



Assembly Instructions

Lower Loo Bench Cabinet



Thank you for choosing Roost Vans for your project!

sales@roostvans.com

First Things First

Please Check Your Order

We at Roost Vans strive toward perfection, but occasionally human beings make mistakes. Before beginning your installation, please double check to make sure that you received all of the following. If anything is missing or damaged, please contact us right away at sales@roostvans.com.

✓	Img	Qty	Part
		14	Dowel Nut - 1/4-20
		14	Connector Bolt - 1/4-20 X 50mm
		2	Washer - #8
		2	Screw - #8 X 1 1/4" - Pan Head
		2	Rail Nut - 1/4-20
		2	Connector Bolt - 1/4-20 X 35mm
		2	Hinge - Lift - Aventos
		2	Hinge - Mounting Plate - Aventos
		2	Hinge - Bracket - Aventos
		16	Screw - #8 X 1/2 - Flat Head
		2	Hinge - Cabinet Door - 107° Full Overlay
		2	Hinge - Cabinet Door - Mounting Plate
		5	Felt Bumper - Round

External References:

- Throughout the assembly process, this manual will refer to some appendices that contain general processes used for most if not all of our products. Below are the appendices that will be referenced.
 - Appendix I: Connector Bolt-Dowel Nut Connection.

Note: There can be slight deviations from these appendices for each individual cabinet. Make sure to check for any notes included below the citation to the appendix for specific instructions or information.



Core Assembly

Step 1

Use the connector bolt dowel nut attachment from appendix I to attach the side pieces to the middle piece.



Step 2

Keep the attachments from step 1 loose, and angle the side pieces to allow the shelf bottoms to slide into place.



Step 3

Leaving the connections loose, fit the Loo support pieces into place. It can be helpful to have a second person to help keep the shelf bottoms in place while completing this step.



Step 4

Attach the two front pieces. Fully tighten and Loctite all connections (including the loose ones from step 1).



Step 5

Attach the rear piece. Ensure all connections are fully tightened using Loctite.



Complete!

That concludes the core assembly of the bench. Next we will attach the Lid and associated hinges.



Lid/Hinge Attachment

Step 1

Attach the hinges to the cabinet body. Repeat on both sides (2 total).



Step 2

Attach the Stay Mounting Plate to the cabinet body (repeat on both sides)



Step 3

Attach the Stay Mounting Bracket to the lid piece (repeat on both sides).



Step 4

Flip the hinge to the open position, and attach the lid (repeat on both sides).



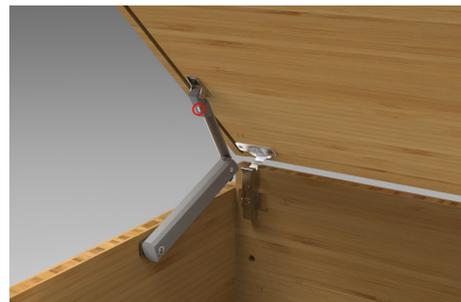
Step 5

Attach the Stay to the Stay Landing Plate (it should slide neatly into place). Repeat on both sides.



Step 6

Attach the Stay to the Stay Mounting Bracket (there is a sliding release button circled in red). Repeat on both sides.



Mounting System Attachment

*The Loo Bench can be installed in two possible configurations shown in the “Complete!” cell below.

Step 1

The Loo Bench can be installed in two possible configurations shown in the “Complete!” cell. Measure the distance from the floor to the center of the lower rail, and mark the back/side piece to be mounted at that height at least 3/4” from the edge (it may be helpful to hold the connector bolt at the center of the rail to help accurately measure). Repeat on the opposite side of the piece.



Step 2

Disconnect the back/side piece, place a piece of scrap wood underneath to prevent fraying on the hole exit, and drill a 3/8” hole through the marked location of the pack piece. Repeat on opposite side.



Step 3

Reattach the back piece to the cabinet, and use the 2 35mm connector bolts and 1/4-20 rail nuts provided to attach the cabinet to the mounting system. Fully tighten with Loctite.



Complete!

That concludes the mounting attachment process (shown: both parallel and perpendicular orientations of the Loo Bench).



Floor Screw Attachment

Note: It is recommended to use two 1 1/4" panhead screws to secure the cabinet to the floor. These screws can be installed anywhere on the bottom shelf, but the location indicated keeps them mostly hidden from view once the front piece is back in place.

Step 1

Decide on a desired location for the screws, and use a ___ inch drill bit to pre drill through the bottom shelf piece as shown.



Step 2

Use the 2 1 1/4" panhead screws provided to secure the cabinet to the floor of the van.



Appendix - Connector Bolt & Dowel Nut

One of the most common procedures in Roost cabinet assembly is the Connector Bolt and Dowel Nut. This is primarily used when connecting two bamboo components together, joining the face of one to the end of another.

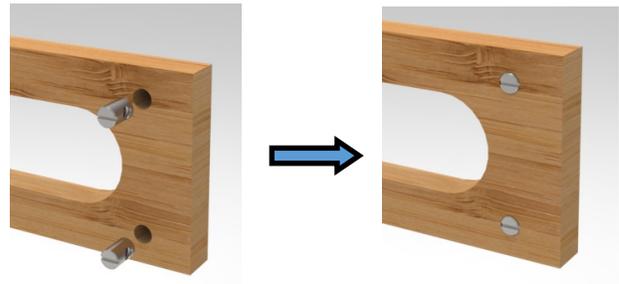
Step 1

Orient the dowel nuts, connector bolts, and bamboo components.



Step 2

Insert Dowel Nuts into the large shallow holes, and align the slot as shown below (this places orients the threads properly).



Step 3

Bring the components together, using the connector bolts through the pre-drilled holes of both components.



Step 4

Thread the connector bolts into the dowel nuts and tighten until both pieces are firmly connected.



Process Complete!

This is a process you will repeat many times during main cabinet assembly.

Most Important, Enjoy the Journey!

Taking on your own van build is an exciting and rewarding process. As with all things worth doing, it will presumably come with its own set of challenges.

We are very pleased you have chosen Roost to accompany you on this voyage, and to help you manage those challenges. Our mission is to provide versatile solutions that are affordable and easy to install.

As a result, your feedback is not only appreciated, but invaluable. I welcome any suggestions you may have about ways we can improve our products, documentation, or any other aspect of your experience with our company.

Feedback Contact: mike@roostvans.com