

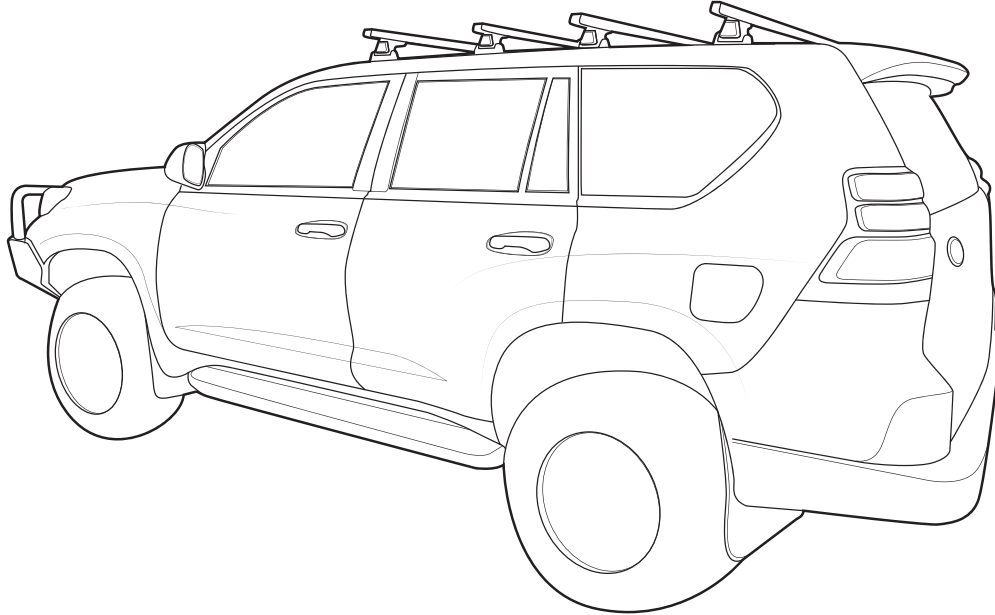
CONTROLLED

RHINO-RACK

RTS536 Toyota Prado 150 Track Mount

Important: Please read these instructions carefully prior to installation. Please refer to your fitting instruction to ensure that the track mount system is installed in the correct location. Check the contents of kit before commencing fitment and report any discrepancies. Place these instructions in the vehicle's glove box after installation is complete.

Layout



Maximum load carrying capacity: 100kg / 220lbs

Important Information

1. Check Part No./Kit is correct
2. Read through instruction before installing
3. Fit roof rack accessory
4. Check and recheck all fasteners are secure

Maximum carrying capacity: 100kg (220lbs) 3-4 Crossbars, including the weight of the rack system 12kg (26lbs) 4 Crossbars.
75kg (165lbs) 2 Crossbars.
40kg (88lbs) 1 Crossbar.

Please refer to your vehicle manufacturers handbook for maximum carrying capacity. Always use the lower of the two figures. Load must be evenly distributed over the entire basket.

Warning: Do not attempt to fit the rack system to your vehicle unless you fully understand these fitting instructions. Please direct any questions regarding fitting to the dealer from where the roof racks were purchased. **Use only non-stretch fastening ropes or straps.**

Recommendations: It is essential that all bolt connections be checked after driving a short distance when you first install your roof racks. Bolt connections should be checked again at regular intervals (once a week is enough, depending on road conditions, usage, loads and distances travelled). You should also check the roof racks each time they are re-fitted. Always make sure to fasten your load securely. Please also ensure that all loads are evenly distributed and that the centre of gravity is kept as low as possible and must be entirely contained within the extents of the roof racks.

Rack System must be removed when putting vehicle through an automatic car wash.

Caution: The handling characteristics of the vehicle changes when you transport a load on the roof. For safety reasons we recommend you exercise extreme care when transporting wind-resistant loads. Special consideration must be taken into account when cornering and braking.

Off-road use:

The track Rack System may be used in off road applications, however a safety factor of 1.5 is enforced. That is, maximum permissible off road load is **66kg (145lbs)**. Although the crossbars are tested and approved to AS1235-2000/ 15011154, off-road conditions can be much more rigorous. Increasing the number of crossbars does not increase the vehicles maximum permissible roof loading.

Note for Dealers and Fitters: It is your responsibility to ensure these fitting instructions are given to the end user or client.

Rhino-Rack 3 Pike Street, Rydalmere,

NSW 2116, Australia.
(Ph) (02) 9638 4744
(Fax) (02) 9638 4822

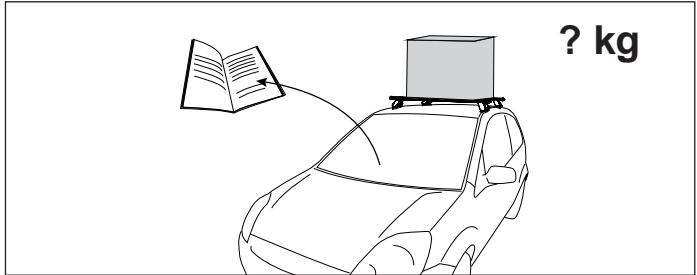
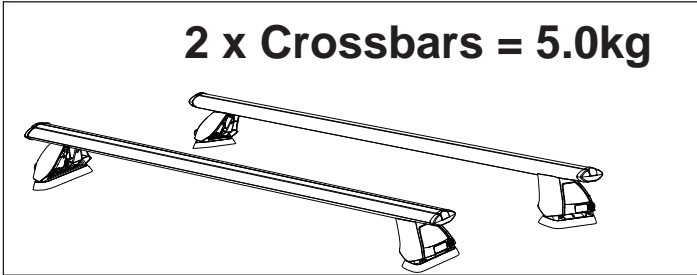
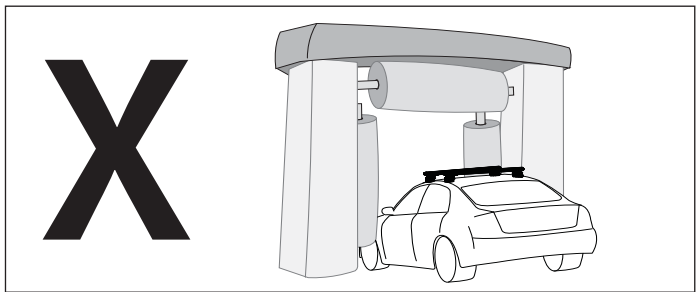
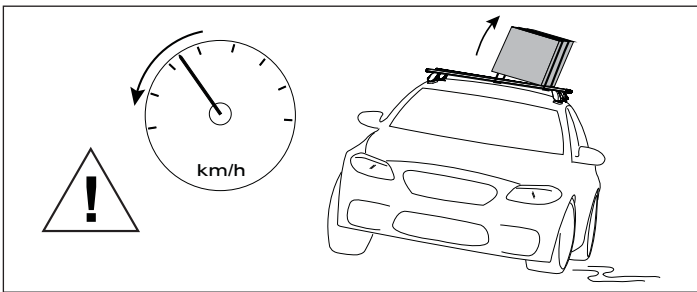
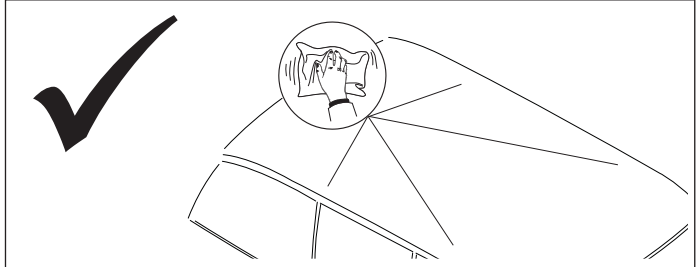
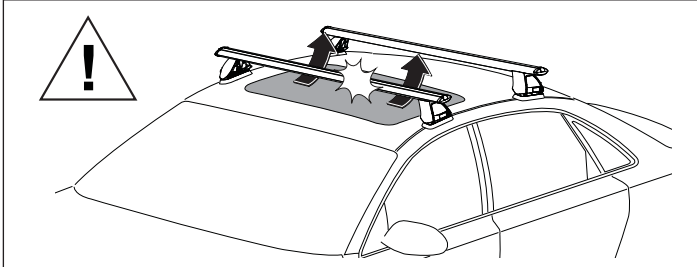
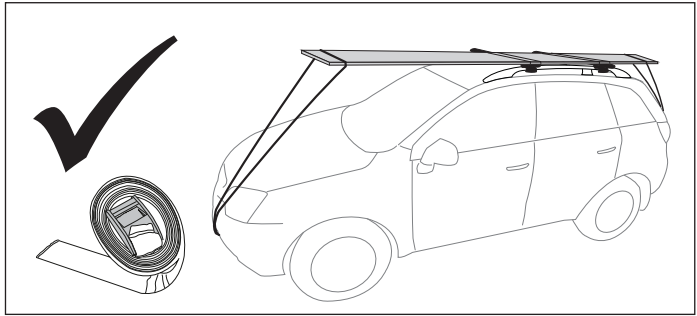
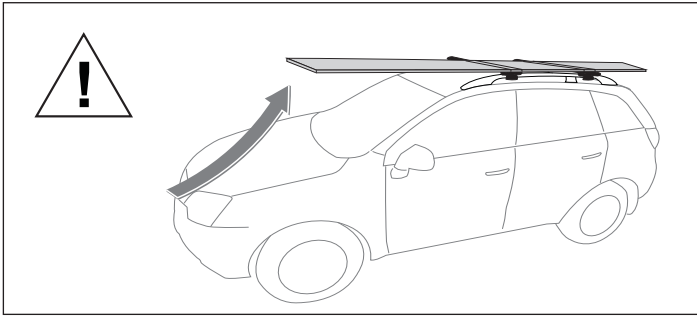
Document No: R756
Prepared By: Kayle Everett
Authorised By: Chris Murty

Issue No: 03
Issue Date: 18/09/2015

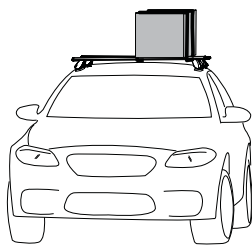
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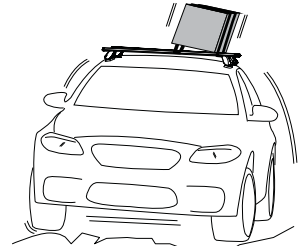
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When these roof racks are to be used on a vehicle that is driven off sealed roads, the manufacturer maximum roof load rating (to be found in the vehicles User Manual) should be **divided by 1.5**. Do not forget to subtract the Crossbars from your maximum carrying capacity due to the weight of the crossbars and legs.

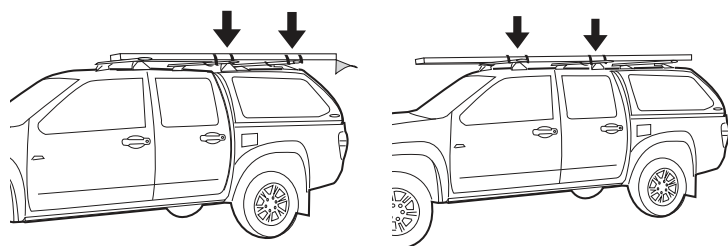


$$100\text{kg (220lbs)} \text{ (Urban Road)} = 66\text{kg (145lbs)} \text{ (Off Road)}$$

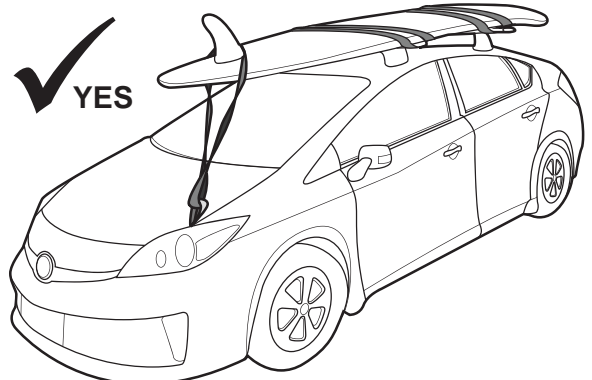


WARNING! Important Load Carrying Instructions

With utility vehicles, the cabin and the canopy move independently. Roofracks and vehicle can be damaged if the item transported is rigidly fixed at points on both the cabin and canopy. Instead, rigidly fix to either the cabin roofracks or the canopy roofracks.



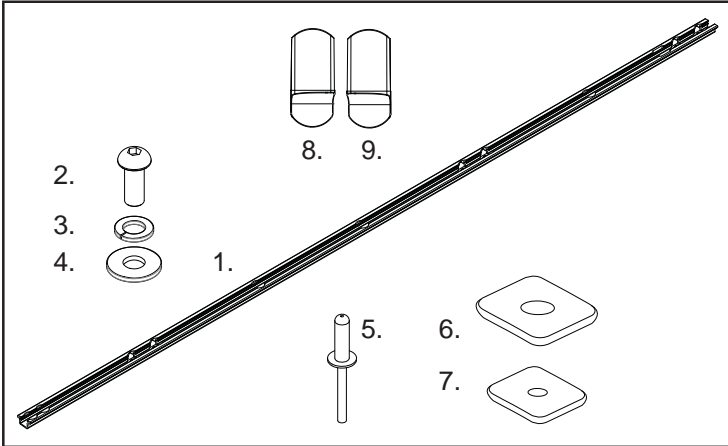
Paddle/ Surfboards should be fixed to the front of the vehicle.





RTS536 Toyota Prado 150 Track Mount

Parts List



9Item	Components	Qty	Part No.
1	Prado Tracks (pair)	1	A702
2	M8 x 25mm Button Head Screw	12	B140
3	M8 x 17mm Flat Washer	12	W020
4	M8 Spring Washer	12	W019
5	Rivet	10	H008
6	M5 Butyl Patch	10	CA1397
7	M8 Butyl Patch	12	CA1260
8	Track End Cap	2	M214
9	Track End Cap	2	M215
10	Allen Key 5mm	1	H021
11	Instructions	1	R756

Tools Required:

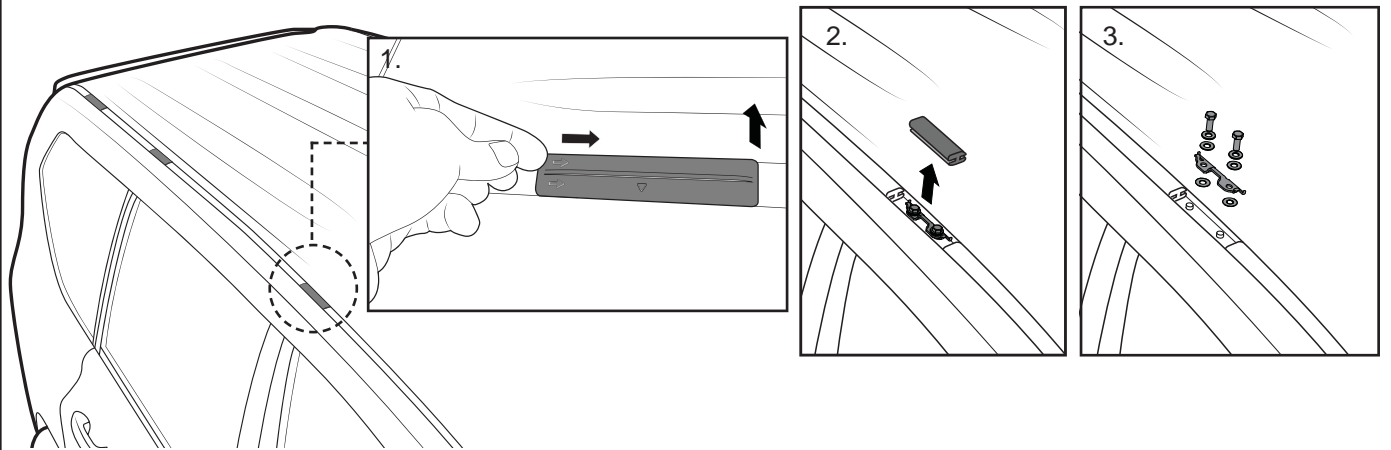
- 1. Flat Blade Screw Driver
- 2. Measuring Tape.
- 3. Masking Tape
- 4. Cold Galvanising Paint
- 5. Pneumatic Rivet Gun.
- 6. Socket Set.

Note:

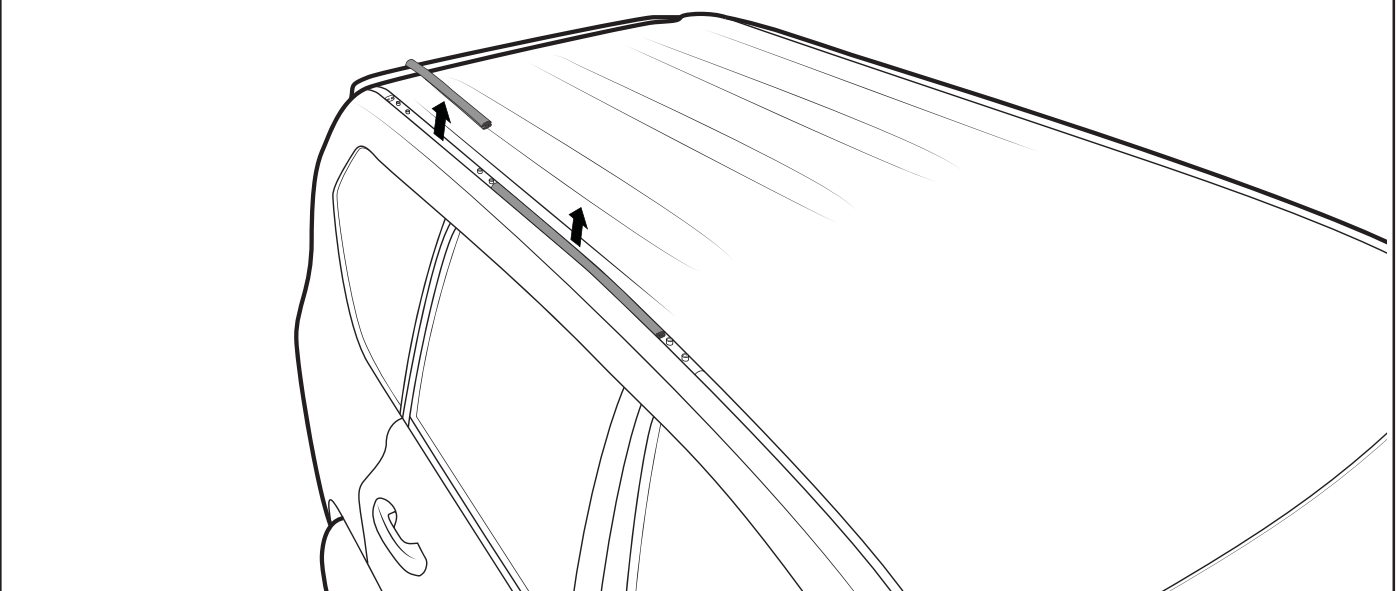
RTS536 is suitable for both bare roof vehicles and those with factory rails.

Instructions (No Factory Rails)

- 1** Move to the roof of the vehicle. If your car is not fitted with factory roof rails, remove the six mounting point covers (three per side). Remove by sliding cover forward and lifting out. Remove the two M8 bolts, washers and bracket. Note that these are not required to fit the track, store these in a safe place.



- 2** Carefully remove the ditch rubber from both sides of the vehicle. Clean out any material that is present in the ditch.

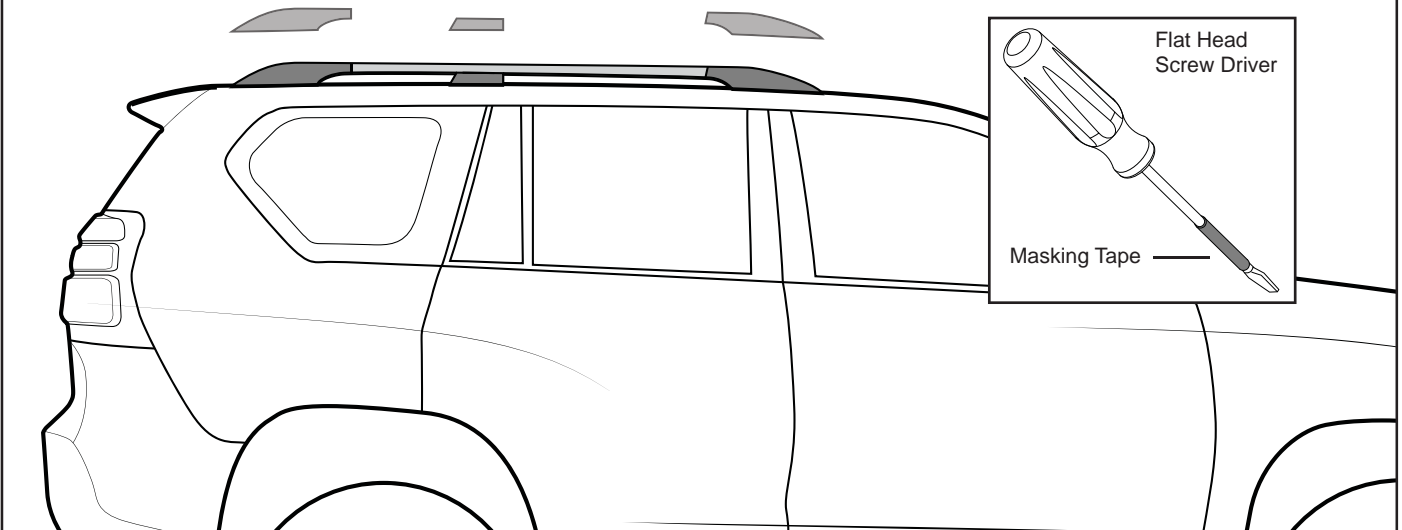




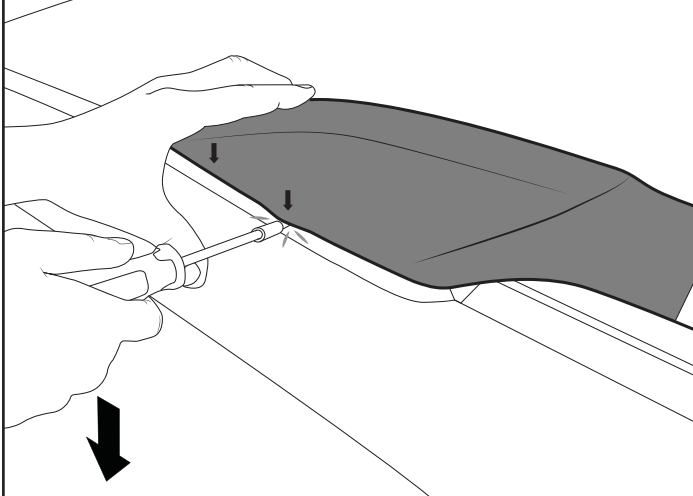
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Instructions (Factory Rails)

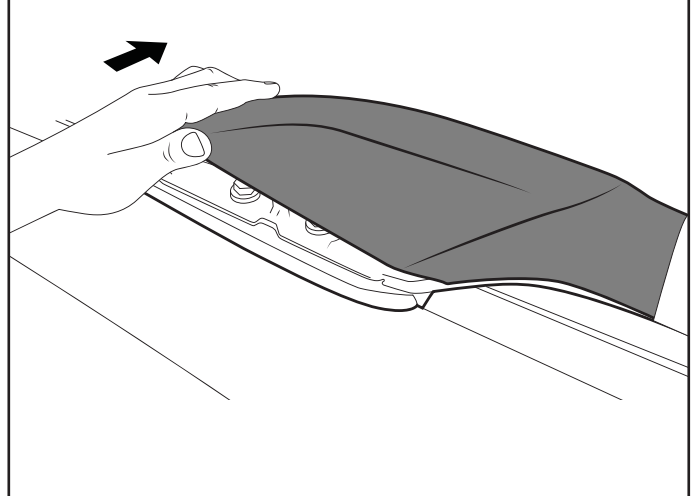
- 1** If the Toyota Prado 150 has factory elevated roof rails you will need to remove these before installing the track. To access the hardware fixing the roof rails to the roof, you must first remove the plastic covers. You will need a flat head screwdriver to pry the plastic covers off. To minimise potential damage to the vehicle, it's recommended to pad the metal shaft of the screwdriver with multiple layers of masking tape. This will pad the screwdriver if it hits the bodywork of the vehicle.



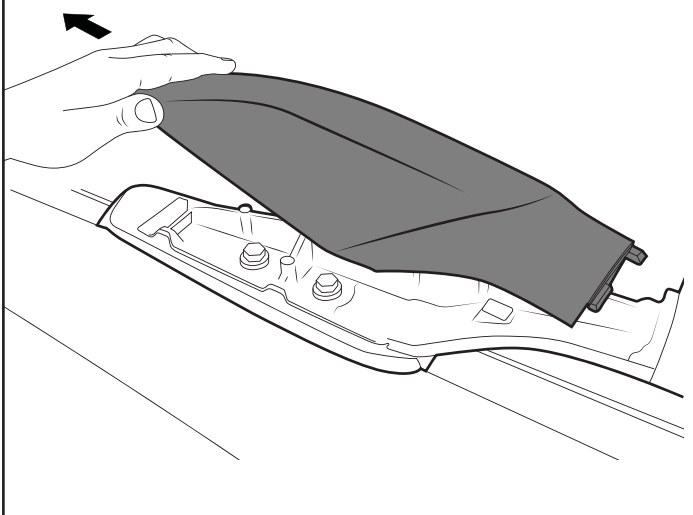
- 3** Using the tape covered screwdriver, unclip the two outside clips holding the covers onto the roof rails. You will need to flex the outside of the covers and find where the clips are resisting. Lever downwards until the clips pop out.



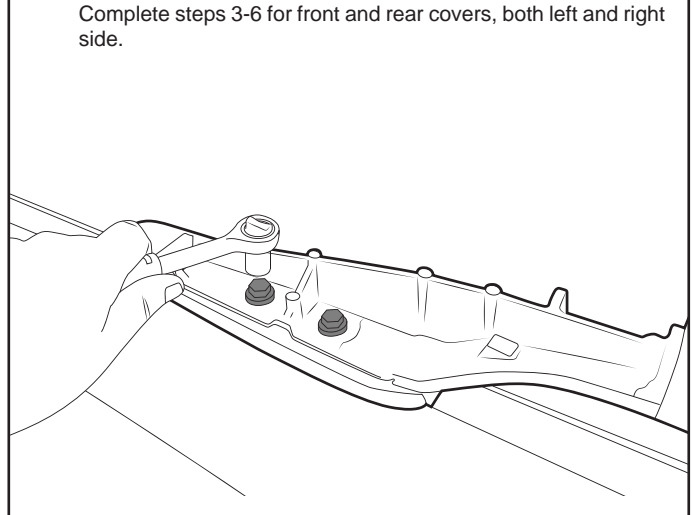
- 4** After the outside clips have popped out, push the front of the cover in towards the car. This will release the inside clips of the cover.



- 5** Once all clips have been released, pull cover forwards and up to remove completely.



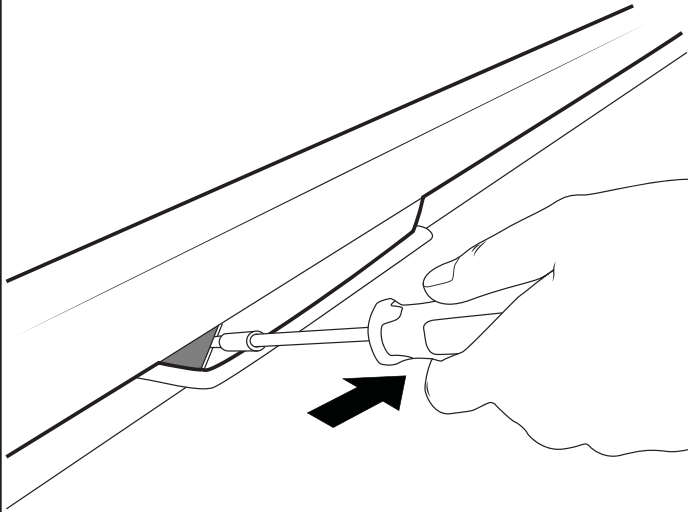
- 6** Remove all hardware holding down roof rails. Note that these are not required to fit the track, store these in a safe place. Complete steps 3-6 for front and rear covers, both left and right side.





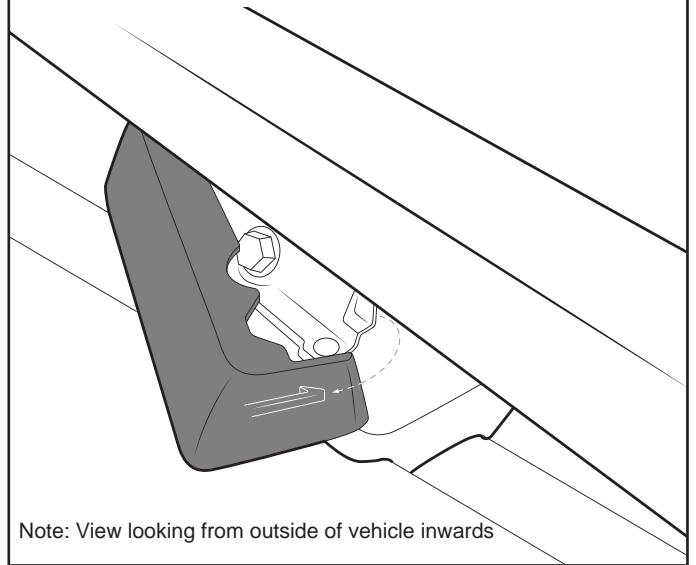
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- 7** Move to the centre fixture of the roof rail, lean over the rail and position the flat head screwdriver as indicated in image below. Lever the case so the inside clip releases (see Step 8)



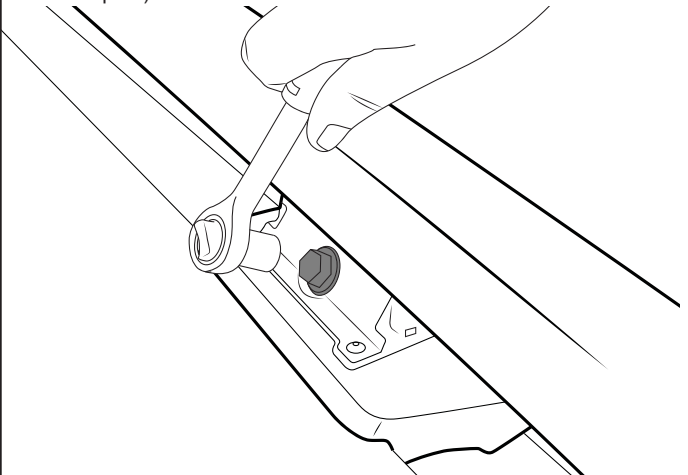
Note: View looking from centre of vehicle outwards

- 8** After one clip has released, pull outwards and remove entire car, revealing hardware fixing centre of elevated roof bars.

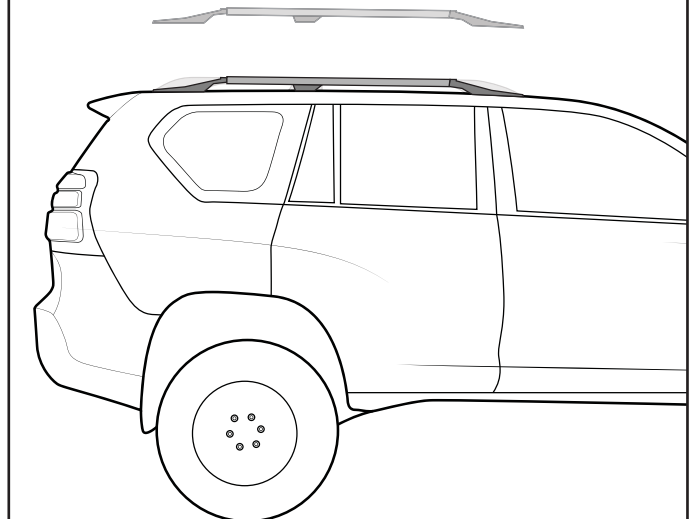


Note: View looking from outside of vehicle inwards

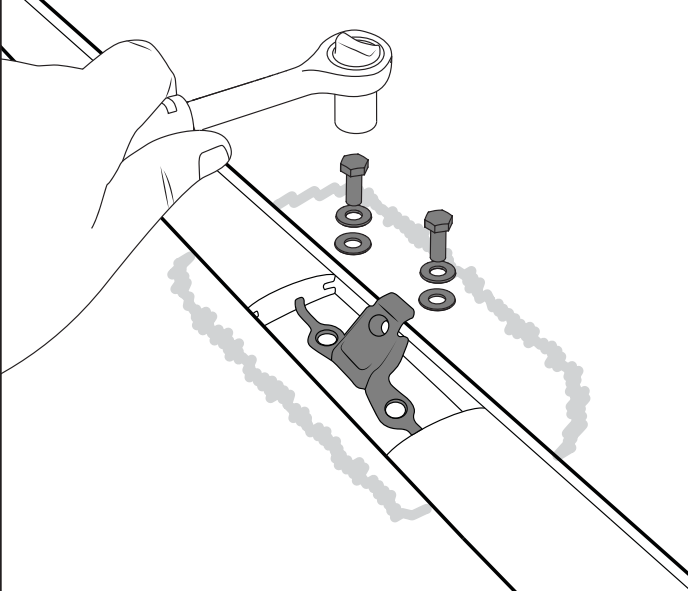
- 9** Remove exposed bolt completely. After removing the bolt, the roof rail is ready to be lifted carefully off of the roof. There will still be hardware to remove from the centre fixing point (see Step 10)



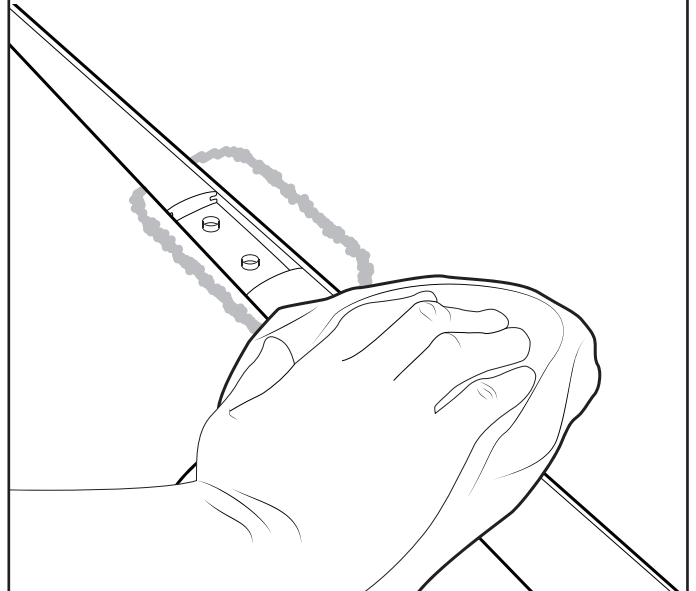
- 10** Carefully lift directly upwards and remove the elevated roof rail from the roof.



- 11** Once the rail has been removed, loosen and remove remaining hardware from middle fixing points.



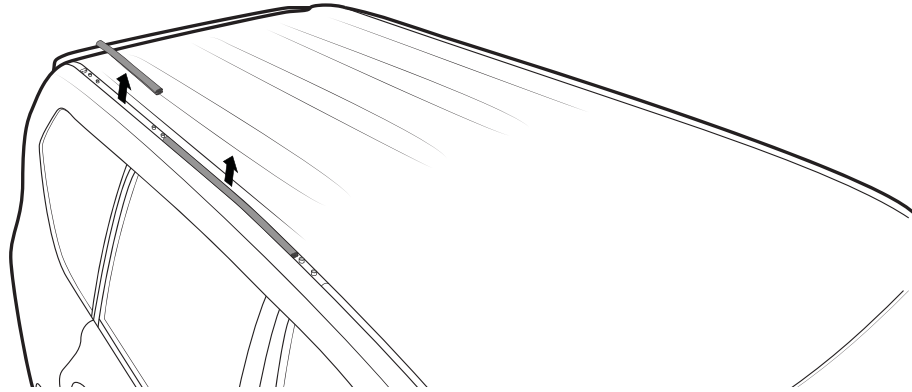
- 12** Whilst the roof is bare, take the time to remove any dirt that may have built up underneath the rubber seals.





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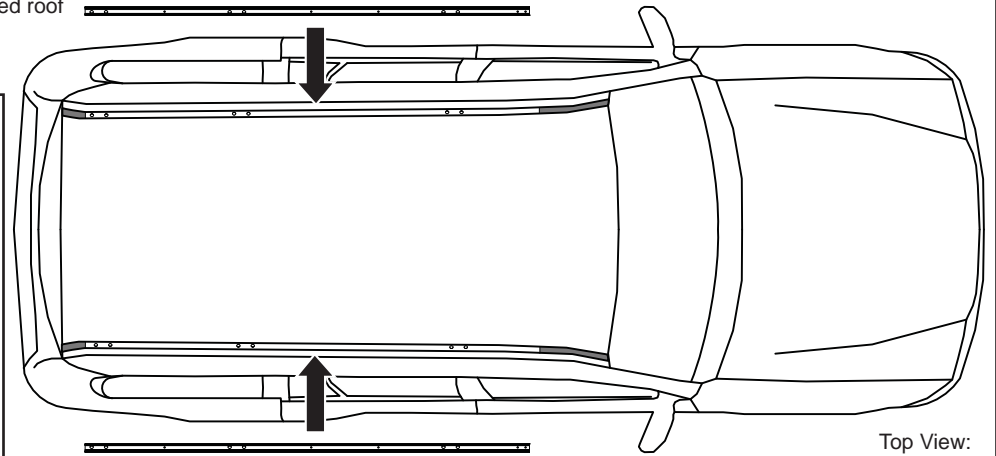
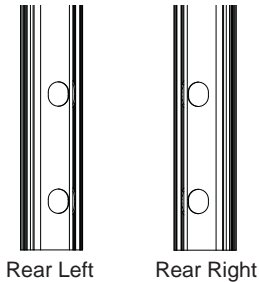
13 Carefully remove the ditch rubber from both sides of the vehicle. Clean out any material that is present in the ditch.



Instructions (Track Fitment)

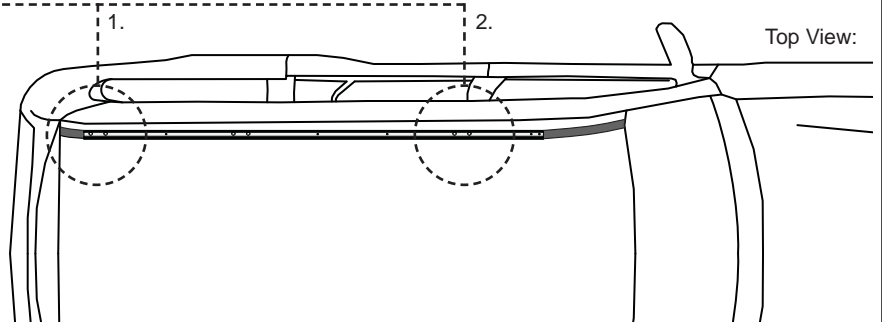
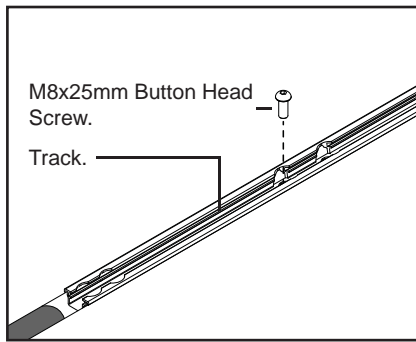
1 Place the Tracks into the uncovered roof ditch.

Be sure to use correct orientation for the tracks



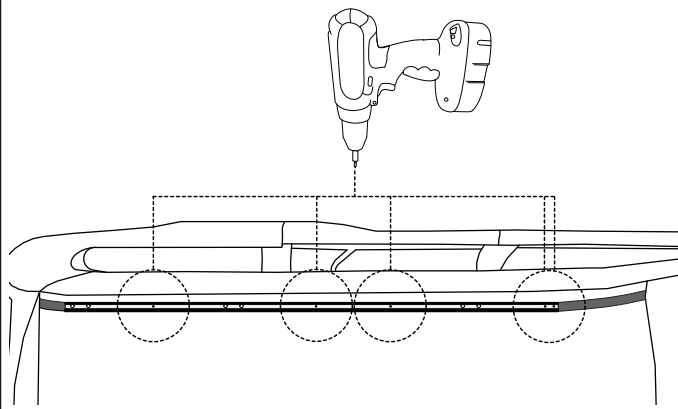
Top View:

2 With the Tracks in the correct orientation, fix in place with two M8 x 25mm Button Head Screws. Finger tighten one at the very rear of the Track first, then carefully flex the rest of the Track into position. Finger tighten a second screw at the front most M8 mounting point.

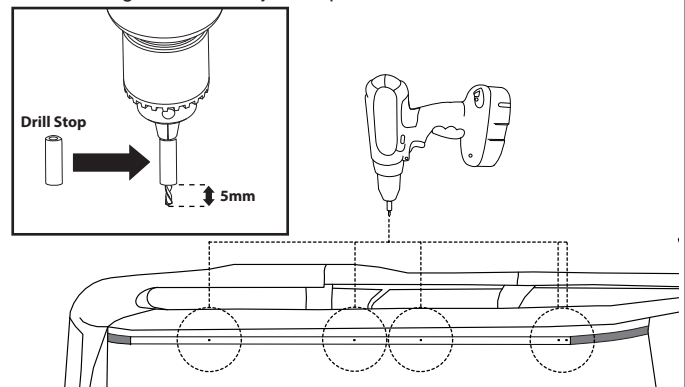


Top View:

3 Spot drill all rivet holes with a 5mm drill bit. Do not drill through the ditch completely.



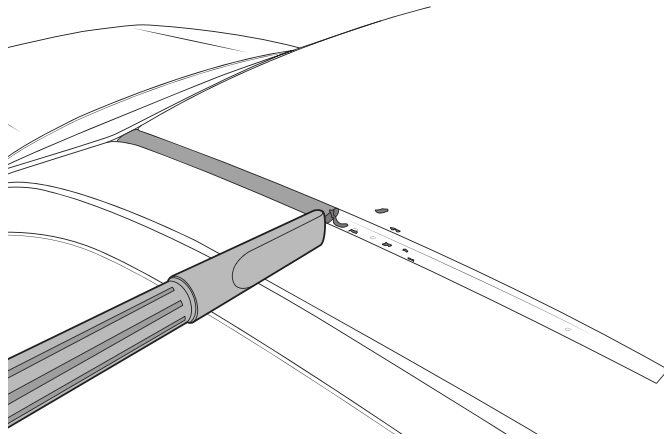
4 Remove the Tracks drill through the spot marks previously made. Use a drill stop set to 5mm. If the drill does not clear through the ditch adjust stop in 1-2mm increments.



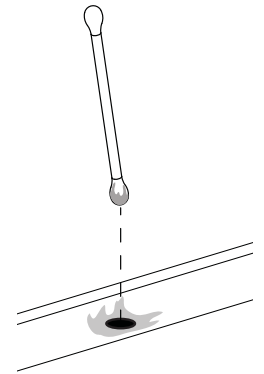
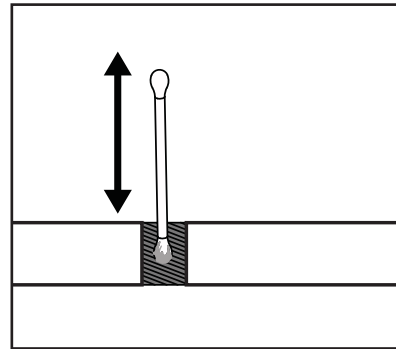


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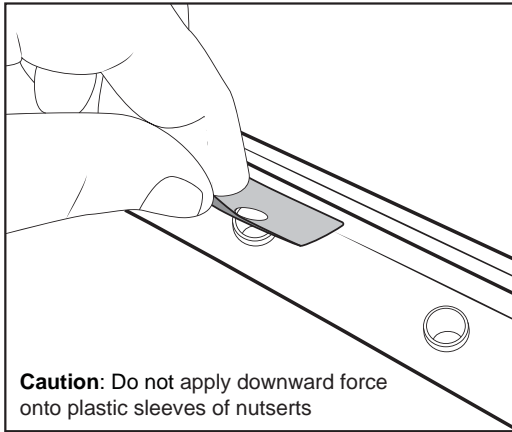
5 Vacuum any swarf from the roof.



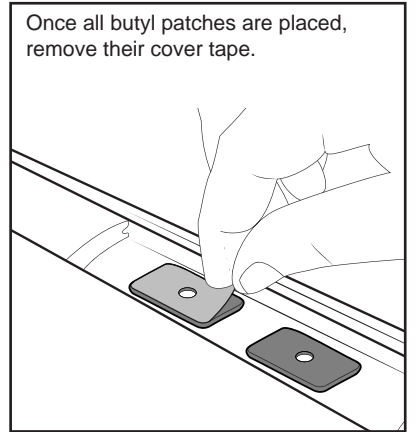
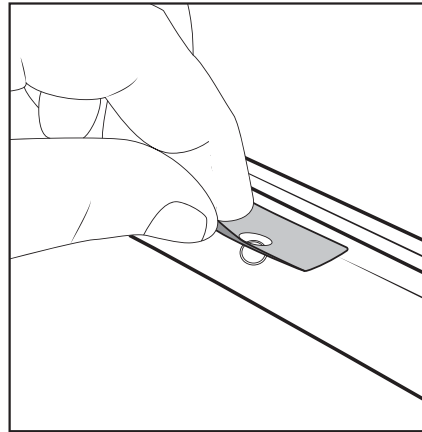
6 Using a cotton bud and cold galvanising paint, cover all drilled areas of the roof ditch liberally.



7 Remove backing tape of the M8 butyl patches and position over the top of mounting holes. Ensure patch has adhered to channel surface securely. Remove the backing tape from the M5 butyl patches and position over all the holes previously drilled.

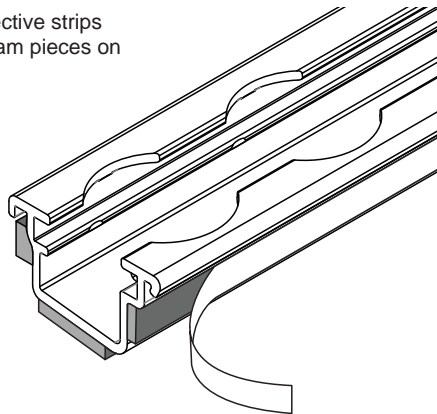


Caution: Do not apply downward force onto plastic sleeves of nutserts

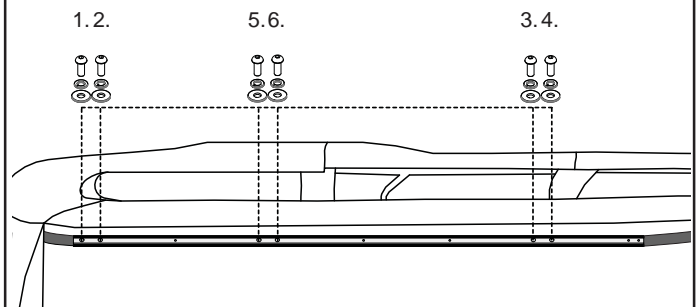


Once all butyl patches are placed, remove their cover tape.

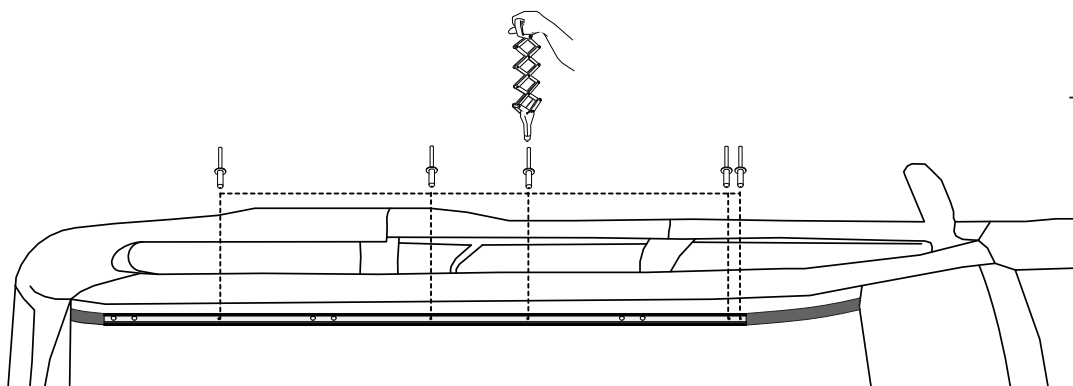
8 Remove the protective strips from the three foam pieces on the Tracks.



9 With help carefully place the tracks into place. Using M8x25mm Button Head Screw and M8 Spring and Flat Washers, fix the Track into place in the following order.



10 Using a concertina or pneumatic rivet gun, fix the Tracks down with rivets provided.

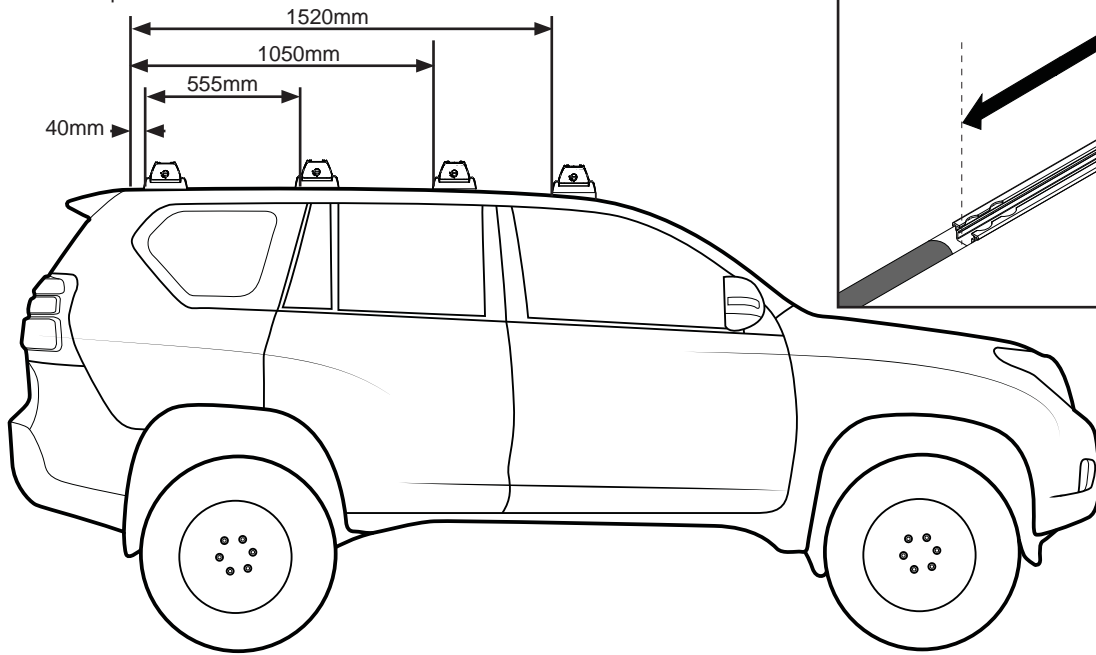


Top View:



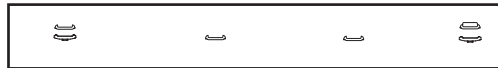
RTS536 Toyota Prado 150 Track Mount

Note: Install RLT600 Crossbars and Legs as per individual instructions. Note the spacer kits required below.



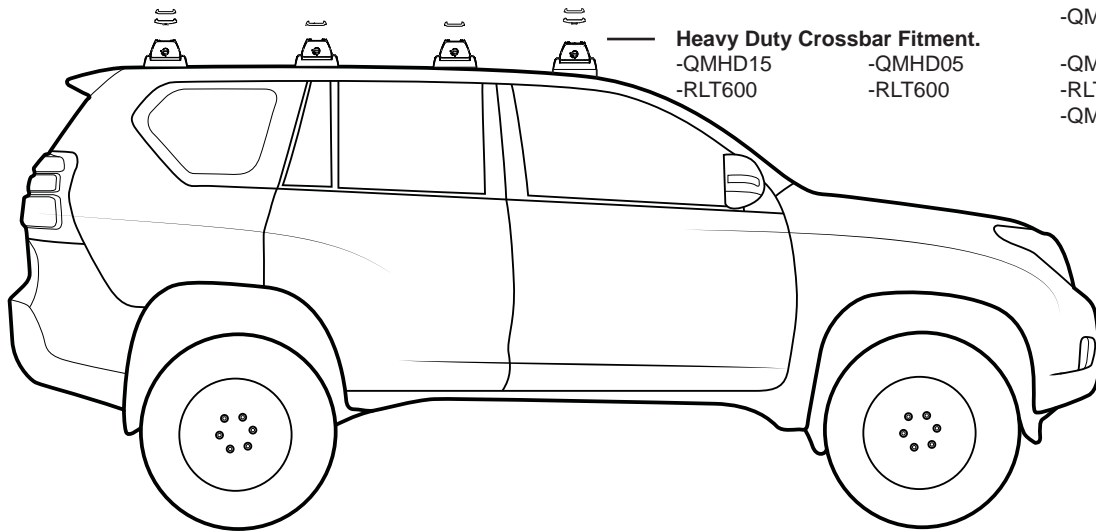
Vortex Crossbar Fitment.

- | | | |
|---------|---------|---------|
| -QMVA10 | -N/A | -QMVA10 |
| -RLT600 | -RLT600 | -RLT600 |
| | | -QMW05 |



Pioneer Fitment.

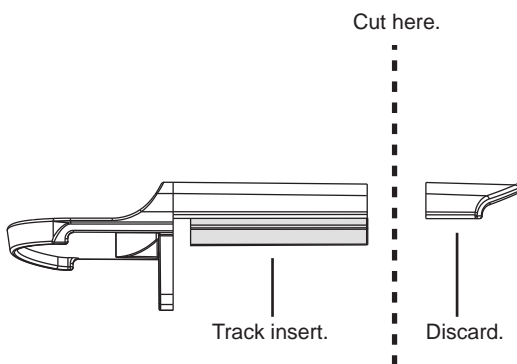
- | | | |
|---------|---------|-----------|
| -QMHD15 | -QMHD05 | -QMPLHS01 |
| -RLT600 | -RLT600 | -RLT600 |
| | | -QMW05 |



Heavy Duty Crossbar Fitment.

- | | | |
|---------|---------|---------|
| -QMHD15 | -QMHD05 | -QMHD15 |
| -RLT600 | -RLT600 | -RLT600 |
| | | -QMW05 |

11 Cut off the end of one M214 and M215 in line with its track insert. These will be fit at the rear of the Tracks.



Side view.

12 Insert Track End Caps. Ditch Rubber can be cut and shortened to aid in completion.

M214 - Front Right, Rear Left

M215 - Front Left, Rear Right

