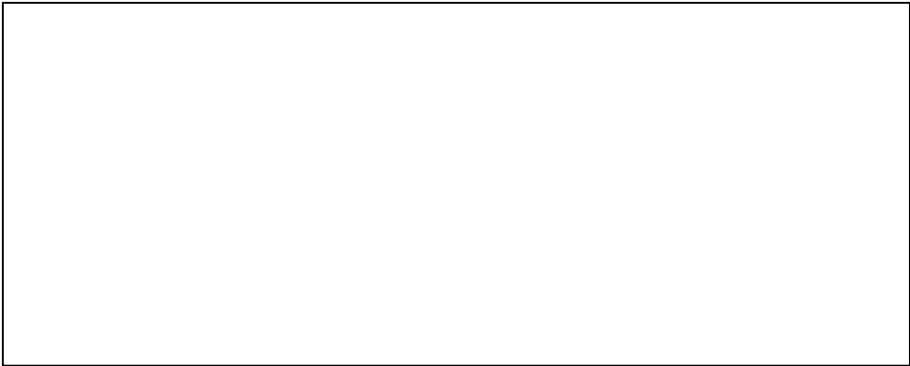


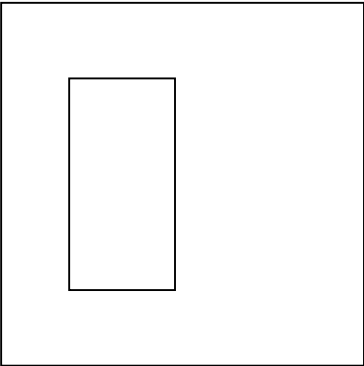
High-roof Camper Van

camper-van / 1.0.0 / Letter / Template page 1

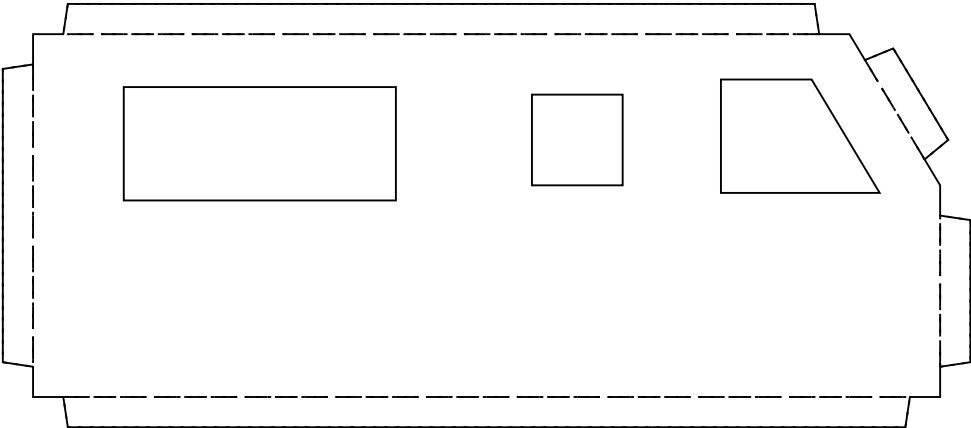
B3 | cut 1
120.00 x 48.00 mm



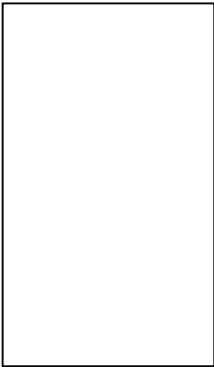
B7 | cut 1
48.00 x 48.00 mm



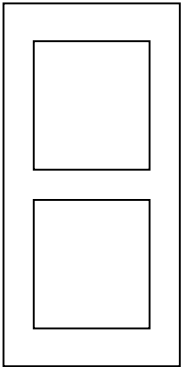
B1 | cut 1
128.00 x 56.00 mm



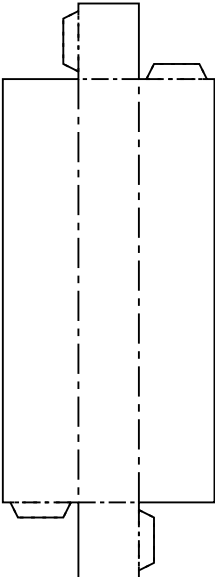
B4 | cut 1
28.00 x 48.00 mm



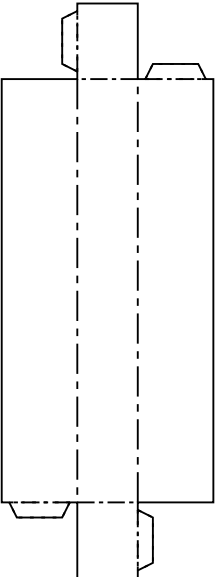
B5 | cut 1
23.32 x 48.00 mm



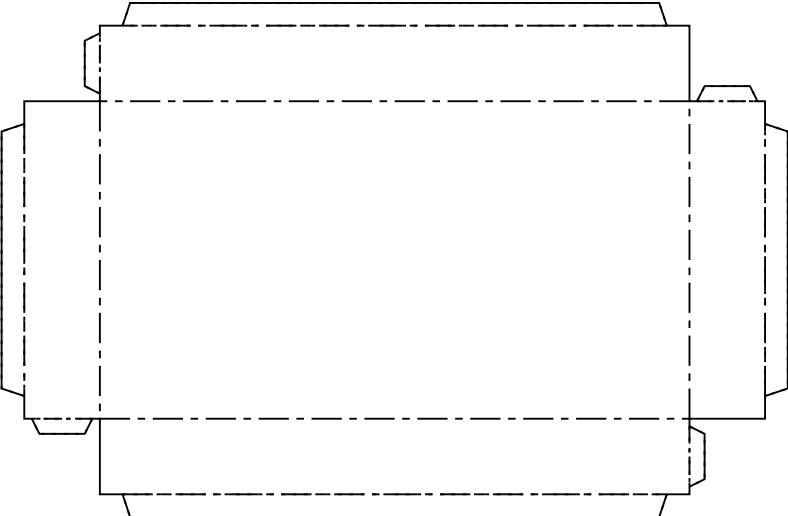
C1 | cut 1
28.00 x 76.00 mm



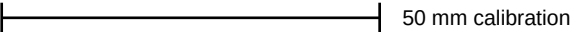
C2 | cut 1
28.00 x 76.00 mm



R1 | cut 1
104.00 x 68.00 mm



Solid: cut | Dashed: valley | Dash-dot: mountain | Dotted: glue

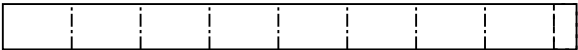


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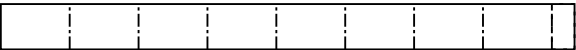
High-roof Camper Van

camper-van / 1.0.0 / Letter / Template page 2

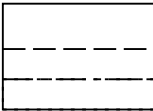
W2T | cut 1
75.90 x 6.00 mm



W3T | cut 1
75.90 x 6.00 mm



D2 | cut 1
20.00 x 14.00 mm



H1 | cut 1
7.39 x 7.39 mm



H2 | cut 1
7.39 x 7.39 mm



H3 | cut 1
7.39 x 7.39 mm



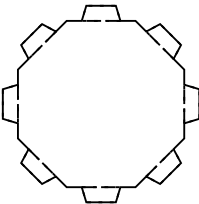
H4 | cut 1
7.39 x 7.39 mm



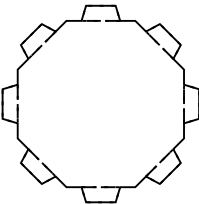
W1T | cut 1
75.90 x 6.00 mm



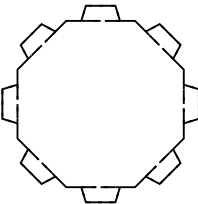
W2O | cut 1
26.00 x 26.00 mm



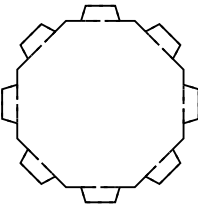
W3I | cut 1
26.00 x 26.00 mm



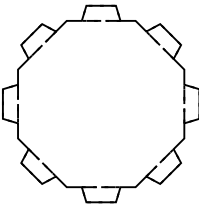
W3O | cut 1
26.00 x 26.00 mm



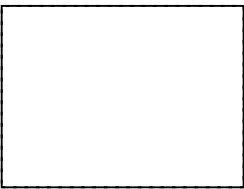
W4I | cut 1
26.00 x 26.00 mm



W4O | cut 1
26.00 x 26.00 mm



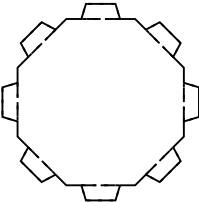
S1 | cut 1
32.00 x 24.00 mm



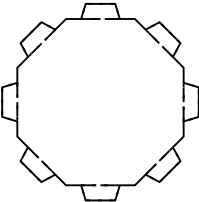
B6 | cut 1
108.00 x 48.00 mm



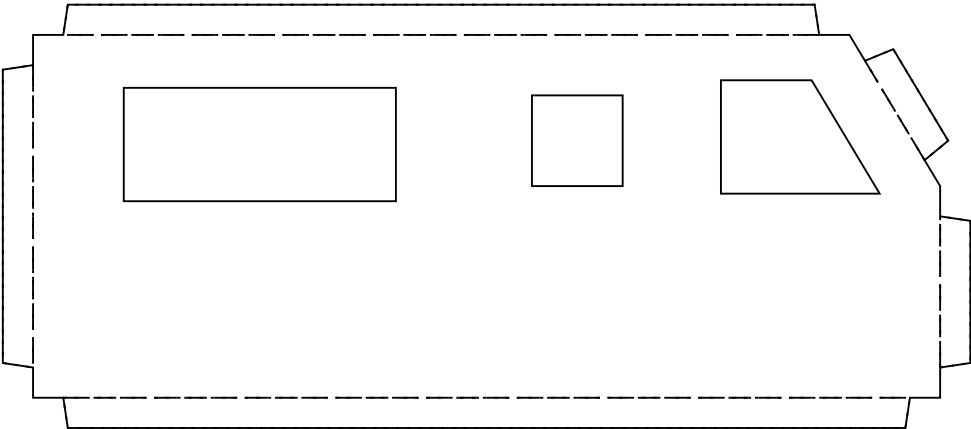
W1O | cut 1
26.00 x 26.00 mm



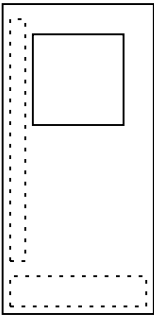
W2I | cut 1
26.00 x 26.00 mm



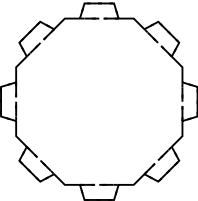
B2 | cut 1
128.00 x 56.00 mm



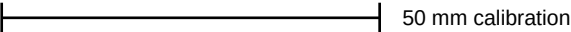
D1 | cut 1
20.00 x 41.00 mm



W1I | cut 1
26.00 x 26.00 mm



Solid: cut | Dashed: valley | Dash-dot: mountain | Dotted: glue

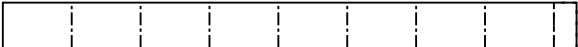


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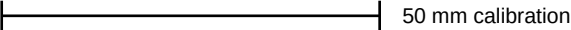
High-roof Camper Van

camper-van / 1.0.0 / Letter / Template page 3

W4T | cut 1
75.90 x 6.00 mm



Solid: cut | Dashed: valley | Dash-dot: mountain | Dotted: glue



Print at 100% / Actual size. Do not fit to page. Original paper craft template.

High-roof Camper Van

camper-van / 1.0.0 / Letter / Assembly instructions

Finished size: 120 x 68 x 78 mm

Materials: 180-220 gsm cardstock; PVA craft glue; Scissors; Craft knife and cutting mat for windows; Ruler and blunt scoring tool

Original static decorative vehicle; wheels do not turn. No hidden axles, wire, or supports.

All structural nets and glue tabs are piecewise-rigid exact developments, including eight-facet wheels. Windows are actual openings, not glazing.

Paper and adhesive thickness are idealized; 0.15 mm applique offsets aid preview visibility. Folded seams and tab contacts need physical tolerance assessment.

Solar panel and door are decorative paper appliques; the roof does not lift. Physical printing, cutting and assembly verification pending.

Part inventory (cut each instance once):

B1: Left camper side

B2: Right camper side

B3: Floor

B4: Front nose

B5: Sloped windshield

B6: Main roof

B7: Rear wall

R1: Raised camper roof

C1: Folded chassis crossmember

C2: Folded chassis crossmember

W1I: Wheel inner mounting face

W1O: Wheel outer face

W1T: Fixed wheel tread

H1: Wheel hub applique

W2I: Wheel inner mounting face

W2O: Wheel outer face

W2T: Fixed wheel tread

H2: Wheel hub applique

W3I: Wheel inner mounting face

W3O: Wheel outer face

W3T: Fixed wheel tread

H3: Wheel hub applique

High-roof Camper Van

camper-van / 1.0.0 / Letter / Assembly instructions continued

W4I: Wheel inner mounting face

W4O: Wheel outer face

W4T: Fixed wheel tread

H4: Wheel hub applique

D1: Camper entry door

S1: Roof solar applique

D2: Folded entry step

1. Cut and score [B1, B2]: Print at actual size on 180-220 gsm card; verify the 50 mm ruler. Cut every piece once, including all window openings before folding. Score dashed lines lightly. Keep each wheel set together. Coordinates below use x from the rear, y from the centreline, and z from the table.
2. Set the floor and sides [B1, B2, B3]: Fold the 4 mm B1/B2 perimeter tabs 90 degrees toward the inside. Bond their bottom tabs on top of B3, with rear edges aligned at x=0. Set the side walls 48 mm apart and vertical; body bottom is z=20. Dry square before closing the shell.
3. Close the nose and rear [B4, B7]: Glue B4 (28 x 48 mm) over the two front vertical tabs at x=120, from z=20 to 48. Glue B7 (48 x 48 mm) over the rear tabs at x=0. Rear window is above centre. The 4 mm side-tab overlaps hold each cross panel; adjoining cross-panel edges meet without overlap.
4. Fit the angled windshield [B5]: Glue B5 over the slanted side tabs: bottom at x=120,z=48 and top at x=108,z=68. Its slope length is 23.324 mm, width 48 mm, and tilt is 30.964 degrees back from vertical. Leave both windshield cutouts open. Dry with side walls parallel.
5. Close the main roof [B6]: Glue B6, 108 x 48 mm, across the upper tabs at z=68, spanning x=0 to 108. Its front edge meets the windshield. Apply glue with a narrow brush through a window and hold the roof flat until dry.
6. Raise the camper roof [R1]: Fold R1 four walls down 90 degrees from the 78 x 42 mm top. Fold each 2 mm corner tab behind its neighboring wall and glue; fold the 3 mm lower feet inward 90 degrees. Glue feet onto B6 with rear edge x=8 and side edges y=±21 (3 mm inset from the body sides). Top height is z=78; dry before adding S1.
7. Install paper chassis [C1, C2]: Fold C1/C2 into open-bottom caps: four walls down 90 degrees and 2 mm corner tabs glued inside. Each is 8 x 56 x 10 mm. Glue the entire top face against the underside of B3, centred at x=24 and x=96. Ends project 4 mm past each side wall, to y=±28; lower edges are z=10. Keep the two crossmembers parallel and let dry.
8. Build four fixed wheels [W1I, W1O, W1T, W2I, W2O, W2T, W3I, W3O, W3T, W4I, W4O, W4T]: For each W set fold the inner and outer disc 2 mm tabs inward 90 degrees. Fold tread T at each crease by 45 degrees to form an octagon; close with the final 3 mm lap behind its first facet. Glue the inner disc tabs inside the tread, then fit the outer disc with its tabs inside the other rim. Wheel thickness is 6 mm; distance between opposite flats is 22 mm. Keep an octagon flat horizontal at the bottom; dry all four drums.
9. Mount wheels and hubs [W1I, W1O, W1T, W2I, W2O, W2T, W3I, W3O, W3T, W4I, W4O, W4T, C1, C2, H1, H2, H3, H4]: Bond each inner wheel face directly to its chassis end wall (8 x 10 mm contact). W1/W2 are left, W3/W4 right; rear pair centres x=24 and front pair x=96. All centres are z=11, inner faces y=±28 and outer faces y=±34. Bottom flats share the table plane. Press gently with support inside each open chassis cap, then dry. Centre H1-H4 on matching outer wheel faces. Wheels are fixed, not rolling.
10. Add camper fittings [D1, D2, S1]: Glue D1 to the left side, rear edge 62 mm from the rear and lower edge 3 mm above the body floor; align its window with the side cutout. Fold D2 at 4 and 8 mm into a Z: first 4 mm strip glues under the floor at x=62..82, y=-20..-24; next strip drops 4 mm; final 6 mm tread projects outward. Glue S1 flat on the raised roof, rear edge 26 mm from the body rear and centred across the width. Dry on a level surface.