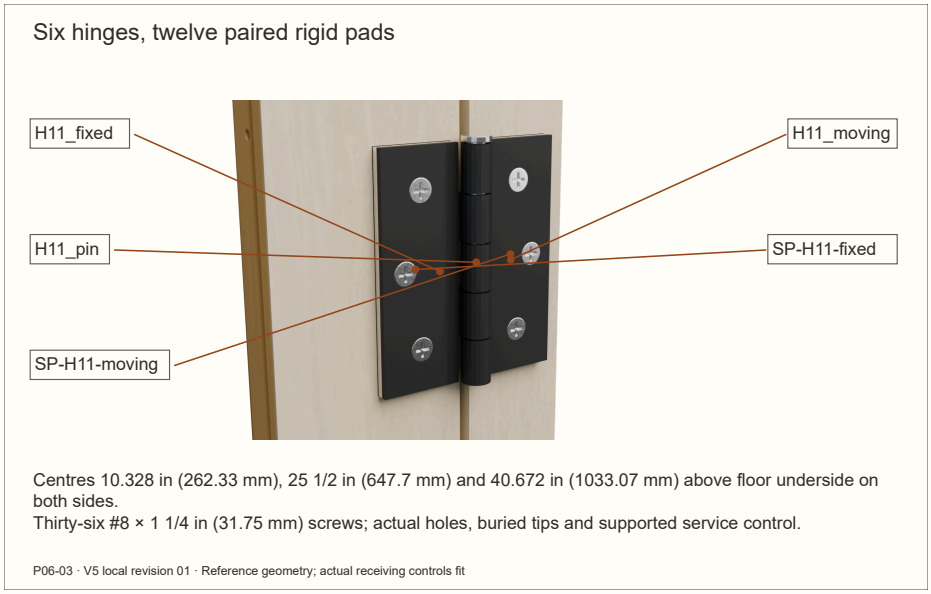
3. Trial roof removal again. Keep its seam unglued and preserve separate veneer edges so removal does not tear the finish.

Check before continuing: The roof seats squarely and can be removed independently.

OP36 · Make and fit the twelve hinge pads

Parts: SP-H11-fixed · Rigid full-leaf bearing pad H11 fixed; SP-H11-moving · Rigid full-leaf bearing pad H11 moving; H11_fixed · 1798A21 fixed leaf with knuckles; H11_moving · 1798A21 moving leaf with knuckles

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Make and fit the twelve hinge pads

1. Cut twelve full-leaf 3 in (76.2 mm) × 1 1/16 in (26.99 mm) rigid aluminium pads from the allocated bars; two more pad blanks are reserved for trials. Deburr all edges.

2. Transfer each received leaf's holes onto its matching pad. Maintain at least 7/64 in (2.78 mm) thickness and full bare-wood bearing under both fixed and moving leaves.

3. Mark pads and leaves as pairs. Do not hide an uneven seat with adhesive or veneer; receive qualified/supplier acceptance of the custom support and engagement.

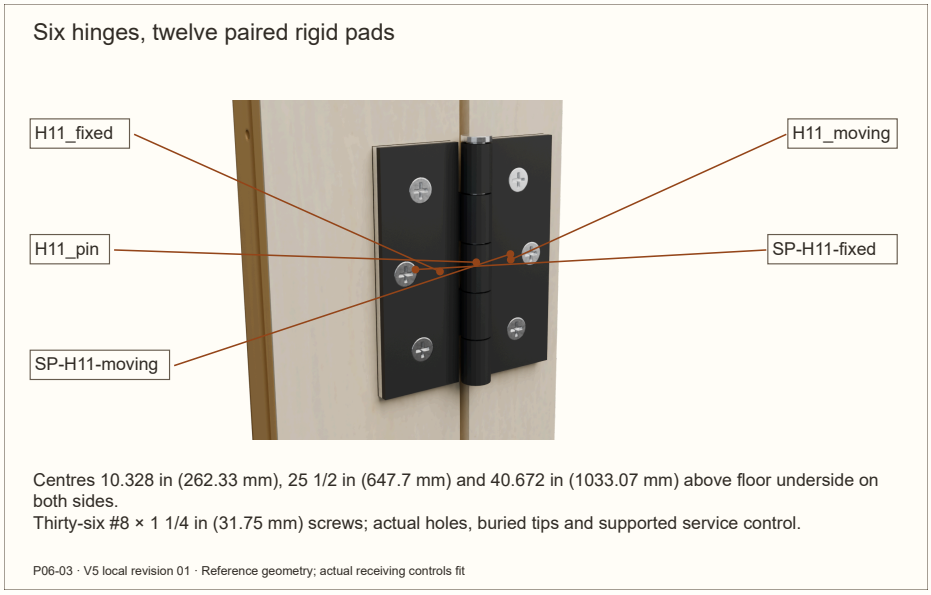
Check before continuing: All six hinge pairs seat evenly with matching supported pads.

OP37 · Hang the two supported tall doors

Parts: H11_fixed · 1798A21 fixed leaf with knuckles; H12_fixed · 1798A21 fixed leaf with knuckles; H13_fixed · 1798A21 fixed leaf with knuckles; D1A · Door 1 A

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: Support door weight before withdrawing any pin; never rely on the last loose hinge.



Hang the two supported tall doors

1. With a helper supporting each leaf, hold its finished bare gap spacers in the square opening. Align all three hinges on one straight axis.

2. Retain hinge centres at 10.328 in (262.33 mm), 25 1/2 in (647.7 mm) and 40.672 in (1033.07 mm) above floor underside. Use thirty-six #8 × 1 1/4 in (31.75 mm) hinge screws through the accepted heads, pads and stopped pilots.

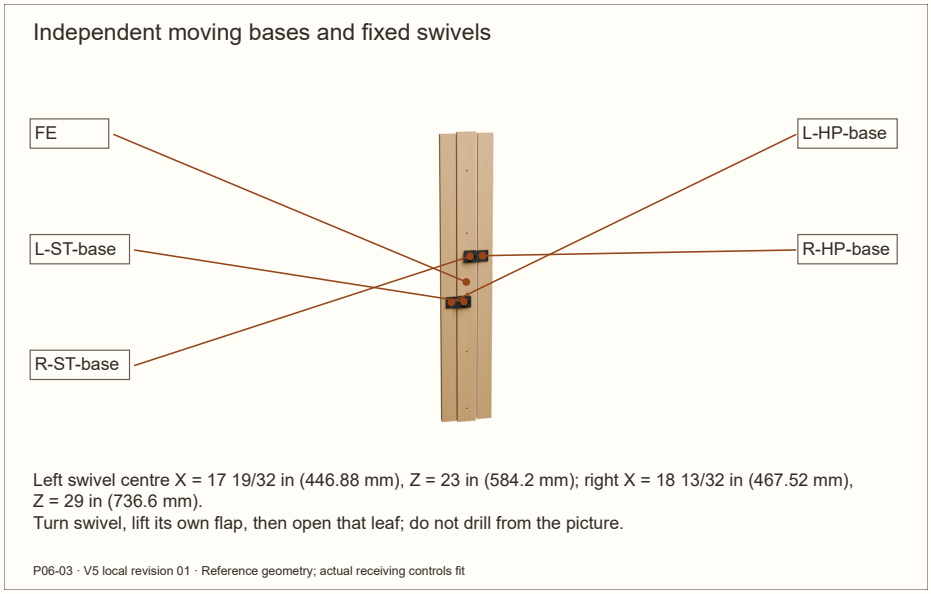
3. Trial independent outward swing and supported pin removal with the roof fitted. Keep at least 4 in (101.6 mm) extraction clearance above the upper pin; actual pin/tool lengths govern.

Check before continuing: All hinges share an axis, tips remain buried and neither tall leaf binds.

OP38 · Transfer and fit the independent hasps

Parts: FE · Front centre stile; L-HP-base · Hasp mounting leaf; L-ST-base · Swivel-staple mounting plate; R-HP-base · Hasp mounting leaf; R-ST-base · Swivel-staple mounting plate

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Transfer and fit the independent hasps

1. Put the narrow hinged bases on the moving latch stiles and square swivel plates on fixed FE. Left swivel centre: X = 17 19/32 in (446.88 mm), Z = 23 in (584.2 mm); right: X = 18 13/32 in (467.52 mm), Z = 29 in (736.6 mm).

2. Transfer the received seven-hole arrangement for each hasp, with full plate bearing and sound margins. Install fourteen #10 × 5/8 in (15.88 mm) screws at the accepted reference stations.

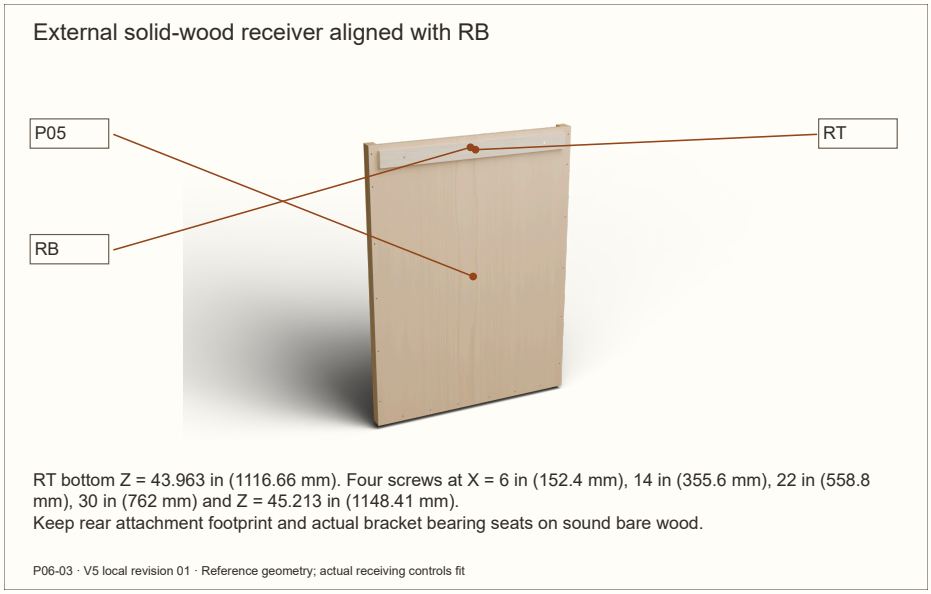
3. Turn one swivel to align with its slot, lift that flap fully outward, then open its own leaf while the other stays latched. Repeat the opposite side; no key is needed for everyday operation.

Check before continuing: Both closures secure and release independently without forcing the frame.

OP39 · Fit the external restraint receiver

Parts: RT · External rear restraint receiver; P05 · Back; RB · B roof ledger

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Fit the external restraint receiver

1. RT is an external 31.594 in (802.49 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm) pine receiver. Position its bottom at Z = 43.963 in (1116.66 mm), with the horizontal ends aligned to the rear ledger span.

2. Use four RESTRAINTREC #8 × 2 1/2 in (63.5 mm) screws at X = 6 in (152.4 mm), 14 in (355.6 mm), 22 in (558.8 mm) and 30 in (762 mm), Z = 45.213 in (1148.41 mm). They pass through RT and P05 into RB; transfer the actual receiver centre before drilling.

3. Keep RT’s attachment footprint bare against the back. Trial the real restraint brackets on an offcut before final receiver drilling; their final bare bearing seats depend on the received kit.

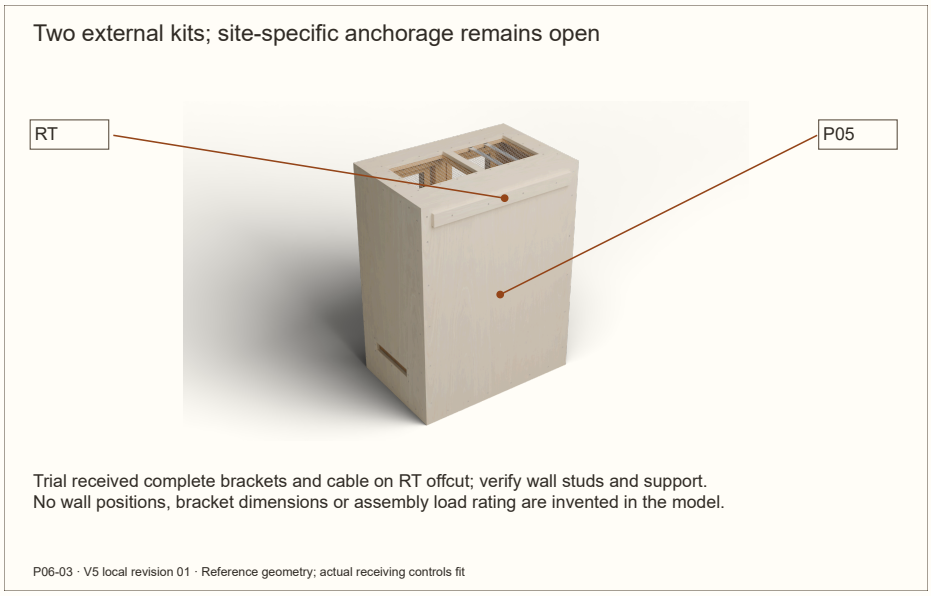
Check before continuing: RT bears fully and all four screws enter sound RB with covered tips.

OP40 · Rehearse the two external restraint kits

Parts: RT · External rear restraint receiver

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: No kit catalogue rating is transferred to this unbuilt shell. Unknown walls remain a hold.



Rehearse the two external restraint kits

1. Receive two complete Hillman 9976524 kits. Identify their furniture brackets, wall brackets, cable, clevis pins, cotter pins and the specified screws.

2. Use the manufacturer’s actual stud-wall method with a verified wall/support. Trial furniture bracket placement and 5/8 in (15.88 mm) screws on matching RT stock, preserving a safe back cover.

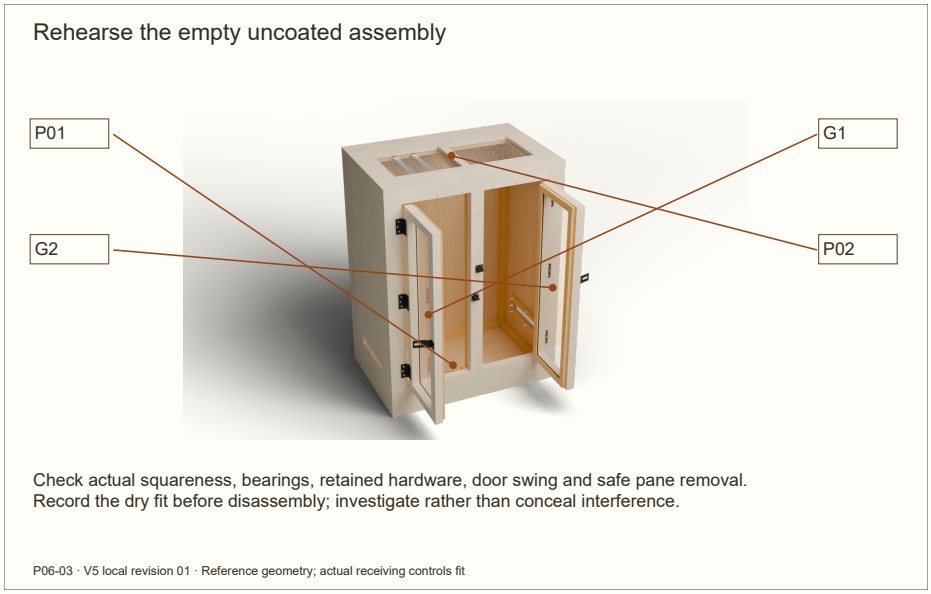
3. Record the site-specific bracket positions, wall/stud assessment and access for later release. Keep every bracket and cable outside the containment shell; revise the plan for a different wall construction.

Check before continuing: A complete accepted anchorage plan exists before the tall enclosure enters service.

OP41 · Check the complete uncoated dry assembly

Parts: P02 · Roof; G1 · Door 1 OPTIX pane; G2 · Door 2 OPTIX pane; RT · External rear restraint receiver

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Check the complete uncoated dry assembly

1. Check square, flatness, bearings, all screw receivers, captured mesh edges and retained tails. Record actual diagonal differences and investigate anything beyond the planned 1/16 in (1.59 mm) comparison target.

2. Trial both doors, their independent hasps and supported pin extraction. Trial pane/bead and screen removal with appropriate helpers and no animals or equipment inside.

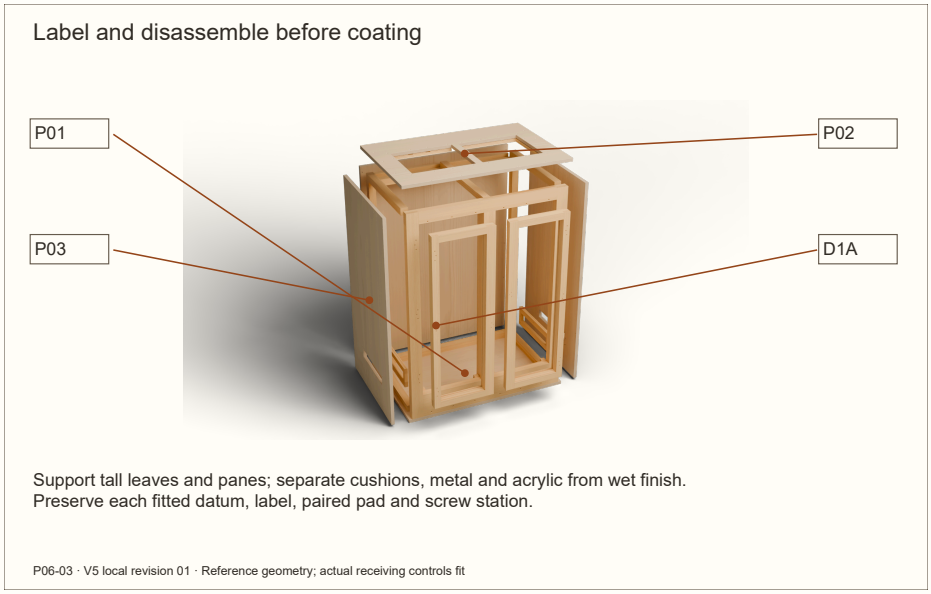
3. Mark any interference and revise the affected specification before finishing. Do not hide binding, weak bearing or uncertain anchorage under veneer.

Check before continuing: The actual dry construction and all planned service paths are accepted.

OP42 · Disassemble and label for finishing

Parts: P01 · Floor; P02 · Roof; D1A · Door 1 A; G1 · Door 1 OPTIX pane

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Disassemble and label for finishing

1. Photograph the accepted fit and label mating parts, shims, pads and hardware. Support doors and panes during removal.

2. Remove glazing, cushions, hardware and captures as needed for access. Keep screws paired with existing holes; remove temporary trial hardware.

3. Store acrylic masked on clean support and protect wire/metal from wet coating. Preserve labels and avoid sanding away fitted datums.

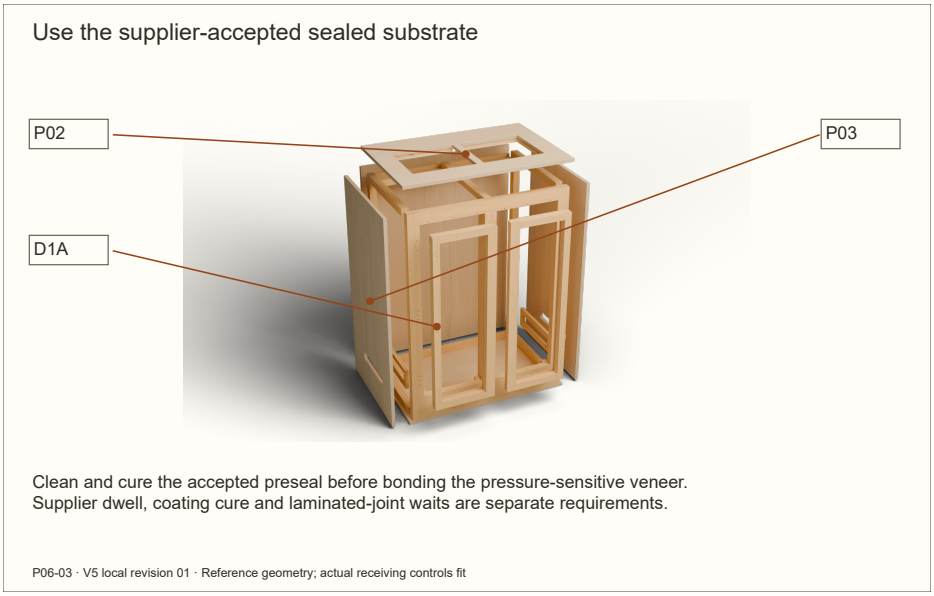
Check before continuing: All parts are identified and protected for finishing.

OP43 · Prepare the wood and approved veneer surfaces

Parts: P03 · Left side; FA · Front outer stile; D1A · Door 1 A

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: Confirm cleaner and finish suitability for intended exposure; no animal-contact approval is inferred.



Prepare the wood and approved veneer surfaces

1. Follow the coating and veneer makers' preparation instructions. Sand with grain on supported wood, remove dust and correct contamination before coating.

2. Mask bare structural glue/contact surfaces, receiver footprints and metal bearing seats. Keep service holes accessible and do not round the fitted door edges.

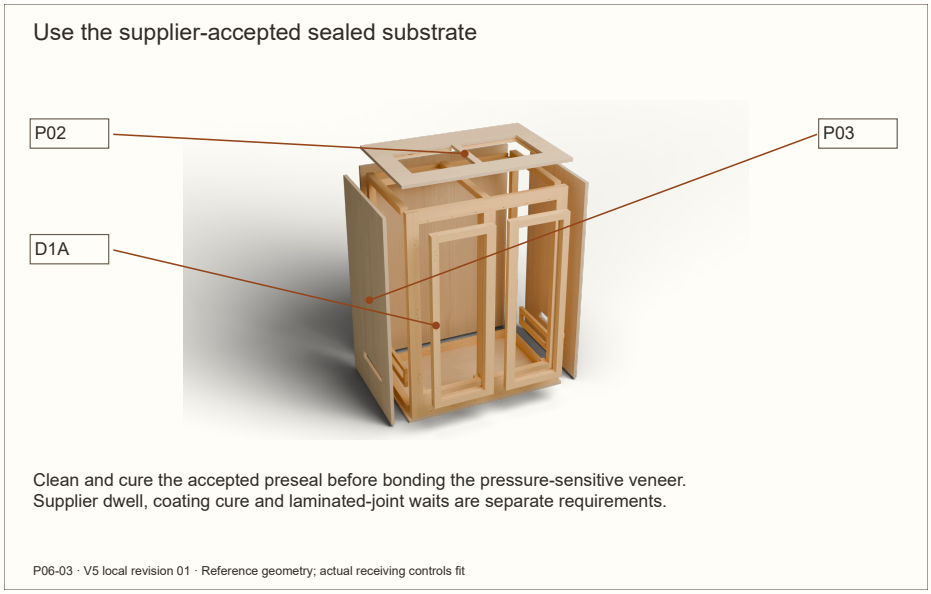
3. Prepare matching coupons along with the real parts so finish thickness, adhesion and required waits can be tracked.

Check before continuing: Surfaces are clean, compatible and ready for the confirmed system.

OP44 · Preseal and wait for the veneer substrate

Parts: P03 · Left side; P02 · Roof; D1A · Door 1 A

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Preseal and wait for the veneer substrate

1. Use only the supplier-accepted preseal beneath the selected pressure-sensitive veneer. Keep the substrate smooth, sound and free of dust or silicone.

2. Apply and wait exactly as the veneer and coating suppliers require before bonding. The complete preseal/adhesive/backer/veneer/topcoat stack must stay within the accepted limit.

3. Recheck the cured trial coupon and the full-size door balance trial. Do not bond the production skins over a tacky or incompatible surface.

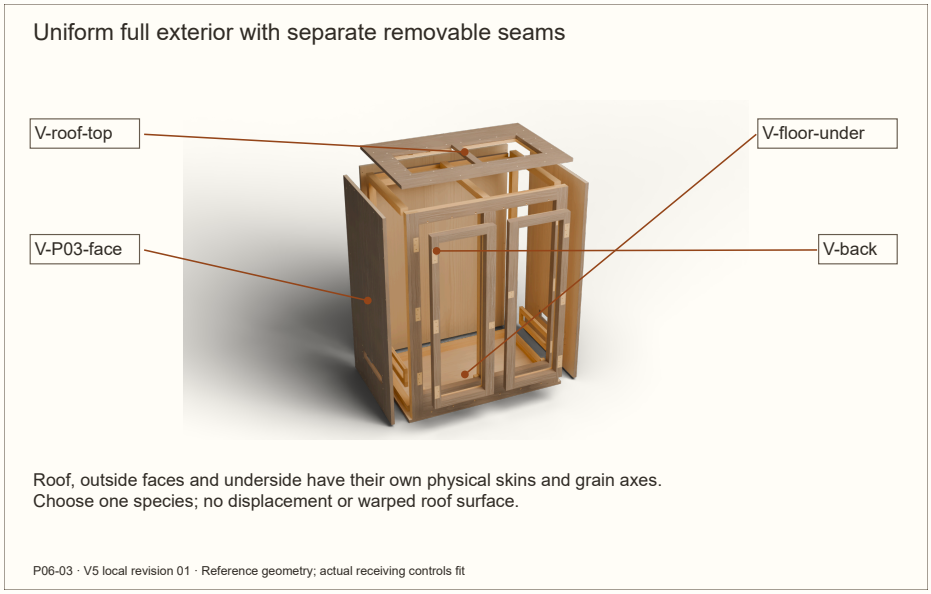
Check before continuing: The presealed substrate has reached the supplier-approved bonding condition.

Required wait: Use confirmed preseal cure before PSA application, separate from later topcoat cure.

OP45 · Apply the full exterior face veneer

Parts: P02 · Roof; P03 · Left side; P04 · Right side; P05 · Back; FA · Front outer stile; D1A · Door 1 A

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Apply the full exterior face veneer

1. Choose one species and use the exact V-part schedule. Align grain along each part’s assigned axis. Keep roof grain continuous on a flat plane; no raised or distorted texture is intended.

2. Cut the allocated oversize pieces, dry-register them and follow the veneer maker’s liner removal, pressure and scraper method without trapping air.

3. Cover roof, exterior walls, frame faces and underside. Keep separate removable seams and hardware bearing/service seats open. At RT, transfer its finished veneered outline to the back skin and leave a 1/64 in (0.4 mm) service seam all around; the reference opening is 31.68625 in (804.83 mm) × 2.59225 in (65.84 mm). Keep the receiver-to-back wood bearing bare.

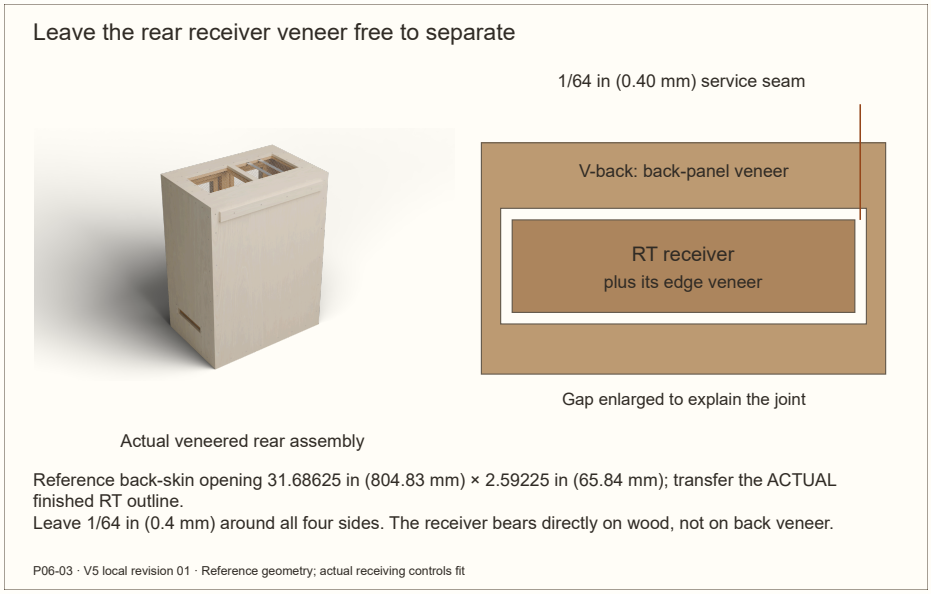
Check before continuing: The faces are flat, bonded and correctly oriented without bridged service joints.

Required wait: Observe the supplier’s bonding pressure and dwell requirements; do not assume instant full strength.

OP46 · Finish every exposed edge and reveal

Parts: P02 · Roof; P03 · Left side; RT · External rear restraint receiver; D1A · Door 1 A; D1B · Door 1 B

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Finish every exposed edge and reveal

1. Apply the separate edge and opening-reveal strips so plywood laminations and mixed bare edges are covered, including roof borders, door perimeters and the visible RT receiver.

2. Trim to actual parts with a sharp supported knife or approved trimming tool. Keep each bevel strip on its own sloping face and never bridge the roof seam or door clearance.

3. Leave the actual bare metal bearing pads, restraint bracket seats and fixing access openings functional. Recheck no edge lifts and the full cured layer remains at most 0.046 in (1.17 mm).

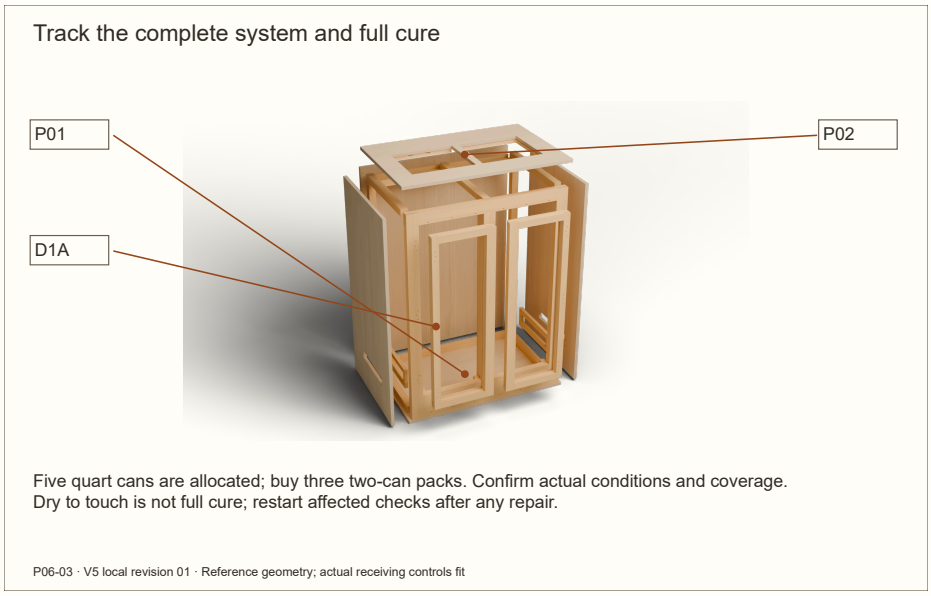
Check before continuing: Visible exterior wood is uniform; RT edge skins clear the back veneer by the planned 1/64 in (0.4 mm) service seam.

OP47 · Apply the accepted finish and allow full cure

Parts: P01 · Floor; P02 · Roof; D1A · Door 1 A; RT · External rear restraint receiver

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: Indoor non-immersed scope; no standing water, outdoor exposure or direct fixture hotspot approval.



Apply the accepted finish and allow full cure

1. Apply the selected Varathane Triple Thick satin according to current maker instructions, within 60–90°F (15.6–32.2°C) and below 85% relative humidity with suitable ventilation.

2. This revision allocates five quart cans including area/trial reserve; the listing sells two-can packs, so buy three packs. Recalculate for extra coats or a changed system.

3. Record last application/repair, temperature and humidity. Keep acrylic, neoprene, metal seats and threaded parts free of wet finish. Inspect and repair edges before the cure clock is considered complete.

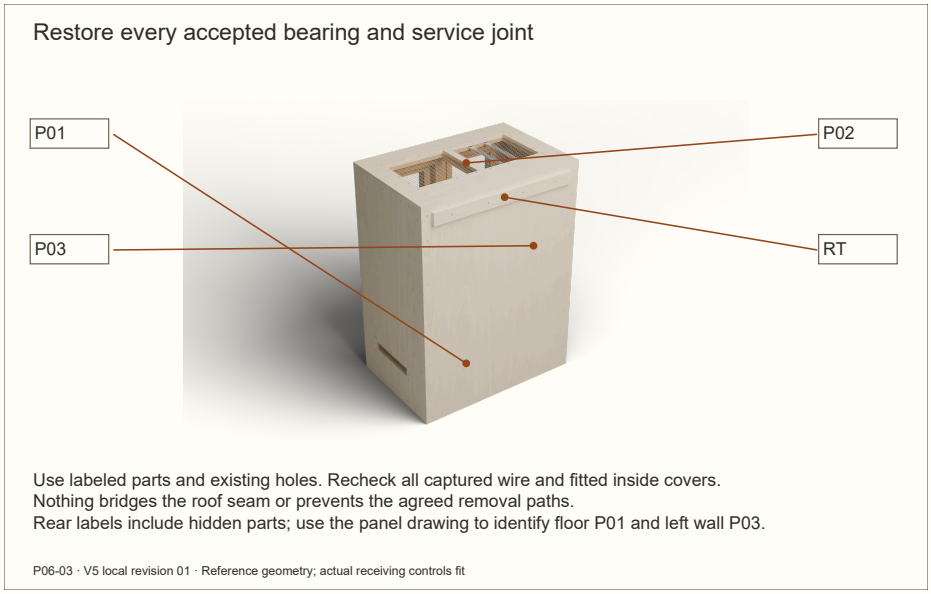
Check before continuing: All surfaces and repairs are fully cured and the receiving coupon still meets fit limits.

Required wait: Maker full cure is seven days at 70°F (21.1°C) / 50% RH with ventilation; adverse conditions can require longer. Dry-to-touch is not full cure.

OP48 · Reassemble the cured case and captures

Parts: P01 · Floor; P02 · Roof; P03 · Left side; M01 · Roof mesh blank; ML · L vent mesh

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Reassemble the cured case and captures

1. Reassemble labeled parts in the accepted sequence using the existing holes. Restore every bearing contact and all fitted screen stacks.

2. Keep outside heads flush and inside locknuts/covers secure without crushing plywood or wires. Recheck actual cap spare depth and complete nylon engagement.

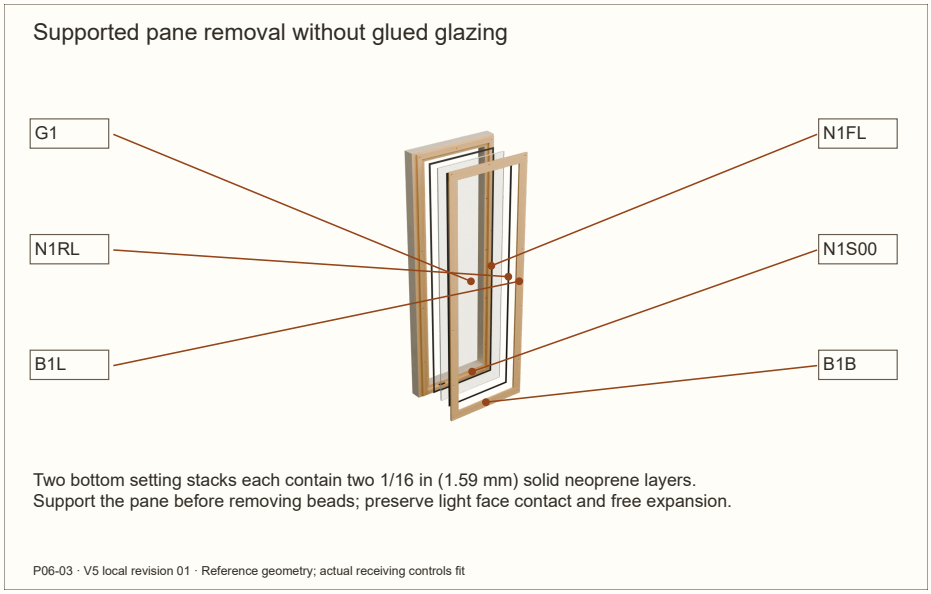
3. Check the roof sits on its intended solid bearings and still removes independently. No veneer or finish may bridge the removable seam.

Check before continuing: The cured shell retains its square, supported and serviceable dry-fit condition.

OP49 · Fit cushions, panes and removable beads

Parts: G1 · Door 1 OPTIX pane; N1FL · Door 1 F cushion L; N1RL · Door 1 R cushion L; N1S00 · Door 1 setting pad 0 layer 0; Q1L · Door 1 spacer L; B1L · Door 1 retaining bead L

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Fit cushions, panes and removable beads

1. Lay each supported door rear upward. Fit the plain front neoprene face strips and two setting-pad stacks, two 1/16 in (1.59 mm) layers at each bottom support position.

2. Set in the clean actual pane, retain the accepted 1/8 in (3.18 mm) perimeter allowance and add the separate rear solid strips. Fit labeled beads so they stop on their wood spacers.

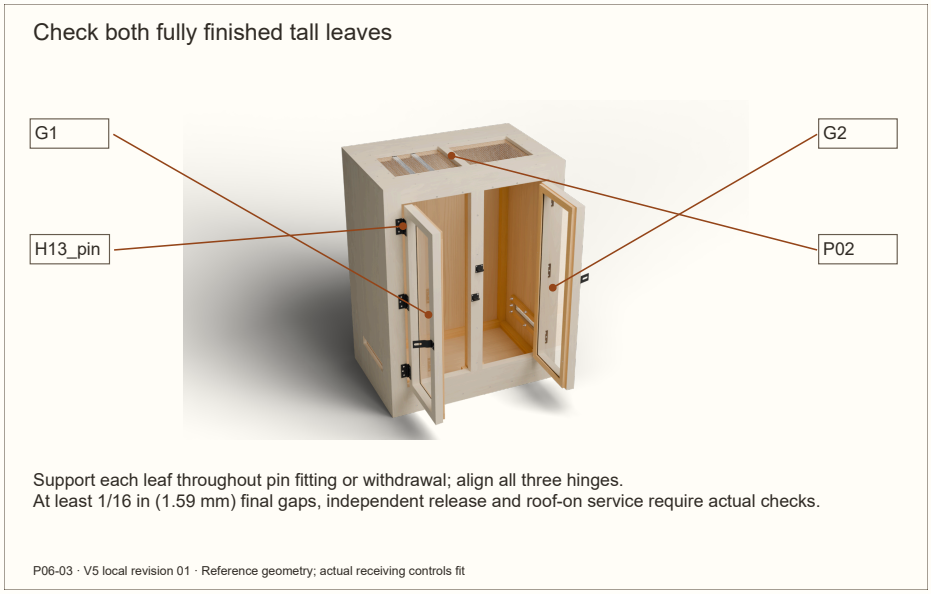
3. Use the existing #6 stations with light, even contact. Check no bow, forced compression or rattling, and prove the supported pane can later be removed without cutting adhesive.

Check before continuing: Both cured glazing assemblies pass the recorded light-contact and expansion checks.

OP50 · Refit supported doors and check final gaps

Parts: H11_pin · 1798A21 removable pin reference; H12_pin · 1798A21 removable pin reference; H13_pin · 1798A21 removable pin reference; G1 · Door 1 OPTIX pane; G2 · Door 2 OPTIX pane

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Refit supported doors and check final gaps

1. With helpers carrying each tall glazed leaf, refit the accepted hinges and pins. Support the leaf until every hinge is positively engaged according to received instructions.

2. Check at least 1/16 in (1.59 mm) finished gaps through the complete sweep, with the roof fitted. Test each swivel and flap independently before opening that door.

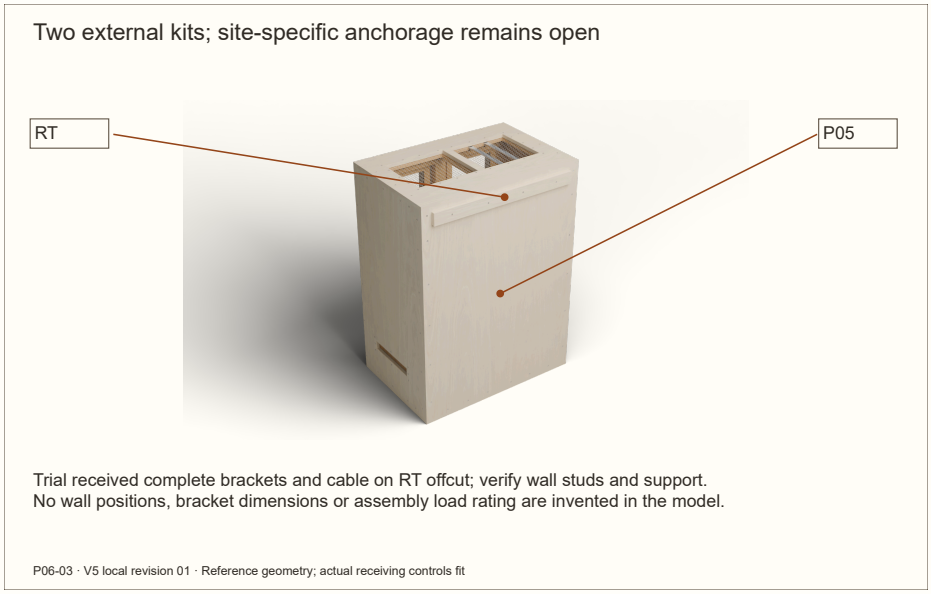
3. Repeat supported pin-removal and roof/pane service rehearsals after cure. Record any binding or frame change; do not shave through veneer as an unexplained repair.

Check before continuing: Both finished leaves secure, swing and remove with the accepted support and clearances.

OP51 · Install and verify both site restraints

Parts: RT · External rear restraint receiver

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Install and verify both site restraints

1. Place the empty finished enclosure on its assessed full-footprint support. Install both complete kits using the accepted site-specific bracket layout and manufacturer instructions.

2. Keep furniture brackets on solid RT, all components outside, and wall attachments in the assessed structural support. Insert and secure all supplied cable pins and retainers.

3. Have the loaded stability, attachment and maintenance release checked for this site. Record the result separately from digital validation; keep this hold open until completed.

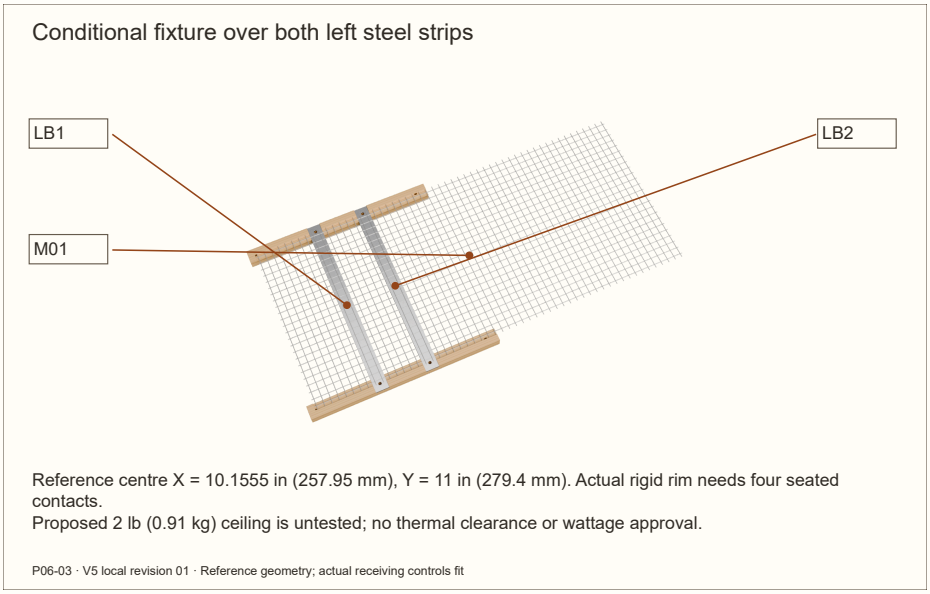
Check before continuing: The actual support and two external restraint installations are accepted before use.

OP52 · Commission the optional fixture and containment

Parts: LB1 · Steel strip below the left lamp area; LB2 · Steel strip below the left lamp area; M01 · Roof mesh blank

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation

Before you begin: The maker’s dimensional wording is ambiguous; receive and measure. Geometric wood margin is not a thermal clearance or operating wattage recommendation.



Commission the optional fixture and containment

1. The optional fixture is a receiving example, not a prescription. At the revised reference centre X = 10.1555 in (257.95 mm), Y = 11 in (279.4 mm), verify the actual rigid rim seats on both steel strips at all four contacts through the screen.

2. The proposed envelope is at most 6 in (152.4 mm) overall diameter with a 5 1/2 in (139.7 mm)–6 in (152.4 mm) rim and at most 2 lb assembled mass (0.91 kg). These are untested design limits, not confirmed product dimensions or a roof rating.

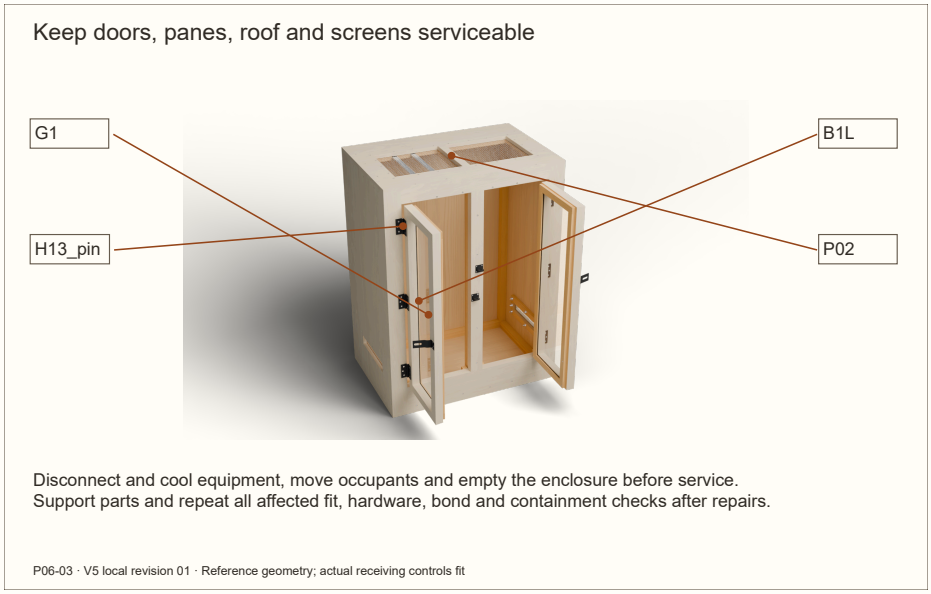
3. Keep the right roof heat-free. Follow actual equipment instructions, protect cords, use appropriate controls and measure temperatures/ventilation before animals. Check species-specific gaps and secure containment separately.

Check before continuing: Actual fixture fit, prototype load/thermal tests and animal-specific conditions are documented.

OP53 · Service screens, glazing and removable doors

Parts: P02 · Roof; G1 · Door 1 OPTIX pane; B1L · Door 1 retaining bead L; H13_pin · 1798A21 removable pin reference; RT · External rear restraint receiver

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Service screens, glazing and removable doors

1. Disconnect and cool equipment, secure occupants elsewhere and empty the enclosure before service. Keep the case supported and restrained as the accepted maintenance plan requires.

2. Support a tall door before withdrawing any pin; use the received sequence and helpers, keeping all weight supported. On the bench, support its pane before removing beads and loose cushions.

3. Remove roof and side captures through their verified paths with retained parts labeled. To reach the upper back-ledger screws, first support the empty case under the accepted site plan, release the restraint cables and remove RT. Restore both restraints before service use.

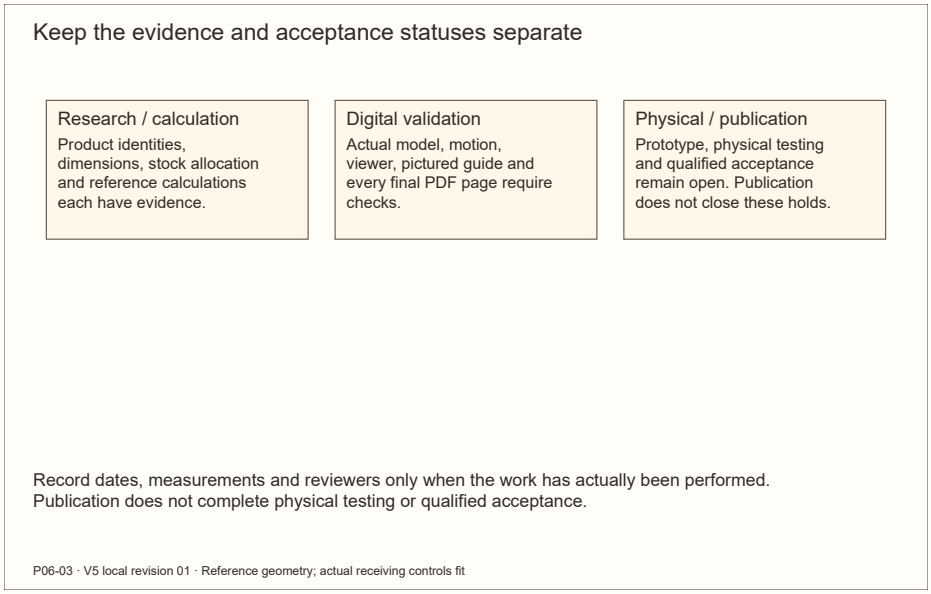
4. Refit the accepted stacks and repeat all affected gap, fastener, bond, load and containment checks after repair.

Check before continuing: Maintenance leaves no loose pane, exposed tail, damaged edge or unverified replacement.

OP54 · Record each separate acceptance status

Parts: Accepted material samples and the named workshop setup

Tools / setup: Tape, square, caliper, pencil and the tools named in this operation



Record each separate acceptance status

1. Record research, dimensions, calculations and digital validation against this exact versioned specification and model.

2. Record prototype construction, physical tests and qualified review only when performed, including actual measurements, equipment, date and reviewer. Leave unresolved fields open.

3. Keep the construction review packet and original source evidence. Record publication separately from all physical acceptance.

Check before continuing: The review packet separates research, digital validation, publication and remaining physical acceptance.

Materials and hardware

Choose ONE veneer species: three 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. FINISH is a two-quart-can pack. Resolve H01–H06 before dependent work. No purchase or address-specific stock check has been made.

Product	Model and quantities	Fit / purchase condition
PADS · Rubber-Cal solid neoprene 40A sheet Direct product listing	30-004-062-012-036 Needed 1 + 0 trial units; 1 per package; buy 1 package(s)	Plain 1/16 in (1.59 mm) solid neoprene, not self-adhesive foam. Sixteen face strips and eight setting-pad layers plus a trial coupon are explicitly nested; no assumed compression percentage or watertight seal.
FINISH · Varathane Triple Thick clear satin polyurethane Direct product listing	284473-7482 Needed 5 + 0 trial units; 2 per package; buy 3 package(s)	Varathane 284473 clear satin, two quart cans per listed package. Quantities come from this revision's area allowance. Observe maker application conditions and full cure; non-immersed indoor scope only, with compatibility approval still required.
RESTRAINT · Hillman Simple Mount Anti-Tip Kit Direct product listing	9976524 Needed 2 + 0 trial units; 1 per package; buy 2 package(s)	Two complete 9976524 kits, with external RT attachment. Use received bracket/cable instructions and verified site studs/support. Do not transfer the catalogue kit rating to the unbuilt enclosure. Bracket seats remain bare sound wood; final layout is site-specific.

Materials and hardware · continued

Choose ONE veneer species: three 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. FINISH is a two-quart-can pack. Resolve H01–H06 before dependent work. No purchase or address-specific stock check has been made.

Product	Model and quantities	Fit / purchase condition
PLY · Birch plywood Direct product listing	712849 Needed 3 + 0 trial units; 1 per package; buy 3 package(s)	Reference 0.703 in (17.86 mm) birch plywood; measure every sheet. Interior appearance plywood has no whole-enclosure structural or water-holding approval.
PINE · Clear eastern white pine Direct product listing	PLSEL 1.000 6.000 8.000D4S Needed 9 + 0 trial units; 1 per package; buy 9 package(s)	Actual 3/4 in (19.05 mm) × 5 1/2 in (139.7 mm) × 96 in (2438.4 mm) clear pine reference. Preserve solid full-width sill edges. Two extra boards are reserved for tall laminated-door and fitting trials; original historical count is superseded.
ACR · OPTIX clear acrylic Direct product listing	21232102 Needed 1 + 0 trial units; 1 per package; buy 1 package(s)	Own two tall panes; no drilled holes. Retain 1/8 in (3.18 mm) reference edge allowance after cured fitting, and actual pane + two solid neoprene light-contact layers.

Materials and hardware · continued

Choose ONE veneer species: three 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. FINISH is a two-quart-can pack. Resolve H01–H06 before dependent work. No purchase or address-specific stock check has been made.

Product	Model and quantities	Fit / purchase condition
SOLID · RELIABILT solid clear pine Direct product listing	2X2 8 RPC Needed 5 + 0 trial units; 1 per package; buy 5 package(s)	Actual 1 1/2 in (38.1 mm)-square solid pine reference for the source cleats, ledgers and newly fitted roof rib. Added trial stock is separate; no assembly load rating inferred.
MESH · Acorn galvanized hardware cloth Direct product listing	HC2245 Needed 1 + 0 trial units; 1 per package; buy 1 package(s)	HC2245 24 in (609.6 mm) × 60 in (1524 mm) roll, nominal 1/2 in (12.7 mm) mesh and 19-gauge wire. Reference grid is 0.541 in (13.74 mm) pitch with 0.041 in (1.04 mm) wire; receiving measurements control. Enlarged side blank overlap and positive relief lands are this revision’s cuts.
HINGE-SURFACE · McMaster surface-mount removable-pin hinges Direct product listing	1798A21 Needed 6 + 0 trial units; 2 per package; buy 3 package(s)	Six 1798A21 hinges, three per tall door. Twelve matched rigid pads move both leaves forward; actual screw engagement, full plate support, extraction and custom mounting acceptance are H02.

Materials and hardware · continued

Choose ONE veneer species: three 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. FINISH is a two-quart-can pack. Resolve H01–H06 before dependent work. No purchase or address-specific stock check has been made.

Product	Model and quantities	Fit / purchase condition
GLUE · Titebond III Ultimate Direct product listing	1414 Needed 1 + 0 trial units; 1 per package; buy 1 package(s)	Titebond III wood-lamination glue; follow maker temperature, clamp and no-stress waits. Not the veneer adhesive and not a structural or continuous-submersion approval.
SCREW8-125 · #8 × 1.25" flat-head wood screw Direct product listing	35054 Needed 96 + 8 trial units; 100 per package; buy 2 package(s)	Installed count plus explicit trial allowance for this build. Transfer actual root/head dimensions to stopped pilots; include drill-point length and preserve positive back cover. No load rating inferred.
SCREW8-175 · #8 × 1.75" flat-head wood screw Direct product listing	35056 Needed 88 + 8 trial units; 75 per package; buy 2 package(s)	Installed count plus explicit trial allowance for this build. Transfer actual root/head dimensions to stopped pilots; include drill-point length and preserve positive back cover. No load rating inferred.

Materials and hardware · continued

Choose ONE veneer species: three 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. FINISH is a two-quart-can pack. Resolve H01–H06 before dependent work. No purchase or address-specific stock check has been made.

Product	Model and quantities	Fit / purchase condition
SCREW8-250 · #8 × 2.5" flat-head wood screw Direct product listing	35058 Needed 23 + 8 trial units; 50 per package; buy 1 package(s)	Installed count plus explicit trial allowance for this build. Transfer actual root/head dimensions to stopped pilots; include drill-point length and preserve positive back cover. No load rating inferred.
SCREW6-125 · #6 × 1.25" flat-head wood screw Direct product listing	490007 Needed 24 + 8 trial units; 10 per package; buy 4 package(s)	Installed count plus explicit trial allowance for this build. Transfer actual root/head dimensions to stopped pilots; include drill-point length and preserve positive back cover. No load rating inferred.
HASP · National Hardware black swivel-staple safety hasp, 3-1/4 inch Direct product listing	N305-979 Needed 2 + 0 trial units; 1 per package; buy 2 package(s)	Two N305-979 hasps: narrow bases on moving latch stiles, swivels on fixed FE, staggered at 23 and 29 in (736.6 mm). Physical independent release, supplied shape and screw margins govern; no padlock required for ordinary opening.

Materials and hardware · continued

Choose ONE veneer species: three 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. FINISH is a two-quart-can pack. Resolve H01–H06 before dependent work. No purchase or address-specific stock check has been made.

Product	Model and quantities	Fit / purchase condition
HASP-SCREW · Everbilt #10 × 5/8-inch zinc-plated Phillips flat-head wood screws, 12-pack Direct product listing	825391 Needed 14 + 4 trial units; 12 per package; buy 2 package(s)	Fourteen #10 × 5/8 in (15.88 mm) screws installed, four trial allowance. Trial actual head seating in the hasp without altering manufactured holes, and keep positive wood behind tips.
L15 · Hillman steel flat, 1 × 1/8 × 36 inches Direct product listing	11653 Needed 1 + 0 trial units; 1 per package; buy 1 package(s)	Two 14 in (355.6 mm) × 1 in (25.4 mm) × 1/8 in (3.18 mm) steel strips from a 36 in (914.4 mm) bar. Current axes are 8.262 and 12.049 in (306.04 mm) from case left; 13 in (330.2 mm) hole centres. Revised 0.209 in (5.31 mm) seats leave 0.541 in (13.74 mm) wood below. This is reference geometry, not a tested load path.
FIXTURE · Fluker Mini Sun Dome — optional screen-top fixture Direct product listing	27004 Needed 1 + 0 trial units; 1 per package; buy 1 package(s)	Optional Fluker 27004 example only. Actual rigid rim must contact both steel strips at four points, assembled fixture mass must be measured, and roof/load/thermal testing remains open. The right roof stays heat-free; wattage ceiling is not an operating recommendation.

Materials and hardware · continued

Choose ONE veneer species: three 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. FINISH is a two-quart-can pack. Resolve H01–H06 before dependent work. No purchase or address-specific stock check has been made.

Product	Model and quantities	Fit / purchase condition
BOLT · Bolt Depot 1265 stainless 18-8 #10-24 × 2-1/2-inch Phillips flat-head machine screw Direct product listing	1265 Needed 38 + 2 trial units; 1 per package; buy 40 package(s)	Thirty-eight outside flat-head #10-24 82-degree screen screws. Buy 2 1/2 in (63.5 mm), reference fit to 1 7/8 in (47.63 mm) from the real stack. Retain full nylon engagement, two exposed threads and spare closed-cover depth.
WASHER · Hillman stainless fender washer Direct product listing	882073 Needed 38 + 2 trial units; 5 per package; buy 8 package(s)	One 1 in (25.4 mm)-OD, 1/4 in (6.35 mm)-bore washer inside each of 38 stations; no outside washer. Maintain full wood seating and inside tool access; dimensions are receiving checks.
NUT · Hillman stainless #10-24 nylon-insert locknut Direct product listing	126896 Needed 38 + 2 trial units; 8 per package; buy 5 package(s)	One #10-24 nylon-insert locknut inside each station, plus two trial nuts. The closed cover does not replace the locknut. Received nut height/nylon engagement controls fitted length.

Materials and hardware · continued

Choose ONE veneer species: three 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. FINISH is a two-quart-can pack. Resolve H01–H06 before dependent work. No purchase or address-specific stock check has been made.

Product	Model and quantities	Fit / purchase condition
CAP · Hillman stainless #10-24 closed cap nut Direct product listing	126888 Needed 38 + 2 trial units; 3 per package; buy 14 package(s)	One closed #10-24 cover per retained inside tail, plus two trial pieces. Measure blind depth, deburr and trial. It must seat without bottoming; hold the locknut while fitting.
HSP · Everbilt solid aluminium flat bar, 1-1/2 × 36 × 1/8 inch Direct product listing	6215 Needed 2 + 0 trial units; 1 per package; buy 2 package(s)	Twelve 3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm) aluminum pads plus two trial pads. Minimum reference thickness 7/64 in (2.78 mm). Transfer actual holes; no veneer under the bearing pads. Qualified/supplier acceptance remains open.
VENEER-maple · Optional maple veneer, 48 × 96 inches, selected 3M PSA backing Direct product listing	maple-veneer-flat-cut Needed 3 + 0 trial units; 1 per package; buy 3 package(s) **Choose one veneer species**	One selected peel-and-stick backed wood veneer species, full exterior including roof and edges. Actual combined adhesive/backer/preseal/topcoat thickness must stay within 0.046 in (1.17 mm). Supplier balance/bond advice and full-size cured tall-door trial remain H01.

Materials and hardware · continued

Choose ONE veneer species: three 48 × 96 in (1219.2 × 2438.4 mm) sheets. Trial stock is included. FINISH is a two-quart-can pack. Resolve H01–H06 before dependent work. No purchase or address-specific stock check has been made.

Product	Model and quantities	Fit / purchase condition
VENEER-oak · Optional white oak veneer, 48 × 96 inches, selected 3M PSA backing Direct product listing	oak-veneer-white-flat-cut Needed 3 + 0 trial units; 1 per package; buy 3 package(s) **Choose one veneer species**	One selected peel-and-stick backed wood veneer species, full exterior including roof and edges. Actual combined adhesive/backer/preseal/topcoat thickness must stay within 0.046 in (1.17 mm). Supplier balance/bond advice and full-size cured tall-door trial remain H01.
VENEER-walnut · Optional walnut veneer, 48 × 96 inches, selected 3M PSA backing Direct product listing	walnut-veneer-flat-cut Needed 3 + 0 trial units; 1 per package; buy 3 package(s) **Choose one veneer species**	One selected peel-and-stick backed wood veneer species, full exterior including roof and edges. Actual combined adhesive/backer/preseal/topcoat thickness must stay within 0.046 in (1.17 mm). Supplier balance/bond advice and full-size cured tall-door trial remain H01.

Cut list

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
P01 · Floor	36 1/8 in (917.58 mm) × 24 1/8 in (612.78 mm) × 0.703 in (17.86 mm)	36 in (914.4 mm) × 24 in (609.6 mm) × 0.703 in (17.86 mm)
P02 · Roof	36 1/8 in (917.58 mm) × 24 1/8 in (612.78 mm) × 0.703 in (17.86 mm)	36 in (914.4 mm) × 24 in (609.6 mm) × 0.703 in (17.86 mm)
P03 · Left side	46.719 in (1186.66 mm) × 24 1/8 in (612.78 mm) × 0.703 in (17.86 mm)	46.594 in (1183.49 mm) × 24 in (609.6 mm) × 0.703 in (17.86 mm)
P04 · Right side	46.719 in (1186.66 mm) × 24 1/8 in (612.78 mm) × 0.703 in (17.86 mm)	46.594 in (1183.49 mm) × 24 in (609.6 mm) × 0.703 in (17.86 mm)
P05 · Back	46.719 in (1186.66 mm) × 34.719 in (881.86 mm) × 0.703 in (17.86 mm)	46.594 in (1183.49 mm) × 34.594 in (878.69 mm) × 0.703 in (17.86 mm)
FA · Front outer stile	46.719 in (1186.66 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)	46.594 in (1183.49 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
FB · Front outer stile	46.719 in (1186.66 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)	46.594 in (1183.49 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
FC · Front sill rail	29.719 in (754.86 mm) × 5 1/2 in (139.7 mm) × 3/4 in (19.05 mm)	29.594 in (751.69 mm) × 5 1/2 in (139.7 mm) × 3/4 in (19.05 mm)
FD · Front head rail	29.719 in (754.86 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)	29.594 in (751.69 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
FE · Front centre stile	38.719 in (983.46 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)	38.594 in (980.29 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)

Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
FF · Rear centre stile	46.719 in (1186.66 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)	46.594 in (1183.49 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
FGL · Rear sill half	16.172 in (410.77 mm) × 5 1/2 in (139.7 mm) × 3/4 in (19.05 mm)	16.047 in (407.59 mm) × 5 1/2 in (139.7 mm) × 3/4 in (19.05 mm)
FHL · Rear head half	16.172 in (410.77 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)	16.047 in (407.59 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
FGR · Rear sill half	16.172 in (410.77 mm) × 5 1/2 in (139.7 mm) × 3/4 in (19.05 mm)	16.047 in (407.59 mm) × 5 1/2 in (139.7 mm) × 3/4 in (19.05 mm)
FHR · Rear head half	16.172 in (410.77 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)	16.047 in (407.59 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
FI · Rear outer stile	38.719 in (983.46 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)	38.594 in (980.29 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
FJ · Rear outer stile	38.719 in (983.46 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)	38.594 in (980.29 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
D1A · Door 1 A	38.469 in (977.11 mm) × 1 1/2 in (38.1 mm) × 3/4 in (19.05 mm)	38.219 in (970.76 mm) × 1 7/16 in (36.51 mm) × 3/4 in (19.05 mm)
D1B · Door 1 B	38.469 in (977.11 mm) × 2 in (50.8 mm) × 3/4 in (19.05 mm)	38.219 in (970.76 mm) × 1 31/32 in (50.01 mm) × 3/4 in (19.05 mm)
D1C · Door 1 C	9.922 in (252.02 mm) × 1 1/2 in (38.1 mm) × 3/4 in (19.05 mm)	9.797 in (248.84 mm) × 1 7/16 in (36.51 mm) × 3/4 in (19.05 mm)

Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
D1D · Door 1 D	9.922 in (252.02 mm) × 1 1/2 in (38.1 mm) × 3/4 in (19.05 mm)	9.797 in (248.84 mm) × 1 7/16 in (36.51 mm) × 3/4 in (19.05 mm)
D1E · Door 1 E	13.422 in (340.92 mm) × 1 1/2 in (38.1 mm) × 3/4 in (19.05 mm)	13.20325 in (335.36 mm) × 1 7/16 in (36.51 mm) × 3/4 in (19.05 mm)
D1F · Door 1 F	13.422 in (340.92 mm) × 1 1/2 in (38.1 mm) × 3/4 in (19.05 mm)	13.20325 in (335.36 mm) × 1 7/16 in (36.51 mm) × 3/4 in (19.05 mm)
D1G · Door 1 G	35.469 in (900.91 mm) × 1 1/2 in (38.1 mm) × 3/4 in (19.05 mm)	35.344 in (897.74 mm) × 1 7/16 in (36.51 mm) × 3/4 in (19.05 mm)
D1H · Door 1 H	35.469 in (900.91 mm) × 2 in (50.8 mm) × 3/4 in (19.05 mm)	35.344 in (897.74 mm) × 1 31/32 in (50.01 mm) × 3/4 in (19.05 mm)
G1 · Door 1 OPTIX pane	36.094 in (916.79 mm) × 10.547 in (267.89 mm) × 0.22 in (5.59 mm)	36.094 in (916.79 mm) × 10.547 in (267.89 mm) × 0.22 in (5.59 mm)
N1FB · Door 1 F cushion B	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)
N1FT · Door 1 F cushion T	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)
N1FL · Door 1 F cushion L	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)
N1FR · Door 1 F cushion R	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)

Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
N1RB · Door 1 R cushion B	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)
N1RT · Door 1 R cushion T	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)
N1RL · Door 1 R cushion L	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)
N1RR · Door 1 R cushion R	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)
N1S00 · Door 1 setting pad 0 layer 0	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)
N1S01 · Door 1 setting pad 0 layer 1	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)
N1S10 · Door 1 setting pad 1 layer 0	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)
N1S11 · Door 1 setting pad 1 layer 1	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)
Q1B · Door 1 spacer B	10.922 in (277.42 mm) × 3/4 in (19.05 mm) × 3/8 in (9.53 mm)	10.797 in (274.24 mm) × 3/4 in (19.05 mm) × 0.351 in (8.92 mm)
Q1T · Door 1 spacer T	10.922 in (277.42 mm) × 3/4 in (19.05 mm) × 3/8 in (9.53 mm)	10.797 in (274.24 mm) × 3/4 in (19.05 mm) × 0.351 in (8.92 mm)

Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
Q1L · Door 1 spacer L	37.969 in (964.41 mm) × 3/4 in (19.05 mm) × 3/8 in (9.53 mm)	37.844 in (961.24 mm) × 3/4 in (19.05 mm) × 0.351 in (8.92 mm)
Q1R · Door 1 spacer R	37.969 in (964.41 mm) × 3/4 in (19.05 mm) × 3/8 in (9.53 mm)	37.844 in (961.24 mm) × 3/4 in (19.05 mm) × 0.351 in (8.92 mm)
B1B · Door 1 retaining bead B	12.422 in (315.52 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)	12.297 in (312.34 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)
B1T · Door 1 retaining bead T	12.422 in (315.52 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)	12.297 in (312.34 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)
B1L · Door 1 retaining bead L	35.469 in (900.91 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)	35.344 in (897.74 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)
B1R · Door 1 retaining bead R	35.469 in (900.91 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)	35.344 in (897.74 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)
D2A · Door 2 A	38.469 in (977.11 mm) × 2 in (50.8 mm) × 3/4 in (19.05 mm)	38.219 in (970.76 mm) × 1 31/32 in (50.01 mm) × 3/4 in (19.05 mm)
D2B · Door 2 B	38.469 in (977.11 mm) × 1 1/2 in (38.1 mm) × 3/4 in (19.05 mm)	38.219 in (970.76 mm) × 1 7/16 in (36.51 mm) × 3/4 in (19.05 mm)
D2C · Door 2 C	9.922 in (252.02 mm) × 1 1/2 in (38.1 mm) × 3/4 in (19.05 mm)	9.797 in (248.84 mm) × 1 7/16 in (36.51 mm) × 3/4 in (19.05 mm)
D2D · Door 2 D	9.922 in (252.02 mm) × 1 1/2 in (38.1 mm) × 3/4 in (19.05 mm)	9.797 in (248.84 mm) × 1 7/16 in (36.51 mm) × 3/4 in (19.05 mm)

Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
D2E · Door 2 E	13.422 in (340.92 mm) × 1 1/2 in (38.1 mm) × 3/4 in (19.05 mm)	13.20325 in (335.36 mm) × 1 7/16 in (36.51 mm) × 3/4 in (19.05 mm)
D2F · Door 2 F	13.422 in (340.92 mm) × 1 1/2 in (38.1 mm) × 3/4 in (19.05 mm)	13.20325 in (335.36 mm) × 1 7/16 in (36.51 mm) × 3/4 in (19.05 mm)
D2G · Door 2 G	35.469 in (900.91 mm) × 2 in (50.8 mm) × 3/4 in (19.05 mm)	35.344 in (897.74 mm) × 1 31/32 in (50.01 mm) × 3/4 in (19.05 mm)
D2H · Door 2 H	35.469 in (900.91 mm) × 1 1/2 in (38.1 mm) × 3/4 in (19.05 mm)	35.344 in (897.74 mm) × 1 7/16 in (36.51 mm) × 3/4 in (19.05 mm)
G2 · Door 2 OPTIX pane	36.094 in (916.79 mm) × 10.547 in (267.89 mm) × 0.22 in (5.59 mm)	36.094 in (916.79 mm) × 10.547 in (267.89 mm) × 0.22 in (5.59 mm)
N2FB · Door 2 F cushion B	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)
N2FT · Door 2 F cushion T	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)
N2FL · Door 2 F cushion L	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)
N2FR · Door 2 F cushion R	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)
N2RB · Door 2 R cushion B	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)

Cut list · continued

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Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
N2RT · Door 2 R cushion T	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)
N2RL · Door 2 R cushion L	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)
N2RR · Door 2 R cushion R	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm) × 1/16 in (1.59 mm)
N2S00 · Door 2 setting pad 0 layer 0	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)
N2S01 · Door 2 setting pad 0 layer 1	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)
N2S10 · Door 2 setting pad 1 layer 0	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)
N2S11 · Door 2 setting pad 1 layer 1	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm) × 1/16 in (1.59 mm)
Q2B · Door 2 spacer B	10.922 in (277.42 mm) × 3/4 in (19.05 mm) × 3/8 in (9.53 mm)	10.797 in (274.24 mm) × 3/4 in (19.05 mm) × 0.351 in (8.92 mm)
Q2T · Door 2 spacer T	10.922 in (277.42 mm) × 3/4 in (19.05 mm) × 3/8 in (9.53 mm)	10.797 in (274.24 mm) × 3/4 in (19.05 mm) × 0.351 in (8.92 mm)
Q2L · Door 2 spacer L	37.969 in (964.41 mm) × 3/4 in (19.05 mm) × 3/8 in (9.53 mm)	37.844 in (961.24 mm) × 3/4 in (19.05 mm) × 0.351 in (8.92 mm)

Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
Q2R · Door 2 spacer R	37.969 in (964.41 mm) × 3/4 in (19.05 mm) × 3/8 in (9.53 mm)	37.844 in (961.24 mm) × 3/4 in (19.05 mm) × 0.351 in (8.92 mm)
B2B · Door 2 retaining bead B	12.422 in (315.52 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)	12.297 in (312.34 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)
B2T · Door 2 retaining bead T	12.422 in (315.52 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)	12.297 in (312.34 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)
B2L · Door 2 retaining bead L	35.469 in (900.91 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)	35.344 in (897.74 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)
B2R · Door 2 retaining bead R	35.469 in (900.91 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)	35.344 in (897.74 mm) × 1 1/4 in (31.75 mm) × 1/4 in (6.35 mm)
CLB · L side B cleat	18.922 in (480.62 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	18.797 in (477.44 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CLT · L side T cleat	18.922 in (480.62 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	18.797 in (477.44 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CLV · Rear corner cleat	46.719 in (1186.66 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	46.594 in (1183.49 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CRB · R side B cleat	18.922 in (480.62 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	18.797 in (477.44 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CRT · R side T cleat	18.922 in (480.62 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	18.797 in (477.44 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)

Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
CRV · Rear corner cleat	46.719 in (1186.66 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	46.594 in (1183.49 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CFB · F floor cleat	31.719 in (805.66 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	31.594 in (802.49 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CBB · B floor cleat	31.719 in (805.66 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	31.594 in (802.49 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
RF · F roof ledger	31.719 in (805.66 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	31.594 in (802.49 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
RB · B roof ledger	31.719 in (805.66 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)	31.594 in (802.49 mm) × 1 1/2 in (38.1 mm) × 1 1/2 in (38.1 mm)
CCa · Front bearing column layer A	42.385 in (1076.58 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)	42.26 in (1073.4 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
CCb · Front bearing column layer B	42.385 in (1076.58 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)	42.26 in (1073.4 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)
RC · Roof centre rib	21.922 in (556.82 mm) × 1 1/2 in (38.1 mm) × 1.334 in (33.88 mm)	21.797 in (553.64 mm) × 1 1/2 in (38.1 mm) × 1.334 in (33.88 mm)
M01 · Roof mesh blank	29 in (736.6 mm) × 13 in (330.2 mm) × 0.084 in (2.13 mm)	29 in (736.6 mm) × 13 in (330.2 mm) × 0.084 in (2.13 mm)
RB1L · Roof capture batten	14 3/8 in (365.13 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)	14 1/4 in (361.95 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)

Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
RB1R · Roof capture batten	14 3/8 in (365.13 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)	14 1/4 in (361.95 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)
RB2L · Roof capture batten	14 3/8 in (365.13 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)	14 1/4 in (361.95 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)
RB2R · Roof capture batten	14 3/8 in (365.13 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)	14 1/4 in (361.95 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)
RB3 · Roof capture batten	12 1/8 in (307.98 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)	12 in (304.8 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)
RB4 · Roof capture batten	12 1/8 in (307.98 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)	12 in (304.8 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)
ML · L vent mesh	13 in (330.2 mm) × 3 1/2 in (88.9 mm) × 0.084 in (2.13 mm)	13 in (330.2 mm) × 3 1/2 in (88.9 mm) × 0.084 in (2.13 mm)
VLB · L vent capture B	14 1/8 in (358.78 mm) × 1 1/4 in (31.75 mm) × 3/4 in (19.05 mm)	14 in (355.6 mm) × 1 1/4 in (31.75 mm) × 3/4 in (19.05 mm)
VLT · L vent capture T	14 1/8 in (358.78 mm) × 1 1/4 in (31.75 mm) × 3/4 in (19.05 mm)	14 in (355.6 mm) × 1 1/4 in (31.75 mm) × 3/4 in (19.05 mm)
VLF · L vent capture F	2 1/8 in (53.98 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)	2 in (50.8 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)
VLR · L vent capture R	2 1/8 in (53.98 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)	2 in (50.8 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)

Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
MR · R vent mesh	13 in (330.2 mm) × 3 1/2 in (88.9 mm) × 0.084 in (2.13 mm)	13 in (330.2 mm) × 3 1/2 in (88.9 mm) × 0.084 in (2.13 mm)
VRB · R vent capture B	14 1/8 in (358.78 mm) × 1 1/4 in (31.75 mm) × 3/4 in (19.05 mm)	14 in (355.6 mm) × 1 1/4 in (31.75 mm) × 3/4 in (19.05 mm)
VRT · R vent capture T	14 1/8 in (358.78 mm) × 1 1/4 in (31.75 mm) × 3/4 in (19.05 mm)	14 in (355.6 mm) × 1 1/4 in (31.75 mm) × 3/4 in (19.05 mm)
VRF · R vent capture F	2 1/8 in (53.98 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)	2 in (50.8 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)
VRR · R vent capture R	2 1/8 in (53.98 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)	2 in (50.8 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)
S10 · Door bottom stop	1 1/8 in (28.58 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)	1 in (25.4 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)
S11 · Door bottom stop	1 1/8 in (28.58 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)	1 in (25.4 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)
S20 · Door bottom stop	1 1/8 in (28.58 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)	1 in (25.4 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)
S21 · Door bottom stop	1 1/8 in (28.58 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)	1 in (25.4 mm) × 1 in (25.4 mm) × 3/4 in (19.05 mm)
RT · External rear restraint receiver	31.719 in (805.66 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)	31.594 in (802.49 mm) × 2 1/2 in (63.5 mm) × 3/4 in (19.05 mm)

Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
LB1 · Steel strip below the left lamp area	14 in (355.6 mm) × 1 in (25.4 mm) × 1/8 in (3.18 mm)	14 in (355.6 mm) × 1 in (25.4 mm) × 1/8 in (3.18 mm)
LB2 · Steel strip below the left lamp area	14 in (355.6 mm) × 1 in (25.4 mm) × 1/8 in (3.18 mm)	14 in (355.6 mm) × 1 in (25.4 mm) × 1/8 in (3.18 mm)
SP-H11-fixed · Rigid full-leaf bearing pad H11 fixed	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)
SP-H11-moving · Rigid full-leaf bearing pad H11 moving	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)
SP-H12-fixed · Rigid full-leaf bearing pad H12 fixed	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)
SP-H12-moving · Rigid full-leaf bearing pad H12 moving	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)
SP-H13-fixed · Rigid full-leaf bearing pad H13 fixed	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)
SP-H13-moving · Rigid full-leaf bearing pad H13 moving	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)
SP-H21-moving · Rigid full-leaf bearing pad H21 moving	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)
SP-H21-fixed · Rigid full-leaf bearing pad H21 fixed	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)

Cut list · continued

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Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
SP-H22-moving · Rigid full-leaf bearing pad H22 moving	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)
SP-H22-fixed · Rigid full-leaf bearing pad H22 fixed	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)
SP-H23-moving · Rigid full-leaf bearing pad H23 moving	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)
SP-H23-fixed · Rigid full-leaf bearing pad H23 fixed	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm) × 1/8 in (3.18 mm)
V-floor-under · Exterior veneer · floor-under	36.561 in (928.65 mm) × 24.561 in (623.85 mm) × 0.0305 in (0.77 mm)	36.061 in (915.95 mm) × 24.061 in (611.15 mm) × 0.0305 in (0.77 mm)
V-roof-top · Exterior veneer · roof-top	36.561 in (928.65 mm) × 24.561 in (623.85 mm) × 0.0305 in (0.77 mm)	36.061 in (915.95 mm) × 24.061 in (611.15 mm) × 0.0305 in (0.77 mm)
V-P01-front · Exterior veneer · P01-front	36.561 in (928.65 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	36.061 in (915.95 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P01-back · Exterior veneer · P01-back	36.561 in (928.65 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	36.061 in (915.95 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P01-left · Exterior veneer · P01-left	24 1/2 in (622.3 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	24 in (609.6 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P01-right · Exterior veneer · P01-right	24 1/2 in (622.3 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	24 in (609.6 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)

Cut list · continued

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Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
V-P02-front · Exterior veneer · P02-front	36.561 in (928.65 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	36.061 in (915.95 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P02-back · Exterior veneer · P02-back	36.561 in (928.65 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	36.061 in (915.95 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P02-left · Exterior veneer · P02-left	24 1/2 in (622.3 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	24 in (609.6 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P02-right · Exterior veneer · P02-right	24 1/2 in (622.3 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	24 in (609.6 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P03-face · Exterior veneer · P03-face	47.094 in (1196.19 mm) × 24 1/2 in (622.3 mm) × 0.0305 in (0.77 mm)	46.594 in (1183.49 mm) × 24 in (609.6 mm) × 0.0305 in (0.77 mm)
V-P03-front · Exterior veneer · P03-front	47.094 in (1196.19 mm) × 1.2335 in (31.33 mm) × 0.0305 in (0.77 mm)	46.594 in (1183.49 mm) × 0.7335 in (18.63 mm) × 0.0305 in (0.77 mm)
V-P03-back · Exterior veneer · P03-back	47.094 in (1196.19 mm) × 1.2335 in (31.33 mm) × 0.0305 in (0.77 mm)	46.594 in (1183.49 mm) × 0.7335 in (18.63 mm) × 0.0305 in (0.77 mm)
V-P03-vent-near · Exterior veneer · P03-vent-near	2.439 in (61.95 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	1.939 in (49.25 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P03-vent-far · Exterior veneer · P03-vent-far	2.439 in (61.95 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	1.939 in (49.25 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P03-vent-bottom · Exterior veneer · P03-vent-bottom	12 1/2 in (317.5 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	12 in (304.8 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)

Cut list · continued

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Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
V-P03-vent-top · Exterior veneer · P03-vent-top	12 1/2 in (317.5 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	12 in (304.8 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P04-face · Exterior veneer · P04-face	47.094 in (1196.19 mm) × 24 1/2 in (622.3 mm) × 0.0305 in (0.77 mm)	46.594 in (1183.49 mm) × 24 in (609.6 mm) × 0.0305 in (0.77 mm)
V-P04-front · Exterior veneer · P04-front	47.094 in (1196.19 mm) × 1.2335 in (31.33 mm) × 0.0305 in (0.77 mm)	46.594 in (1183.49 mm) × 0.7335 in (18.63 mm) × 0.0305 in (0.77 mm)
V-P04-back · Exterior veneer · P04-back	47.094 in (1196.19 mm) × 1.2335 in (31.33 mm) × 0.0305 in (0.77 mm)	46.594 in (1183.49 mm) × 0.7335 in (18.63 mm) × 0.0305 in (0.77 mm)
V-P04-vent-near · Exterior veneer · P04-vent-near	2.439 in (61.95 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	1.939 in (49.25 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P04-vent-far · Exterior veneer · P04-vent-far	2.439 in (61.95 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	1.939 in (49.25 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P04-vent-bottom · Exterior veneer · P04-vent-bottom	12 1/2 in (317.5 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	12 in (304.8 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-P04-vent-top · Exterior veneer · P04-vent-top	12 1/2 in (317.5 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	12 in (304.8 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-back · Exterior veneer · back	47.094 in (1196.19 mm) × 35.094 in (891.39 mm) × 0.0305 in (0.77 mm)	46.594 in (1183.49 mm) × 34.594 in (878.69 mm) × 0.0305 in (0.77 mm)
V-RT-back · Exterior veneer · RT-back	32.155 in (816.74 mm) × 3.061 in (77.75 mm) × 0.0305 in (0.77 mm)	31.655 in (804.04 mm) × 2.561 in (65.05 mm) × 0.0305 in (0.77 mm)

Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
V-RT-left · Exterior veneer · RT-left	3 in (76.2 mm) × 1 1/4 in (31.75 mm) × 0.0305 in (0.77 mm)	2 1/2 in (63.5 mm) × 3/4 in (19.05 mm) × 0.0305 in (0.77 mm)
V-RT-right · Exterior veneer · RT-right	3 in (76.2 mm) × 1 1/4 in (31.75 mm) × 0.0305 in (0.77 mm)	2 1/2 in (63.5 mm) × 3/4 in (19.05 mm) × 0.0305 in (0.77 mm)
V-RT-bottom · Exterior veneer · RT-bottom	32.155 in (816.74 mm) × 1 1/4 in (31.75 mm) × 0.0305 in (0.77 mm)	31.655 in (804.04 mm) × 3/4 in (19.05 mm) × 0.0305 in (0.77 mm)
V-RT-top · Exterior veneer · RT-top	32.155 in (816.74 mm) × 1 1/4 in (31.75 mm) × 0.0305 in (0.77 mm)	31.655 in (804.04 mm) × 3/4 in (19.05 mm) × 0.0305 in (0.77 mm)
V-roof-opening-1-left · Exterior veneer · roof-opening-1-left	12.439 in (315.95 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	11.939 in (303.25 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-roof-opening-1-right · Exterior veneer · roof-opening-1-right	12.439 in (315.95 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	11.939 in (303.25 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-roof-opening-1-front · Exterior veneer · roof-opening-1-front	13 3/4 in (349.25 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	13 1/4 in (336.55 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-roof-opening-1-back · Exterior veneer · roof-opening-1-back	13 3/4 in (349.25 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	13 1/4 in (336.55 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-roof-opening-2-left · Exterior veneer · roof-opening-2-left	12.439 in (315.95 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	11.939 in (303.25 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-roof-opening-2-right · Exterior veneer · roof-opening-2-right	12.439 in (315.95 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	11.939 in (303.25 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)

Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
V-roof-opening-2-front · Exterior veneer · roof-opening-2-front	13 3/4 in (349.25 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	13 1/4 in (336.55 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-roof-opening-2-back · Exterior veneer · roof-opening-2-back	13 3/4 in (349.25 mm) × 1.203 in (30.56 mm) × 0.0305 in (0.77 mm)	13 1/4 in (336.55 mm) × 0.703 in (17.86 mm) × 0.0305 in (0.77 mm)
V-FA-front · Exterior veneer · FA-front	47.094 in (1196.19 mm) × 3 in (76.2 mm) × 0.0305 in (0.77 mm)	46.594 in (1183.49 mm) × 2 1/2 in (63.5 mm) × 0.0305 in (0.77 mm)
V-FB-front · Exterior veneer · FB-front	47.094 in (1196.19 mm) × 3 in (76.2 mm) × 0.0305 in (0.77 mm)	46.594 in (1183.49 mm) × 2 1/2 in (63.5 mm) × 0.0305 in (0.77 mm)
V-FC-front · Exterior veneer · FC-front	30.094 in (764.39 mm) × 6 in (152.4 mm) × 0.0305 in (0.77 mm)	29.594 in (751.69 mm) × 5 1/2 in (139.7 mm) × 0.0305 in (0.77 mm)
V-FD-front · Exterior veneer · FD-front	30.094 in (764.39 mm) × 3 in (76.2 mm) × 0.0305 in (0.77 mm)	29.594 in (751.69 mm) × 2 1/2 in (63.5 mm) × 0.0305 in (0.77 mm)
V-FE-front · Exterior veneer · FE-front	39.094 in (992.99 mm) × 3 in (76.2 mm) × 0.0305 in (0.77 mm)	38.594 in (980.29 mm) × 2 1/2 in (63.5 mm) × 0.0305 in (0.77 mm)
V-L-jamb-left · Exterior veneer · L-jamb-left	39.033 in (991.44 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	38.533 in (978.74 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-L-jamb-right · Exterior veneer · L-jamb-right	39.033 in (991.44 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	38.533 in (978.74 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-L-sill · Exterior veneer · L-sill	14.047 in (356.79 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	13.547 in (344.09 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)

Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
V-L-head · Exterior veneer · L-head	14.047 in (356.79 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	13.547 in (344.09 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-R-jamb-left · Exterior veneer · R-jamb-left	39.033 in (991.44 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	38.533 in (978.74 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-R-jamb-right · Exterior veneer · R-jamb-right	39.033 in (991.44 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	38.533 in (978.74 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-R-sill · Exterior veneer · R-sill	14.047 in (356.79 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	13.547 in (344.09 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-R-head · Exterior veneer · R-head	14.047 in (356.79 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	13.547 in (344.09 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D1A-front · Exterior veneer · D1A-front	38.78 in (985.01 mm) × 1.968 in (49.99 mm) × 0.0305 in (0.77 mm)	38.28 in (972.31 mm) × 1.468 in (37.29 mm) × 0.0305 in (0.77 mm)
V-D1B-front · Exterior veneer · D1B-front	38.78 in (985.01 mm) × 2.49925 in (63.48 mm) × 0.0305 in (0.77 mm)	38.28 in (972.31 mm) × 1.99925 in (50.78 mm) × 0.0305 in (0.77 mm)
V-D1C-front · Exterior veneer · D1C-front	10.297 in (261.54 mm) × 1.968 in (49.99 mm) × 0.0305 in (0.77 mm)	9.797 in (248.84 mm) × 1.468 in (37.29 mm) × 0.0305 in (0.77 mm)
V-D1D-front · Exterior veneer · D1D-front	10.297 in (261.54 mm) × 1.968 in (49.99 mm) × 0.0305 in (0.77 mm)	9.797 in (248.84 mm) × 1.468 in (37.29 mm) × 0.0305 in (0.77 mm)
V-D1-hinge-edge · Exterior veneer · D1-hinge-edge	38.719 in (983.46 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	38.219 in (970.76 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)

Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
V-D1-latch-edge · Exterior veneer · D1-latch-edge	38.719 in (983.46 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	38.219 in (970.76 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D1-bottom · Exterior veneer · D1-bottom	13.76425 in (349.61 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	13.26425 in (336.91 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D1-top · Exterior veneer · D1-top	13.76425 in (349.61 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	13.26425 in (336.91 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D1-window-left · Exterior veneer · D1-window-left	35.783 in (908.89 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	35.283 in (896.19 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D1-window-right · Exterior veneer · D1-window-right	35.783 in (908.89 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	35.283 in (896.19 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D1-window-bottom · Exterior veneer · D1-window-bottom	10.297 in (261.54 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	9.797 in (248.84 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D1-window-top · Exterior veneer · D1-window-top	10.297 in (261.54 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	9.797 in (248.84 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D2A-front · Exterior veneer · D2A-front	38.78 in (985.01 mm) × 2.49925 in (63.48 mm) × 0.0305 in (0.77 mm)	38.28 in (972.31 mm) × 1.99925 in (50.78 mm) × 0.0305 in (0.77 mm)
V-D2B-front · Exterior veneer · D2B-front	38.78 in (985.01 mm) × 1.968 in (49.99 mm) × 0.0305 in (0.77 mm)	38.28 in (972.31 mm) × 1.468 in (37.29 mm) × 0.0305 in (0.77 mm)
V-D2C-front · Exterior veneer · D2C-front	10.297 in (261.54 mm) × 1.968 in (49.99 mm) × 0.0305 in (0.77 mm)	9.797 in (248.84 mm) × 1.468 in (37.29 mm) × 0.0305 in (0.77 mm)

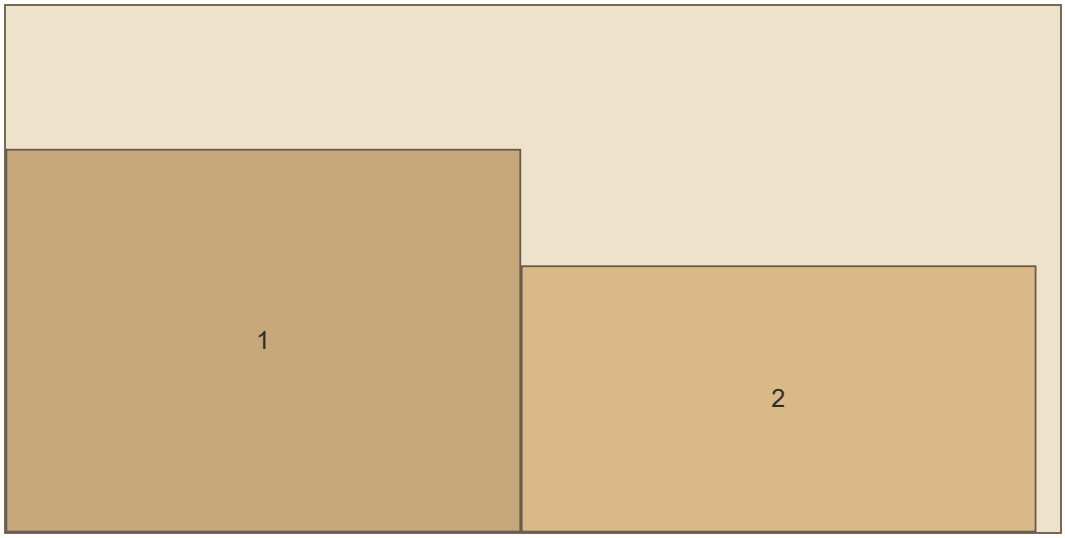
Cut list · continued

One of each ID; length follows grain. Start with the stock layouts: pine strip allocations include an extra 1/8 in (3.18 mm) rip allowance. Trim to these pre-fit sizes, then fit to the assembly. Sills use full factory width. Finished sizes are reference geometry; V-parts include the cured veneer stack. Q spacers start 3/8 in (9.53 mm) thick; fit their listed depth after the cured-stack trial. Solid neoprene has no assumed compression.

Part	Pre-fit length × width × stock thickness	Finished length × width × thickness
V-D2D-front · Exterior veneer · D2D-front	10.297 in (261.54 mm) × 1.968 in (49.99 mm) × 0.0305 in (0.77 mm)	9.797 in (248.84 mm) × 1.468 in (37.29 mm) × 0.0305 in (0.77 mm)
V-D2-hinge-edge · Exterior veneer · D2-hinge-edge	38.719 in (983.46 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	38.219 in (970.76 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D2-latch-edge · Exterior veneer · D2-latch-edge	38.719 in (983.46 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	38.219 in (970.76 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D2-bottom · Exterior veneer · D2-bottom	13.76425 in (349.61 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	13.26425 in (336.91 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D2-top · Exterior veneer · D2-top	13.76425 in (349.61 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	13.26425 in (336.91 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D2-window-left · Exterior veneer · D2-window-left	35.783 in (908.89 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	35.283 in (896.19 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D2-window-right · Exterior veneer · D2-window-right	35.783 in (908.89 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	35.283 in (896.19 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D2-window-bottom · Exterior veneer · D2-window-bottom	10.297 in (261.54 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	9.797 in (248.84 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)
V-D2-window-top · Exterior veneer · D2-window-top	10.297 in (261.54 mm) × 2 in (50.8 mm) × 0.0305 in (0.77 mm)	9.797 in (248.84 mm) × 1 1/2 in (38.1 mm) × 0.0305 in (0.77 mm)

PLY-1 · rough-stock cutting plan

PLY-1 · numbered rough-stock allocation



96 in (2438.4 mm) × 48 in (1219.2 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

PLY-1 · rough blank positions

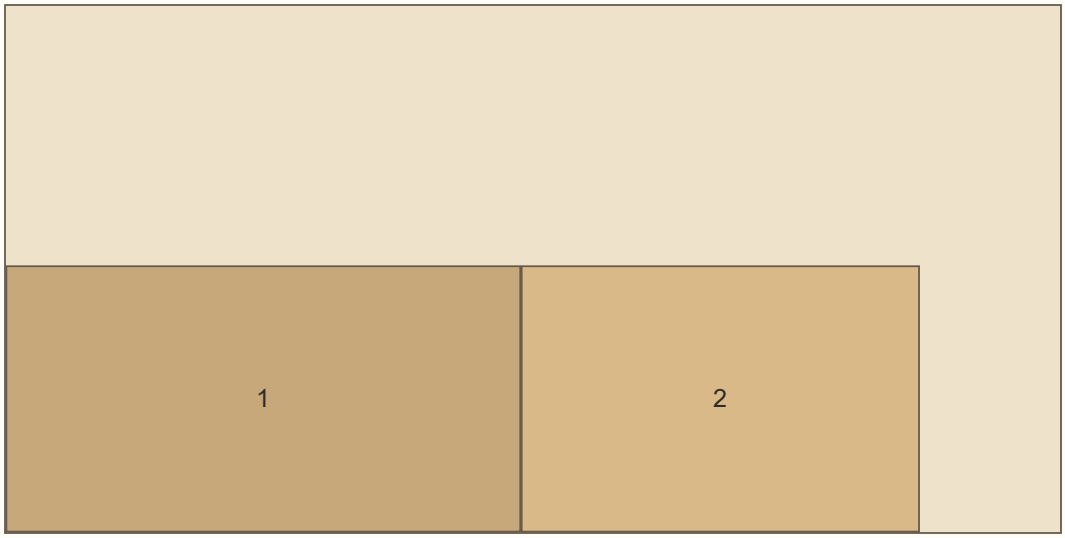
Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · P05	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	46.719 in (1186.66 mm) × 34.719 in (881.86 mm)
2 · P03	46.969 in (1193.01 mm) / 1/8 in (3.18 mm)	46.719 in (1186.66 mm) × 24 1/8 in (612.78 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

PLY-2 · rough-stock cutting plan

PLY-2 · numbered rough-stock allocation



96 in (2438.4 mm) × 48 in (1219.2 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

PLY-2 · rough blank positions

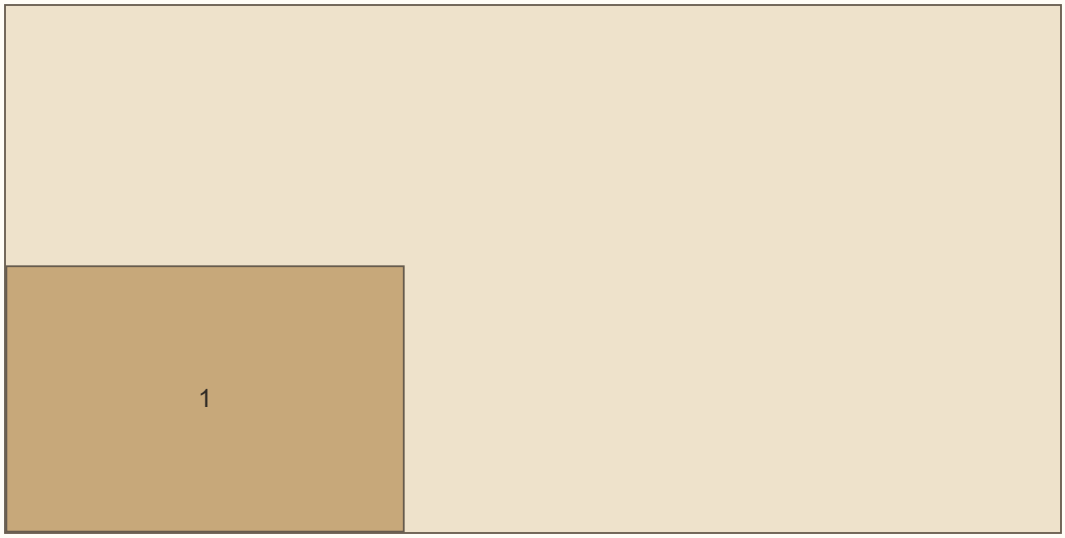
Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · P04	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	46.719 in (1186.66 mm) × 24 1/8 in (612.78 mm)
2 · P01	46.969 in (1193.01 mm) / 1/8 in (3.18 mm)	36 1/8 in (917.58 mm) × 24 1/8 in (612.78 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

PLY-3 · rough-stock cutting plan

PLY-3 · numbered rough-stock allocation



96 in (2438.4 mm) × 48 in (1219.2 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

PLY-3 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

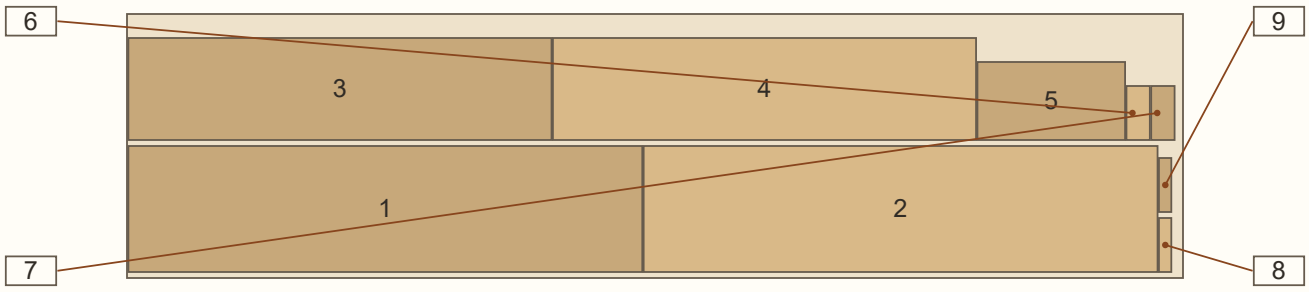
Number / ID	Stock X / Y	Rough length × width
1 · P02	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	36 1/8 in (917.58 mm) × 24 1/8 in (612.78 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

PINE-1 · rough-stock cutting plan

PINE-1 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



96 in (2438.4 mm) × 5 1/2 in (139.7 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

PINE-1 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

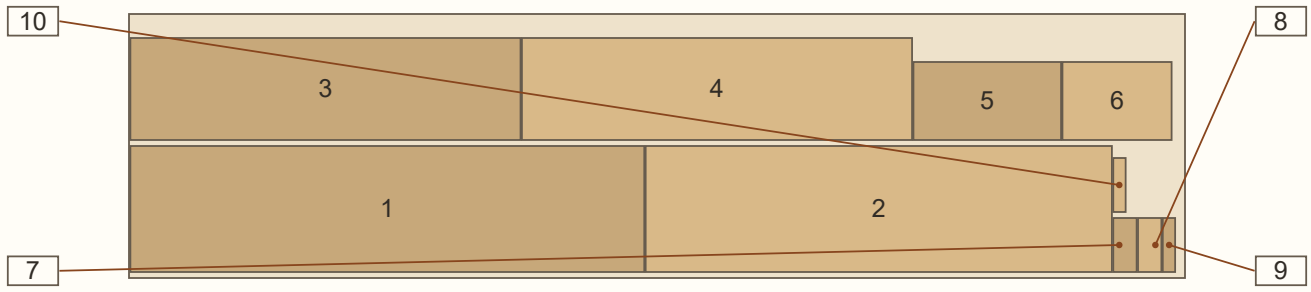
Number / ID	Stock X / Y	Rough length × width
1 · FA	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	46.719 in (1186.66 mm) × 2 5/8 in (66.68 mm)
2 · FB	46.969 in (1193.01 mm) / 1/8 in (3.18 mm)	46.719 in (1186.66 mm) × 2 5/8 in (66.68 mm)
3 · D1B	1/8 in (3.18 mm) / 2 7/8 in (73.03 mm)	38.469 in (977.11 mm) × 2 1/8 in (53.98 mm)
4 · D2A	38.719 in (983.46 mm) / 2 7/8 in (73.03 mm)	38.469 in (977.11 mm) × 2 1/8 in (53.98 mm)
5 · D1E	77.313 in (1963.75 mm) / 2 7/8 in (73.03 mm)	13.422 in (340.92 mm) × 1 5/8 in (41.28 mm)
6 · VLF	90.86 in (2307.84 mm) / 2 7/8 in (73.03 mm)	2 1/8 in (53.98 mm) × 1 1/8 in (28.58 mm)
7 · VLR	93.11 in (2364.99 mm) / 2 7/8 in (73.03 mm)	2 1/8 in (53.98 mm) × 1 1/8 in (28.58 mm)
8 · S10	93.813 in (2382.85 mm) / 1/8 in (3.18 mm)	1 1/8 in (28.58 mm) × 1 1/8 in (28.58 mm)
9 · S11	93.813 in (2382.85 mm) / 1 3/8 in (34.93 mm)	1 1/8 in (28.58 mm) × 1 1/8 in (28.58 mm)

Stock 96 in (2438.4 mm) × 5 1/2 in (139.7 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

PINE-2 · rough-stock cutting plan

PINE-2 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



96 in (2438.4 mm) × 5 1/2 in (139.7 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

PINE-2 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

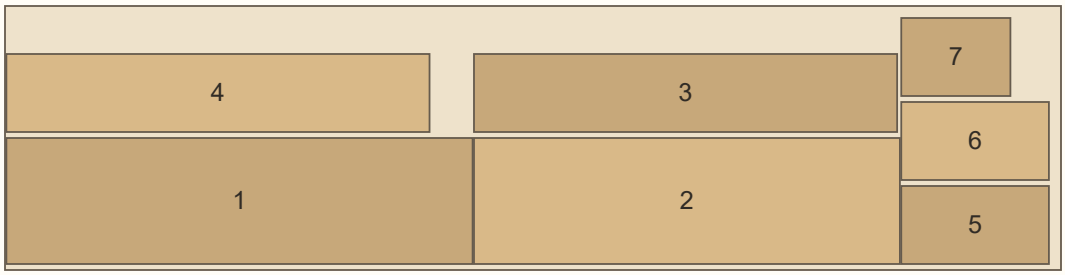
Number / ID	Stock X / Y	Rough length × width
1 · FF	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	46.719 in (1186.66 mm) × 2 5/8 in (66.68 mm)
2 · CCa	46.969 in (1193.01 mm) / 1/8 in (3.18 mm)	42.385 in (1076.58 mm) × 2 5/8 in (66.68 mm)
3 · D1H	1/8 in (3.18 mm) / 2 7/8 in (73.03 mm)	35.469 in (900.91 mm) × 2 1/8 in (53.98 mm)
4 · D2G	35.719 in (907.26 mm) / 2 7/8 in (73.03 mm)	35.469 in (900.91 mm) × 2 1/8 in (53.98 mm)
5 · D1F	71.313 in (1811.35 mm) / 2 7/8 in (73.03 mm)	13.422 in (340.92 mm) × 1 5/8 in (41.28 mm)
6 · D1C	84.86 in (2155.44 mm) / 2 7/8 in (73.03 mm)	9.922 in (252.02 mm) × 1 5/8 in (41.28 mm)
7 · VRF	89.479 in (2272.77 mm) / 1/8 in (3.18 mm)	2 1/8 in (53.98 mm) × 1 1/8 in (28.58 mm)
8 · VRR	91.729 in (2329.92 mm) / 1/8 in (3.18 mm)	2 1/8 in (53.98 mm) × 1 1/8 in (28.58 mm)
9 · S20	93.979 in (2387.07 mm) / 1/8 in (3.18 mm)	1 1/8 in (28.58 mm) × 1 1/8 in (28.58 mm)
10 · S21	89.479 in (2272.77 mm) / 1 3/8 in (34.93 mm)	1 1/8 in (28.58 mm) × 1 1/8 in (28.58 mm)

Stock 96 in (2438.4 mm) × 5 1/2 in (139.7 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

PINE-3 · rough-stock cutting plan

PINE-3 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



96 in (2438.4 mm) × 5 1/2 in (139.7 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

PINE-3 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

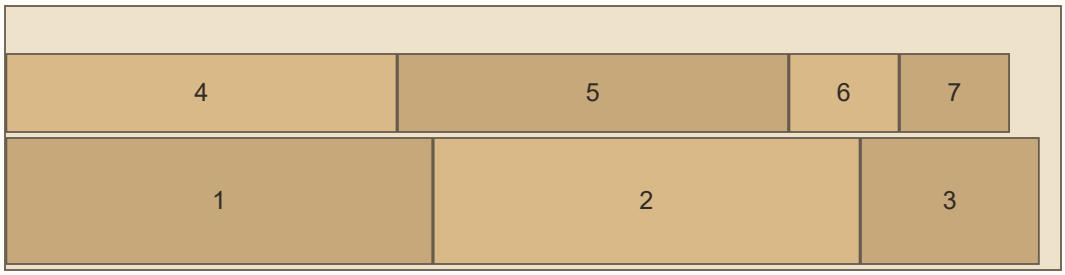
Number / ID	Stock X / Y	Rough length × width
1 · CCb	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	42.385 in (1076.58 mm) × 2 5/8 in (66.68 mm)
2 · FE	42.635 in (1082.93 mm) / 1/8 in (3.18 mm)	38.719 in (983.46 mm) × 2 5/8 in (66.68 mm)
3 · D1A	42.635 in (1082.93 mm) / 2 7/8 in (73.03 mm)	38.469 in (977.11 mm) × 1 5/8 in (41.28 mm)
4 · D2B	1/8 in (3.18 mm) / 2 7/8 in (73.03 mm)	38.469 in (977.11 mm) × 1 5/8 in (41.28 mm)
5 · D2E	81.479 in (2069.57 mm) / 1/8 in (3.18 mm)	13.422 in (340.92 mm) × 1 5/8 in (41.28 mm)
6 · D2F	81.479 in (2069.57 mm) / 1 7/8 in (47.63 mm)	13.422 in (340.92 mm) × 1 5/8 in (41.28 mm)
7 · D1D	81.479 in (2069.57 mm) / 3 5/8 in (92.08 mm)	9.922 in (252.02 mm) × 1 5/8 in (41.28 mm)

Stock 96 in (2438.4 mm) × 5 1/2 in (139.7 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

PINE-4 · rough-stock cutting plan

PINE-4 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



96 in (2438.4 mm) × 5 1/2 in (139.7 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

PINE-4 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

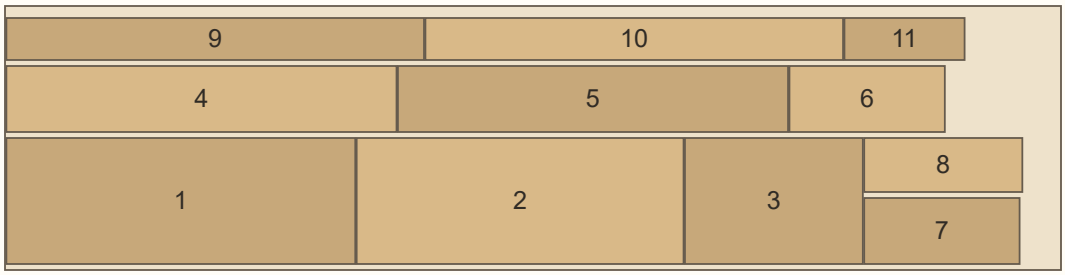
Number / ID	Stock X / Y	Rough length × width
1 · FI	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	38.719 in (983.46 mm) × 2 5/8 in (66.68 mm)
2 · FJ	38.969 in (989.81 mm) / 1/8 in (3.18 mm)	38.719 in (983.46 mm) × 2 5/8 in (66.68 mm)
3 · FHL	77.813 in (1976.45 mm) / 1/8 in (3.18 mm)	16.172 in (410.77 mm) × 2 5/8 in (66.68 mm)
4 · D1G	1/8 in (3.18 mm) / 2 7/8 in (73.03 mm)	35.469 in (900.91 mm) × 1 5/8 in (41.28 mm)
5 · D2H	35.719 in (907.26 mm) / 2 7/8 in (73.03 mm)	35.469 in (900.91 mm) × 1 5/8 in (41.28 mm)
6 · D2C	71.313 in (1811.35 mm) / 2 7/8 in (73.03 mm)	9.922 in (252.02 mm) × 1 5/8 in (41.28 mm)
7 · D2D	81.36 in (2066.54 mm) / 2 7/8 in (73.03 mm)	9.922 in (252.02 mm) × 1 5/8 in (41.28 mm)

Stock 96 in (2438.4 mm) × 5 1/2 in (139.7 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

PINE-5 · rough-stock cutting plan

PINE-5 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



96 in (2438.4 mm) × 5 1/2 in (139.7 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

PINE-5 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

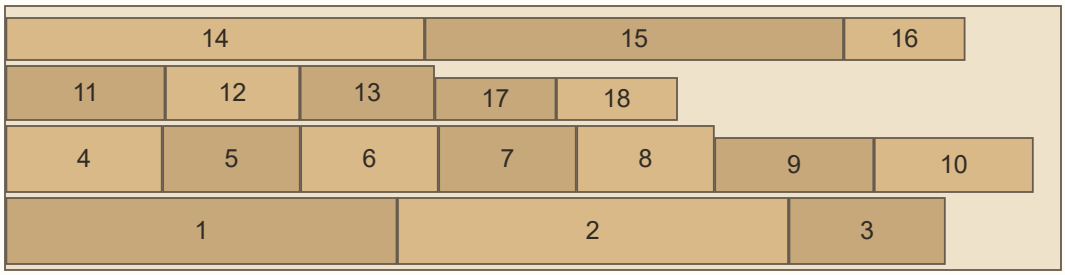
Number / ID	Stock X / Y	Rough length × width
1 · RT	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	31.719 in (805.66 mm) × 2 5/8 in (66.68 mm)
2 · FD	31.969 in (812.01 mm) / 1/8 in (3.18 mm)	29.719 in (754.86 mm) × 2 5/8 in (66.68 mm)
3 · FHR	61.813 in (1570.05 mm) / 1/8 in (3.18 mm)	16.172 in (410.77 mm) × 2 5/8 in (66.68 mm)
4 · B1L	1/8 in (3.18 mm) / 2 7/8 in (73.03 mm)	35.469 in (900.91 mm) × 1 3/8 in (34.93 mm)
5 · B1R	35.719 in (907.26 mm) / 2 7/8 in (73.03 mm)	35.469 in (900.91 mm) × 1 3/8 in (34.93 mm)
6 · VLB	71.313 in (1811.35 mm) / 2 7/8 in (73.03 mm)	14 1/8 in (358.78 mm) × 1 3/8 in (34.93 mm)
7 · VLT	78.11 in (1983.99 mm) / 1/8 in (3.18 mm)	14 1/8 in (358.78 mm) × 1 3/8 in (34.93 mm)
8 · RB1L	78.11 in (1983.99 mm) / 1 5/8 in (41.28 mm)	14 3/8 in (365.13 mm) × 1 1/8 in (28.58 mm)
9 · Q1L	1/8 in (3.18 mm) / 4 3/8 in (111.13 mm)	37.969 in (964.41 mm) × 7/8 in (22.23 mm)
10 · Q1R	38.219 in (970.76 mm) / 4 3/8 in (111.13 mm)	37.969 in (964.41 mm) × 7/8 in (22.23 mm)
11 · Q1B	76.313 in (1938.35 mm) / 4 3/8 in (111.13 mm)	10.922 in (277.42 mm) × 7/8 in (22.23 mm)

Stock 96 in (2438.4 mm) × 5 1/2 in (139.7 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

PINE-6 · rough-stock cutting plan

PINE-6 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



96 in (2438.4 mm) × 5 1/2 in (139.7 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

PINE-6 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · B2L	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	35.469 in (900.91 mm) × 1 3/8 in (34.93 mm)
2 · B2R	35.719 in (907.26 mm) / 1/8 in (3.18 mm)	35.469 in (900.91 mm) × 1 3/8 in (34.93 mm)
3 · VRB	71.313 in (1811.35 mm) / 1/8 in (3.18 mm)	14 1/8 in (358.78 mm) × 1 3/8 in (34.93 mm)
4 · VRT	1/8 in (3.18 mm) / 1 5/8 in (41.28 mm)	14 1/8 in (358.78 mm) × 1 3/8 in (34.93 mm)
5 · B1B	14 3/8 in (365.13 mm) / 1 5/8 in (41.28 mm)	12.422 in (315.52 mm) × 1 3/8 in (34.93 mm)
6 · B1T	26.922 in (683.82 mm) / 1 5/8 in (41.28 mm)	12.422 in (315.52 mm) × 1 3/8 in (34.93 mm)
7 · B2B	39.469 in (1002.51 mm) / 1 5/8 in (41.28 mm)	12.422 in (315.52 mm) × 1 3/8 in (34.93 mm)
8 · B2T	52.016 in (1321.21 mm) / 1 5/8 in (41.28 mm)	12.422 in (315.52 mm) × 1 3/8 in (34.93 mm)
9 · RB1R	64.563 in (1639.9 mm) / 1 5/8 in (41.28 mm)	14 3/8 in (365.13 mm) × 1 1/8 in (28.58 mm)
10 · RB2L	79.063 in (2008.2 mm) / 1 5/8 in (41.28 mm)	14 3/8 in (365.13 mm) × 1 1/8 in (28.58 mm)
11 · RB2R	1/8 in (3.18 mm) / 3 1/8 in (79.38 mm)	14 3/8 in (365.13 mm) × 1 1/8 in (28.58 mm)
12 · RB3	14 5/8 in (371.48 mm) / 3 1/8 in (79.38 mm)	12 1/8 in (307.98 mm) × 1 1/8 in (28.58 mm)
13 · RB4	26 7/8 in (682.63 mm) / 3 1/8 in (79.38 mm)	12 1/8 in (307.98 mm) × 1 1/8 in (28.58 mm)
14 · Q2L	1/8 in (3.18 mm) / 4 3/8 in (111.13 mm)	37.969 in (964.41 mm) × 7/8 in (22.23 mm)
15 · Q2R	38.219 in (970.76 mm) / 4 3/8 in (111.13 mm)	37.969 in (964.41 mm) × 7/8 in (22.23 mm)

Stock 96 in (2438.4 mm) × 5 1/2 in (139.7 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

PINE-6 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

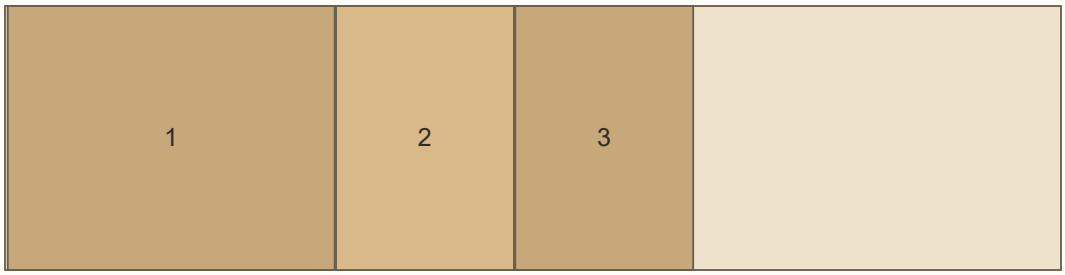
Number / ID	Stock X / Y	Rough length × width
16 · Q1T	76.313 in (1938.35 mm) / 4 3/8 in (111.13 mm)	10.922 in (277.42 mm) × 7/8 in (22.23 mm)
17 · Q2B	39 1/8 in (993.78 mm) / 3 1/8 in (79.38 mm)	10.922 in (277.42 mm) × 7/8 in (22.23 mm)
18 · Q2T	50.172 in (1274.37 mm) / 3 1/8 in (79.38 mm)	10.922 in (277.42 mm) × 7/8 in (22.23 mm)

Stock 96 in (2438.4 mm) × 5 1/2 in (139.7 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

PINE-SILL · rough-stock cutting plan

PINE-SILL · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



96 in (2438.4 mm) × 5 1/2 in (139.7 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Crosscut full-width factory-squared sill blanks. Confirm delivered width is sound and at least 5 1/2 in (139.7 mm); no rip allowance is available. Reject undersize/defective edges.

PINE-SILL · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

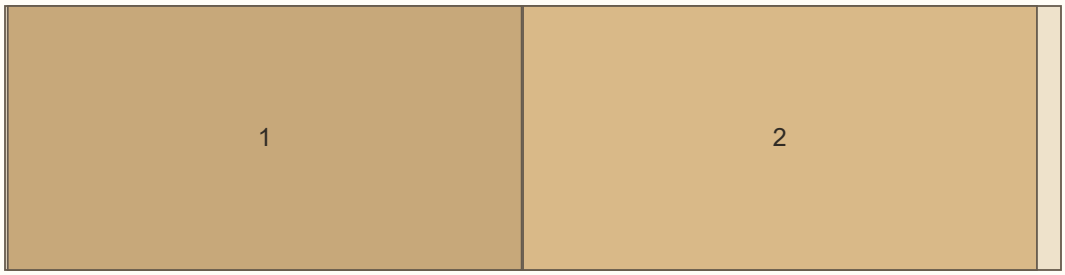
Number / ID	Stock X / Y	Rough length × width
1 · FC	1/4 in (6.35 mm) / 0 in (0 mm)	29.719 in (754.86 mm) × 5 1/2 in (139.7 mm)
2 · FGL	30.094 in (764.39 mm) / 0 in (0 mm)	16.172 in (410.77 mm) × 5 1/2 in (139.7 mm)
3 · FGR	46.391 in (1178.33 mm) / 0 in (0 mm)	16.172 in (410.77 mm) × 5 1/2 in (139.7 mm)

Stock 96 in (2438.4 mm) × 5 1/2 in (139.7 mm); End trim 1/4 in (6.35 mm); edge trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

SOLID-1 · rough-stock cutting plan

SOLID-1 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



96 in (2438.4 mm) × 1 1/2 in (38.1 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Crosscut supported long stock; fit the stated final section using safe guarded fixtures. Tool minimum feed lengths govern.

SOLID-1 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

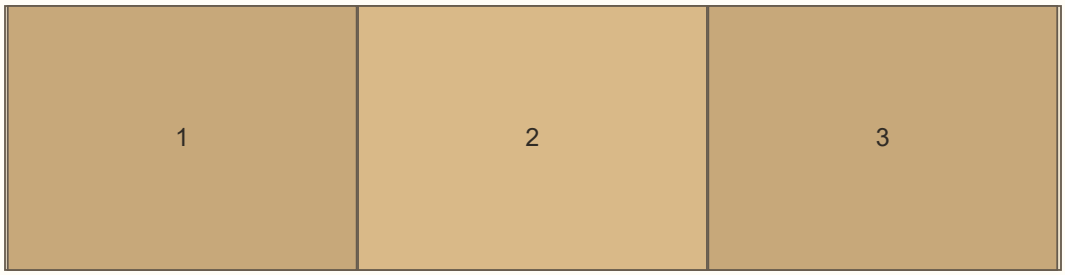
Number / ID	Stock X / Y	Rough length × width
1 · CLV	1/4 in (6.35 mm) / 0 in (0 mm)	46.719 in (1186.66 mm) × 1 1/2 in (38.1 mm)
2 · CRV	47.094 in (1196.19 mm) / 0 in (0 mm)	46.719 in (1186.66 mm) × 1 1/2 in (38.1 mm)

Stock 96 in (2438.4 mm) × 1 1/2 in (38.1 mm); End trim 1/4 in (6.35 mm); edge trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

SOLID-2 · rough-stock cutting plan

SOLID-2 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



96 in (2438.4 mm) × 1 1/2 in (38.1 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Crosscut supported long stock; fit the stated final section using safe guarded fixtures. Tool minimum feed lengths govern.

SOLID-2 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

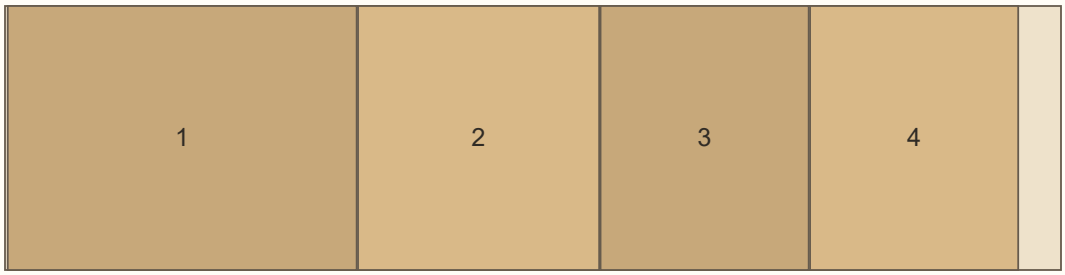
Number / ID	Stock X / Y	Rough length × width
1 · CFB	1/4 in (6.35 mm) / 0 in (0 mm)	31.719 in (805.66 mm) × 1 1/2 in (38.1 mm)
2 · CBB	32.094 in (815.19 mm) / 0 in (0 mm)	31.719 in (805.66 mm) × 1 1/2 in (38.1 mm)
3 · RF	63.938 in (1624.03 mm) / 0 in (0 mm)	31.719 in (805.66 mm) × 1 1/2 in (38.1 mm)

Stock 96 in (2438.4 mm) × 1 1/2 in (38.1 mm); End trim 1/4 in (6.35 mm); edge trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

SOLID-3 · rough-stock cutting plan

SOLID-3 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



96 in (2438.4 mm) × 1 1/2 in (38.1 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Crosscut supported long stock; fit the stated final section using safe guarded fixtures. Tool minimum feed lengths govern.

SOLID-3 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · RB	1/4 in (6.35 mm) / 0 in (0 mm)	31.719 in (805.66 mm) × 1 1/2 in (38.1 mm)
2 · RC	32.094 in (815.19 mm) / 0 in (0 mm)	21.922 in (556.82 mm) × 1 1/2 in (38.1 mm)
3 · CLB	54.141 in (1375.18 mm) / 0 in (0 mm)	18.922 in (480.62 mm) × 1 1/2 in (38.1 mm)
4 · CLT	73.188 in (1858.98 mm) / 0 in (0 mm)	18.922 in (480.62 mm) × 1 1/2 in (38.1 mm)

Stock 96 in (2438.4 mm) × 1 1/2 in (38.1 mm); End trim 1/4 in (6.35 mm); edge trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

SOLID-4 · rough-stock cutting plan

SOLID-4 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



96 in (2438.4 mm) × 1 1/2 in (38.1 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Crosscut supported long stock; fit the stated final section using safe guarded fixtures. Tool minimum feed lengths govern.

SOLID-4 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

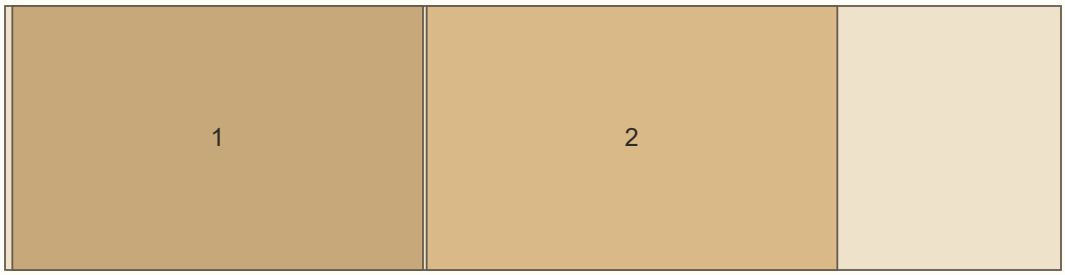
Number / ID	Stock X / Y	Rough length × width
1 · CRB	1/4 in (6.35 mm) / 0 in (0 mm)	18.922 in (480.62 mm) × 1 1/2 in (38.1 mm)
2 · CRT	19.297 in (490.14 mm) / 0 in (0 mm)	18.922 in (480.62 mm) × 1 1/2 in (38.1 mm)

Stock 96 in (2438.4 mm) × 1 1/2 in (38.1 mm); End trim 1/4 in (6.35 mm); edge trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

L15-1 · rough-stock cutting plan

L15-1 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



36 in (914.4 mm) × 1 in (25.4 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Ordered rectangular stock allocation; use the exact coordinates and the material-specific cutting instructions.

L15-1 · rough blank positions

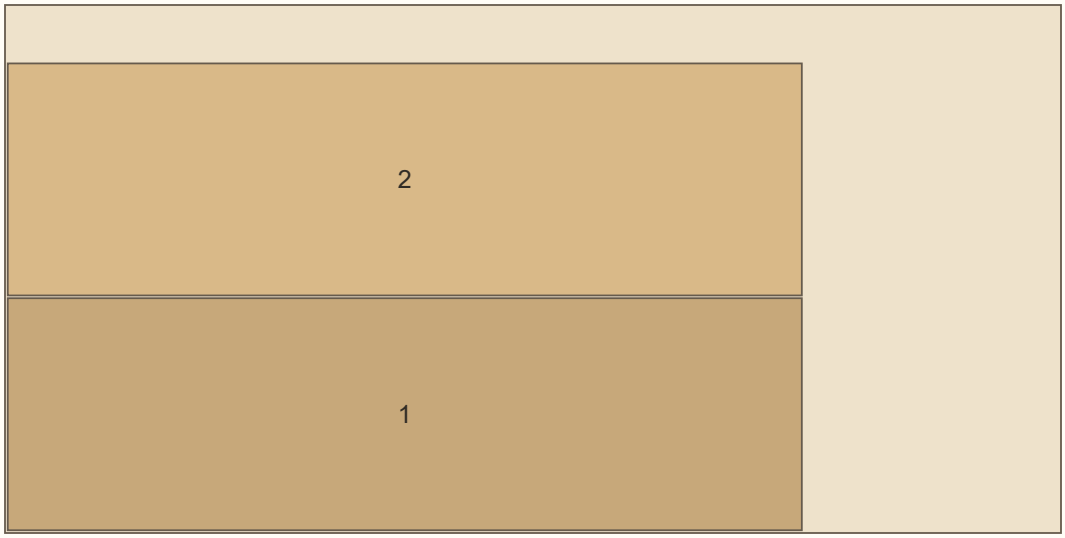
Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · LB1	1/4 in (6.35 mm) / 0 in (0 mm)	14 in (355.6 mm) × 1 in (25.4 mm)
2 · LB2	14 3/8 in (365.13 mm) / 0 in (0 mm)	14 in (355.6 mm) × 1 in (25.4 mm)

Stock 36 in (914.4 mm) × 1 in (25.4 mm); End trim 1/4 in (6.35 mm); edge trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

ACR-1 · rough-stock cutting plan

ACR-1 · numbered rough-stock allocation



48 in (1219.2 mm) × 24 in (609.6 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and stock direction

Ordered rectangular stock allocation; use the exact coordinates and the material-specific cutting instructions.

ACR-1 · rough blank positions

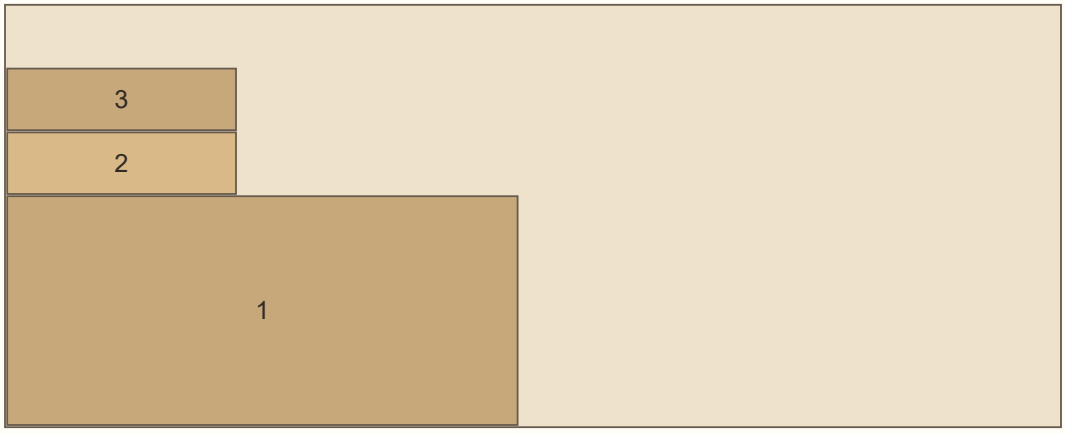
Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · G1	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	36.094 in (916.79 mm) × 10.547 in (267.89 mm)
2 · G2	1/8 in (3.18 mm) / 10.797 in (274.24 mm)	36.094 in (916.79 mm) × 10.547 in (267.89 mm)

Stock 48 in (1219.2 mm) × 24 in (609.6 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

MESH-1 · rough-stock cutting plan

MESH-1 · numbered rough-stock allocation



60 in (1524 mm) × 24 in (609.6 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and stock direction

Ordered rectangular stock allocation; use the exact coordinates and the material-specific cutting instructions.

MESH-1 · rough blank positions

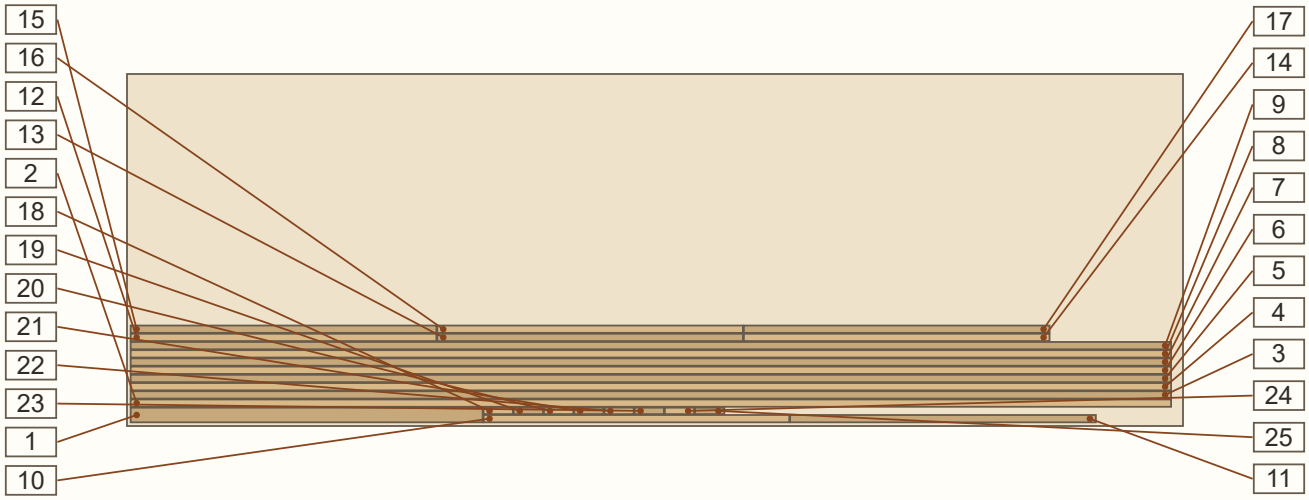
Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · M01	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	29 in (736.6 mm) × 13 in (330.2 mm)
2 · ML	1/8 in (3.18 mm) / 13 1/4 in (336.55 mm)	13 in (330.2 mm) × 3 1/2 in (88.9 mm)
3 · MR	1/8 in (3.18 mm) / 16 7/8 in (428.63 mm)	13 in (330.2 mm) × 3 1/2 in (88.9 mm)

Stock 60 in (1524 mm) × 24 in (609.6 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

PADS-1 · rough-stock cutting plan

PADS-1 · numbered rough-stock allocation



36 in (914.4 mm) × 12 in (304.8 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Ordered rectangular stock allocation; use the exact coordinates and the material-specific cutting instructions.

PADS-1 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · TRIAL-contact	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	12 in (304.8 mm) × 1/2 in (12.7 mm)
2 · N1FL	1/8 in (3.18 mm) / 0.655 in (16.64 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm)
3 · N1FR	1/8 in (3.18 mm) / 0.935 in (23.75 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm)
4 · N1RL	1/8 in (3.18 mm) / 1.215 in (30.86 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm)
5 · N1RR	1/8 in (3.18 mm) / 1.495 in (37.97 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm)
6 · N2FL	1/8 in (3.18 mm) / 1.775 in (45.09 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm)
7 · N2FR	1/8 in (3.18 mm) / 2.055 in (52.2 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm)
8 · N2RL	1/8 in (3.18 mm) / 2.335 in (59.31 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm)
9 · N2RR	1/8 in (3.18 mm) / 2.615 in (66.42 mm)	35.469 in (900.91 mm) × 1/4 in (6.35 mm)
10 · N1FB	12.155 in (308.74 mm) / 1/8 in (3.18 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm)
11 · N1FT	22.607 in (574.22 mm) / 1/8 in (3.18 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm)
12 · N1RB	1/8 in (3.18 mm) / 2.895 in (73.53 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm)
13 · N1RT	10.577 in (268.66 mm) / 2.895 in (73.53 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm)
14 · N2FB	21.029 in (534.14 mm) / 2.895 in (73.53 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm)
15 · N2FT	1/8 in (3.18 mm) / 3.175 in (80.64 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm)

Stock 36 in (914.4 mm) × 12 in (304.8 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 0.03 in (0.76 mm). Keep each blank labeled.

PADS-1 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

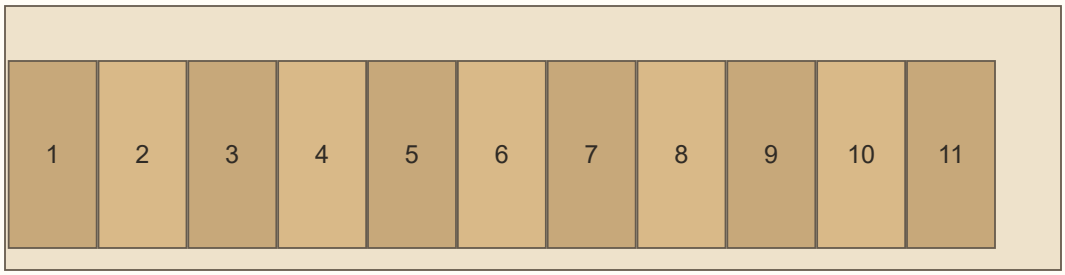
Number / ID	Stock X / Y	Rough length × width
16 · N2RB	10.577 in (268.66 mm) / 3.175 in (80.64 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm)
17 · N2RT	21.029 in (534.14 mm) / 3.175 in (80.64 mm)	10.422 in (264.72 mm) × 1/4 in (6.35 mm)
18 · N1S00	12.155 in (308.74 mm) / 0.405 in (10.29 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm)
19 · N1S01	13.185 in (334.9 mm) / 0.405 in (10.29 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm)
20 · N1S10	14.215 in (361.06 mm) / 0.405 in (10.29 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm)
21 · N1S11	15.245 in (387.22 mm) / 0.405 in (10.29 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm)
22 · N2S00	16.275 in (413.39 mm) / 0.405 in (10.29 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm)
23 · N2S01	17.305 in (439.55 mm) / 0.405 in (10.29 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm)
24 · N2S10	18.335 in (465.71 mm) / 0.405 in (10.29 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm)
25 · N2S11	19.365 in (491.87 mm) / 0.405 in (10.29 mm)	1 in (25.4 mm) × 0.22 in (5.59 mm)

Stock 36 in (914.4 mm) × 12 in (304.8 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 0.03 in (0.76 mm). Keep each blank labeled.

HSP-1 · rough-stock cutting plan

HSP-1 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



36 in (914.4 mm) × 1 1/2 in (38.1 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and stock direction

Ordered rectangular stock allocation; use the exact coordinates and the material-specific cutting instructions.

HSP-1 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · SP-H11-fixed	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm)
2 · SP-H11-moving	3 3/16 in (80.96 mm) / 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm)
3 · SP-H12-fixed	6 1/4 in (158.75 mm) / 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm)
4 · SP-H12-moving	9 5/16 in (236.54 mm) / 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm)
5 · SP-H13-fixed	12 3/8 in (314.33 mm) / 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm)
6 · SP-H13-moving	15 7/16 in (392.11 mm) / 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm)
7 · SP-H21-moving	18 1/2 in (469.9 mm) / 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm)
8 · SP-H21-fixed	21 9/16 in (547.69 mm) / 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm)
9 · SP-H22-moving	24 5/8 in (625.48 mm) / 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm)
10 · SP-H22-fixed	27 11/16 in (703.26 mm) / 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm)
11 · SP-H23-moving	30 3/4 in (781.05 mm) / 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm)

Stock 36 in (914.4 mm) × 1 1/2 in (38.1 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/16 in (1.59 mm). Keep each blank labeled.

HSP-2 · rough-stock cutting plan

HSP-2 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



36 in (914.4 mm) × 1 1/2 in (38.1 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and stock direction

Ordered rectangular stock allocation; use the exact coordinates and the material-specific cutting instructions.

HSP-2 · rough blank positions

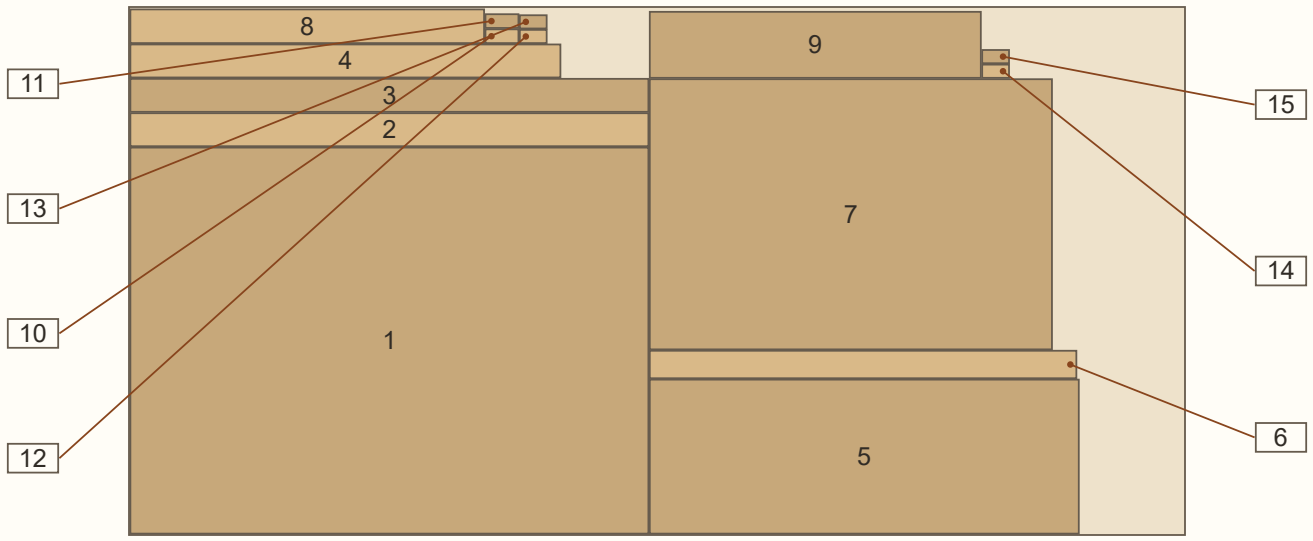
Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · SP-H23-fixed	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm)
2 · TRIAL-HSP1	3 3/16 in (80.96 mm) / 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm)
3 · TRIAL-HSP2	6 1/4 in (158.75 mm) / 1/8 in (3.18 mm)	3 in (76.2 mm) × 1 1/16 in (26.99 mm)

Stock 36 in (914.4 mm) × 1 1/2 in (38.1 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/16 in (1.59 mm). Keep each blank labeled.

VENEER-1 · rough-stock cutting plan

VENEER-1 · numbered rough-stock allocation



96 in (2438.4 mm) × 48 in (1219.2 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Small pieces use the numbered coordinate tables; identify each blank by its exact stock X / Y.

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

VENEER-1 · rough blank positions

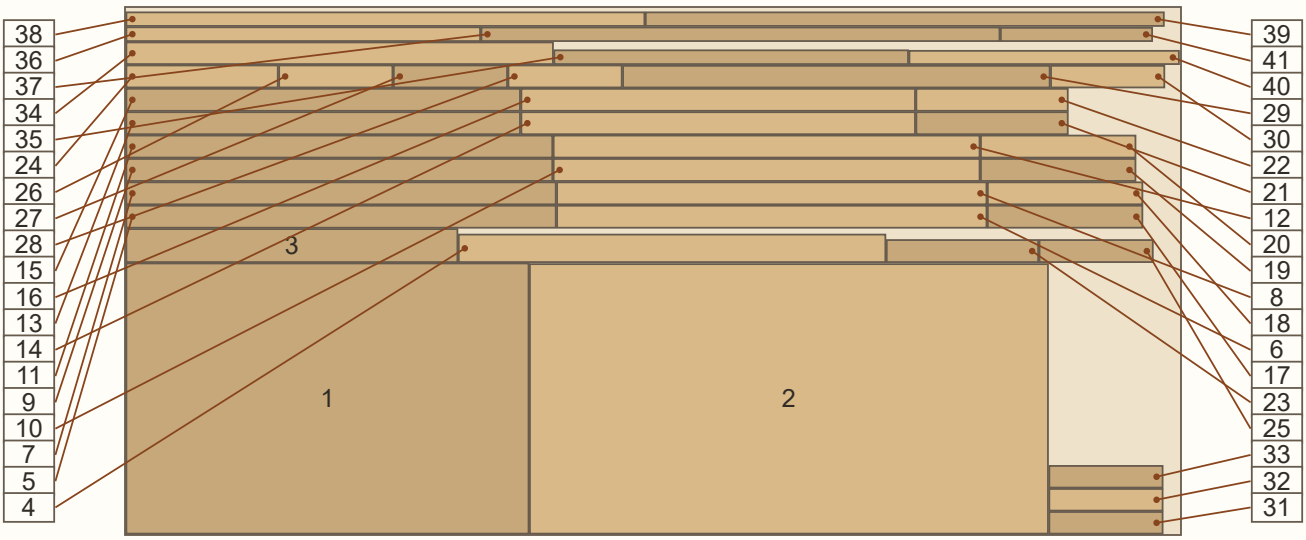
Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · V-back	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	47.094 in (1196.19 mm) × 35.094 in (891.39 mm)
2 · V-FA-front	1/8 in (3.18 mm) / 35.344 in (897.74 mm)	47.094 in (1196.19 mm) × 3 in (76.2 mm)
3 · V-FB-front	1/8 in (3.18 mm) / 38.469 in (977.11 mm)	47.094 in (1196.19 mm) × 3 in (76.2 mm)
4 · V-FE-front	1/8 in (3.18 mm) / 41.594 in (1056.49 mm)	39.094 in (992.99 mm) × 3 in (76.2 mm)
5 · TRIAL-full-door	47.344 in (1202.54 mm) / 1/8 in (3.18 mm)	39 in (990.6 mm) × 14 in (355.6 mm)
6 · V-D1B-front	47.344 in (1202.54 mm) / 14 1/4 in (361.95 mm)	38.78 in (985.01 mm) × 2.49925 in (63.48 mm)
7 · V-floor-under	47.344 in (1202.54 mm) / 16.87425 in (428.61 mm)	36.561 in (928.65 mm) × 24.561 in (623.85 mm)
8 · V-RT-back	1/8 in (3.18 mm) / 44.719 in (1135.86 mm)	32.155 in (816.74 mm) × 3.061 in (77.75 mm)
9 · V-FC-front	47.344 in (1202.54 mm) / 41.56025 in (1055.63 mm)	30.094 in (764.39 mm) × 6 in (152.4 mm)
10 · V-RT-left	32.405 in (823.09 mm) / 44.719 in (1135.86 mm)	3 in (76.2 mm) × 1 1/4 in (31.75 mm)
11 · V-RT-right	32.405 in (823.09 mm) / 46.094 in (1170.79 mm)	3 in (76.2 mm) × 1 1/4 in (31.75 mm)
12 · V-P03-vent-near	35.53 in (902.46 mm) / 44.719 in (1135.86 mm)	2.439 in (61.95 mm) × 1.203 in (30.56 mm)
13 · V-P03-vent-far	35.53 in (902.46 mm) / 46.047 in (1169.59 mm)	2.439 in (61.95 mm) × 1.203 in (30.56 mm)
14 · V-P04-vent-near	77.563 in (1970.1 mm) / 41.56025 in (1055.63 mm)	2.439 in (61.95 mm) × 1.203 in (30.56 mm)
15 · V-P04-vent-far	77.563 in (1970.1 mm) / 42.88825 in (1089.36 mm)	2.439 in (61.95 mm) × 1.203 in (30.56 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

VENEER-2 · rough-stock cutting plan

VENEER-2 · numbered rough-stock allocation



96 in (2438.4 mm) × 48 in (1219.2 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

VENEER-2 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · V-roof-top	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	36.561 in (928.65 mm) × 24.561 in (623.85 mm)
2 · V-P03-face	36.811 in (935 mm) / 1/8 in (3.18 mm)	47.094 in (1196.19 mm) × 24 1/2 in (622.3 mm)
3 · V-FD-front	1/8 in (3.18 mm) / 24.811 in (630.2 mm)	30.094 in (764.39 mm) × 3 in (76.2 mm)
4 · V-D2A-front	30.344 in (770.74 mm) / 24.811 in (630.2 mm)	38.78 in (985.01 mm) × 2.49925 in (63.48 mm)
5 · V-L-jamb-left	1/8 in (3.18 mm) / 27.936 in (709.57 mm)	39.033 in (991.44 mm) × 2 in (50.8 mm)
6 · V-L-jamb-right	39.283 in (997.79 mm) / 27.936 in (709.57 mm)	39.033 in (991.44 mm) × 2 in (50.8 mm)
7 · V-R-jamb-left	1/8 in (3.18 mm) / 30.061 in (763.55 mm)	39.033 in (991.44 mm) × 2 in (50.8 mm)
8 · V-R-jamb-right	39.283 in (997.79 mm) / 30.061 in (763.55 mm)	39.033 in (991.44 mm) × 2 in (50.8 mm)
9 · V-D1-hinge-edge	1/8 in (3.18 mm) / 32.186 in (817.52 mm)	38.719 in (983.46 mm) × 2 in (50.8 mm)
10 · V-D1-latch-edge	38.969 in (989.81 mm) / 32.186 in (817.52 mm)	38.719 in (983.46 mm) × 2 in (50.8 mm)
11 · V-D2-hinge-edge	1/8 in (3.18 mm) / 34.311 in (871.5 mm)	38.719 in (983.46 mm) × 2 in (50.8 mm)
12 · V-D2-latch-edge	38.969 in (989.81 mm) / 34.311 in (871.5 mm)	38.719 in (983.46 mm) × 2 in (50.8 mm)
13 · V-D1-window-left	1/8 in (3.18 mm) / 36.436 in (925.47 mm)	35.783 in (908.89 mm) × 2 in (50.8 mm)
14 · V-D1-window-right	36.033 in (915.24 mm) / 36.436 in (925.47 mm)	35.783 in (908.89 mm) × 2 in (50.8 mm)
15 · V-D2-window-left	1/8 in (3.18 mm) / 38.561 in (979.45 mm)	35.783 in (908.89 mm) × 2 in (50.8 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

VENEER-2 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
16 · V-D2-window-right	36.033 in (915.24 mm) / 38.561 in (979.45 mm)	35.783 in (908.89 mm) × 2 in (50.8 mm)
17 · V-L-sill	78.441 in (1992.4 mm) / 27.936 in (709.57 mm)	14.047 in (356.79 mm) × 2 in (50.8 mm)
18 · V-L-head	78.441 in (1992.4 mm) / 30.061 in (763.55 mm)	14.047 in (356.79 mm) × 2 in (50.8 mm)
19 · V-R-sill	77.813 in (1976.45 mm) / 32.186 in (817.52 mm)	14.047 in (356.79 mm) × 2 in (50.8 mm)
20 · V-R-head	77.813 in (1976.45 mm) / 34.311 in (871.5 mm)	14.047 in (356.79 mm) × 2 in (50.8 mm)
21 · V-D1-bottom	71.941 in (1827.3 mm) / 36.436 in (925.47 mm)	13.76425 in (349.61 mm) × 2 in (50.8 mm)
22 · V-D1-top	71.941 in (1827.3 mm) / 38.561 in (979.45 mm)	13.76425 in (349.61 mm) × 2 in (50.8 mm)
23 · V-D2-bottom	69.249 in (1758.92 mm) / 24.811 in (630.2 mm)	13.76425 in (349.61 mm) × 2 in (50.8 mm)
24 · V-D2-top	1/8 in (3.18 mm) / 40.686 in (1033.42 mm)	13.76425 in (349.61 mm) × 2 in (50.8 mm)
25 · V-D1-window-bottom	83.13825 in (2111.71 mm) / 24.811 in (630.2 mm)	10.297 in (261.54 mm) × 2 in (50.8 mm)
26 · V-D1-window-top	14.01425 in (355.96 mm) / 40.686 in (1033.42 mm)	10.297 in (261.54 mm) × 2 in (50.8 mm)
27 · V-D2-window-bottom	24.43625 in (620.68 mm) / 40.686 in (1033.42 mm)	10.297 in (261.54 mm) × 2 in (50.8 mm)
28 · V-D2-window-top	34.85825 in (885.4 mm) / 40.686 in (1033.42 mm)	10.297 in (261.54 mm) × 2 in (50.8 mm)
29 · V-D2B-front	45.28025 in (1150.12 mm) / 40.686 in (1033.42 mm)	38.78 in (985.01 mm) × 1.968 in (49.99 mm)
30 · V-D1C-front	84.18525 in (2138.31 mm) / 40.686 in (1033.42 mm)	10.297 in (261.54 mm) × 1.968 in (49.99 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

VENEER-2 · rough blank positions

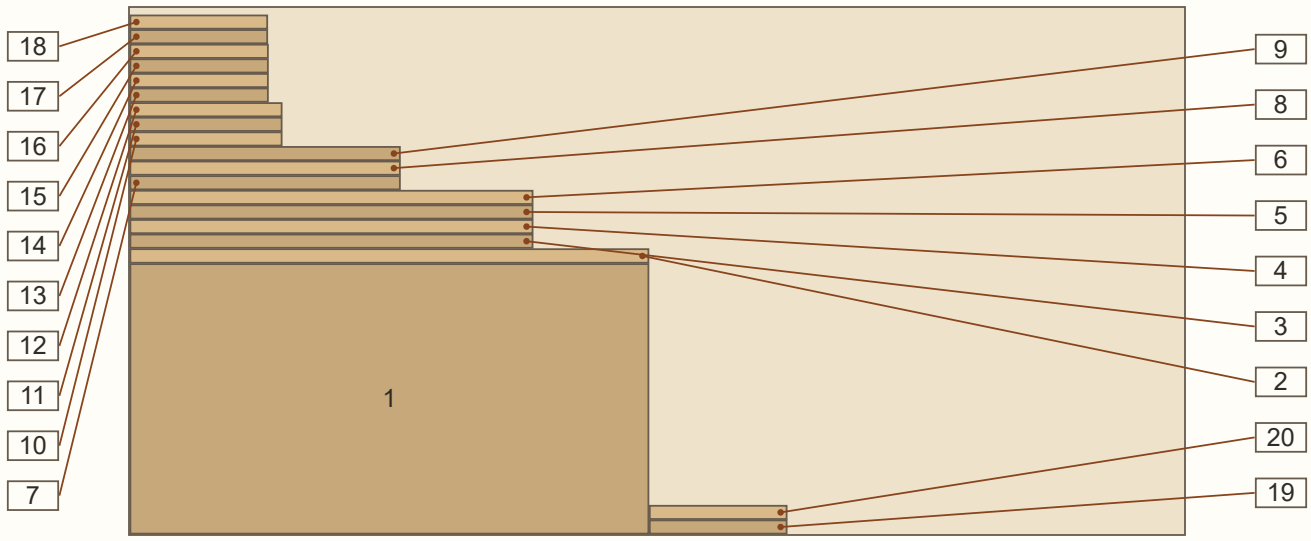
Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
31 · V-D1D-front	84.03 in (2134.36 mm) / 1/8 in (3.18 mm)	10.297 in (261.54 mm) × 1.968 in (49.99 mm)
32 · V-D2C-front	84.03 in (2134.36 mm) / 2.218 in (56.34 mm)	10.297 in (261.54 mm) × 1.968 in (49.99 mm)
33 · V-D2D-front	84.03 in (2134.36 mm) / 4.311 in (109.5 mm)	10.297 in (261.54 mm) × 1.968 in (49.99 mm)
34 · V-D1A-front	1/8 in (3.18 mm) / 42.811 in (1087.4 mm)	38.78 in (985.01 mm) × 1.968 in (49.99 mm)
35 · V-RT-bottom	39.03 in (991.36 mm) / 42.811 in (1087.4 mm)	32.155 in (816.74 mm) × 1 1/4 in (31.75 mm)
36 · V-RT-top	1/8 in (3.18 mm) / 44.904 in (1140.56 mm)	32.155 in (816.74 mm) × 1 1/4 in (31.75 mm)
37 · V-P03-front	32.405 in (823.09 mm) / 44.904 in (1140.56 mm)	47.094 in (1196.19 mm) × 1.2335 in (31.33 mm)
38 · V-P03-back	1/8 in (3.18 mm) / 46.279 in (1175.49 mm)	47.094 in (1196.19 mm) × 1.2335 in (31.33 mm)
39 · V-P04-front	47.344 in (1202.54 mm) / 46.279 in (1175.49 mm)	47.094 in (1196.19 mm) × 1.2335 in (31.33 mm)
40 · V-P01-left	71.31 in (1811.27 mm) / 42.811 in (1087.4 mm)	24 1/2 in (622.3 mm) × 1.203 in (30.56 mm)
41 · V-roof-opening-1-front	79.624 in (2022.45 mm) / 44.904 in (1140.56 mm)	13 3/4 in (349.25 mm) × 1.203 in (30.56 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

VENEER-3 · rough-stock cutting plan

VENEER-3 · numbered rough-stock allocation



96 in (2438.4 mm) × 48 in (1219.2 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Grain-fixed guillotine allocation; defect-free stock; safe tool/hold-down rehearsal required

VENEER-3 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · V-P04-face	1/8 in (3.18 mm) / 1/8 in (3.18 mm)	47.094 in (1196.19 mm) × 24 1/2 in (622.3 mm)
2 · V-P04-back	1/8 in (3.18 mm) / 24 3/4 in (628.65 mm)	47.094 in (1196.19 mm) × 1.2335 in (31.33 mm)
3 · V-P01-front	1/8 in (3.18 mm) / 26.1085 in (663.16 mm)	36.561 in (928.65 mm) × 1.203 in (30.56 mm)
4 · V-P01-back	1/8 in (3.18 mm) / 27.4365 in (696.89 mm)	36.561 in (928.65 mm) × 1.203 in (30.56 mm)
5 · V-P02-front	1/8 in (3.18 mm) / 28.7645 in (730.62 mm)	36.561 in (928.65 mm) × 1.203 in (30.56 mm)
6 · V-P02-back	1/8 in (3.18 mm) / 30.0925 in (764.35 mm)	36.561 in (928.65 mm) × 1.203 in (30.56 mm)
7 · V-P01-right	1/8 in (3.18 mm) / 31.4205 in (798.08 mm)	24 1/2 in (622.3 mm) × 1.203 in (30.56 mm)
8 · V-P02-left	1/8 in (3.18 mm) / 32.7485 in (831.81 mm)	24 1/2 in (622.3 mm) × 1.203 in (30.56 mm)
9 · V-P02-right	1/8 in (3.18 mm) / 34.0765 in (865.54 mm)	24 1/2 in (622.3 mm) × 1.203 in (30.56 mm)
10 · V-roof-opening-1-back	1/8 in (3.18 mm) / 35.4045 in (899.27 mm)	13 3/4 in (349.25 mm) × 1.203 in (30.56 mm)
11 · V-roof-opening-2-front	1/8 in (3.18 mm) / 36.7325 in (933.01 mm)	13 3/4 in (349.25 mm) × 1.203 in (30.56 mm)
12 · V-roof-opening-2-back	1/8 in (3.18 mm) / 38.0605 in (966.74 mm)	13 3/4 in (349.25 mm) × 1.203 in (30.56 mm)
13 · V-P03-vent-bottom	1/8 in (3.18 mm) / 39.3885 in (1000.47 mm)	12 1/2 in (317.5 mm) × 1.203 in (30.56 mm)
14 · V-P03-vent-top	1/8 in (3.18 mm) / 40.7165 in (1034.2 mm)	12 1/2 in (317.5 mm) × 1.203 in (30.56 mm)
15 · V-P04-vent-bottom	1/8 in (3.18 mm) / 42.0445 in (1067.93 mm)	12 1/2 in (317.5 mm) × 1.203 in (30.56 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

VENEER-3 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

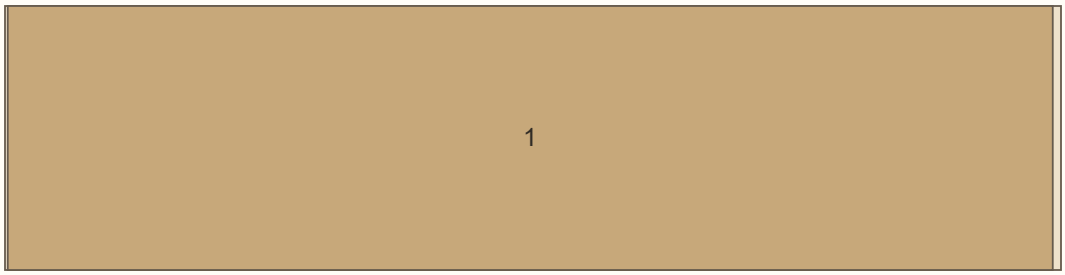
Number / ID	Stock X / Y	Rough length × width
16 · V-P04-vent-top	1/8 in (3.18 mm) / 43.3725 in (1101.66 mm)	12 1/2 in (317.5 mm) × 1.203 in (30.56 mm)
17 · V-roof-opening-1-left	1/8 in (3.18 mm) / 44.7005 in (1135.39 mm)	12.439 in (315.95 mm) × 1.203 in (30.56 mm)
18 · V-roof-opening-1-right	1/8 in (3.18 mm) / 46.0285 in (1169.12 mm)	12.439 in (315.95 mm) × 1.203 in (30.56 mm)
19 · V-roof-opening-2-left	47.344 in (1202.54 mm) / 1/8 in (3.18 mm)	12.439 in (315.95 mm) × 1.203 in (30.56 mm)
20 · V-roof-opening-2-right	47.344 in (1202.54 mm) / 1.453 in (36.91 mm)	12.439 in (315.95 mm) × 1.203 in (30.56 mm)

Stock 96 in (2438.4 mm) × 48 in (1219.2 mm); End trim 1/8 in (3.18 mm); edge trim 1/8 in (3.18 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

TRIAL-PINE-1 · rough-stock cutting plan

TRIAL-PINE-1 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



96 in (2438.4 mm) × 5 1/2 in (139.7 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Dedicated full-length pine for a complete two-layer tall-door balance trial, hardware/offcut/glazing and screen-seat coupons. No installed parts consume this allocation.

TRIAL-PINE-1 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

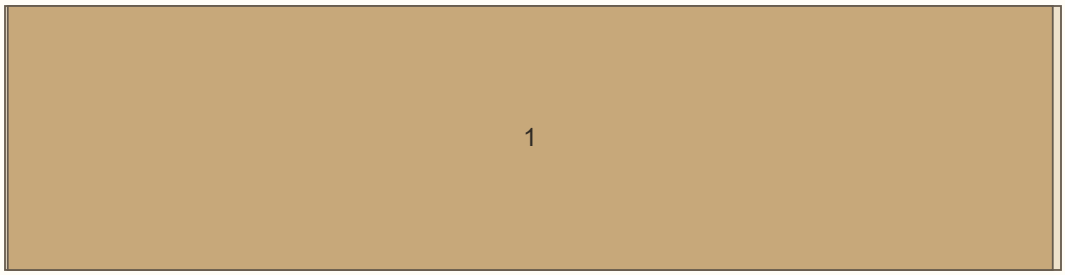
Number / ID	Stock X / Y	Rough length × width
1 · TRIAL-tall-door-and-fit-1	1/4 in (6.35 mm) / 0 in (0 mm)	95 in (2413 mm) × 5 1/2 in (139.7 mm)

Stock 96 in (2438.4 mm) × 5 1/2 in (139.7 mm); End trim 1/4 in (6.35 mm); edge trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

TRIAL-PINE-2 · rough-stock cutting plan

TRIAL-PINE-2 · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



96 in (2438.4 mm) × 5 1/2 in (139.7 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Dedicated full-length pine for a complete two-layer tall-door balance trial, hardware/offcut/glazing and screen-seat coupons. No installed parts consume this allocation.

TRIAL-PINE-2 · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · TRIAL-tall-door-and-fit-2	1/4 in (6.35 mm) / 0 in (0 mm)	95 in (2413 mm) × 5 1/2 in (139.7 mm)

Stock 96 in (2438.4 mm) × 5 1/2 in (139.7 mm); End trim 1/4 in (6.35 mm); edge trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

TRIAL-SOLID · rough-stock cutting plan

TRIAL-SOLID · numbered rough-stock allocation

Stock width enlarged for readability; use the listed dimensions



96 in (2438.4 mm) × 1 1/2 in (38.1 mm) stock · length →

Numbers refer to the ordered ID and exact-coordinate table on the following page.
Use the actual trim, kerf and stock/grain direction; rehearse safe support and cut order.

P06-03 · V5 local revision 01 · Reference geometry; actual receiving controls fit

Numbers match the ordered ID table; use exact stock coordinates and grain direction

Separate solid stock for received-screw and bearing trials; remainder reserved for defects or refitting.

TRIAL-SOLID · rough blank positions

Stock X runs along its length and Y across its width from the lower-left corner. These are stock coordinates, separate from assembled fastener stations.

Number / ID	Stock X / Y	Rough length × width
1 · TRIAL-bearing-and-pilots	1/4 in (6.35 mm) / 0 in (0 mm)	30 in (762 mm) × 1 1/2 in (38.1 mm)

Stock 96 in (2438.4 mm) × 1 1/2 in (38.1 mm); End trim 1/4 in (6.35 mm); edge trim 0 in (0 mm); kerf/separation 1/8 in (3.18 mm). Keep each blank labeled.

Use the exact fastener stations

Fastener IDs are stable source labels; embedded numbers are not current coordinates. Use the station columns. Assembly X / Y / Z start at outside LEFT / outside FRONT / FLOOR UNDERSIDE. Direction gives the driver axis. Transfer actual clamped receiver centrelines. Include the drill point in stopped depth. Hardware samples control purchased holes and seating.

Install frame and door lamination screws on the bench before their assemblies enter the shell. The thirty-six #8 flat-head hinge screws pass through received countersunk leaves and matched rigid pads. Veneer leaves all bearing and service seats open.

Type	Installed
SCREW8-125	96
SCREW6-125	24
SCREW8-175	88
SCREW8-250	23
HASP-SCREW	14
BOLT	38

Versioned specification · Cut CSV · Fastener CSV · BOM · Workshop package

Fastener stations · 1–12

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
FL1.9529999999999998-01 · SCREW8-125	FGL → FA	1.953 / 1.5 / 1.953 in 49.61 / 38.10 / 49.61 mm	−Y · 1 1/4 in (31.75 mm)
FL1.9529999999999998-02 · SCREW8-125	FGL → FA	1.953 / 1.5 / 4.953 in 49.61 / 38.10 / 125.81 mm	−Y · 1 1/4 in (31.75 mm)
FL1.9529999999999998-03 · SCREW8-125	FI → FA	1.953 / 1.5 / 10 in 49.61 / 38.10 / 254.00 mm	−Y · 1 1/4 in (31.75 mm)
FL1.9529999999999998-04 · SCREW8-125	FI → FA	1.953 / 1.5 / 18 in 49.61 / 38.10 / 457.20 mm	−Y · 1 1/4 in (31.75 mm)
FL1.9529999999999998-05 · SCREW8-125	FI → FA	1.953 / 1.5 / 26 in 49.61 / 38.10 / 660.40 mm	−Y · 1 1/4 in (31.75 mm)
FL1.9529999999999998-06 · SCREW8-125	FI → FA	1.953 / 1.5 / 34 in 49.61 / 38.10 / 863.60 mm	−Y · 1 1/4 in (31.75 mm)
FL1.9529999999999998-07 · SCREW8-125	FI → FA	1.953 / 1.5 / 42 in 49.61 / 38.10 / 1066.80 mm	−Y · 1 1/4 in (31.75 mm)
FL1.9529999999999998-08 · SCREW8-125	FHL → FA	1.953 / 1.5 / 46.047 in 49.61 / 38.10 / 1169.59 mm	−Y · 1 1/4 in (31.75 mm)
FL18-01 · SCREW8-125	FF → FC	18 / 1.5 / 1.953 in 457.20 / 38.10 / 49.61 mm	−Y · 1 1/4 in (31.75 mm)
FL18-02 · SCREW8-125	FF → FC	18 / 1.5 / 4.953 in 457.20 / 38.10 / 125.81 mm	−Y · 1 1/4 in (31.75 mm)
FL18-03 · SCREW8-125	FF → FE	18 / 1.5 / 10 in 457.20 / 38.10 / 254.00 mm	−Y · 1 1/4 in (31.75 mm)
FL18-04 · SCREW8-125	FF → FE	18 / 1.5 / 18 in 457.20 / 38.10 / 457.20 mm	−Y · 1 1/4 in (31.75 mm)

Fastener stations · 13–24

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
FL18-05 · SCREW8-125	FF → FE	18 / 1.5 / 26 in 457.20 / 38.10 / 660.40 mm	−Y · 1 1/4 in (31.75 mm)
FL18-06 · SCREW8-125	FF → FE	18 / 1.5 / 34 in 457.20 / 38.10 / 863.60 mm	−Y · 1 1/4 in (31.75 mm)
FL18-07 · SCREW8-125	FF → FE	18 / 1.5 / 42 in 457.20 / 38.10 / 1066.80 mm	−Y · 1 1/4 in (31.75 mm)
FL18-08 · SCREW8-125	FF → FD	18 / 1.5 / 46.047 in 457.20 / 38.10 / 1169.59 mm	−Y · 1 1/4 in (31.75 mm)
FL34.047-01 · SCREW8-125	FGR → FB	34.047 / 1.5 / 1.953 in 864.79 / 38.10 / 49.61 mm	−Y · 1 1/4 in (31.75 mm)
FL34.047-02 · SCREW8-125	FGR → FB	34.047 / 1.5 / 4.953 in 864.79 / 38.10 / 125.81 mm	−Y · 1 1/4 in (31.75 mm)
FL34.047-03 · SCREW8-125	FJ → FB	34.047 / 1.5 / 10 in 864.79 / 38.10 / 254.00 mm	−Y · 1 1/4 in (31.75 mm)
FL34.047-04 · SCREW8-125	FJ → FB	34.047 / 1.5 / 18 in 864.79 / 38.10 / 457.20 mm	−Y · 1 1/4 in (31.75 mm)
FL34.047-05 · SCREW8-125	FJ → FB	34.047 / 1.5 / 26 in 864.79 / 38.10 / 660.40 mm	−Y · 1 1/4 in (31.75 mm)
FL34.047-06 · SCREW8-125	FJ → FB	34.047 / 1.5 / 34 in 864.79 / 38.10 / 863.60 mm	−Y · 1 1/4 in (31.75 mm)
FL34.047-07 · SCREW8-125	FJ → FB	34.047 / 1.5 / 42 in 864.79 / 38.10 / 1066.80 mm	−Y · 1 1/4 in (31.75 mm)
FL34.047-08 · SCREW8-125	FHR → FB	34.047 / 1.5 / 46.047 in 864.79 / 38.10 / 1169.59 mm	−Y · 1 1/4 in (31.75 mm)

Fastener stations · 25–36

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
FR3.453-01 · SCREW8-125	FGL → FC	6 / 1.5 / 3.453 in 152.40 / 38.10 / 87.71 mm	−Y · 1 1/4 in (31.75 mm)
FR3.453-02 · SCREW8-125	FGL → FC	11 / 1.5 / 3.453 in 279.40 / 38.10 / 87.71 mm	−Y · 1 1/4 in (31.75 mm)
FR3.453-03 · SCREW8-125	FGR → FC	25 / 1.5 / 3.453 in 635.00 / 38.10 / 87.71 mm	−Y · 1 1/4 in (31.75 mm)
FR3.453-04 · SCREW8-125	FGR → FC	30 / 1.5 / 3.453 in 762.00 / 38.10 / 87.71 mm	−Y · 1 1/4 in (31.75 mm)
FR46.047-01 · SCREW8-125	FHL → FD	6 / 1.5 / 46.047 in 152.40 / 38.10 / 1169.59 mm	−Y · 1 1/4 in (31.75 mm)
FR46.047-02 · SCREW8-125	FHL → FD	11 / 1.5 / 46.047 in 279.40 / 38.10 / 1169.59 mm	−Y · 1 1/4 in (31.75 mm)
FR46.047-03 · SCREW8-125	FHR → FD	25 / 1.5 / 46.047 in 635.00 / 38.10 / 1169.59 mm	−Y · 1 1/4 in (31.75 mm)
FR46.047-04 · SCREW8-125	FHR → FD	30 / 1.5 / 46.047 in 762.00 / 38.10 / 1169.59 mm	−Y · 1 1/4 in (31.75 mm)
DL1-01 · SCREW8-125	D1E → D1A	4.453 / 1.5 / 7.078 in 113.11 / 38.10 / 179.78 mm	−Y · 1 1/4 in (31.75 mm)
DL1-02 · SCREW8-125	D1G → D1A	4.453 / 1.5 / 11.328 in 113.11 / 38.10 / 287.73 mm	−Y · 1 1/4 in (31.75 mm)
DL1-03 · SCREW8-125	D1G → D1A	4.453 / 1.5 / 19.328 in 113.11 / 38.10 / 490.93 mm	−Y · 1 1/4 in (31.75 mm)
DL1-04 · SCREW8-125	D1G → D1A	4.453 / 1.5 / 27.328 in 113.11 / 38.10 / 694.13 mm	−Y · 1 1/4 in (31.75 mm)

Fastener stations · 37–48

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
DL1-05 · SCREW8-125	D1G → D1A	4.453 / 1.5 / 35.328 in 113.11 / 38.10 / 897.33 mm	−Y · 1 1/4 in (31.75 mm)
DL1-06 · SCREW8-125	D1F → D1A	4.453 / 1.5 / 43.922 in 113.11 / 38.10 / 1115.62 mm	−Y · 1 1/4 in (31.75 mm)
DL1-07 · SCREW8-125	D1E → D1B	15 / 1.5 / 7.078 in 381.00 / 38.10 / 179.78 mm	−Y · 1 1/4 in (31.75 mm)
DL1-08 · SCREW8-125	D1H → D1B	15 / 1.5 / 11.328 in 381.00 / 38.10 / 287.73 mm	−Y · 1 1/4 in (31.75 mm)
DL1-09 · SCREW8-125	D1H → D1B	15 / 1.5 / 19.328 in 381.00 / 38.10 / 490.93 mm	−Y · 1 1/4 in (31.75 mm)
DL1-10 · SCREW8-125	D1H → D1B	15 / 1.5 / 27.328 in 381.00 / 38.10 / 694.13 mm	−Y · 1 1/4 in (31.75 mm)
DL1-11 · SCREW8-125	D1H → D1B	15 / 1.5 / 35.328 in 381.00 / 38.10 / 897.33 mm	−Y · 1 1/4 in (31.75 mm)
DL1-12 · SCREW8-125	D1F → D1B	15 / 1.5 / 43.922 in 381.00 / 38.10 / 1115.62 mm	−Y · 1 1/4 in (31.75 mm)
DG1-01 · SCREW6-125	B1B + Q1L → D1E	3.953 / 2.101 / 6.953 in 100.41 / 53.37 / 176.61 mm	−Y · 1 1/4 in (31.75 mm)
DG1-02 · SCREW6-125	B1L + Q1L → D1G	3.953 / 2.101 / 12.453 in 100.41 / 53.37 / 316.31 mm	−Y · 1 1/4 in (31.75 mm)
DG1-03 · SCREW6-125	B1L + Q1L → D1G	3.953 / 2.101 / 21.453 in 100.41 / 53.37 / 544.91 mm	−Y · 1 1/4 in (31.75 mm)
DG1-04 · SCREW6-125	B1L + Q1L → D1G	3.953 / 2.101 / 30.453 in 100.41 / 53.37 / 773.51 mm	−Y · 1 1/4 in (31.75 mm)

Fastener stations · 49–60

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
DG1-05 · SCREW6-125	B1T + Q1L → D1F	3.953 / 2.101 / 44.047 in 100.41 / 53.37 / 1118.79 mm	−Y · 1 1/4 in (31.75 mm)
DG1-06 · SCREW6-125	B1B + Q1R → D1E	15.5 / 2.101 / 6.953 in 393.70 / 53.37 / 176.61 mm	−Y · 1 1/4 in (31.75 mm)
DG1-07 · SCREW6-125	B1R + Q1R → D1H	15.5 / 2.101 / 12.453 in 393.70 / 53.37 / 316.31 mm	−Y · 1 1/4 in (31.75 mm)
DG1-08 · SCREW6-125	B1R + Q1R → D1H	15.5 / 2.101 / 21.453 in 393.70 / 53.37 / 544.91 mm	−Y · 1 1/4 in (31.75 mm)
DG1-09 · SCREW6-125	B1R + Q1R → D1H	15.5 / 2.101 / 30.453 in 393.70 / 53.37 / 773.51 mm	−Y · 1 1/4 in (31.75 mm)
DG1-10 · SCREW6-125	B1T + Q1R → D1F	15.5 / 2.101 / 44.047 in 393.70 / 53.37 / 1118.79 mm	−Y · 1 1/4 in (31.75 mm)
DGT1-01 · SCREW6-125	B1B + Q1B → D1E	9.7265 / 2.101 / 6.953 in 247.05 / 53.37 / 176.61 mm	−Y · 1 1/4 in (31.75 mm)
DGT1-02 · SCREW6-125	B1T + Q1T → D1F	9.7265 / 2.101 / 44.047 in 247.05 / 53.37 / 1118.79 mm	−Y · 1 1/4 in (31.75 mm)
DL2-01 · SCREW8-125	D2E → D2A	21 / 1.5 / 7.078 in 533.40 / 38.10 / 179.78 mm	−Y · 1 1/4 in (31.75 mm)
DL2-02 · SCREW8-125	D2G → D2A	21 / 1.5 / 11.328 in 533.40 / 38.10 / 287.73 mm	−Y · 1 1/4 in (31.75 mm)
DL2-03 · SCREW8-125	D2G → D2A	21 / 1.5 / 19.328 in 533.40 / 38.10 / 490.93 mm	−Y · 1 1/4 in (31.75 mm)
DL2-04 · SCREW8-125	D2G → D2A	21 / 1.5 / 27.328 in 533.40 / 38.10 / 694.13 mm	−Y · 1 1/4 in (31.75 mm)

Fastener stations · 61–72

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
DL2-05 · SCREW8-125	D2G → D2A	21 / 1.5 / 35.328 in 533.40 / 38.10 / 897.33 mm	−Y · 1 1/4 in (31.75 mm)
DL2-06 · SCREW8-125	D2F → D2A	21 / 1.5 / 43.922 in 533.40 / 38.10 / 1115.62 mm	−Y · 1 1/4 in (31.75 mm)
DL2-07 · SCREW8-125	D2E → D2B	31.547 / 1.5 / 7.078 in 801.29 / 38.10 / 179.78 mm	−Y · 1 1/4 in (31.75 mm)
DL2-08 · SCREW8-125	D2H → D2B	31.547 / 1.5 / 11.328 in 801.29 / 38.10 / 287.73 mm	−Y · 1 1/4 in (31.75 mm)
DL2-09 · SCREW8-125	D2H → D2B	31.547 / 1.5 / 19.328 in 801.29 / 38.10 / 490.93 mm	−Y · 1 1/4 in (31.75 mm)
DL2-10 · SCREW8-125	D2H → D2B	31.547 / 1.5 / 27.328 in 801.29 / 38.10 / 694.13 mm	−Y · 1 1/4 in (31.75 mm)
DL2-11 · SCREW8-125	D2H → D2B	31.547 / 1.5 / 35.328 in 801.29 / 38.10 / 897.33 mm	−Y · 1 1/4 in (31.75 mm)
DL2-12 · SCREW8-125	D2F → D2B	31.547 / 1.5 / 43.922 in 801.29 / 38.10 / 1115.62 mm	−Y · 1 1/4 in (31.75 mm)
DG2-01 · SCREW6-125	B2B + Q2L → D2E	20.5 / 2.101 / 6.953 in 520.70 / 53.37 / 176.61 mm	−Y · 1 1/4 in (31.75 mm)
DG2-02 · SCREW6-125	B2L + Q2L → D2G	20.5 / 2.101 / 12.453 in 520.70 / 53.37 / 316.31 mm	−Y · 1 1/4 in (31.75 mm)
DG2-03 · SCREW6-125	B2L + Q2L → D2G	20.5 / 2.101 / 21.453 in 520.70 / 53.37 / 544.91 mm	−Y · 1 1/4 in (31.75 mm)
DG2-04 · SCREW6-125	B2L + Q2L → D2G	20.5 / 2.101 / 30.453 in 520.70 / 53.37 / 773.51 mm	−Y · 1 1/4 in (31.75 mm)

Fastener stations · 73–84

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
DG2-05 · SCREW6-125	B2T + Q2L → D2F	20.5 / 2.101 / 44.047 in 520.70 / 53.37 / 1118.79 mm	−Y · 1 1/4 in (31.75 mm)
DG2-06 · SCREW6-125	B2B + Q2R → D2E	32.047 / 2.101 / 6.953 in 813.99 / 53.37 / 176.61 mm	−Y · 1 1/4 in (31.75 mm)
DG2-07 · SCREW6-125	B2R + Q2R → D2H	32.047 / 2.101 / 12.453 in 813.99 / 53.37 / 316.31 mm	−Y · 1 1/4 in (31.75 mm)
DG2-08 · SCREW6-125	B2R + Q2R → D2H	32.047 / 2.101 / 21.453 in 813.99 / 53.37 / 544.91 mm	−Y · 1 1/4 in (31.75 mm)
DG2-09 · SCREW6-125	B2R + Q2R → D2H	32.047 / 2.101 / 30.453 in 813.99 / 53.37 / 773.51 mm	−Y · 1 1/4 in (31.75 mm)
DG2-10 · SCREW6-125	B2T + Q2R → D2F	32.047 / 2.101 / 44.047 in 813.99 / 53.37 / 1118.79 mm	−Y · 1 1/4 in (31.75 mm)
DGT2-01 · SCREW6-125	B2B + Q2B → D2E	26.2735 / 2.101 / 6.953 in 667.35 / 53.37 / 176.61 mm	−Y · 1 1/4 in (31.75 mm)
DGT2-02 · SCREW6-125	B2T + Q2T → D2F	26.2735 / 2.101 / 44.047 in 667.35 / 53.37 / 1118.79 mm	−Y · 1 1/4 in (31.75 mm)
STOP10 · SCREW8-125	S10 → FGL	3.828 / 2.25 / 5.828 in 97.23 / 57.15 / 148.03 mm	−Y · 1 1/4 in (31.75 mm)
STOP11 · SCREW8-125	S11 → FGL	16.125 / 2.25 / 5.828 in 409.57 / 57.15 / 148.03 mm	−Y · 1 1/4 in (31.75 mm)
STOP20 · SCREW8-125	S20 → FGR	19.875 / 2.25 / 5.828 in 504.82 / 57.15 / 148.03 mm	−Y · 1 1/4 in (31.75 mm)
STOP21 · SCREW8-125	S21 → FGR	32.172 / 2.25 / 5.828 in 817.17 / 57.15 / 148.03 mm	−Y · 1 1/4 in (31.75 mm)

Fastener stations · 85–96

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
SIDEL0.375-01 · SCREW8-175	P03 → FA	0 / 0.375 / 3 in 0.00 / 9.52 / 76.20 mm	+X · 1 3/4 in (44.45 mm)
SIDEL0.375-02 · SCREW8-175	P03 → FA	0 / 0.375 / 12 in 0.00 / 9.52 / 304.80 mm	+X · 1 3/4 in (44.45 mm)
SIDEL0.375-03 · SCREW8-175	P03 → FA	0 / 0.375 / 21 in 0.00 / 9.52 / 533.40 mm	+X · 1 3/4 in (44.45 mm)
SIDEL0.375-04 · SCREW8-175	P03 → FA	0 / 0.375 / 30 in 0.00 / 9.52 / 762.00 mm	+X · 1 3/4 in (44.45 mm)
SIDEL0.375-05 · SCREW8-175	P03 → FA	0 / 0.375 / 39 in 0.00 / 9.52 / 990.60 mm	+X · 1 3/4 in (44.45 mm)
SIDEL0.375-06 · SCREW8-175	P03 → FA	0 / 0.375 / 45 in 0.00 / 9.52 / 1143.00 mm	+X · 1 3/4 in (44.45 mm)
SIDEL22.547-01 · SCREW8-175	P03 → CLV	0 / 22.547 / 3 in 0.00 / 572.69 / 76.20 mm	+X · 1 3/4 in (44.45 mm)
SIDEL22.547-02 · SCREW8-175	P03 → CLV	0 / 22.547 / 12 in 0.00 / 572.69 / 304.80 mm	+X · 1 3/4 in (44.45 mm)
SIDEL22.547-03 · SCREW8-175	P03 → CLV	0 / 22.547 / 21 in 0.00 / 572.69 / 533.40 mm	+X · 1 3/4 in (44.45 mm)
SIDEL22.547-04 · SCREW8-175	P03 → CLV	0 / 22.547 / 30 in 0.00 / 572.69 / 762.00 mm	+X · 1 3/4 in (44.45 mm)
SIDEL22.547-05 · SCREW8-175	P03 → CLV	0 / 22.547 / 39 in 0.00 / 572.69 / 990.60 mm	+X · 1 3/4 in (44.45 mm)
SIDEL22.547-06 · SCREW8-175	P03 → CLV	0 / 22.547 / 45 in 0.00 / 572.69 / 1143.00 mm	+X · 1 3/4 in (44.45 mm)

Fastener stations · 97–108

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
EDGEL1.4529999999999998-01 · SCREW8-175	P03 → CLB	0 / 5 / 1.453 in 0.00 / 127.00 / 36.91 mm	+X · 1 3/4 in (44.45 mm)
EDGEL1.4529999999999998-02 · SCREW8-175	P03 → CLB	0 / 11 / 1.453 in 0.00 / 279.40 / 36.91 mm	+X · 1 3/4 in (44.45 mm)
EDGEL1.4529999999999998-03 · SCREW8-175	P03 → CLB	0 / 17 / 1.453 in 0.00 / 431.80 / 36.91 mm	+X · 1 3/4 in (44.45 mm)
EDGEL1.4529999999999998-04 · SCREW8-175	P03 → CLB	0 / 20 / 1.453 in 0.00 / 508.00 / 36.91 mm	+X · 1 3/4 in (44.45 mm)
EDGEL46.547-01 · SCREW8-175	P03 → CLT	0 / 5 / 46.547 in 0.00 / 127.00 / 1182.29 mm	+X · 1 3/4 in (44.45 mm)
EDGEL46.547-02 · SCREW8-175	P03 → CLT	0 / 11 / 46.547 in 0.00 / 279.40 / 1182.29 mm	+X · 1 3/4 in (44.45 mm)
EDGEL46.547-03 · SCREW8-175	P03 → CLT	0 / 17 / 46.547 in 0.00 / 431.80 / 1182.29 mm	+X · 1 3/4 in (44.45 mm)
EDGEL46.547-04 · SCREW8-175	P03 → CLT	0 / 20 / 46.547 in 0.00 / 508.00 / 1182.29 mm	+X · 1 3/4 in (44.45 mm)
SIDER0.375-01 · SCREW8-175	P04 → FB	36 / 0.375 / 3 in 914.40 / 9.52 / 76.20 mm	−X · 1 3/4 in (44.45 mm)
SIDER0.375-02 · SCREW8-175	P04 → FB	36 / 0.375 / 12 in 914.40 / 9.52 / 304.80 mm	−X · 1 3/4 in (44.45 mm)
SIDER0.375-03 · SCREW8-175	P04 → FB	36 / 0.375 / 21 in 914.40 / 9.52 / 533.40 mm	−X · 1 3/4 in (44.45 mm)
SIDER0.375-04 · SCREW8-175	P04 → FB	36 / 0.375 / 30 in 914.40 / 9.52 / 762.00 mm	−X · 1 3/4 in (44.45 mm)

Fastener stations · 109–120

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
SIDER0.375-05 · SCREW8-175	P04 → FB	36 / 0.375 / 39 in 914.40 / 9.52 / 990.60 mm	−X · 1 3/4 in (44.45 mm)
SIDER0.375-06 · SCREW8-175	P04 → FB	36 / 0.375 / 45 in 914.40 / 9.52 / 1143.00 mm	−X · 1 3/4 in (44.45 mm)
SIDER22.547-01 · SCREW8-175	P04 → CRV	36 / 22.547 / 3 in 914.40 / 572.69 / 76.20 mm	−X · 1 3/4 in (44.45 mm)
SIDER22.547-02 · SCREW8-175	P04 → CRV	36 / 22.547 / 12 in 914.40 / 572.69 / 304.80 mm	−X · 1 3/4 in (44.45 mm)
SIDER22.547-03 · SCREW8-175	P04 → CRV	36 / 22.547 / 21 in 914.40 / 572.69 / 533.40 mm	−X · 1 3/4 in (44.45 mm)
SIDER22.547-04 · SCREW8-175	P04 → CRV	36 / 22.547 / 30 in 914.40 / 572.69 / 762.00 mm	−X · 1 3/4 in (44.45 mm)
SIDER22.547-05 · SCREW8-175	P04 → CRV	36 / 22.547 / 39 in 914.40 / 572.69 / 990.60 mm	−X · 1 3/4 in (44.45 mm)
SIDER22.547-06 · SCREW8-175	P04 → CRV	36 / 22.547 / 45 in 914.40 / 572.69 / 1143.00 mm	−X · 1 3/4 in (44.45 mm)
EDGER1.4529999999999998-01 · SCREW8-175	P04 → CRB	36 / 5 / 1.453 in 914.40 / 127.00 / 36.91 mm	−X · 1 3/4 in (44.45 mm)
EDGER1.4529999999999998-02 · SCREW8-175	P04 → CRB	36 / 11 / 1.453 in 914.40 / 279.40 / 36.91 mm	−X · 1 3/4 in (44.45 mm)
EDGER1.4529999999999998-03 · SCREW8-175	P04 → CRB	36 / 17 / 1.453 in 914.40 / 431.80 / 36.91 mm	−X · 1 3/4 in (44.45 mm)
EDGER1.4529999999999998-04 · SCREW8-175	P04 → CRB	36 / 20 / 1.453 in 914.40 / 508.00 / 36.91 mm	−X · 1 3/4 in (44.45 mm)

Fastener stations · 121–132

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
EDGER46.547-01 · SCREW8-175	P04 → CRT	36 / 5 / 46.547 in 914.40 / 127.00 / 1182.29 mm	−X · 1 3/4 in (44.45 mm)
EDGER46.547-02 · SCREW8-175	P04 → CRT	36 / 11 / 46.547 in 914.40 / 279.40 / 1182.29 mm	−X · 1 3/4 in (44.45 mm)
EDGER46.547-03 · SCREW8-175	P04 → CRT	36 / 17 / 46.547 in 914.40 / 431.80 / 1182.29 mm	−X · 1 3/4 in (44.45 mm)
EDGER46.547-04 · SCREW8-175	P04 → CRT	36 / 20 / 46.547 in 914.40 / 508.00 / 1182.29 mm	−X · 1 3/4 in (44.45 mm)
BACK1.1404999999999998-01 · SCREW8-175	P05 → CLV	1.1405 / 24 / 5 in 28.97 / 609.60 / 127.00 mm	−Y · 1 3/4 in (44.45 mm)
BACK1.1404999999999998-02 · SCREW8-175	P05 → CLV	1.1405 / 24 / 14 in 28.97 / 609.60 / 355.60 mm	−Y · 1 3/4 in (44.45 mm)
BACK1.1404999999999998-03 · SCREW8-175	P05 → CLV	1.1405 / 24 / 23 in 28.97 / 609.60 / 584.20 mm	−Y · 1 3/4 in (44.45 mm)
BACK1.1404999999999998-04 · SCREW8-175	P05 → CLV	1.1405 / 24 / 32 in 28.97 / 609.60 / 812.80 mm	−Y · 1 3/4 in (44.45 mm)
BACK1.1404999999999998-05 · SCREW8-175	P05 → CLV	1.1405 / 24 / 41 in 28.97 / 609.60 / 1041.40 mm	−Y · 1 3/4 in (44.45 mm)
BACK1.1404999999999998-06 · SCREW8-175	P05 → CLV	1.1405 / 24 / 46 in 28.97 / 609.60 / 1168.40 mm	−Y · 1 3/4 in (44.45 mm)
BACK34.8595-01 · SCREW8-175	P05 → CRV	34.8595 / 24 / 5 in 885.43 / 609.60 / 127.00 mm	−Y · 1 3/4 in (44.45 mm)
BACK34.8595-02 · SCREW8-175	P05 → CRV	34.8595 / 24 / 14 in 885.43 / 609.60 / 355.60 mm	−Y · 1 3/4 in (44.45 mm)

Fastener stations · 133–144

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
BACK34.8595-03 · SCREW8-175	P05 → CRV	34.8595 / 24 / 23 in 885.43 / 609.60 / 584.20 mm	−Y · 1 3/4 in (44.45 mm)
BACK34.8595-04 · SCREW8-175	P05 → CRV	34.8595 / 24 / 32 in 885.43 / 609.60 / 812.80 mm	−Y · 1 3/4 in (44.45 mm)
BACK34.8595-05 · SCREW8-175	P05 → CRV	34.8595 / 24 / 41 in 885.43 / 609.60 / 1041.40 mm	−Y · 1 3/4 in (44.45 mm)
BACK34.8595-06 · SCREW8-175	P05 → CRV	34.8595 / 24 / 46 in 885.43 / 609.60 / 1168.40 mm	−Y · 1 3/4 in (44.45 mm)
FLOOR1.1404999999999998-01 · SCREW8-175	P01 → CLB	1.1405 / 6.5 / 0 in 28.97 / 165.10 / 0.00 mm	+Z · 1 3/4 in (44.45 mm)
FLOOR1.1404999999999998-02 · SCREW8-175	P01 → CLB	1.1405 / 13.5 / 0 in 28.97 / 342.90 / 0.00 mm	+Z · 1 3/4 in (44.45 mm)
FLOOR1.1404999999999998-03 · SCREW8-175	P01 → CLB	1.1405 / 19 / 0 in 28.97 / 482.60 / 0.00 mm	+Z · 1 3/4 in (44.45 mm)
ROOF1.1404999999999998-01 · SCREW8-175	P02 → CLT	1.1405 / 6.5 / 48 in 28.97 / 165.10 / 1219.20 mm	−Z · 1 3/4 in (44.45 mm)
ROOF1.1404999999999998-02 · SCREW8-175	P02 → CLT	1.1405 / 13.5 / 48 in 28.97 / 342.90 / 1219.20 mm	−Z · 1 3/4 in (44.45 mm)
ROOF1.1404999999999998-03 · SCREW8-175	P02 → CLT	1.1405 / 19 / 48 in 28.97 / 482.60 / 1219.20 mm	−Z · 1 3/4 in (44.45 mm)
FLOOR34.8595-01 · SCREW8-175	P01 → CRB	34.8595 / 6.5 / 0 in 885.43 / 165.10 / 0.00 mm	+Z · 1 3/4 in (44.45 mm)
FLOOR34.8595-02 · SCREW8-175	P01 → CRB	34.8595 / 13.5 / 0 in 885.43 / 342.90 / 0.00 mm	+Z · 1 3/4 in (44.45 mm)

Fastener stations · 145–156

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
FLOOR34.8595-03 · SCREW8-175	P01 → CRB	34.8595 / 19 / 0 in 885.43 / 482.60 / 0.00 mm	+Z · 1 3/4 in (44.45 mm)
ROOF34.8595-01 · SCREW8-175	P02 → CRT	34.8595 / 6.5 / 48 in 885.43 / 165.10 / 1219.20 mm	−Z · 1 3/4 in (44.45 mm)
ROOF34.8595-02 · SCREW8-175	P02 → CRT	34.8595 / 13.5 / 48 in 885.43 / 342.90 / 1219.20 mm	−Z · 1 3/4 in (44.45 mm)
ROOF34.8595-03 · SCREW8-175	P02 → CRT	34.8595 / 19 / 48 in 885.43 / 482.60 / 1219.20 mm	−Z · 1 3/4 in (44.45 mm)
FLOORFB2.0-01 · SCREW8-175	P01 → CFB	6 / 2 / 0 in 152.40 / 50.80 / 0.00 mm	+Z · 1 3/4 in (44.45 mm)
FLOORFB2.0-02 · SCREW8-175	P01 → CFB	12 / 2 / 0 in 304.80 / 50.80 / 0.00 mm	+Z · 1 3/4 in (44.45 mm)
FLOORFB2.0-03 · SCREW8-175	P01 → CFB	24 / 2 / 0 in 609.60 / 50.80 / 0.00 mm	+Z · 1 3/4 in (44.45 mm)
FLOORFB2.0-04 · SCREW8-175	P01 → CFB	30 / 2 / 0 in 762.00 / 50.80 / 0.00 mm	+Z · 1 3/4 in (44.45 mm)
FLOORFB22.847-01 · SCREW8-175	P01 → CBB	6 / 22.847 / 0 in 152.40 / 580.31 / 0.00 mm	+Z · 1 3/4 in (44.45 mm)
FLOORFB22.847-02 · SCREW8-175	P01 → CBB	12 / 22.847 / 0 in 304.80 / 580.31 / 0.00 mm	+Z · 1 3/4 in (44.45 mm)
FLOORFB22.847-03 · SCREW8-175	P01 → CBB	24 / 22.847 / 0 in 609.60 / 580.31 / 0.00 mm	+Z · 1 3/4 in (44.45 mm)
FLOORFB22.847-04 · SCREW8-175	P01 → CBB	30 / 22.847 / 0 in 762.00 / 580.31 / 0.00 mm	+Z · 1 3/4 in (44.45 mm)

Fastener stations · 157–168

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
ROOFHEAD-01 · SCREW8-175	P02 → FD	6 / 0.375 / 48 in 152.40 / 9.52 / 1219.20 mm	−Z · 1 3/4 in (44.45 mm)
ROOFHEAD-02 · SCREW8-175	P02 → FD	12 / 0.375 / 48 in 304.80 / 9.52 / 1219.20 mm	−Z · 1 3/4 in (44.45 mm)
ROOFHEAD-03 · SCREW8-175	P02 → FD	24 / 0.375 / 48 in 609.60 / 9.52 / 1219.20 mm	−Z · 1 3/4 in (44.45 mm)
ROOFHEAD-04 · SCREW8-175	P02 → FD	30 / 0.375 / 48 in 762.00 / 9.52 / 1219.20 mm	−Z · 1 3/4 in (44.45 mm)
RIBBEAR-01 · SCREW8-250	RC → RF	18.3 / 2 / 47.297 in 464.82 / 50.80 / 1201.34 mm	−Z · 2 1/2 in (63.5 mm)
RIBBEAR-02 · SCREW8-250	RC → RB	18.3 / 22.797 / 47.297 in 464.82 / 579.04 / 1201.34 mm	−Z · 2 1/2 in (63.5 mm)
COLUMN-01 · SCREW8-250	FE + FF + CCa → CCb	18 / 0 / 8 in 457.20 / 0.00 / 203.20 mm	+Y · 2 1/2 in (63.5 mm)
COLUMN-02 · SCREW8-250	FE + FF + CCa → CCb	18 / 0 / 16 in 457.20 / 0.00 / 406.40 mm	+Y · 2 1/2 in (63.5 mm)
COLUMN-03 · SCREW8-250	FE + FF + CCa → CCb	18 / 0 / 24 in 457.20 / 0.00 / 609.60 mm	+Y · 2 1/2 in (63.5 mm)
COLUMN-04 · SCREW8-250	FE + FF + CCa → CCb	18 / 0 / 32 in 457.20 / 0.00 / 812.80 mm	+Y · 2 1/2 in (63.5 mm)
COLUMN-05 · SCREW8-250	FE + FF + CCa → CCb	18 / 0 / 40 in 457.20 / 0.00 / 1016.00 mm	+Y · 2 1/2 in (63.5 mm)
FRONTREC1.4529999999999998-01 · SCREW8-250	FC + FGL → CFB	5 / 0 / 1.453 in 127.00 / 0.00 / 36.91 mm	+Y · 2 1/2 in (63.5 mm)

Fastener stations · 169–180

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
FRONTREC1.4529999999999998-02 · SCREW8-250	FC + FGL → CFB	10 / 0 / 1.453 in 254.00 / 0.00 / 36.91 mm	+Y · 2 1/2 in (63.5 mm)
FRONTREC1.4529999999999998-03 · SCREW8-250	FC + FGL → CFB	15 / 0 / 1.453 in 381.00 / 0.00 / 36.91 mm	+Y · 2 1/2 in (63.5 mm)
FRONTREC1.4529999999999998-04 · SCREW8-250	FC + FGR → CFB	21 / 0 / 1.453 in 533.40 / 0.00 / 36.91 mm	+Y · 2 1/2 in (63.5 mm)
FRONTREC1.4529999999999998-05 · SCREW8-250	FC + FGR → CFB	26 / 0 / 1.453 in 660.40 / 0.00 / 36.91 mm	+Y · 2 1/2 in (63.5 mm)
FRONTREC1.4529999999999998-06 · SCREW8-250	FC + FGR → CFB	31 / 0 / 1.453 in 787.40 / 0.00 / 36.91 mm	+Y · 2 1/2 in (63.5 mm)
BACKREC1.45299999999999998-01 · SCREW8-175	P05 → CBB	5 / 24 / 1.453 in 127.00 / 609.60 / 36.91 mm	−Y · 1 3/4 in (44.45 mm)
BACKREC1.45299999999999998-02 · SCREW8-175	P05 → CBB	10 / 24 / 1.453 in 254.00 / 609.60 / 36.91 mm	−Y · 1 3/4 in (44.45 mm)
BACKREC1.45299999999999998-03 · SCREW8-175	P05 → CBB	15 / 24 / 1.453 in 381.00 / 609.60 / 36.91 mm	−Y · 1 3/4 in (44.45 mm)
BACKREC1.45299999999999998-04 · SCREW8-175	P05 → CBB	21 / 24 / 1.453 in 533.40 / 609.60 / 36.91 mm	−Y · 1 3/4 in (44.45 mm)
BACKREC1.45299999999999998-05 · SCREW8-175	P05 → CBB	26 / 24 / 1.453 in 660.40 / 609.60 / 36.91 mm	−Y · 1 3/4 in (44.45 mm)
BACKREC1.45299999999999998-06 · SCREW8-175	P05 → CBB	31 / 24 / 1.453 in 787.40 / 609.60 / 36.91 mm	−Y · 1 3/4 in (44.45 mm)
FRONTREC45.047-01 · SCREW8-250	FD + FHL → RF	5 / 0 / 45.047 in 127.00 / 0.00 / 1144.19 mm	+Y · 2 1/2 in (63.5 mm)

Fastener stations · 181–192

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
FRONTREC45.047-02 · SCREW8-250	FD + FHL → RF	10 / 0 / 45.047 in 254.00 / 0.00 / 1144.19 mm	+Y · 2 1/2 in (63.5 mm)
FRONTREC45.047-03 · SCREW8-250	FD + FHL → RF	15 / 0 / 45.047 in 381.00 / 0.00 / 1144.19 mm	+Y · 2 1/2 in (63.5 mm)
FRONTREC45.047-04 · SCREW8-250	FD + FHR → RF	21 / 0 / 45.047 in 533.40 / 0.00 / 1144.19 mm	+Y · 2 1/2 in (63.5 mm)
FRONTREC45.047-05 · SCREW8-250	FD + FHR → RF	26 / 0 / 45.047 in 660.40 / 0.00 / 1144.19 mm	+Y · 2 1/2 in (63.5 mm)
FRONTREC45.047-06 · SCREW8-250	FD + FHR → RF	31 / 0 / 45.047 in 787.40 / 0.00 / 1144.19 mm	+Y · 2 1/2 in (63.5 mm)
BACKREC45.047-01 · SCREW8-175	P05 → RB	5 / 24 / 45.047 in 127.00 / 609.60 / 1144.19 mm	−Y · 1 3/4 in (44.45 mm)
BACKREC45.047-02 · SCREW8-175	P05 → RB	10 / 24 / 45.047 in 254.00 / 609.60 / 1144.19 mm	−Y · 1 3/4 in (44.45 mm)
BACKREC45.047-03 · SCREW8-175	P05 → RB	15 / 24 / 45.047 in 381.00 / 609.60 / 1144.19 mm	−Y · 1 3/4 in (44.45 mm)
BACKREC45.047-04 · SCREW8-175	P05 → RB	21 / 24 / 45.047 in 533.40 / 609.60 / 1144.19 mm	−Y · 1 3/4 in (44.45 mm)
BACKREC45.047-05 · SCREW8-175	P05 → RB	26 / 24 / 45.047 in 660.40 / 609.60 / 1144.19 mm	−Y · 1 3/4 in (44.45 mm)
BACKREC45.047-06 · SCREW8-175	P05 → RB	31 / 24 / 45.047 in 787.40 / 609.60 / 1144.19 mm	−Y · 1 3/4 in (44.45 mm)
RESTRAINTREC1 · SCREW8-250	RT + P05 → RB	6 / 24.75 / 45.213 in 152.40 / 628.65 / 1148.41 mm	−Y · 2 1/2 in (63.5 mm)

Fastener stations · 193–204

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
RESTRAINTREC2 · SCREW8-250	RT + P05 → RB	14 / 24.75 / 45.213 in 355.60 / 628.65 / 1148.41 mm	−Y · 2 1/2 in (63.5 mm)
RESTRAINTREC3 · SCREW8-250	RT + P05 → RB	22 / 24.75 / 45.213 in 558.80 / 628.65 / 1148.41 mm	−Y · 2 1/2 in (63.5 mm)
RESTRAINTREC4 · SCREW8-250	RT + P05 → RB	30 / 24.75 / 45.213 in 762.00 / 628.65 / 1148.41 mm	−Y · 2 1/2 in (63.5 mm)
HINGE11F1 · SCREW8-125	SP-H11-fixed + FA → FI	2.5455 / -0.205 / 9.358 in 64.66 / -5.21 / 237.69 mm	+Y · 1 1/4 in (31.75 mm)
HINGE11F2 · SCREW8-125	SP-H11-fixed + FA → FI	2.3255 / -0.205 / 10.328 in 59.07 / -5.21 / 262.33 mm	+Y · 1 1/4 in (31.75 mm)
HINGE11F3 · SCREW8-125	SP-H11-fixed + FA → FI	2.5455 / -0.205 / 11.298 in 64.66 / -5.21 / 286.97 mm	+Y · 1 1/4 in (31.75 mm)
HINGE11M1 · SCREW8-125	SP-H11-moving + D1A → D1G	3.9855 / -0.205 / 9.358 in 101.23 / -5.21 / 237.69 mm	+Y · 1 1/4 in (31.75 mm)
HINGE11M2 · SCREW8-125	SP-H11-moving + D1A → D1G	4.2055 / -0.205 / 10.328 in 106.82 / -5.21 / 262.33 mm	+Y · 1 1/4 in (31.75 mm)
HINGE11M3 · SCREW8-125	SP-H11-moving + D1A → D1G	3.9855 / -0.205 / 11.298 in 101.23 / -5.21 / 286.97 mm	+Y · 1 1/4 in (31.75 mm)
HINGE12F1 · SCREW8-125	SP-H12-fixed + FA → FI	2.5455 / -0.205 / 24.53 in 64.66 / -5.21 / 623.06 mm	+Y · 1 1/4 in (31.75 mm)
HINGE12F2 · SCREW8-125	SP-H12-fixed + FA → FI	2.3255 / -0.205 / 25.5 in 59.07 / -5.21 / 647.70 mm	+Y · 1 1/4 in (31.75 mm)
HINGE12F3 · SCREW8-125	SP-H12-fixed + FA → FI	2.5455 / -0.205 / 26.47 in 64.66 / -5.21 / 672.34 mm	+Y · 1 1/4 in (31.75 mm)

Fastener stations · 205–216

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
HINGE12M1 · SCREW8-125	SP-H12-moving + D1A → D1G	3.9855 / -0.205 / 24.53 in 101.23 / -5.21 / 623.06 mm	+Y · 1 1/4 in (31.75 mm)
HINGE12M2 · SCREW8-125	SP-H12-moving + D1A → D1G	4.2055 / -0.205 / 25.5 in 106.82 / -5.21 / 647.70 mm	+Y · 1 1/4 in (31.75 mm)
HINGE12M3 · SCREW8-125	SP-H12-moving + D1A → D1G	3.9855 / -0.205 / 26.47 in 101.23 / -5.21 / 672.34 mm	+Y · 1 1/4 in (31.75 mm)
HINGE13F1 · SCREW8-125	SP-H13-fixed + FA → FI	2.5455 / -0.205 / 39.702 in 64.66 / -5.21 / 1008.43 mm	+Y · 1 1/4 in (31.75 mm)
HINGE13F2 · SCREW8-125	SP-H13-fixed + FA → FI	2.3255 / -0.205 / 40.672 in 59.07 / -5.21 / 1033.07 mm	+Y · 1 1/4 in (31.75 mm)
HINGE13F3 · SCREW8-125	SP-H13-fixed + FA → FI	2.5455 / -0.205 / 41.642 in 64.66 / -5.21 / 1057.71 mm	+Y · 1 1/4 in (31.75 mm)
HINGE13M1 · SCREW8-125	SP-H13-moving + D1A → D1G	3.9855 / -0.205 / 39.702 in 101.23 / -5.21 / 1008.43 mm	+Y · 1 1/4 in (31.75 mm)
HINGE13M2 · SCREW8-125	SP-H13-moving + D1A → D1G	4.2055 / -0.205 / 40.672 in 106.82 / -5.21 / 1033.07 mm	+Y · 1 1/4 in (31.75 mm)
HINGE13M3 · SCREW8-125	SP-H13-moving + D1A → D1G	3.9855 / -0.205 / 41.642 in 101.23 / -5.21 / 1057.71 mm	+Y · 1 1/4 in (31.75 mm)
HINGE21M1 · SCREW8-125	SP-H21-moving + D2B → D2H	32.0145 / -0.205 / 9.358 in 813.17 / -5.21 / 237.69 mm	+Y · 1 1/4 in (31.75 mm)
HINGE21M2 · SCREW8-125	SP-H21-moving + D2B → D2H	31.7945 / -0.205 / 10.328 in 807.58 / -5.21 / 262.33 mm	+Y · 1 1/4 in (31.75 mm)
HINGE21M3 · SCREW8-125	SP-H21-moving + D2B → D2H	32.0145 / -0.205 / 11.298 in 813.17 / -5.21 / 286.97 mm	+Y · 1 1/4 in (31.75 mm)

Fastener stations · 217–228

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
HINGE21F1 · SCREW8-125	SP-H21-fixed + FB → FJ	33.4545 / -0.205 / 9.358 in 849.74 / -5.21 / 237.69 mm	+Y · 1 1/4 in (31.75 mm)
HINGE21F2 · SCREW8-125	SP-H21-fixed + FB → FJ	33.6745 / -0.205 / 10.328 in 855.33 / -5.21 / 262.33 mm	+Y · 1 1/4 in (31.75 mm)
HINGE21F3 · SCREW8-125	SP-H21-fixed + FB → FJ	33.4545 / -0.205 / 11.298 in 849.74 / -5.21 / 286.97 mm	+Y · 1 1/4 in (31.75 mm)
HINGE22M1 · SCREW8-125	SP-H22-moving + D2B → D2H	32.0145 / -0.205 / 24.53 in 813.17 / -5.21 / 623.06 mm	+Y · 1 1/4 in (31.75 mm)
HINGE22M2 · SCREW8-125	SP-H22-moving + D2B → D2H	31.7945 / -0.205 / 25.5 in 807.58 / -5.21 / 647.70 mm	+Y · 1 1/4 in (31.75 mm)
HINGE22M3 · SCREW8-125	SP-H22-moving + D2B → D2H	32.0145 / -0.205 / 26.47 in 813.17 / -5.21 / 672.34 mm	+Y · 1 1/4 in (31.75 mm)
HINGE22F1 · SCREW8-125	SP-H22-fixed + FB → FJ	33.4545 / -0.205 / 24.53 in 849.74 / -5.21 / 623.06 mm	+Y · 1 1/4 in (31.75 mm)
HINGE22F2 · SCREW8-125	SP-H22-fixed + FB → FJ	33.6745 / -0.205 / 25.5 in 855.33 / -5.21 / 647.70 mm	+Y · 1 1/4 in (31.75 mm)
HINGE22F3 · SCREW8-125	SP-H22-fixed + FB → FJ	33.4545 / -0.205 / 26.47 in 849.74 / -5.21 / 672.34 mm	+Y · 1 1/4 in (31.75 mm)
HINGE23M1 · SCREW8-125	SP-H23-moving + D2B → D2H	32.0145 / -0.205 / 39.702 in 813.17 / -5.21 / 1008.43 mm	+Y · 1 1/4 in (31.75 mm)
HINGE23M2 · SCREW8-125	SP-H23-moving + D2B → D2H	31.7945 / -0.205 / 40.672 in 807.58 / -5.21 / 1033.07 mm	+Y · 1 1/4 in (31.75 mm)
HINGE23M3 · SCREW8-125	SP-H23-moving + D2B → D2H	32.0145 / -0.205 / 41.642 in 813.17 / -5.21 / 1057.71 mm	+Y · 1 1/4 in (31.75 mm)

Fastener stations · 229–240

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
HINGE23F1 · SCREW8-125	SP-H23-fixed + FB → FJ	33.4545 / -0.205 / 39.702 in 849.74 / -5.21 / 1008.43 mm	+Y · 1 1/4 in (31.75 mm)
HINGE23F2 · SCREW8-125	SP-H23-fixed + FB → FJ	33.6745 / -0.205 / 40.672 in 855.33 / -5.21 / 1033.07 mm	+Y · 1 1/4 in (31.75 mm)
HINGE23F3 · SCREW8-125	SP-H23-fixed + FB → FJ	33.4545 / -0.205 / 41.642 in 849.74 / -5.21 / 1057.71 mm	+Y · 1 1/4 in (31.75 mm)
L-HP1 · HASP-SCREW	L-HP-base → D1B	16.27375 / -0.07 / 23 in 413.35 / -1.78 / 584.20 mm	+Y · 5/8 in (15.88 mm)
L-HP2 · HASP-SCREW	L-HP-base → D1B	15.90375 / -0.07 / 23.5 in 403.96 / -1.78 / 596.90 mm	+Y · 5/8 in (15.88 mm)
L-HP3 · HASP-SCREW	L-HP-base → D1B	15.80375 / -0.07 / 22.5 in 401.42 / -1.78 / 571.50 mm	+Y · 5/8 in (15.88 mm)
L-ST1 · HASP-SCREW	L-ST-base → FE	18.15375 / -0.07 / 22.44 in 461.11 / -1.78 / 569.98 mm	+Y · 5/8 in (15.88 mm)
L-ST2 · HASP-SCREW	L-ST-base → FE	17.03375 / -0.07 / 22.44 in 432.66 / -1.78 / 569.98 mm	+Y · 5/8 in (15.88 mm)
L-ST3 · HASP-SCREW	L-ST-base → FE	18.15375 / -0.07 / 23.56 in 461.11 / -1.78 / 598.42 mm	+Y · 5/8 in (15.88 mm)
L-ST4 · HASP-SCREW	L-ST-base → FE	17.03375 / -0.07 / 23.56 in 432.66 / -1.78 / 598.42 mm	+Y · 5/8 in (15.88 mm)
R-HP1 · HASP-SCREW	R-HP-base → D2A	19.72625 / -0.07 / 29 in 501.05 / -1.78 / 736.60 mm	+Y · 5/8 in (15.88 mm)
R-HP2 · HASP-SCREW	R-HP-base → D2A	20.09625 / -0.07 / 29.5 in 510.44 / -1.78 / 749.30 mm	+Y · 5/8 in (15.88 mm)

Fastener stations · 241–252

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
R-HP3 · HASP-SCREW	R-HP-base → D2A	20.19625 / -0.07 / 28.5 in 512.98 / -1.78 / 723.90 mm	+Y · 5/8 in (15.88 mm)
R-ST1 · HASP-SCREW	R-ST-base → FE	17.84625 / -0.07 / 28.44 in 453.29 / -1.78 / 722.38 mm	+Y · 5/8 in (15.88 mm)
R-ST2 · HASP-SCREW	R-ST-base → FE	18.96625 / -0.07 / 28.44 in 481.74 / -1.78 / 722.38 mm	+Y · 5/8 in (15.88 mm)
R-ST3 · HASP-SCREW	R-ST-base → FE	17.84625 / -0.07 / 29.56 in 453.29 / -1.78 / 750.82 mm	+Y · 5/8 in (15.88 mm)
R-ST4 · HASP-SCREW	R-ST-base → FE	18.96625 / -0.07 / 29.56 in 481.74 / -1.78 / 750.82 mm	+Y · 5/8 in (15.88 mm)
BR01 · BOLT	P02 + RB1L → interior washer + locknut + cover	3.5 / 4.5 / 48 in 88.90 / 114.30 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR02 · BOLT	P02 + RB1L → interior washer + locknut + cover	8.262 / 4.5 / 48 in 209.85 / 114.30 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR03 · BOLT	P02 + RB1L → interior washer + locknut + cover	12.049 / 4.5 / 48 in 306.04 / 114.30 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR04 · BOLT	P02 + RB1L → interior washer + locknut + cover	16.377 / 4.5 / 48 in 415.98 / 114.30 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR05 · BOLT	P02 + RB1R → interior washer + locknut + cover	19.623 / 4.5 / 48 in 498.42 / 114.30 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR06 · BOLT	P02 + RB1R → interior washer + locknut + cover	23.951 / 4.5 / 48 in 608.36 / 114.30 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR07 · BOLT	P02 + RB1R → interior washer + locknut + cover	27.738 / 4.5 / 48 in 704.55 / 114.30 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)

Fastener stations · 253–264

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
BR08 · BOLT	P02 + RB1R → interior washer + locknut + cover	32.5 / 4.5 / 48 in 825.50 / 114.30 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR09 · BOLT	P02 + RB2L → interior washer + locknut + cover	3.5 / 17.5 / 48 in 88.90 / 444.50 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR10 · BOLT	P02 + RB2L → interior washer + locknut + cover	8.262 / 17.5 / 48 in 209.85 / 444.50 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR11 · BOLT	P02 + RB2L → interior washer + locknut + cover	12.049 / 17.5 / 48 in 306.04 / 444.50 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR12 · BOLT	P02 + RB2L → interior washer + locknut + cover	16.377 / 17.5 / 48 in 415.98 / 444.50 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR13 · BOLT	P02 + RB2R → interior washer + locknut + cover	19.623 / 17.5 / 48 in 498.42 / 444.50 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR14 · BOLT	P02 + RB2R → interior washer + locknut + cover	23.951 / 17.5 / 48 in 608.36 / 444.50 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR15 · BOLT	P02 + RB2R → interior washer + locknut + cover	27.738 / 17.5 / 48 in 704.55 / 444.50 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR16 · BOLT	P02 + RB2R → interior washer + locknut + cover	32.5 / 17.5 / 48 in 825.50 / 444.50 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR17 · BOLT	P02 + RB3 → interior washer + locknut + cover	3.5 / 7.231 / 48 in 88.90 / 183.67 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR18 · BOLT	P02 + RB3 → interior washer + locknut + cover	3.5 / 11.025 / 48 in 88.90 / 280.03 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR19 · BOLT	P02 + RB3 → interior washer + locknut + cover	3.5 / 14.277 / 48 in 88.90 / 362.64 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)

Fastener stations · 265–276

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
BR20 · BOLT	P02 + RB4 → interior washer + locknut + cover	32.5 / 7.231 / 48 in 825.50 / 183.67 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR21 · BOLT	P02 + RB4 → interior washer + locknut + cover	32.5 / 11.025 / 48 in 825.50 / 280.03 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BR22 · BOLT	P02 + RB4 → interior washer + locknut + cover	32.5 / 14.277 / 48 in 825.50 / 362.64 / 1219.20 mm	−Z · 1 7/8 in (47.63 mm)
BVL01 · BOLT	P03 + VLB → interior washer + locknut + cover	0 / 4.5 / 6.875 in 0.00 / 114.30 / 174.62 mm	+X · 1 7/8 in (47.63 mm)
BVL02 · BOLT	P03 + VLB → interior washer + locknut + cover	0 / 11 / 6.875 in 0.00 / 279.40 / 174.62 mm	+X · 1 7/8 in (47.63 mm)
BVL03 · BOLT	P03 + VLB → interior washer + locknut + cover	0 / 17.5 / 6.875 in 0.00 / 444.50 / 174.62 mm	+X · 1 7/8 in (47.63 mm)
BVL04 · BOLT	P03 + VLT → interior washer + locknut + cover	0 / 4.5 / 10.125 in 0.00 / 114.30 / 257.18 mm	+X · 1 7/8 in (47.63 mm)
BVL05 · BOLT	P03 + VLT → interior washer + locknut + cover	0 / 11 / 10.125 in 0.00 / 279.40 / 257.18 mm	+X · 1 7/8 in (47.63 mm)
BVL06 · BOLT	P03 + VLT → interior washer + locknut + cover	0 / 17.5 / 10.125 in 0.00 / 444.50 / 257.18 mm	+X · 1 7/8 in (47.63 mm)
BVL07 · BOLT	P03 + VLF → interior washer + locknut + cover	0 / 4.5 / 8.5 in 0.00 / 114.30 / 215.90 mm	+X · 1 7/8 in (47.63 mm)
BVL08 · BOLT	P03 + VLR → interior washer + locknut + cover	0 / 17.5 / 8.5 in 0.00 / 444.50 / 215.90 mm	+X · 1 7/8 in (47.63 mm)
BVR01 · BOLT	P04 + VRB → interior washer + locknut + cover	36 / 4.5 / 6.875 in 914.40 / 114.30 / 174.62 mm	−X · 1 7/8 in (47.63 mm)

Fastener stations · 277–283

Use the assembly datums. First members receive clearance holes; receivers get stopped pilots. Screen screws enter outside at an 82° flush seat. Flat-head length includes the head. Received screws and full-stack trials govern.

ID / type	Through → receiver	Start X / Y / Z	Direction / length
BVR02 · BOLT	P04 + VRB → interior washer + locknut + cover	36 / 11 / 6.875 in 914.40 / 279.40 / 174.62 mm	−X · 1 7/8 in (47.63 mm)
BVR03 · BOLT	P04 + VRB → interior washer + locknut + cover	36 / 17.5 / 6.875 in 914.40 / 444.50 / 174.62 mm	−X · 1 7/8 in (47.63 mm)
BVR04 · BOLT	P04 + VRT → interior washer + locknut + cover	36 / 4.5 / 10.125 in 914.40 / 114.30 / 257.18 mm	−X · 1 7/8 in (47.63 mm)
BVR05 · BOLT	P04 + VRT → interior washer + locknut + cover	36 / 11 / 10.125 in 914.40 / 279.40 / 257.18 mm	−X · 1 7/8 in (47.63 mm)
BVR06 · BOLT	P04 + VRT → interior washer + locknut + cover	36 / 17.5 / 10.125 in 914.40 / 444.50 / 257.18 mm	−X · 1 7/8 in (47.63 mm)
BVR07 · BOLT	P04 + VRF → interior washer + locknut + cover	36 / 4.5 / 8.5 in 914.40 / 114.30 / 215.90 mm	−X · 1 7/8 in (47.63 mm)
BVR08 · BOLT	P04 + VRR → interior washer + locknut + cover	36 / 17.5 / 8.5 in 914.40 / 444.50 / 215.90 mm	−X · 1 7/8 in (47.63 mm)

Machining removals

Local X / Y / Z begin at the named part’s minimum assembled-coordinate corner. Read its orientation drawing. These cut volumes are clipped to the wood; stopped bore, countersink, bevel and actual-recess checks remain additional operations.

Cut / part	Local X / Y / Z	Removal size X × Y × Z
P02-CUT1 / P02	4 in (101.6 mm) / 5 in (127 mm) / 0 in (0 mm)	13 1/4 in (336.55 mm) × 12 in (304.8 mm) × 0.703 in (17.86 mm)
P02-CUT2 / P02	18 3/4 in (476.25 mm) / 5 in (127 mm) / 0 in (0 mm)	13 1/4 in (336.55 mm) × 12 in (304.8 mm) × 0.703 in (17.86 mm)
P03-CUT1 / P03	0 in (0 mm) / 5 in (127 mm) / 6.797 in (172.64 mm)	0.703 in (17.86 mm) × 12 in (304.8 mm) × 2 in (50.8 mm)
P04-CUT1 / P04	0 in (0 mm) / 5 in (127 mm) / 6.797 in (172.64 mm)	0.703 in (17.86 mm) × 12 in (304.8 mm) × 2 in (50.8 mm)
RF-CUT1 / RF	0 in (0 mm) / 0 in (0 mm) / 0 in (0 mm)	31.594 in (802.49 mm) × 1/32 in (0.79 mm) × 1/4 in (6.35 mm)
RC-CUT1 / RC	0 in (0 mm) / 2.994 in (76.05 mm) / 1.24025 in (31.5 mm)	1 1/2 in (38.1 mm) × 13.012 in (330.5 mm) × 3/32 in (2.38 mm)
RB1L-CUT1 / RB1L	4.762 in (120.95 mm) / 0 in (0 mm) / 0.541 in (13.74 mm)	1 in (25.4 mm) × 1 in (25.4 mm) × 0.209 in (5.31 mm)
RB1L-CUT2 / RB1L	8.549 in (217.14 mm) / 0 in (0 mm) / 0.541 in (13.74 mm)	1 in (25.4 mm) × 1 in (25.4 mm) × 0.209 in (5.31 mm)

Machining removals · continued

Local X / Y / Z begin at the named part's minimum assembled-coordinate corner. Read its orientation drawing. These cut volumes are clipped to the wood; stopped bore, countersink, bevel and actual-recess checks remain additional operations.

Cut / part	Local X / Y / Z	Removal size X × Y × Z
RB1L-CUT3 / RB1L	0.494 in (12.55 mm) / 0.494 in (12.55 mm) / 21/32 in (16.67 mm)	13.756 in (349.4 mm) × 0.506 in (12.85 mm) × 3/32 in (2.38 mm)
RB1R-CUT1 / RB1R	0 in (0 mm) / 0.494 in (12.55 mm) / 21/32 in (16.67 mm)	13.756 in (349.4 mm) × 0.506 in (12.85 mm) × 3/32 in (2.38 mm)
RB2L-CUT1 / RB2L	4.762 in (120.95 mm) / 0 in (0 mm) / 0.541 in (13.74 mm)	1 in (25.4 mm) × 1 in (25.4 mm) × 0.209 in (5.31 mm)
RB2L-CUT2 / RB2L	8.549 in (217.14 mm) / 0 in (0 mm) / 0.541 in (13.74 mm)	1 in (25.4 mm) × 1 in (25.4 mm) × 0.209 in (5.31 mm)
RB2L-CUT3 / RB2L	0.494 in (12.55 mm) / 0 in (0 mm) / 21/32 in (16.67 mm)	13.756 in (349.4 mm) × 0.506 in (12.85 mm) × 3/32 in (2.38 mm)
RB2R-CUT1 / RB2R	0 in (0 mm) / 0 in (0 mm) / 21/32 in (16.67 mm)	13.756 in (349.4 mm) × 0.506 in (12.85 mm) × 3/32 in (2.38 mm)
RB3-CUT1 / RB3	0.494 in (12.55 mm) / 0 in (0 mm) / 21/32 in (16.67 mm)	0.506 in (12.85 mm) × 12 in (304.8 mm) × 3/32 in (2.38 mm)
RB4-CUT1 / RB4	0 in (0 mm) / 0 in (0 mm) / 21/32 in (16.67 mm)	0.506 in (12.85 mm) × 12 in (304.8 mm) × 3/32 in (2.38 mm)

Machining removals · continued

Local X / Y / Z begin at the named part's minimum assembled-coordinate corner. Read its orientation drawing. These cut volumes are clipped to the wood; stopped bore, countersink, bevel and actual-recess checks remain additional operations.

Cut / part	Local X / Y / Z	Removal size X × Y × Z
VLB-CUT1 / VLB	0 in (0 mm) / 0.494 in (12.55 mm) / 0.494 in (12.55 mm)	3/32 in (2.38 mm) × 13.012 in (330.5 mm) × 0.756 in (19.2 mm)
VLT-CUT1 / VLT	0 in (0 mm) / 0.494 in (12.55 mm) / 0 in (0 mm)	3/32 in (2.38 mm) × 13.012 in (330.5 mm) × 0.756 in (19.2 mm)
VLF-CUT1 / VLF	0 in (0 mm) / 0.494 in (12.55 mm) / 0 in (0 mm)	3/32 in (2.38 mm) × 0.506 in (12.85 mm) × 2 in (50.8 mm)
VLR-CUT1 / VLR	0 in (0 mm) / 0 in (0 mm) / 0 in (0 mm)	3/32 in (2.38 mm) × 0.506 in (12.85 mm) × 2 in (50.8 mm)
VRB-CUT1 / VRB	21/32 in (16.67 mm) / 0.494 in (12.55 mm) / 0.494 in (12.55 mm)	3/32 in (2.38 mm) × 13.012 in (330.5 mm) × 0.756 in (19.2 mm)
VRT-CUT1 / VRT	21/32 in (16.67 mm) / 0.494 in (12.55 mm) / 0 in (0 mm)	3/32 in (2.38 mm) × 13.012 in (330.5 mm) × 0.756 in (19.2 mm)
VRF-CUT1 / VRF	21/32 in (16.67 mm) / 0.494 in (12.55 mm) / 0 in (0 mm)	3/32 in (2.38 mm) × 0.506 in (12.85 mm) × 2 in (50.8 mm)
VRR-CUT1 / VRR	21/32 in (16.67 mm) / 0 in (0 mm) / 0 in (0 mm)	3/32 in (2.38 mm) × 0.506 in (12.85 mm) × 2 in (50.8 mm)

Machining removals · continued

Local X / Y / Z begin at the named part’s minimum assembled-coordinate corner. Read its orientation drawing. These cut volumes are clipped to the wood; stopped bore, countersink, bevel and actual-recess checks remain additional operations.

Cut / part	Local X / Y / Z	Removal size X × Y × Z
S10-CUT1 / S10	0 in (0 mm) / 0 in (0 mm) / 3/4 in (19.05 mm)	1 in (25.4 mm) × 1/32 in (0.79 mm) × 1/4 in (6.35 mm)
S11-CUT1 / S11	0 in (0 mm) / 0 in (0 mm) / 3/4 in (19.05 mm)	1 in (25.4 mm) × 1/32 in (0.79 mm) × 1/4 in (6.35 mm)
S20-CUT1 / S20	0 in (0 mm) / 0 in (0 mm) / 3/4 in (19.05 mm)	1 in (25.4 mm) × 1/32 in (0.79 mm) × 1/4 in (6.35 mm)
S21-CUT1 / S21	0 in (0 mm) / 0 in (0 mm) / 3/4 in (19.05 mm)	1 in (25.4 mm) × 1/32 in (0.79 mm) × 1/4 in (6.35 mm)

Receiving and physical acceptance record

Leave blank until measured or performed. A render, calculation or digital check does not fill these fields.

Required checkpoint	Actual result / date / reviewer
H01 · Received stock and full veneer system Measure real stock and total finished layer; maximum 0.046 in (1.17 mm). Obtain balance/bond/finish advice and trial a full-size laminated tall door. At least 1/16 in (1.59 mm) finished door gaps; extra balance layers require a revision.	_____ _____ _____
H02 · Six hinges, pads and two hasps Receive 1798A21 hinges and N305-979 hasps; trial paired rigid pads, transferred holes, screw engagement and full bearing. Obtain custom mounting acceptance. Check independent release, swing and supported pin removal with roof fitted. No tall-door weight rating inferred.	_____ _____ _____

Glue time: _____ · Last coating/repair: _____

Temperature / humidity: _____ · Full cure due: _____

Confirmed PSA dwell: _____ · Physical acceptance: _____

Receiving and physical acceptance record

Leave blank until measured or performed. A render, calculation or digital check does not fill these fields.

Required checkpoint	Actual result / date / reviewer
H03 · Screen capture, steel seats and 38 flush fixings Trial actual wire, 3/32 in (2.38 mm) relief, positive wood bearing, all clear cell axes, 82-degree plywood seats, inside tool access and cap depth. Revised steel pockets leave 0.541 in (13.74 mm) reference wood below; establish their suitability and actual stack before cutting. No clamp torque or load rating established.	_____ _____ _____
H04 · Cured solid-pad glazing Measure actual acrylic and two solid neoprene faces; mill finished contact pocket for light contact and free expansion. Reference bare spacer 0.351 in (8.92 mm) includes .003 coating at each opposing contact surface. No forced compression, pane bow, drilled panes or water-seal claim.	_____ _____ _____

Glue time: _____ · Last coating/repair: _____
Temperature / humidity: _____ · Full cure due: _____
Confirmed PSA dwell: _____ · Physical acceptance: _____

Receiving and physical acceptance record

Leave blank until measured or performed. A render, calculation or digital check does not fill these fields.

Required checkpoint	Actual result / date / reviewer
H05 · Coatings, bond and exposure Dry indoor non-immersed reference. Confirm veneer/preseal/topcoat/cleaner compatibility, supplier waits and full cure. No animal toxicology or water-holding approval.	_____ _____ _____
H06 · Restraints, support, fixture and containment Two complete kits on external RT and verified site wall/support; no generic bracket layout or assembly tipping rating. Full base support, loaded stability, prototype roof loading and fixture thermal tests remain open. Right roof heat-free; actual animal-specific ventilation, gaps and cleaning need review.	_____ _____ _____

Glue time: _____ · Last coating/repair: _____

Temperature / humidity: _____ · Full cure due: _____

Confirmed PSA dwell: _____ · Physical acceptance: _____

Sources, limits and maintenance

Product research and practical acceptance are separate. Current identity observations and exact document hashes are in the review packet.

- McMaster 1798A21 removable-pin hinges
- National Hardware N305-979 drawing
- OPTIX fabrication and cleaning
- Titebond III application and limits
- Oakwood PSA application
- Varathane Triple Thick technical data
- Poly Haven texture license

Separate statuses: research, dimensions, calculations and digital validation have their own evidence. No prototype has been built. Physical testing and qualified review have not been performed. Publication does not replace these construction checks.

This is an indoor non-immersed wooden shell. Keep wet features in separate removable leakproof containers. Disconnect equipment, secure occupants elsewhere and empty the enclosure before service. Use the pictured removal sequence and repeat affected checks after repair.

Full veneer is included in the schedule and model, subject to supplier balance, bond and cured-stack acceptance. The maple, white-oak and walnut scans by Jenelle van Heerden via Poly Haven illustrate appearance; natural grain and colour vary by delivered sheet.