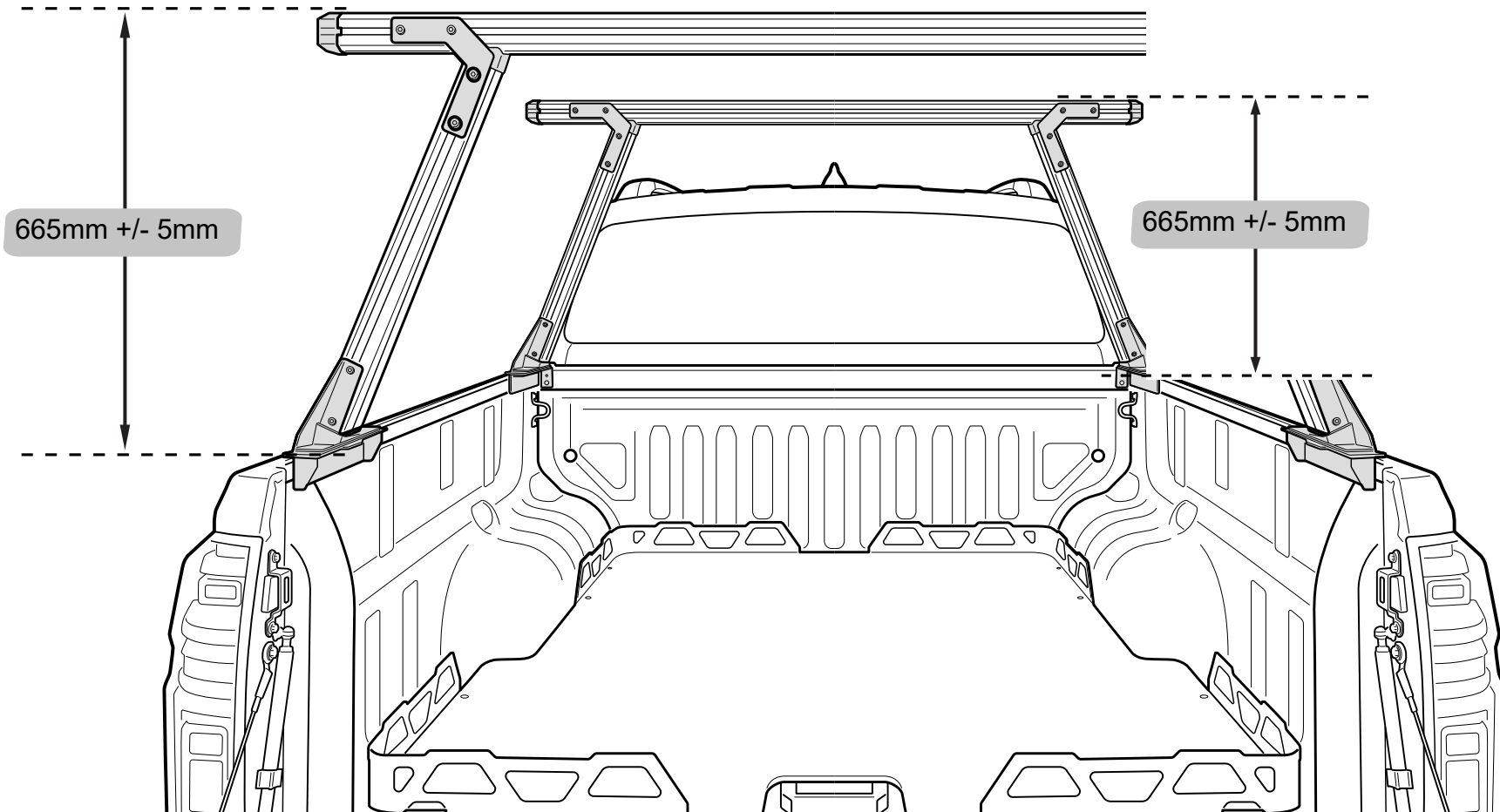




Once assembled on the tub, the load rack will be positioned at a height of 665mm +/- 5mm. If desired, you can adjust the height of your load rack before installation by following the instructions provided in the upcoming pages.



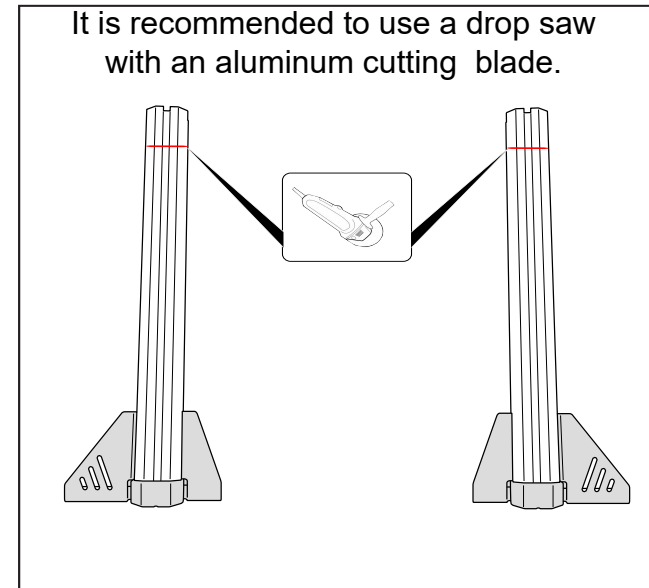
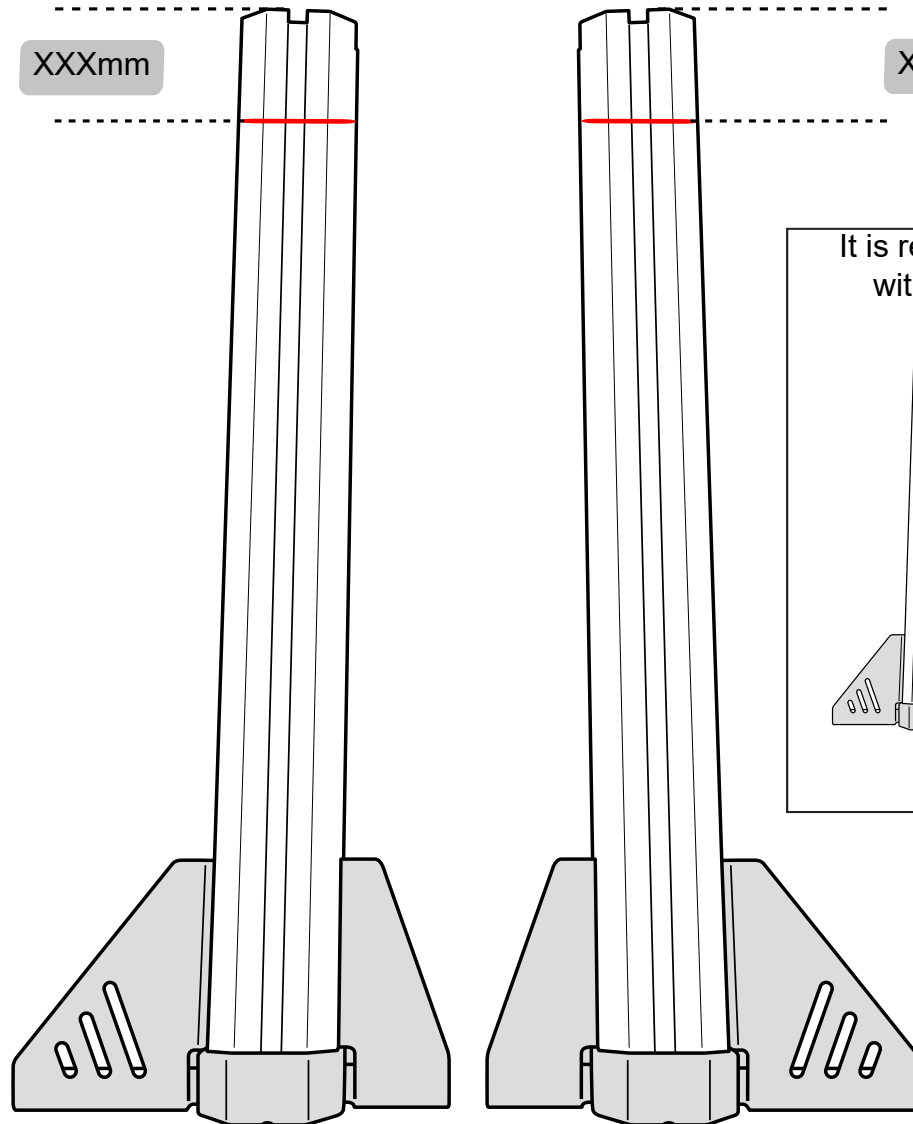


Please refer to the table below for guidance.
 The left column indicates the desired height you can choose, while the right column provides a guide on how much to cut in order to achieve the desired height.



Mark the suggested deductions and proceed to cut the extrusion accordingly.

Load Rack - Cutting Dimension Chart	
Load Rack Desired Height (mm)	Suggested Deduction Length (mm)
665 (As Per Kit) +/- 5	0
660	5
655	11
650	16
645	21
640	27
635	32
630	37
625	43
620	48
615	53
610	59
605	64
600	69
595	74
590	80
585	85
580	90
575	96
570	101
565	106
560	112
555	117
550	122
545	128
540	133
535	138
530	144
525	149
520	154
515	160
510	165
505	170
500	176





INSTALLATION INSTRUCTIONS

**LOAD Rack to suit Roll R Cover
(FRONT OF UTE TUB)**



Application list:

Ford Ranger PX (2011-2022), Haval GWM Cannon ute, LDV T60, Isuzu Dmax 2021+, Mazda BT50 2021+, Nissan Navara 2020+, Toyota Hilux A & J Deck 2016+.

INSTALLATION TIME:90minutes (Approximately)

IMPORTANT	<ul style="list-style-type: none"> • Do not exceed load limit indicated by manufacture. • If contact with volatile chemicals occur, clean bars with mild detergent and water solution 		
Care Instructions	<ul style="list-style-type: none"> • Read Instructions fully before commencing installation. • Clean with a mild detergent and water solution • Do not use abrasive cleaners or solvents • Refer to manufactures instructions applicable to power drill. • Protect surface against scratches during installation process. 		
Maintenance	Refer to Maintenance instructions.		
Tools Required	<table style="width: 100%; border: none;"> <tr> <td style="vertical-align: top;"> <ul style="list-style-type: none"> • Pen / Marker • Soapy water solution • Allen Key set • Screw driver • Trim Removal Tool </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> • Scissors & Knife • Spanner & Socket • Tape measure </td> </tr> </table>	<ul style="list-style-type: none"> • Pen / Marker • Soapy water solution • Allen Key set • Screw driver • Trim Removal Tool 	<ul style="list-style-type: none"> • Scissors & Knife • Spanner & Socket • Tape measure
<ul style="list-style-type: none"> • Pen / Marker • Soapy water solution • Allen Key set • Screw driver • Trim Removal Tool 	<ul style="list-style-type: none"> • Scissors & Knife • Spanner & Socket • Tape measure 		

PERSONAL PROTECTIVE EQUIPMENT:



Rubber Gloves



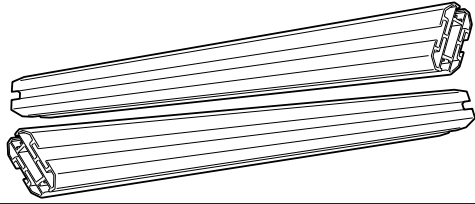
Goggles



Hearing Protection

BOX CONTENTS

PART NO. LR-AE001-629mm (LOAD RACK LEG) Qty - 2



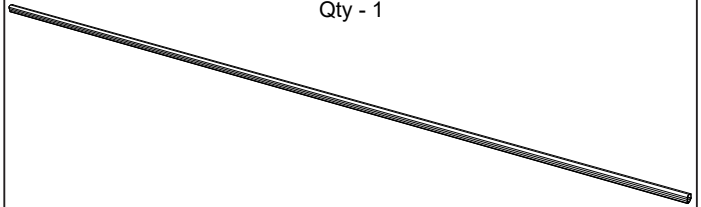
PART NO. S2.5-DC-RE-007-1550mm (Cross top Bar Rubber) Qty - 1



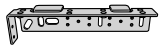
PART NO. LR-AE001-1466mm (LOAD RACK CROSS BAR) Qty - 1



PART NO. LR-RE-001 8100mm (LOAD RACK channel insert seal) Qty - 1

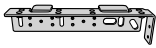


LR-SF-003RH



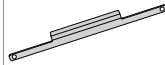
TUB FRH
BRACKET
Qty - 1

LR-SF-003LH



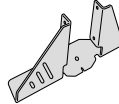
TUB FLH
BRACKET
Qty - 1

LR SPACER



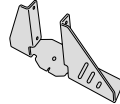
Qty - 2

LR-SF-002RH



FRH LEG BASE
BRACKET
Qty - 1

LR-SF-002LH



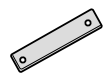
FLH LEG BASE
BRACKET
Qty - 1

LR-SF-005



CROSS BRACE
BRACKET
Qty - 4

LR-SM-001



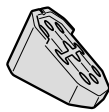
CHANNEL NUT
Qty - 14

LR-PI-001



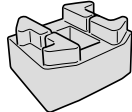
END CAP
Qty - 2

LR-RC-001



FOOT CAP
Qty - 2

LR-RC-002



UPRIGHT TOP
CAP
Qty - 2

LR-SF-002RH



M6 SPRING
WASHER
Qty - 34

LR-SF-002LH



M6x16mm
SOCKET
HEAD BOLT
Qty - 24

LR-SF-005



M6x20mm
SOCKET
HEAD BOLT
Qty - 8

LR-SM-001



S5 ALLEN KEY
Qty - 1



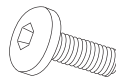
M6x20mm
SECURITY
BOLT
Qty - 2



SELF
DRILLING
SCREWS
Qty - 10



Hex
Security
Allen Key Bit



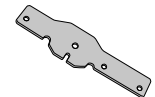
M8x30mm
ALLEN
HEAD BOLT
Qty - 4



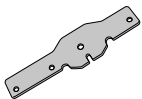
M8 FLAT
WASHER
Qty - 4



M8SPRING
WASHER
Qty - 4



LR-SF-002
Base foot
LH Foam
Qty - 1



LR-SF-002
Base foot
RH Foam
Qty - 1

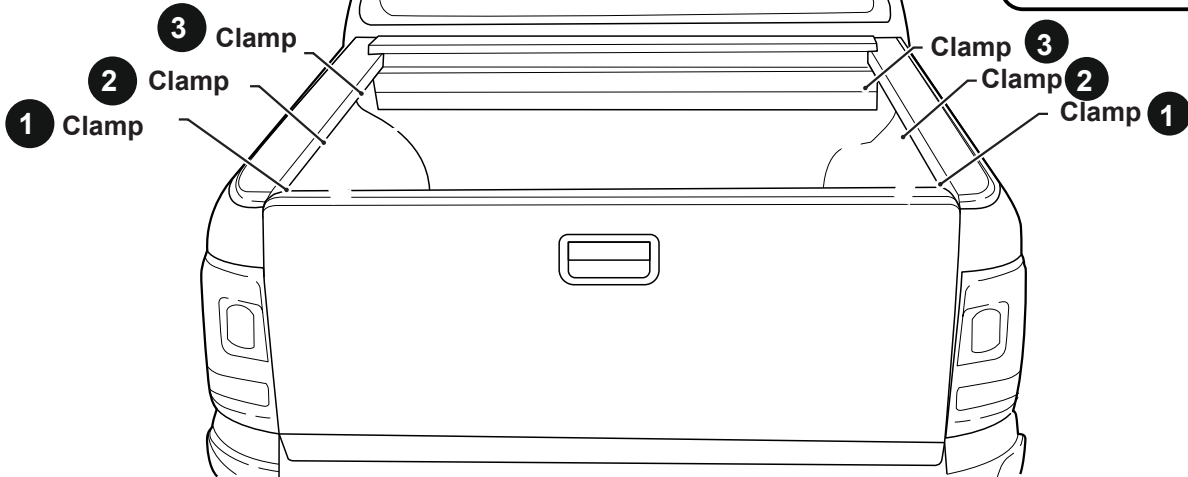
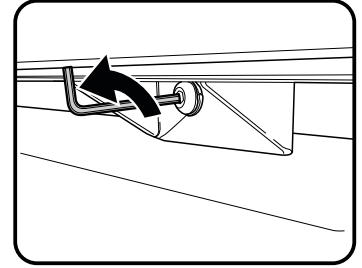
ROLL R COVER PREPERATION



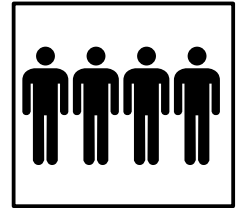
IF YOUR ROLL R COVER IS NOT FITTED TO THE VEHICLE PLEASE SKIP THIS PAGE AND PROCEED TO PAGE 4 OF 30.



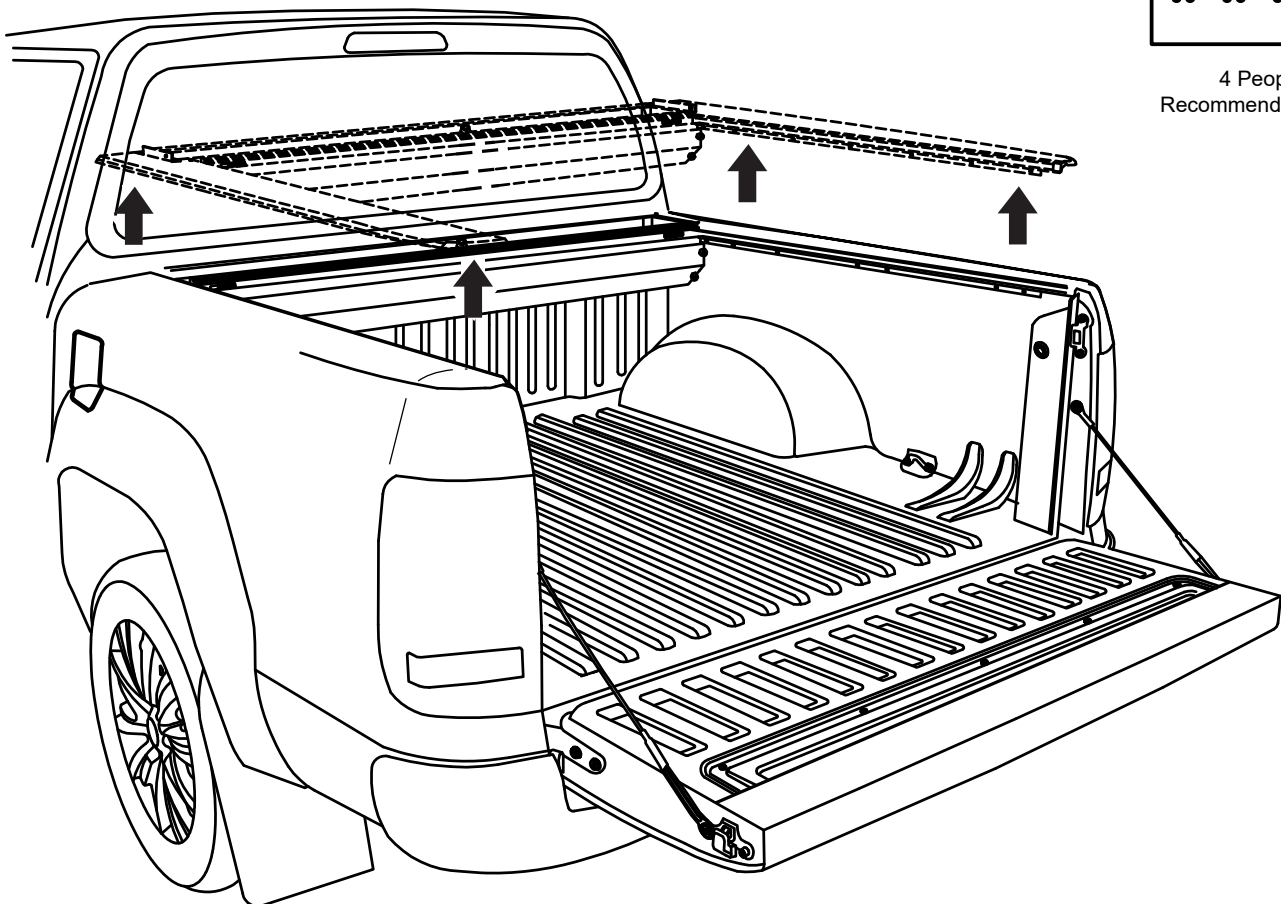
1. Loosen and remove all three clamps or any bolts that are securing the clamp bracket of the roll covers to the ute tub.
2. Take out the drainage point from the canister.



With aid Remove Roll-R-Cover unit from the ute tub.



4 People
Recommended for lift

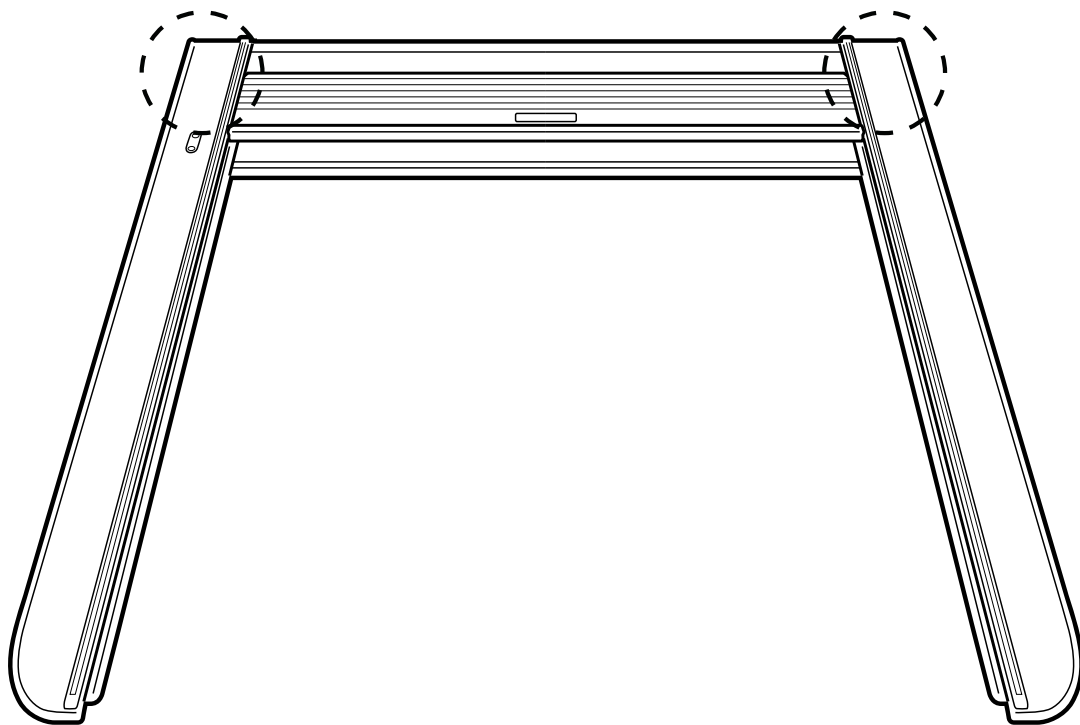
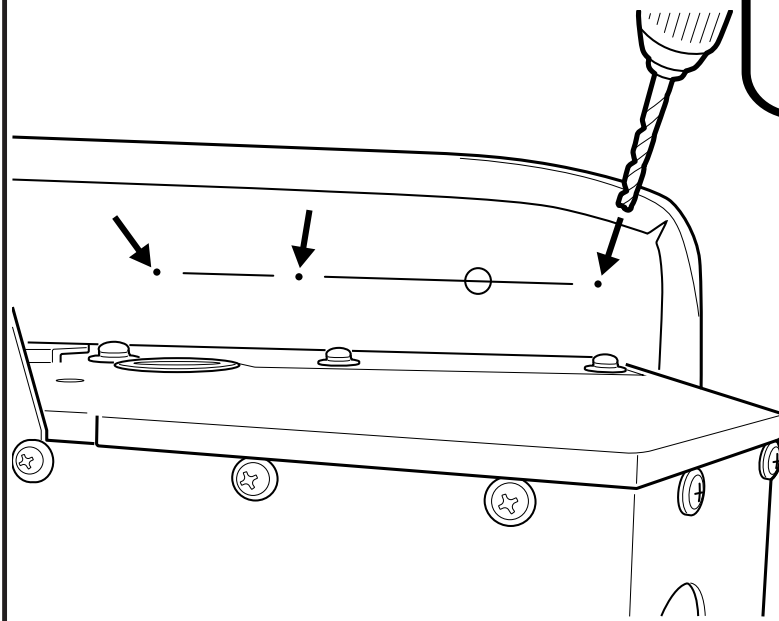
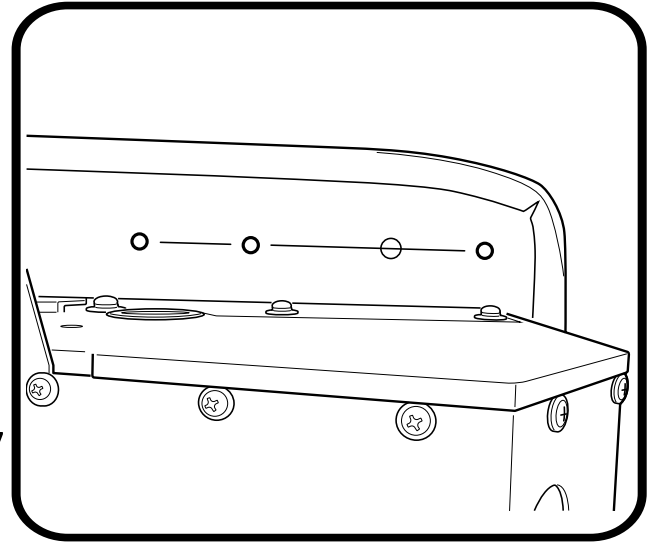


To identify the drilling points on your roll cover side rails, locate three points on the underside that are connected by a straight line. Drill these points using a 14mm drill bit.

If your side rails do not have these markings, please consult the vehicle-specific template provided in the kit for guidance on the drilling points.



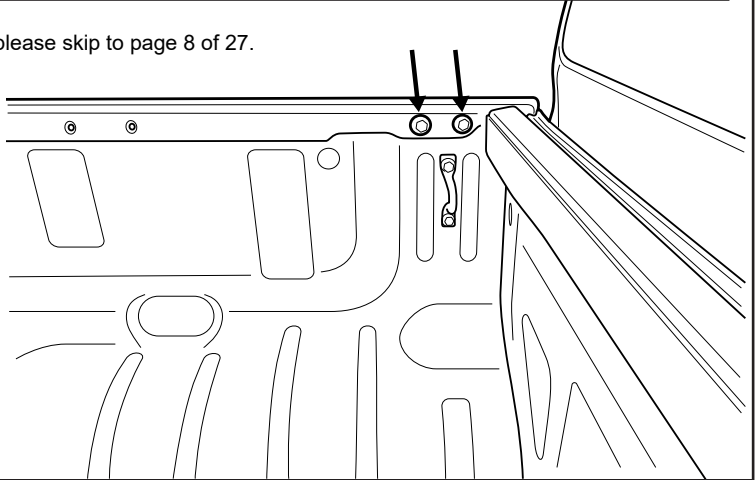
Exercise caution while drilling to ensure that the swarf remains clear of the curtain.



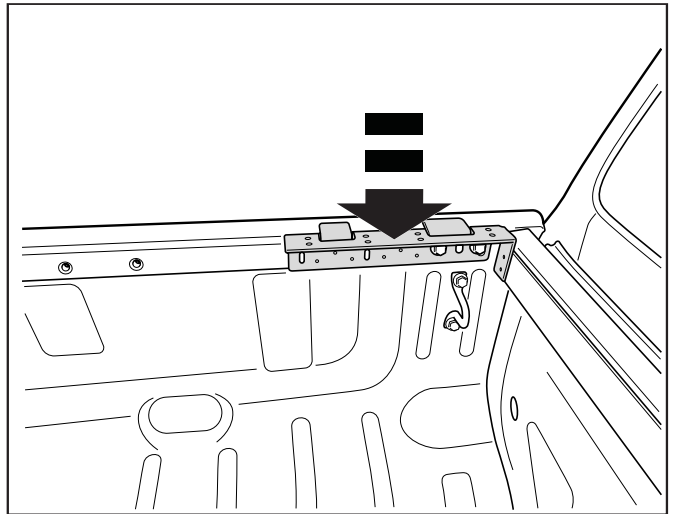
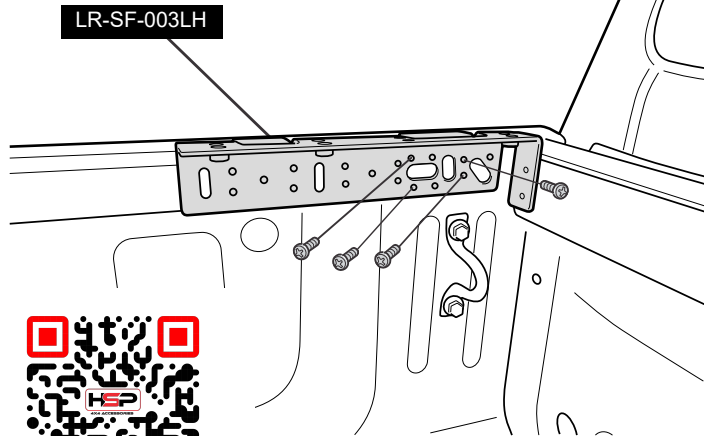
Tub preparation

⚠ If your ute bed is equipped with factory bolts to the locations indicated, please skip to page 8 of 30. ⚠

If your ute bed is equipped with factory bolts to the locations indicated, please skip to page 8 of 27.



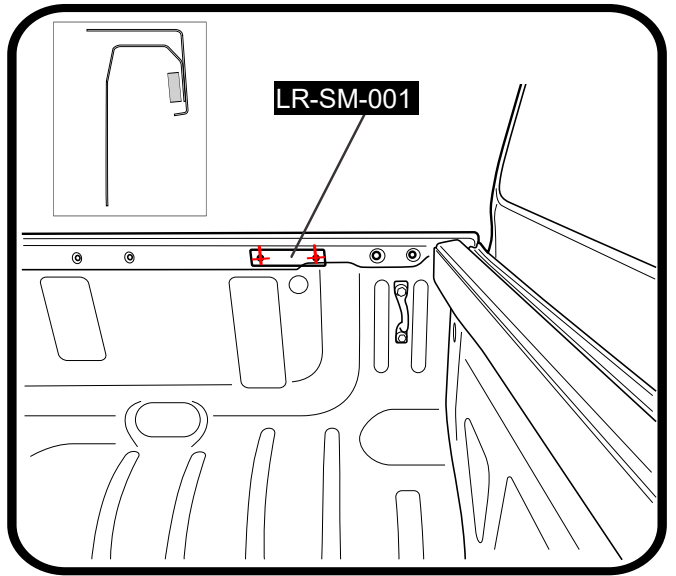
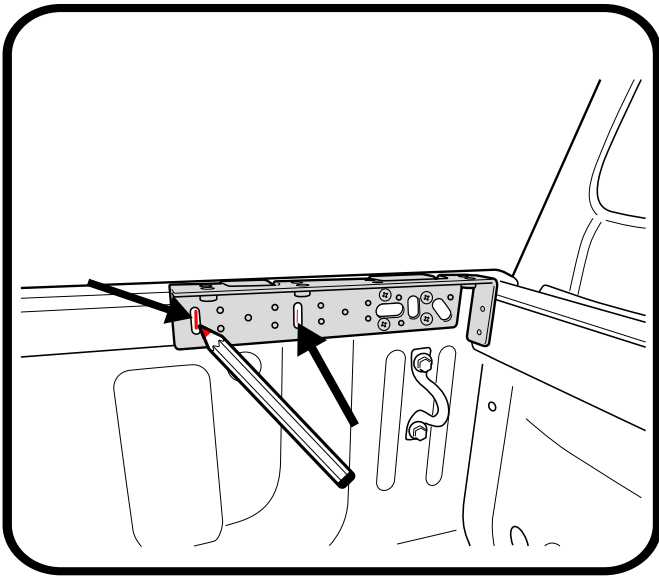
Position LR-SF-003LH on both the headboard and the top of the side panel of the tub. Apply firm downward pressure on the bracket and secure it by using the provided self-drilling screw at the preferred locations indicated. If there is intrusion choose any of the other holes to drill through into the ute tub inner bed rail.



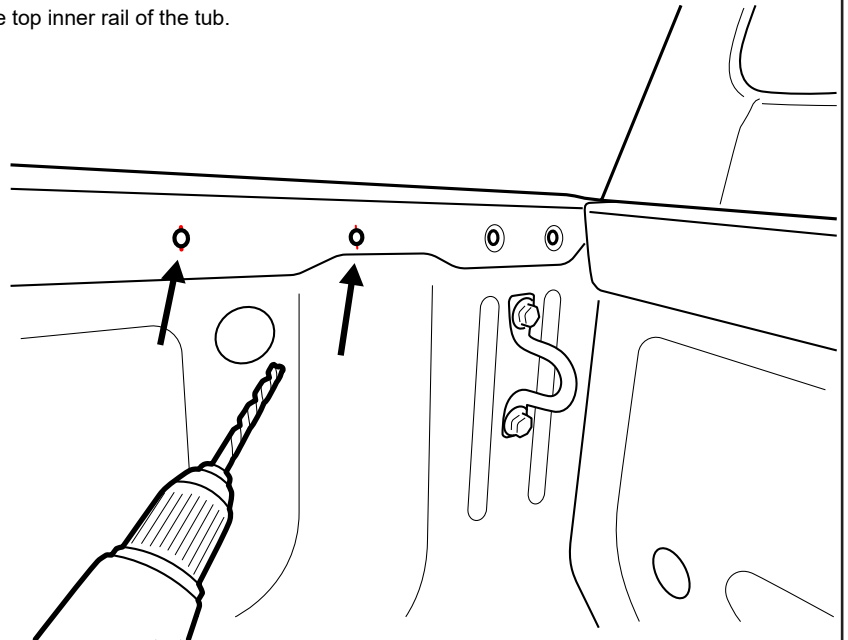
VISUAL TIP

1. Mark the tubs inner lip through the indicated elongated holes.
2. Now remove the bracket assembly by unfastening all self drilling screws.

Align the threads of the LR-SM-001 channel nut with the inside lip of the top rail of the ute tub, and push it upwards as far as possible until it reaches the structural fold. Then, use the threads on the channel nut as a reference to identify and mark the drilling points.



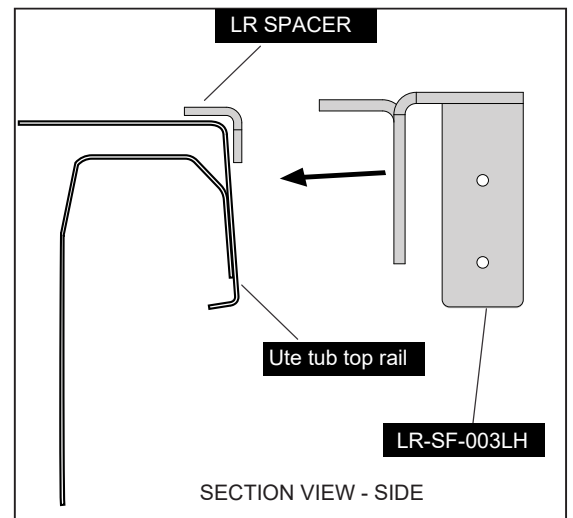
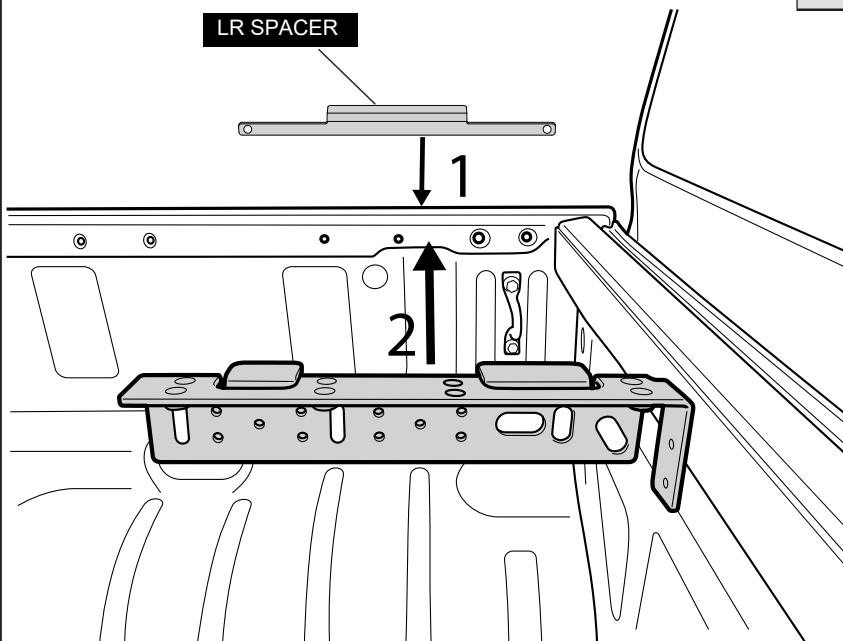
At the marked points, use an 8mm drill bit to bore through the top inner rail of the tub.



1. Position the LR Spacer on the top rail of the ute tub
2. Place LR-SF003LH over LR spacer and center to the tabs of the bracket.



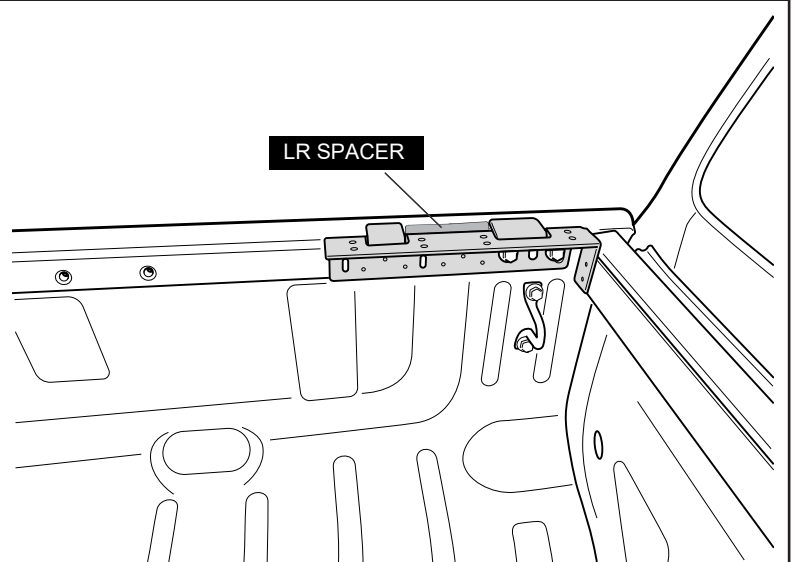
This step is specifically designed for the GWM Cannon ute and LDV T60 vehicles. If you are working with a different vehicle, please ignore this step, including the LR Spacer part, and proceed to page 7 of 30.



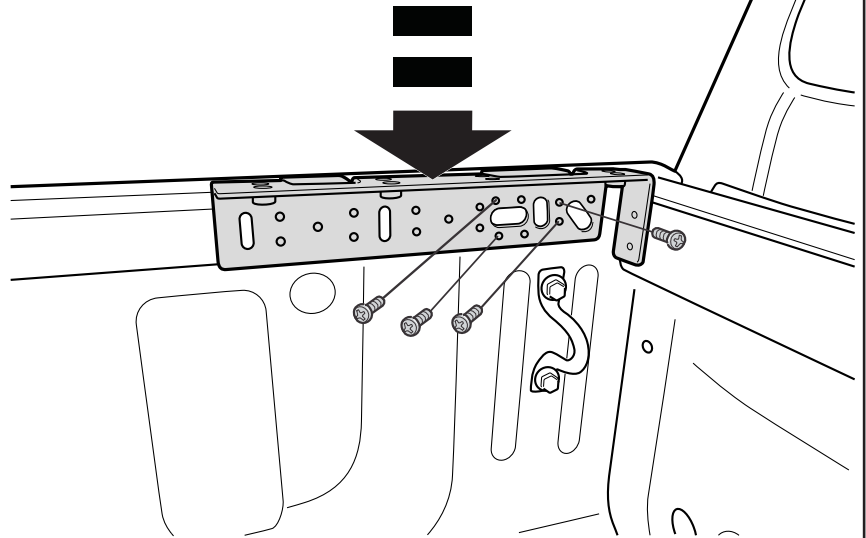
Top view.



 VISUAL TIP

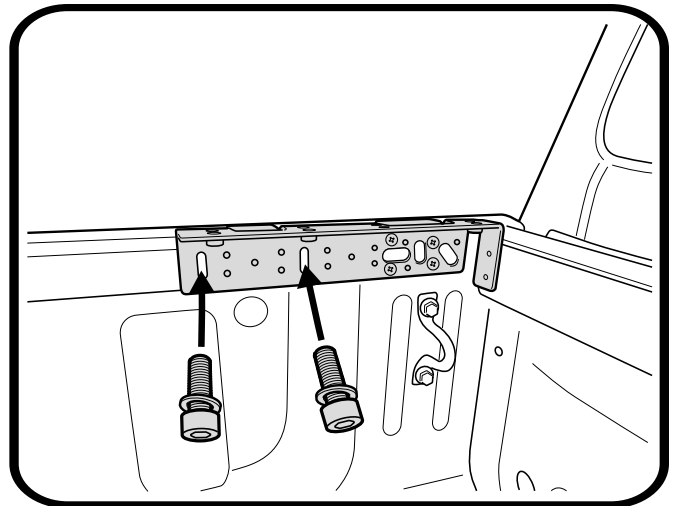
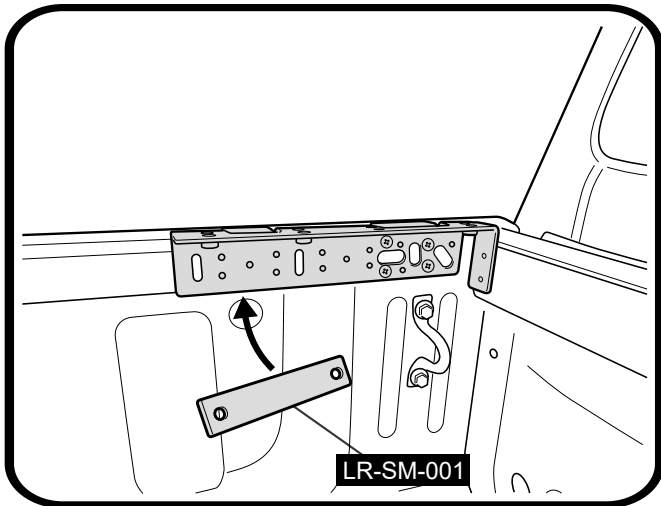


Align LR-SF003LH bracket with the holes previously drilled by the self-drilling screws. Apply firm downward pressure to firmly secure the bracket, and then fasten it in place using the provided self-drilling screws.



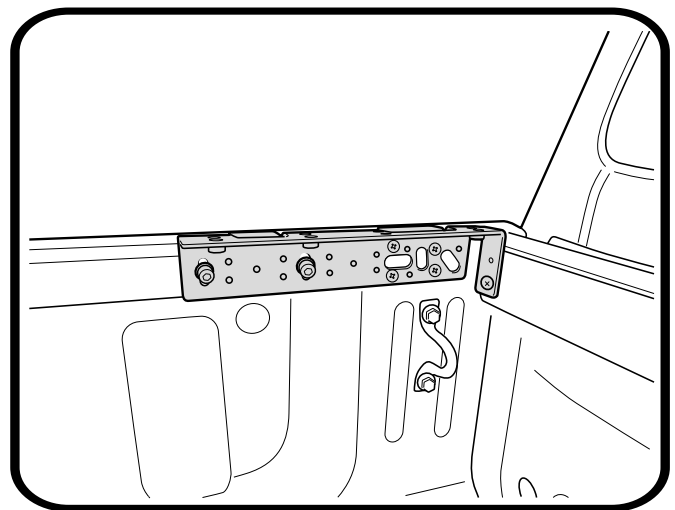
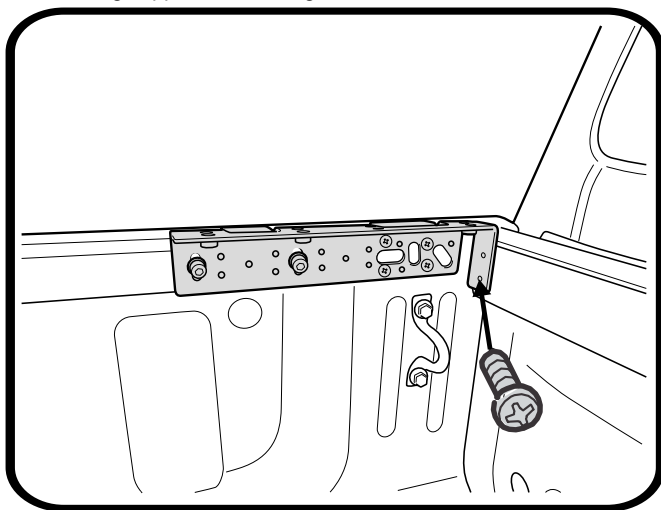
Position the LR-SM-001 channel nut onto the inner lip of the top rail of the tub, then align its threads with the holes that were previously drilled.

Fasten into position using M6x20mm socket head bolt followed by M6 spring washer.



Fasten bracket LR-SF-009LH front indicated lip to the head board using supplied self drilling screw.

Completed view.

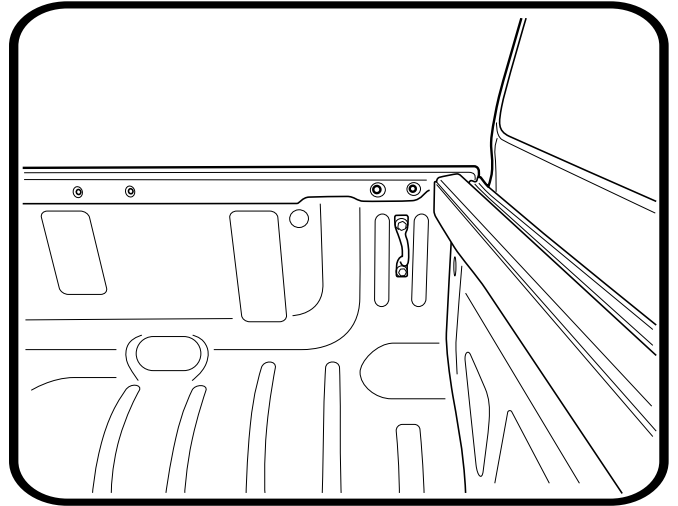
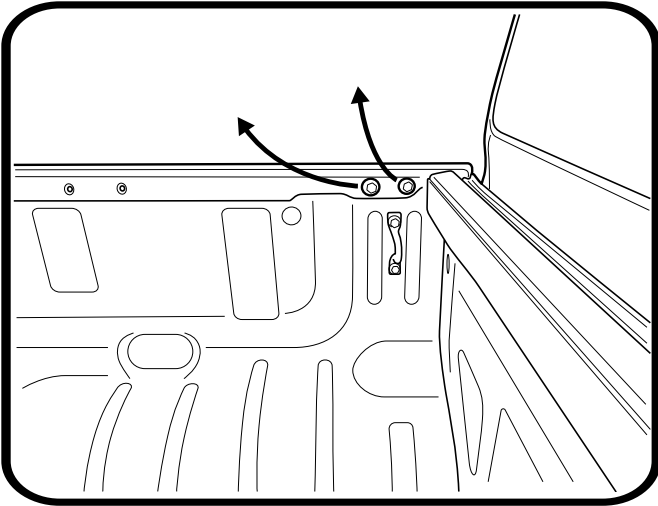


Please proceed to page 11 of 30.

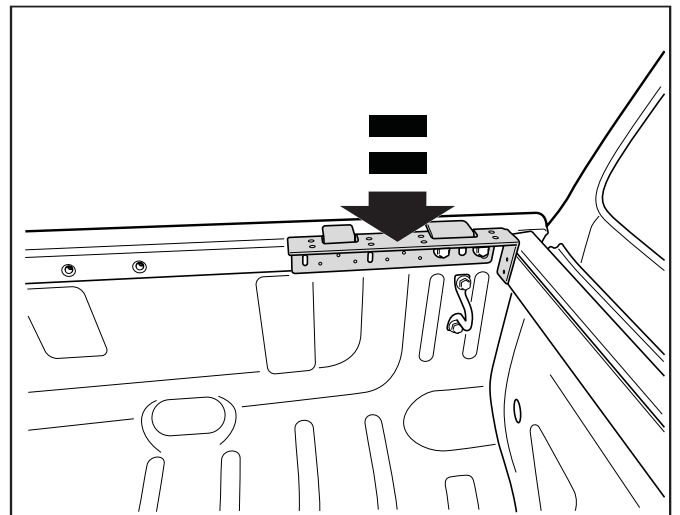
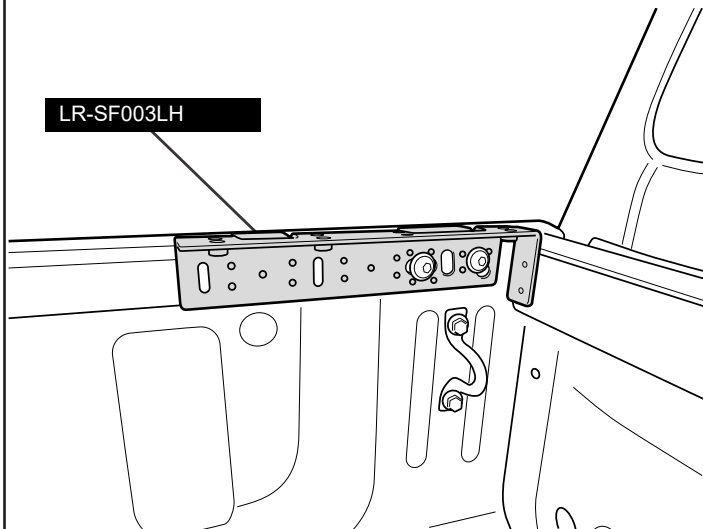


Tub preparation

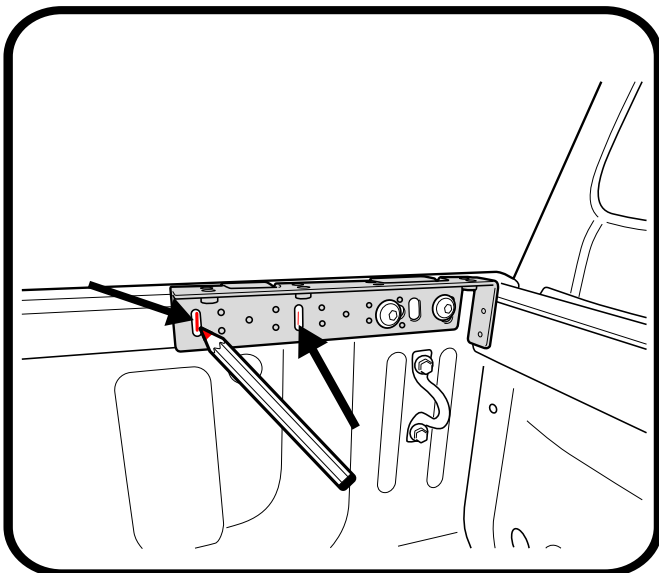
Remove indicated bolts or in-case of Nissan there will be only one bolt and discard.



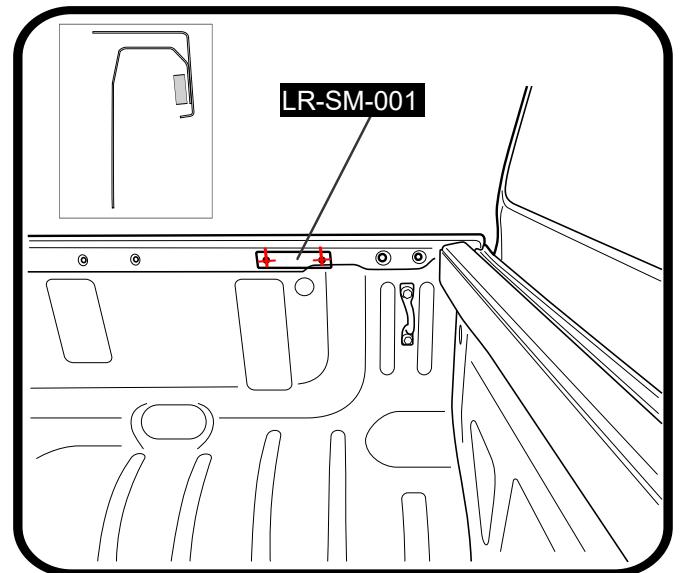
Place bracket LR-SF-003LH to the top of the headboard and the top of the side panel of the tub. Making sure the elongated holes to the front of the bracket line up with the thread of the tub. Push down firmly on the assembled bracket and fasten using provided M8x30mm Allen head bolt.



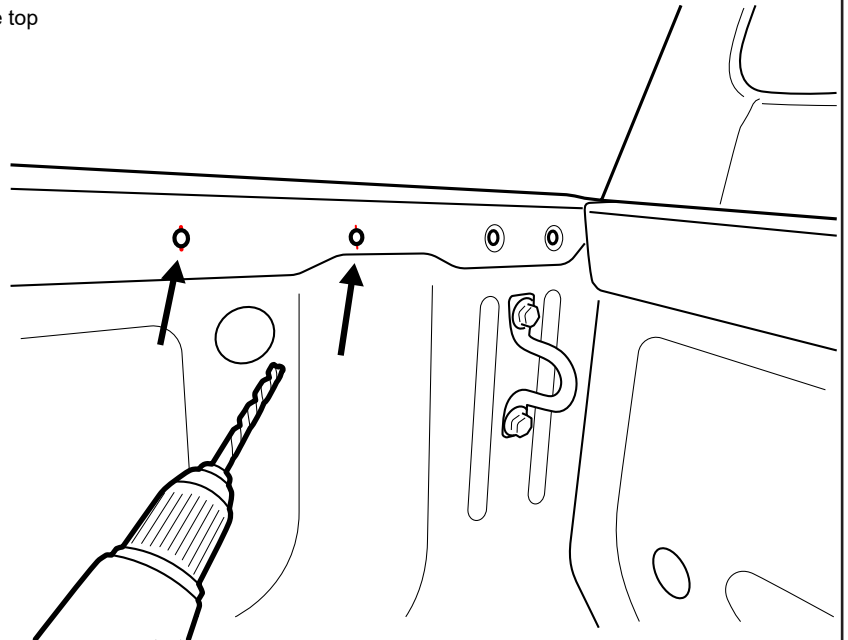
1. Mark the tub's inner lip through the indicated elongated holes.
2. Now remove the bracket assembly by unfastening the M8 bolts.



Align the threads of the LR-SM-001 channel nut with the inside lip of the top rail of the ute tub, and push it upwards as far as possible until it reaches the structural fold. Then, use the threads on the channel nut as a reference to identify and mark the drilling points.



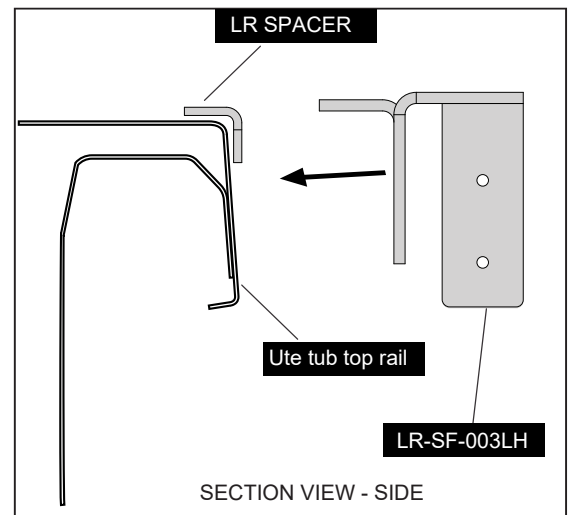
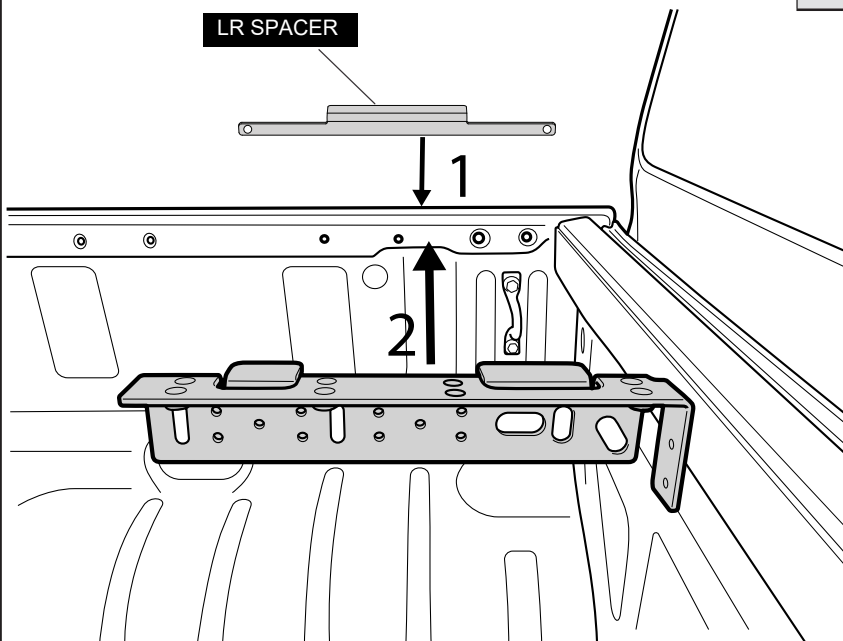
At the marked points, use an 8mm drill bit to bore through the top inner rail of the tub.



1. Position the LR Spacer on the top rail of the ute tub
2. Place LR-SF003LH over LR spacer and center to the tabs of the bracket.



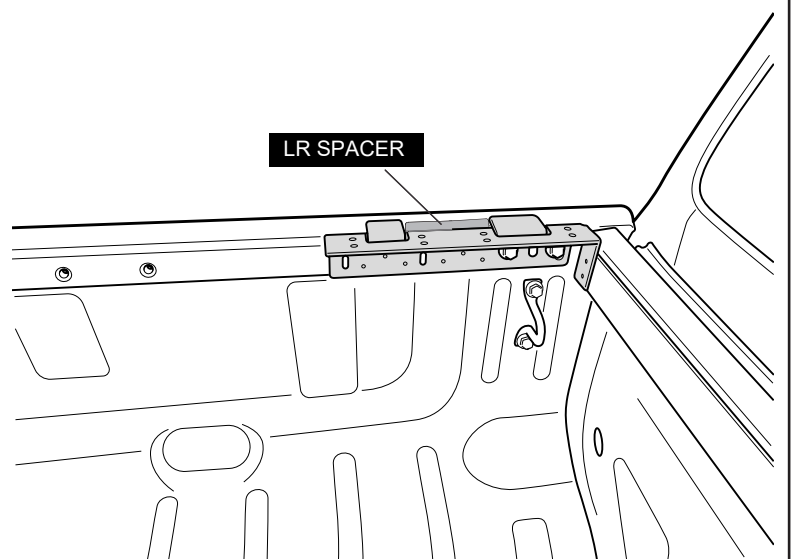
This step is specifically designed for the GWM Cannon ute and LDV T60 vehicles. If you are working with a different vehicle, please ignore this step, including the LR Spacer part, and proceed to page 10 of 30.



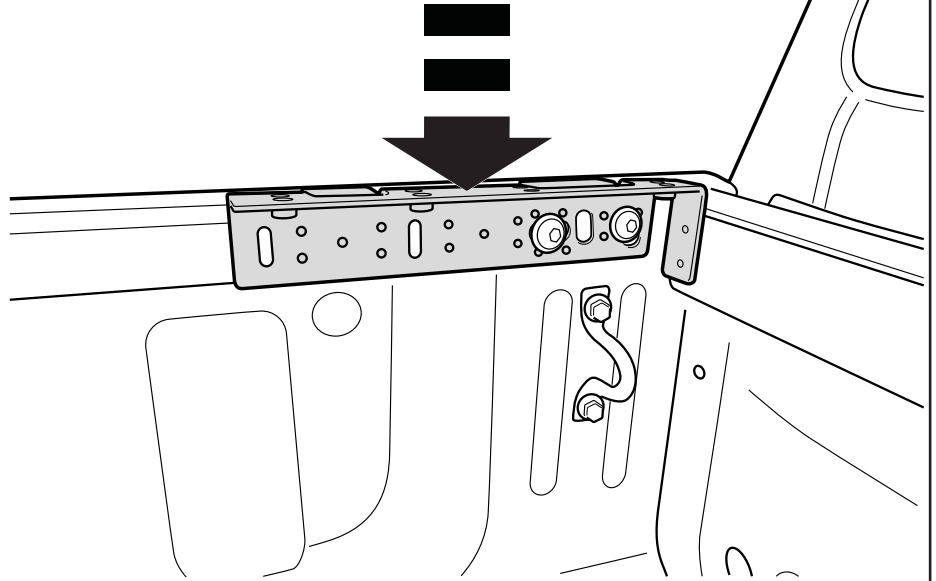
Top view.



 VISUAL TIP

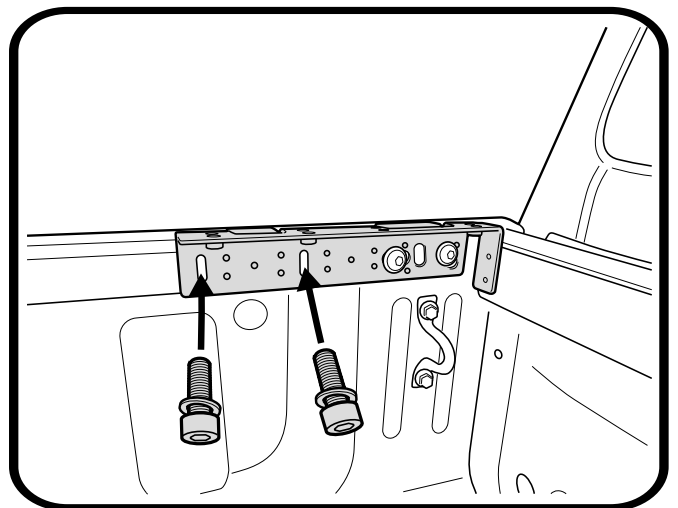
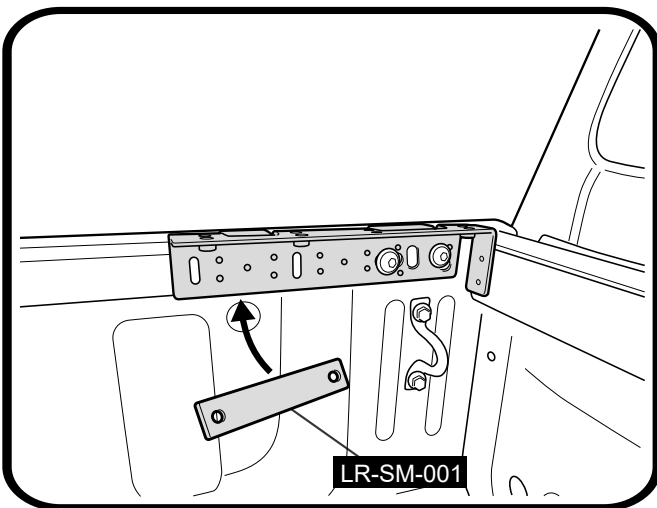


Realign the elongated holes at the front of bracket LR-SF-003LH with the thread of the tub. Apply firm downward pressure to secure the bracket, then fasten it in place using the provided M8x30mm Allen head bolt, followed by the M8 spring washer and M8 flat washer.



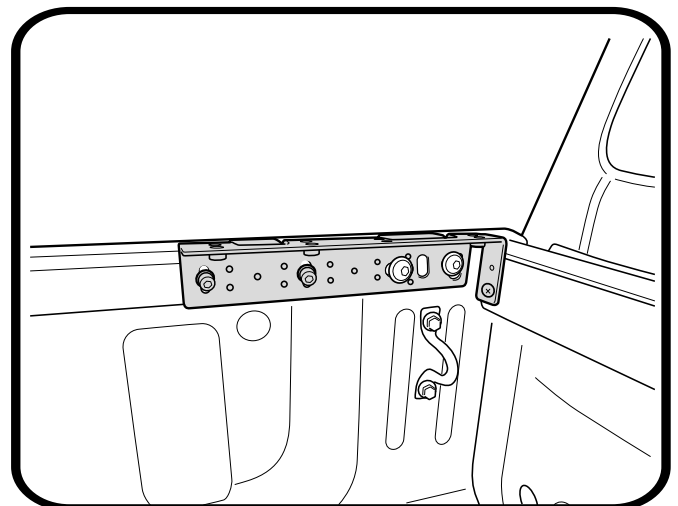
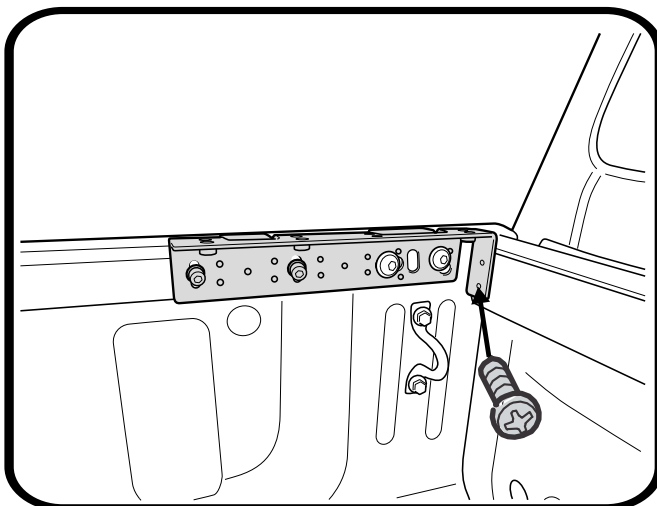
Position the LR-SM-001 channel nut onto the inner lip of the top rail of the tub, then align its threads with the holes that were previously drilled.

Fasten into position using M6x20mm socket head bolt followed by M6 spring washer.



Fasten bracket LR-SF-009LH front indicated lip to the head board using supplied self drilling screw.

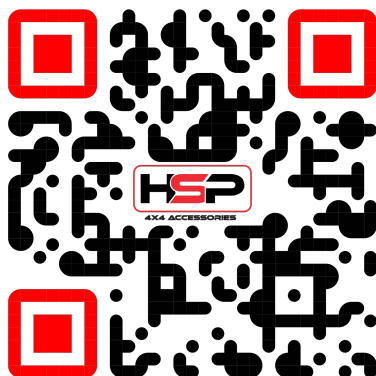
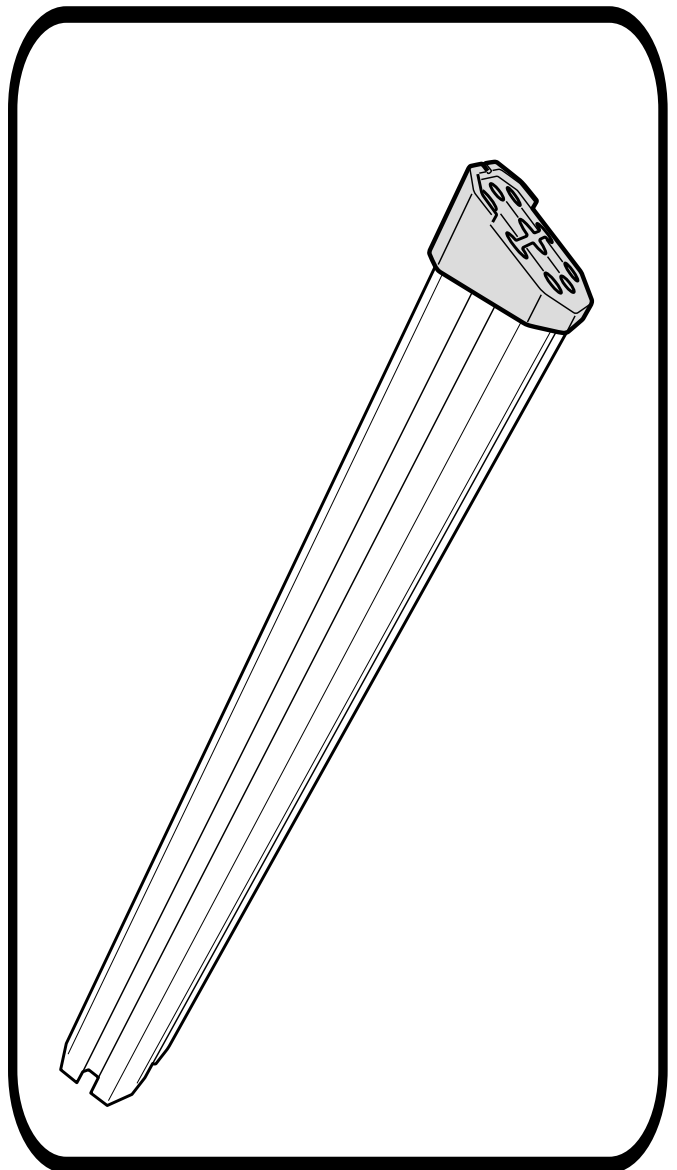
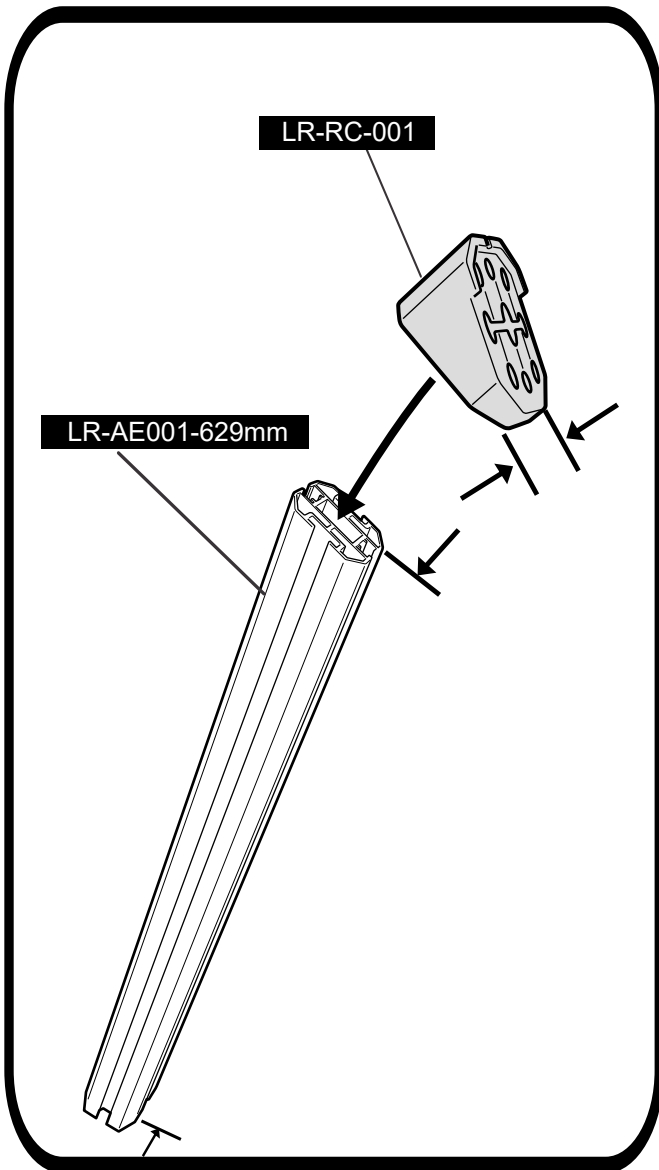
Completed view.



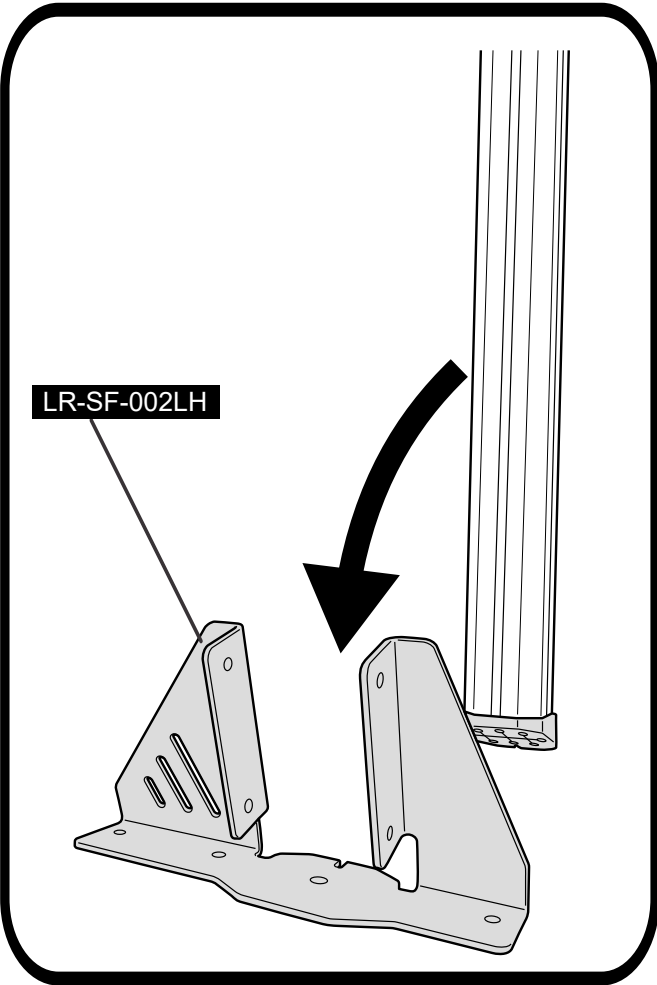
Load rack preparation.

The LR-AE001-629mm extrusion features a straight cut on one end and a 20 degree cut on the other end. To assemble, place the LR-RC-001 over the end of the extrusion with the 20 degree cut, following the specified orientation.

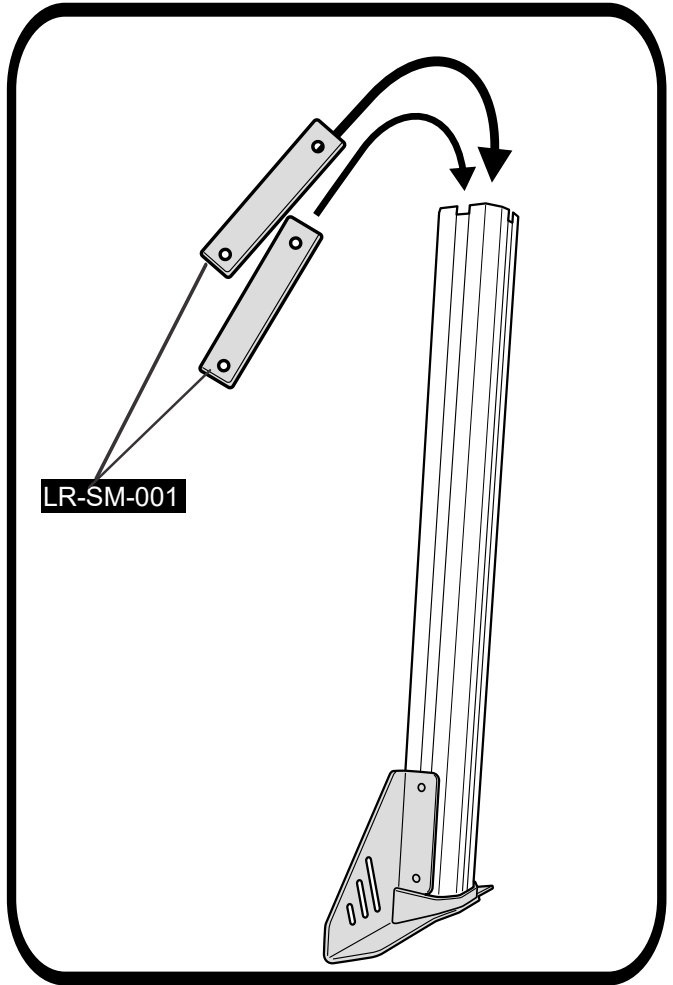
Assembled view.



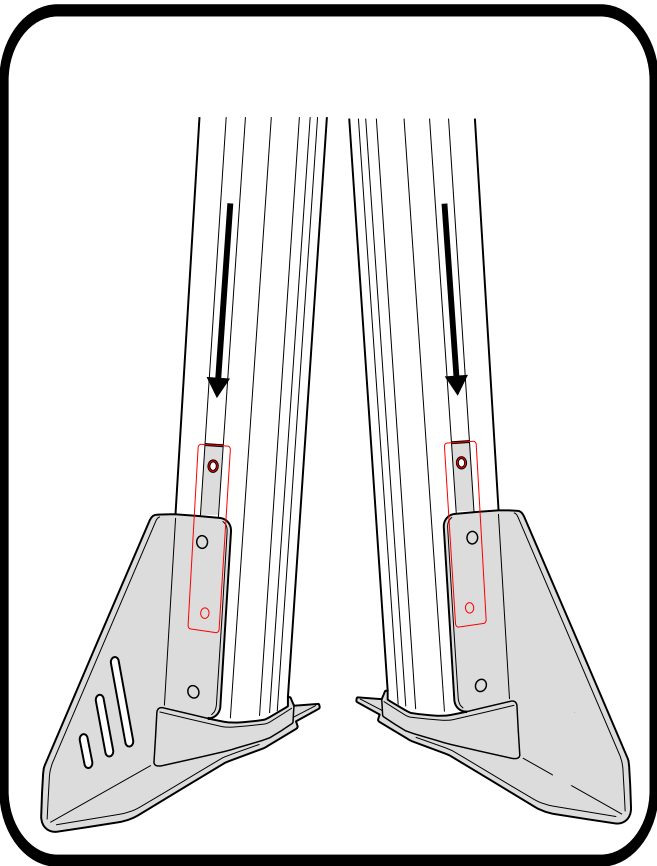
Position the previously assembled extrusion and align it with the specified orientation onto bracket LR-SF-002LH.



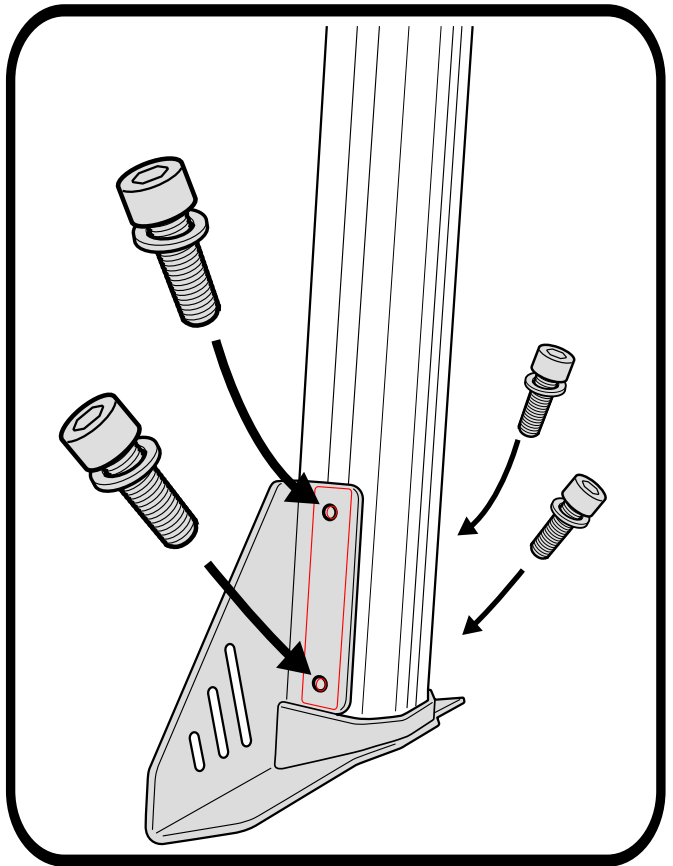
Slide channel nut LR-SM-001 into the indicated channels of the extrusion.



Adjust the thread of the channel nuts to align with the pre-drilled holes in the brackets.

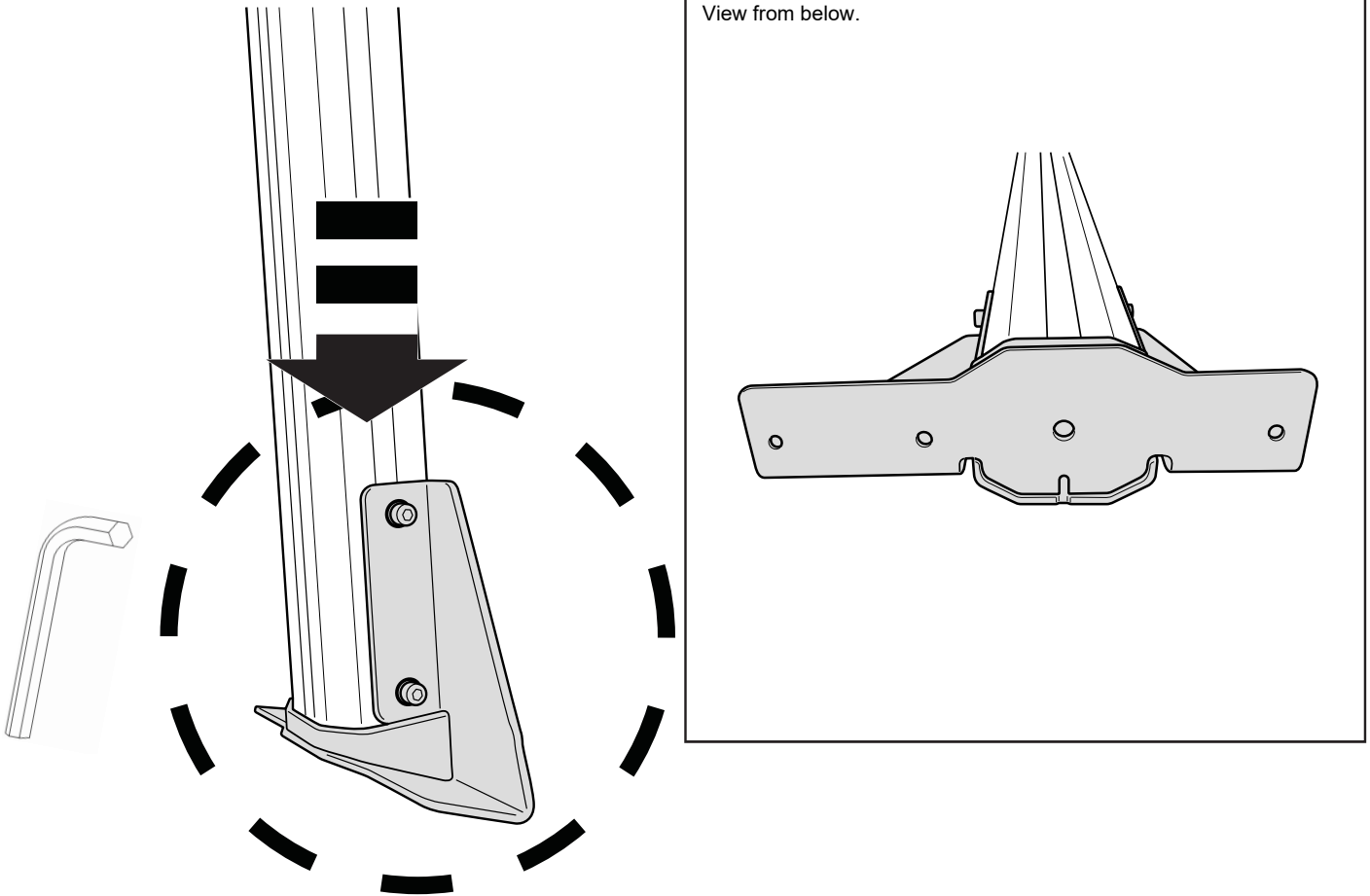


Loosely secure into position using the provided M6x16mm socket head bolt and M6 spring washer.

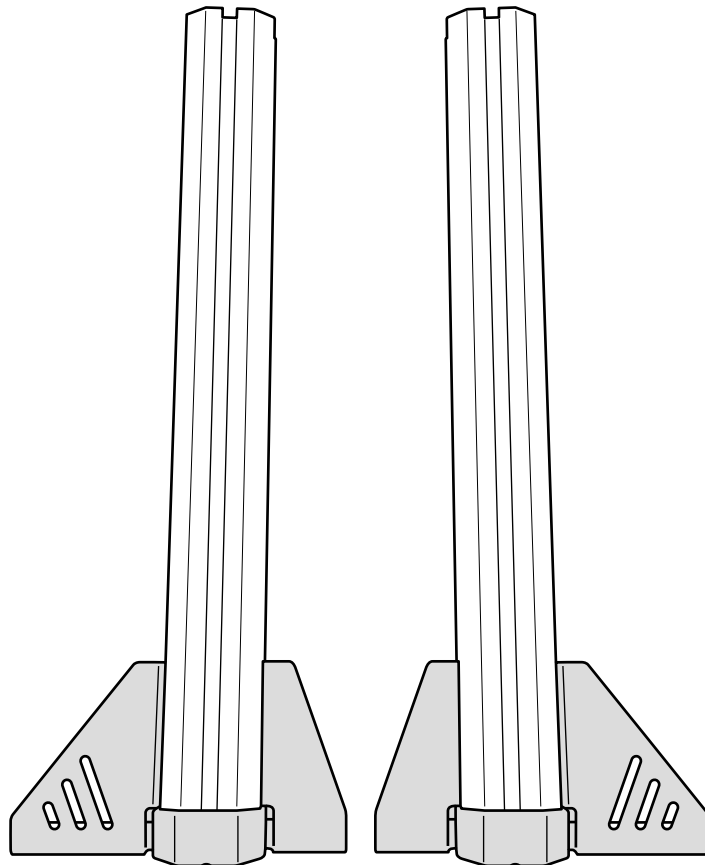


Press the extrusion firmly against the bracket and securely fasten all M6 socket head bolts.

View from below.

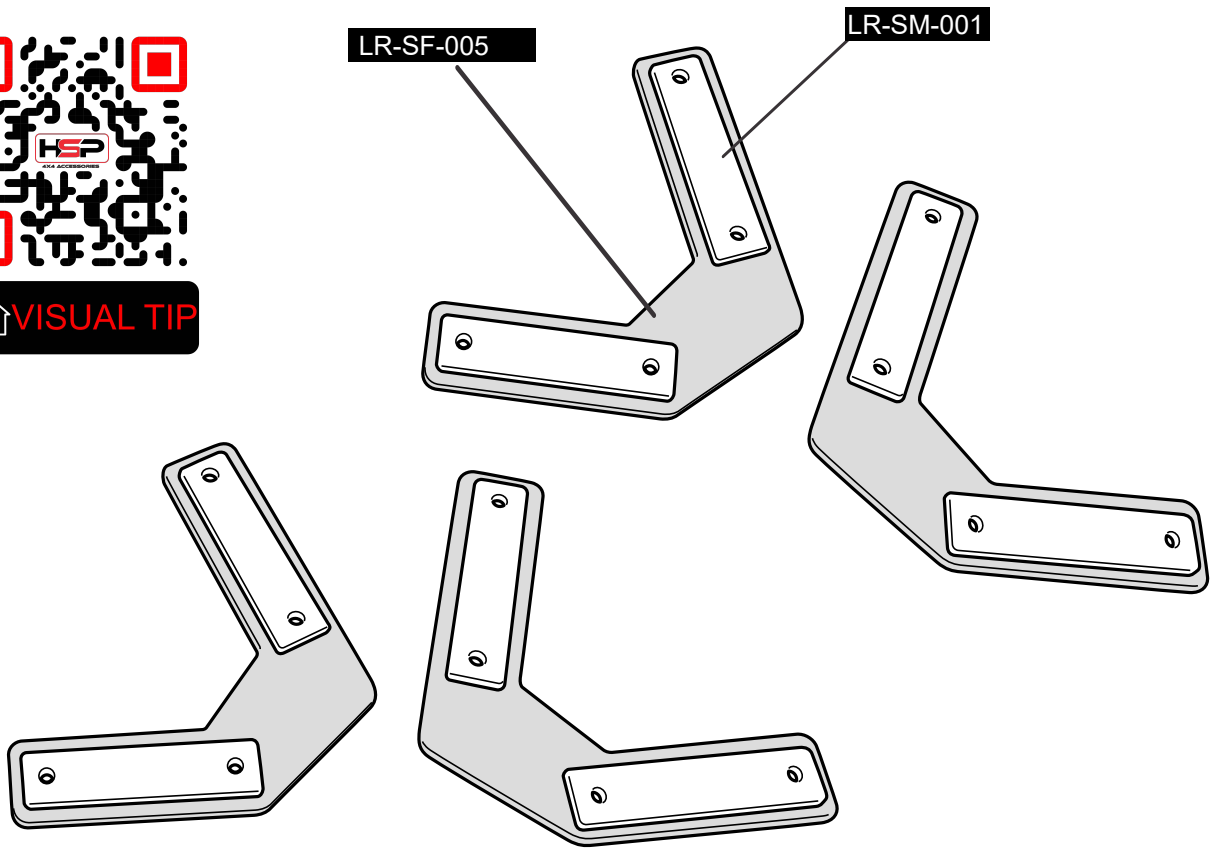
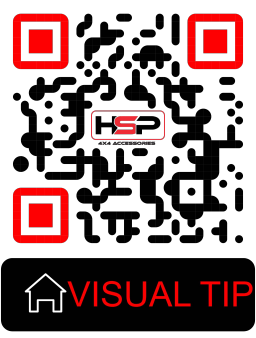


Follow the steps mentioned above to assemble the other load rack leg. It's important to note that the base bracket of the second leg must face in the opposite direction compared to the first assembled load rack leg.

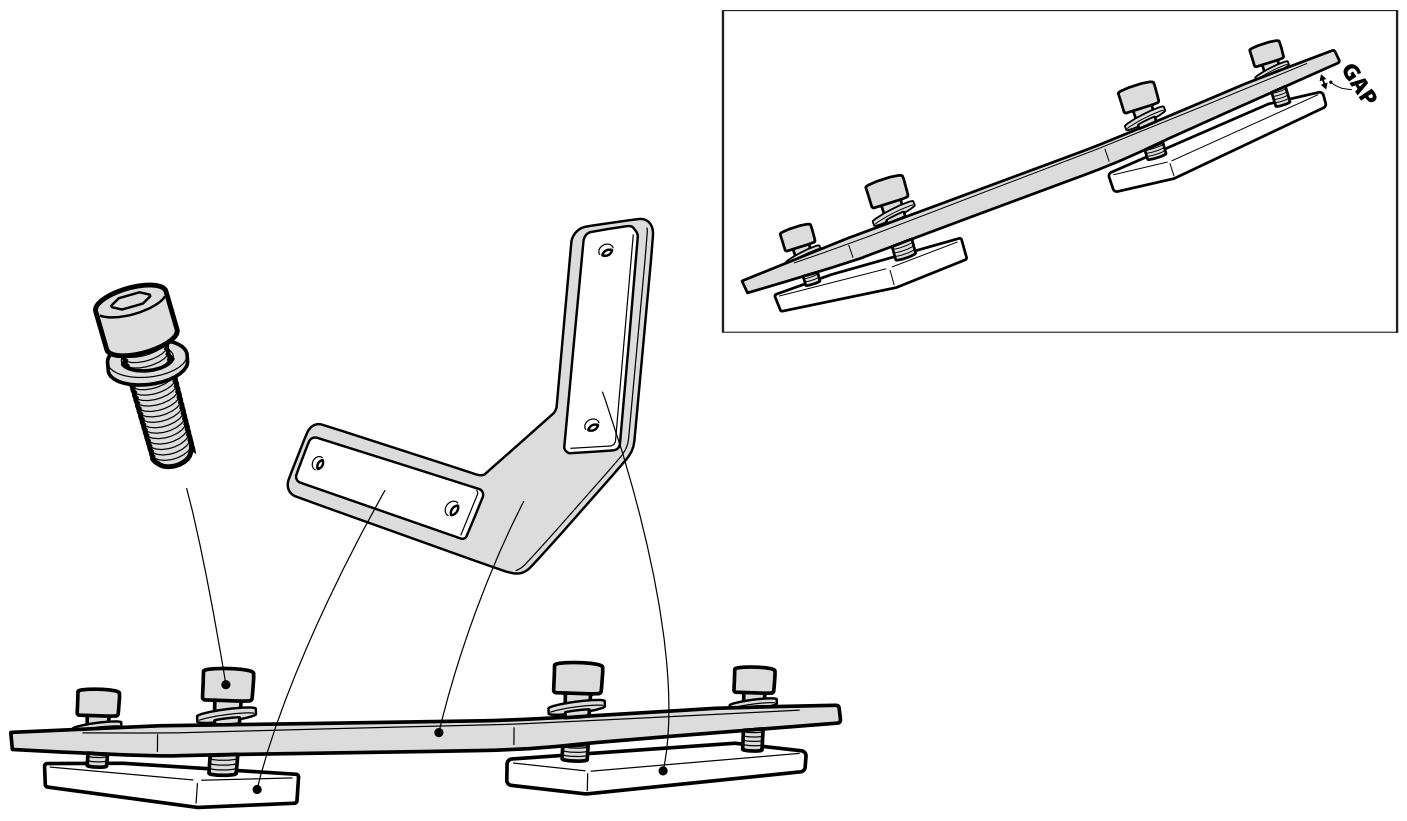


Load rack cross bar assembly.

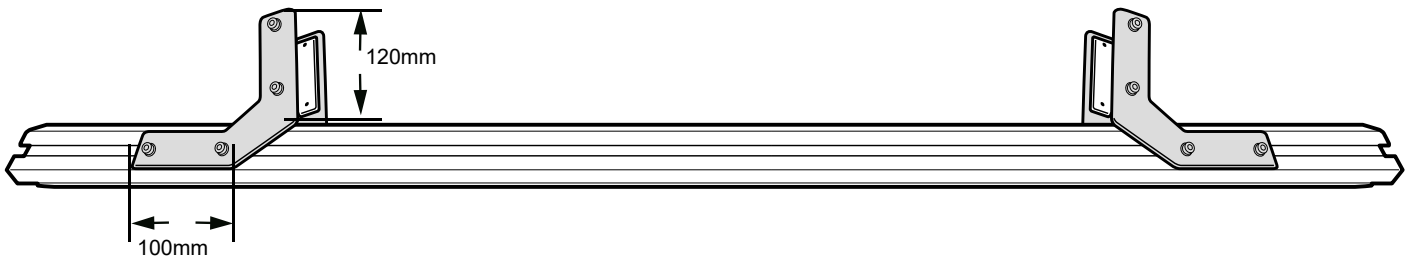
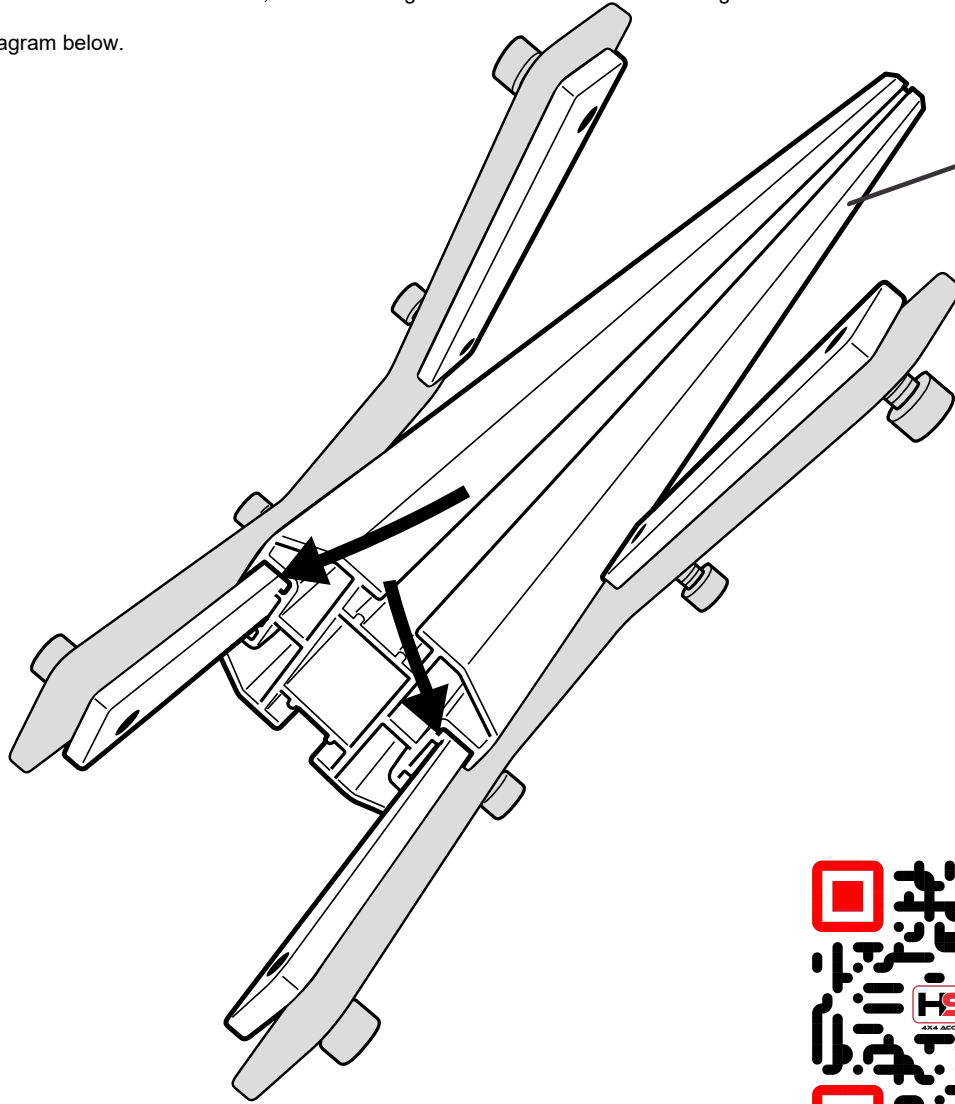
To assemble the cross brace bracket LR-SF-005, you will need to assemble two left-hand and two right-hand versions, along with channel nut LR-SM-001. Arrange both components according to the orientation indicated below.



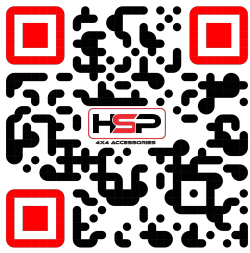
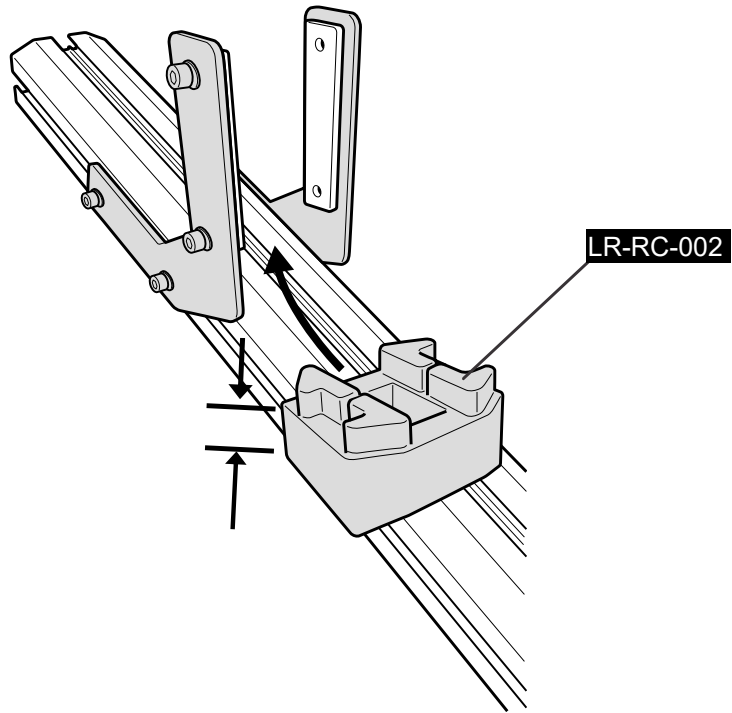
Use the provided M6x16mm socket head bolt and M6 spring washer to loosely secure into position. Repeat the process for the remaining three brackets, keeping them in the same orientation as the previous step.



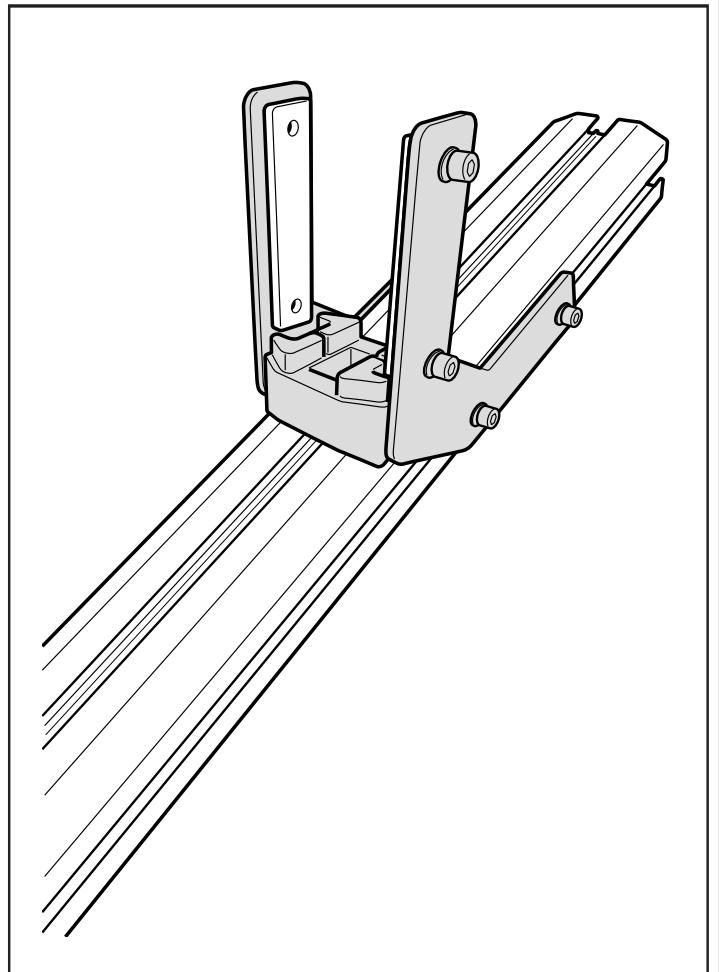
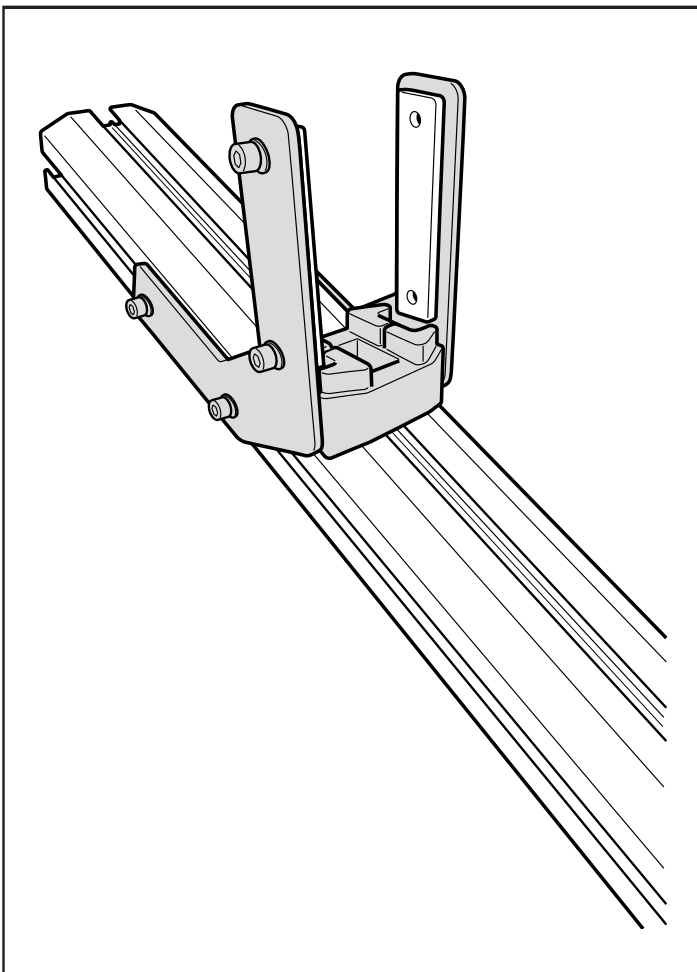
Insert the channel nut of the assembled cross brace brackets into the channels of the designated cross bars.
Note: The brace bracket has two faces, one measuring 100mm and the other measuring 120mm. Insert the face measuring 100mm into the indicated channels.
Refer to diagram below.



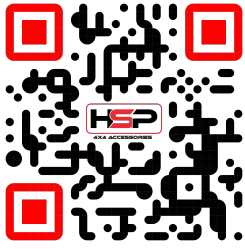
Position LR-RC-002 between the brace brackets, following the indicated orientation. Note that the thinner side of LR-RC-002 should face the end of the extrusion.



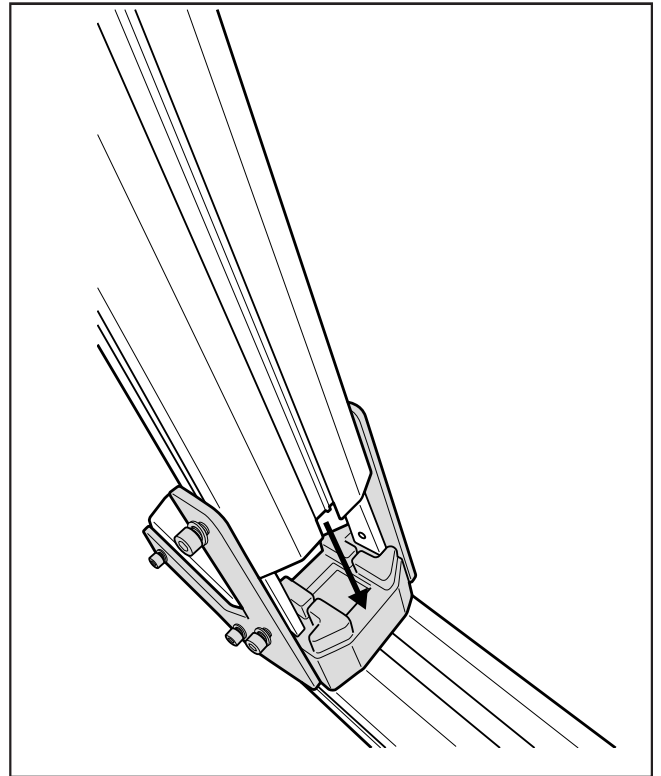
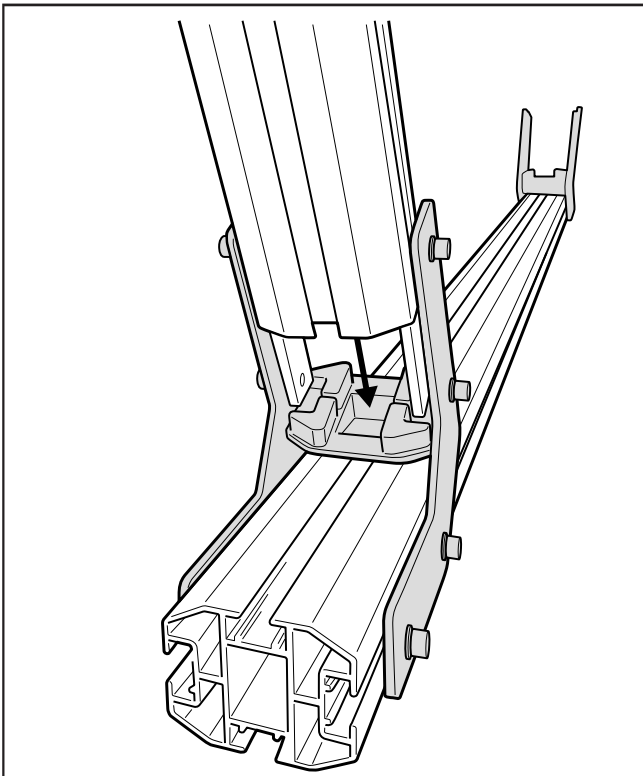
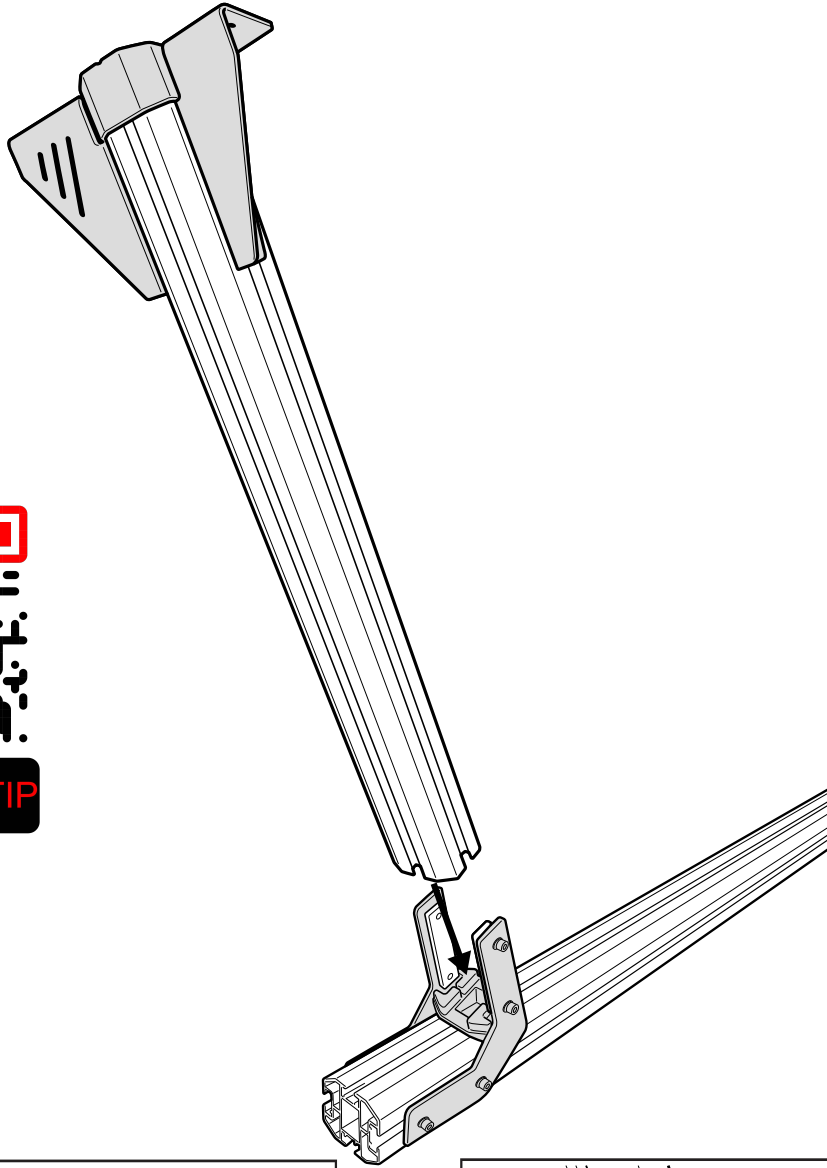
 VISUAL TIP



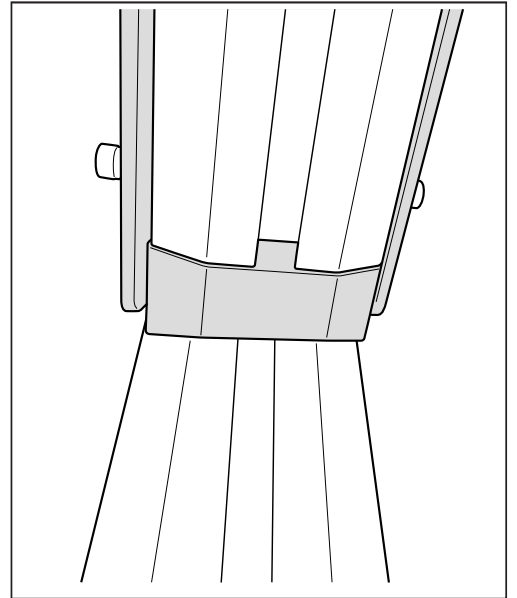
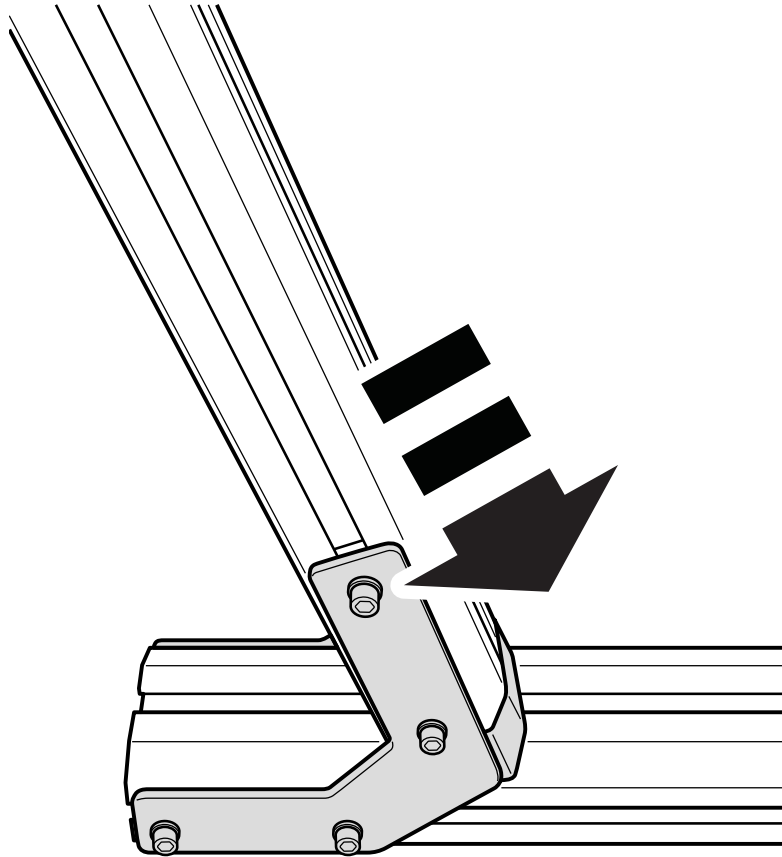
Insert the assembled cross bar legs into the channel nuts of the brace brackets, following the indicated orientation.



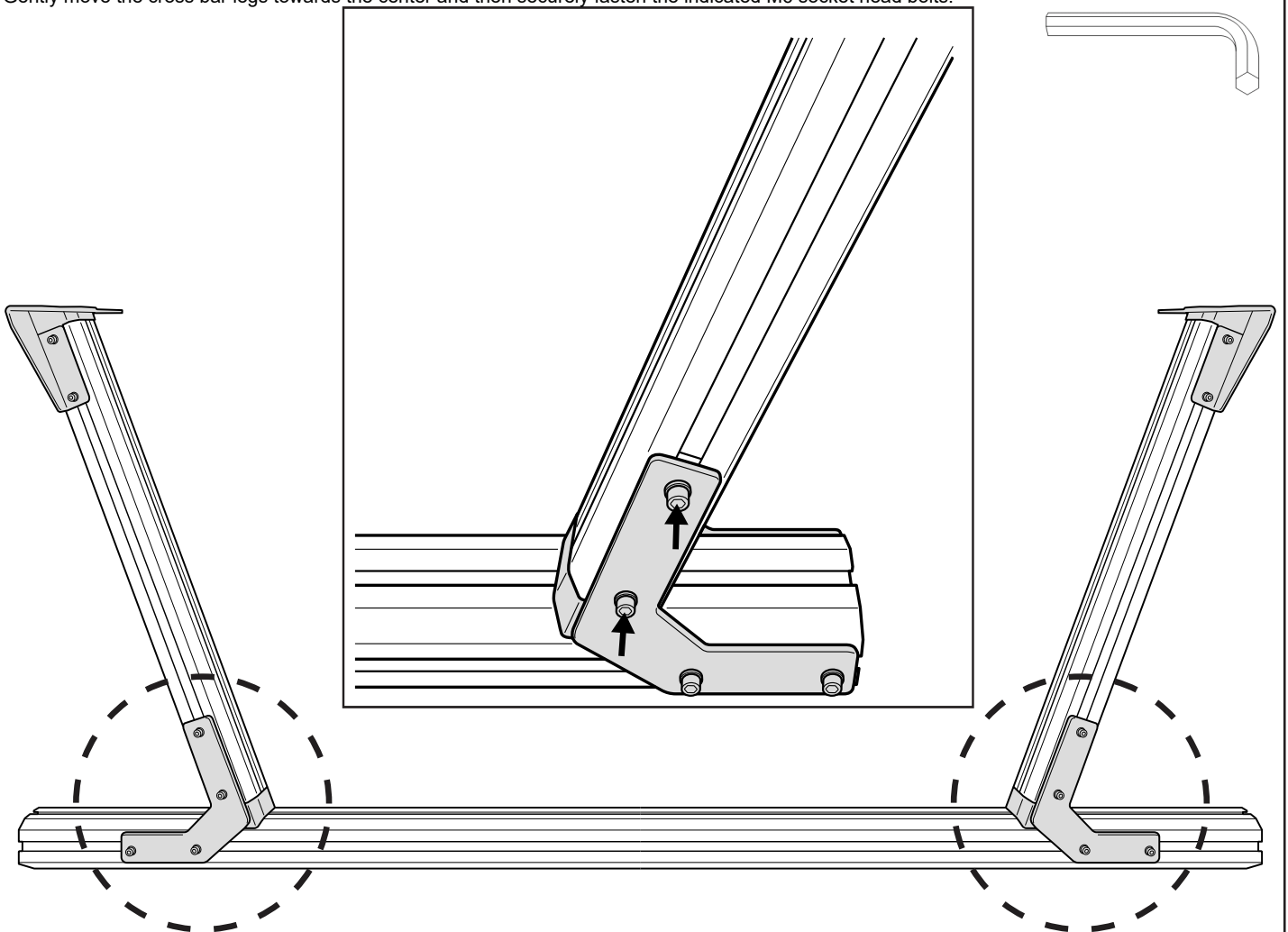
 **VISUAL TIP**



Apply firm pressure to the cross bar leg to ensure it is correctly seated and compresses LR-RC-002 against the crossbar.

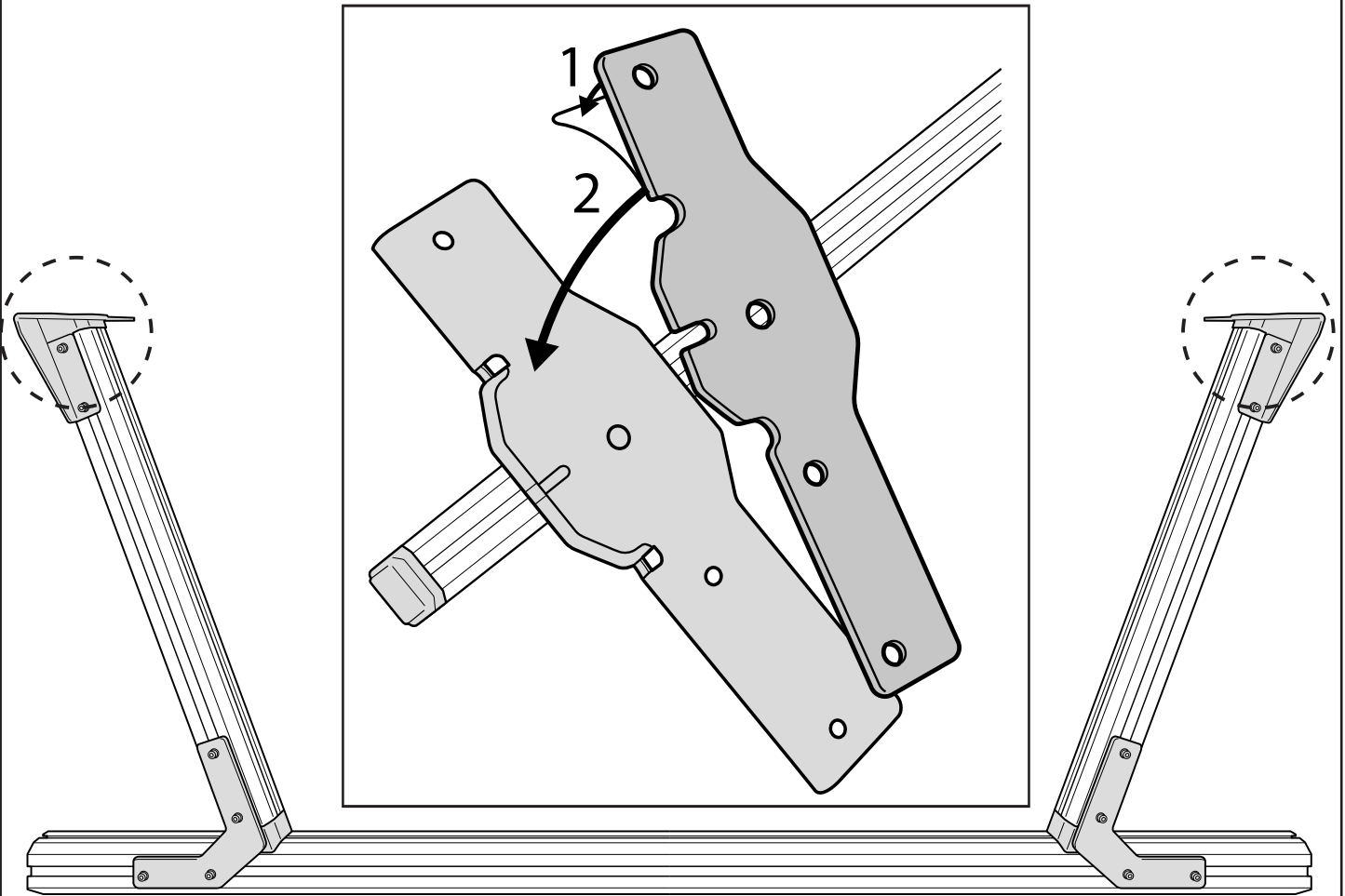


Gently move the cross bar legs towards the center and then securely fasten the indicated M6 socket head bolts.

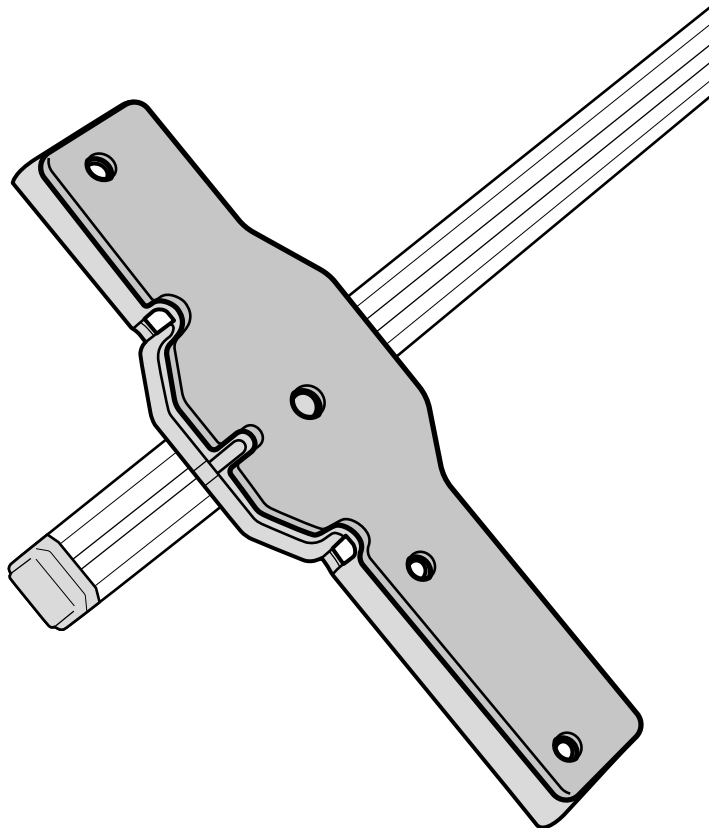


Follow these steps to attach the foam pad to both the LR-SF-002LH and LR-SF-002RH base, making sure to align it according to the provided instructions:

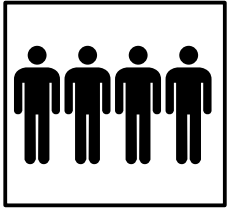
1. Remove the film from the foam pad.
2. Apply the foam pad to the base of the bracket.



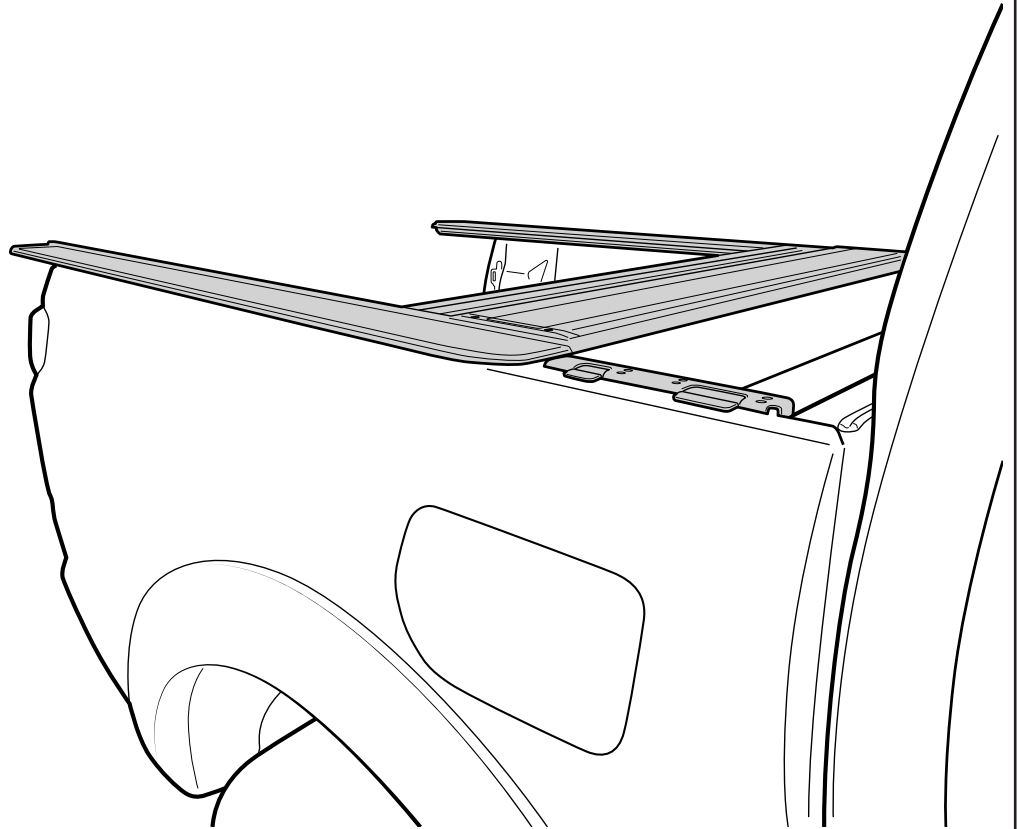
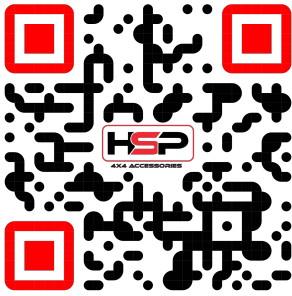
Completed view.



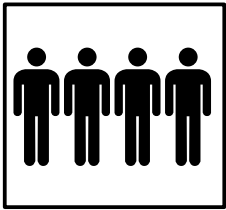
With caution and assistance, carefully place the Roll R Cover back onto the top rail of the ute tub, ensuring not to cause any damage. Stop just before reaching the load rack base brackets.



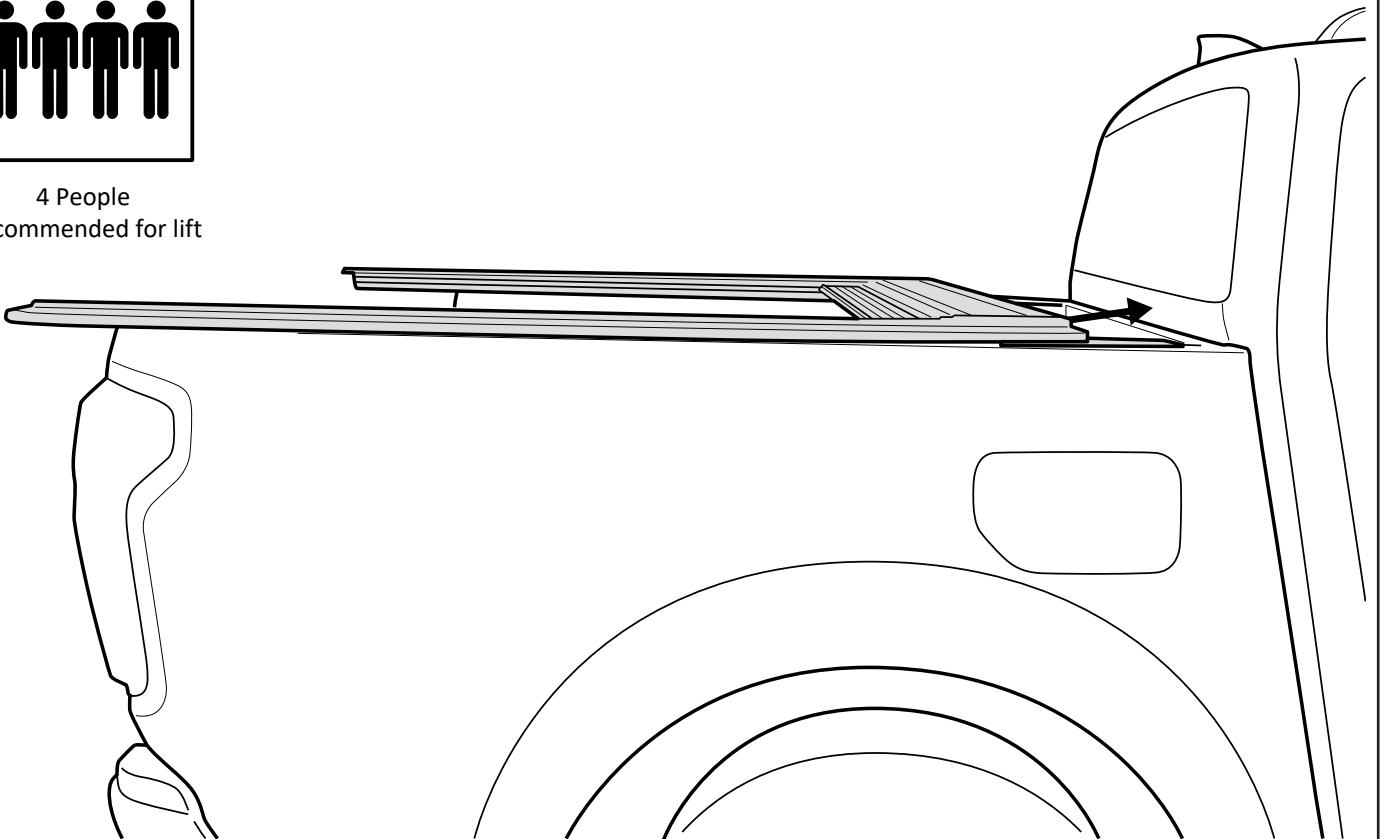
4 People
Recommended for lift



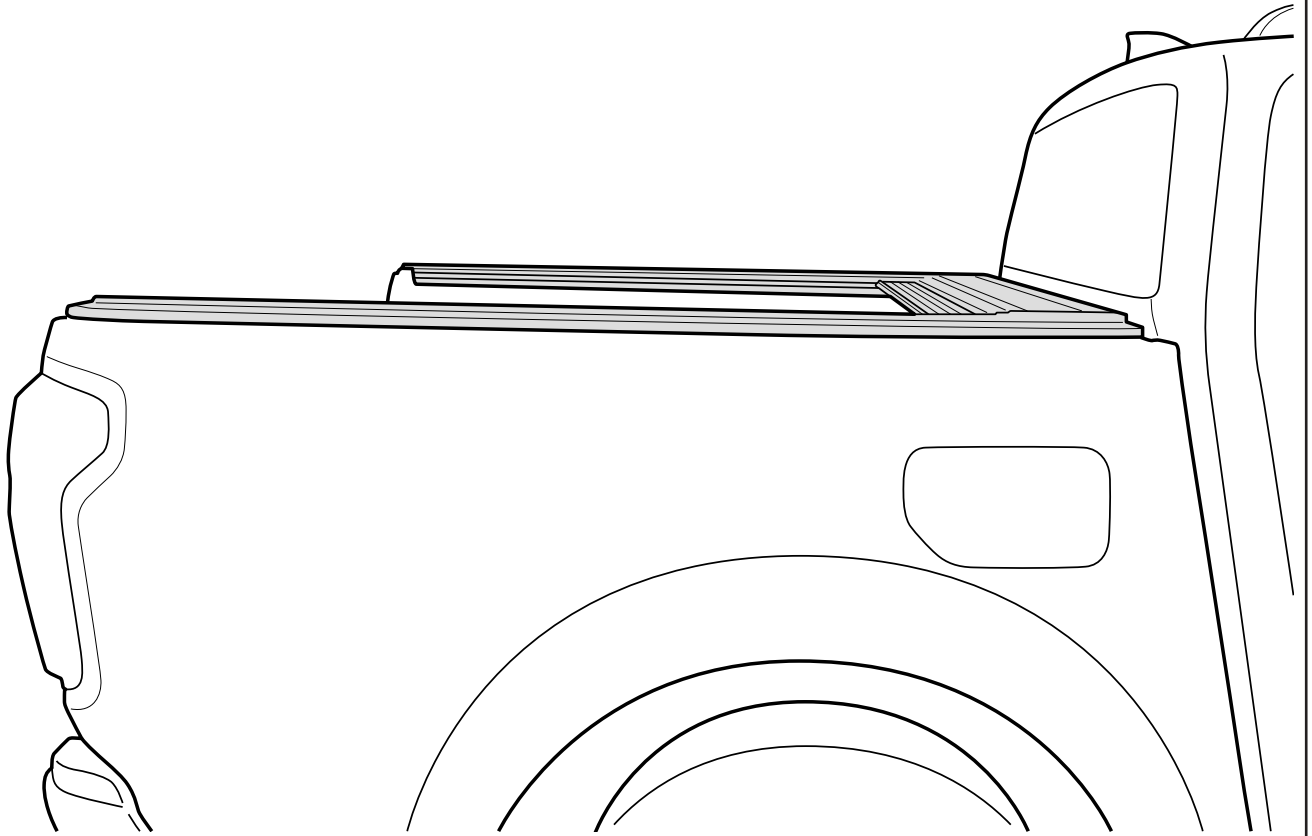
Exercise caution and seek assistance as needed. Gently raise the side rails and shift the roll r cover forward, allowing the motor and driver side rail to fit between the load rack's base brackets. Depending on the situation, it may be necessary for two individuals to lift the rear of the side rails to prevent any collisions between the side rail clamp brackets and the ute tub.



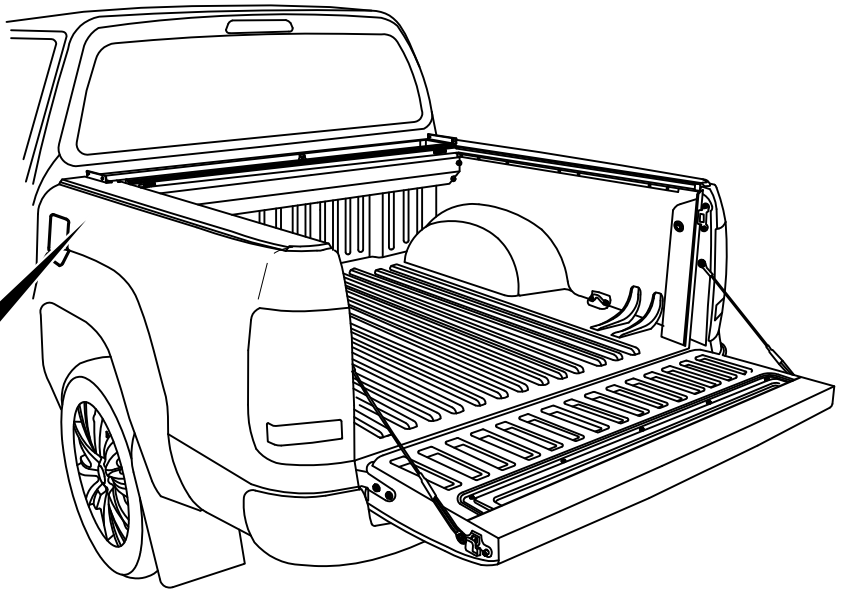
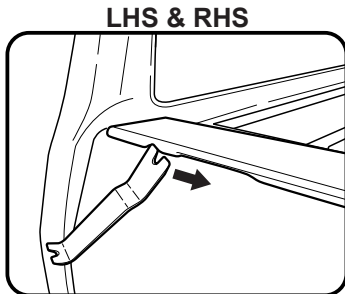
4 People
Recommended for lift



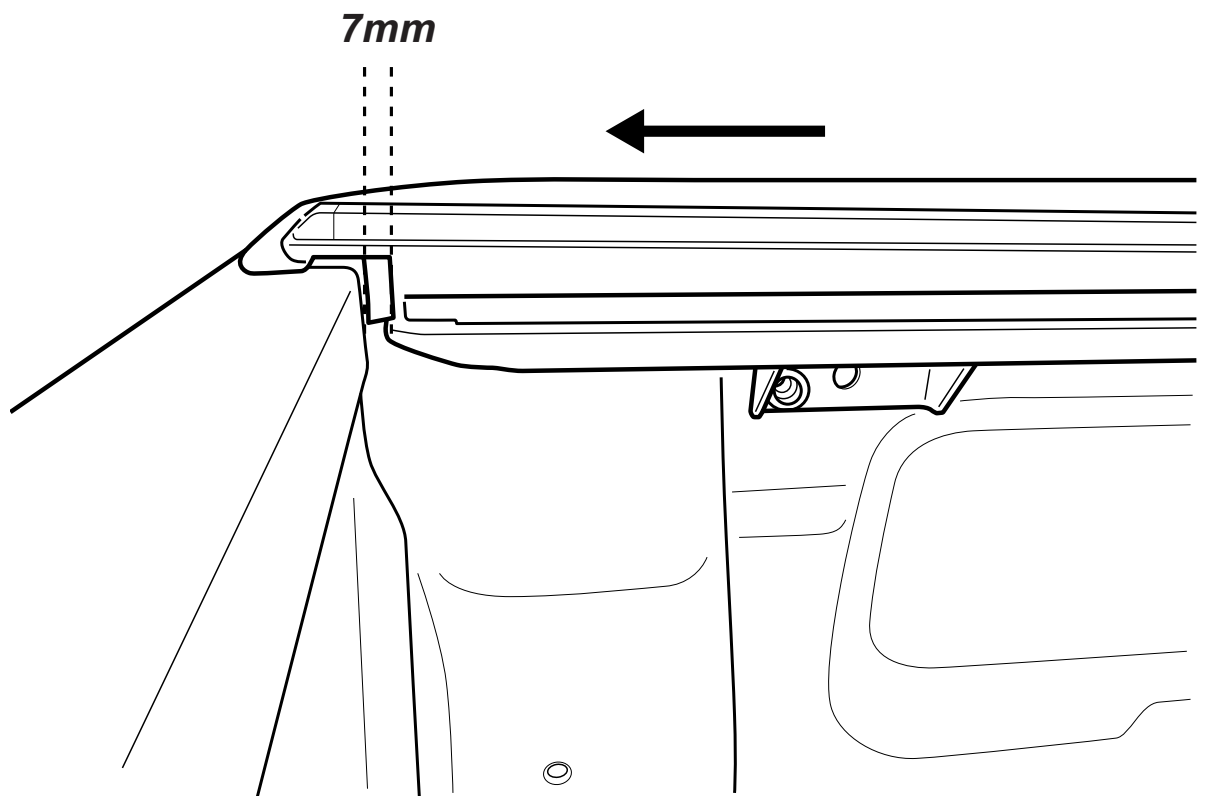
Completed View.



With care, pull out any side rubber that has folded under the side rail.

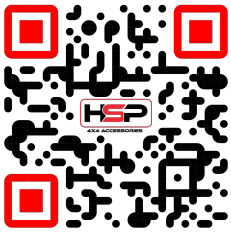


With the tailgate up (Closed position), Pull left & right hand side rails towards the tailgate, stopping short by 7mm between tailgate and side-rail endcap.



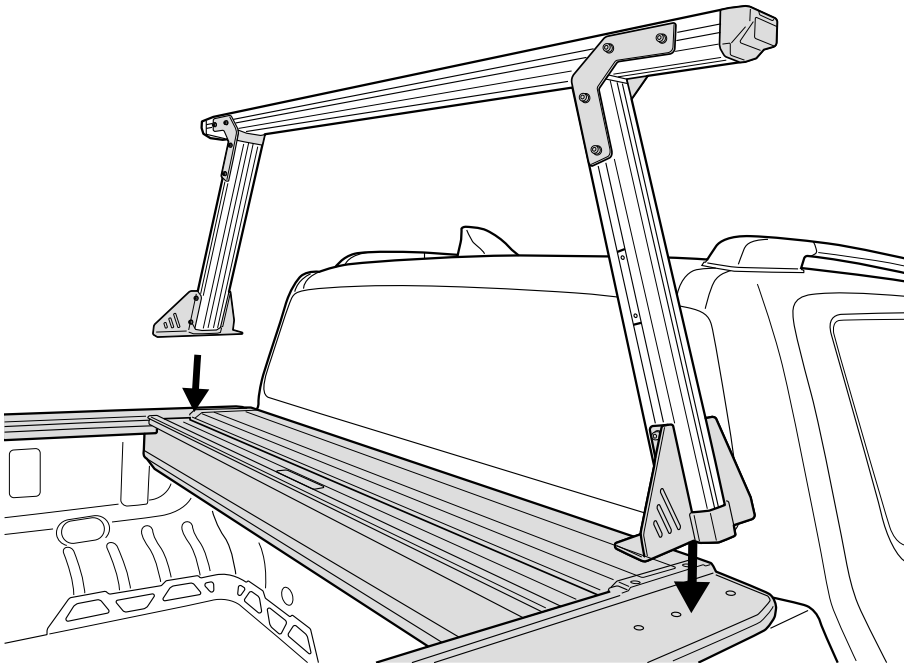
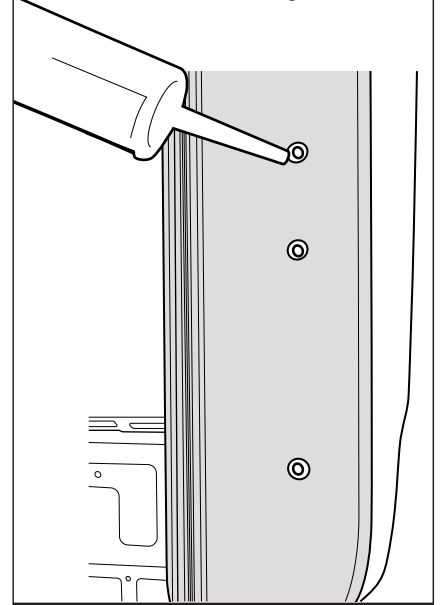
Foam compressed to 7mm when tailgate is closed.

Place the assembled load rack onto the side rails, aligning it with the previously drilled holes. Ensure that the load rack feet are centered with the holes on the side rails and the M6 threads of the base brackets that were previously installed on the ute tub. It is important to allow the cross bar legs to have flexibility to adjust inwards and outwards in order to achieve the proper alignment with the base bracket.

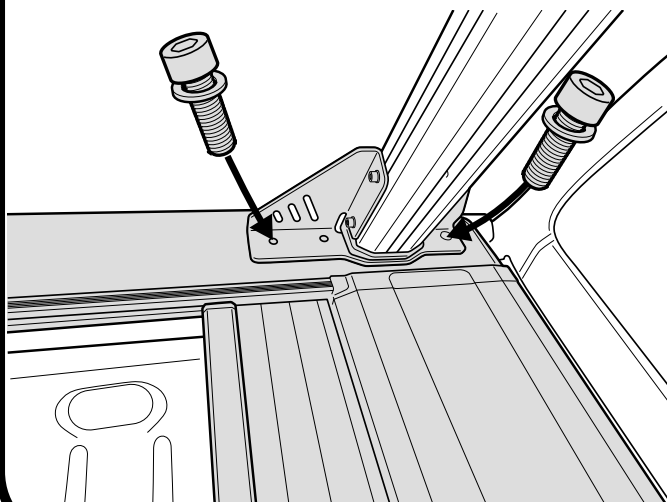


 **VISUAL TIP**

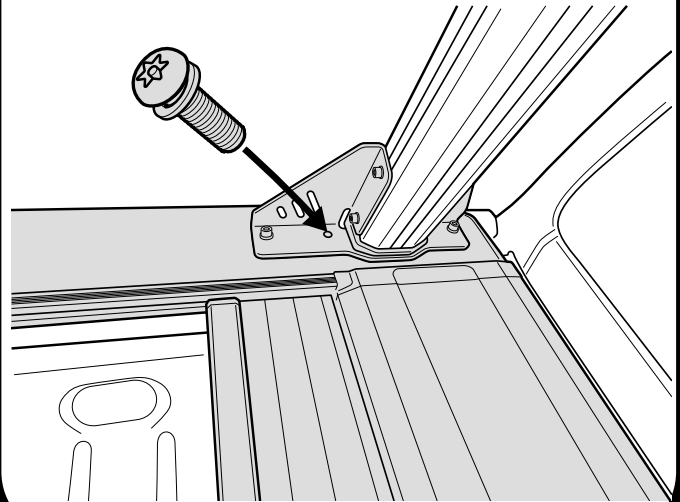
It is strongly advised to apply an adequate amount of sealant to each hole in order to minimize the risk of water ingress.



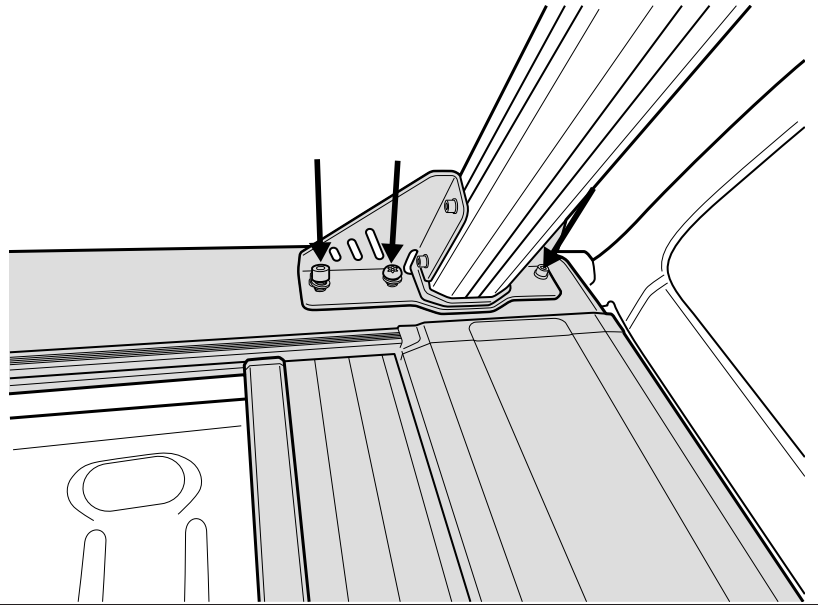
Loosely secure to the indicated locations using M6x20mm socket head bolts and M6 spring washer. Repeat to the other side.



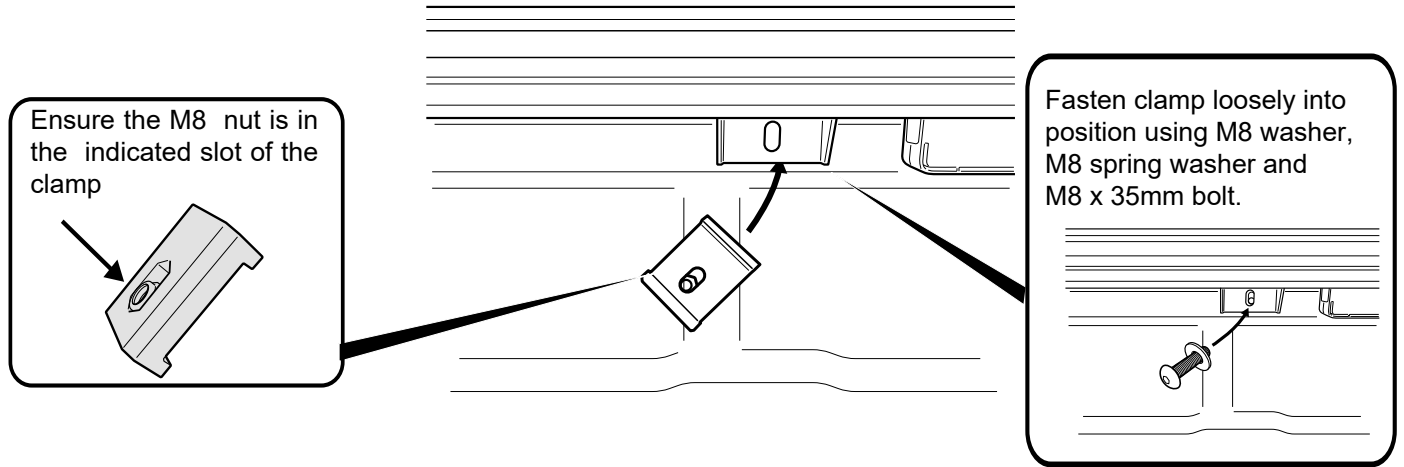
Loosely secure to the indicated location using M6x20mm security head bolt and M6 spring washer. Repeat to the other side.



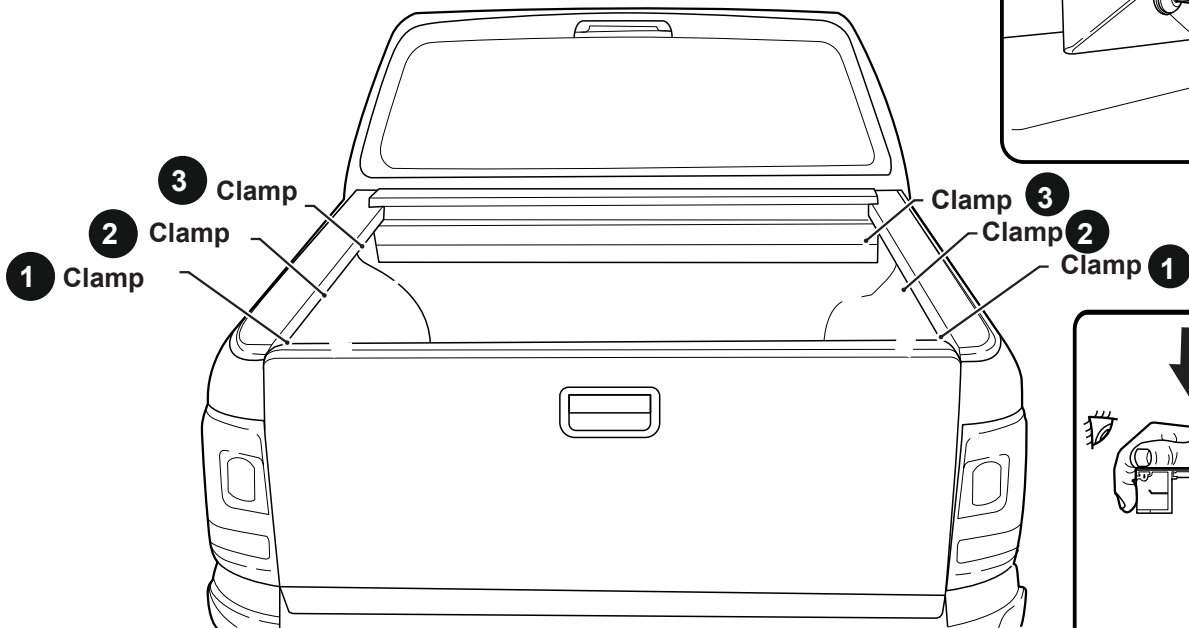
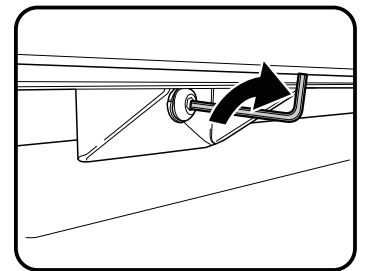
Securely tighten all indicated bolts.
Repeat to the other side.



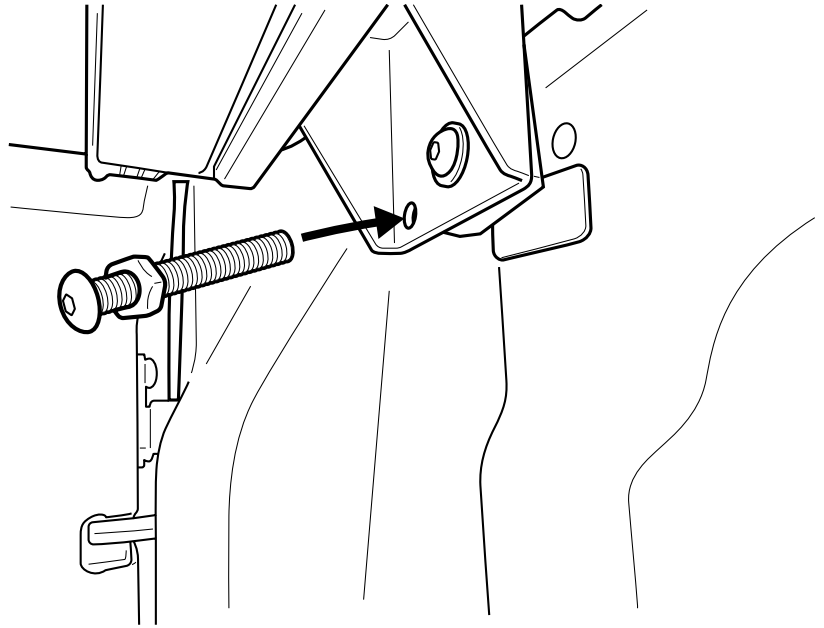
Position clamp behind the inner top lip of the bed rail and the **center elongated** hole of the side rail mounting brackets.
Repeat to all 6 positions.



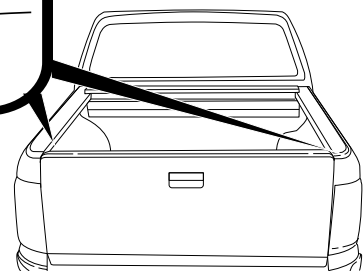
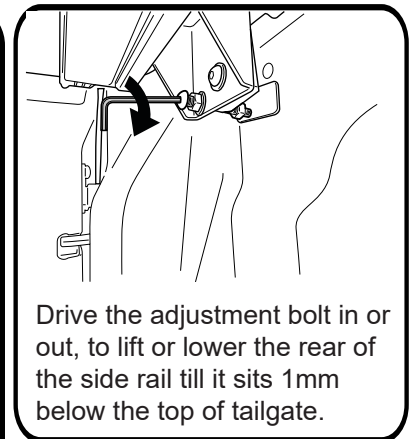
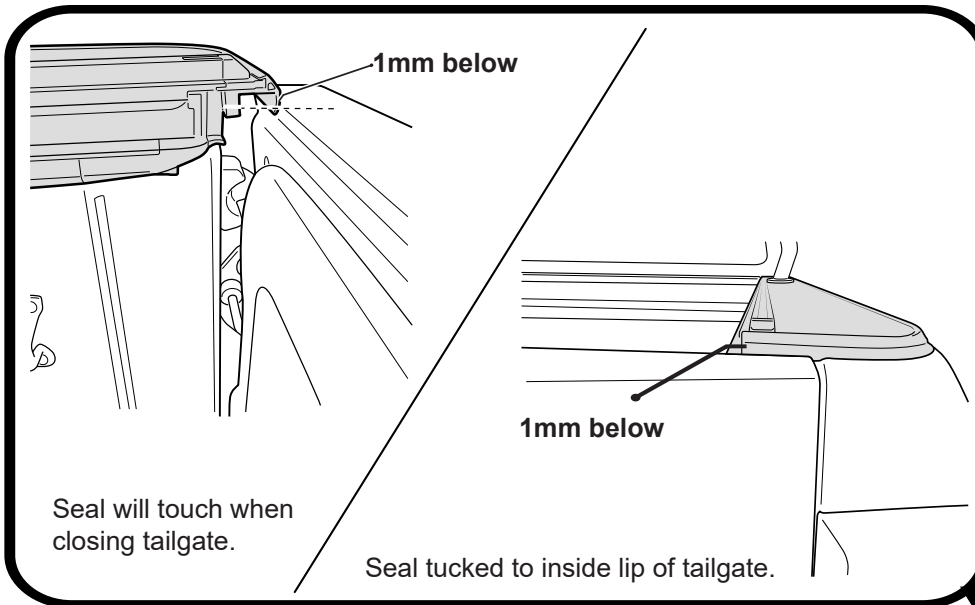
1. Apply downward pressure on side rails.
2. Lift **clamp** all the way up or as far up as possible then fasten clamp to 14Nm torque in the order indicated below.



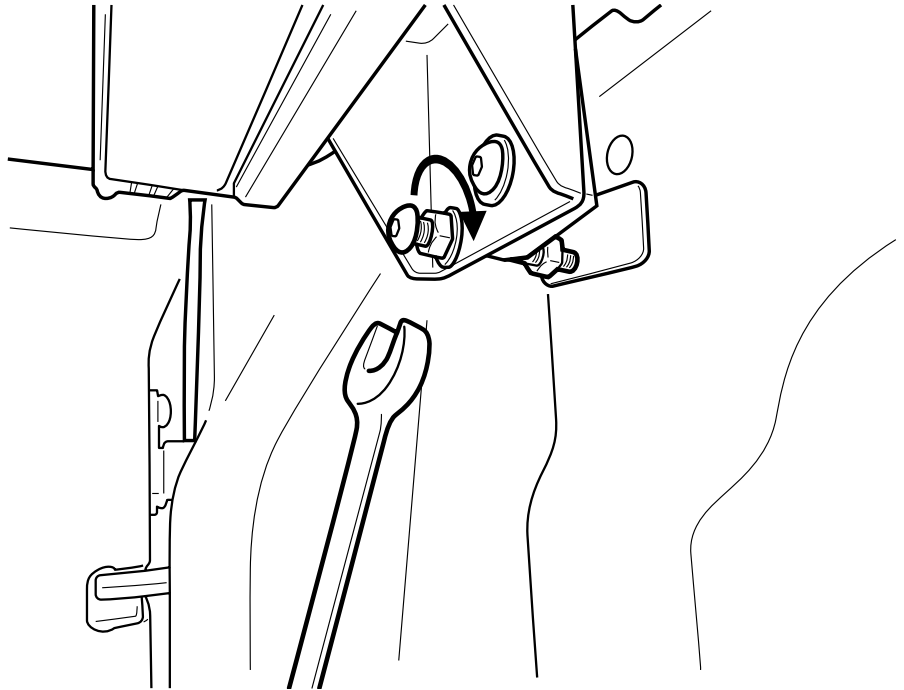
Feed M8 nut into M8x70mm bolt and through clamp bracket's pre-installed nutsurt as indicated.



Side rail rubber to sit 1mm below from the top of the tailgate in the closed position.



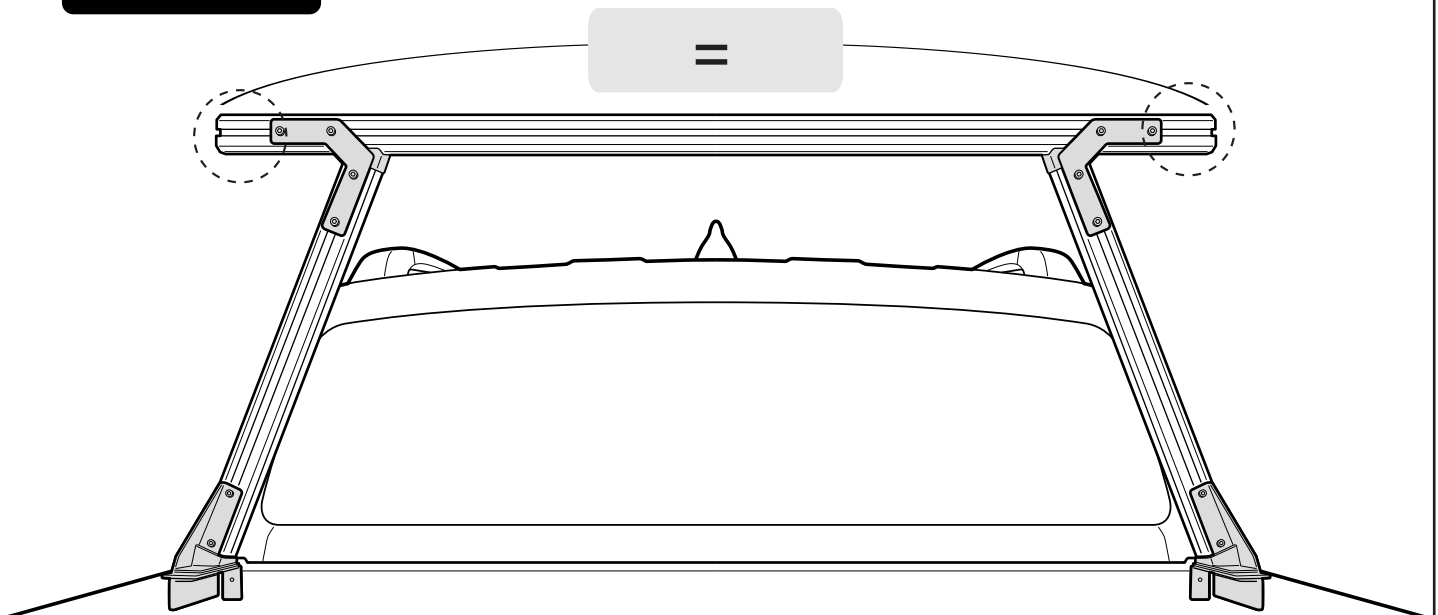
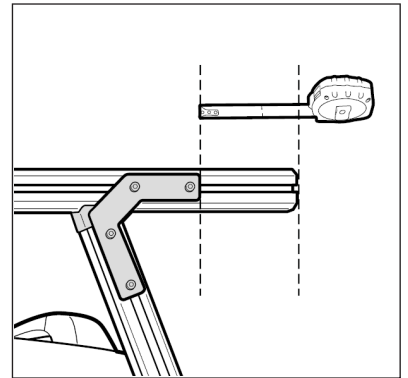
Fasten the M8 nut against clamp bracket.



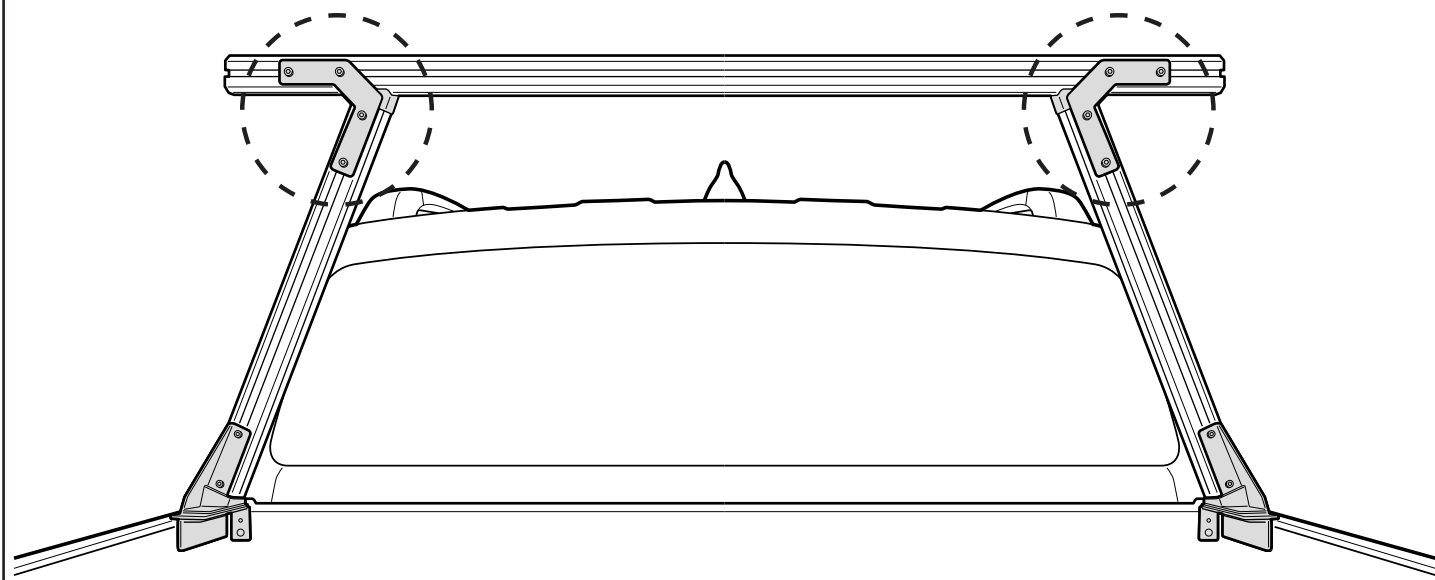
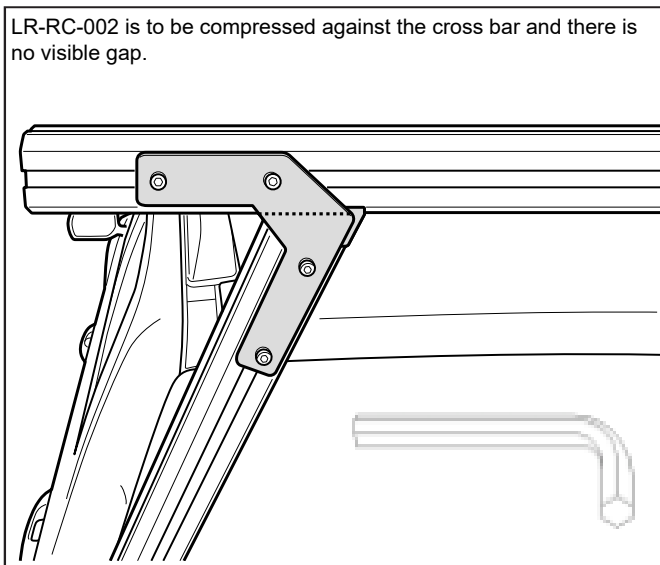
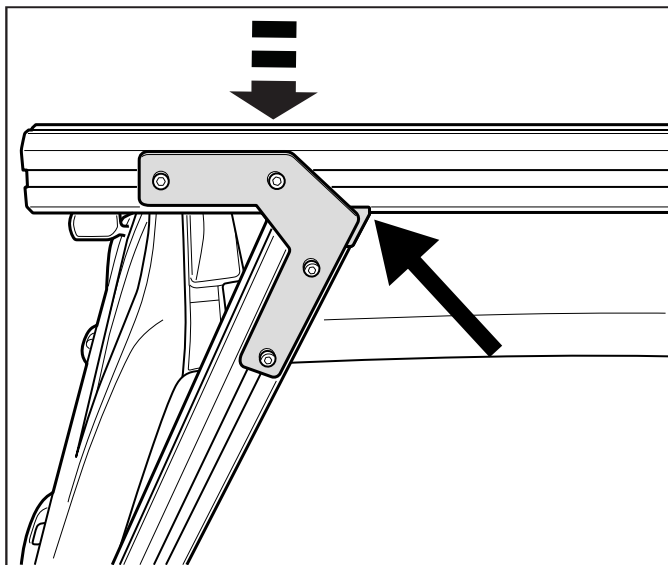
Measure and center cross bar.



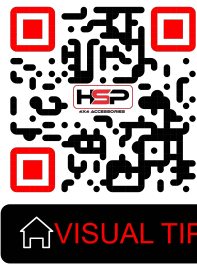
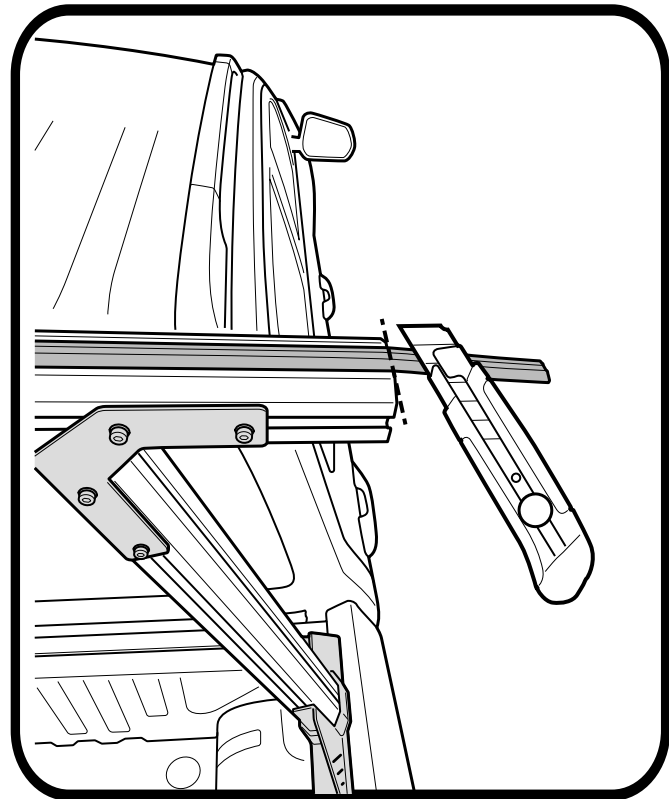
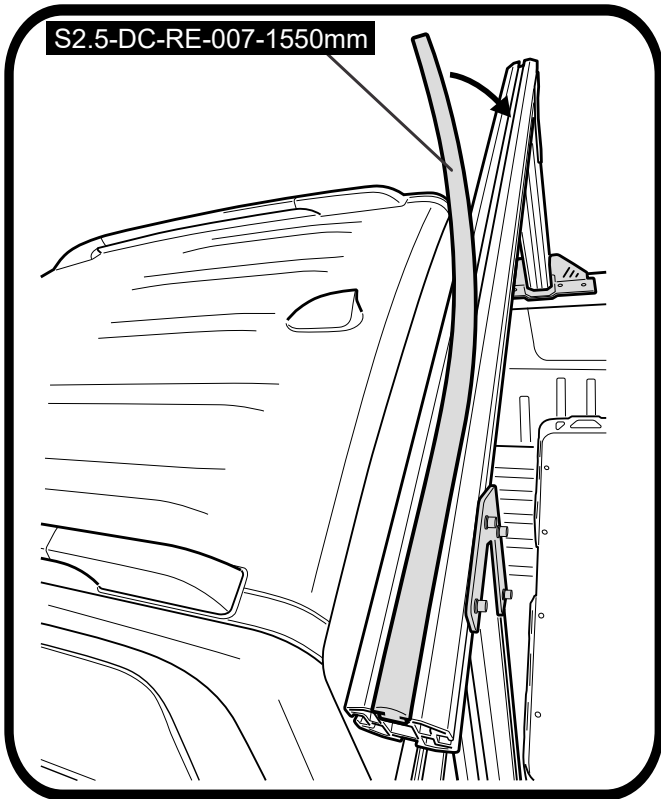
 VISUAL TIP



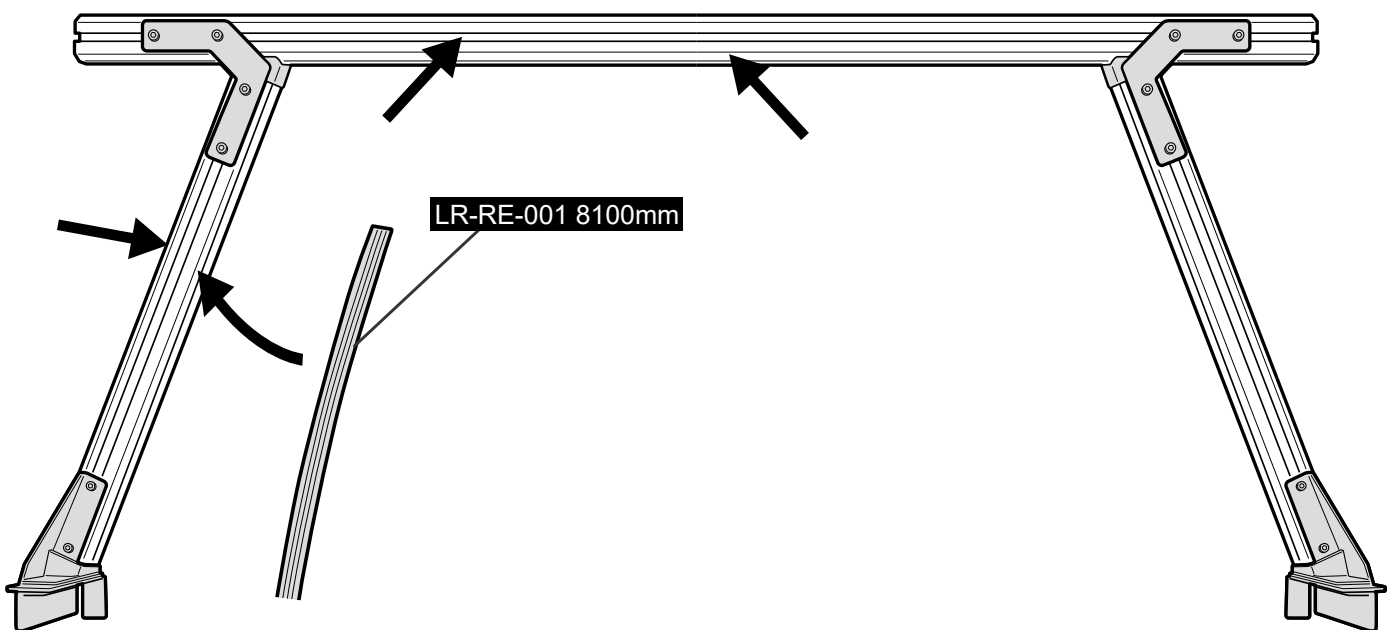
1. Apply firm pressure to the indicated location, ensuring that LR-RC-002 is compressed against the cross bar and there is no visible gap.
2. Securely tighten all M6x16mm socket head bolts.



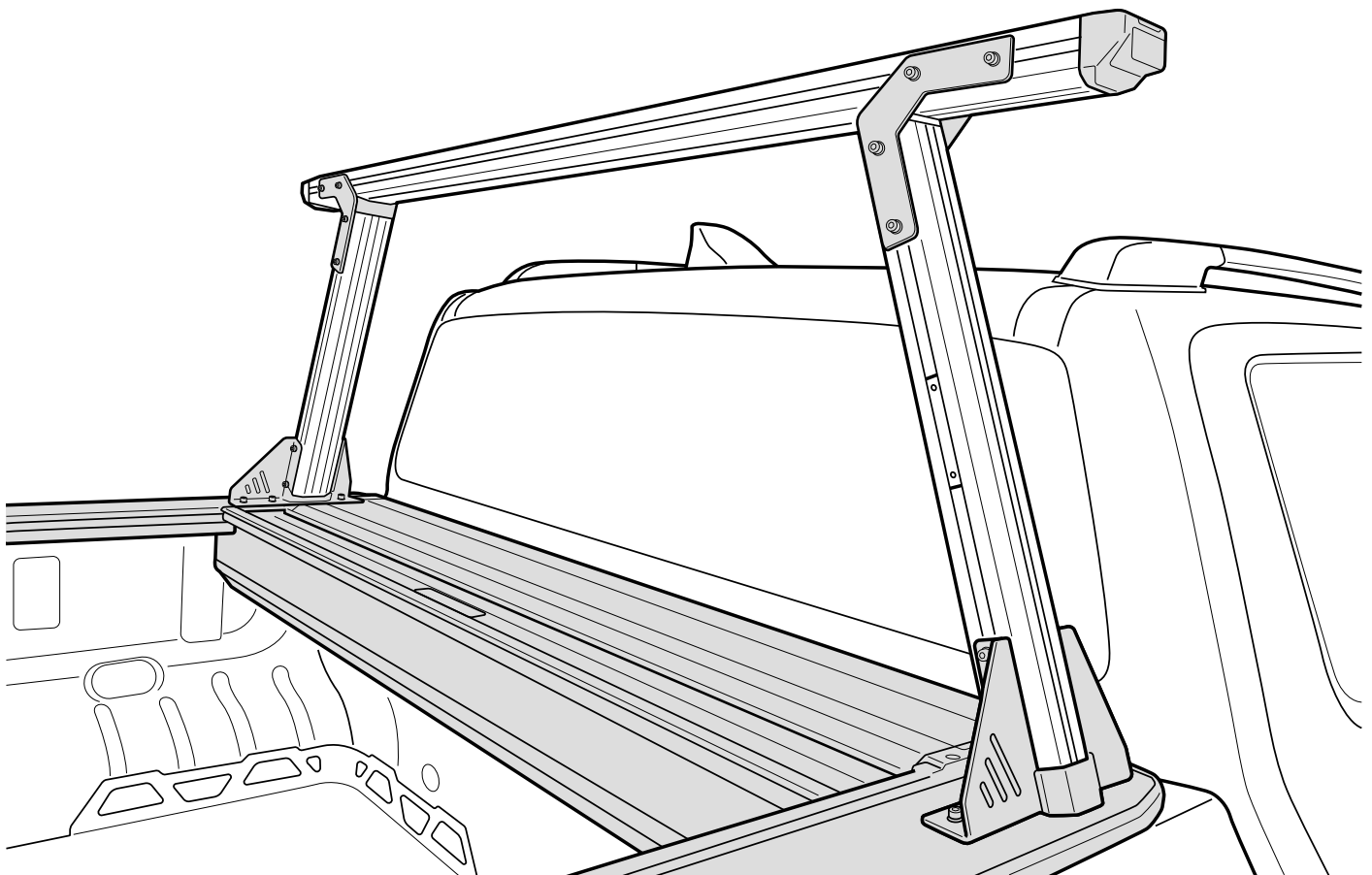
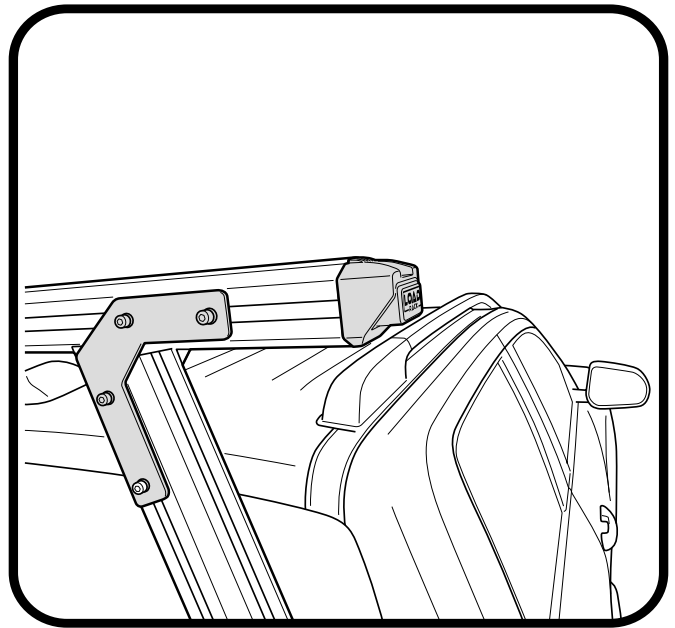
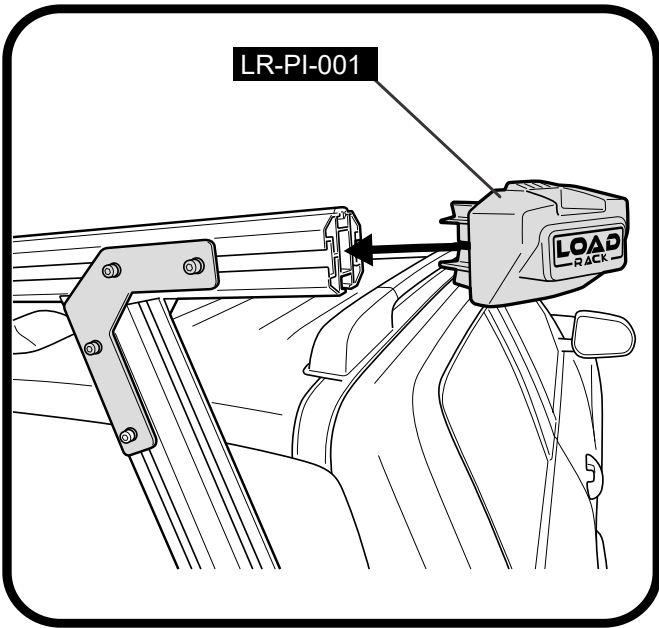
Place the rubber molding into the top channel of the cross bars and make sure that it is flush with each end. Avoid stretching the rubber molding. Trim any excess rubber and dispose of it properly.



Insert the rubber molding into all the exposed channels of the cross bars and the cross bar legs. Ensure that the rubber molding is cut 5mm longer on each end and tucked behind brackets. Avoid stretching the rubber molding during installation.



Install LR-PI-001 end caps onto the ends of the cross bars in the indicated orientation. Apply slight force if necessary to fit them firmly. Repeat to the other side.



**NOTE: The Load rack is rated to carry 60kg combined.
Exceeding the manufacturers recommended limit may cause issues and
result to canceling of your warranty.**



Please read the following disclaimer carefully before using our load racks. By using our load racks, you acknowledge and agree to the terms and conditions stated below.

Load Rack Ratings:

Our load rack system consists of a front rack and a rear rack, each with a maximum load capacity of 60kg. When the front and rear racks are coupled with the joiner, the combined load capacity is rated up to 150kg. These weight ratings apply solely to the racks themselves.

Vehicle Manufacturer's Guidelines:

It is essential to consult your vehicle manufacturer's guidelines to determine the permissible carrying capacity once our load racks are installed. The load-carrying capacity of your vehicle may vary, and it is crucial to adhere to the specific guidelines provided by the manufacturer. Please note that these guidelines may override the load capacity ratings of our load racks.

Consumer Guarantees:

Under the Australian Consumer Law, our load racks come with guarantees that cannot be excluded, including guarantees as to acceptable quality and fitness for purpose. You may be entitled to a replacement, repair, or refund if our load racks do not meet these guarantees. These consumer guarantees apply in addition to any other warranties or disclaimers stated in this disclaimer.

Limitation of Liability:

To the extent permitted by law, HSP (hereinafter referred to as "we," "our," or "us") will not be held liable for any damages or losses incurred to your vehicle or any third-party property as a result of using our load racks. It is the responsibility of the user to ensure that the load being carried is within the prescribed weight limits, securely fastened, and properly distributed.

Proper Installation and Usage:

We strongly recommend that you carefully follow the installation instructions provided with our load racks. Improper installation or usage may lead to instability, damage to your vehicle, or accidents. It is your responsibility to ensure that the load racks are correctly installed and used in accordance with the provided instructions.

Regular Inspections and Maintenance:

We advise conducting regular inspections of the load racks to check for any signs of wear, damage, or loose components. If any issues are detected, discontinue use immediately and seek professional assistance. Regular maintenance is essential to ensure the continued safe and proper functioning of the load racks.

Assumption of Risk:

By using our load racks, you acknowledge and accept the inherent risks associated with carrying loads on your vehicle. You assume all responsibility for any damages, injuries, or losses that may arise from the use of our load racks, whether directly or indirectly.

Tub Strengthening Requirements:

Please be aware that your vehicle manufacturer may require additional strengthening of the tub in certain cases. This responsibility falls on the user/purchaser, and it is crucial to comply with such requirements as specified by your vehicle manufacturer.

Please note that this disclaimer does not exclude, limit, or modify any rights or remedies available to you under the Australian Consumer Law or any other applicable legislation. If you have any questions or concerns regarding our load racks or your consumer rights, please contact us or seek independent legal advice.

If you do not agree with any part of this disclaimer or if any provision of this disclaimer is held to be invalid or unenforceable, the remaining provisions will continue in full force and effect.

If you have any questions or concerns regarding our load racks or this disclaimer, please contact us for further clarification.