

INSTALLATION INSTRUCTIONS

**LOAD Rack Pro Set to suite Kia Tasman
Front, Rear & Assembly Bar Fitted To
Roll R Cover Only.**



This instruction may refer to only one side of the vehicle or one side of a two-part component; repeat the steps for the other side where necessary.
All illustrations are for reference only and may not correspond to your specific vehicle.



Application list:
Kia Tasman

KIT 21

KIT 22

INSTALLATION TIME:90minutes (Approximately)

IMPORTANT	• Do not exceed load limit indicated by manufacture. • If contact with volatile chemicals occur, clean bars with mild detergent and water solution		
Care Instructions	• 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 border="0"> <tr> <td> • Pen / Marker • Soapy water solution • Allen Key set • Screw driver • Trim Removal Tool </td> <td> • Scissors & Knife • Spanner & Socket • Tape measure </td> </tr> </table>	• Pen / Marker • Soapy water solution • Allen Key set • Screw driver • Trim Removal Tool	• Scissors & Knife • Spanner & Socket • Tape measure
• Pen / Marker • Soapy water solution • Allen Key set • Screw driver • Trim Removal Tool	• Scissors & Knife • Spanner & Socket • Tape measure		

PERSONAL PROTECTIVE EQUIPMENT:



Rubber Gloves



Goggles



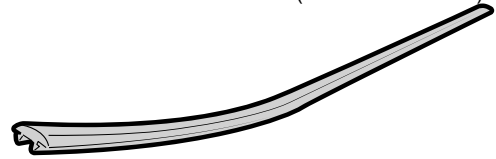
Hearing Protection

BOTH BOX CONTENTS

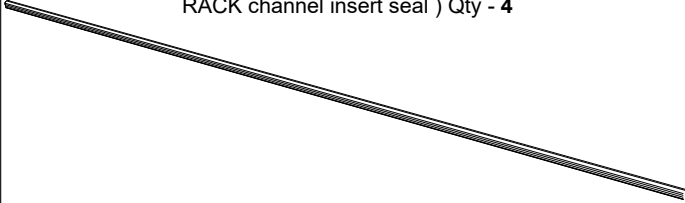
PART NO. LR-AE001-1466mm (LOAD RACK CROSS BAR) Qty - 2



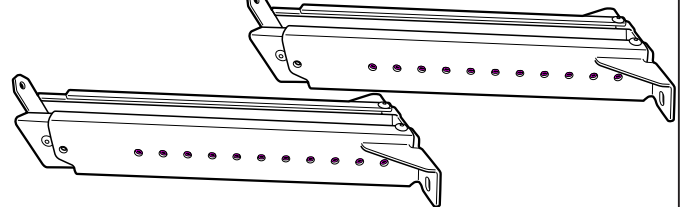
PART NO. S2.5-DC-RE-007-1550mm (Cross Bar Rubber) Qty - 2



PART NO. LR-RE-001 1500mm (LADDER
RACK channel insert seal) Qty - 4



LR-SF-016 KIA Base leg Qty - 4



Pack 1 (Qty - 2)

LR-PI-001



END CAP
Qty - 2



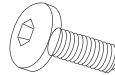
SELF
DRILLING
SCREW
Qty - 2



M8 HEX NUT
Qty - 8



M8 SPRING
WASHER
Qty - 8



M8x20mm
H5 Allen head,
Qty-8



M8x25mm H5
Allen head, with
spring washer &
mudguard flat
Washer
Qty-4



M6x12mm
SOCKET
HEAD BOLT
Qty - 4

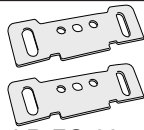
LR-SM-001



CHANNEL
NUT
Qty - 2

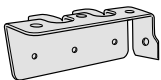


S5 ALLEN KEY
Qty - 1

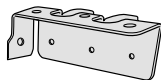


LR-FG-005
Foam Foot
PAD
Qty - 2

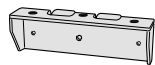
Pack 14



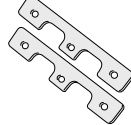
LR-SF-014
Sleeve Rear
Bracket_LH
Qty - 1



LR-SF-014
Sleeve Rear
Bracket_RH_2
Qty - 1



LR-SF-013
Sleeve Front
Bracket_KIA
TAS
Qty - 2



LR-FG-004
Foam
Sleeve PAD
Qty - 4



M8x25mm H5
Allen head, with
spring washer
& mudguard flat
Washer
Qty-2



M8 Mudguard
flat Washer
Qty-4



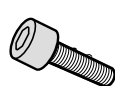
SELF
DRILLING
SCREW
Qty - 6



M6 Square Nut
Qty - 4



M6 Flat Washer
Qty-4



M6x35mm
SOCKET
HEAD BOLT
Qty - 4



M6X35mm
Socket Head
Bolt
Qty - 4

CONTINUED

BOX CONTENTS

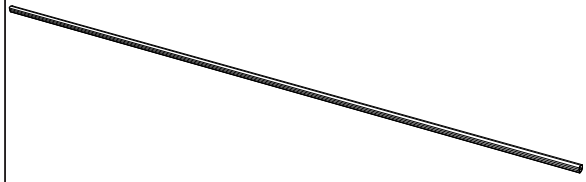
ACCESSORIES BAR

PART NO. LR-AE001-1163mm (LOAD RACK CROSS BAR)



Qty - 2

PART NO. LR-RE-001 1200mm (LADDER RACK channel insert seal)



Qty - 8

LR-SM-001



CHANNEL NUT

Qty - 4



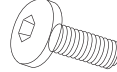
M6x12mm
SOCKET
HEAD BOLT
Qty - 8



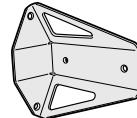
M8 HEX NUT
Qty - 8



M8 SPRING
WASHER
Qty - 8



M8x20mm
H5 Allen head,
Qty-8



LR-ASS-009
Side Bracket
Qty-4

The load rack cross bar's have a wide and a narrow face.

1. On the wide face, use the rubber molding (S2.5-DC-RE-007) and push it into the channel of the cross bars. Ensure it is flush with each end, avoiding any stretching of the rubber molding.
2. On both narrow faces, use the rubber molding (LR-RE-001) and push it into the channel of the cross bars. Ensure it is flush with each end, avoiding any stretching of the rubber molding.
3. Trim any excess rubber molding that hangs out

LR-RE-001

x 2

S2.5-DC-RE-007

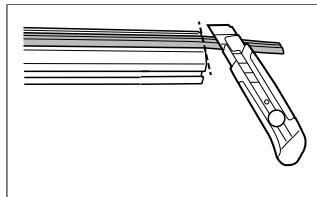
LR-RE-001



S2.5-DC-RE-007



LR-RE-001



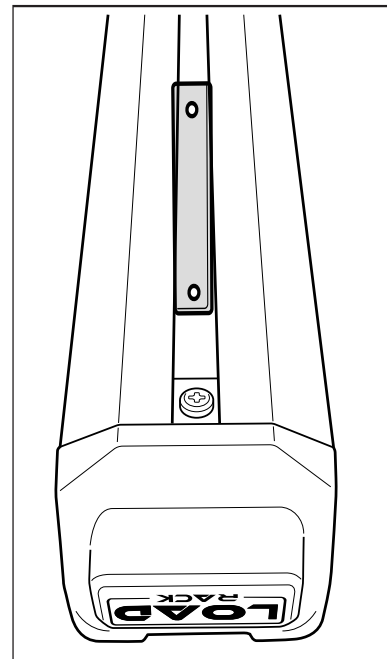
Turn the cross bar around so that the wide face without rubber molding is facing you

- a. Feed 2 channel nuts (LR-SM-001) into the indicated channel.
- b. In the indicated orientation, push end caps (LR-PI-001) all the way in to the extrusions both ends.
- c. Using the provided self-drilling screw, carefully secure the end cap into position by drilling through the end cap plastic tab and into the cross bar at the indicated location.

c

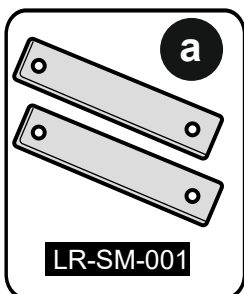
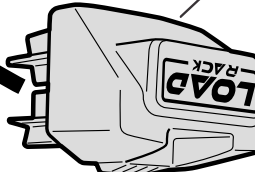
b

LR-PI-001



LR-PI-001

b



a

LR-SM-001

c

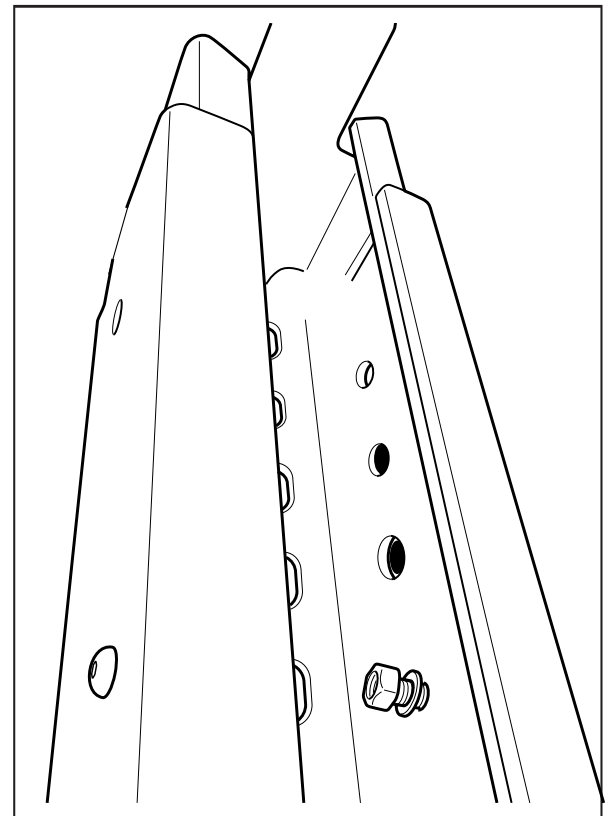
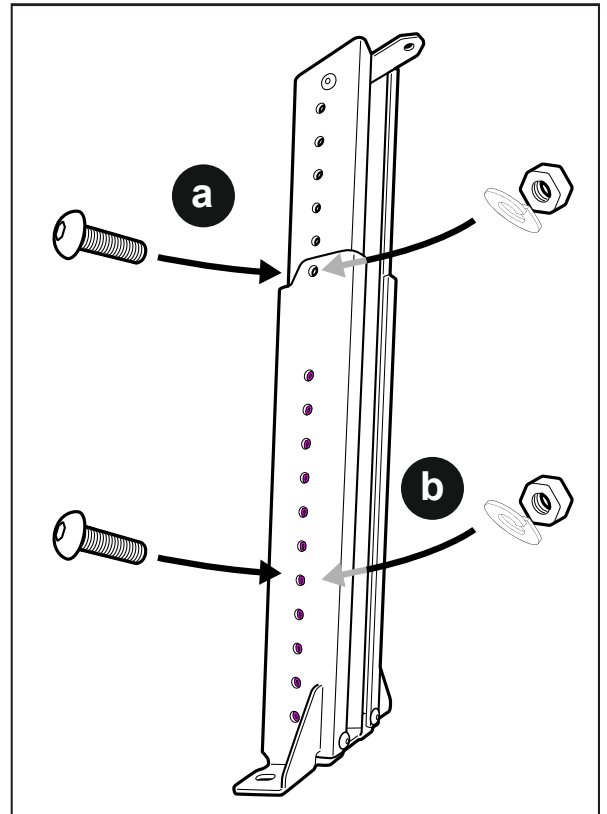
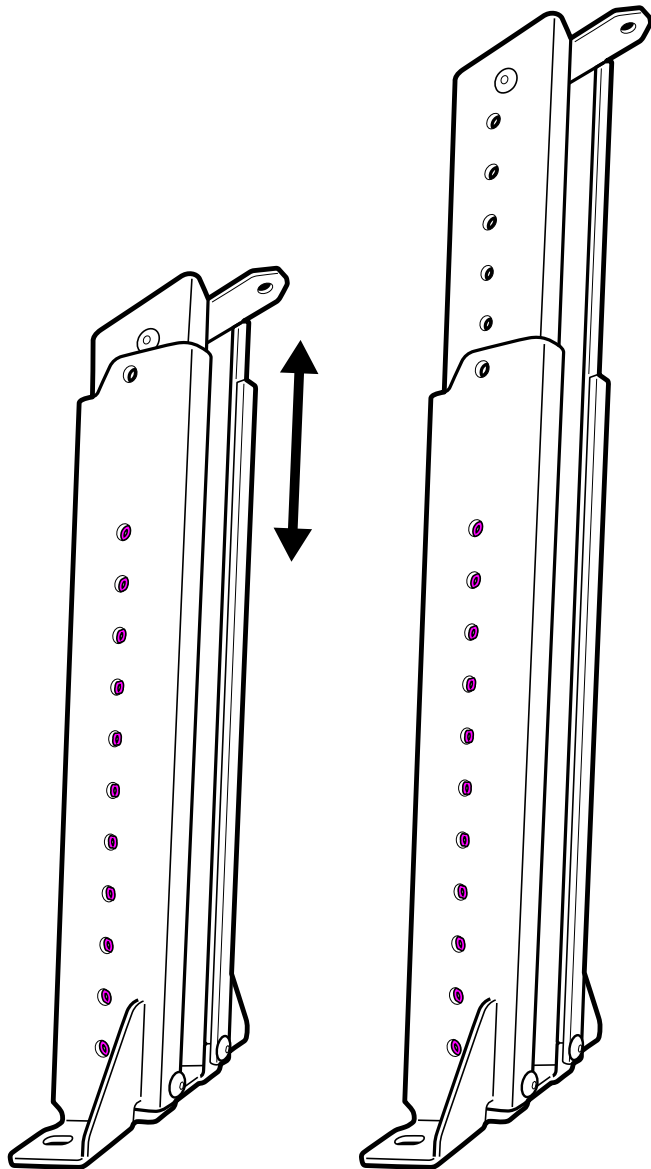


The upright legs (LR-SF-016 KIA Base leg) of the ladder racks are adjustable. When assembled along with the cross bar on top of the ute tub or roll top, **they range from a minimum height of 450mm to a maximum height of 700mm.**

As a guide, measure from the top of the ute tub's headboard to the center height of the ute cabin. Use this measurement to determine how much higher you want the top of the rack to sit above the cabin roof, noting that the legs can be adjusted in **25mm** increments plus/minus.

It is recommended, but not necessary, to set your height at this point. Once you have chosen the desired height, lock it into place by following these steps:

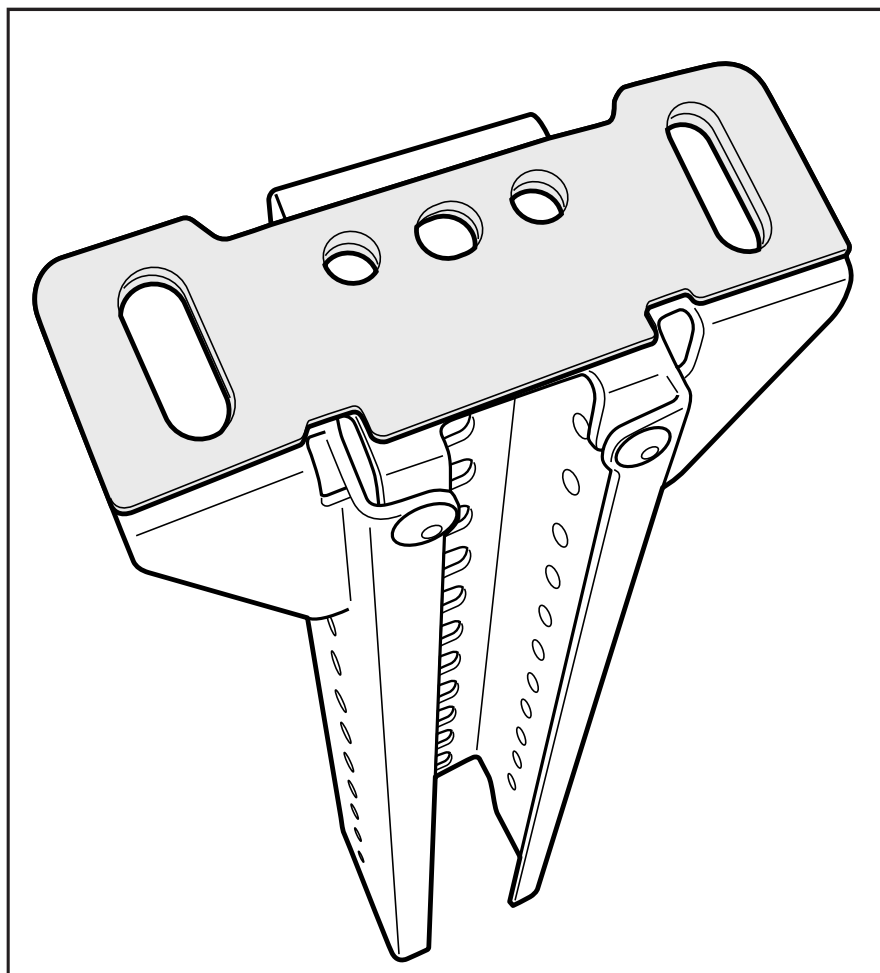
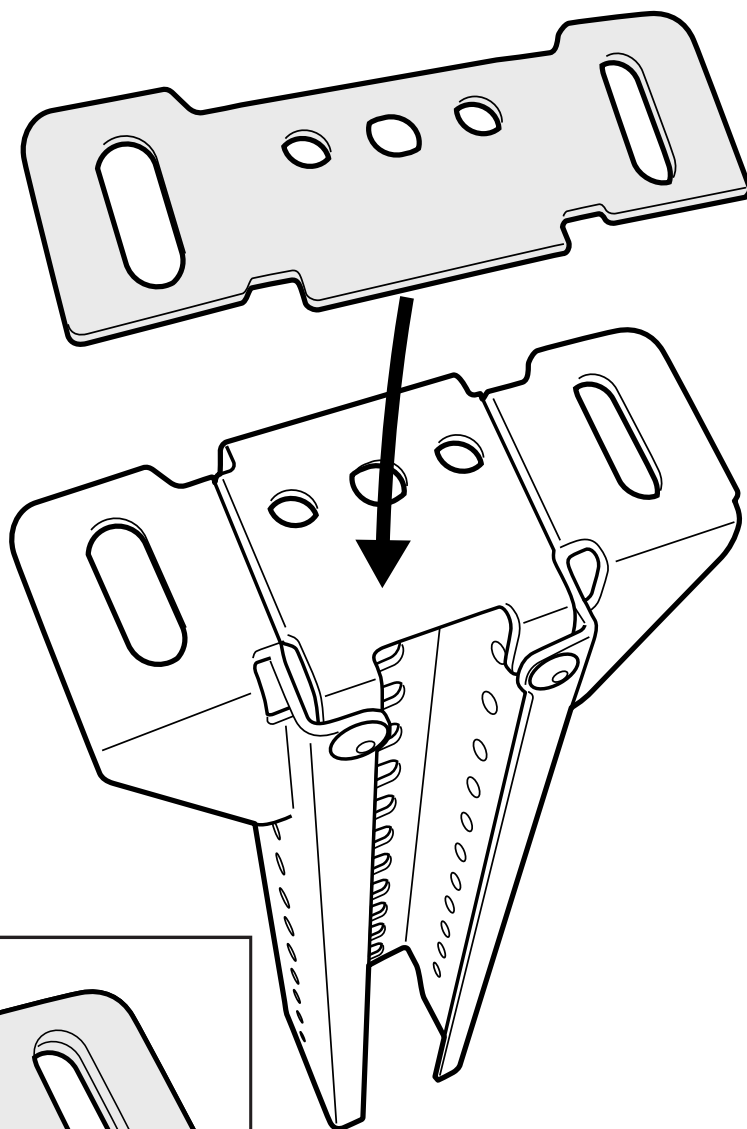
- On the outer sleeve of the leg, choose the top holes as indicated. Feed the supplied M8x20mm Allen head bolt through the holes of both sleeves of the uprights. Secure it in place using an M8 spring washer and an M8 nut.
- On the inner sleeve of the leg, choose the bottom holes as indicated. Feed the supplied M8x20mm Allen head bolt through the holes of both sleeves of the uprights. Secure it in place using an M8 spring washer and an M8 nut



When assembled with the crossbar on top of the ute tub or roll top, the height will range from a minimum of 450mm to a maximum of 700mm, increasing in 25mm increments from the lowest height.



Using the foam pad (LR-FG-005 Foam Foot PAD), apply it to the base of the leg as indicated



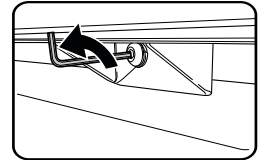
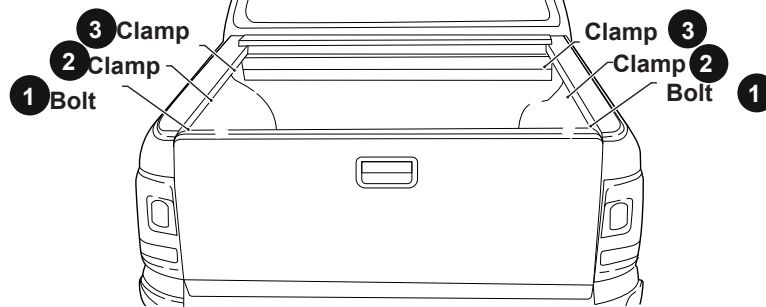


IF YOUR ROLL R COVER IS NOT FITTED TO THE VEHICLE PLEASE SKIP NEXT TWO STEPS

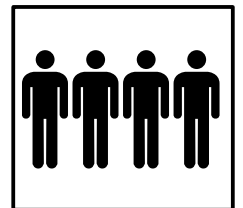
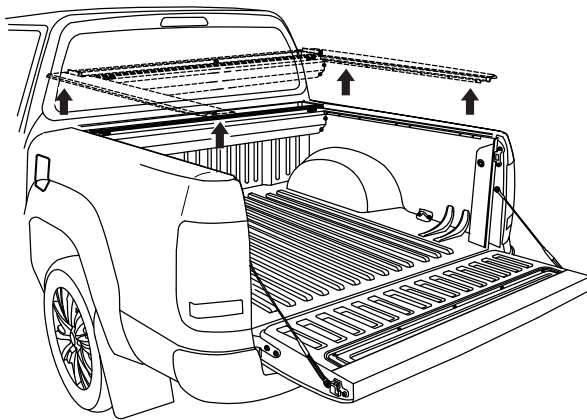


ROLL R COVER PREPERATION

1. Loosen and retian all indicated bolts that are securing the bracket of the roll covers to the ute tub.
2. Take out the drainage points from the canister.

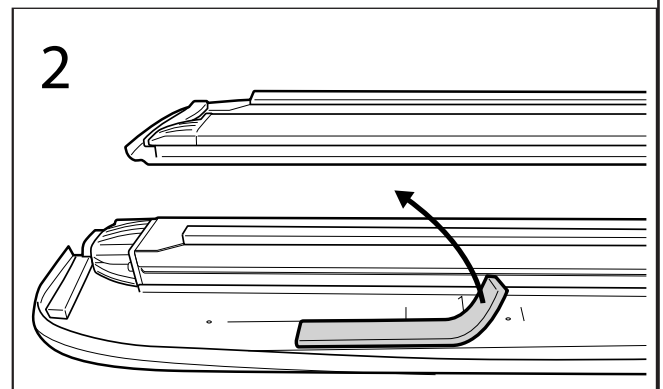
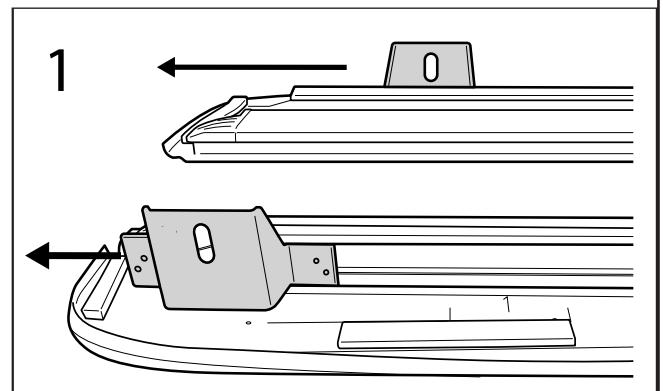
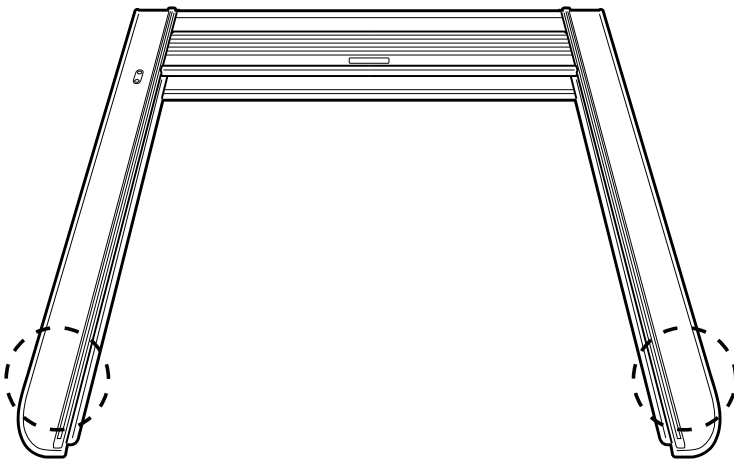


With aid Remove Roll-R-Cover unit from the ute tub.



4 People
Recommended for lift

1. Remove and discard the rear clamp brackets on the left and right side rails as indicated.
2. If your side rail is fitted with a foam pad at the rear of the side rails, remove and discard.



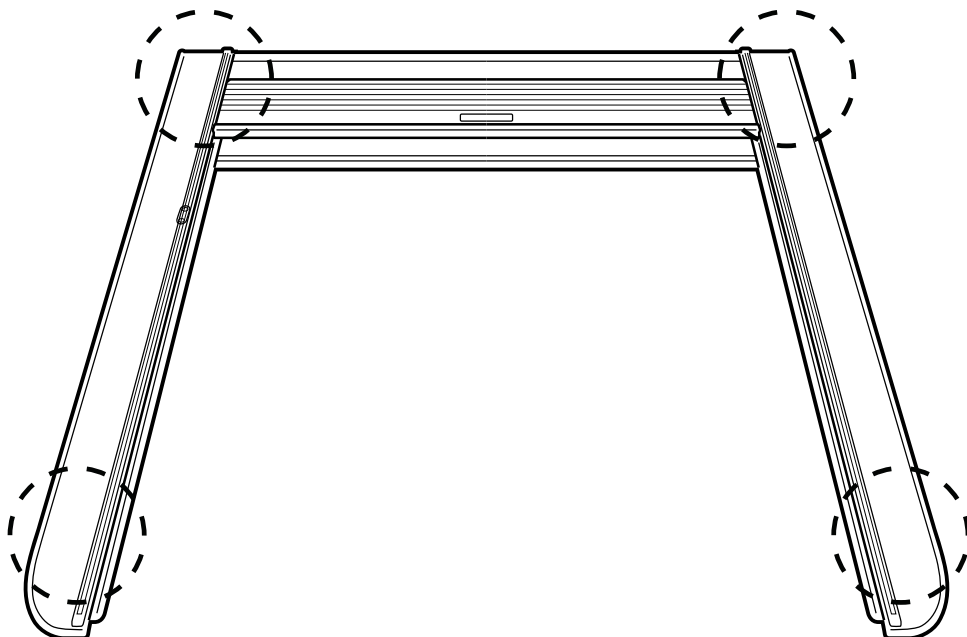
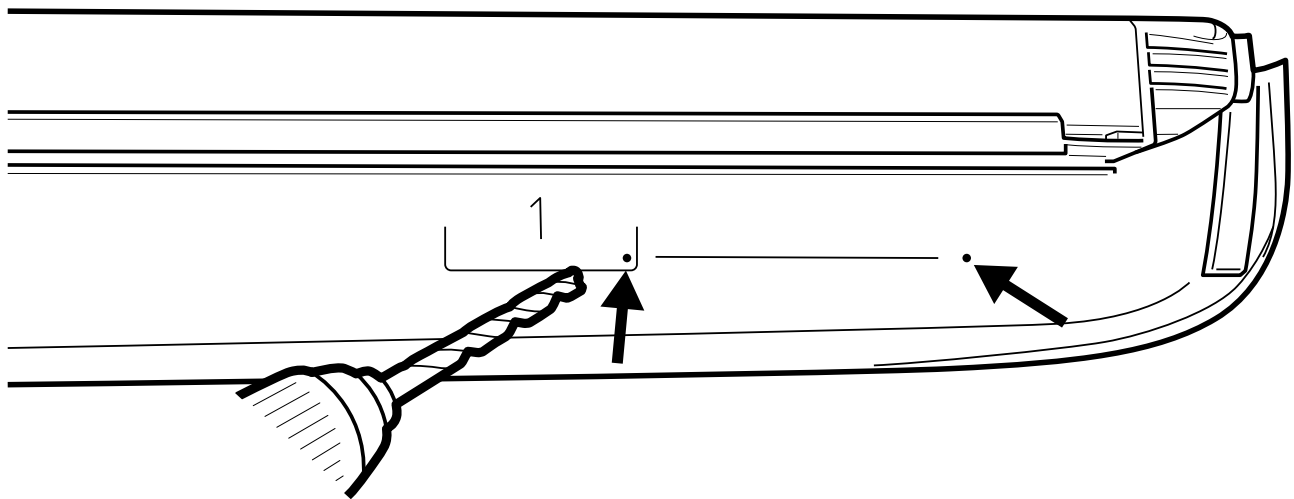
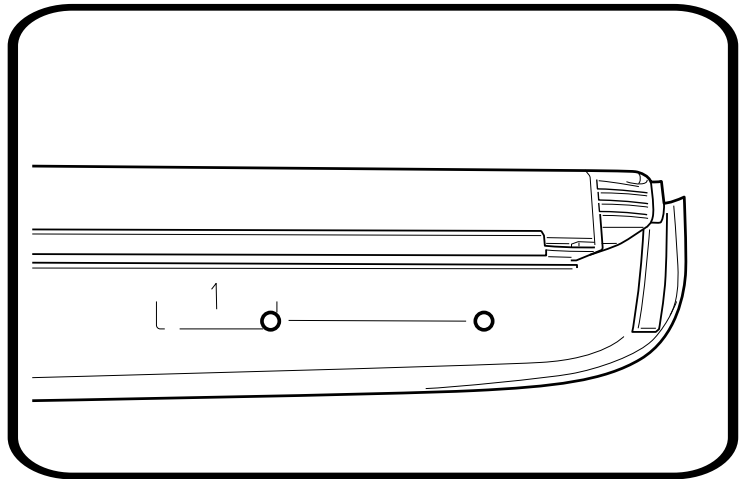
VISUAL TIP

To identify the drilling points on your roll cover side rails, locate two points on the underside that are connected by a straight line. Drill these points using a 12mm 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.

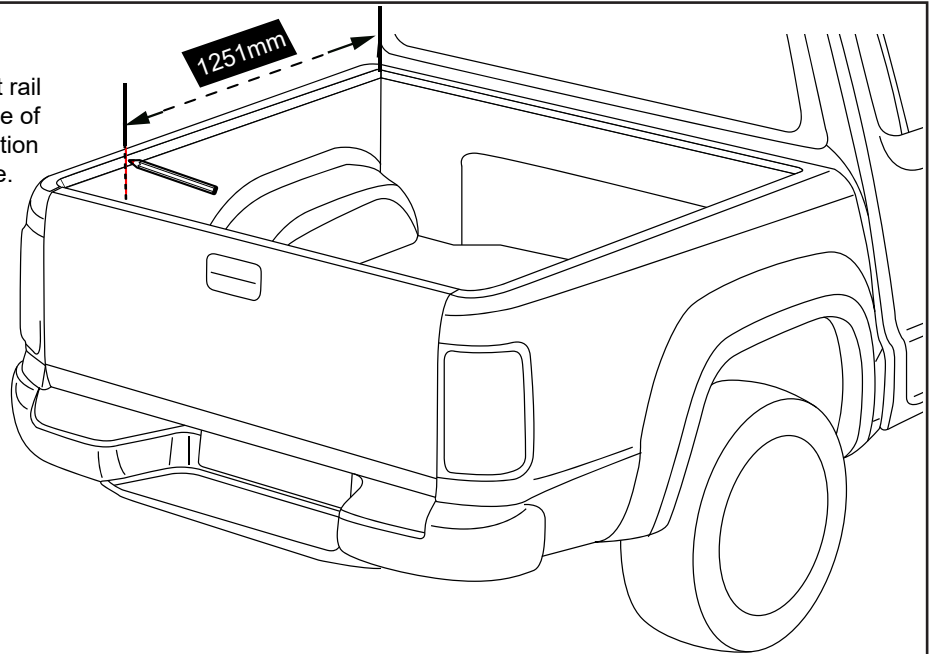


Exercise caution while drilling to ensure that the swarf remains clear of the curtain.



Tub preparation

As indicated, starting from the inside of the front rail of the tub, measure 1251 mm along the top edge of the tray towards the tailgate, then mark the position as shown. Repeat this process on the other side.



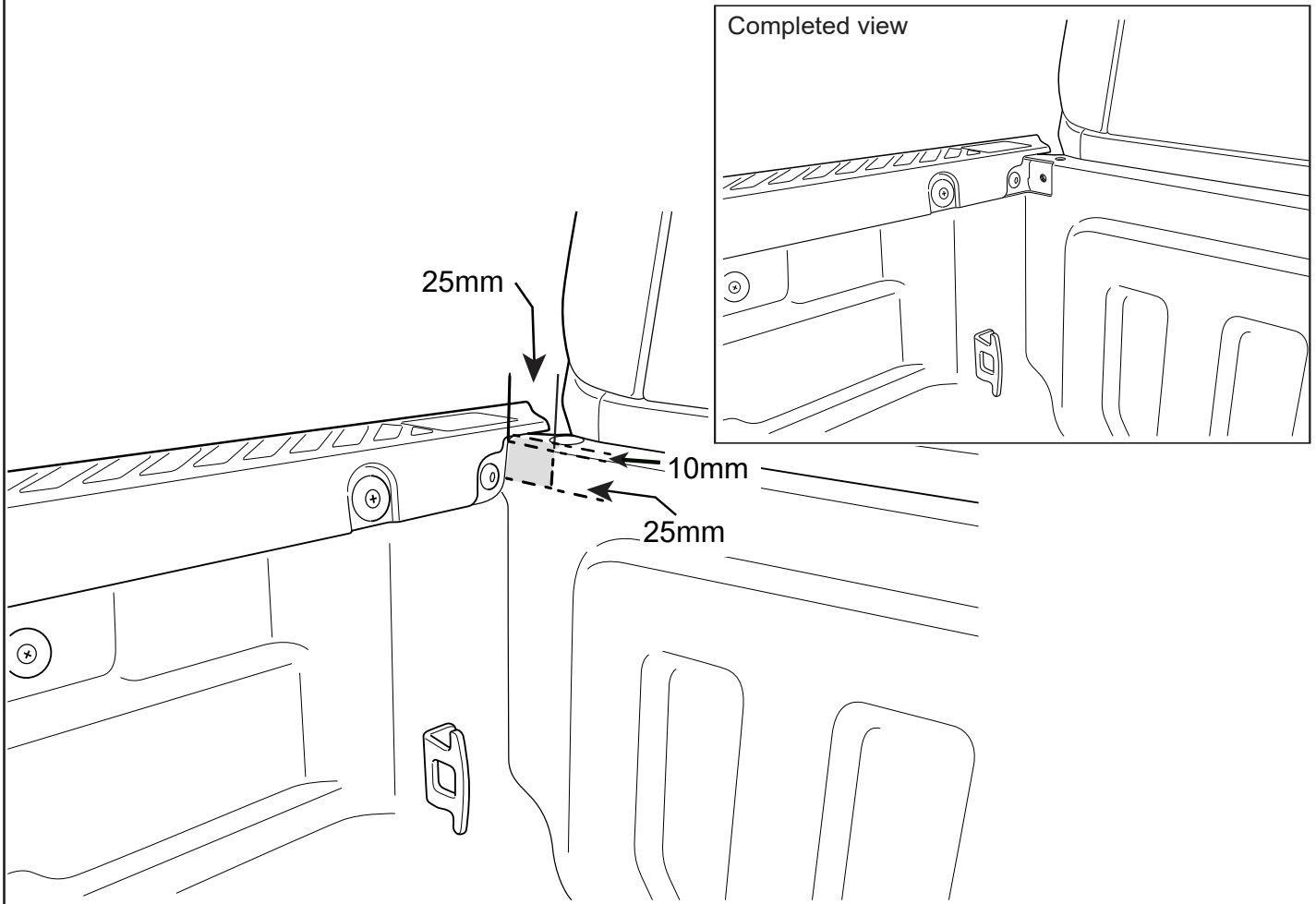
For vehicles fitted with a tub liner:

- Measure 25mm in from the inner edge of the tub's side top rail.
- Then measure 25mm down from the top of the headboard.
- On the headboard section of the liner, measure 10mm toward the cabin, as shown.

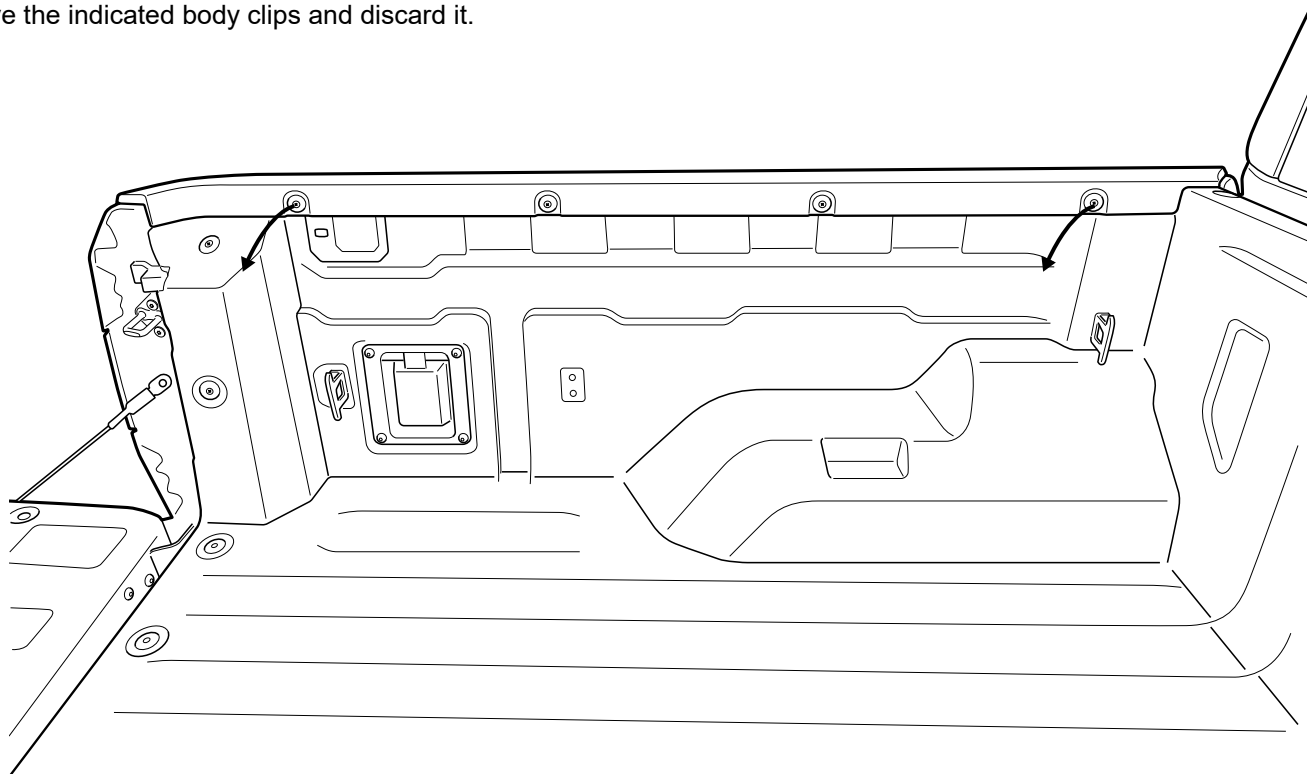
Mark these points clearly, then trim the tub liner at the marked location. Take care not to damage the metal tub during trimming.

If needed, remove or gently pull back the tub liner in this area to allow for safe and accurate cutting.

Repeat on the other side.



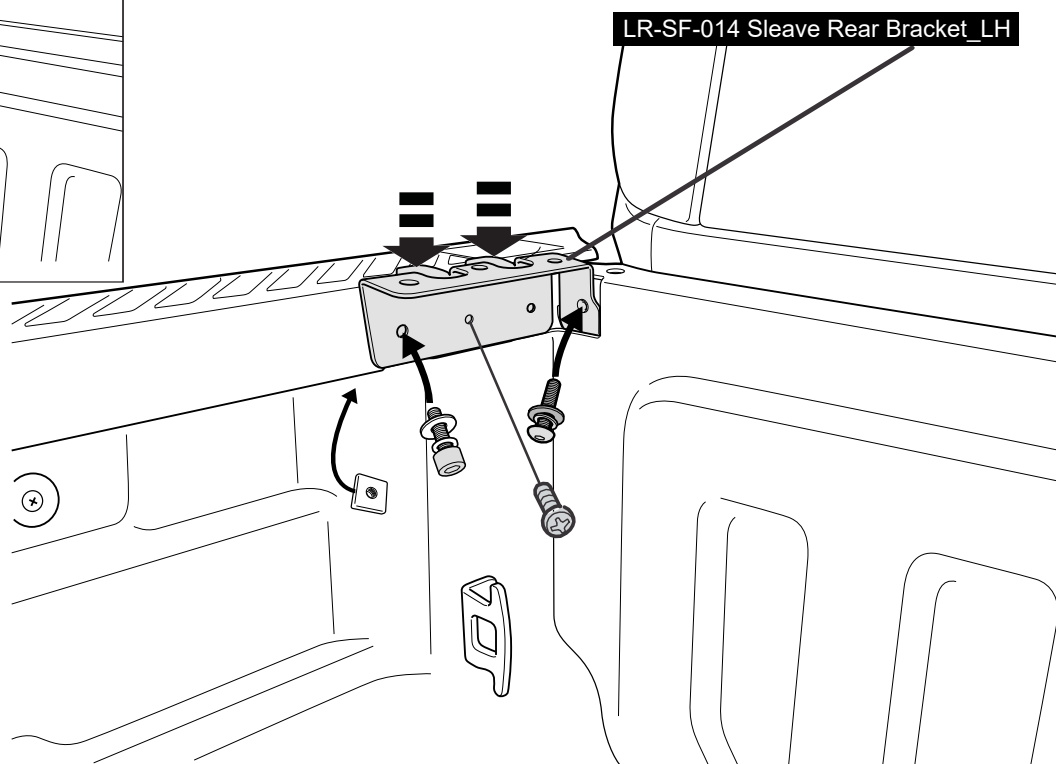
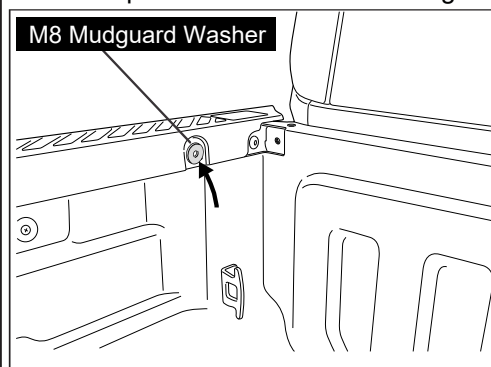
Remove the indicated body clips and discard it.



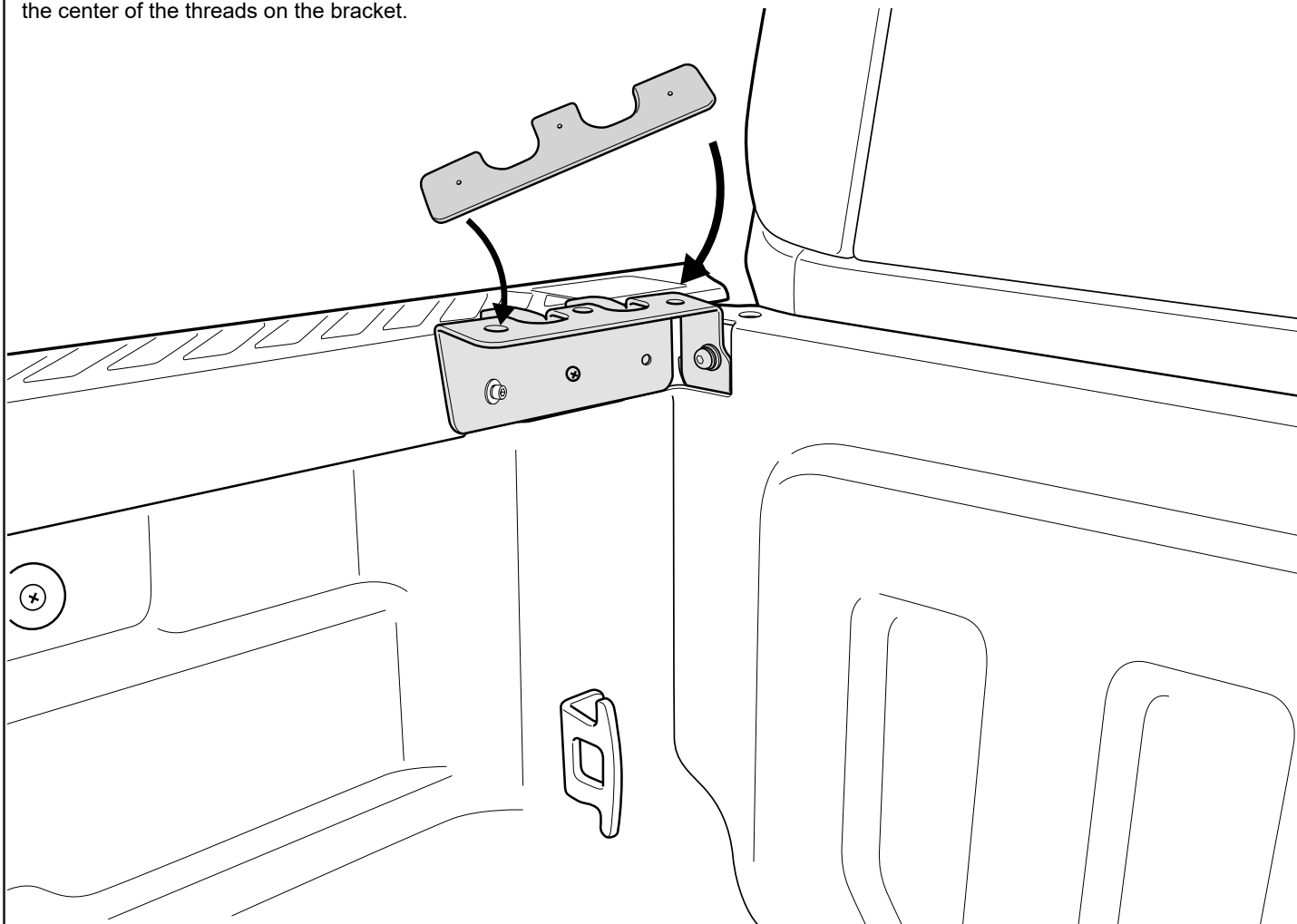
1. Position and align the supplied M8 mudguard washer over the indicated area.
2. Place the LR-SF-014 Sleeve Rear Bracket_LH onto the front-left corner of the tub, keeping the washer in place.
3. Align the M6 square nut with the inner hole of the tub's top rail.
Feed the M6 through spring washer, M6 flat washer, the bracket, mudguard washer, and tub rail, then loosely fasten it into the square nut. Loosely secure the bracket using the M8 x 25mm assembled bolt into the threaded hole on the headboard.
4. Apply firm downward pressure, then tighten the M8 bolt first to 8Nm, followed by the M6 bolt to 8Nm.
5. Secure the middle of the bracket using the supplied self-drilling screw.

It is recommended to drill pilot holes using a 3mm drill bit before inserting the self-drilling screws.

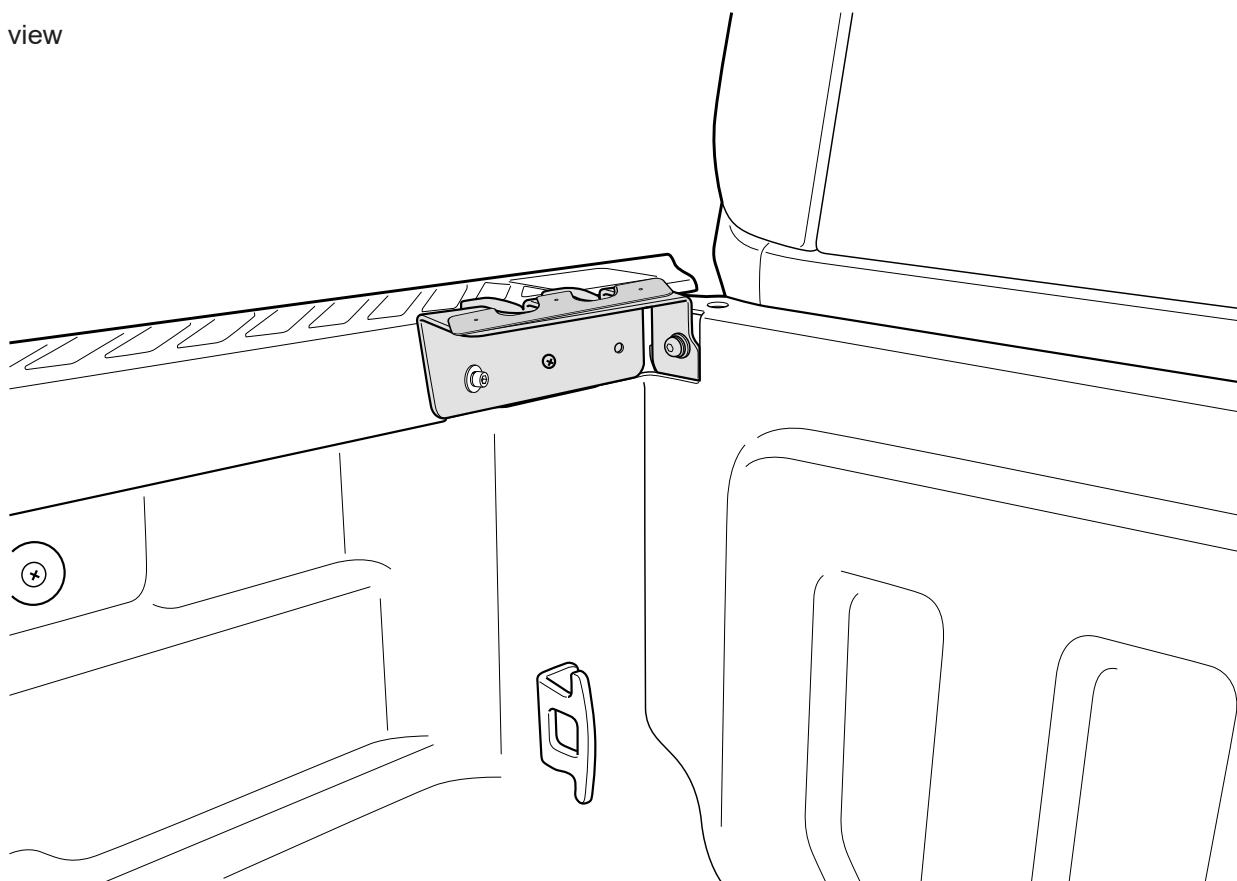
Repeat on the other side using LR-SF-014 Sleeve Rear Bracket_RH_2.



Apply the foam pad (LR-FG-004 Foam Sleeve Pad) to the top of the bracket as indicated, aligning the holes on the foam pad with the center of the threads on the bracket.

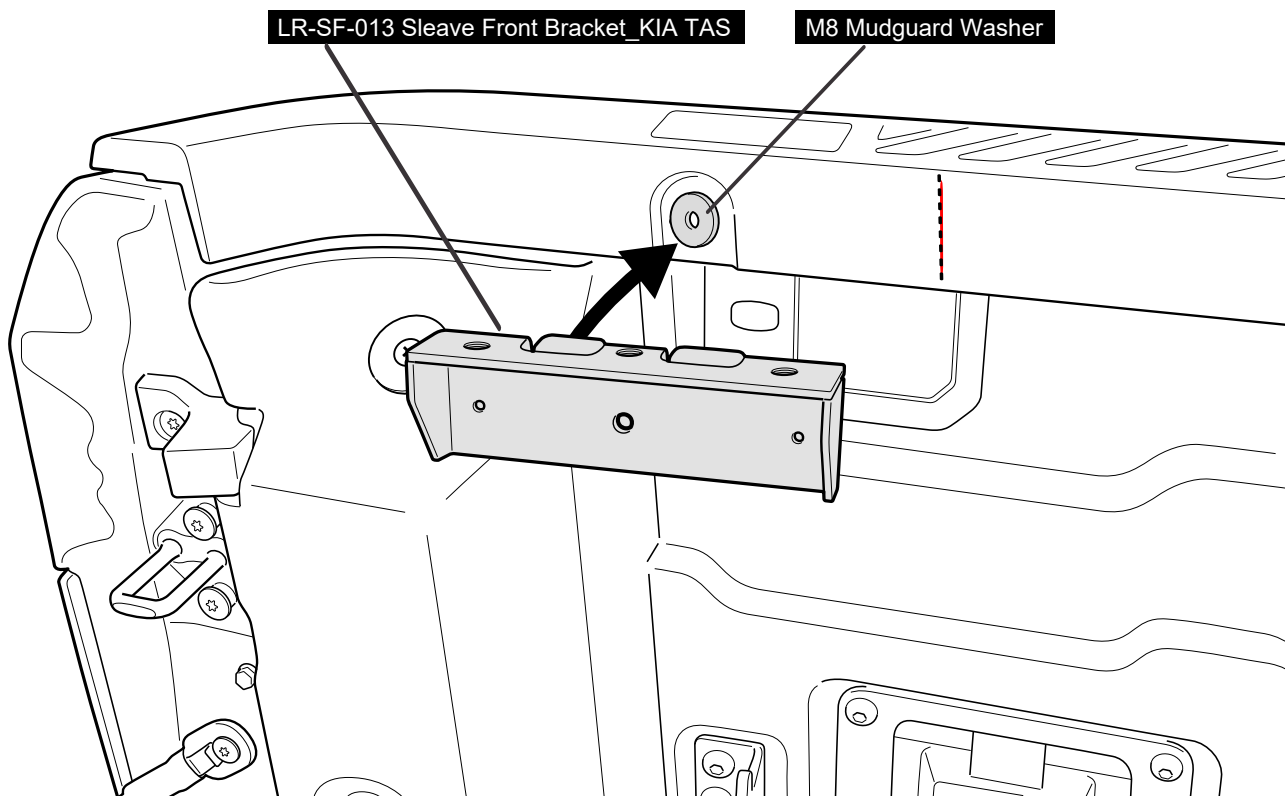


Completed view

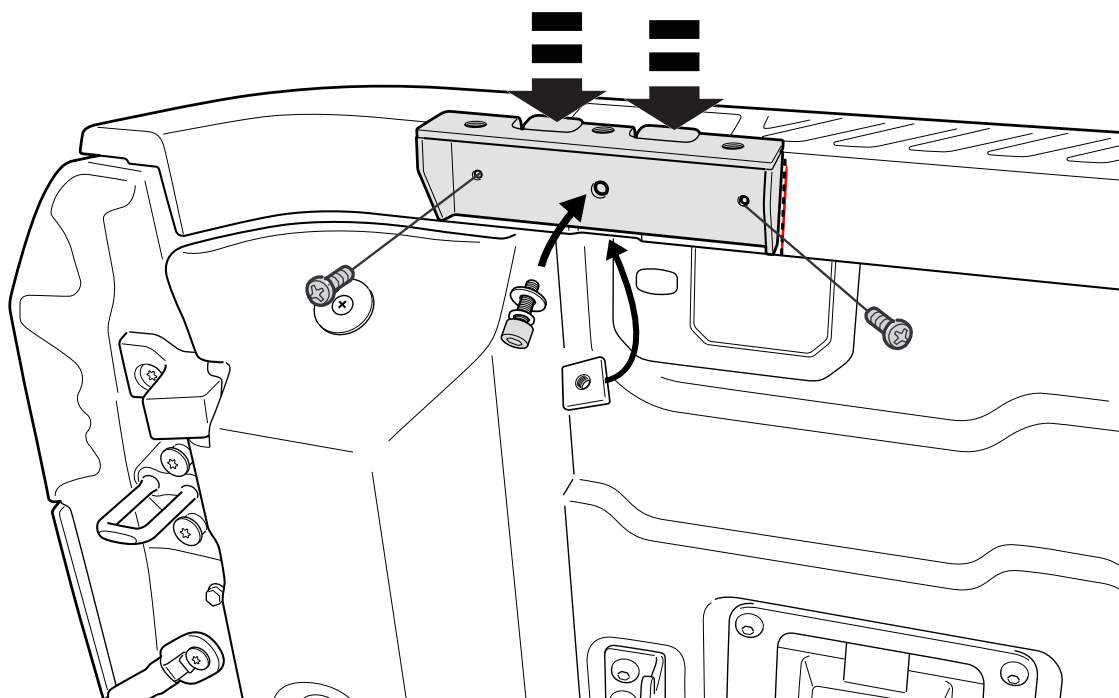


Position and align the supplied M8 mudguard washer over the indicated area.

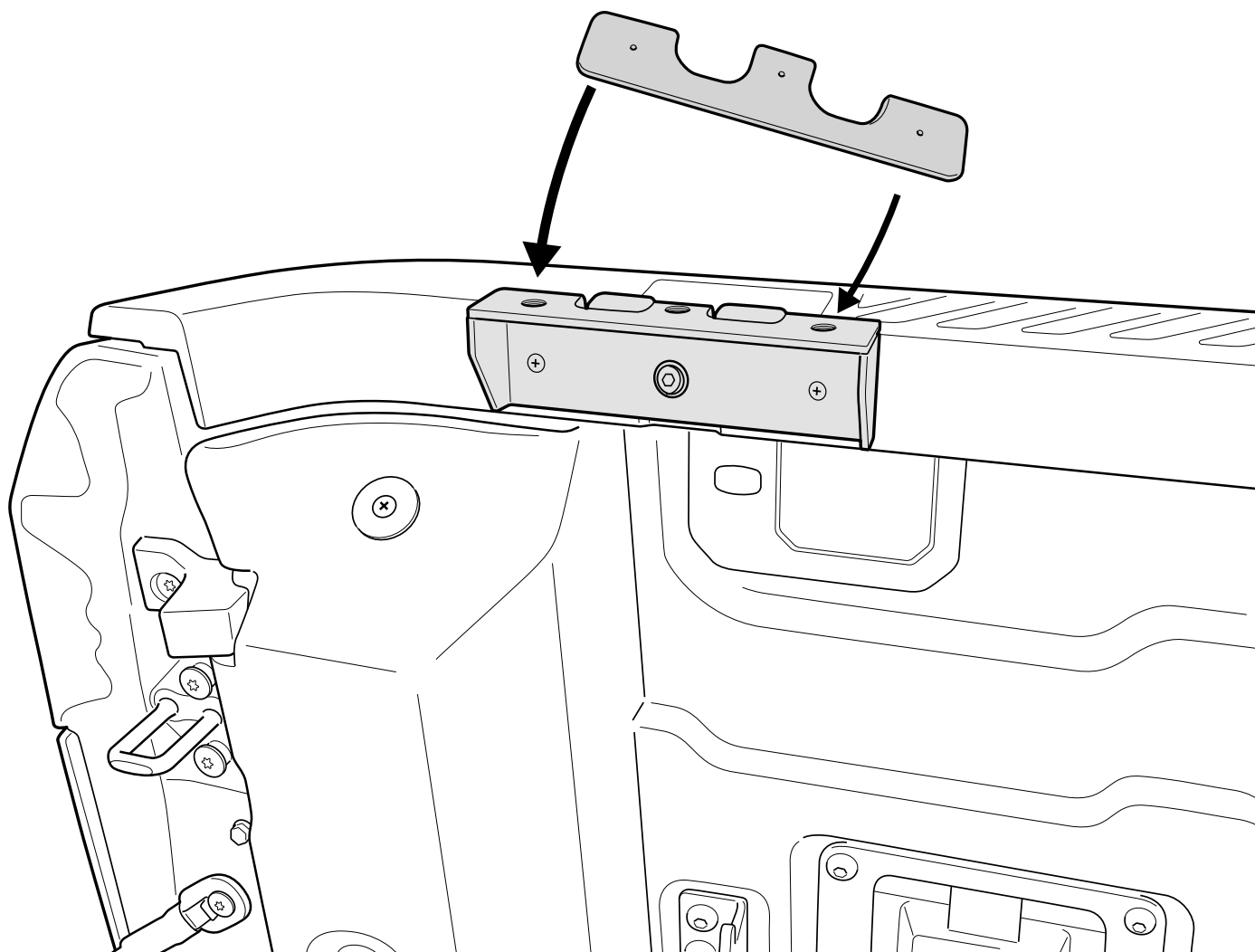
While keeping the washer in place, position the (LLR-SF-013 Sleeve Front Bracket_KIA TAS) rear bracket onto the indicated mounting location at the rear-left corner of the tub, ensuring the front edge of the bracket aligns with the previously marked line.



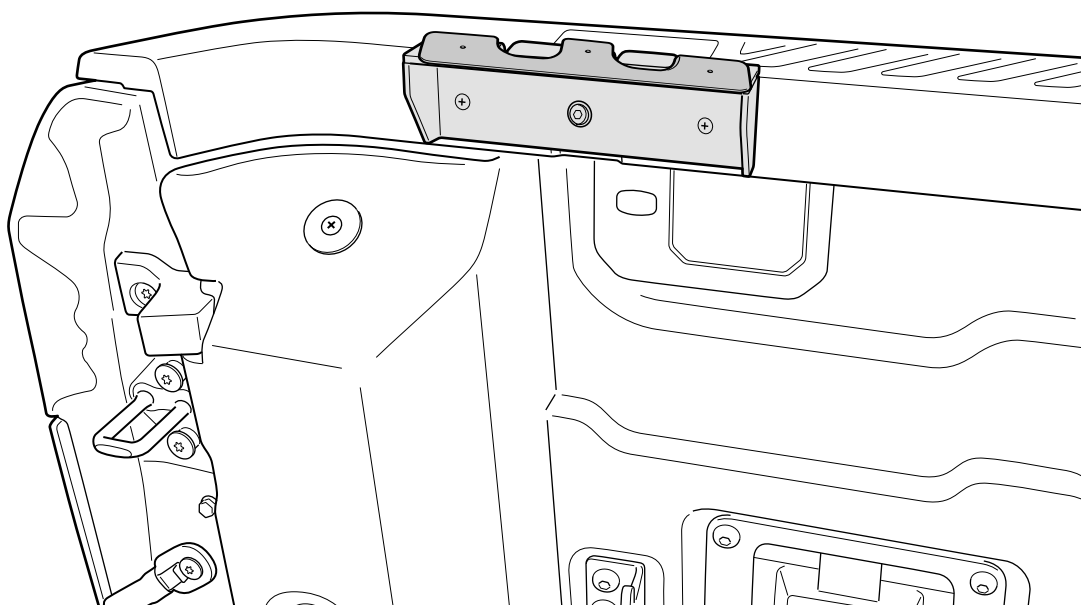
1. While maintaining alignment, position the M6 square nut over the inner hole of the tub's top rail. Feed the M6 through spring washer, M6 flat washer, the bracket, mudguard washer, and tub rail, then loosely fasten it into the square nut.
 2. Apply firm downward pressure, then tighten the M6 bolt to 8Nm.
 3. Secure both indicated holes of the bracket to the tub's top rail using the supplied self-drilling screws.
- It is recommended to drill pilot holes using a 3mm drill bit before inserting the self-drilling screws.***



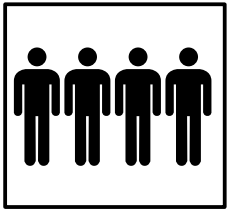
Apply the foam pad (LR-FG-004 Foam Sleeve Pad) to the top of the bracket as indicated, aligning the holes on the foam pad with the center of the threads on the bracket.



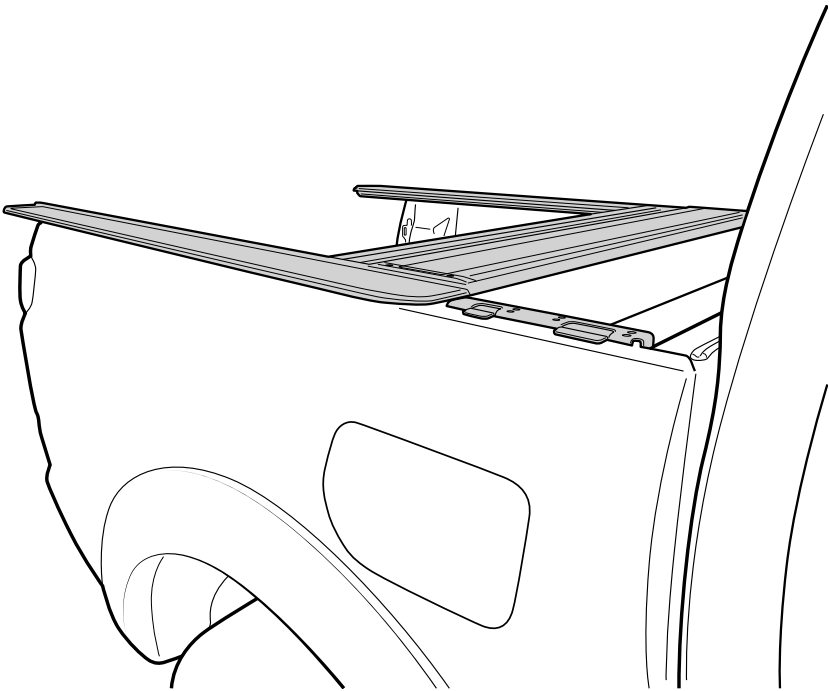
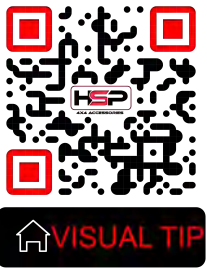
Completed view



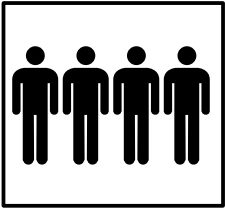
With caution and assistance, carefully place the Roll R Cover back onto the top rail of the ute tub, ensuring not to cause any damage. Stop just before reaching the load rack base brackets.



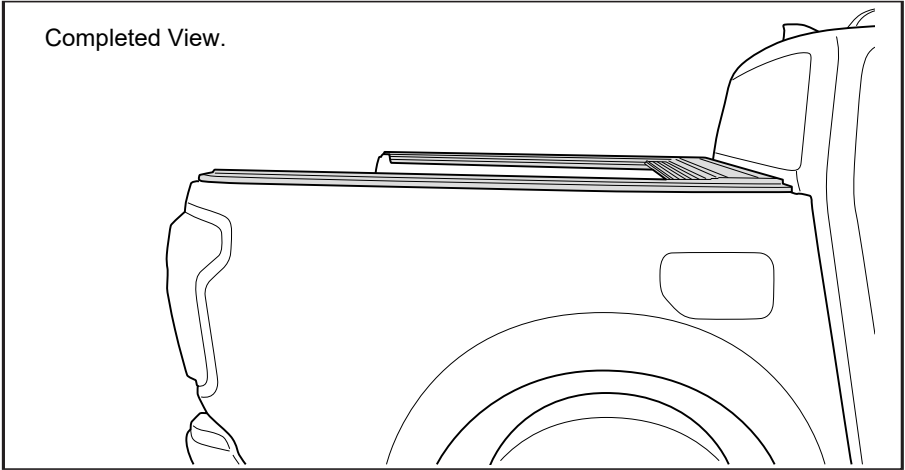
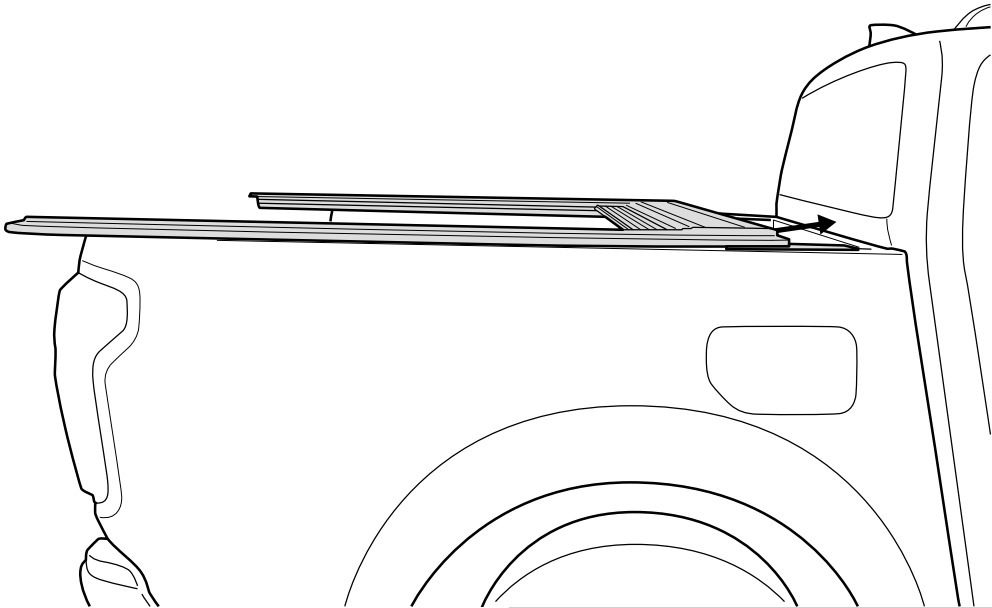
4 People
Recommended for lift



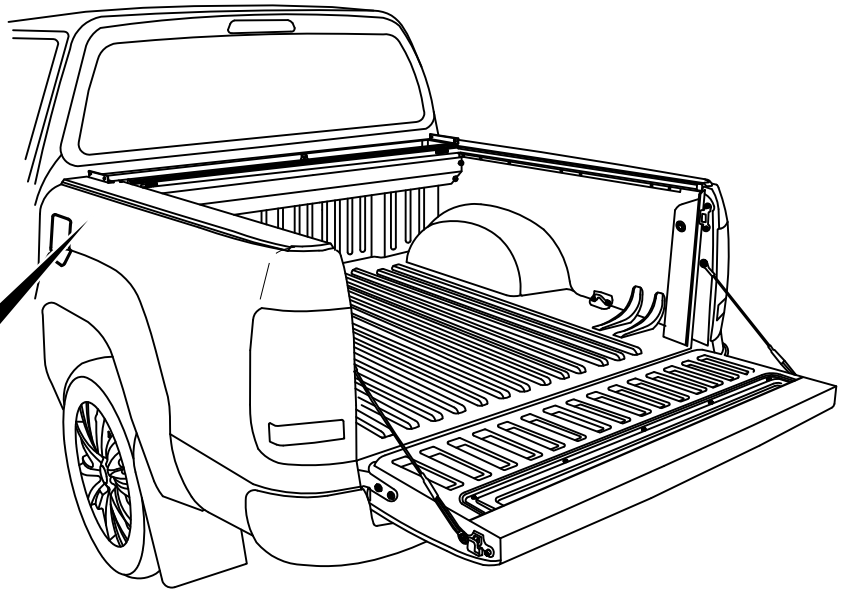
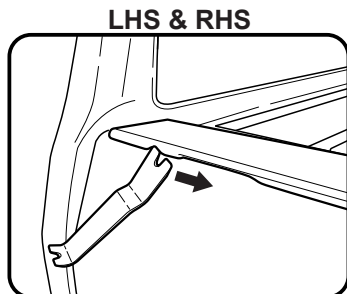
Exercise caution and seek assistance as needed. Gently raise the side rails and shift the roll r cover forward, allowing the motor and driver side rail to fit between the load rack's base brackets. Depending on the situation, it may be necessary for two individuals to lift the rear of the side rails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



4 People
Recommended for lift

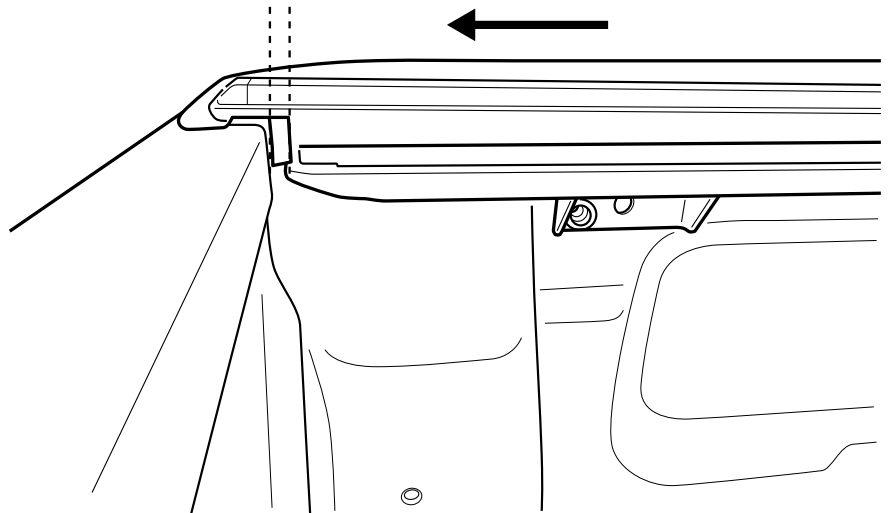


With care, pull out any side rubber that has folded under the side rail.



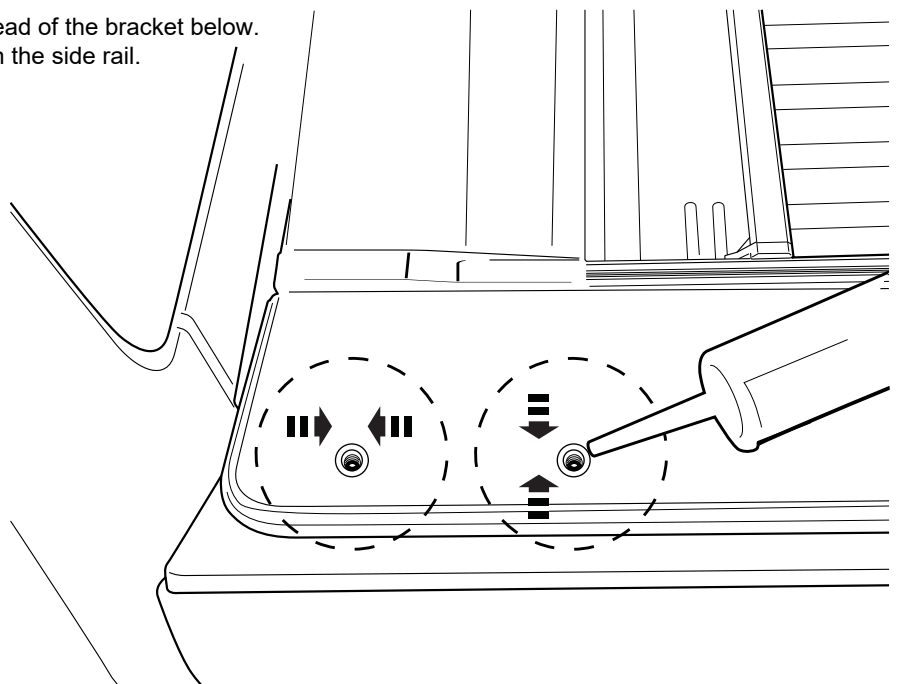
With the tailgate up (Closed position), Pull left & right hand side rails towards the tailgate, stopping short by 7mm between tailgate and side-rail endcap.

7mm

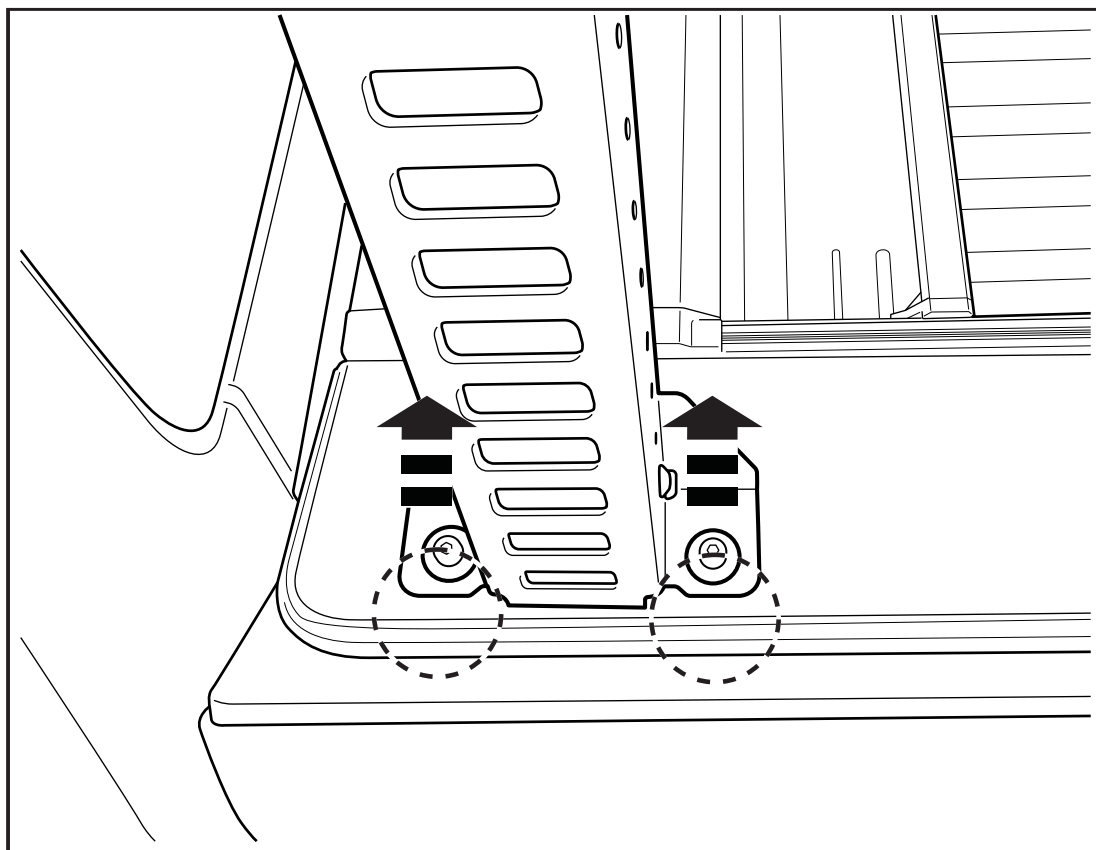
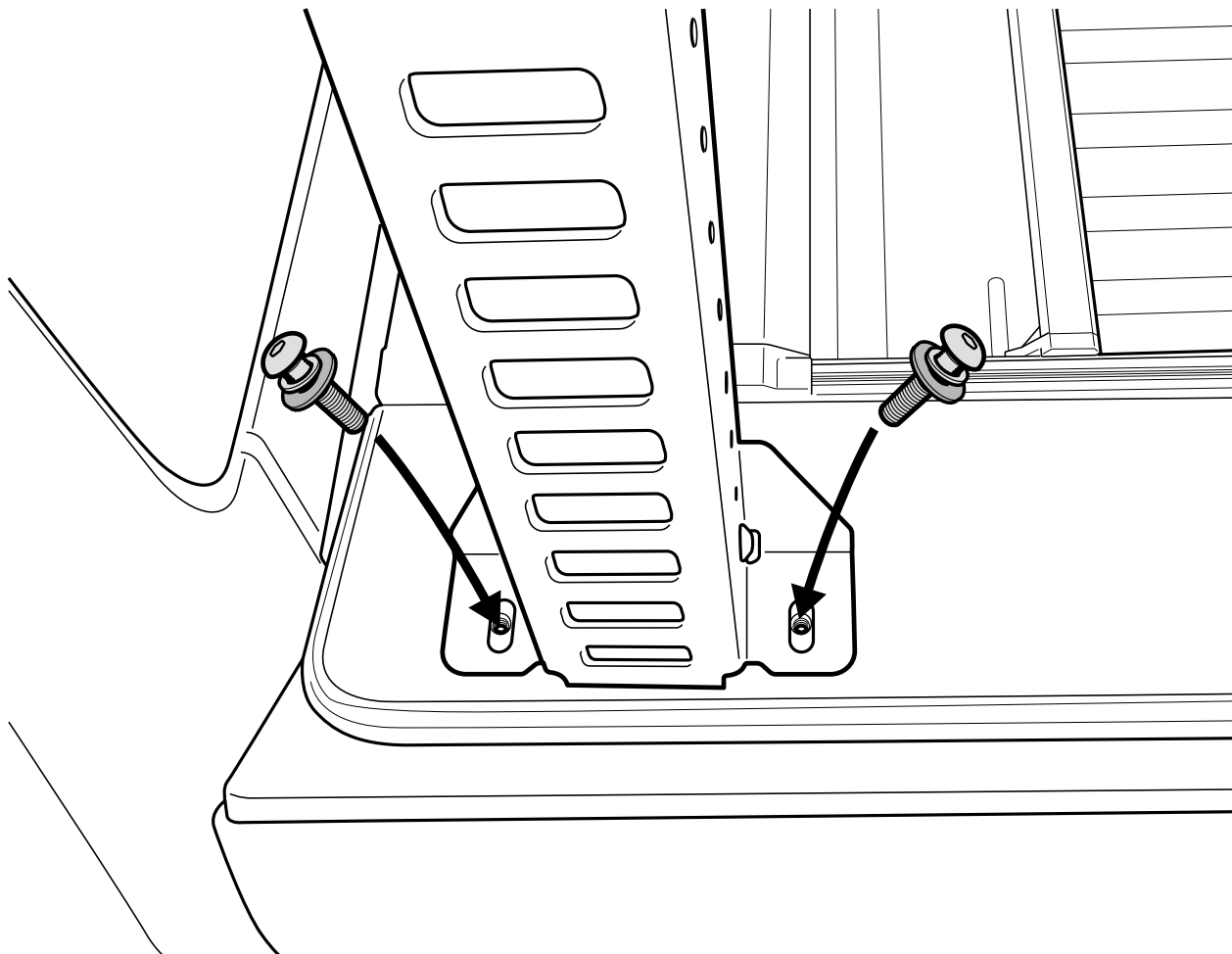


Foam compressed to 7mm when tailgate is closed.

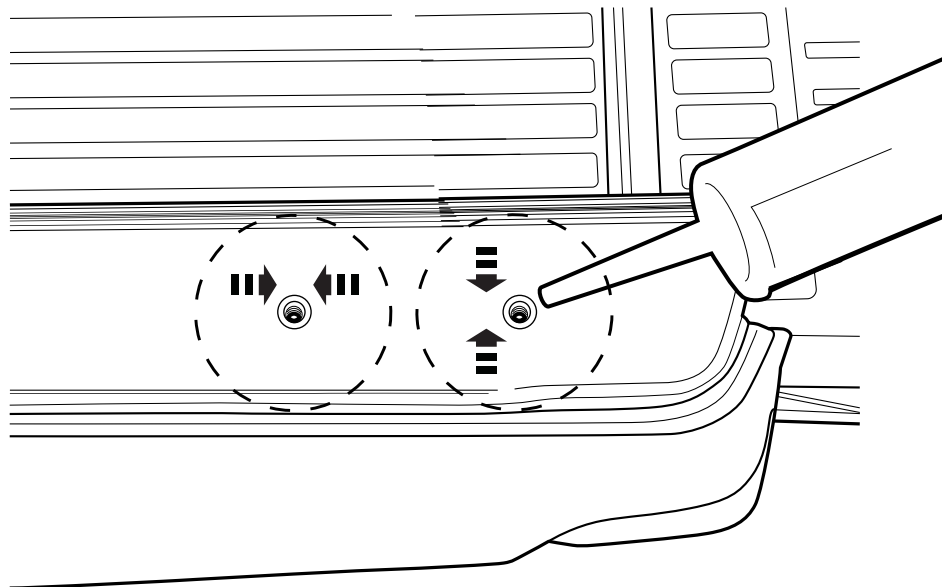
1. Center the holes of the side rails to the thread of the bracket below.
2. Apply a thin layer of sealant to the holes on the side rail.
Repeat to the other side.



With care, and ensuring to avoid the edges of the side rails' rubber seal, place the Load rack leg (LR-SF-016 KIA Base leg) on top of the side rails. Align the elongated holes with the threads of the base brackets. Secure it loosely in position using the supplied M8x25mm Allen head bolt, which has the spring washer and mudguard washer attached. Repeat to the other side.

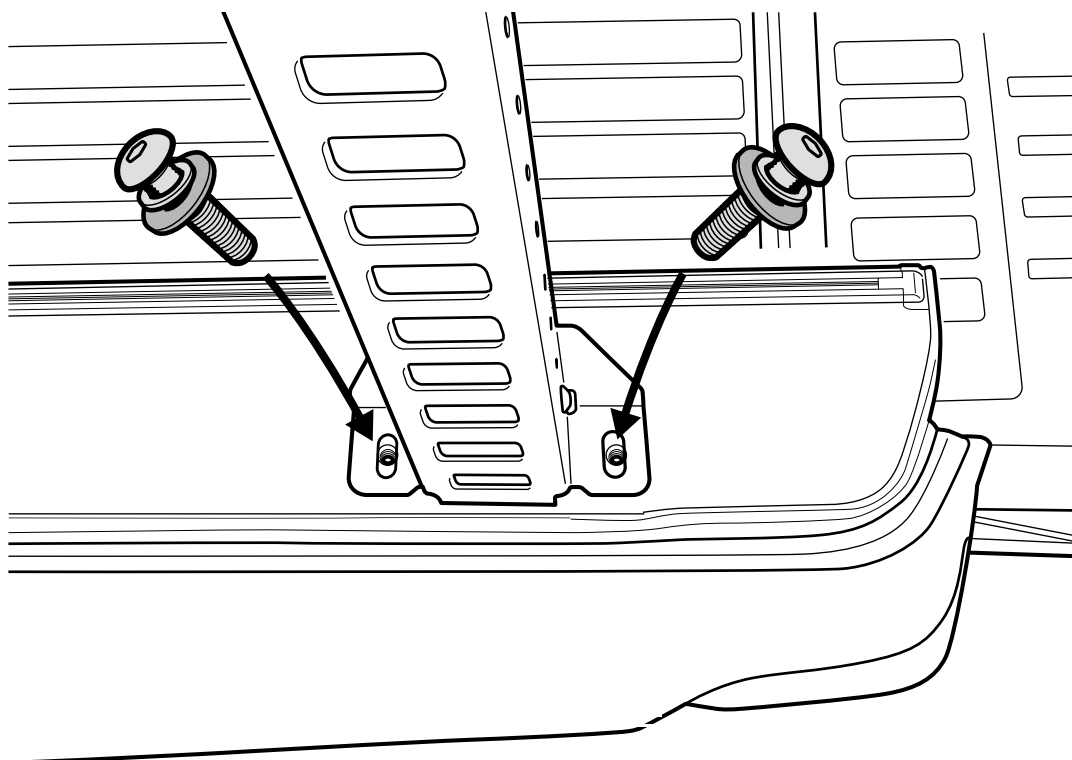
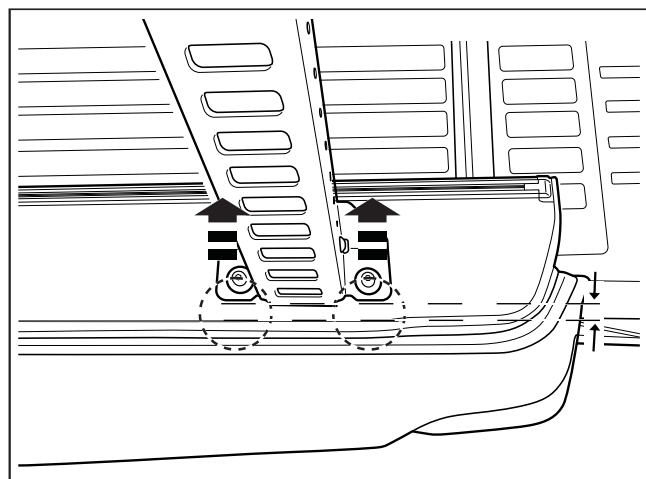


1. Center the holes of the side rails to the thread of the bracket below.
 2. Apply a thin layer of sealant to the holes on the side rail.
- Repeat to the other side.

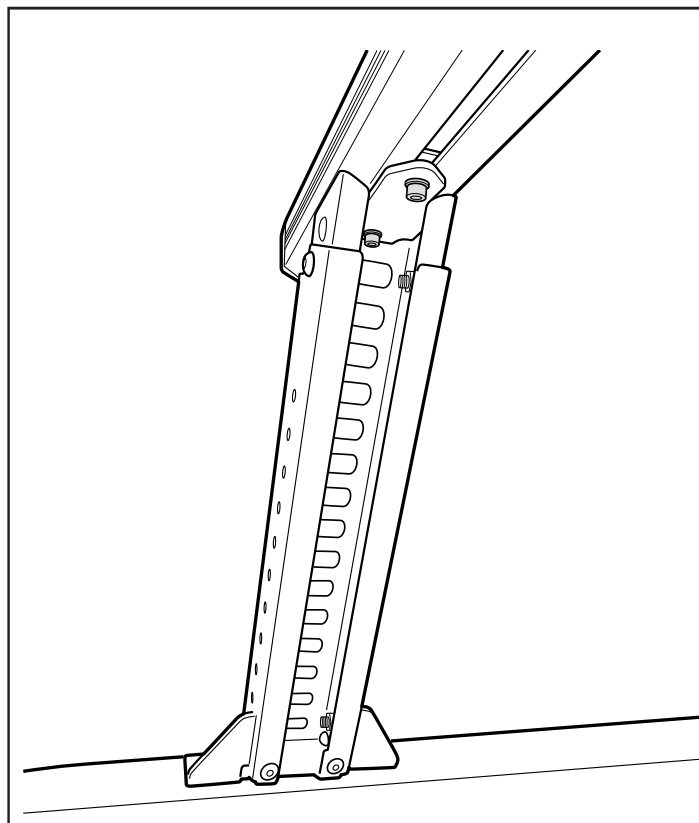
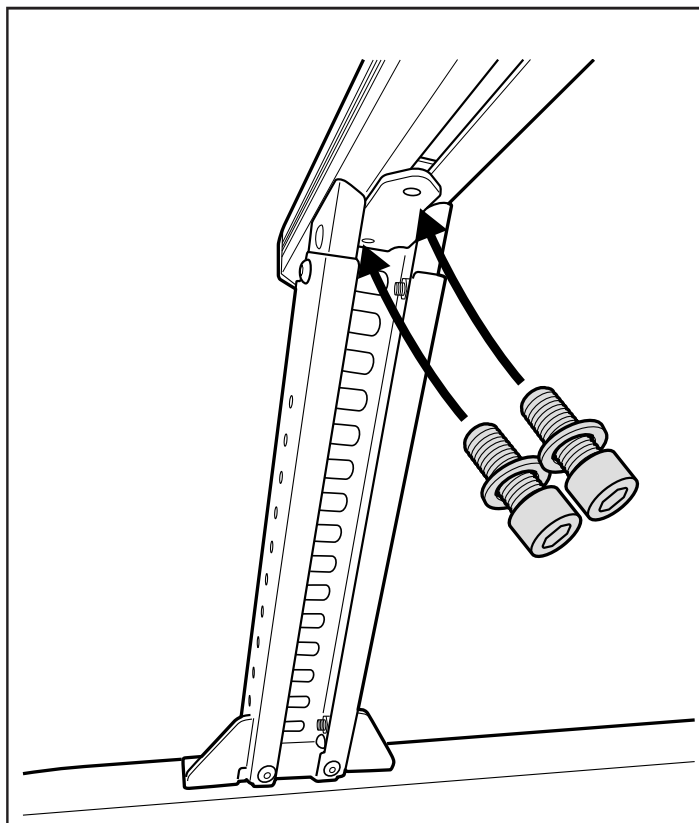
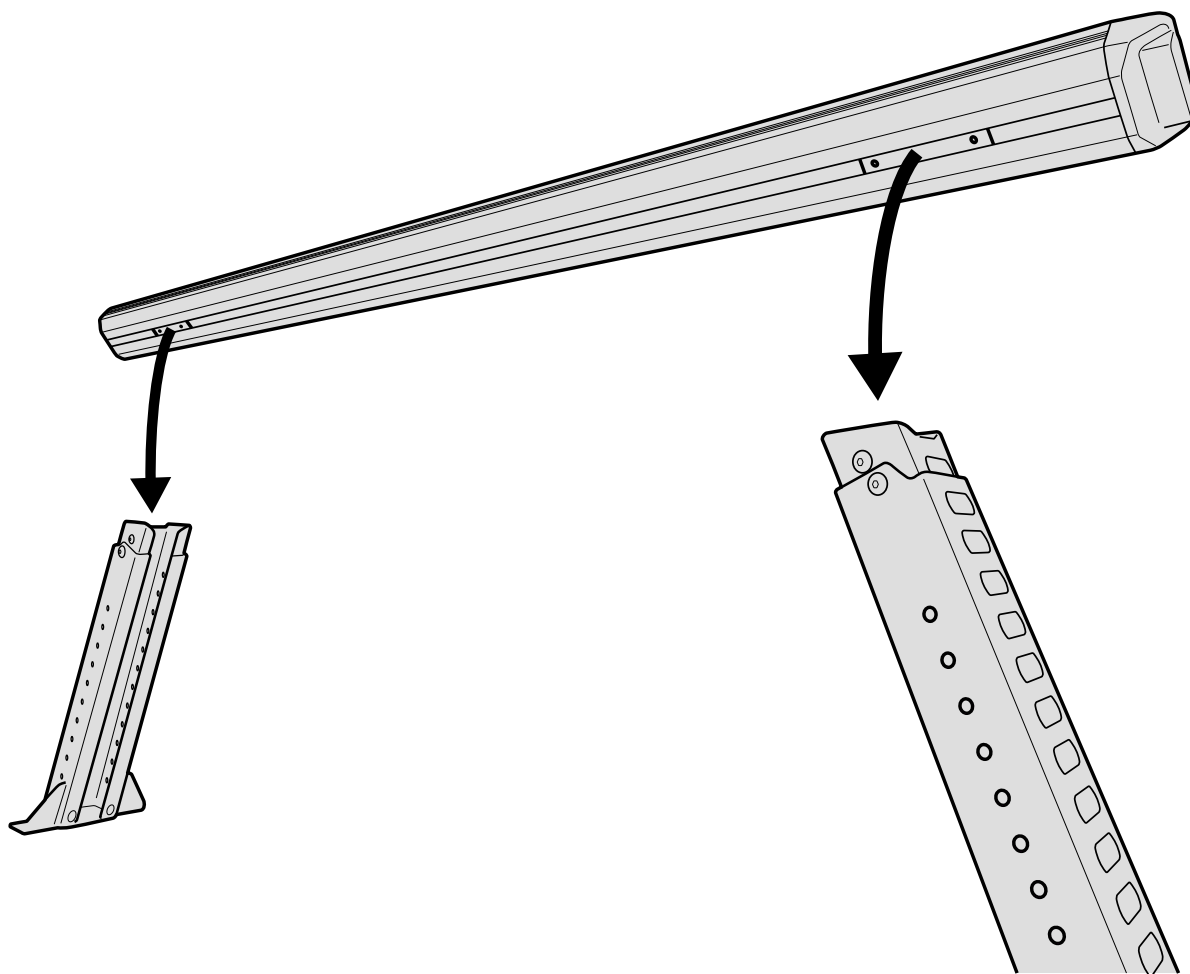


With care, and ensuring to avoid the edges of the side rails' rubber seal, place the Load rack leg (LR-SF-016 KIA Base leg) on top of the side rails. Align the elongated holes with the threads of the base brackets. Secure it loosely in position using the supplied M8x25mm Allen head bolt, which has the spring washer and mudguard washer attached.

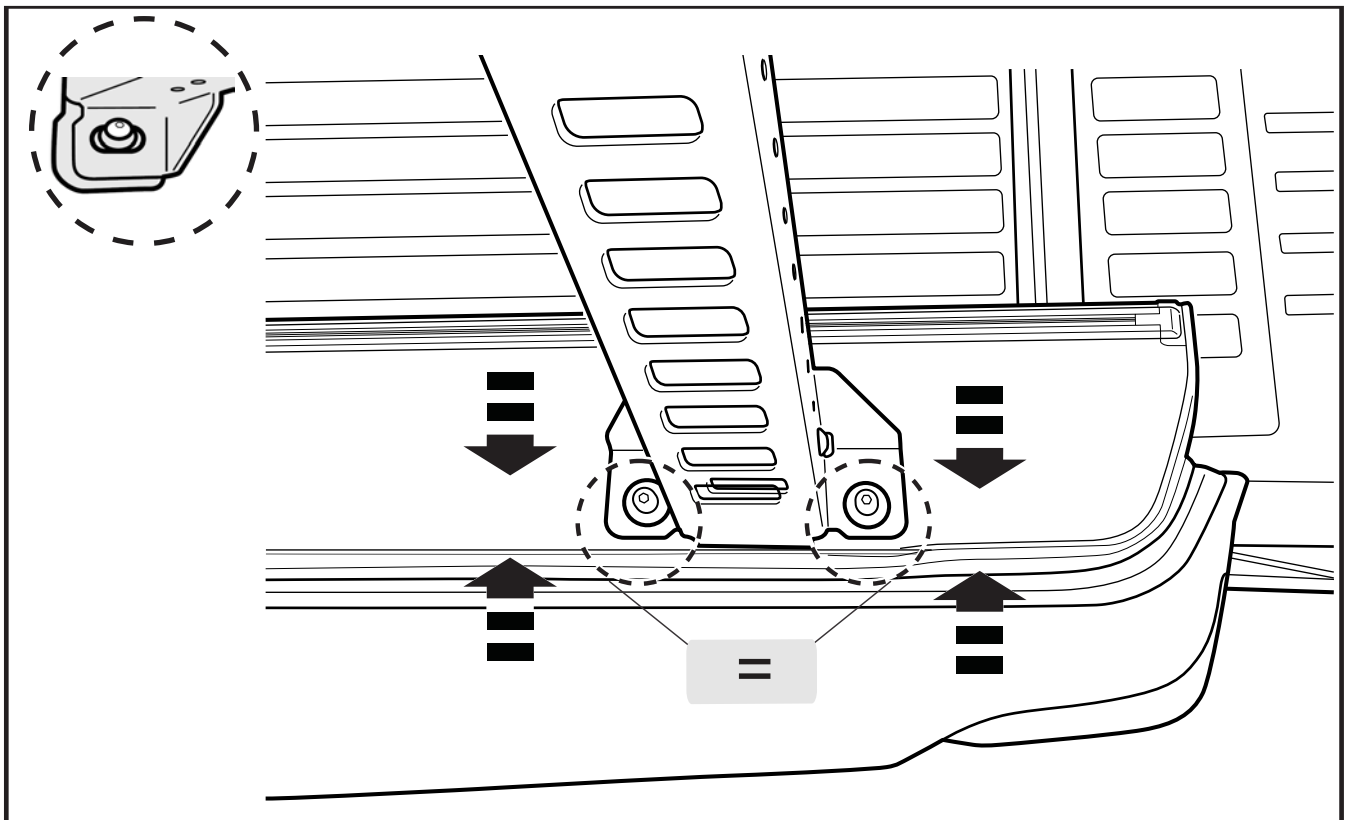
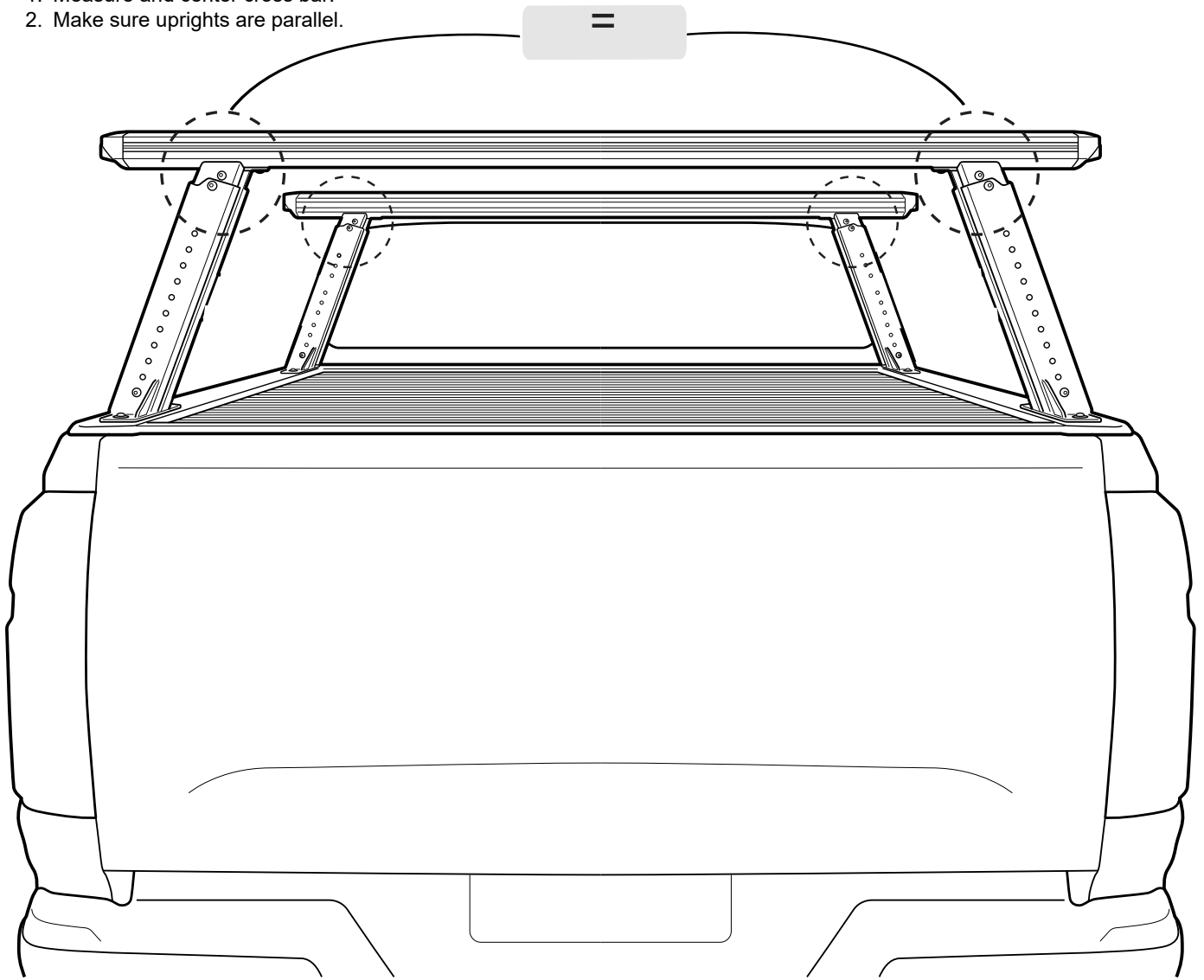
Repeat to the other side.



1. As indicated place the assembled cross bar to the upright legs. You will need to align the channel nut to the upright legs pre drilled holes.
2. Secure it loosely in position using the supplied M6x12mm socket head bolt which has the spring washer already loaded.



1. Measure and center cross bar.
2. Make sure uprights are parallel.



With the tailgate up (Closed position), Pull left & right hand side rails towards the tailgate, stopping short by 7mm between tailgates plastic top covers inner wall and side-rail end-cap.

7mm



Foam compressed to 7mm when tailgate is closed.

Gap between tailgate and side-rail end cap to be 7mm.



Foam compressed to 7mm when tailgate is closed.

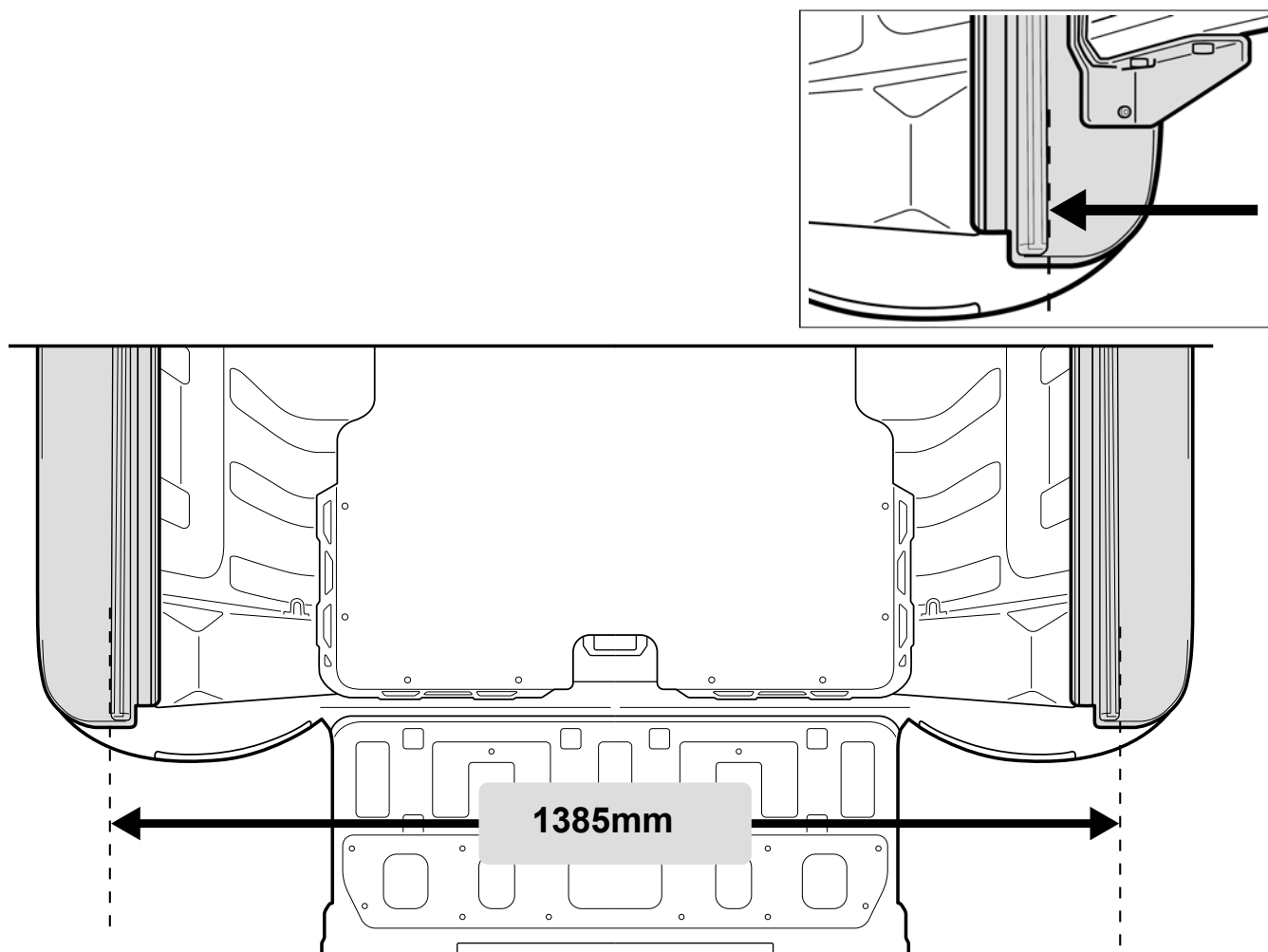
Foam seal

Side rail end cap

TAILGATE

7mm

For accurate alignment of the side rails of the roll r cover, refer to the below diagram and follow the measurements provided. Start by measuring from the outside of the accessory track on one side rail to the outside of the track on the opposite side. Adjust the position of the side rails by either extending or retracting them until the desired measurement is attained, ensuring they remain parallel to the front of the side rails.

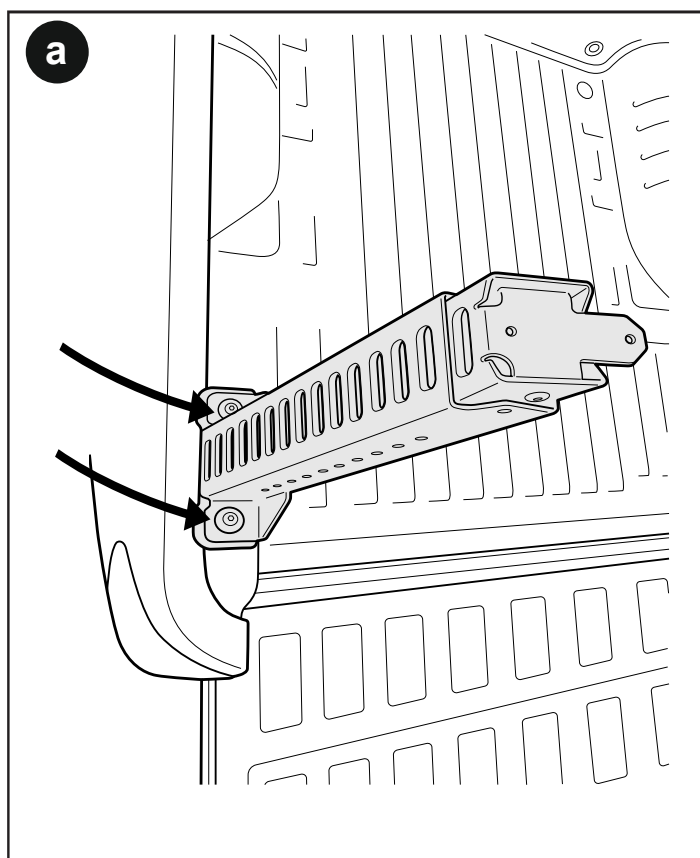
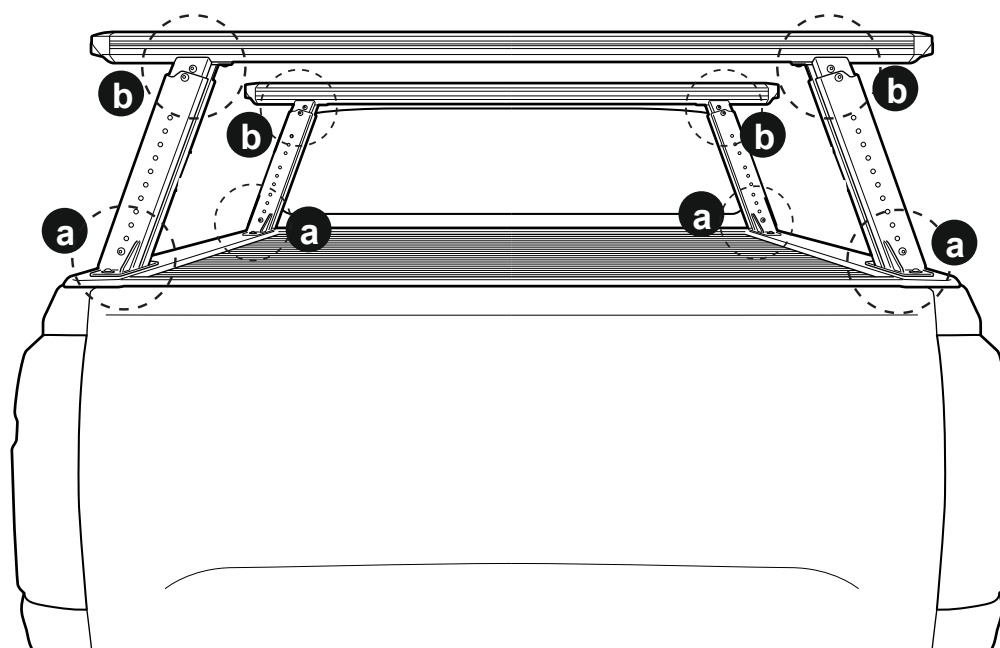


While maintaining alignment, firmly tighten all specified bolts at location **a** followed by **b**.
Securely tighten all bolts to 8nm torque.



It is crucial to ensure that the load rack leg cavities, where the cross bar sits, are level and make full contact with the mounting surface.

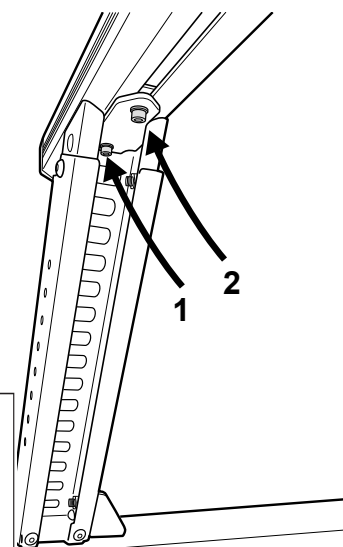
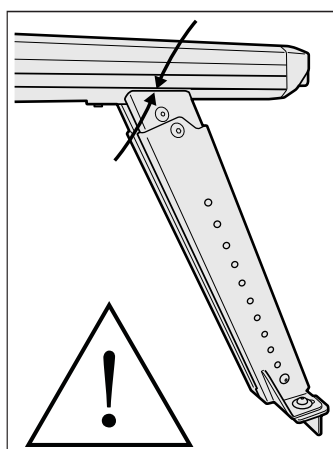
If not properly seated and leveled before fastening, it may cause damage to the leg's mounting tab against the extrusion, which will not be covered under warranty.



b

Fastening Sequence:

1. Tighten Bolt 1 first.
2. Then tighten Bolt 2.



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.

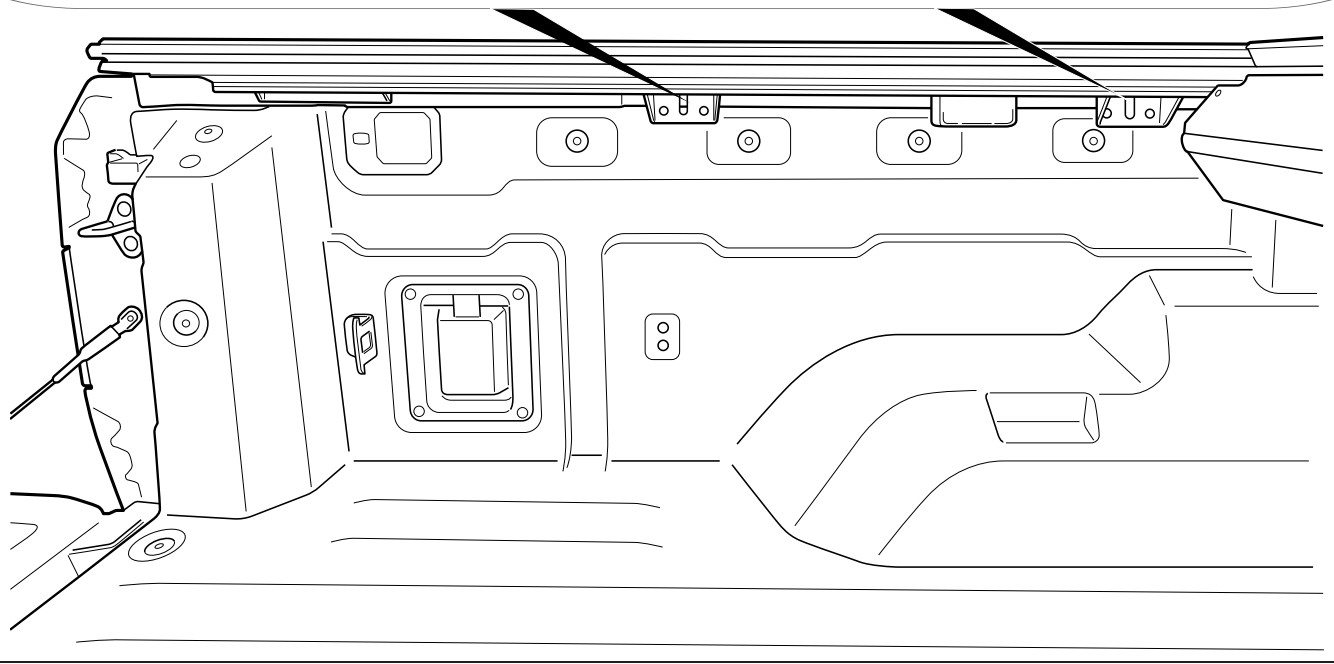


To the locations indicated below position clamp behind the inner top lip of the bed rail and the center elongated hole of the side rail mounting brackets. **Note:** The line on the clamp indicates that the clamp should be facing upright toward the side rails. Repeat to other side.

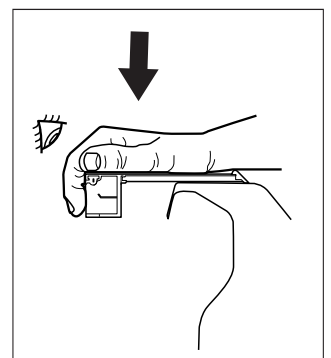
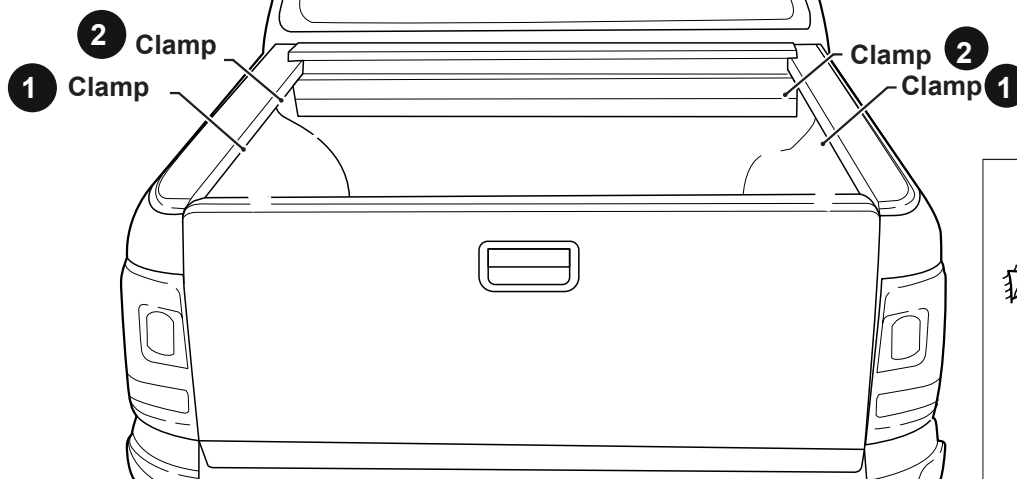
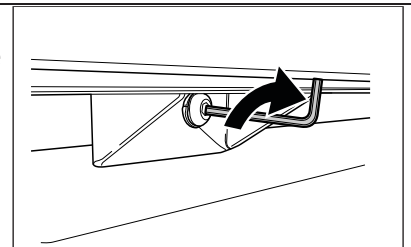
The line indicates that the clamp should be facing upright toward the side rails.

Ensure the M8 nut is in the indicated slot of the clamp.

Fasten clamp **loosely** into position using assembled M8 x 35mm bolt.



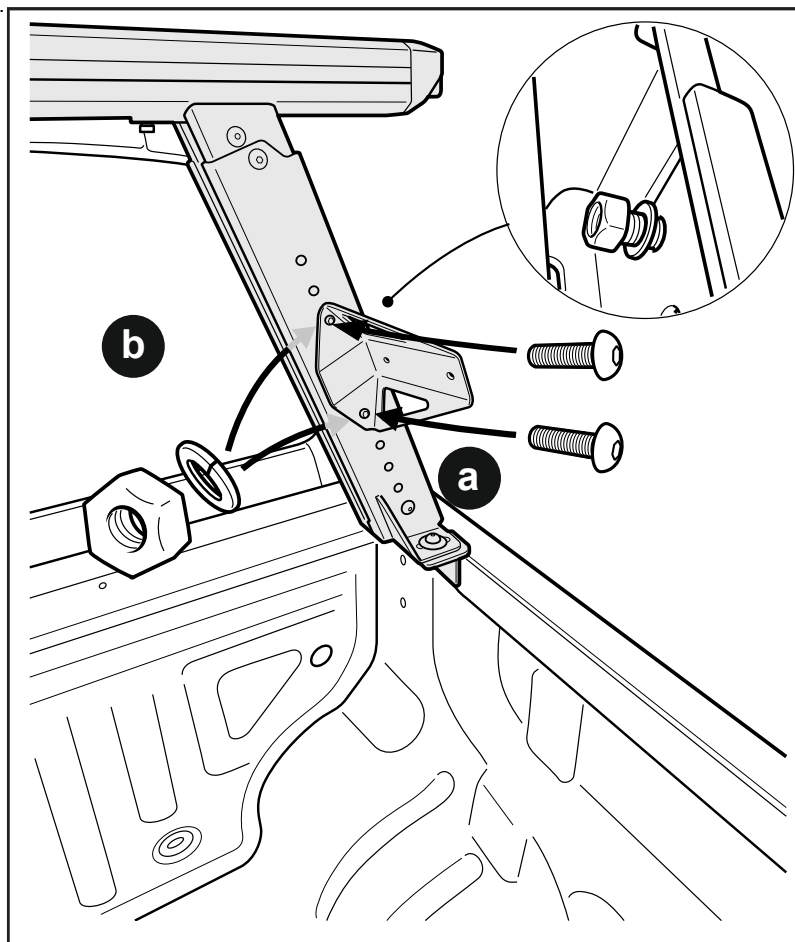
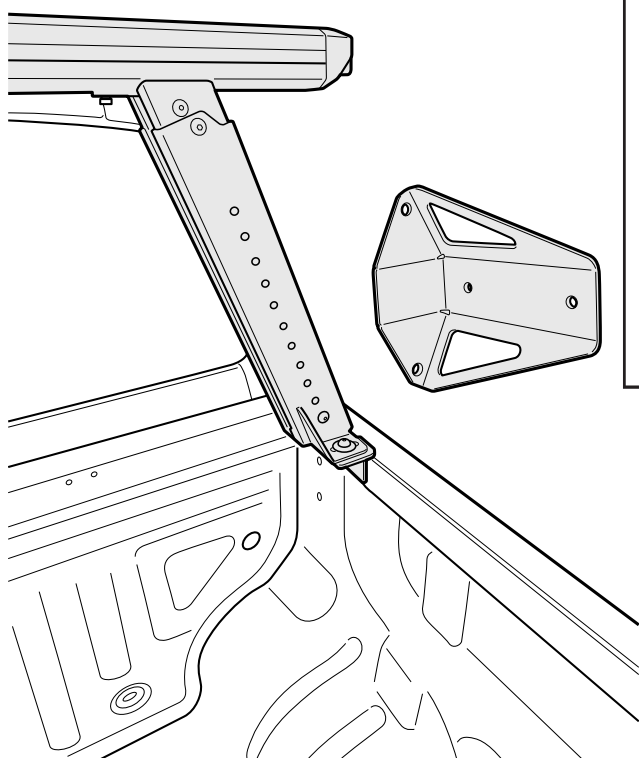
1. Apply downward pressure on side rails.
2. Lift **clamp** all the way up or as far up as possible then fasten clamp to 14Nm torque in the order indicated below.



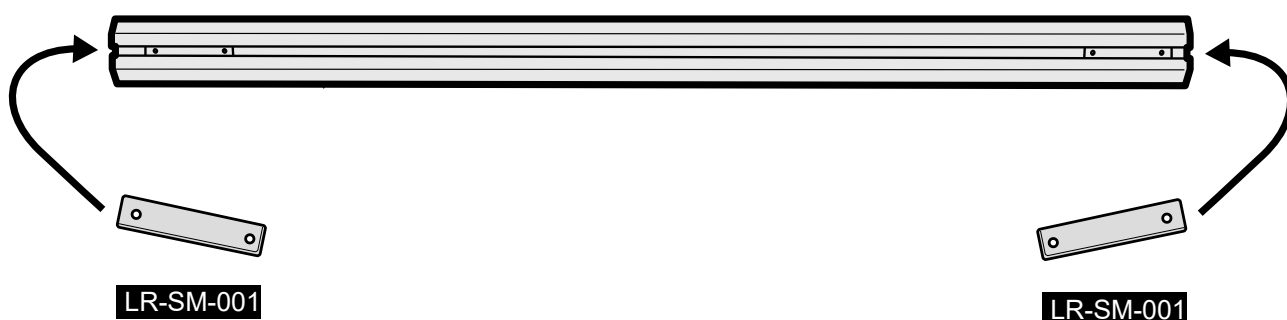
In the orientation indicated, align side bracket (LR-ASS-009 Side Bracket) to the center holes of the upright legs.

- Feed the supplied M8x20mm Allen head bolt through the holes of both side bracket and sleeves of the uprights.
- Secure it in place using an M8 spring washer and an M8 nut.

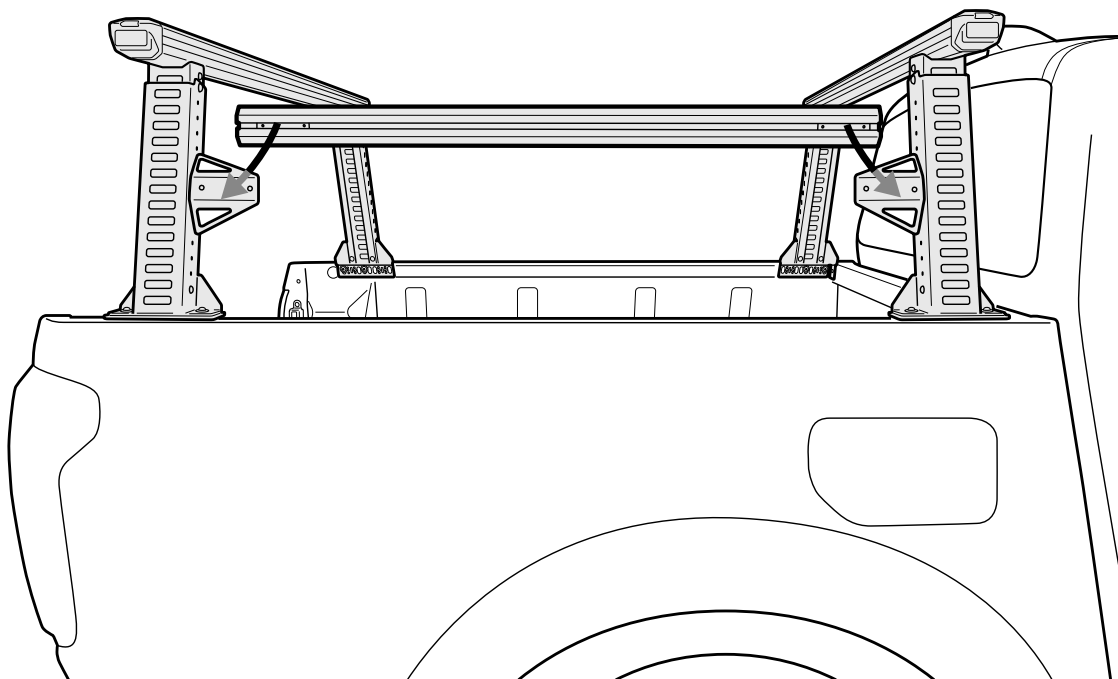
Repeat step to remaining legs.



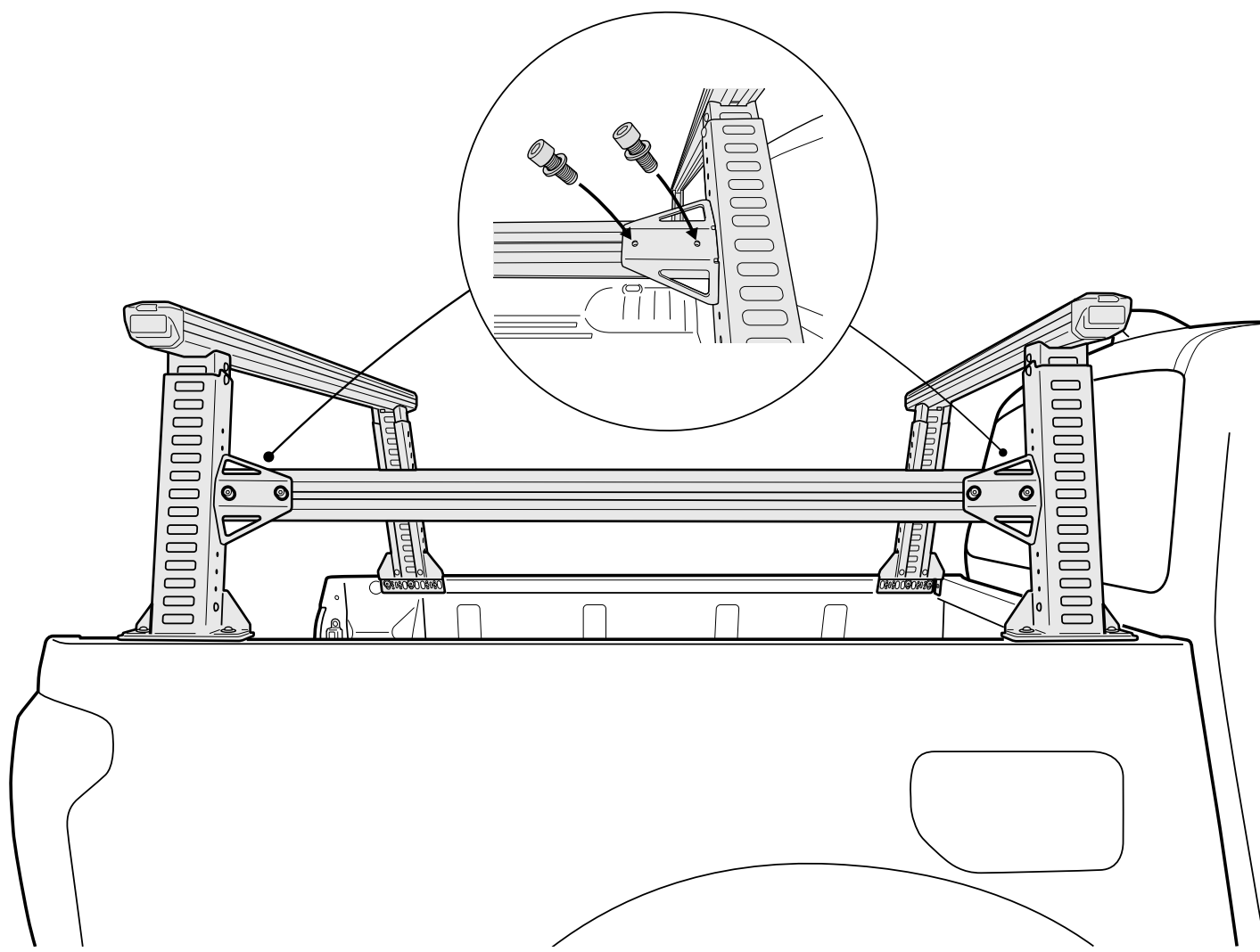
The accessories bar has a wide and a narrow face.
Feed two channel nuts (LR-SM-001) into the channel on the wide face.



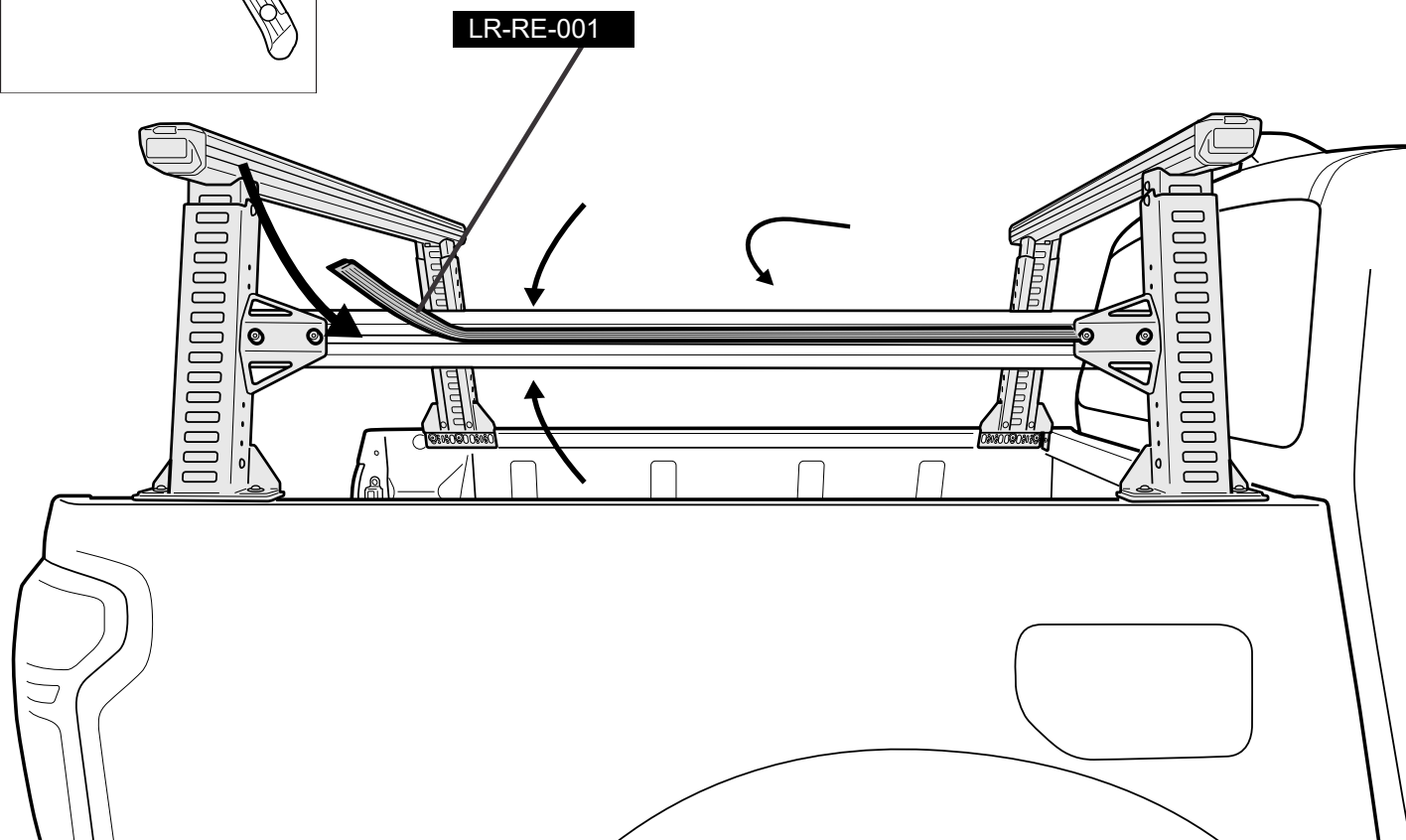
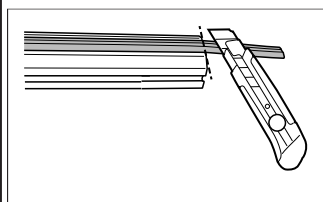
As indicated, align the bar between the side brackets from the inside face.



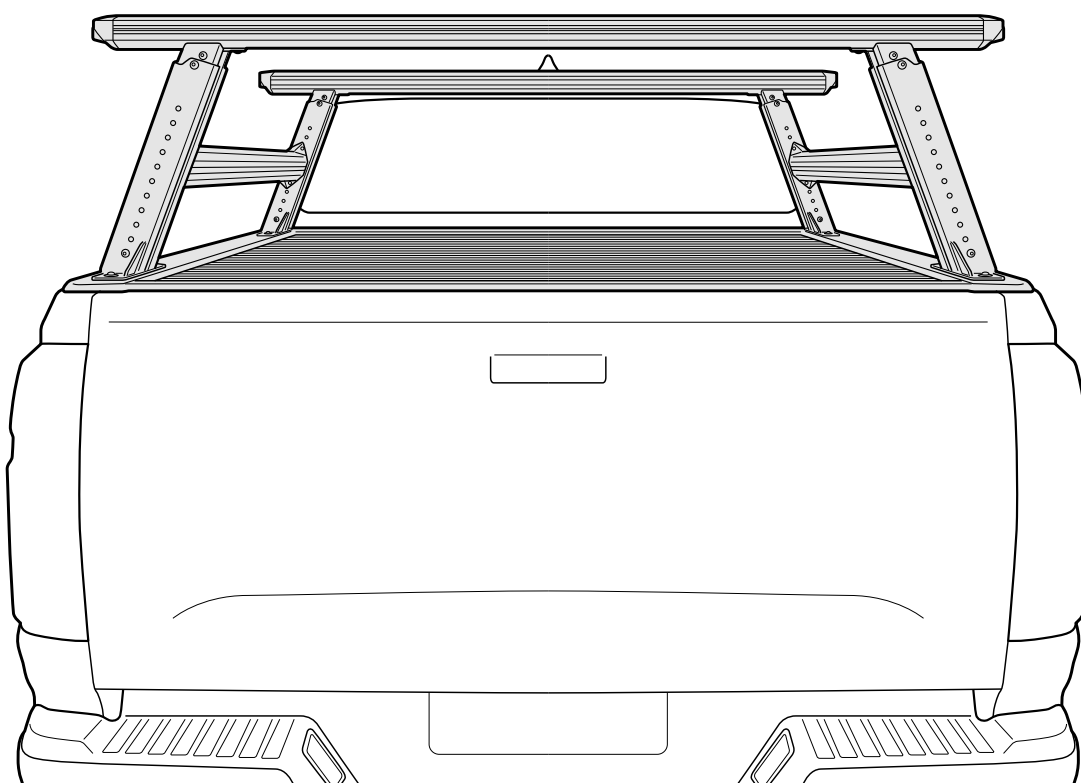
1. Align the channel nuts with the pre-drilled holes in the side brackets.
2. Secure it tight to 6Nm of torque using the supplied M6x12mm socket head bolts, which already have the spring washers loaded.



Use the rubber molding (LR-RE-001) and push it into the channels of the cross bars. Ensure it is flush with each end, avoiding any stretching of the rubber molding. Where required trim any excess rubber molding.



Completed view.



Please read the following disclaimer carefully before using our ladder racks. By using our ladder 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 accessories bar, 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 ladder 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 ladder racks.

Consumer Guarantees:

Under the Australian Consumer Law, our ladder 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 ladder 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 ladder 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 ladder racks. Improper installation or usage may lead to instability, damage to your vehicle, or accidents. It is your responsibility to ensure that the ladder racks are correctly installed and used in accordance with the provided instructions.

Regular Inspections and Maintenance:

We advise conducting regular inspections of the ladder 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 ladder racks.

Assumption of Risk:

By using our ladder 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 ladder 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 ladder 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 ladder racks or this disclaimer, please contact us for further clarification.