

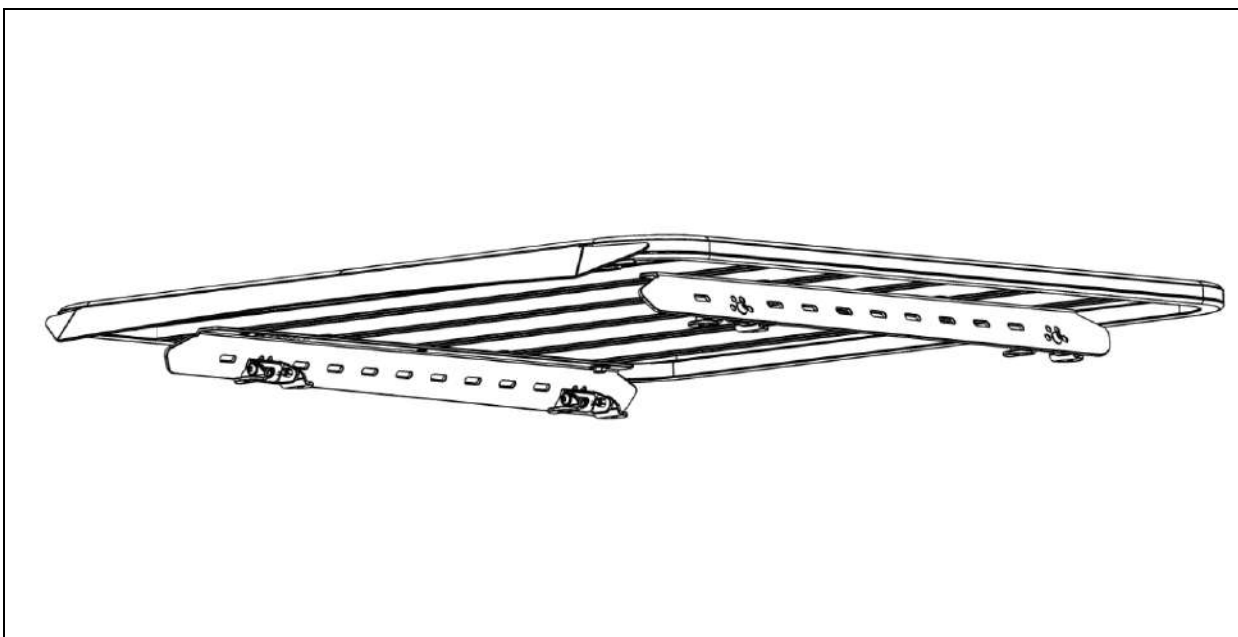


## TLRMAX14

(Toughbar for Maxliner)

Roof Rack(TLRAL14/FT/OE)

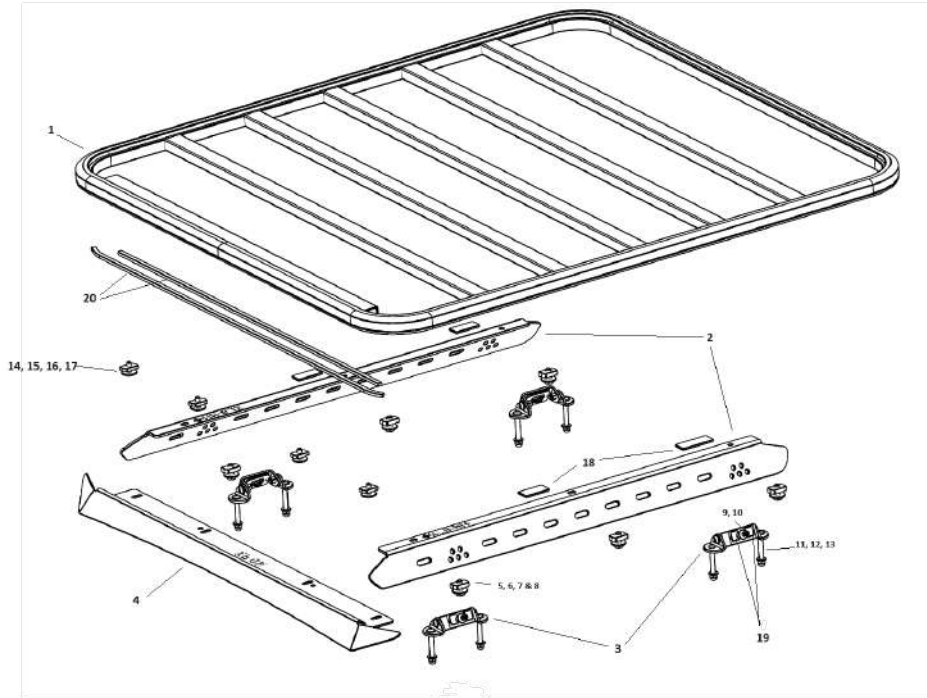
Wind Deflector(TLRWD9X)



Thank you for purchasing a TRACKLANDER 4WD ROOF RACK. Before you start, take a moment to familiarise yourself with the Fitting Instructions and the components received.

Refer to the next section for a list of all the components, quantities and tools required.

## What's inside the box



| No                                            | Item                                                            | Qty |
|-----------------------------------------------|-----------------------------------------------------------------|-----|
| *1                                            | Roof Rack(TLRAL18/FT/OE)                                        | 1   |
| 2                                             | Tough Bar X(Pair-XLB.M18)                                       | 1   |
| 3                                             | X-Bracket Quick Fit (XAB.MAX)                                   | 4   |
| *4                                            | Wind Deflector(TLRWD9X-Kit, includes *14, *15, *16, *17 & #20 ) | 1   |
| Note: Items marked with * are sold separately |                                                                 |     |
| Fasteners Kit for Tough Bar                   |                                                                 |     |
| 5                                             | M10 x 25mm Hex Bolt, S/S                                        | 6   |
| 6                                             | M10 Star Washer, S/S                                            | 6   |
| 7                                             | 3/8 x 1 Flat Washer S/S                                         | 6   |
| 8                                             | M10 Strut Nut                                                   | 6   |



| Fasteners for XAB.MAX |                                             |    |
|-----------------------|---------------------------------------------|----|
| 9                     | 3/8 x 3/4 Flat Washer, S/S                  | 4  |
| 10                    | M10 x 25mm, Button CapSocket Head Screw, SS | 4  |
| 11                    | M8 x 70mm Button Cap Socket Head Screw,SS   | 8  |
| 12.1                  | 5/16x 3/4, Flat Washer, S/S                 | 16 |
| 12.2                  | M8 Spring Washer, SS                        | 16 |
| 13                    | M8 Dome Nut                                 | 8  |

| Fastener Kit for Wind Deflector |                                                                                              |   |
|---------------------------------|----------------------------------------------------------------------------------------------|---|
| *14                             | M8 Star Washer, S/S                                                                          | 4 |
| *15                             | M8 x 25mm Button Cap Socket Head Screw, S/S                                                  | 4 |
| *16                             | <sup>5</sup> / <sub>16</sub> X 1 <sup>1</sup> / <sub>4</sub> , Flat washer, S/S              | 4 |
| *17                             | M8 Strut Nuts, Z/P                                                                           | 4 |
| Foam Pad                        |                                                                                              |   |
| #18                             | Acoustic Foam Tape,(60x40x3mm) Affix to Toughbar, 2 per side                                 | 4 |
| #19                             | Bracket Foam Pad, Affix to mating face of XAB.Max                                            | 4 |
| #20                             | Acoustic Foam Tape, (1100, FS126-9), Affix underneath the front cross member of the Toughbar | 2 |

Note: \*14, '15, '16, \*17 & #20 are provide only for purchase of a complete kit



| Tools required              |
|-----------------------------|
| 5mm Hexagon Wrench/Key, M8  |
| 6mm Hexagon Wrench/Key, M10 |
| Size 17mm Spanner           |
| Measuring Tape              |
| Fula Seal 780               |
| Loctite Threadlocker Blue   |

| Recommended Torque Setting for fasteners |  |
|------------------------------------------|--|
| M6                                       |  |
| M8                                       |  |
| M10                                      |  |

**Step 1: Remove the pair of factory fitted rails from the Maxliner canopy and clean off any residual sealing material exposed on the canopy top**

**Step 2: Remove the chrome bushing from the fixing hole with a long nose plier and replace with the black bushing as shown:**

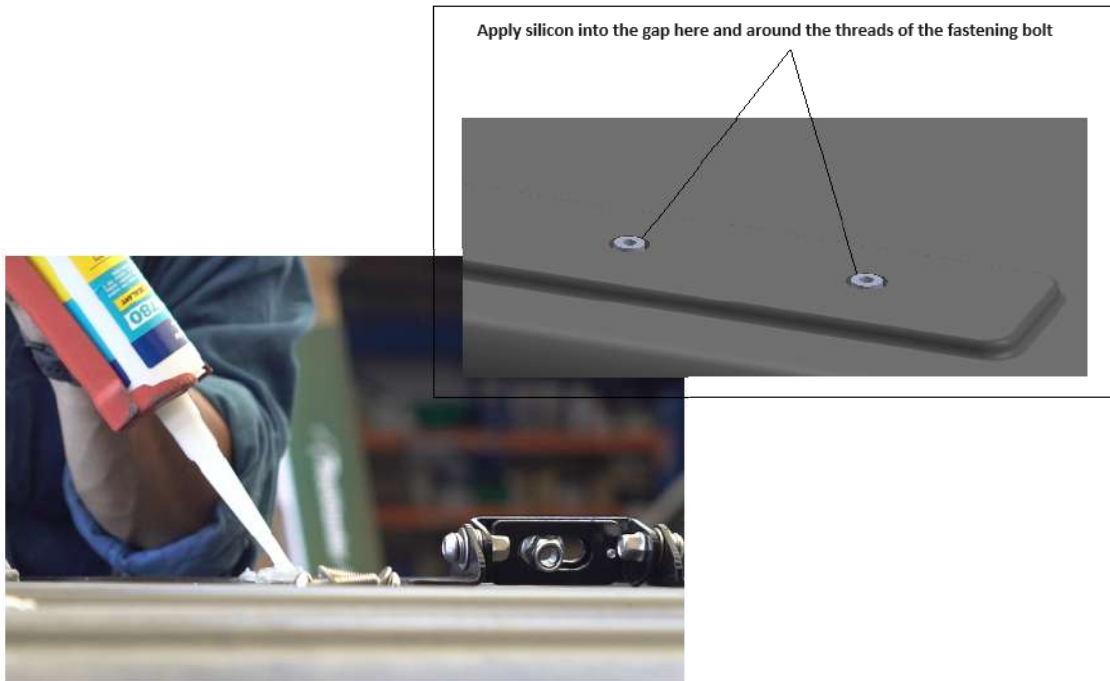


**Step 3: Install the TLRABMAX Toughbar brackets onto the canopy top through the original mounting holes on the canopy.**

- Make sure the bracket sits at its lowest position (If it sits taller, rotate the U-bracket to the opposite side to achieve the lowest possible position)



- Apply silicon sparingly around and into the fixing holes to seal the gaps between bushing and canopy



- Align the bracket with the mounting holes and secure using the M8 x 70mm socket screws provided. (Remember to insert the M8 spring washer follow by the  $\frac{5}{16}$  x  $\frac{3}{4}$  Flat Washer into the M8 socket screw )



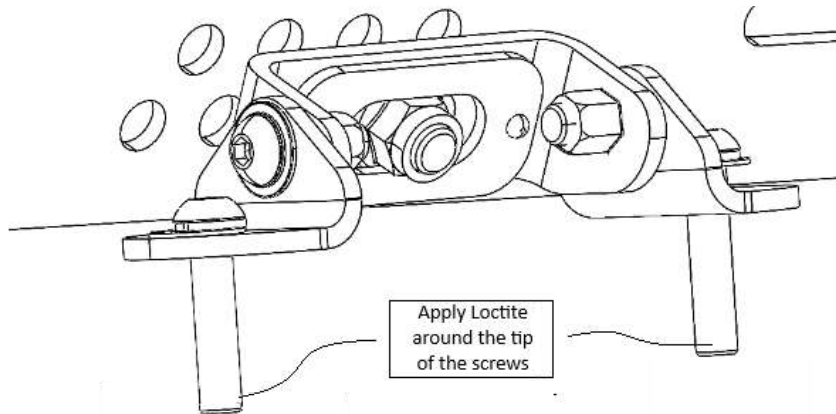
- Make sure that the M8 x 70mm socket screws penetrate through the holes found on the tubing underneath the canopy.

\*Tips:

Due to the manufacturing allowance, the fitting holes may not be 100% aligned for some systems. If this occurs, widen the holes on the tubing from the underside of the canopy using a diameter 9mm drill bit.

Do not drill through the threaded region of the hole. You may need to re-tap the M8 threaded hole on the canopy to ensure smooth entry of screw thread.

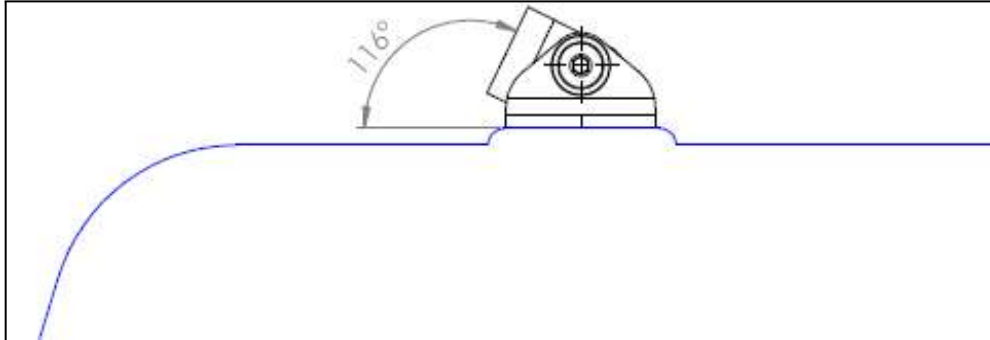
- Apply **Loctite Threadlocker Blue** around the tip of the M8 x 70mm socket screws.



- Insert the Flat Washer followed by the Spring Washer before tightening with the M8 Dome Nut.



- Adjust the bracket to the angle prescribed below:



- Secure into position by tightening the M8 button cap socket screw found on each side of the bracket.





**Step 4: Applying Acoustic Foam Pad onto the XABMAX bracket**

- Peel away and discard the center portion of the foam pad



- Cut the Acoustic Foam Pad into half



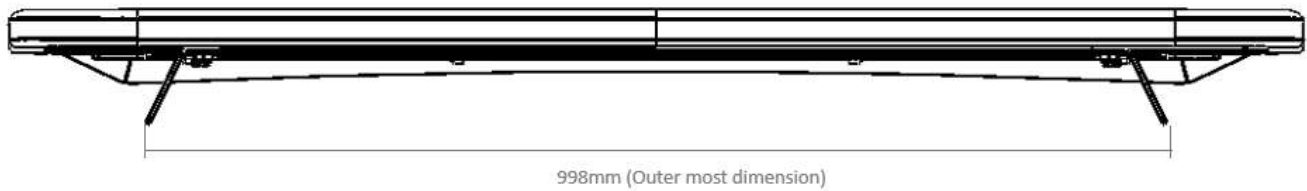
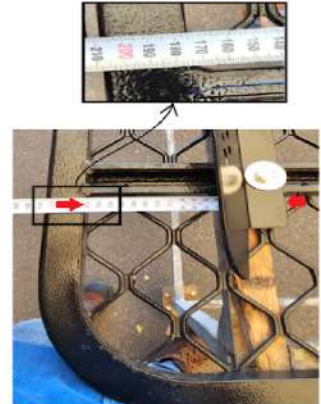
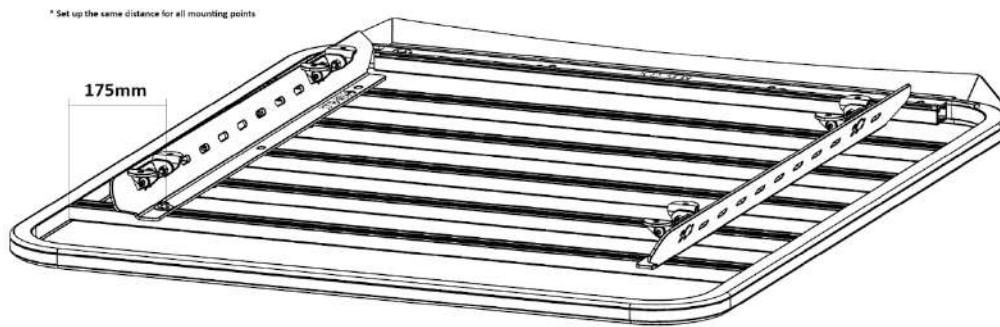
- Apply the Acoustic Foam Pad onto the bracket



- Illustration of a bracket completed with Acoustic Foam Pad

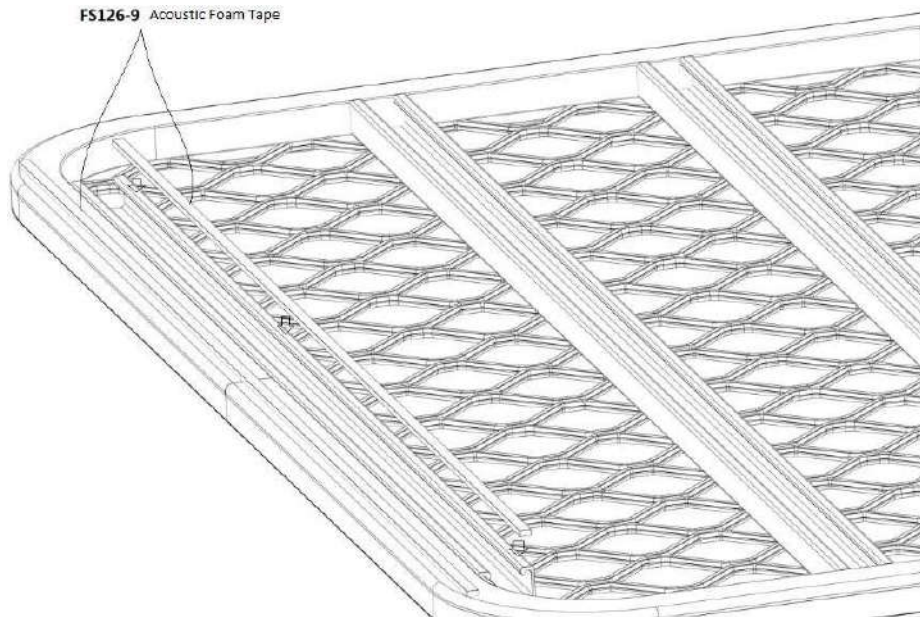


## Step 5: Setup the Toughbar onto the roof rack

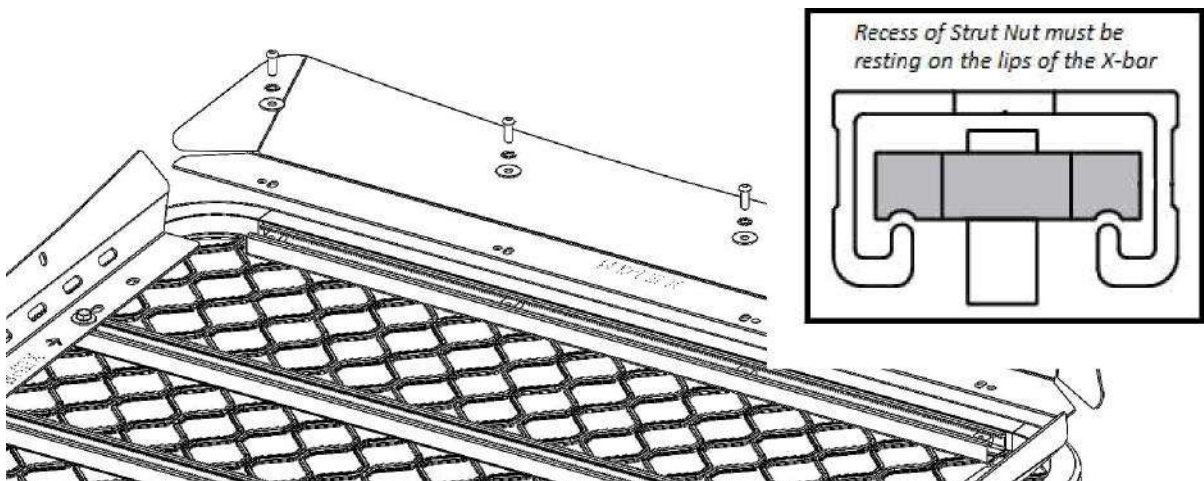


## Step 6: INSTALLATION OF WIND DEFLECTOR (TLRWD9X)

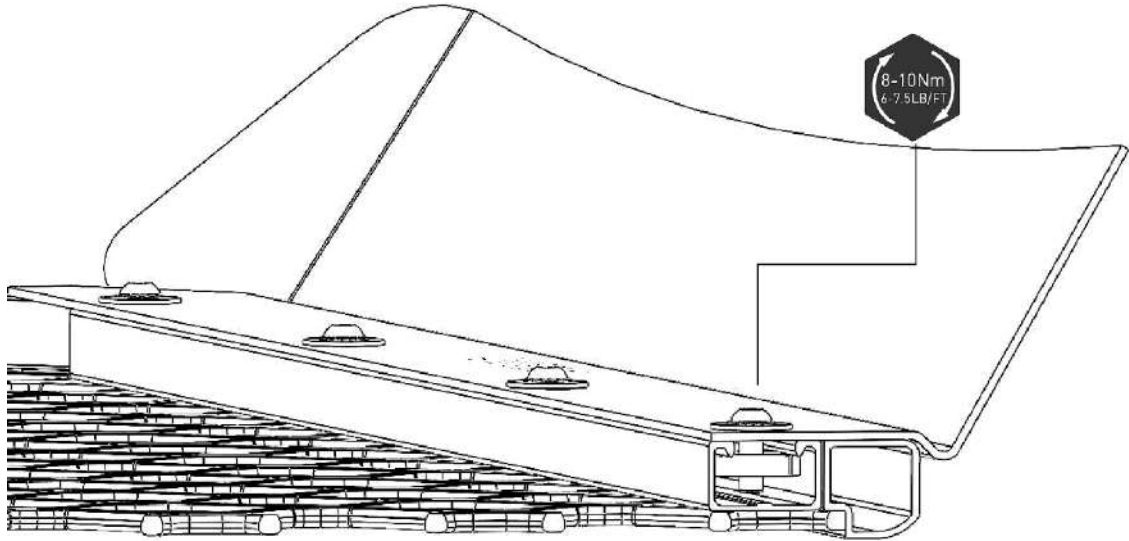
- Apply Acoustic Foam Tape on to the Roof Rack Frontal Area



- Secure the Wind-deflector onto the front of the rack as per the illustration shown below:



- Centralise and tighten.



\*Wind Deflector fitted to the front channel.

### Step 7: Installation of Roof-rack assembly

- With a person either side of the Roof Rack, carry the Roof Rack over the rear of the vehicle and rest the Tough Bar gently over the X Brackets





- Select the desirable holes on the Toughbar according to your preference
- Lift tailgate to make sure the roof spoiler doesn't hit the end of the roof rack upon opening)



- Fit the M10x25 Button Cap Socket Screw with 3/8 x 3/4 Flat Washer through the holes and tighten to 10-12Nm (7-9lbs/ft)



- The installation is now completed and ready to be used. Check to ensure that all fasteners are fully secured.

## SAFETY

- Cargo must be secured firmly onto the Roof Rack during operation at all times.
- Frequently check the tightness of cargo on the Roof Rack, especially when travelling over rough terrain or off-road
  - » Use only non-stretchable fastening ropes or straps to attach cargo onto the Roof Rack.
- Extreme care must be taken in off road conditions.

## MAINTENANCE

- All bolted connections should be checked after driving a short distance when you first install your roof racks
- All bolted connections should be checked at regular intervals, depending on road conditions, usage, loads and distances travelled
- All bolted connections should be checked each time they are re-fitted.



### IMPORTANT WARNING!

IT IS CRITICAL THAT ALL TRACKLANDER 4WD ROOF RACK PRODUCTS BE PROPERLY AND SECURELY ASSEMBLED AND ATTACHED TO YOUR VEHICLE. IMPROPER ATTACHMENT COULD RESULT IN AN VEHICLE ACCIDENT, AND COULD CAUSE SERIOUS BODILY INJURY OR DEATH. YOU ARE RESPONSIBLE FOR ASSEMBLING AND SECURING ALL TRACKLANDER 4WD ROOF RACK PRODUCTS TO YOUR VEHICLE, CHECKING THE ATTACHMENTS PRIOR TO USE, AND PERIODICALLY INSPECTING THE PRODUCTS FOR ADJUSTMENT, WEAR AND TEAR. THEREFORE, YOU MUST READ AND UNDERSTAND ALL OF THE INSTRUCTIONS AND PRECAUTIONS SUPPLIED WITH YOUR TRACKLANDER 4WD ROOF RACK AND ACCESSORIES PRIOR TO INSTALLATION OR USE. IF YOU DO NOT UNDERSTAND ALL OF THE INSTRUCTIONS AND WARNINGS, 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 PERSON.

NOTE: TRACKLANDER 4WD ROOF RACKS 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.

## TRACKLANDER 4WD ROOF RACKS

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