

START HERE!

READ ME FIRST

Don't be a hero and muscle through this installation without reading these fitting instructions first! Improper installation of this gear may void certain aspects of your warranty.

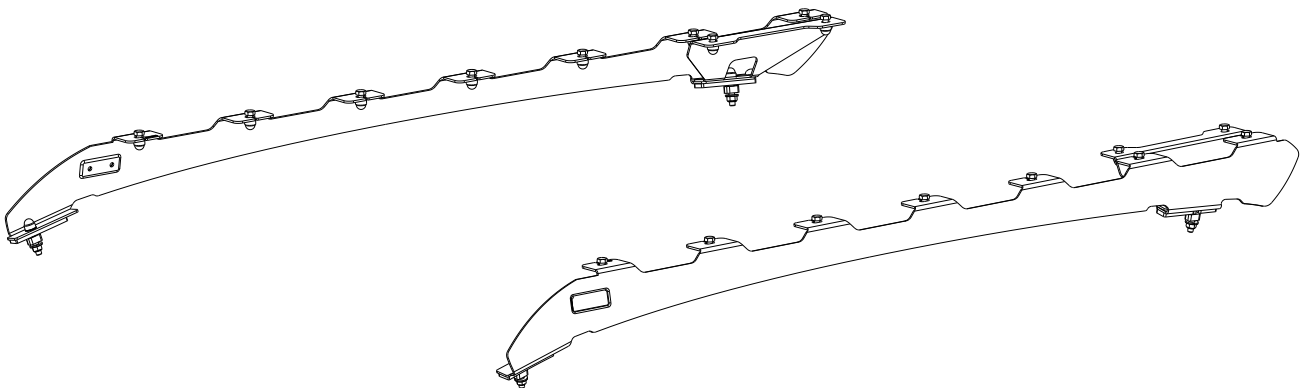
Before you begin, take a moment and open all your Front Runner rack kit boxes and gather the assembly instructions for the various components.

A complete kit will contain:

1. A Front Runner Mounting System specific to your vehicle
2. A Front Runner Rack Tray or Load Bar Slats

This document will guide you through the assembly of the mounting system and assist you in fitting the roof rack tray or load bars to your specific vehicle.

Please refer to the next page for a list of all the components, quantities and tools required.



IMPORTANT WARNING! ⚠

IT IS CRITICAL THAT ALL FRONT RUNNER PRODUCTS BE PROPERLY AND SECURELY ASSEMBLED AND ATTACHED TO YOUR VEHICLE. IMPROPER ATTACHMENT COULD RESULT IN AN AUTOMOBILE ACCIDENT, AND COULD CAUSE SERIOUS BODILY INJURY OR DEATH. YOU ARE RESPONSIBLE FOR ASSEMBLING AND SECURING ALL FRONT RUNNER PRODUCTS TO YOUR VEHICLE, CHECKING THE ATTACHMENTS PRIOR TO USE, AND PERIODICALLY INSPECTING THE PRODUCTS FOR ADJUSTMENT, WEAR AND DAMAGE. THEREFORE, YOU MUST READ AND UNDERSTAND ALL OF THE INSTRUCTIONS AND PRECAUTIONS SUPPLIED WITH YOUR FRONT RUNNER PRODUCT PRIOR TO INSTALLATION OR USE. IF YOU DO NOT UNDERSTAND ALL OF THE INSTRUCTIONS AND CAUTIONS, OR IF YOU HAVE NO MECHANICAL EXPERIENCE AND ARE NOT THOROUGHLY FAMILIAR WITH THE INSTALLATION PROCEDURES, YOU SHOULD HAVE THE PRODUCT INSTALLED BY A PROFESSIONAL INSTALLER OR OTHER QUALIFIED PERSONNEL.

NOTE: Front Runner will not be responsible for any damage caused by the failure to install the product according to these instructions.

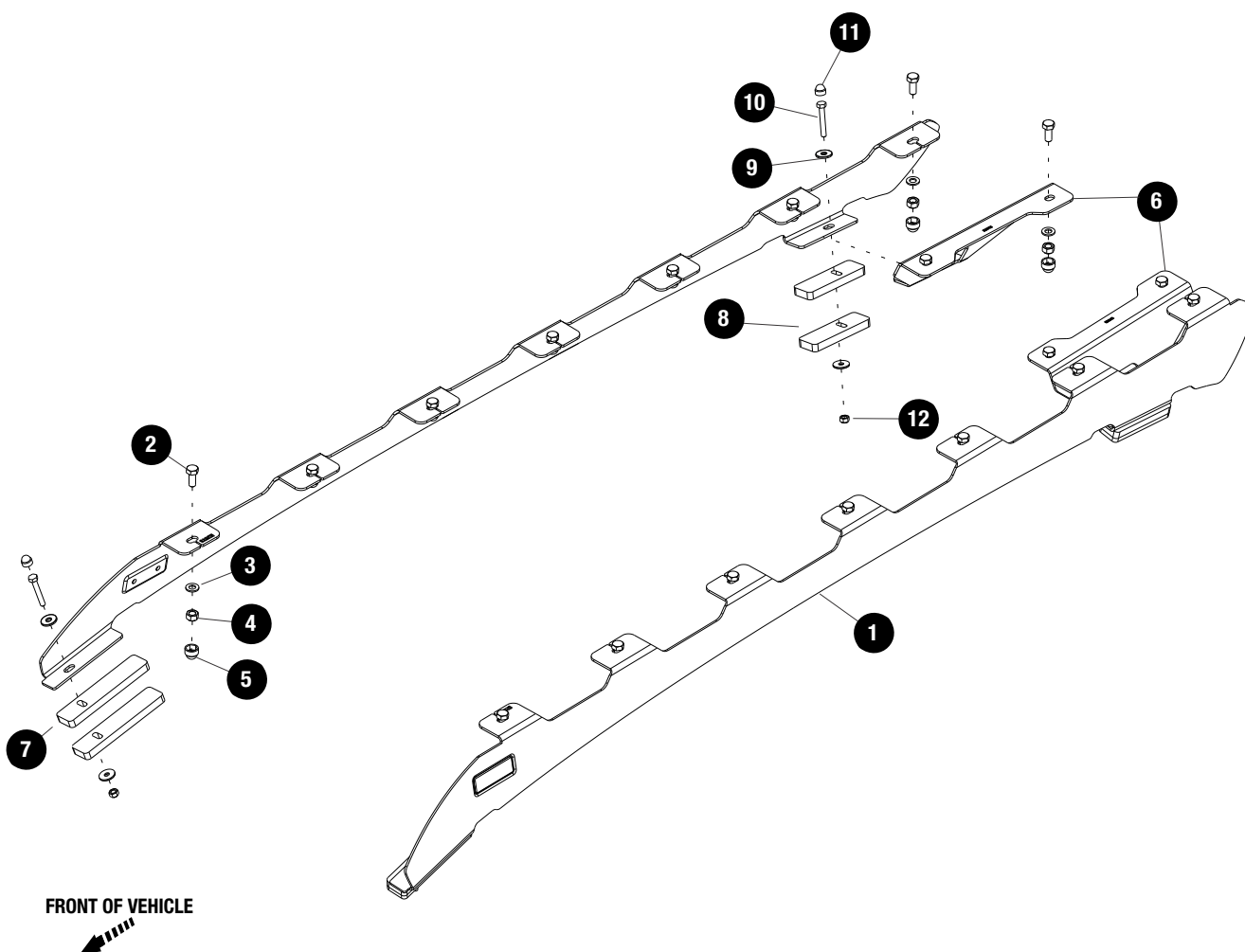
Please call us if you have any questions about the installation of this product.

**1 GET ORGANIZED - FOR USA SPEC FITMENT ONLY****IN THE BOX**

1	2 X	Foot Rail 1LH + 1RH
2	18 X	M68 x 20 Hex Bolt
3	18 X	M8 x 16 x 1.6 Flat Washer
4	18 X	M8 Nyloc Nut
5	18 X	M8 Nut Cap
6	2 X	Stiffener Bracket 1LH & 1 RH
7	2 X	Front Spacer 10mm
8	2 X	Rear Spacer 10mm
9	8 X	M6 x 20 x 2 Flat Washer
10	4 X	M6 x 45 Hex Bolt
11	4 X	M6 Nut Cap
12	4 X	M6 Nyloc Nut

TOOLS NEEDEDUtility
Knife

Torque Wrench

2-4 USA SPEC FITMENT ONLY**2, 5-7 MODEL WITHOUT FACTORY ROOF RAILS****2, 5, 8-9 MODELS WITH FACTORY ROOF RAILS****FIGURE 1.1**



HEADLINER REMOVAL

**2**

HEADLINER REMOVAL

2.1 Remove the Front Seat Grab Handle

Locate the grab handles on the A-pillars (Either side of the windshield).
Use a trim removal tool or a flat screwdriver to carefully pry off the small plastic covers to reveal the screws and remove them with a 6mm socket.

2.2 Remove the Sun Visors

Use a trim tool or flat screwdriver to gently pry off the plastic cover along its central split line, to reveal the screws and remove using a T20 Torx bit.
Carefully remove the visor from its mount.
Repeat for the other side.

2.3 Remove the A-Pillar Trim

Starting at the top of the A-pillar panel, gently pull the trim away from the body of the car.
Work your way down, releasing the retaining clips as you go.
At the bottom of the panel, locate the wire connected to the speaker.
Unplug the speaker harness before fully removing the trim.
Remove the trim panel completely and set it aside.
Repeat for the other side.

2.4 Remove the Overhead Handles

Use a trim tool to gently pry off the plastic covers from the inside of the handle to reveal the screws and remove using a T30 Torx bit.
Repeat for the other side

2.5 Remove the Overhead Console

Open the sunglass holder in the overhead console.
From the rear edge of the console, gently pull downward to release the back clips.
Once the rear clips are free, move your hands toward the middle and pull down to release the center clips.
Unplug all electrical harnesses connected to the console and remove it and the two screws that are located behind..

2.6 Remove Seat Belt Bolt and Rear Grab Handle

Pop off the top plastic cover to reveal the seat belt mounting bolt.
Using a T50 Torx bit, remove the front seat belt bolt and allow the seat belt to hang freely.
Locate the handle positioned directly behind the seat belt mount.
Use a trim removal tool or a flat screwdriver to carefully pry off the small plastic covers to reveal the screws and remove using a 6 mm socket.
Repeat for the other side.

2.7 Remove the Top B-Pillar Trim Panel

Grab the top of the B-pillar panel and gently pull to release the retaining clips.
Work your way down the panel, releasing all clips along the top section.
Release the top clips on the bottom B-pillar panel where it overlaps the top panel.
Repeat for the other side.

2.8 Remove Rubber Door Seals

Starting at one corner, gently peel the rubber seal away from the door frame.
Work your way along the sides and top of each door until the seal is fully removed.
Repeat for all four doors.

2.9 Remove Rear Hooks

Use a trim tool or flat screwdriver to release the retaining clip securing the rear hook.
Remove the retaining clip.
Rotate the hook forward and pull it downward to remove it.
Repeat for the other side

2.10 Remove Rear Upper Trim Panels

Starting at the top, pull the outside upper trim panel away from the vehicle, working your way down to release all clips.
Repeat for the other side.

Note:

The top two metal clips that secure the panel to the side of the vehicle may remain in the side wall when the panel is removed. Carefully remove these clips from the vehicle (pliers may be needed) and reinstall them onto the trim panel.

2.11 Lower the Headliner (Not shown on illustration)

Have a friend assist you with this step.
Gently pull the headliner downward to release it from the magnetic mounts.
Take extra care not to crease, bend, or otherwise damage the headliner, as it is fragile.

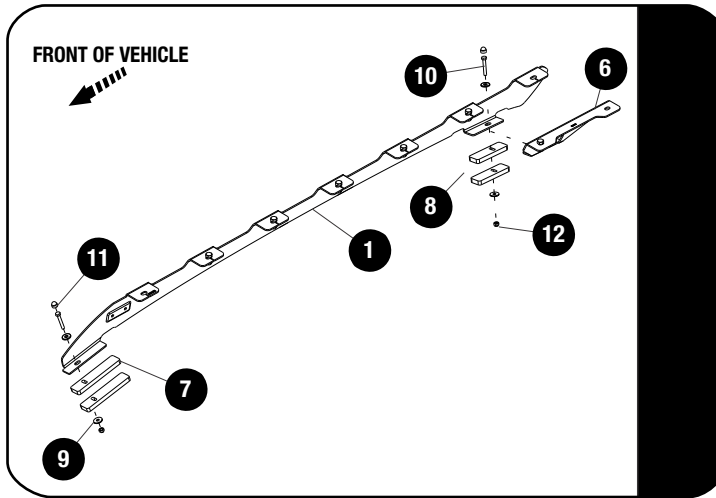
2.12 Remove Roof Nuts and Peel Rubber Trim (Not shown on illustration)

Take extra care around the curtain airbags.
Locate the front nut behind the curtain airbag and the rear one near the C pillar and remove using a 8mm socket.
From the outside use a plastic trim tool, carefully peel the rear edge of the rubber trim away from the roof and remove the trim.
Repeat for the other side

3

FIT AND SECURE - FOR USA SPEC FITMENT ONLY

3.1



Apply a bead of sealant on the threads of the M6 x 45 Hex Bolts and secure the Foot Rail (Item 1) together with the Support Bracket (Item 6) and the Front and Rear Spacers (Item 7 & 8) to the Roof using M6 x 45 Hex Head Bolts, M6 x 20 x 2 Flat Washers and M6 Nyloc Nuts (Items 9, 10 & 12).

Place M6 Nut Caps (Item 11) over all M6 Hex bolt heads.



Tightening Torque:

M6 : 8-10Nm / 5.9 ft lb - 7.38 ft lb

4

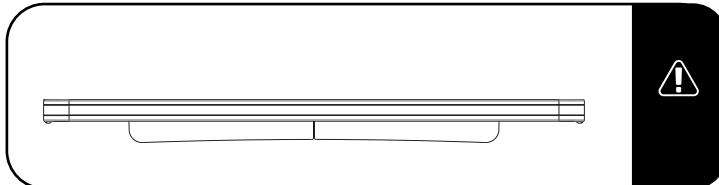
FIT AND SECURE

4.1

Refer to RRSUNI when assembling your Slimline II Tray.

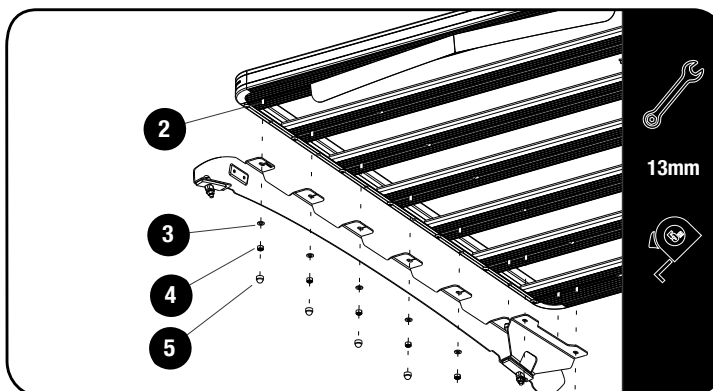


4.2



Make sure that the wind deflector is installed before you proceed to the next step.

4.3



Fit your roof rack to the Foot Rails using M8 x 20 Hex Bolts, M8 x 16 x 1.6 Flat Washers and M8 Nyloc Nuts (Items 2, 3 & 4) as shown.



Tightening Torque:

M8 : 15-20Nm / 11.06 ft lb - 14.75 ft lb

Refit the Roof Lining.

4.4

Center the rack and tighten fully. Use M8 Nut Caps (Items 5) to finish off the nuts.



**5 GET ORGANIZED****IN THE BOX**

1	2 X	Foot Rail 1LH + 1RH
2	4 X	M8 x 45 Hex Bolt
3	22 X	M8 Nut Cap
4	18 X	M8 x 20 Hex Bolt
5	22 X	M8 x 16 x 1.6 Flat Washer
6	22 X	M8 Nyloc Nut
7	2 X	Front Spacer
8	2 X	Rear Spacer
9	8 X	Bottom Spacer
10	4 X	M8 x 19 x 2SS Flat Washer
11	2 X	Support Bracket
12	4 X	Front Spacer 10mm
13	4 X	Rear Spacer 10mm
14	1 X	Double sided tape

TOOLS NEEDED

Marker

13mm

Sealant

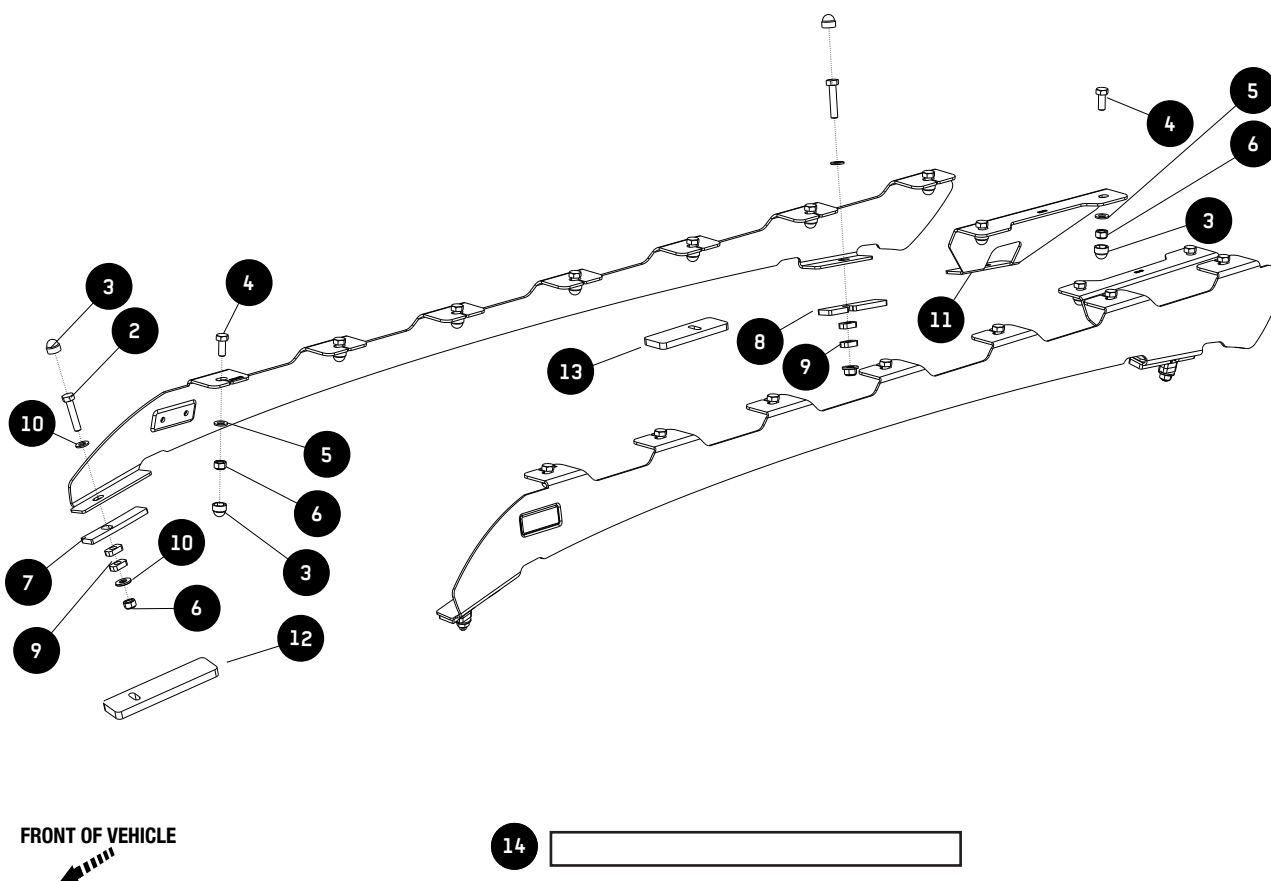


Utility Knife

4mm
8.5mm

Torque Wrench

FIGURE 5.1

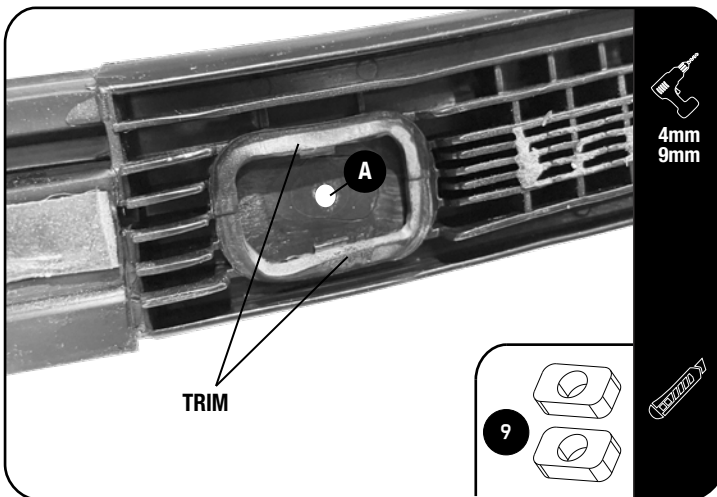


6.1



Refer to Headliner Removal. Pages 3 & 4.

6.2

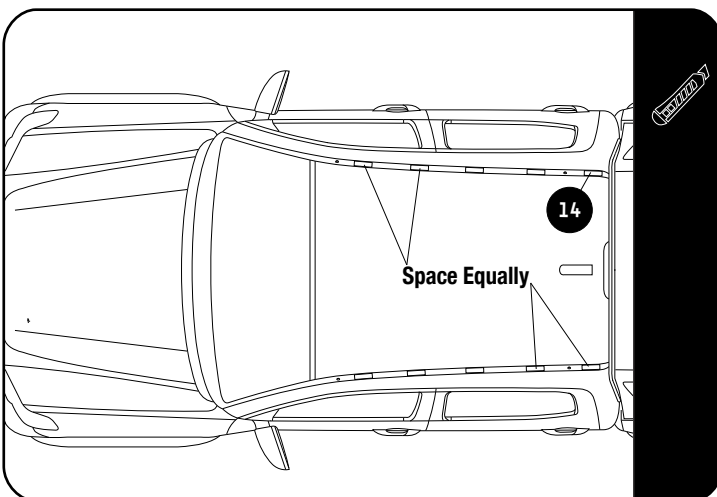


Remove the Stud insert from the plastic trim and place the Bottom Spacer (Item 9) into the opening and mark the center of the hole (A). If needed, trim the opening so that the spacers fit snug.

Drill a 4 mm pilot hole and open it to an 8.5 mm hole.

Refit the Ditch Trim with the two Bottom Spacers (Item 9) in place.

6.3



Cut the supplied Double Sided Tape (Item 14) into 100 mm pieces. Adhere the pieces in the ditch at equal spacing where the original double sided tape was removed. Start with the first piece at the rear.

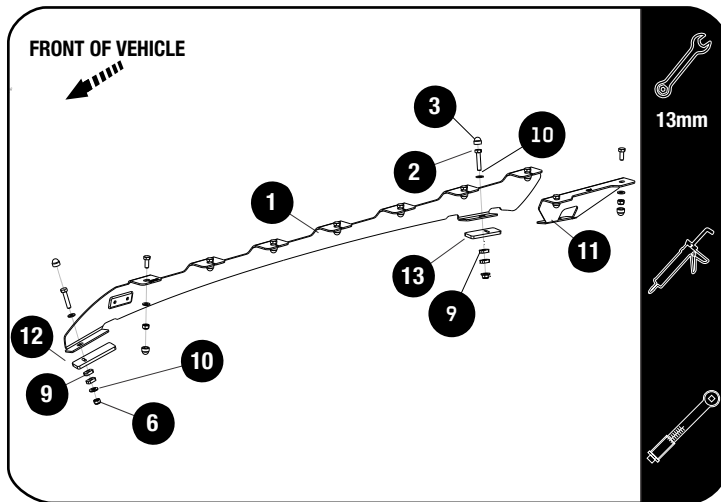
Refit the Ditch Trim with two Bottom Spacers (Item 9) per mounting point, between the ditch trim and the vehicle's roof.

Apply pressure to the ditch trim so that it adheres to the double sided tape.

6

FIT AND SECURE - MODELS WITHOUT FACTORY ROOF RAILS

6.4



Place the Spacers (Item 12 & 13) over the mounting holes on the Ditch Trim.

Apply a bead of sealant on the threads of the M8 x 45 Hex Bolts and secure the Foot Rail (Item 1) together with the Support Bracket (Item 11) to the Roof using M8 x 45 Hex Head Bolts, M8 x 19 x 2 Flat Washers and M8 Nyloc Nuts (Items 2, 6 & 10).

Place M8 Nut Caps (Item 3) over all M8 Hex bolt heads.



Tightening Torque:

M8 : 15-20Nm / 11.06 ft lb - 14.75 ft lb

7

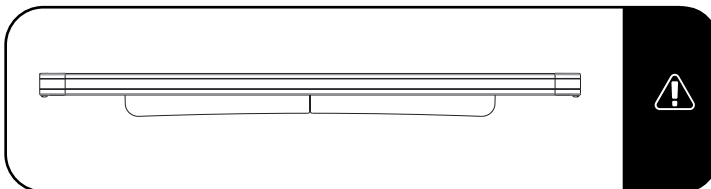
FIT AND SECURE

7.1

Refer to RRSTUNI when assembling your Slimline II Tray.

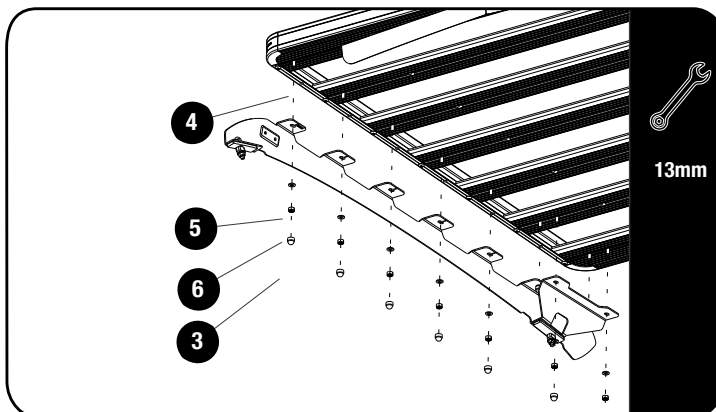


7.2



Make sure that the wind deflector is installed before you proceed to the next step.

7.3



Fit your roof rack to the Foot Rails using M8 x 20 Hex Bolts, M8 x 16 x 1.6 Flat Washers and M8 Nyloc Nuts (Items 4, 5 & 6) as shown.



Tightening Torque:

M8 : 15-20Nm / 11.06 ft lb - 14.75 ft lb

Refit the Roof Lining.

7.4

Center the rack and tighten fully. Use M8 Nut Caps (Items 3) to finish off the nuts.



8.1



Refer to Headliner Removal. Pages 3 & 4.

8.2



Remove the OEM Rails with Ditch Trim from the vehicles roof by unbolting the nuts on the inside of the roof.

Remove the OEM rails from the Ditch Trim.

8.3



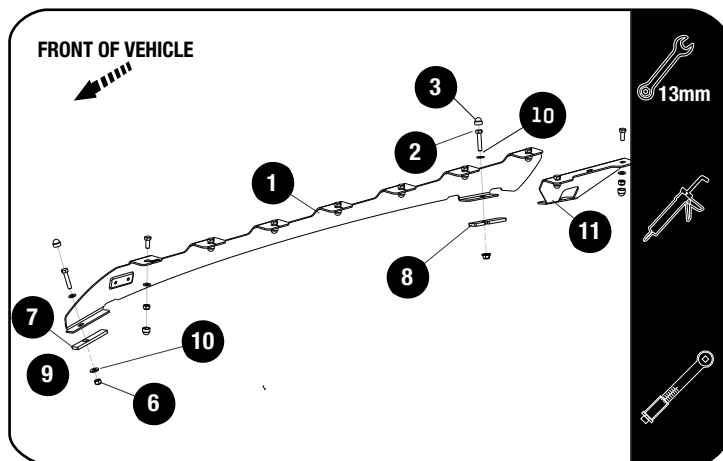
Refit the Ditch Trim back into the vehicles ditch.

In 8.4 you will use the supplied hardware to secure the Foot Rail onto the Ditch Trim.

8

FIT AND SECURE - MODELS WITH FACTORY ROOF RAILS

8.4



Place the Spacers (Item 7 & 8) over the mounting holes in the Ditch Trim.

Apply a bead of sealant on the threads of the M8 x 45 Hex Bolts and secure the Foot Rail (Item 1) together with the Support Bracket (Item 11) to the Roof using M8 x 45 Hex Head Bolts, M8 x 19 x 2 Flat Washers and M8 Nyloc Nuts (Items 2, 6 & 10).

Place M8 Nut Caps (Item 3) over all M8 Bolt heads

**Tightening Torque:**

M8 : 15-20Nm / 11.06 ft lb - 14.75 ft lb

9

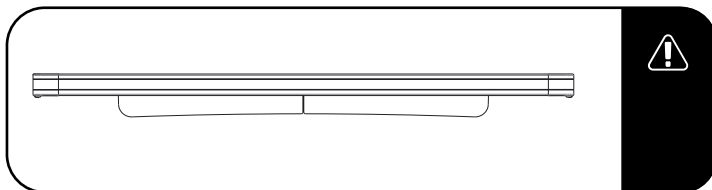
FIT AND SECURE

9.1

Refer to RRSUNI when assembling your Slimline II Tray.

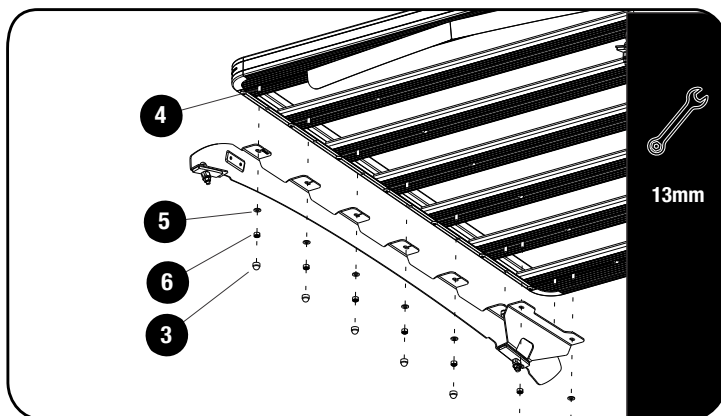


9.2



Make sure that the wind deflector is installed before you proceed to the next step.

9.3



Fit your roof rack to the Foot Rails using M8 x 20 Hex Bolts, M8 x 16 x 1.6 Flat Washers and M8 Nyloc Nuts (Items 4, 5 & 6) as shown.

**Tightening Torque:**

M8 : 15-20Nm / 11.06 ft lb - 14.75 ft lb

Refit the Roof Lining.

9.4

Center the rack and tighten fully. Use M8 Nut Caps (Items 3) to finish off the nuts.



10

INSTALL OTHER VEHICLE AND RACK ACCESSORIES

Now's the time to visit your favorite Front Runner dealer in person or online.

IMPORTANT!

FRONT RUNNER RACK KITS OFTEN HAVE A HIGHER LOAD RATING THAN THE VEHICLES THEY ARE MOUNTED TO. PLEASE REFER TO YOUR SPECIFIC VEHICLE MANUFACTURER FOR A RECOMMENDED ROOF RATING. FRONT RUNNER CANNOT BE RESPONSIBLE FOR IMPROPER LOADING BEYOND THE VEHICLE MANUFACTURER'S STATED LOAD CAPACITY.

Be sure to tag us. We love to see our gear in action! #FrontRunnerOutfitters #BornToRoam

Share your adventures on:    