

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.

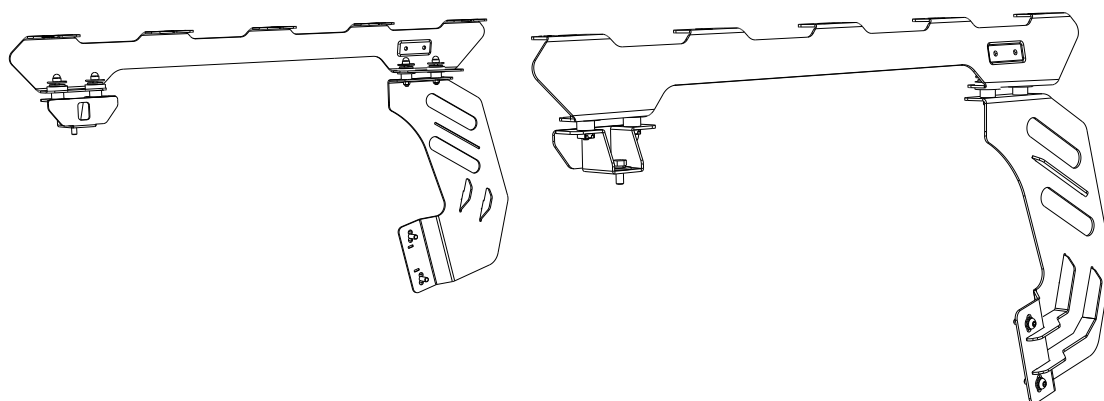
Before you begin, take a moment and open all your Front Runner rack kit boxes and gather the assembly instructions for the various components.

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.

1

GET ORGANIZED

FAJL005

IN THE BOX

1	2 X	Foot Rail - 1LH + 1RH
2	10 X	M8 X 20 Hex Bolt
3	10 X	M8 x 16 x 1.6SS Flat Washer
4	10 X	M8 Nyloc Nut
5	10 X	M8 Nut Cap

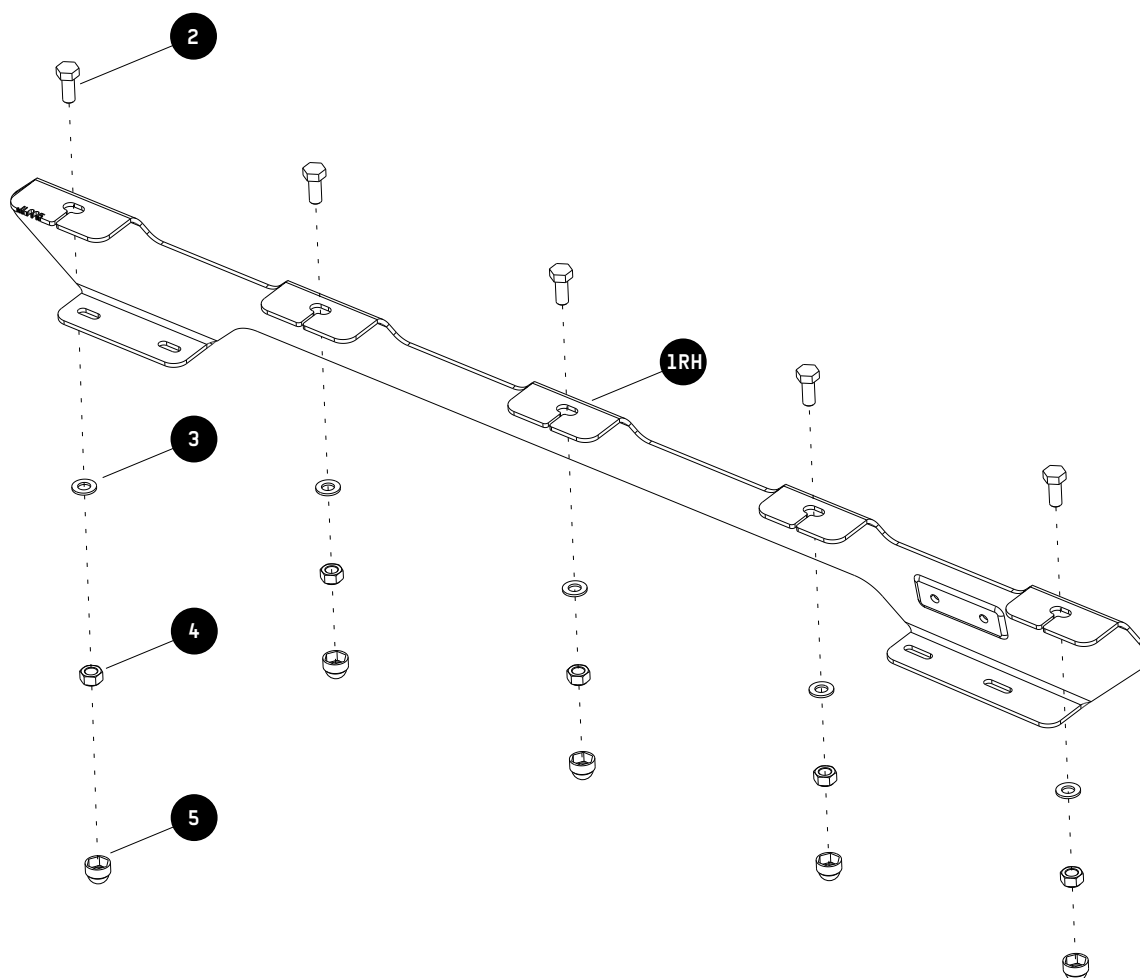
TOOLS NEEDED

10MM
13MM10MM
13MM

- Vacuum Cleaner
- a Friend

Allen Key
4MM4mm
22mm (7/8") Hole Saw

FIGURE 1.2



1 GET ORGANIZED

FAJL006

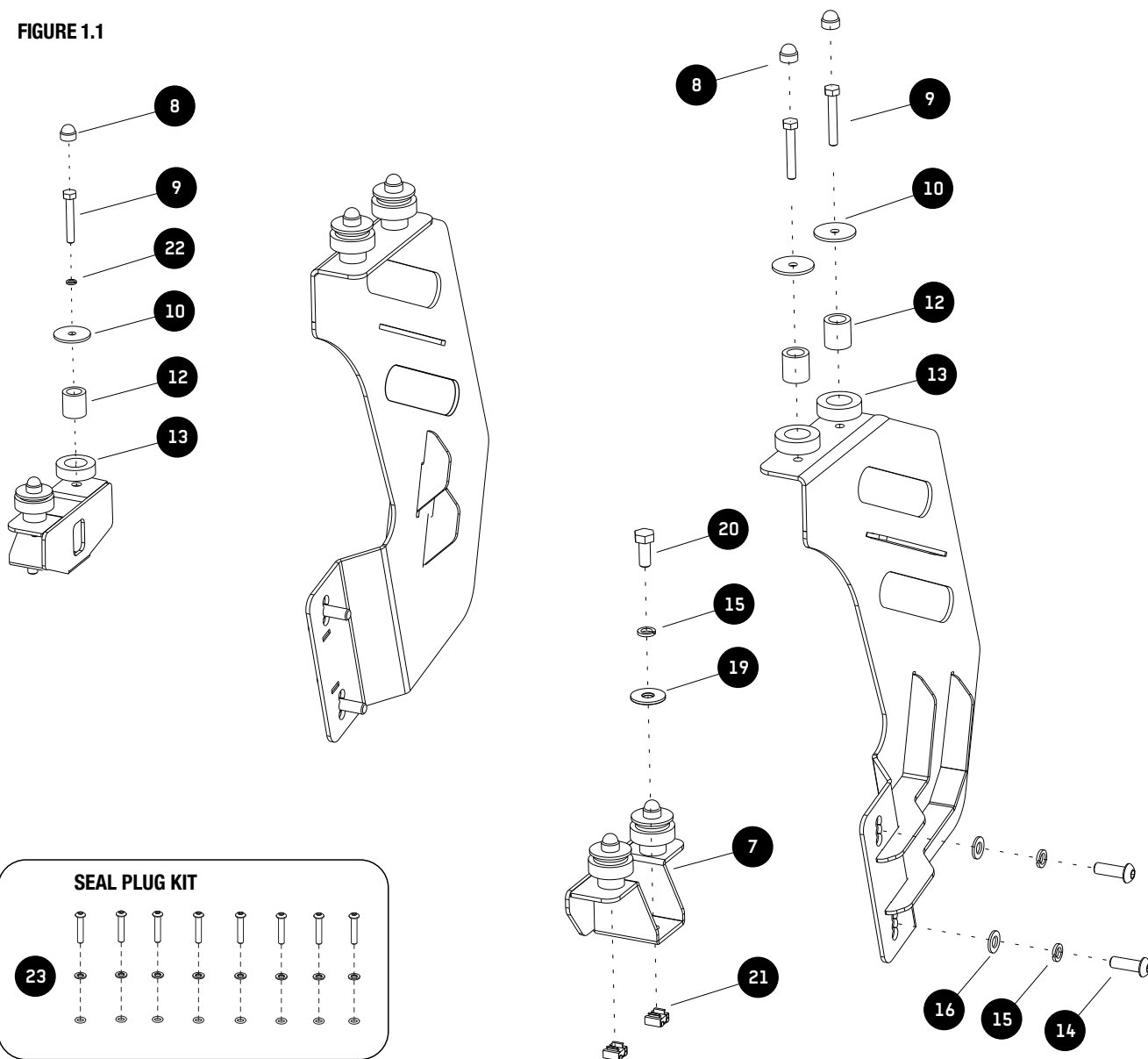
IN THE BOX

6	2 X	Rear Inner Bracket - 1LH + 1RH
7	2 X	Middle Support Bracket
8	8 X	M6 Nut Cap
9	8 X	M6 x 40 Hex Bolt
10	8 X	M6 x 30 x 2 Washer
12	8 X	Aluminum Spacer
13	8 X	Foam Seal Washer
14	4 X	M8 x 25 Button Head Bolt
15	6 X	M8 SS Spring Washer
16	4 X	M8 x 16 x 1.6SS Flat Washer

IN THE BOX

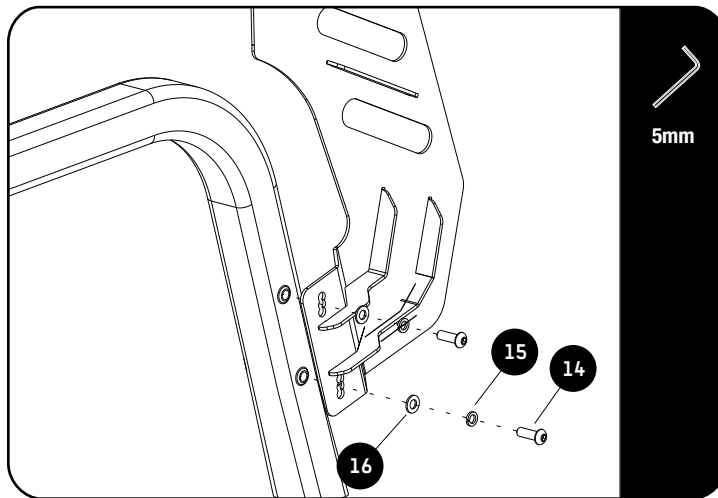
17	4 X	M6 Nyloc Nut
18	4 X	M6 x 12 x 1SS Flat Washer
19	2 X	M8 x 25 x 2 Flat Washer
20	2 X	M8 x 20 Hex Bolt
21	4 X	M6 Cage Nut
22	4 X	M6 SS Spring Washer
23	1 X	Seal Kit

FIGURE 1.1



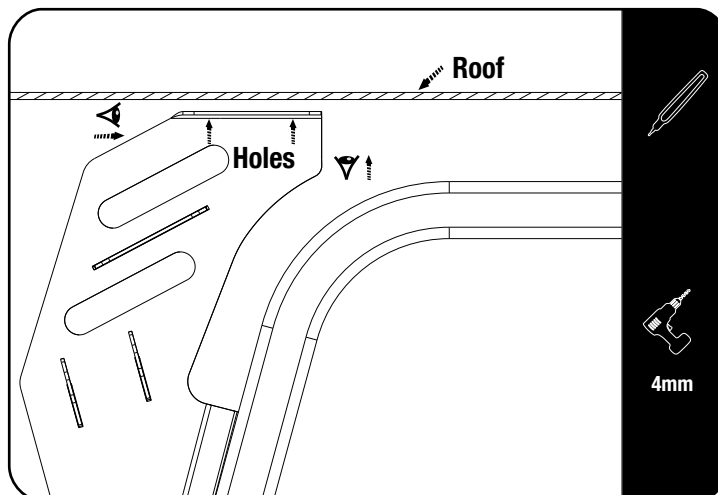
FIT AND SECURE INNER BRACKETS AND FOOT RAIL

2.1



Fit the Inner Support Brackets (Items 6LH & 6RH) to the factory inserts in the roll bar, using M8 x 25 Button Head Bolts, M8 SS Spring Washer and M8 x 16 x 1.6SS Flat Washer (Items 14, 15 & 16).

2.2



Looking from the side ensure that the top of the Inner Support Bracket is parallel with the inside of the roof and looking from the back must sit parallel with the rib in the roof.

Using the two top holes on the Inner Support Bracket as a guide, mark the hole positions on the roof. Do the same with the opposite side Support Bracket.

Remove the brackets and drill a 4mm pilot holes on all four marks you have made.

2.3



Remove the two T-top roofs.

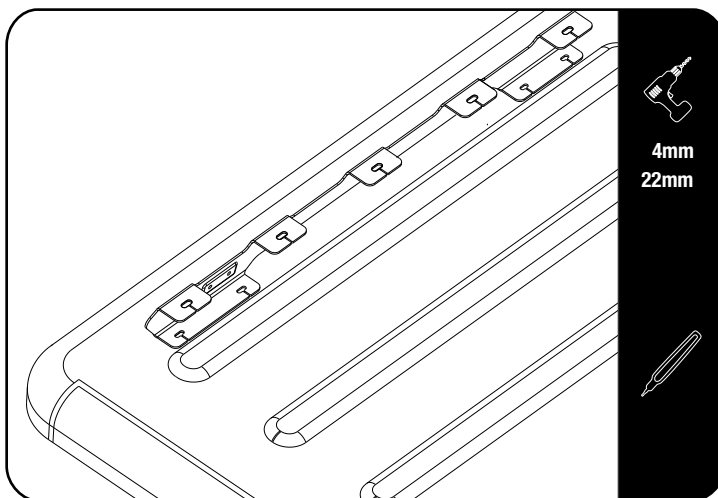
Disconnect the power socket and water pipe in the back left corner of the vehicle.

Using a T40 Torx Wrench, remove the six torx bolts holding the rear roof to the vehicle's body.

Remove the two remaining torx bolts either side above the front headrests holding the rear roof to the vehicle's body.

With the help of a friend, lift the roof off the vehicle.

2.4



Working from the outside of the roof align the rear two holes in the foot rails with the holes drilled in 2.2.

Ensure that the foot rail runs parallel to the rib on the roof before marking the two front holes in the foot rail onto the roof.

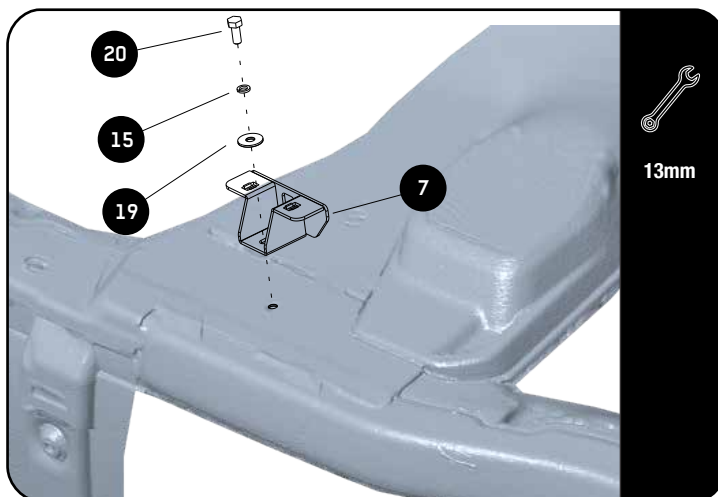
Do this on both left and right side.

Remove the rails and drill 4mm pilot holes on the marks you just made.

Change the 4mm drill bit to a 22mm hole saw. From the outside of the vehicle, drill all the 4mm holes (8 in total) out to 22mm. Let the drill do the work. You do not want to scratch or damage your vehicle's roof. Have your friend hold a vacuum cleaner below where you are drilling to catch all the dust.

After drilling, clean the area around all the 22mm holes in the roof with a rag and methylated spirits/denatured alcohol.

2.5

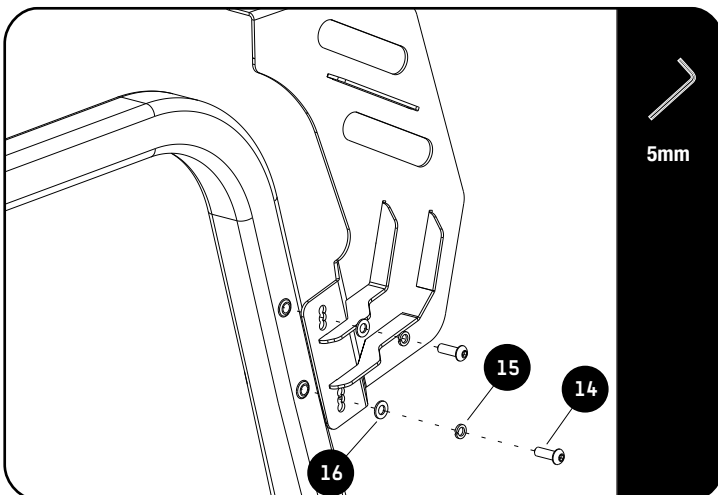


Secure the Middle Support Brackets (Items 7) onto the factory inserts in the roll bar where shown, using M8 x 20 Hex Bolts, M8 SS Spring Washer and M8 x 25 x 2 Flat Washer (Items 15, 19 & 20).



The angled edge of the bracket should face to the outside of the vehicle.

2.6

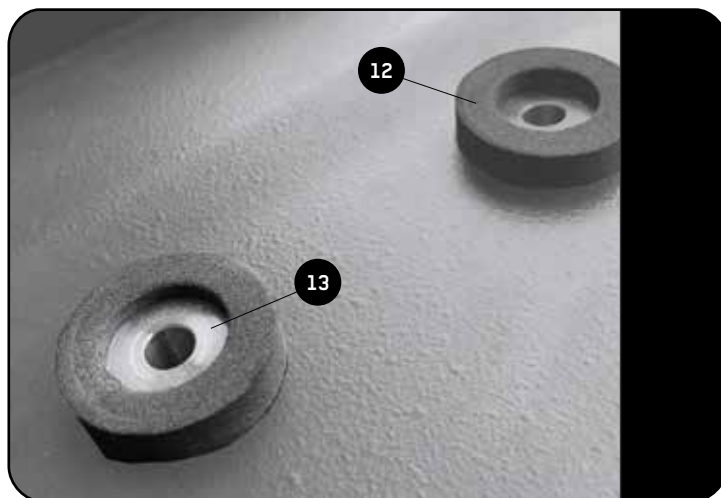


Refit the roof, and fully tighten all six torx bolts removed.

Reconnect the power socket and water pipe in the back left corner of the vehicle.

Refit the Inner Support Brackets to the roll bar.

2.7

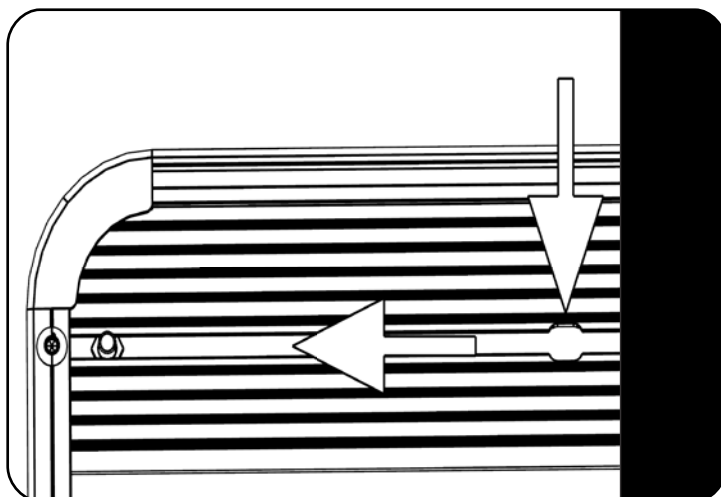


Insert the Aluminum Spacers (Item 12) into the Foam Washer (Item 13). Remove the paper backing from the Foam Washer to expose the adhesive.

Insert the Washer/Spacer combination, adhesive side down, into the 22mm holes so that the Spacer comes to rest on the Inner and Middle Support Brackets.

Firmly press the Foam Washer all the way around, securing it to the roof.

2.8



For a Full Rack fitment refer to FAJL004

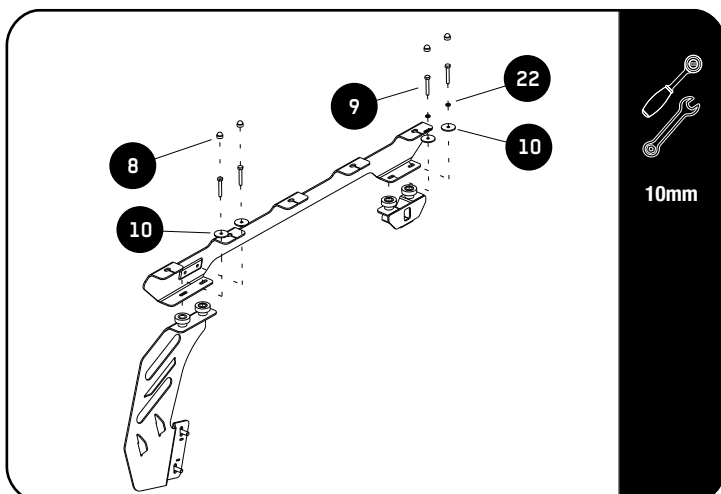


If not already assembled, assemble your Tray as per the Universal Tray Assembly Instructions (Document RRTUNI)



NOTE: Before fitting the Wind Deflector, insert two M8 x 16 Hex Bolts (Item 11 from FAJL005) or if you are fitting a full rack (Item 1 from FAJL004) into the first slat (Combined Slat), using the Machined slots. Slide a bolt to each of the outer corners.

2.9



Place the Foot Rail (Item 1) onto the spacer and secure using M6 x 40 Hex Bolts, M6 x 30 x 2 Flat Washers, M6 SS Spring Washers, M6 x 12 x 1SS Flat Washer and M6 Nyloc Nuts (Items 8, 9, 10 & 22) as shown. Do this on both sides of the vehicle.



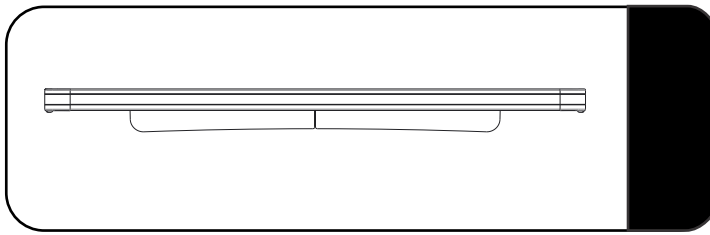
Take note of the M6 SS Spring Washers (Item 22) on the Middle Support Bracket.

Finish off by placing M6 Nut Caps (Item 8) over all the bolt heads.

3

FIT AND SECURE ROOF RACK

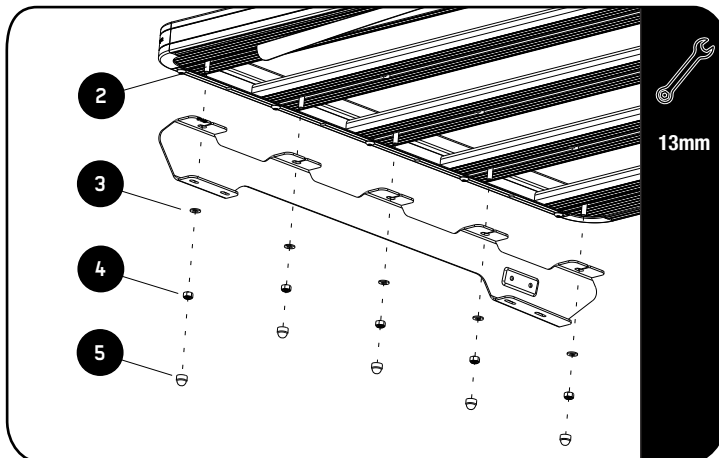
3.1



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

Refer to Rack Fitment Guide (RRSTUNI).

3.2



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

3.3

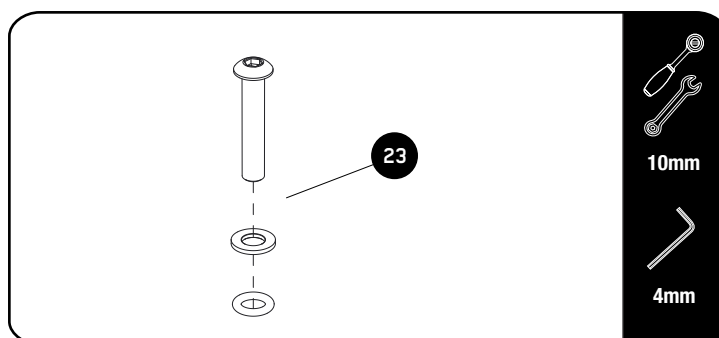
Center the rack and tighten fully. Use M8 Nut Caps (Item 5) to finish off the nuts.



4

REMOVING YOUR RACK

4.1



Should you wish to remove your rack, you will need to seal the holes you drilled in the roof (Step 2.5) using the supplied Seal Plug Kit.

Remove the Tray and the Foot Rail by reversing the installation procedure.

Leave the Foam Washer and the Aluminum Spacers in place. Screw in the Sealing Plugs, reusing the M6 Nyloc Nuts and Washers that held the Foot Rail in position.

5

COMPLETION

4.1

Congratulations! You did it. Take a step back and admire your work!



6

INSTALL OTHER VEHICLE AND RACK ACCESSORIES

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.

FRONT RUNNER

SLIMLINE II TRAY UNIVERSAL ASSEMBLY INSTRUCTIONS

RRSTUNI



READ ME !

Thank you for purchasing a Front Runner Slimline II Tray.

Before you start, take a moment to familiarize yourself with the Fitting Instructions and the components received.

Refer to Page 2 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.

1 GET ORGANIZED

Depending on which size Slimline II Tray you order, quantities may vary from those pictured.

Here is what you are looking at for RRSUNI:

IN THE BOX

1	32 X	M8 Nyloc Nut
2	4 X	M8 x45 Button Head Bolt
3	2 X	Thick Joiner Piece
4	2 X	Thin Joiner Piece
5	4 X	Side Profile
6	4 X	Corner
7	2 X	Combined Slat
8	28 X	M8 x 25 Button Head Bolt
9	12 X	Standard Slat
10	4 X	M6 x 10 Button Head Bolt

TOOLS NEEDED

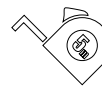
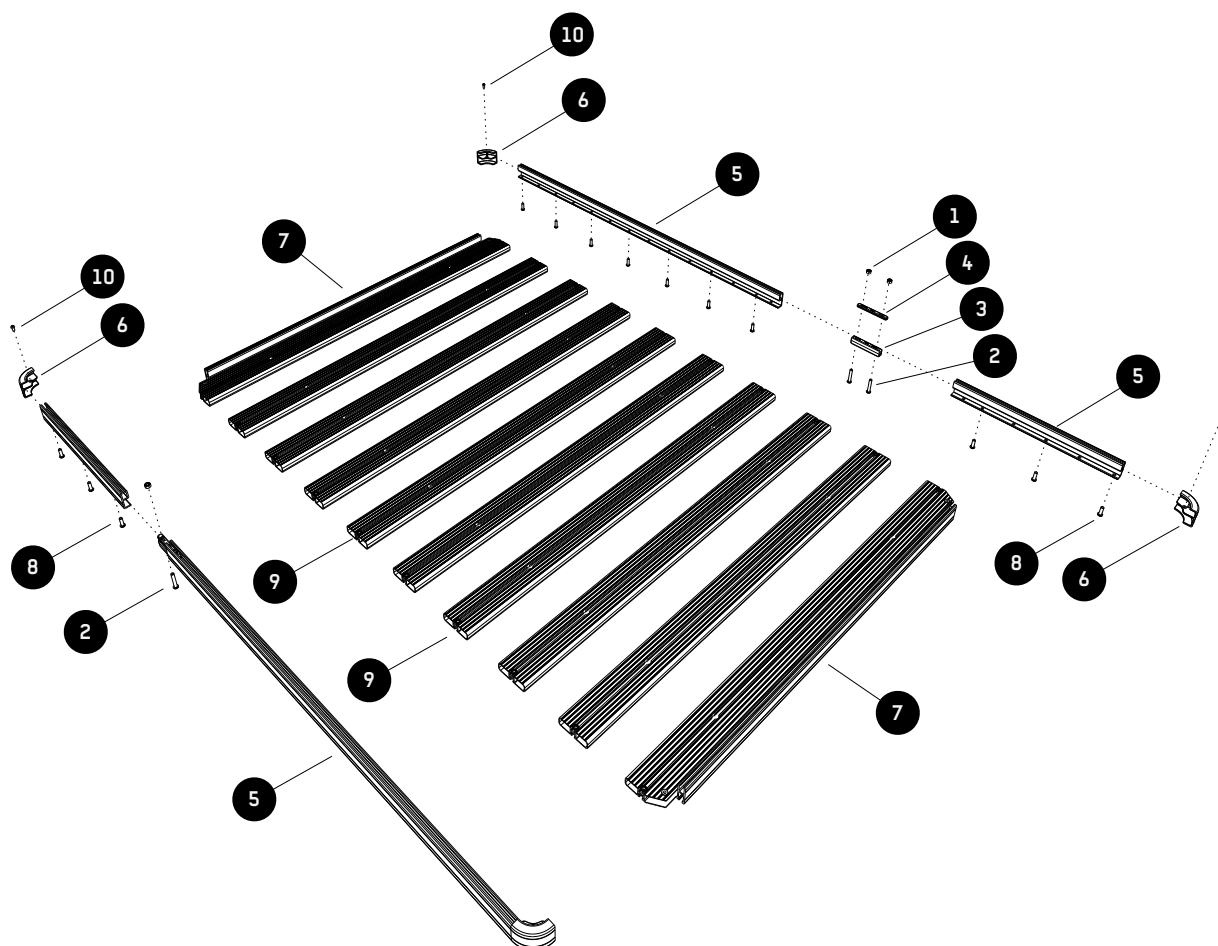


FIGURE 1.1



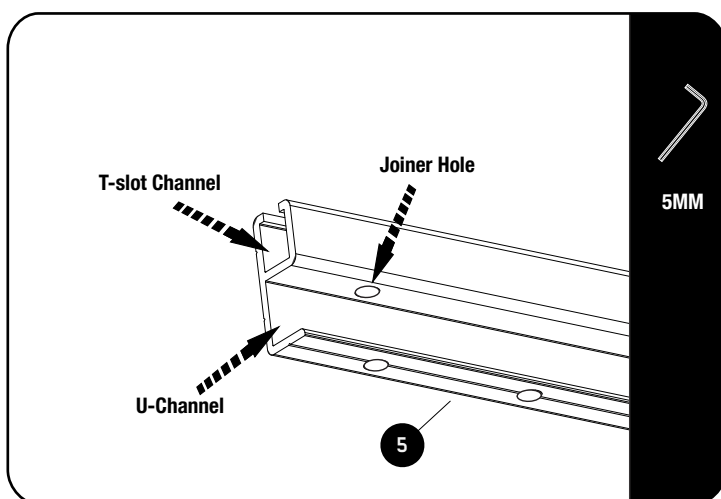


NOTE: Skip this step if your Slimline II Tray is 1560mm or shorter. you will only have two Side Profiles and assembly is not required.

If you have received four lengths of Side Profile (Item 5), you will need to join the pieces together using the Joiners (Items 3 & 4) to form only two lengths by following the easy steps below.

With the exception of the 2772mm long Slimline II Tray, the joints in the Side Profile will be diagonally opposite each other once the Tray is assembled.

2.1

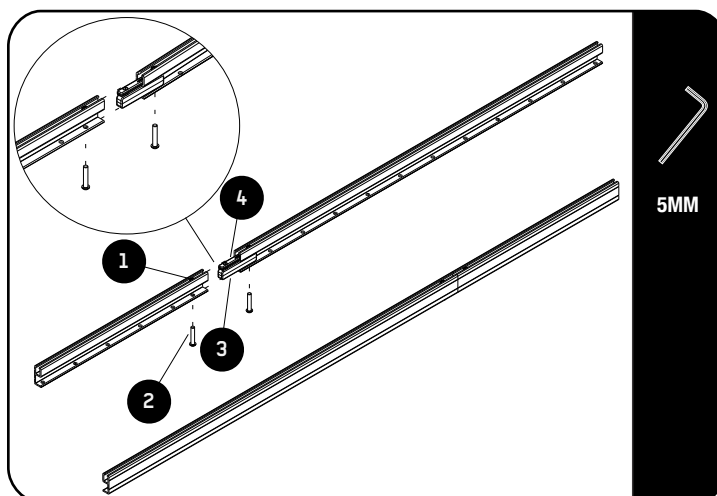


The Side Profiles are supplied in pairs. Take one profile from each pair, one short and one long (Except for the 2772mm long Slimline II rack where the Side Profiles will be equal length. Even though both pairs are the same length it is still important that you take one Side Profile from each pair).

If you look at the Side Profiles you will see that at one end there is a hole that goes through the top and bottom of the "U" Channel.

(Refer to Image 2.1). These are the Joiner Holes that you will be using.

2.2



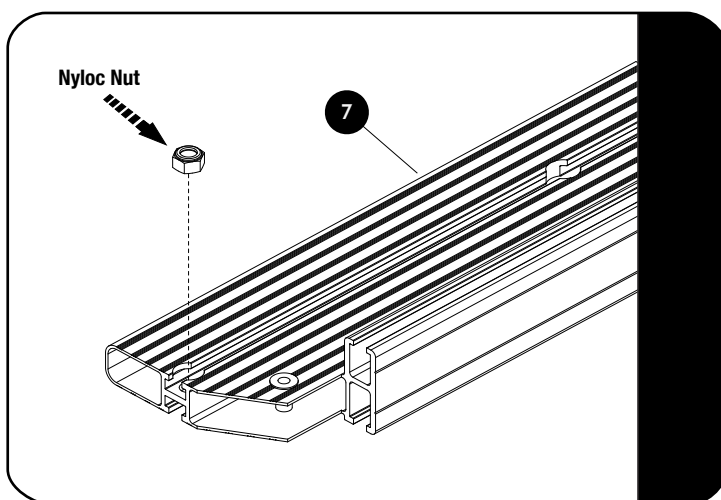
Insert a Thick Joiner (Item 3) into the "U" Channel of the Side Profile lining up the first hole with the hole in the side profile as show in 2.2.

Now grab a Thin Joiner (Item 4) and Nyloc Nut (Item 1). Slide the Joiner into the "T-slot", followed by a Nyloc Nut. The Nyloc Nut should sit on top of the Thin Joiner with the "Dome" of the Nyloc Nut facing up. Line up the outer hole of the Thin Joiner and Nyloc Nut with the Joiner Hole and loosely fasten it all together using a M8 x 45 Button Head Bolt (Item 2) and a 5mm Allen Wrench.

Slide the matching Side Profile over the two Joiner pieces, remembering to insert a Nyloc Nut, and fasten once again using a M8 x 45 Button Head Bolt. Repeat the above steps for the other side.

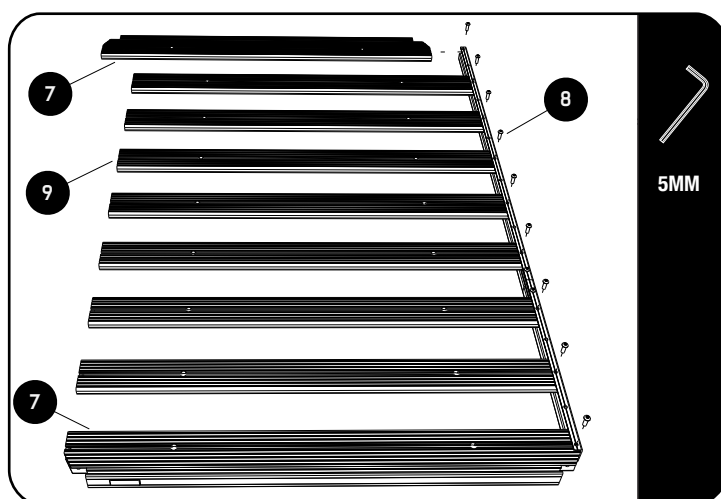
3 RACK ASSEMBLY - COMBINED SLATS AND STANDARD SLATS

3.1



Look at the Combined Slats and Standard Slats (Item 7 & 9) and ensure that there is a Nyloc Nut inserted into each machined end pocket. If the Nyloc Nut has fallen out during shipping, insert it back into the pocket as shown.

3.2



Turn the Combined Slat (Item 7) and the Side Profile Assembly upside down. Ensure that the nut in the Combined Slat is at the bottom. Push the one end of the Combined Slat into the Side Profile assembly and align the holes.

Use a M8 x 25 Button Head (Item 8) and loosely tighten using a 5mm Allen Wrench.

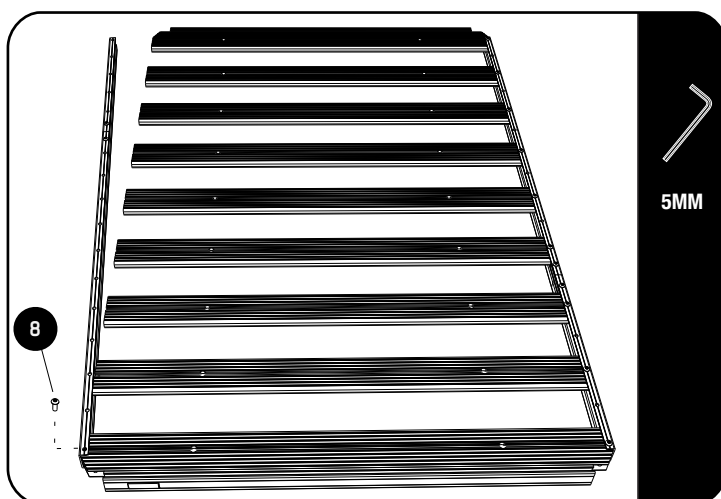
Do the same with the second Combined Slat on the other end of the Side Profile Assembly.

Take a Standard Slat (Item 9) and as with the Combined Slat, slide the one end into the Side Profile Assembly as shown. Ensure that the nut is at the bottom.

Use a M8 x 25 Button Head Bolt (Item 8) and loosely fasten the Standard Slat to the Side Profile using a 5mm Allen Wrench.

Repeat the process for the remaining Standard Slats making sure that there is an open hole in the Side Profile in between each slat.

3.3

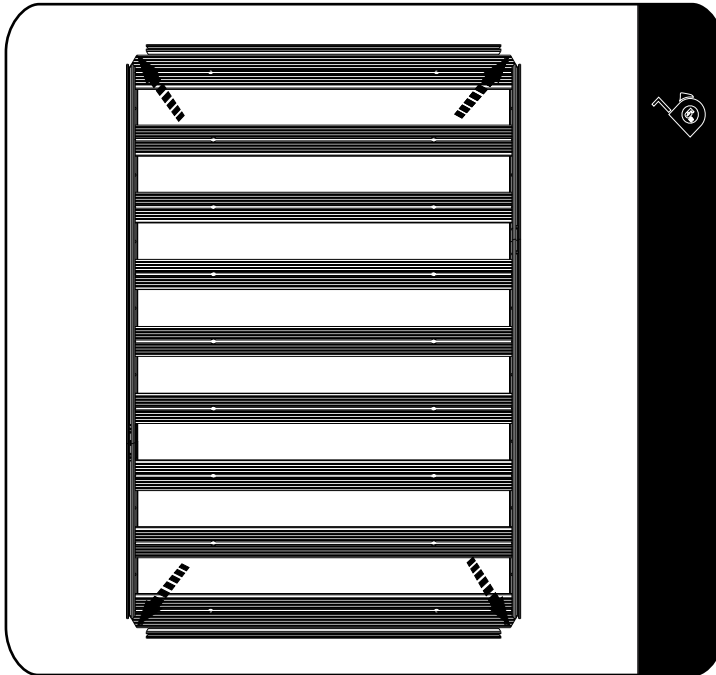


Take the other Side Profile Assembly and starting at the one end push the Side Profile over the ends of the Combined Slat and Standard Slats, aligning the holes and loosely inserting the M8 x 25 Button Heads as you work your way to the Combined Slat at the other end.

3

RACK ASSEMBLY - STANDARD SLATS

3.4



Square the Side Profiles and Slats up before fully tightening all the fasteners.

Using a tape measure, measure from the one corner across to the other corner. Do the same on the opposite corners, if the two measurements are the same the rack will be square.

Fully tighten all the M8 x 25 Button Head Bolts.

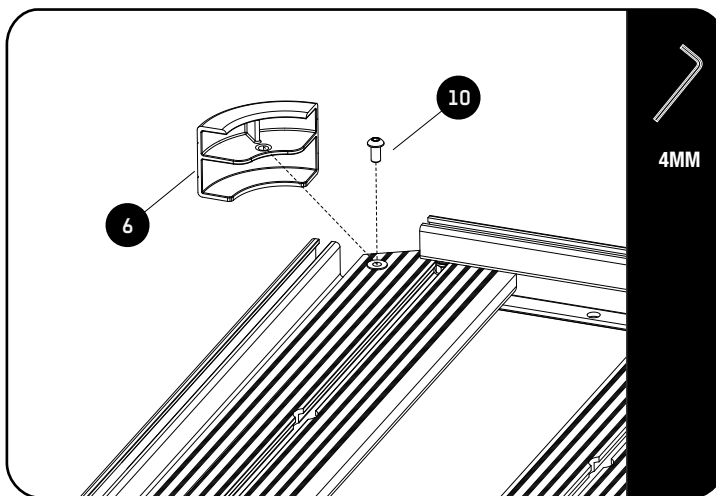


The recommended torque setting for the M8 Button Head Bolts is 20 Nm or 15 ft lb.

4

RACK ASSEMBLY- CORNERS

4.1



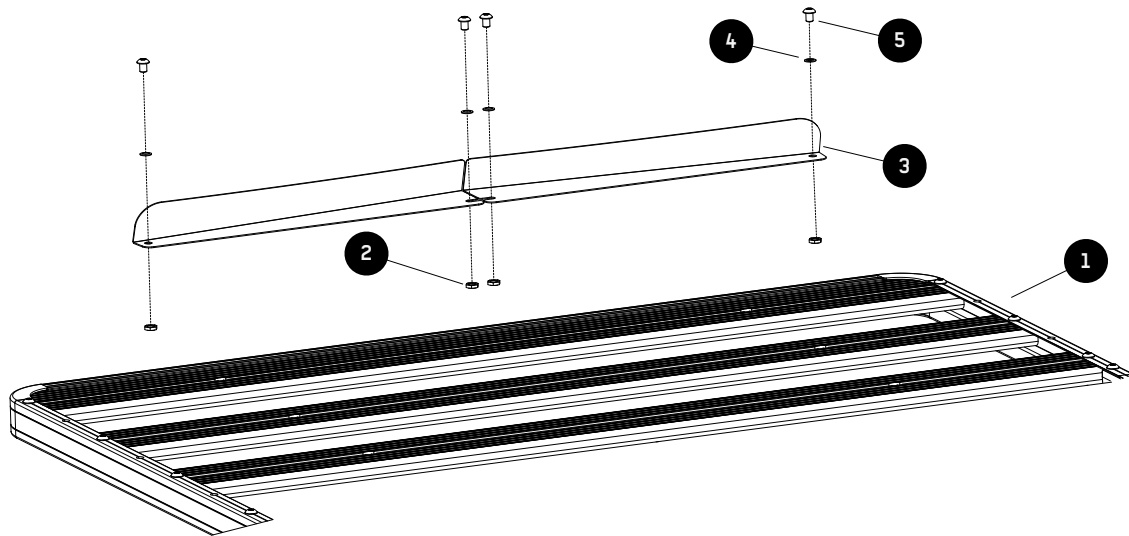
Flip the tray right side up.

Push the Corner into position as shown, aligning the hole in the Corner with the Rivnut already inserted in the Combined Slat. Use a M6 x 12 Button Head Bolt (Item 10) and fasten the Corner in position.

5

RACK ASSEMBLY - WIND DEFLECTOR**IN THE BOX**

1	1	Slimline II Tray
2	4	M8 Half Nut
3	2	Wind Deflector (1LH + 1RH)
4	4	Schnorr Washer
5	4	M8 x 12 Button Head Bolt

TOOLS NEEDED**FIGURE 1.2**



NOTE : The Wind Deflector must be fitted to the underside of the front Combined Slat.

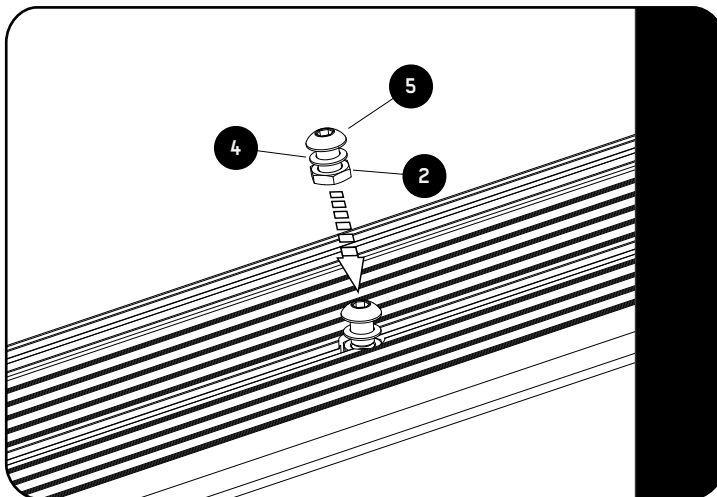
If you are going to put a Leg or Foot on the Combined Slat (Recommended), you will need to slide the M8 Bolt used for attaching these into the Machined Slots before assembling the Wind Deflector.

6.1



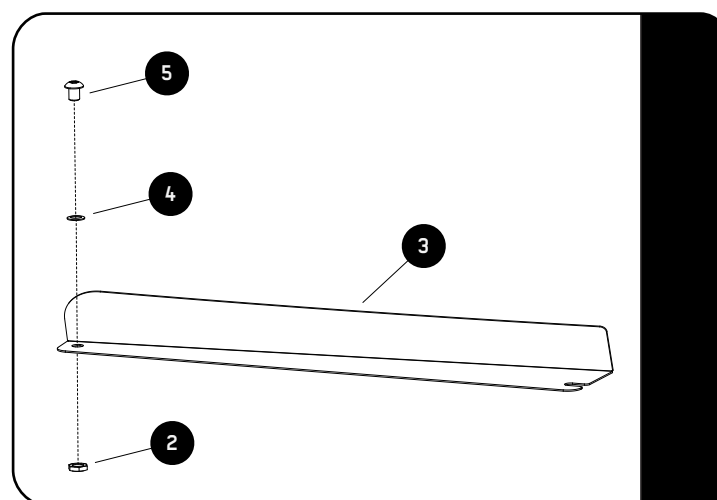
Ensure that your Slimline II Tray is upside down. Check by looking at the product sticker. It should be upside down as shown.

6.2



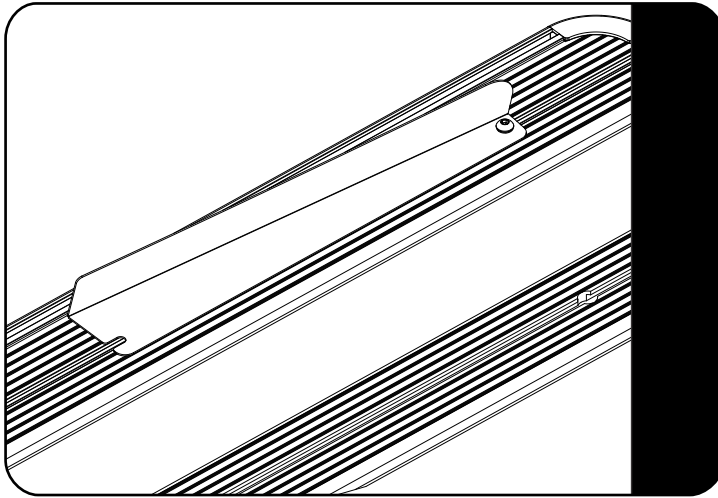
Insert two Button Head Bolts, M8 Half Nuts and Schnorr Washers (Items 2, 4 & 5) assemblies into the Combined Slat as shown. Slide them to the center of the Combined Slat making sure that the Schnorr Washer is above the T-slot Channel.

6.3



Assemble Items 2, 4 & 5 to both LH & RH Wind Deflectors (Item 3) as shown.

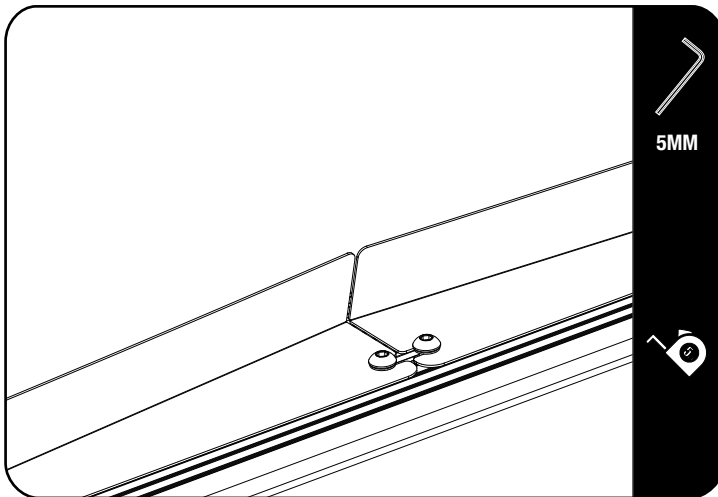
6.4



Insert the nut assembled to the Wind Deflector in the Combined Slat T-slot Pocket and slide to the side as shown in Figure 8.4.

Repeat for the other half of the Wind Deflector.

6.5



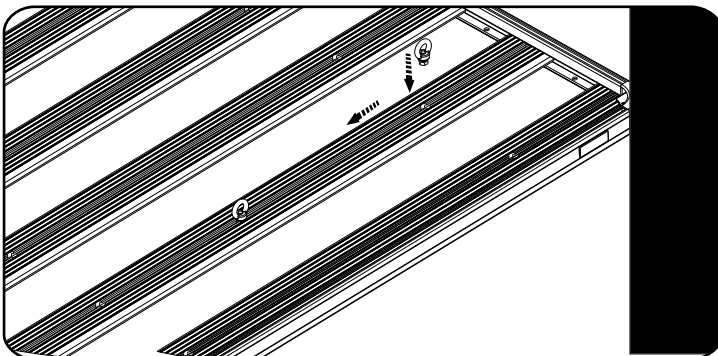
Center the Wind Deflector on the rack and move the bolt assemblies from Figure 8.2 into the slots as shown in Figure 8.5.



NOTE : Once the rack is fitted to the vehicle, take it for a test drive. Should there be excessive wind noise try moving the two Wind Deflectors slightly apart, leaving a gap of about 20 - 30mm.



USEFULL TIP - PRE-LOAD TIE DOWN RINGS



It is usefull to fit Tie-Down Rings (RRAC012) to your Front Runner Rack for future use before you fit any accessories.

Insert the Tie Down Rings into the machined slots and position them in the center of the rack.

7

CHECK YOUR VEHICLE INSTALLATION GUIDE

7.1

Now that your Slimline II Tray is assembled, get your Rack Kit Installation Guide out and follow the instructions to fit the Slimline II Tray to your specific vehicle.

8

HOW TO CARE FOR YOUR FRONT RUNNER GEAR

FRONT RUNNER RACKS AND ACCESSORIES ARE HAPPIEST COVERED IN MUD

But in order to maintain full functionality of the rack slots and any moving parts, you may want to give your gear a bath now and again.

It's easy! Take care of your Front Runner gear the same way you do the exterior of your vehicle:

Rinse with clean water and wipe down with a soft dry cloth. For stubborn spots, use a soft brush and mild soap.

If you really want to baby your gear, feel free to lightly wax the surfaces or use a protective spray with UV inhibitors. Just be sure not to use compound waxes that contain abrasives.

In salty coastal climates, or snowy regions where salt is used to clear roadways, applying a silicone based oil or spray to nuts and bolts will help prevent corrosion.

WHETHER YOU LIKE TO ROLL DIRTY OR CLEAN, YOUR FRONT RUNNER GEAR WILL GIVE YOU MANY YEARS OF SERVICE!

9

INSTALL OTHER VEHICLE AND RACK ACCESSORIES