

# vancillary

## Construction & Installation

FOR SPRINTER HEADLINER SHELF KIT (ALL MODELS)

REV. 7 | OCTOBER 2019

## Thank You

Hey partner - Sean here from vancillary. We're a very small (one person) business dedicated to helping like-minded van builders craft their vision by saving time, money, and potential headache through this journey.

If any part of the process of building or installing your shelf is unclear, please contact me right away via email at [sean@vancillary.com](mailto:sean@vancillary.com). We'll get it sorted together.

## Getting Started

We don't mean to delay things further, but we do have an important housekeeping note. This product is sold as a do-it-yourself kit. By proceeding, you are **doing so at your own risk**, and waive us of any liability. If you do not agree, [contact us to discuss refund options](#).

Okay, on with the good stuff. Building your headliner shelf is a simple job. You're likely simmering on a few ideas of how it should be done. Here's our official take on the process

### What you'll need

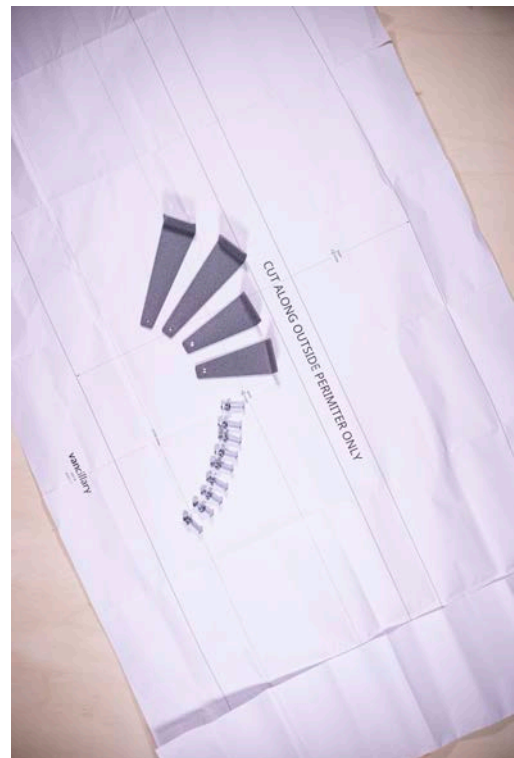
- Vancillary Sprinter Headliner Shelf Kit (2007-2018 or 2019+)
- ½" Plywood Sheet, 5' x 3' (baltic birch or bamboo recommended)
- Jigsaw with wood blade
- Drill with 7/32" or 1/4" bit
- Scissors
- Clear packing tape
- 3/8" (14mm) wrench
- Screwdriver with Flat head, Philips, T-25 & T-30 Torx bits

### Before beginning

Confirm the make and model year of your van and ensure this aligns with the specifications noted on the product box. [Email us right away if it does not](#).

We also recommend installing the brackets before getting your saw out (steps 10 to 16). Roughly measure the distance across the cabin between the opposing bracket. Does the distance roughly correspond to the measurements listed on the paper template? If so, let's get on with it!

**Note** the vancillary template and bracket system is designed to fit within a stock Mercedes headliner. Vans with modification may have different measurements, so this is a good double check before beginning. Those with measurements that are grossly off might have the wrong kit, the wrong van, or some modification that requires further assessment. [Check in with us if you have any concerns](#).

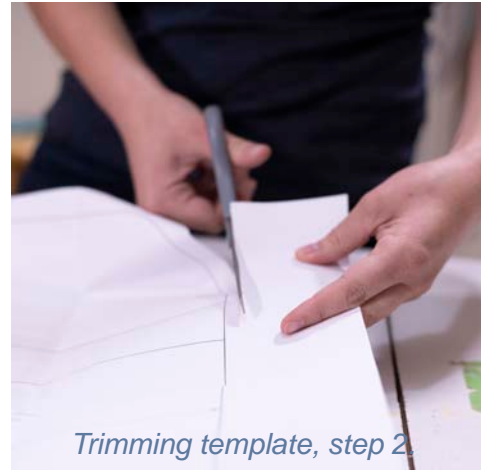


## Building Your Headliner Shelf

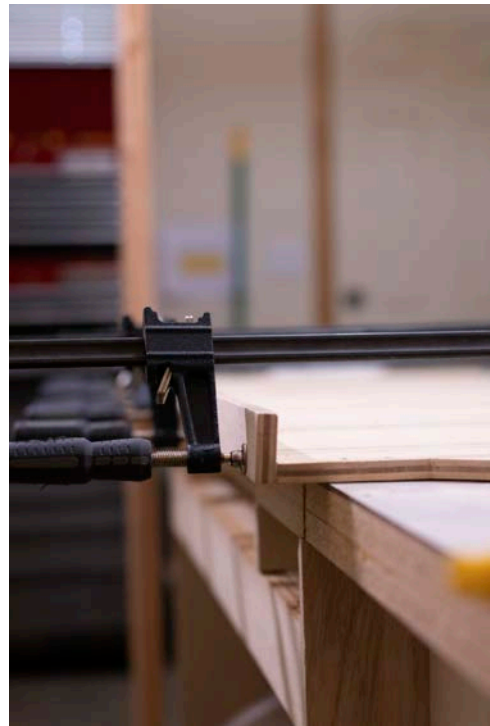
1. Unfold the paper template and trim the longest, straight edge **on the line**. Let's coin this edge the 'flange edge' for further reference.
2. Roughly trim the balance of the template perimeter. In efforts of saving time we recommend leaving +/- 1/2" of material on the outside of the line. The excess doesn't affect your ability to jigsaw accurately.
3. Orient your plywood so that the 'nice' face is right-side up on your work surface. This is going to be the ultimately visible underside that you see when the shelf is installed.
4. Align the flange edge of the template to the existing straight edge of your plywood on the upright face. Using clear packing tape, secure the template along the edge. This cuts out a big portion of the cutting. Puns intended. Smooth out the balance of template and tape along the entire perimeter, taking out as much slack in the paper as possible in the process

**Note** the action of a jigsaw cutting blade can leave a rough edge on the exit side, this is why the orientation of your plywood matters. Double check that you're working on the correct face.

5. Using your jigsaw, cut along the outside perimeter line. Remove paper and tape remnants from the plywood.
6. Test fit the plywood top of the installed brackets. You will need to tilt the long brackets (flange edge) sideways to initially slide the shelf in, then tilt upwards to support the shelf. If trimming is required, mark with pencil and do so. Repeat this step as needed.



7. Once satisfied with the fit and the shelf is in its final resting position, mark the fastener holes from the underside of the shelf, then drill with 7/32" bit. A 1/4" bit will also work but will be slightly oversized.
8. Craft a front flange using leftover plywood. We recommend a 1.5" tall flange glued to the front edge with a 30-degree bevel on the sides to match the headliner tilt.



9. Stain, paint, or wrap in fabric to give the shelf your personal touch. Let dry before final installation. Looking for inspiration on how to finish yours? Check out our [instagram](#).



## Installation

10. Remove coat hook cover by gently prying on underside and pulling up on the plastic at the same time
11. Unscrew coat hook using T-20 bit



12. Gently pull back plastic trim and slide in rear (long) bracket, aligning bracket eyelet with screw hole
13. Replace screw and coat hook mount, do not fully tighten. Repeat steps 10-13 on opposite side.



14. Remove cap (2019+ only) and unscrew front visor bolt using T-25 bit
15. Gently pull back visor arm and slide in front (short) bracket, aligning bracket eyelet with screw hole



16. Replace screw & washer, do not fully tighten. Repeat steps 14-16 on opposite side



17. Carefully slide in shelf and tilt brackets vertically for support
18. **Loosely** install fasteners; one washer and screw from underside, one washer and nut on the top, using a Philips screwdriver and a 3/8" wrench
19. Tighten lower bolts and replace coat hanger and screw caps.

**Note** that some bracket kits come with channels both on the coat/visor mount, and on the shelf mounting ends. Channels allow for minor adjustments of the shelf up and down to get a snug fit. To get the most of this design revision, push the shelf upwards into the headliner as you tighten the lower coat/visor screw.

20. Voila, jobs done!

