

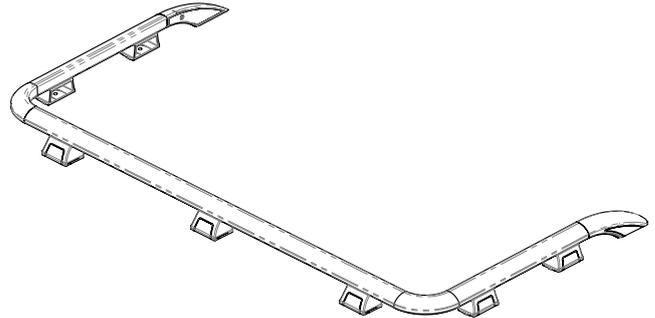


RHINO-RACK

43160B - 43166B Rhino Pioneer Front / Side Rail Kit

Place these instructions in the vehicle's glove box after installation is complete.

Important: Please read these instructions carefully prior to installation.
Please refer to your fitting instruction to ensure that the alloy tray is installed correctly.
Check the contents of this kit before commencing fitment and report any discrepancies.



Rail shown suits tray 42104B

Item	Component Name	Part No.	Quantity						
			43160B	43161B	43162B	43163B	43164B	43165B	43166B
1	End Rail Extrusion	-	1	1	1	1	1	1	1
2	Side Rail Extrusion	-	2	2	2	2	2	2	2
3	Corner Moulding	M511	2	2	2	2	2	2	2
4	Corner Moulding Cover	M512	2	2	2	2	2	2	2
5	End Moulding LH	M515	1	1	1	1	1	1	1
6	End Moulding LH Cover	M516	1	1	1	1	1	1	1
7	End Moulding RH	M517	1	1	1	1	1	1	1
8	End Moulding RH Cover	M518	1	1	1	1	1	1	1
9	Rail Support End	M513	3	3	2	2	3	2	2
10	Rail Support Side	M514	4	6	2	4	4	4	4
11	Phillips Screw	B176	12	12	12	12	12	12	12
12	M8 x 20mm Hex Bolt	B020	9	11	6	8	9	8	8
13	M8 Spring Washer	W019	9	11	6	8	9	8	8
14	M8 x 30mm Flat Washer	C949	9	11	6	8	9	8	8
15	M8 Channel Nut	N003	9	11	6	8	9	8	8
16	Fitting Instructions	R034	1	1	1	1	1	1	1
Suits Trays			42104B 42108B 42111B 42112B 42113B	42105B	42106B	42100B 42102B 42107B 42109B	42101B 42103B 42110B	42114B	42115B
Rail Lengths (mm)			1152 & 400	1191 & 750	446 & 150	962 & 400	1102 & 400	678 & 400	910 & 400

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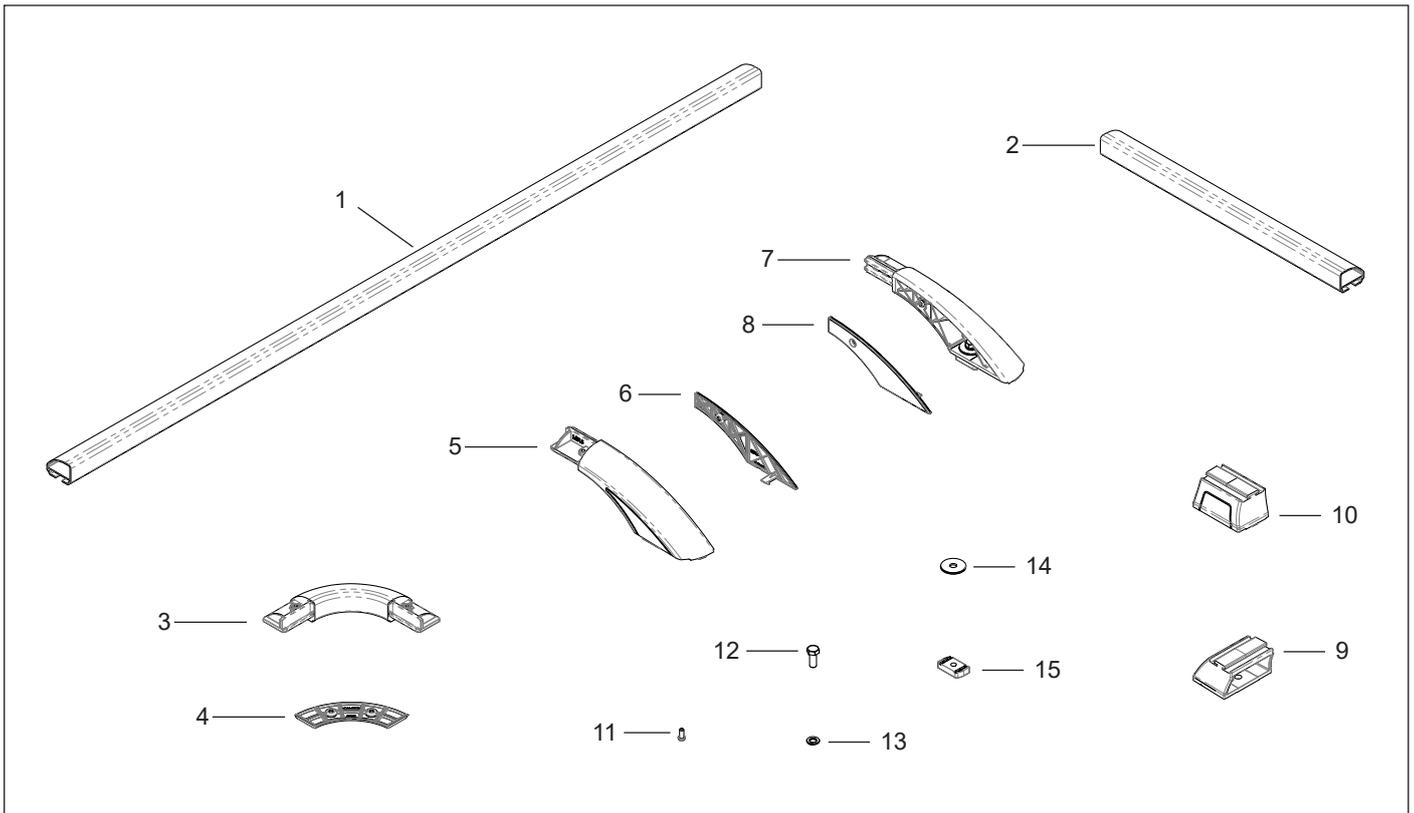
Document No: R034
Prepared By: Nigel Greig
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Issue No: 05
Issue Date: 17/08/2016

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Care Instruction

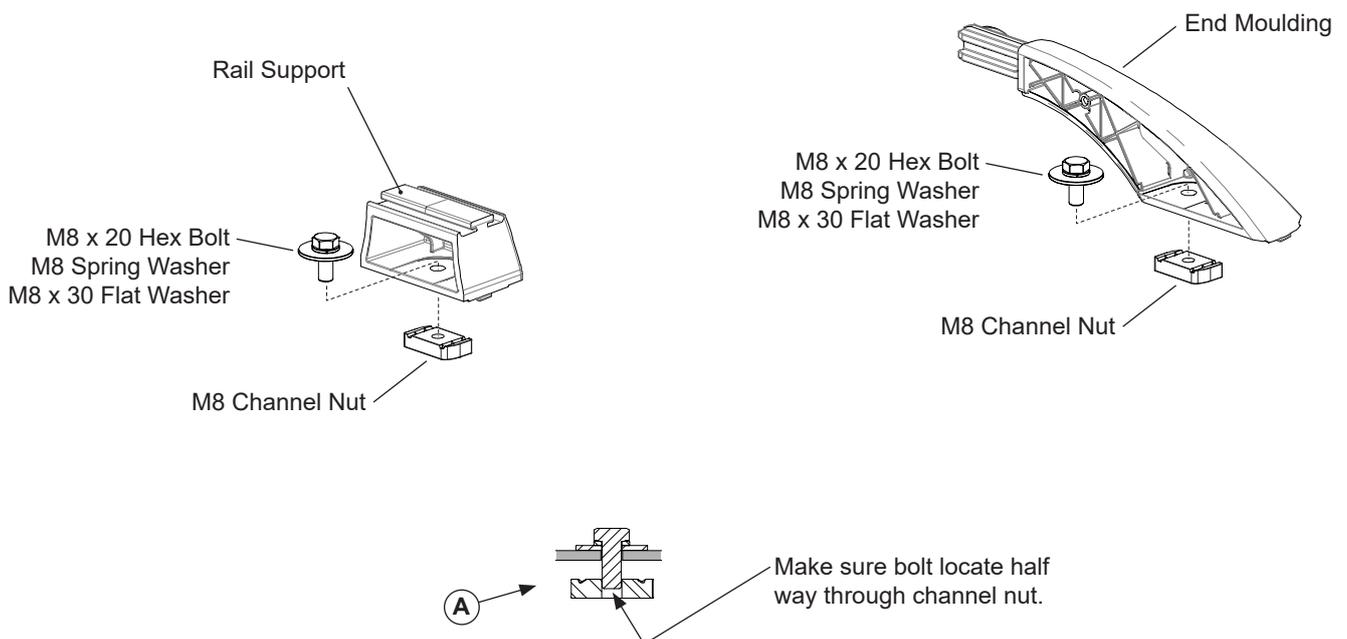
Clean alloy tray prior to fitting the Pioneer Rail Kit.

Tools Required

13mm Spanner
Phillips Screwdriver

1 Fit Hardware to Mouldings

Loosely fit hardware to all the mouldings as shown. Be sure to set the bolts so they locate half way through the channel nut (see image A below).

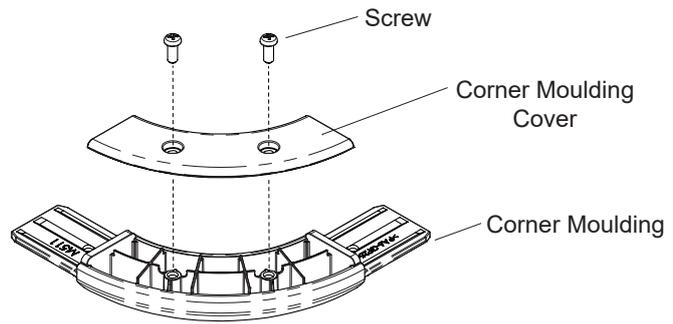




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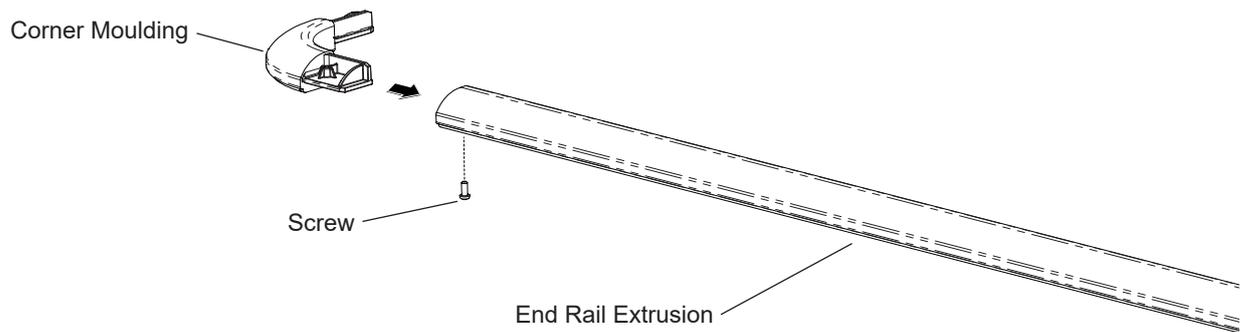
2 Fit Cover to Corner Mouldings

Fit the corner moulding cover as shown and fasten in place with screws provided in kit. Repeat this process for both corner mouldings.



3 Fit First Corner Moulding to End Rail

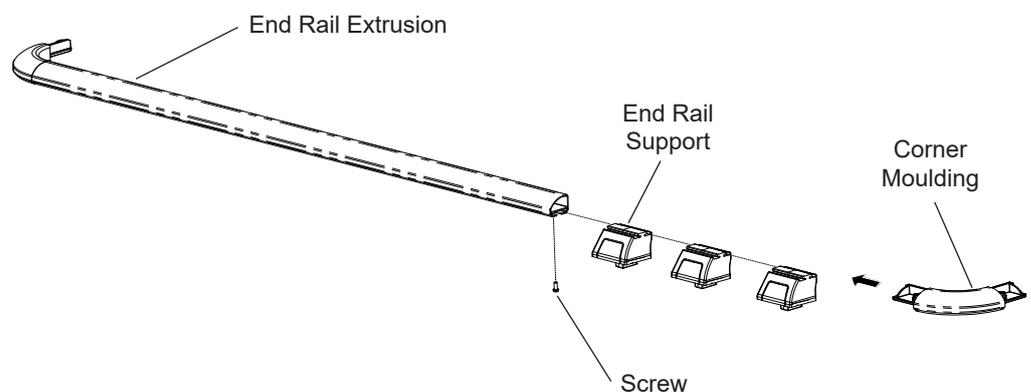
Slide the first corner moulding into the end rail extrusion (long extrusion) and fasten in place with screw (provided in kit).



4 Fit End Rail Supports to End Rail

Locate the end rail support mouldings which are marked underneath with M513. Slide the appropriate number of supports (as detailed in table below) into the end rail extrusion. Fit the second corner moulding to the open end as shown below and retain with screw.

Platform Tray	Qty. End Supports
42100B	2
42101B	3
42102B	2
42103B	3
42104B	3
42105B	3
42106B	2
42107B	2
42108B	3
42109B	2
42110B	3
42111B	3
42112B	3
42113B	3
42114B	2
42115B	2

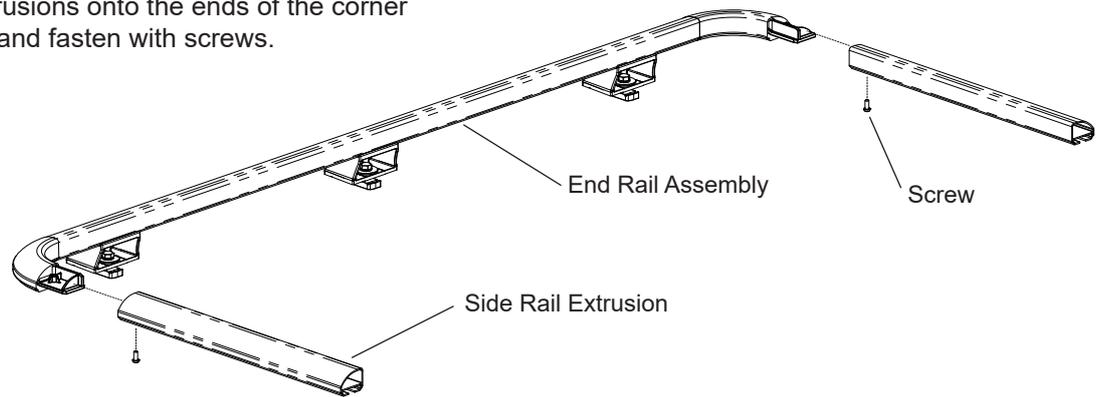




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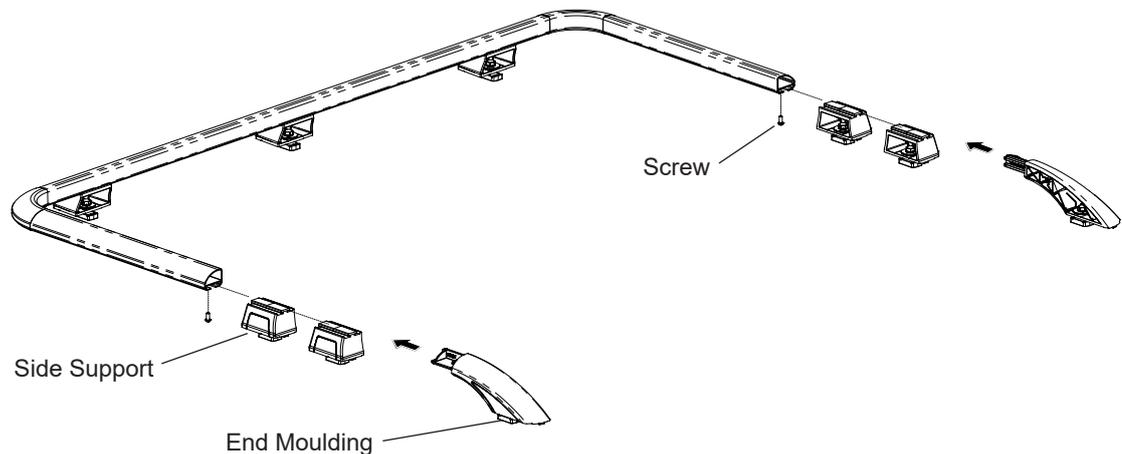
5 Fit Side Rail Extrusions to End Rail Assembly

Slide the side rail extrusions onto the ends of the corner mouldings as shown and fasten with screws.



6 Fit Side Support Mouldings and Rail End Moulding

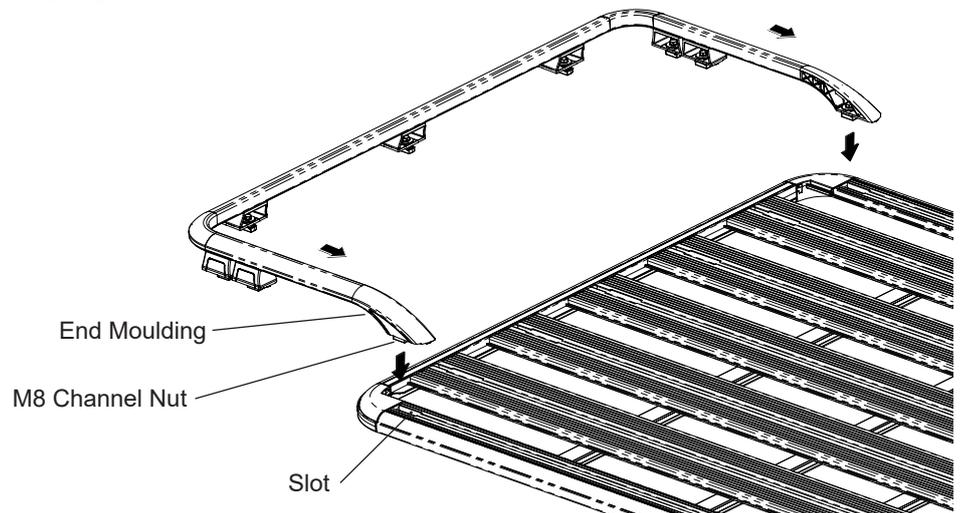
Slide the side supports and end mouldings into the side rail extrusions as shown below and fasten with screws.



7 Insert First Channel Nuts into Slots

Lower the rail assembly onto the tray so that the channel nuts fitted to the end mouldings locate within the slots at the front of the tray.

Next slide the rail assembly onto the tray slightly so the nuts engage in the channel.



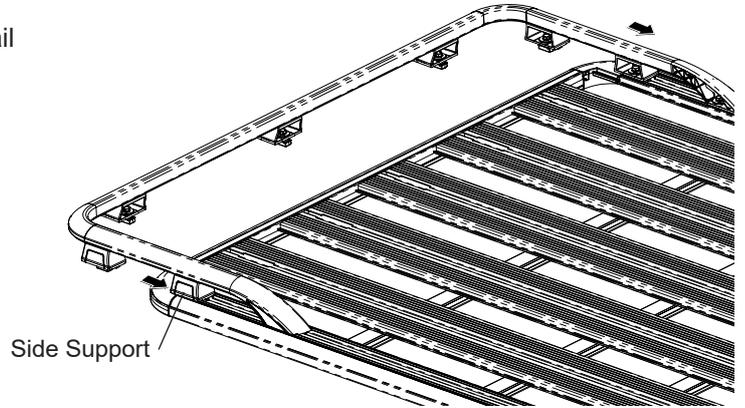


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8 Engage Side Supports

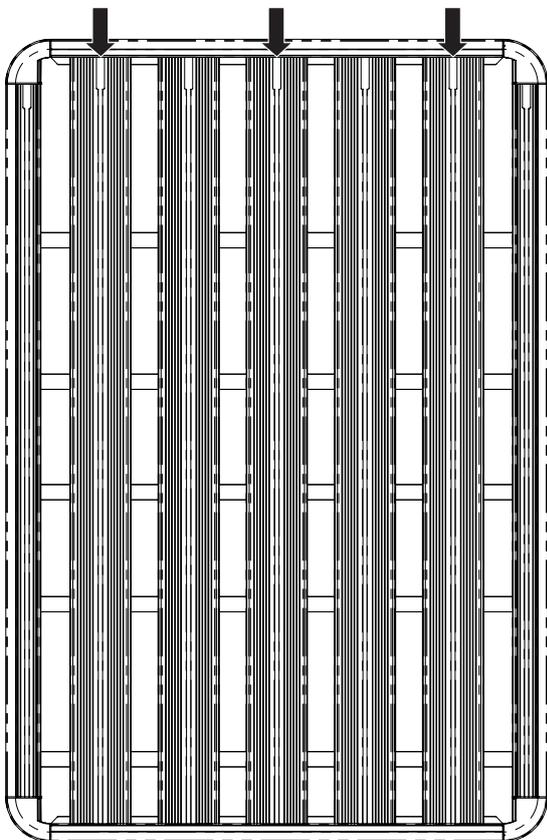
Lift the front of the rail slightly and slide the first side support over the slot in the tray. Lower the channel nut into the slot and slide the side support towards the end moulding.

Repeat this process for all side supports, sliding the rail further onto the tray.

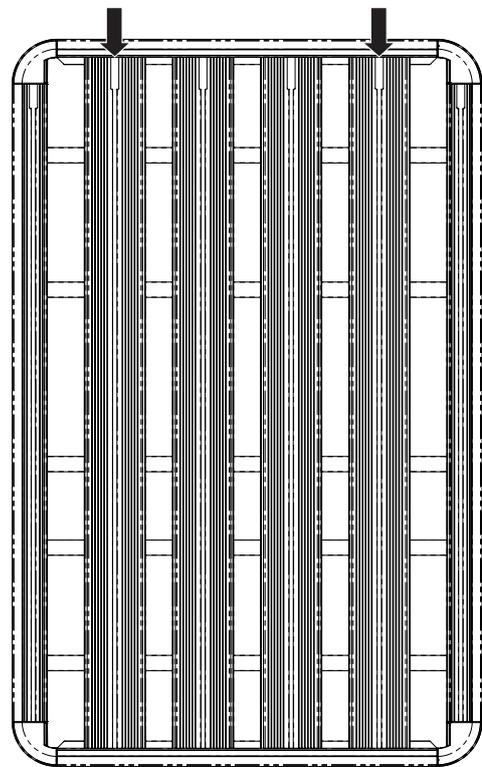


9 Align End Supports

Slide the end supports so they align with the appropriate plank ready for fitment. Refer to the images below for correct plank alignment to suit your tray.



5 Plank Trays



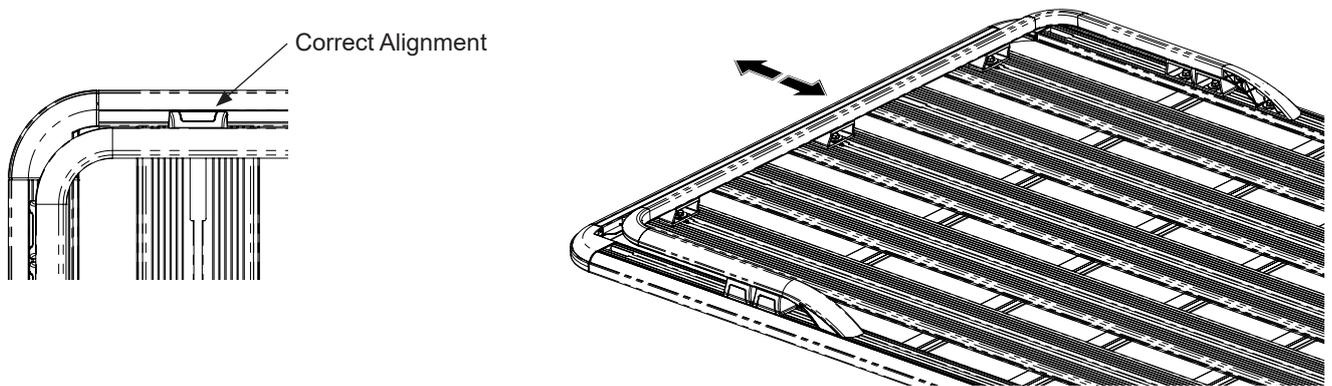
4 Plank Trays



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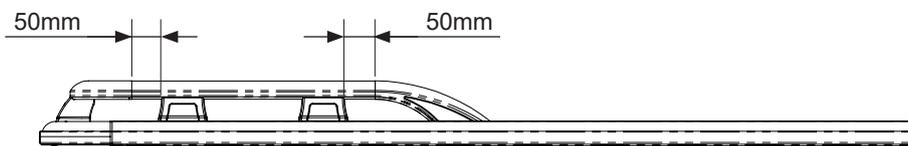
10 Engage End Supports

Slide the rail assembly over the tray until the channel nuts on the end supports locate within the slots at the front of the tray. Now slide the rail assembly towards the front of the tray so the channel nuts engage within the channels. The rail should stop when it reaches the correct position for fitment. Finger tighten the bolts on end supports so the rail doesn't move.



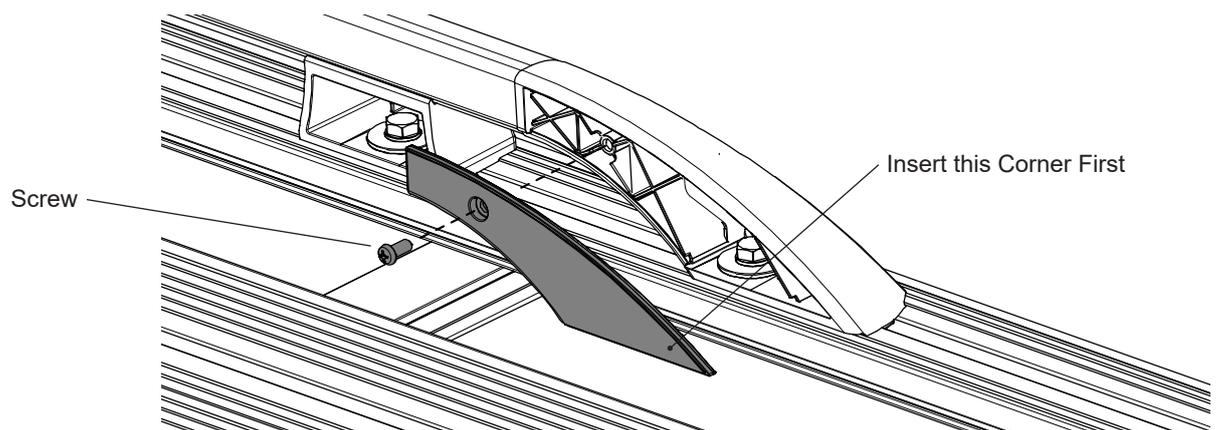
11 Position Side Supports

Position the side supports on both sides of the rail as detailed below and tighten all bolts with a 13mm spanner.



12 Fit End Moulding Covers

Insert the bottom corner of the cover first, then snap the other end of the cover in place. Fasten the cover with the screw provided in kit. Repeat this process on the other side of the rail.





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Fitment Options

