

1

Line outer rails with masking tape to help protect the edges. Run the tape from the windscreen to the back edge of the rear roof.

**Refer Image 1**



Image 1

2

Use a flat head screw driver or plastic trim tool to lift up the front side of the plastic roof trim.

**Refer Image 2**



Image 2

Be careful not to bend it too much as it has an aluminium body underneath. Proceed down the rail and lift up the remaining plastic clips and remove plastic trim from roof.

**Refer Image 3**



Image 3

3

**3.1** Choose either side of vehicle and mark a line 70mm and 150mm back from the edge of the rear roof line. Place the back end of the Adventure Rails Foot on this line and ensure that the width of the feet falls within these 2 lines.

**Refer Image 4.**

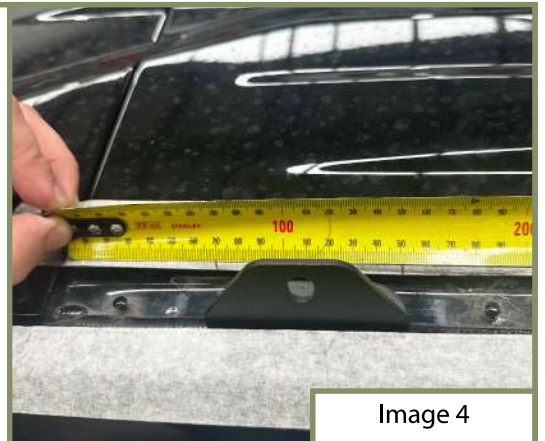


Image 4

NOTE: FAILURE TO INSTALL THIS PRODUCT AS SPECIFIED IN THE INSTALLATION PROCEDURE WILL VOID ALL WARRANTY. IF ANY PARTS HAVE ARRIVED DAMAGED OR WERE NOT SUPPLIED IN THE KIT, PLEASE TAKE PHOTOS AND THEN PROCEED TO CONTACT YOUR SUPPLIER.

**3.2** Using a white paint pen, mark a line on the roof channel for both sides of the bracket, as well as the inside foot holes which are the drill holes.

**Refer Image 5**

**NOTE:** Brackets must be as close as possible to the outer edge of the channel with the bend of the bracket to sit on the roof seam.



Image 5

4

**4.1** Measure 460mm forward from the front line of the bracket previously marked in Step 3 and mark another line in the channel. This line will be the rear positioning of the next Foot.

**Refer Image 6**

**4.2** Using the process from Step 3, proceed to mark out the drill holes and another line on the front edge of the bracket.

**Refer Image 7**



Image 6



Image 7

5

**5.1** Measure 445mm forward from the front line of the bracket previously marked in Step 4 and mark another line in the channel. This line will be the rear positioning of the next bracket.

**5.2** Using the process from Step 3 and 4, proceed to mark out the drill holes and another line on the front edge of the bracket. **Refer Image 8**

**Note:** If the plastic locking cap on the roof channel is still on, push it towards the back of the cab. There should be a 5mm gap between the back of the Adventure Rail feet and plastic cap.



Image 8

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6

Loosely fit the feet to the Adventure Rails and hold it up against the markings to ensure correct placement of holes in relation to the rack's position on the vehicle. Once this has been done, repeat this whole process from Step 3 to 5 on the other side of the vehicle with the same measurements.

**Refer Image 9.**



Image 9

7

Once both sides of the vehicle have been marked, it is time to begin the drilling process.

**NOTE:** the Chev / GMC 2500 has a second layer of thick steel underneath the roof which varies in distance from the edge of the vehicle. Outback Kitters recommends to start with small holes and work your way up to ensure safe fitment.

**IMPORTANT NOTE:** The middle and rear bracket placement is above the side impact airbags. It is recommended you use a Drill Stop so you do not accidentally damage

8

**8.1** Centre punch all marked holes and then using a 6mm drill bit, drill all the holes marked in previous steps. It is recommended you use a drill stop for safe drilling.

**Refer Image 10**



Image 10

**8.2** Vacuum / blow off metal shavings after each set of holes are drilled.

**Refer Image 11**



Image 11

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9

Once all holes have been drilled and metal shavings are removed, use the paint pen to paint the holes to prevent rust. Wait 5 minutes to allow the paint to dry.

**Refer Image 12**



Image 12

10

Use Sikaflex to seal up the holes to prevent water from entering the holes. This will also assist with keeping the Adventure Rails secure to the roof.



Image 13

11

**11.1** Carefully place the feet on the channel, lining up the drill holes to the centre holes of the feet. Using a Pop Rivet gun, proceed to install all 12 x 6mm Blind Rivets to secure the feet to the roof.

**Refer Image 14**

**11.2** It is recommended to use an electric pop rivet gun for ease of installation. A hand held rivet gun is also sufficient.

**11.3** Sikaflex will spread out from underneath the Adventure Rails feet. Do not wipe this away as it will help seal the OEM plastic strip.



Image 14

12

**12.1** Get the OEM Plastic Roof Channel Trim and place it along the roof channel on top of the Adventure Rail Feet.

**Refer Image 15**



Image 15

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**12.2** Mark out the front and rear lines of the Feet as this will form the cutting lines for Step 14. Use a thin black permanent marker to mark out these lines.

**Refer Image 16**



Image 16

**13**

Use a paint pen to draw a line between these 2 points.

**Refer Image 17**



Image 17

**14**

**14.1** Carefully cut along the lines to create an outline to go around the upright part of the Adventure Rails Feet. The depth of the line should be the same as the width of the paint pen line.

**Refer Image 18**

Do a test fit to ensure the fitment is correct and the cut outs go around the feet.



Image 18

**15**

Run a small bead of sikaflex near the front part of the channel to help keep it down once it has been reconnected.

**Refer Image 19**



Image 19

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**16**

Pop in plastic clips on OEM roof channel moulding and press firmly until each one has clicked into its original stud.

**17**

Remove tape from inside channel. Keep the tape on the outside channel until installation of the side rails has been finished.

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## FITTING SIDE BAR TO THE FEET

# 1

Grab one Adventure Rail and fitting kit and place it up against the Feet. Make sure the Outback Kitters cutout is towards the rear of the vehicle.

**Refer Image 1**



Image 1

# 2

**2.1** Feed the M8x20mm Stainless Steel bolts and washer through the outside of the rails and another washer and Nyloc Nut on the inside.

**Refer Image 2**

**2.2** The Adventure Rails get mounted to the outside of the feet, not the inside.

**Refer Image 3.**

**NOTE:** this image shows the Adventure Rails at their lowest point. For the Adventure Rails Max, you will lift it to its maximum height in Step 13.



Image 2



Image 3

# 3

**3.1** Once all 3 bolts, nuts and washers are fitted, use a 5mm Allen Key and 13mm socket to secure the middle bolt first 90% of the way (finger tight).

**3.2** Tighten up the front and rear bolts in the same manner.

**3.3** The rack needs to be a bit loose to ensure flexibility when placing the cross bar extrusions.

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## FITTING EXTRUSIONS TO SIDE RAILS

# 4

Get the Extrusions and Extrusion Fitting Kit. Place 1 x Extrusion across the top of the 2 x side Rails in the middle.

Feed 2 x Channel Nuts into the top of the extrusion gap and put 1 on either side of the extrusion.

**Refer Image 4**



Image 4

# 5

Start with the middle slot, place the extrusion underneath the rail and tighten up each side through the outer hole 90% of the way (finger tight). Do not fully tighten.

**Refer Image 5**



Image 5

# 6

Repeat this process with the rest of the rails starting with the middle rails and working towards the front / rear of the vehicle.

**Refer Image 6**

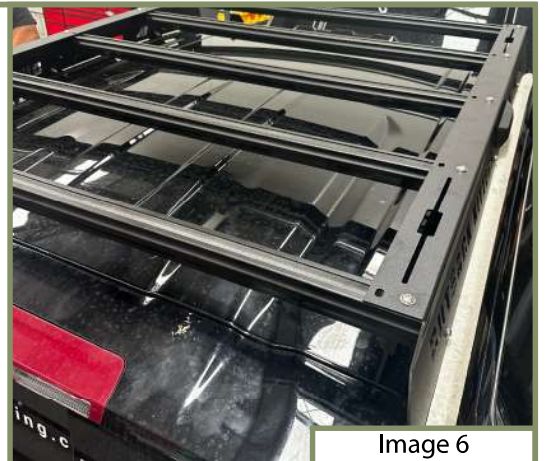


Image 6

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7

With the bolts holding the extrusions still loose, place the Platform Plates on the bars with the flat part towards the back of the vehicle / the cut out tabs towards the front. This is to confirm placement of the rails.

**Refer Image 7**



Image 7

8

**8.1** Put on the Front Fascia to ensure that it all lines up with the cutouts of the Platform Plates.

**Refer Image 8**

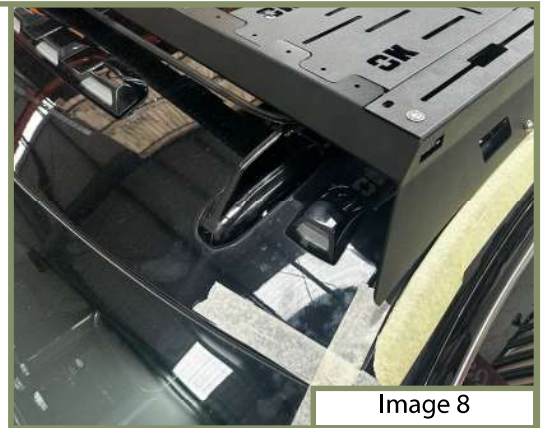


Image 8

**8.2** Next up we will secure the Front Fascia to the front rail. Lift up the front of the Platform Plates and put in 4 x Channel Nuts in the front extrusions, pushing 2 of each to either side of the Front Extrusion.

**Refer Image 09**



Image 9

**8.3** Locate the Channel Nuts under the 2 x outer holes of the Front Fascia and insert M6 Bolts and tighten 90% of the way (finger tight). Repeat on the other side of the vehicle.

**Refer Image 10**

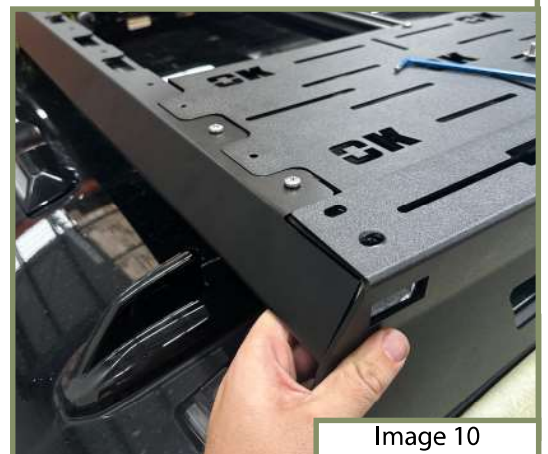


Image 10

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9

Loosen bolts that hold the front extrusion to the Side Rails and remove the extrusion. Be careful that the channel nuts that hold the extrusion to the side rails do not fall out and damage the vehicle.

10

With the Front Fascia attached, flip the extrusion upside down and fit 3 x Channel Nuts and M6 Bolts on the underside of the front fascia. One should be in the middle and one on either side of the fascia.

**Refer Image 11**



Image 11

11

Reinstall the front extrusion to side rails.

**Refer Image 12**



Image 12

12

Put the Platform Plates towards the centre of the roof rack. This is to allow you room to tighten the Adventure Rails Side Rail to Feet bolts.

**Refer Image 13**



Image 13

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13

Securing the Side Rails to maximum height.

**13.1** Adjust the height of the Side Rails to its maximum height. Use a rubber spacer to help keep it up whilst you tighten the bolts.

**Refer Image 14**

**13.2** Use a 5mm Allen Key and 13mm spanner to completely tighten all the bolts at maximum height.



Image 14

\* If fitting wiring for the side lights, it is best to do this before fitting the Platform Plates\*

14

Get 10 x Channel Strut Nuts, M6 Bolts and Washers and place them in position for the Platform Plates.

15

Put the foam tape on the extrusions (excluding the front extrusion) in between the Strut Nuts. This limits vibration from the Platform Plates.

16

Centre all the crossbar extrusions in relation to the Platform Plates and tighten the bolts into the channel nuts. Do not over-tighten the bolts. Use a zip tie to help place the Strut Nuts for easy fitment.

**Refer Image 15**



Image 15

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17

Ensure the front and rear extrusions are centred to the cut outs in the Adventure Rails. This is to ensure the Clevershade Ultra-Lite 180 Degree Awnings (sold separately) or Plastic Cover Plates fit in seamlessly.

**Refer Image 16 & 17**



18

Fit the extrusion plastic cover plates.

19

Fit rubber fillers into the extrusion gap between the Platform Plates

**INSTALLATION COMPLETE!**

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