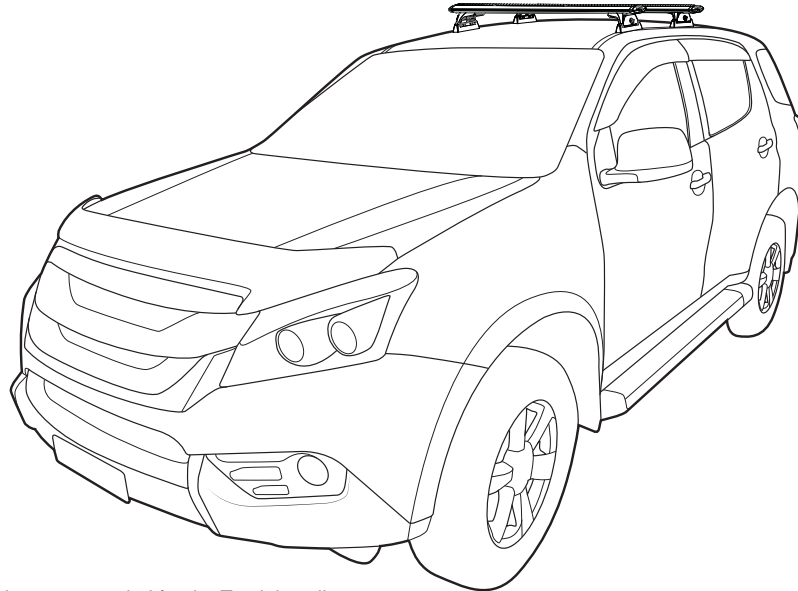




# RHINO-RACK

## RTS532 ISUZU MU-X LS-U & LS-M Track Mount



Assistance from a second person is recommended for the Track install.

Please read these instructions carefully prior to installation.  
Check the contents of kit before commencing fitment and report any discrepancies.  
Please refer to your fitting instruction to ensure that the roof racks are installed in the correct locations.

### Important Information

**Maximum Load Capacity: 100kg (220lbs)**

**Install Time: 2 Hours**

**Recommendations:**

It is essential that all bolt connections be checked after driving a short distance when you first install your crossbars. Bolt connections should be checked again at regular intervals (probably once a week is enough, depending on road conditions, usage, loads and distances travelled). You should also check the crossbars each time they are refitted. Make sure to fasten your load securely with tie down straps or non stretch ropes. Please ensure that all loads are evenly distributed and that the centre of gravity is kept as low as possible.

**Please remove crossbars when putting vehicle through an automatic car wash.**

**Load Ratings:**

Maximum permissible load is **100kg (220lbs)** for Two or Three crossbars including the weight of the crossbars, Two crossbars = 5kg (11lbs) or three crossbars = 7.5kg (16.5lbs). When crossbars are to be used in off-road conditions, please build a safety factor of 1.5 into this load limit for off-road use. **66kg (145lbs)** for off-road use. Although the crossbars are tested and approved to AS1235-2000, off-road conditions can be much more rigorous. However, 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 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

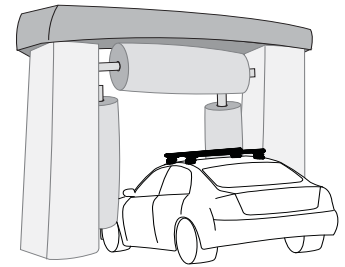
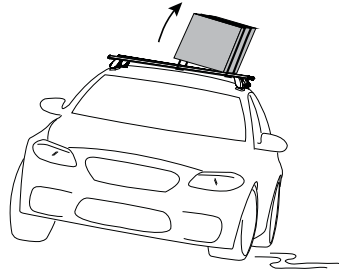
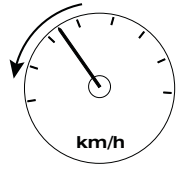
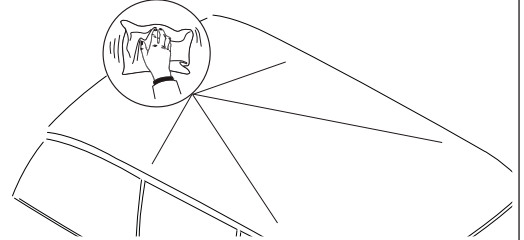
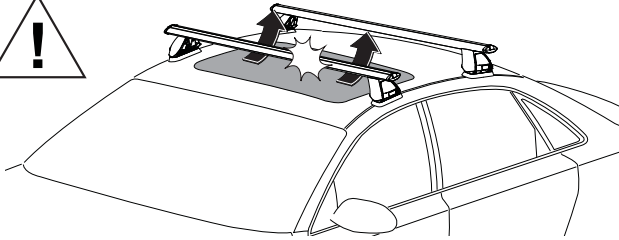
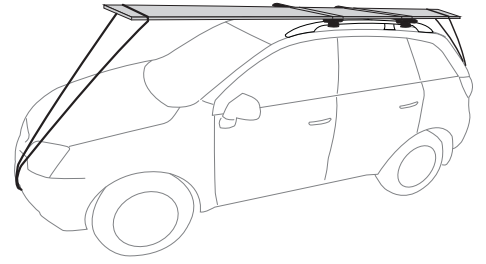
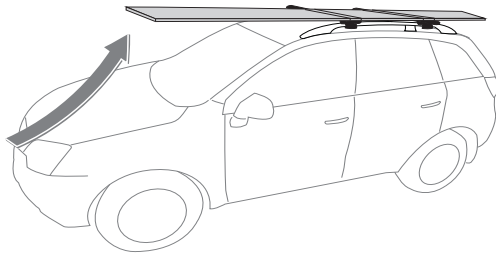
Document No: R679  
Prepared By: Kayle Everett  
Authorised By: Chris Murty

Issue No: 02  
Issue Date: 28/09/2015

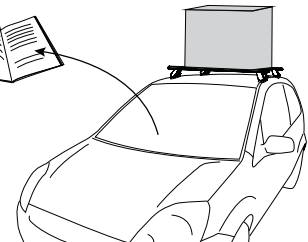
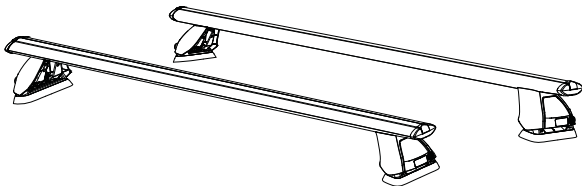
These instructions remain the property of Rhino-Rack Australia Pty. Ltd. and may not be used or changed for any other purpose than intended.



# RTS532 Isuzu MU-X LS-U & LS-M Track Mount

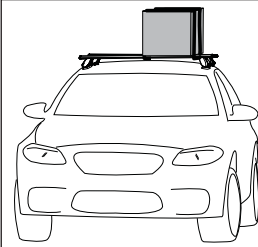
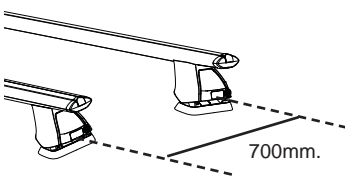


2 x Crossbars = 5.0kg (11lbs)

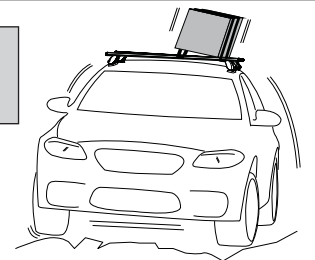


? kg

Min bar spacing for 2 bars is 700mm.

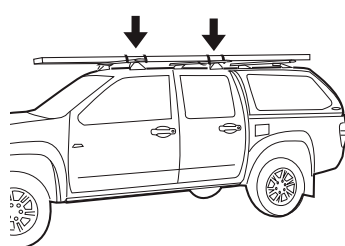
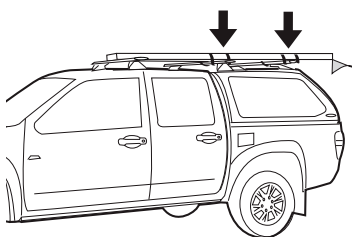


100kg (220lbs) = 66kg (145lbs)  
(Urban road) (Off road)



## WARNING! Important Load Carrying Instructions

With utility vehicles, the cabin and the canopy move independently. Roof racks 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 roof racks or the canopy roof racks.



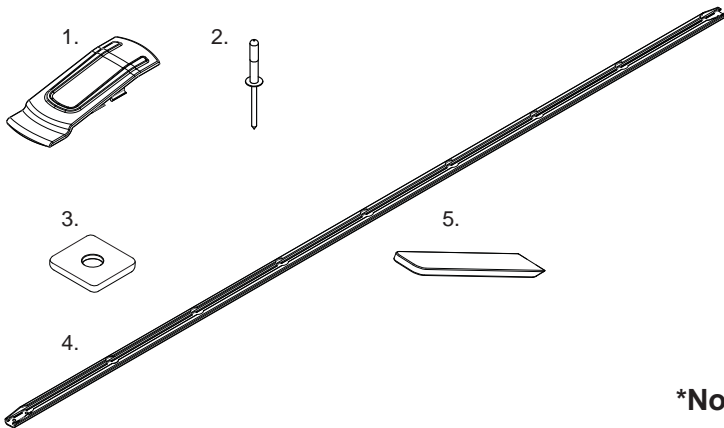
Paddle Boards and Surfboards should be fixed to the front of the vehicle.





# RTS532 Isuzu MU-X LS-U & LS-M Track Mount

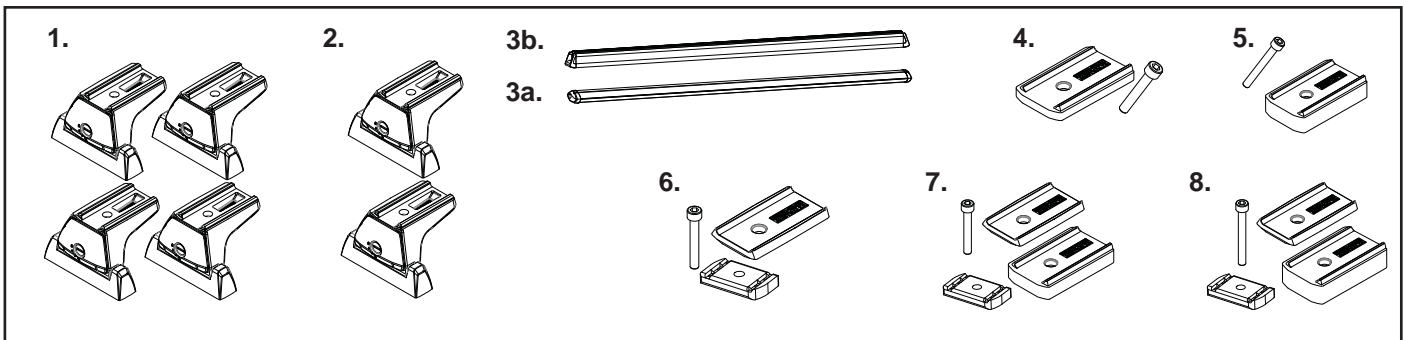
## RTS532 Parts List



| Item | Components              | Qty | Part No. |
|------|-------------------------|-----|----------|
| 1    | Track End Cap           | 4   | M758     |
| 2    | Rivet                   | 23  | H008     |
| 3    | Butyl Patch 20mm x 20mm | 23  | CA1397   |
| 4    | MU-X Track 1700mm       | 2   | A662     |
| 5    | Nylon Scraper           | 1   | C590     |
| 6    | Instruction             | 1   | R679     |

**\*Note:** Refer Page 8 for three Crossbar systems.

## Additional Parts Required to complete Roof Rack installation



| Item | Vortex Crossbars           | Qty 2 Bar | Qty 3 Bar | Part No.           |
|------|----------------------------|-----------|-----------|--------------------|
| 1    | Leg Kit                    | 1         | 1         | RLT600             |
| 2    | Leg Kit Half               | -         | 1         | RLT600H            |
| 3a   | Vortex Crossbars           | 2         | 3         | VA126B or VA126S   |
| 4    | Quick Mount VA 10mm Spacer | -         | 1         | QMVA10             |
| 5    | Quick Mount VA 15mm Spacer | -         | 1         | QMVA15             |
| Item | Heavy Duty Crossbars       | Qty 2 Bar | Qty 3 Bar | Part No.           |
| 1    | Leg Kit                    | 1         | 1         | RLT600             |
| 2    | Leg Kit Half               | -         | 1         | RLT600H            |
| 3b   | Heavy Duty Bars            | 2         | 3         | RB1250B or RB1250S |
| 6    | Quick Mount HD 5mm Spacer  | 2         | 1         | QMHD05             |
| 7    | Quick Mount HD 15mm Spacer | -         | 1         | QMHD15             |
| 8    | Quick Mount HD 20mm Spacer | -         | 1         | QMHD20             |

### Tools Required:

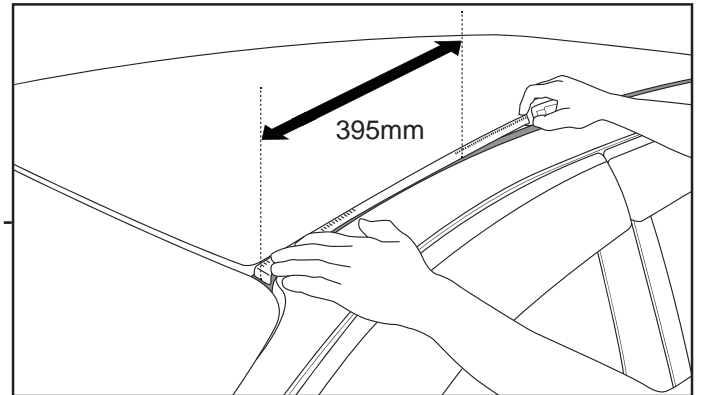
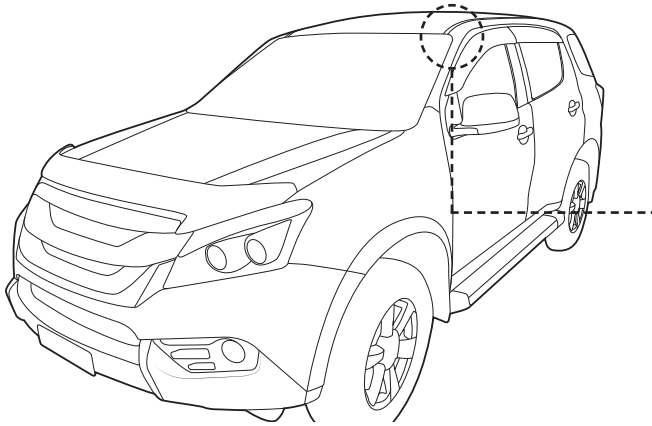
- Pneumatic rivet gun
- Power Drill
- 3mm drill bit & Drill stop
- 5mm drill bit & Drill stop
- Tin Snips
- Cold Galvanising Paint
- Cotton buds
- Tape measure
- Masking tape
- Marking pen
- Vacuum cleaner
- Cleaning rags
- Security Allen Key, included



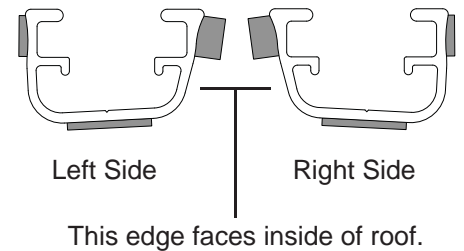
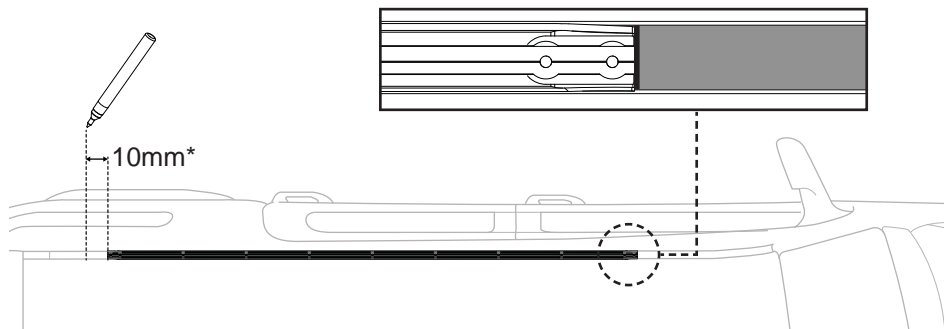
# RTS532 Isuzu MU-X LS-U & LS-M Track Mount

## Instructions

- 1 Move to the front end of the roof ditch. Measure 395mm back from the end of the ditch and mark a line on the ditch rubber with a pen.



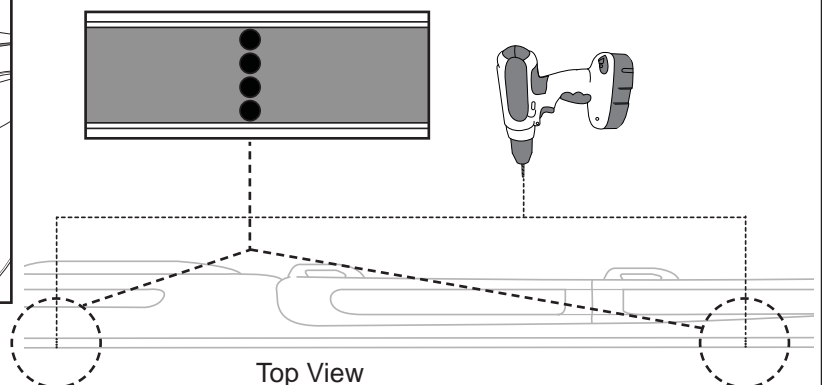
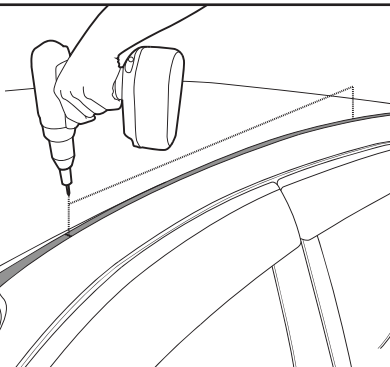
- 2 Place the correlating track into the roof ditch, lining the front of the track up with the mark made previous. With the track now in place measure 10mm back from the rear of the track and mark a line on the ditch rubber as shown.



\*Note: A 10mm gap is required for later steps, refer to step 16.

- 3 Using a 3mm drill bit with a drill stop, carefully drill through the rubber ditch on both marked lines without drilling into the body underneath. If the drill bit disturbs the painted surface coat the bare metal using Cold Galvanising paint. Three or Four holes can be drilled to facilitate the bending and breaking of the roof ditch mould.  
**Note: Rubber ditch mould contains stainless steel.**

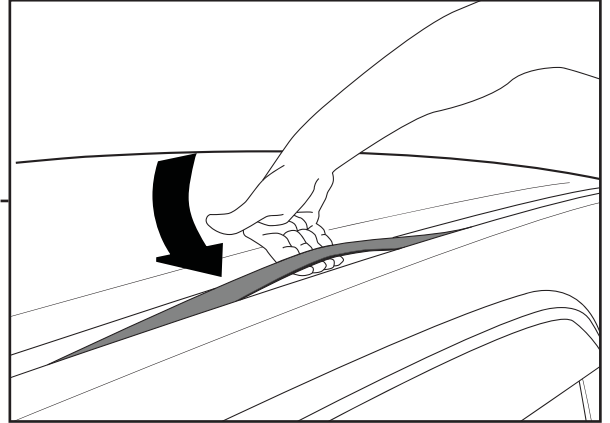
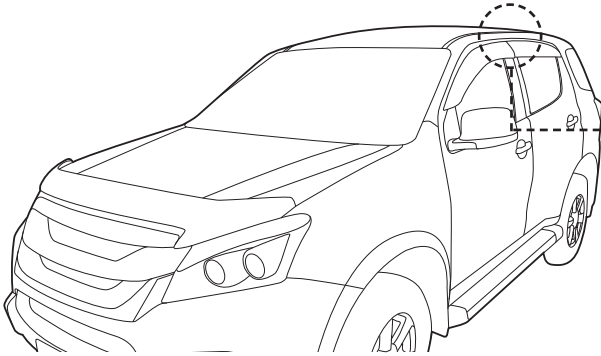
**Note:** Drill holes across the rubber along the line previously marked.



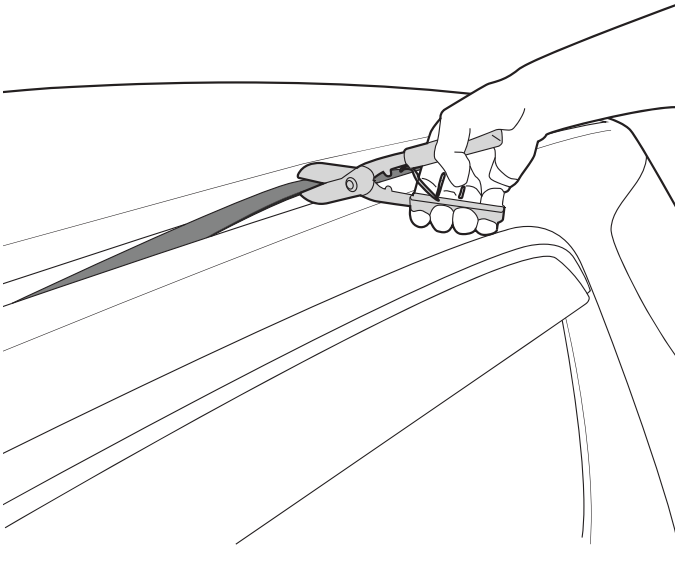


## RTS532 Isuzu MU-X LS-U & LS-M Track Mount

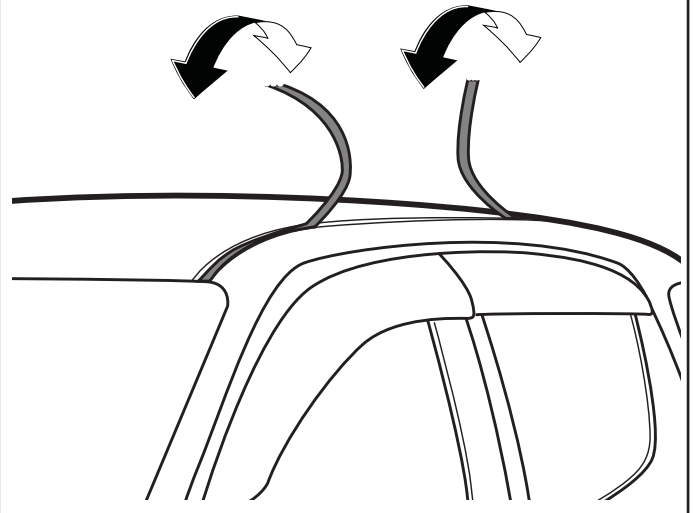
- 4** Move to the centre of the vehicle. Hook fingers under the ditch rubber and pull up. The ditch rubber is attached via double sided adhesive but will separate from the vehicle.  
**Note:** Do not to use a levering instrument as this will damage the vehicle.



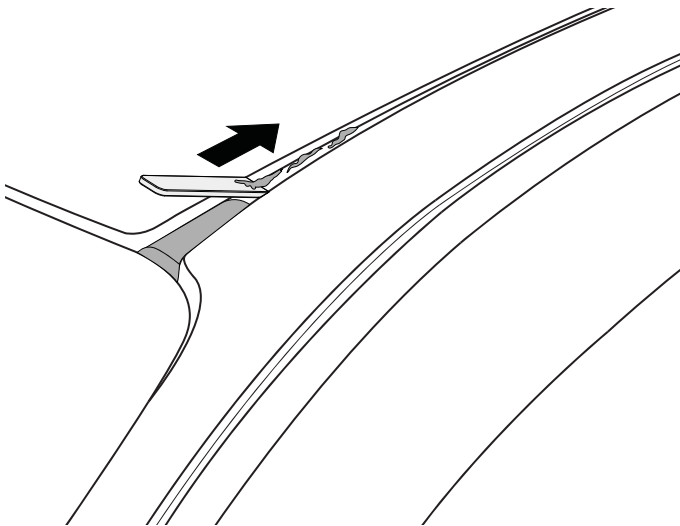
- 5** Using Tin snips, cut the rubber in the centre.



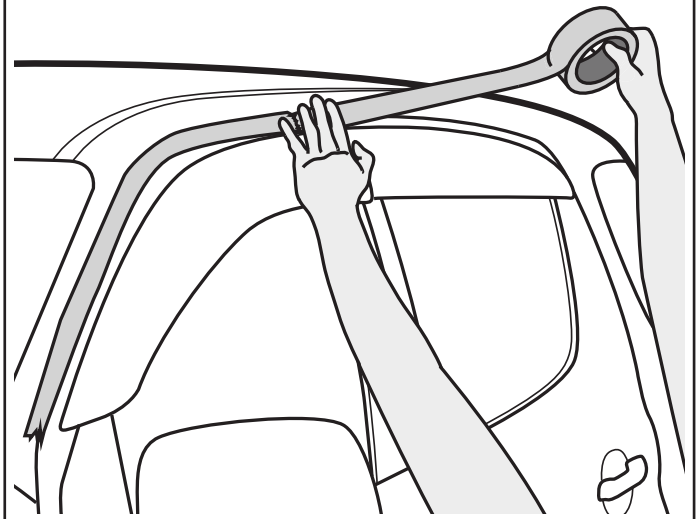
- 6** Support the roof trim by pushing down behind the drilled holes while bending the trim back and forth to break off at the drilled holes.



- 7** **Note:** Note: Remove all traces of adhesive tape using the Nylon Scraper supplied. This is to ensure the track sits flat against the roof. Use Cold Galvanising Paint on any exposed panel work from material removal.



- 8** **Note:** Using masking tape, cover the door edges to prevent swarf getting into hard to reach areas.

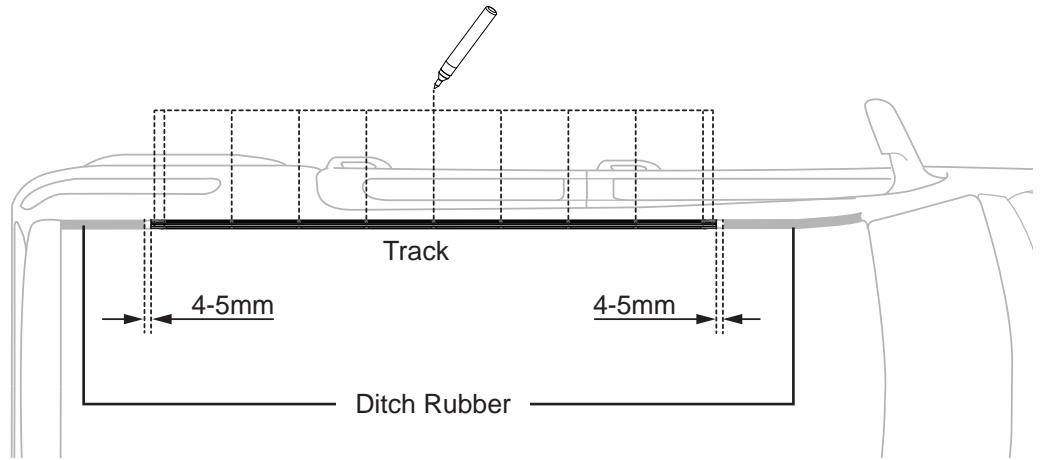




# RTS532 Isuzu MU-X LS-U & LS-M Track Mount

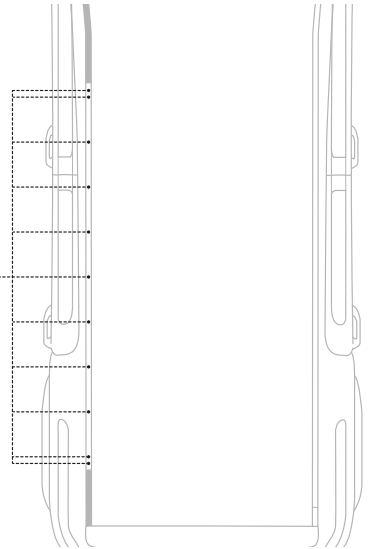
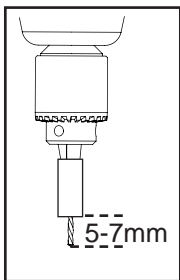
**9** Place each Track into the roof ditch and position 4-5mm either end of the gap in the roof ditch rubber. This will allow for end caps to be fitted. Using a marker or 5mm drill bit, spot mark each hole in the track onto the roof ditch.

**Note:**  
Mark all holes ensuring the track does not move. Assistance from a second person is helpful at this stage.

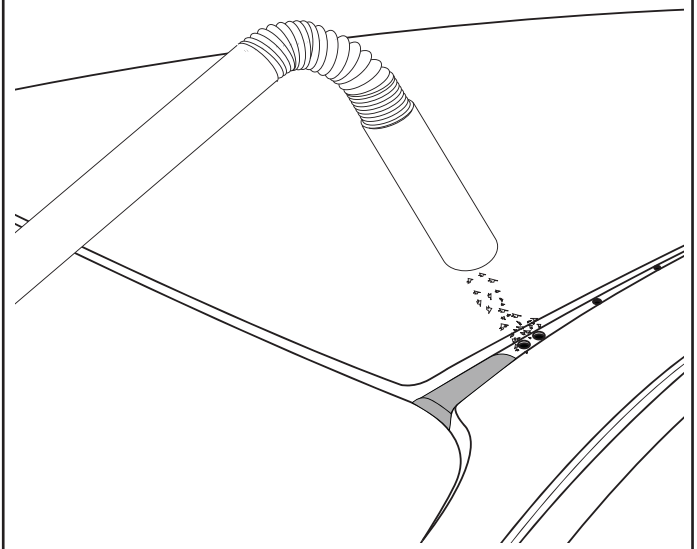


**10** Remove the tracks. 1: Using a 5mm drill bit and drill stop, carefully drill through the roof at all marked points.

1: 5mm  
Drill - 5mm  
Drill Stop



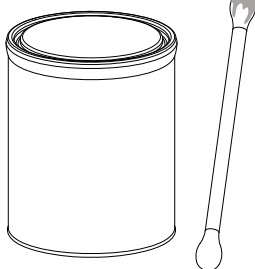
**11** Vacuum all swarf left from drilling. Do not leave any swarf as it will cause corrosion.



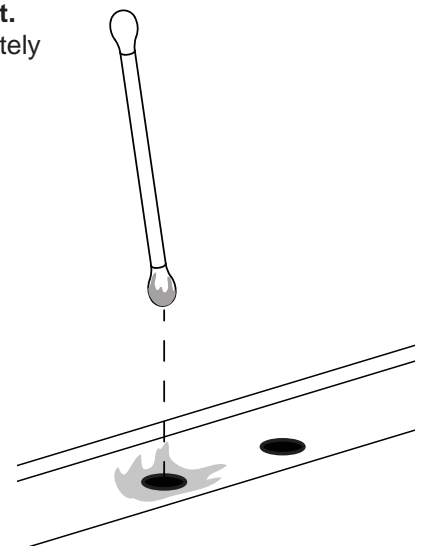
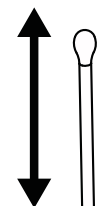
**IMPORTANT:** At this stage it is a good idea to lay the tracks back down then locate a rivet through each hole to double check alignment prior to applying Cold Galvanising Paint and Butyl Patches.

**12** After all holes have been drilled into the roof apply **Cold Galvanising Paint**. Make sure to spread around drilled hole as well as inside. Allow approximately 10min to dry. Weather conditions may alter drying time.

Use a cotton bud to apply Cold Galvanising Paint.



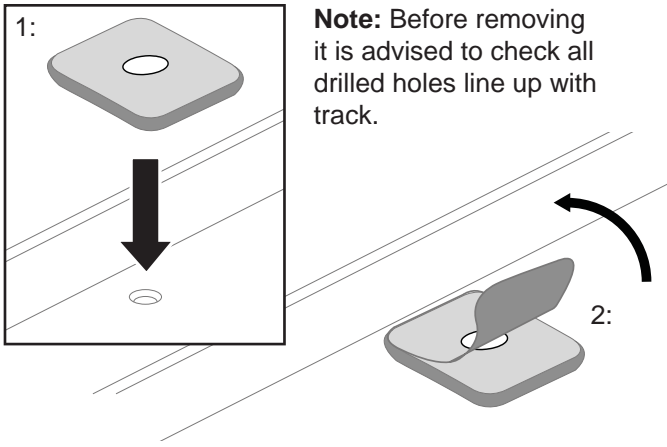
Apply the Paint inside **EACH** drill point. Make sure to cover the entire length of the hole.



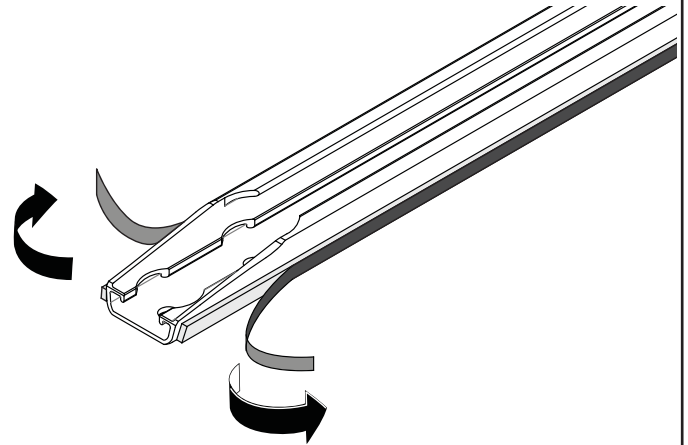


## RTS532 Isuzu MU-X LS-U & LS-M Track Mount

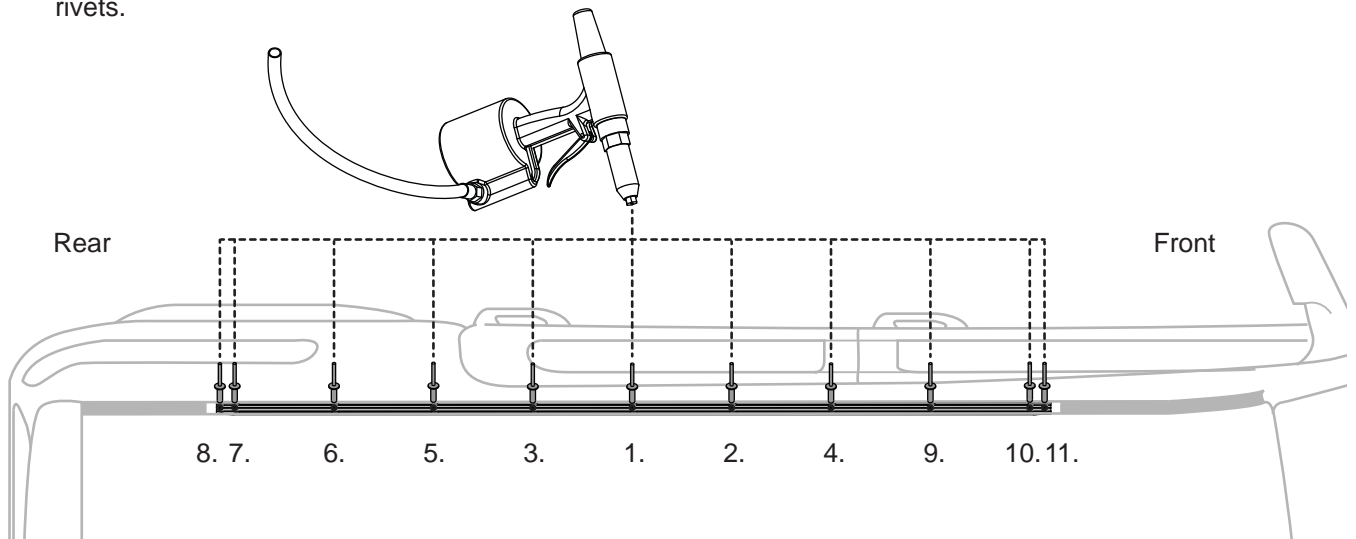
- 13** 1: Remove the backing tape from the Butyl Patches. 2: Place them over all holes drilled. Remove the tape from the top of the patches.



- 14** Remove the protective tape from the foam strips on the track.

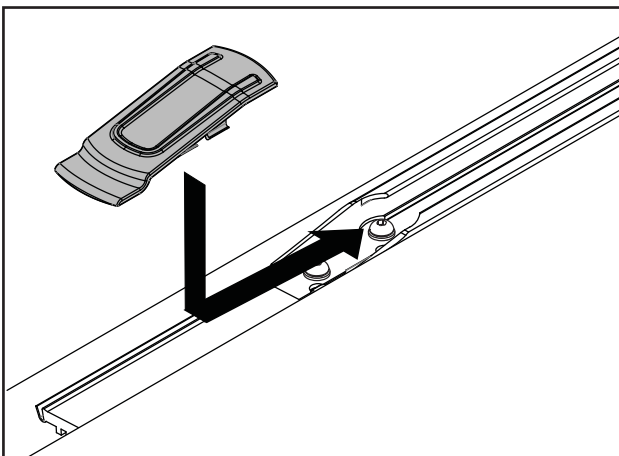


- 15** **Check track alignment carefully before starting.** Using a pneumatic rivet gun (not a small hand gun), rivet the track into place. Make sure all rivets are seated firmly onto the base of the track, downward pressure on the gun ensures the rivet is seated before compressing. Follow the numbered order below for seating the rivets.

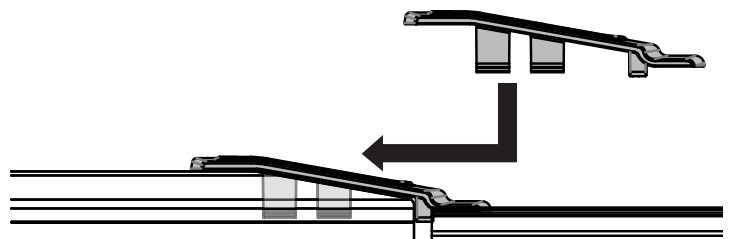


**Repeat steps 1 - 15 for the opposite side of the vehicle**

- 16** **Fit the legs and crossbars as per the instructions included in the respective kits.** Once the crossbars are secured in place, insert the Track End Caps into place as shown.



Slide or clip the End caps into each end of the tracks.





# RTS532 Isuzu MU-X LS-U & LS-M Track Mount

## 3 Crossbar Setup

For a 3 crossbar system additional spacer kits are required.  
Follow the guide below for positioning of Leg Height Spacers to have all bars level.

