



Installation Instructions

Upper 170" Paneling Kit



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.

Image	Qty	Part
	124	Screw - Oval Self Drilling - #8 X 1-1/4"
	1	Ceiling Support Bracket - 70 Degree (RV05-06)
	1	UPK 144 - Ceiling - Center Forward Panel (RV61-11)
	1	UPK 144 - Ceiling - Driver Side Forward Panel (RV61-12)
	1	UPK 144 - Ceiling - Passenger Side Forward Panel (RV61-13)
	1	UPK 170 - Ceiling - Center Rear Panel A (RV62-14)
	1	UPK 170 - Ceiling - Driver Side Rear Panel A (RV62-15)
	1	UPK 170 - Ceiling - Passenger Side Rear Panel A (RV62-16)
	1	UPK 144 - Upper Wall - Driver Forward Panel (RV61-17)
	1	UPK 170 - Upper Wall - Driver Rear Panel A (RV62-18)
	1	UPK 170 - Upper Wall - Passenger Rear Panel A (RV62-19)
	1	UPK 144 - Upper Slider Door Panel (RV61-20)
	1	UPK 144 - Upper Rear Door Panel - Drv Side (RV61-21)
	1	UPK 144 - Upper Rear Door Panel - Pass Side (RV61-22)
	1	UPK 170 - Ceiling - Center Rear Panel B (RV62-23)
	1	UPK 170 - Ceiling - Driver Rear Panel B (RV62-24)
	1	UPK 170 - Ceiling - Pass Rear Panel B (RV62-25)
	1	UPK 170 - Upper Wall - Driver Rear Panel B (RV62-26)
	1	UPK 170 - Upper Wall - Pass Rear Panel B (RV62-27)
	1	Furring Strip Pack

*For Bamboo

Image	Qty	Part
	124	Screw - Self Drilling w/ Washer - #8 X 1-1/4"
	1	Ceiling Support Bracket - 70 Degree (RV05-06)
	1	UPK 144 - Ceiling - Center Forward Panel (RV61-11)
	1	UPK 144 - Ceiling - Driver Side Forward Panel (RV61-12)
	1	UPK 144 - Ceiling - Passenger Side Forward Panel (RV61-13)
	1	UPK 170 - Ceiling - Center Rear Panel A (RV62-14)
	1	UPK 170 - Ceiling - Driver Side Rear Panel A (RV62-15)
	1	UPK 170 - Ceiling - Passenger Side Rear Panel A (RV62-16)
	1	UPK 144 - Upper Wall - Driver Forward Panel (RV61-17)
	1	UPK 170 - Upper Wall - Driver Rear Panel A (RV62-18)
	1	UPK 170 - Upper Wall - Passenger Rear Panel A (RV62-19)
	1	UPK 144 - Upper Slider Door Panel (RV61-20)
	1	UPK 144 - Upper Rear Door Panel - Drv Side (RV61-21)
	1	UPK 144 - Upper Rear Door Panel - Pass Side (RV61-22)
	1	UPK 170 - Ceiling - Center Rear Panel B (RV62-23)
	1	UPK 170 - Ceiling - Driver Rear Panel B (RV62-24)
	1	UPK 170 - Ceiling - Pass Rear Panel B (RV62-25)
	1	UPK 170 - Upper Wall - Driver Rear Panel B (RV62-26)
	1	UPK 170 - Upper Wall - Pass Rear Panel B (RV62-27)
	1	Furring Strip Pack

*For Fabric Wrapped

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: Required Tools

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.



Before Installation

1

Prior to installation, you will need to cut out any obstructions (windows, vent fans, AC units, etc...) prior to installation. If your order did not include a lighting kit (with pre-drilled holes) you will also need to make cutouts for factory lighting, or any additional lighting you intend to add. Whatever cutouts are necessary, it is best to do them before beginning the installation process, as well as any touch up work (light sanding, re-touch of finish) required.

2

After cutouts, re-sand and/or touch up finish as desired.

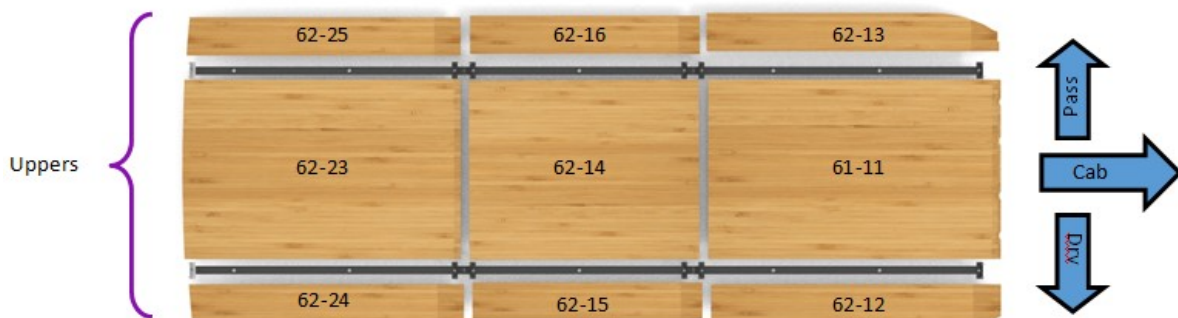
3

It is recommended that prior to installing paneling, that all insulation and behind the wall wiring work be done to avoid removing and replacing panels repeatedly.

Panel Layout

The following pictures show the layout of the panels in the van in relation to the mounting system.

Sprinter 170" Ceiling



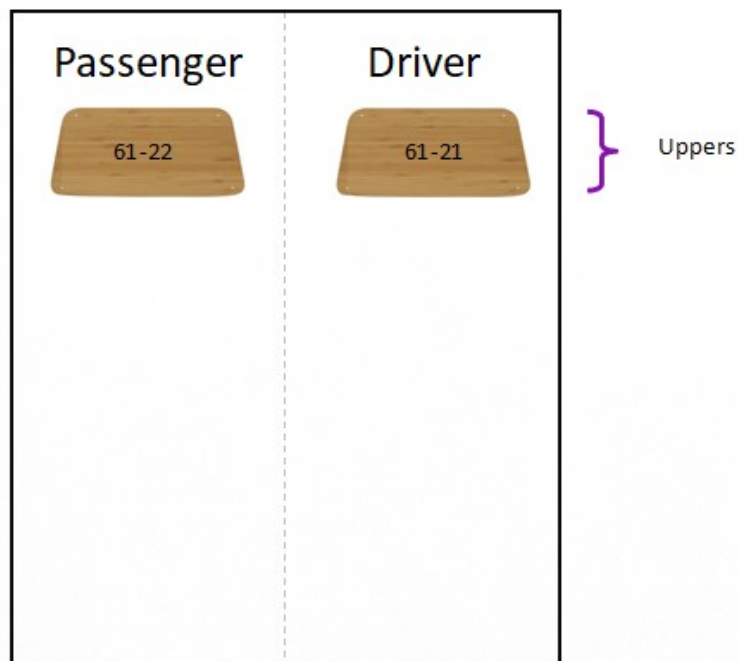
Sprinter 170" Driver Side Uppers



Sprinter 170" Passenger Side Uppers



Sprinter 170" Rear Door Uppers



Installation Overview

Step 1

Loosen the rails of the upper mounting system. This will help provide a little “wiggle room” while panels are being installed.



Step 2

Apply furring strips using double stick tape (see picture for rough configuration). Be sure not to stick any fir strips tight against rails (again leave a little “wiggle room”). See page 3 for a few photos of this.



Step 3

Orient all panels. Labels are placed on the back side (the side that goes against the metal) of each panel which also indicate the orientation of the panel to the cab of the van (i.e. direction of van travel).



Step 4

Install the support bracket in the centerline of the roof at the back edge of the Rear Center Ceiling Panel. Note, this will provide additional support over the wider spans of this panel. Use the pre-drilled holes to attach the bracket to the van. The ceiling panel will screw into the non-pre-drilled side of the bracket using the self-tapping screws. Avoid the hole at the center.



Step 5

Position and install panels using the self-drilling screws. Be careful to not overtighten or strip out the sheet metal. It is recommended to use a drill or driver with a slip clutch set properly to avoid stripping. Take care to square, center, and flush each panel. Use the following sequence for the best results:

- a). Install the Center Ceiling Panels first (Forward panel first, then Rear Panel).
- b) Snug to the paneling and tighten both the ceiling rails of the mounting system.
- c) Install the Driver Ceiling Panels (Forward then, rear)
- d) Install the Driver Upper Wall panels (Forward, then rear)
- e) Snug to paneling and tighten the driver side upper rails of the mounting system.
- f) Install the Passenger Ceiling Panels (Forward, then rear)
- g) Install the Passenger Upper Wall Panels (Forward, then rear)
- h) Snug to paneling and tighten the passenger side upper rails of the mounting system.
- i) Install the Passenger Upper Slider Panel and Back Door Panels (if applicable)

Note

Some panels may not always meet perfectly flush at the edges. This is the nature of the flex involved in your van's individual characteristics. Use the provided shims to adjust as necessary for clean, flush meet points.

Helpful Pictures



Furring material is used to keep the panels close to flush with the outside of the rails. Use as needed in areas where pushing the panel flush with the van body causes it to be significantly recessed from the inward edge of the rails.



Same concept as the previous picture, furring is used here to keep the panel close to flush with the inward facing edge of the rails, in this case it is attached to the ceiling bracket on either side of the rail.



One aluminum bracket is provided to pin the back of the rear ceiling panel. Once the bracket is attached to the van as shown, apply furring to bracket.

Appendix 1: Required Tools

To install the panels, a few tools that are not included with the hardware kits are required. Below are some images and descriptions of what you will need as well as a few tools that will make the process easier.

Required Tools for Installation:

- Tape Measure (to properly mark if any cuts are required)
- Jigsaw to cut out any individual features (vent fans, AC units, windows, lighting, etc..)
- Bit driver with a properly set slip clutch to drive self-tapping screws.

Not Required but Recommended for Ease of Install:

- Pole jacks not required makes this job much easier. In the alternate a helper or two can do the job.



Required for all platforms: Jigsaw



Required: Bit driver with Phillips head attachment.



Required for all platforms: Tape Measure



Recommended for Ease: Pole jacks to hold the panels in place while you position and pin them.

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