



INSTALLATION INSTRUCTIONS

LOAD Rack to suit (REAR OF UTE TUB)



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:

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	• 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	• 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

BOX CONTENTS

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



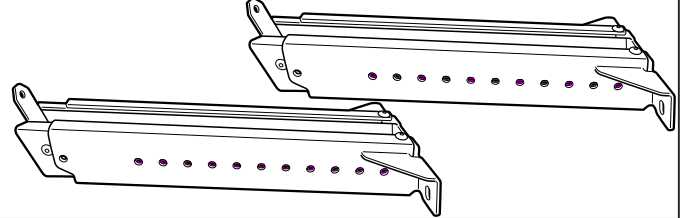
PART NO. S2.5-DC-RE-007-1550mm (Cross Bar Rubber) Qty - 1



PART NO. LR-RE-001 1500mm (LADDER RACK channel insert seal) Qty - 2



PART NO. LR-ASS-008 LEG Qty - 2



Pack 1

LR-PI-001



END CAP
Qty - 2



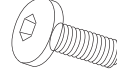
SELF
DRILLING
SCREW
Qty - 2



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

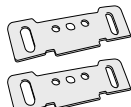
LR-SM-001



CHANNEL
NUT
Qty - 2

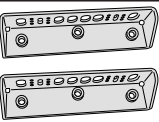


S5 ALLEN KEY
Qty - 1

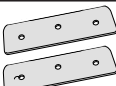


LR-FG-005
Foam Foot
PAD
Qty - 2

Pack 7



LR-ASS-007
Sleeve RMB
SO
Qty-2



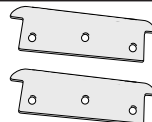
LR-SF-012
Base foot
Packer Sleeve
SO
Qty-2



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



SELF
DRILLING
SCREW
Qty - 20



LR-FG-008
SO Foa Foot
PAD
Qty - 2

The load rack cross bar has 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

S2.5-DC-RE-007

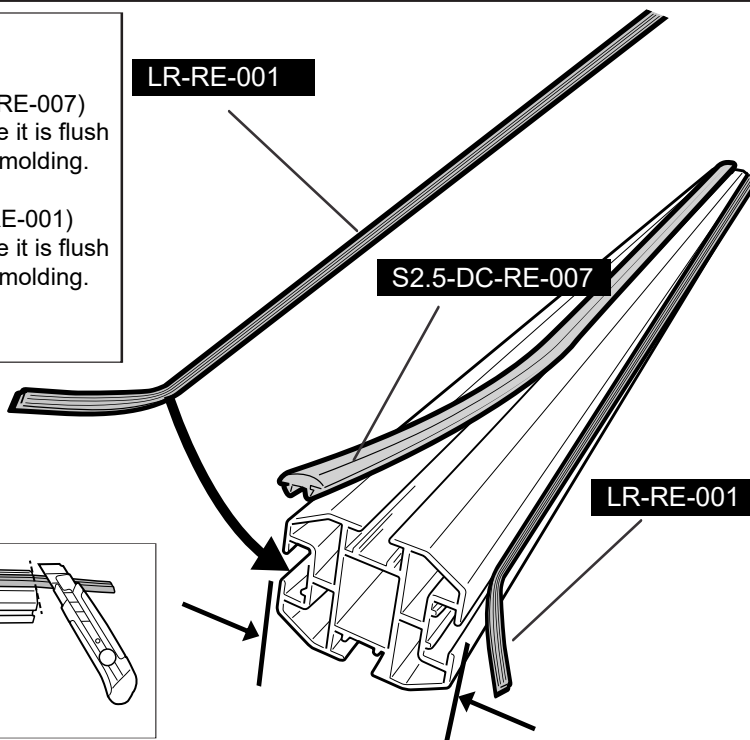
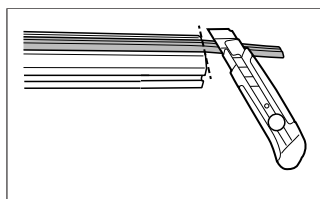
LR-RE-001



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

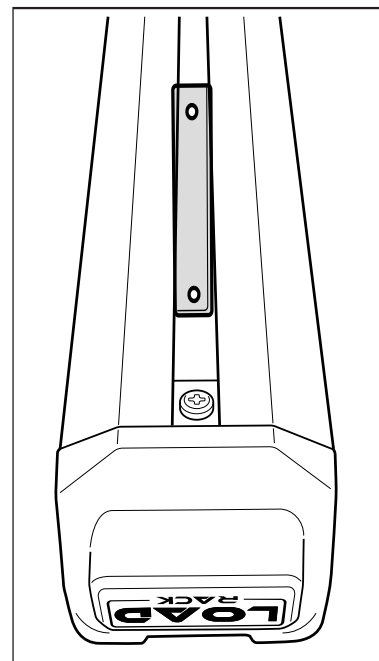
b

LR-PI-001

c

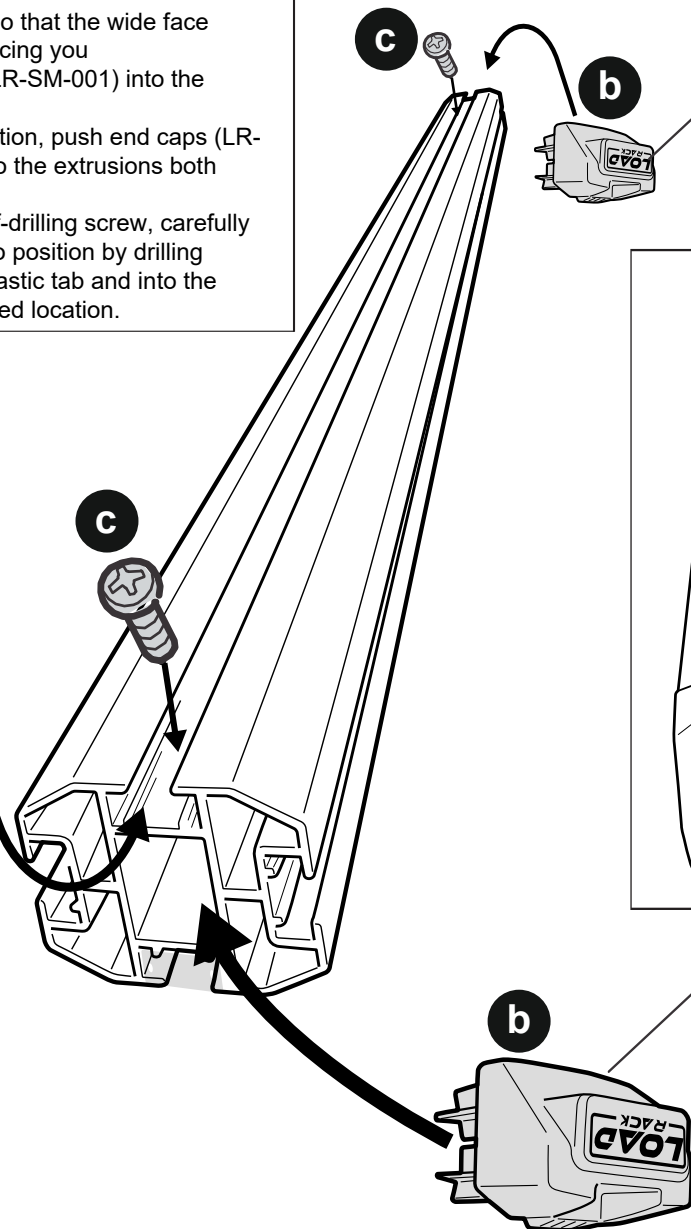
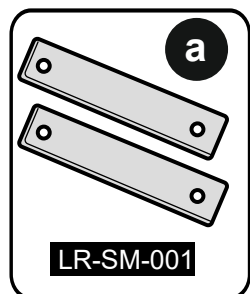
a

LR-SM-001



LR-PI-001

b

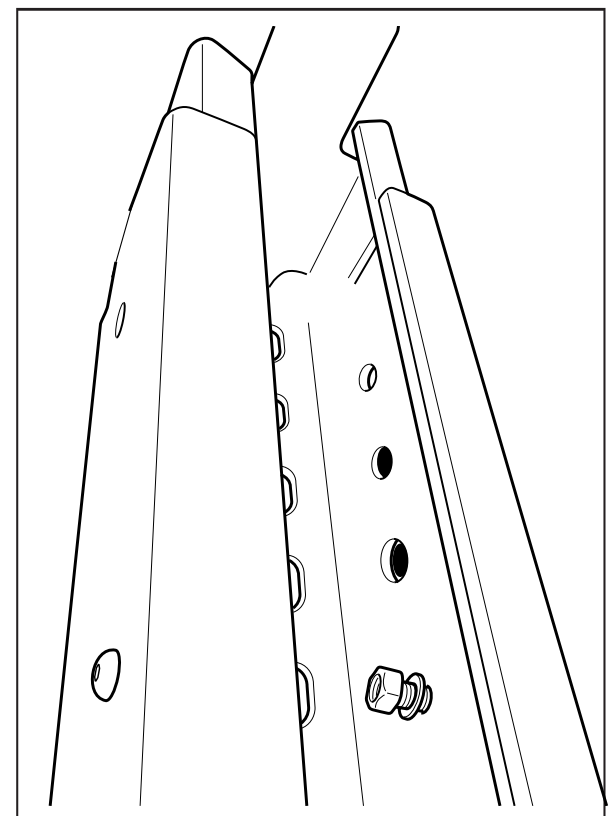
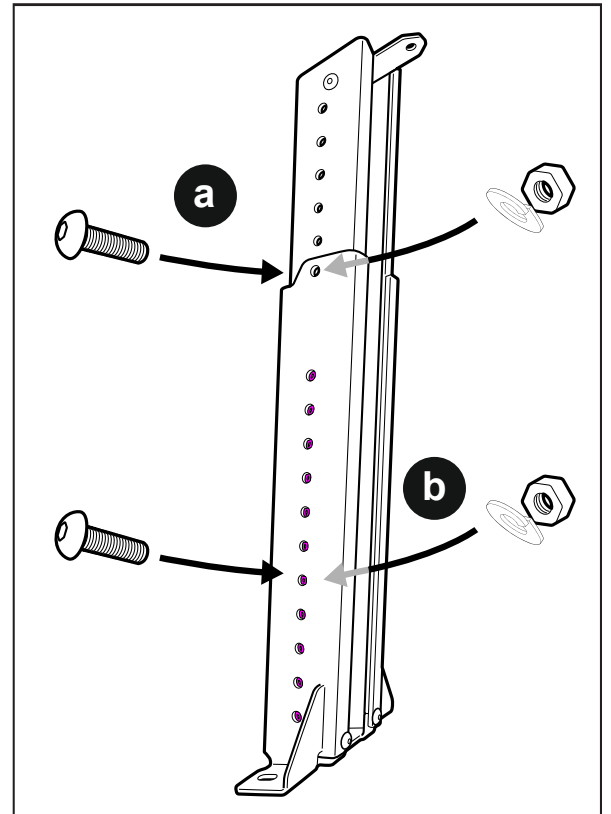
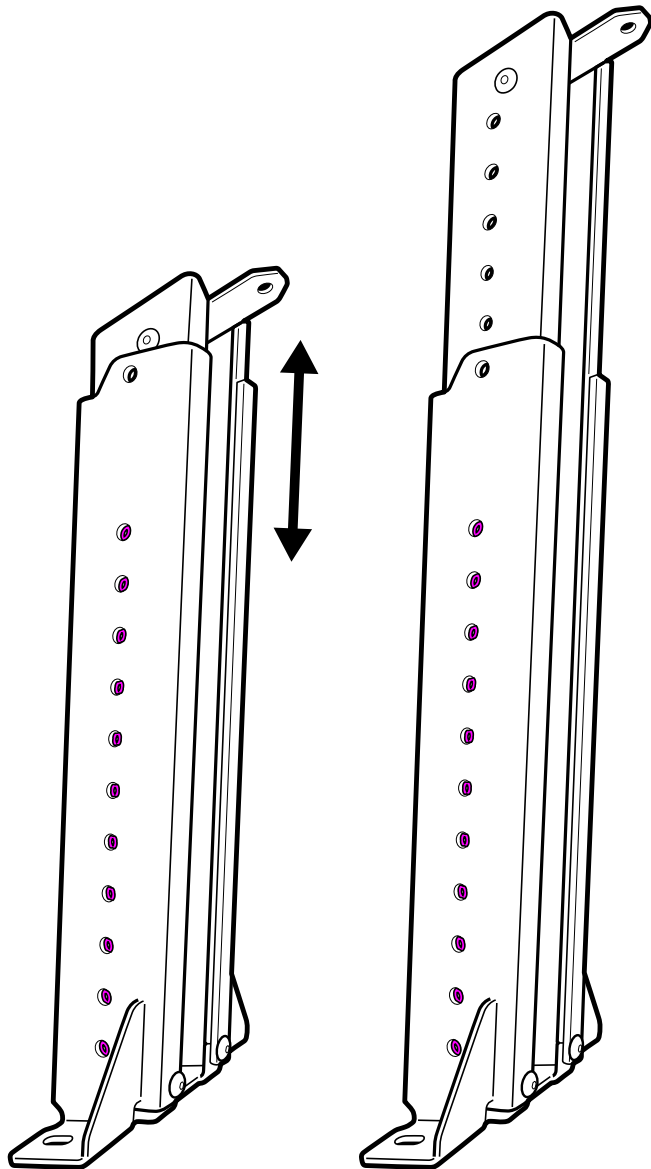


The upright legs (LR-ASS-008 LEG) of the ladder racks are adjustable. When assembled along with the cross bar on top of the ute tub or roll top, **they range from a minimum height of 450mm to a maximum height of 700mm.**

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:

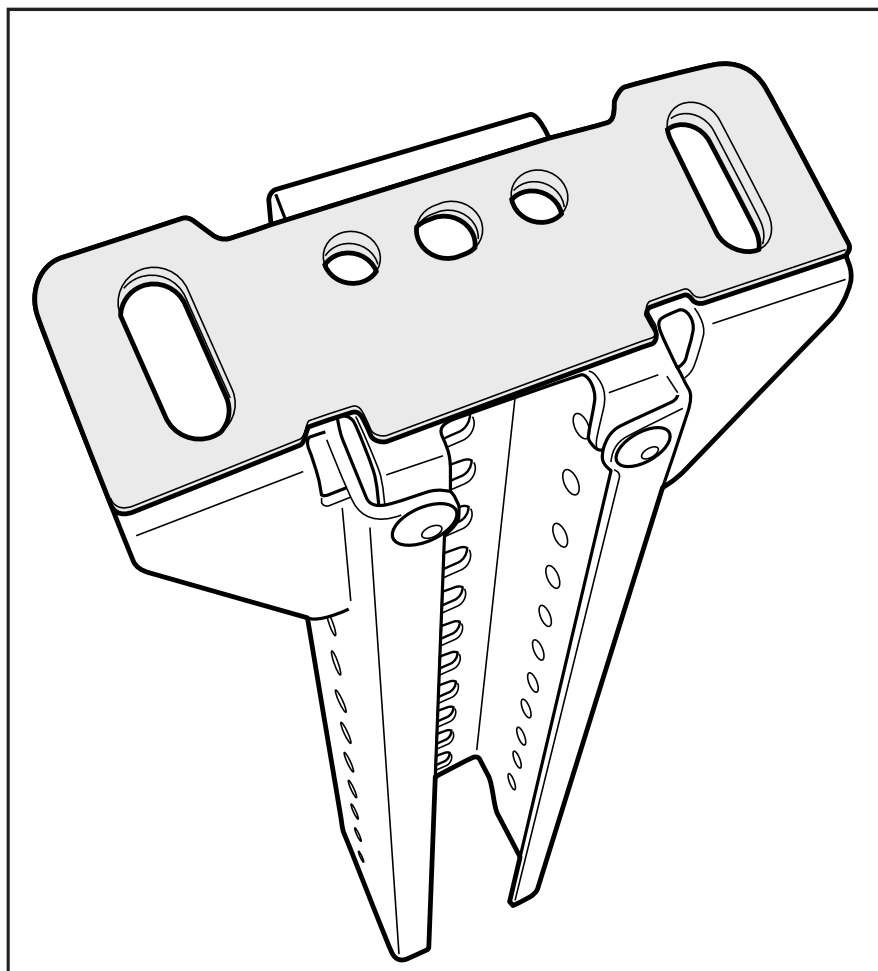
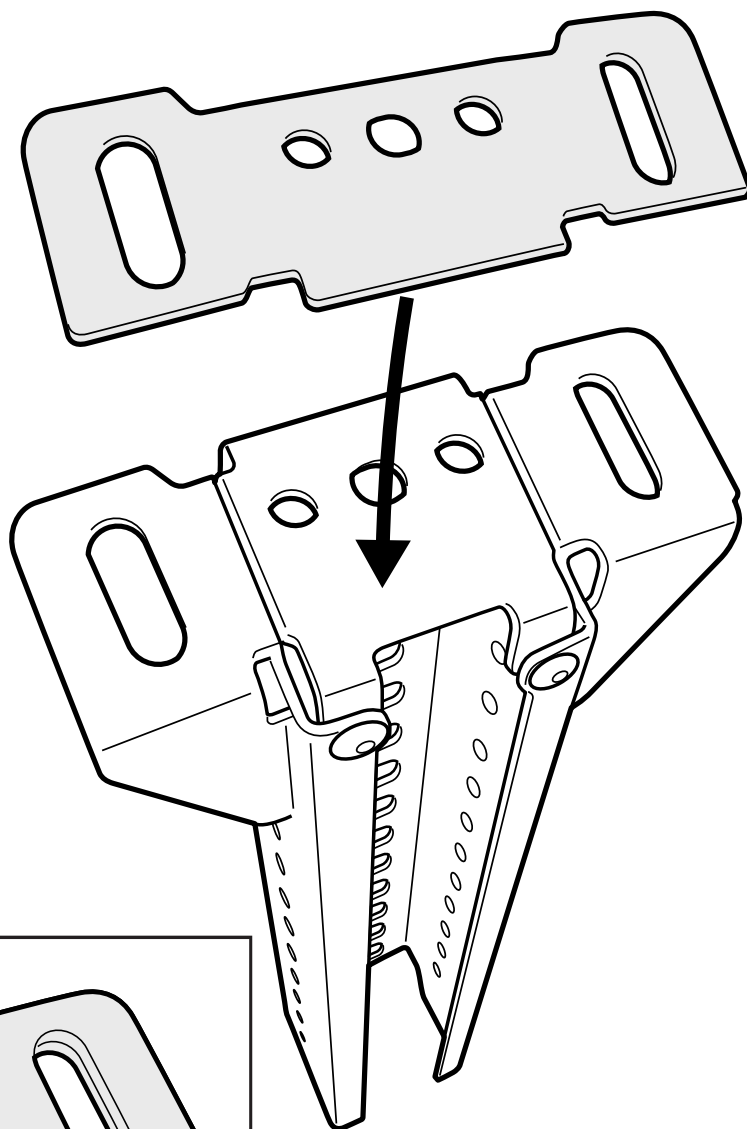
- a. On the outer sleeve of the leg, choose the top holes as indicated. Feed the supplied M8x20mm Allen head bolt through the holes of both sleeves of the uprights. Secure it in place using an M8 spring washer and an M8 nut.
- b. On the inner sleeve of the leg, choose the bottom holes as indicated. Feed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



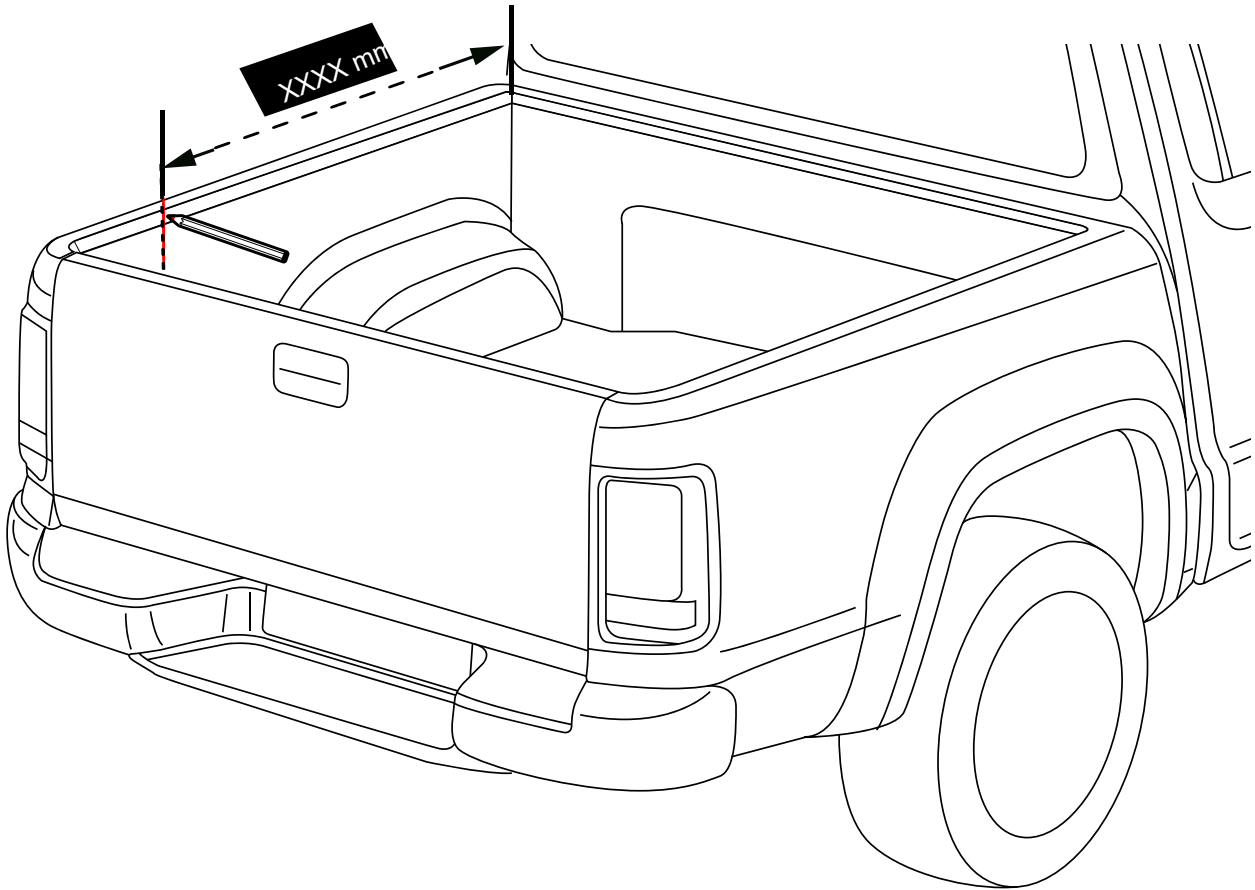
Tub preparation

Refer to the vehicle-specific table provided and follow the measurements listed there. Start by measuring from the inside of the front rail of the tub along the top edge of the tray for xxxx mm (windscreen end), then mark the position as indicated. Repeat to the other side.

Note:

If you are fitting the rear rack to a ute tub/bed that is not listed below, ensure your marked line is no more than 1268 mm from the front inside rail of the tub (towards the tailgate). If the tub has a curve near the rear (tailgate end), avoid marking near the curve and select a smaller measurement accordingly.

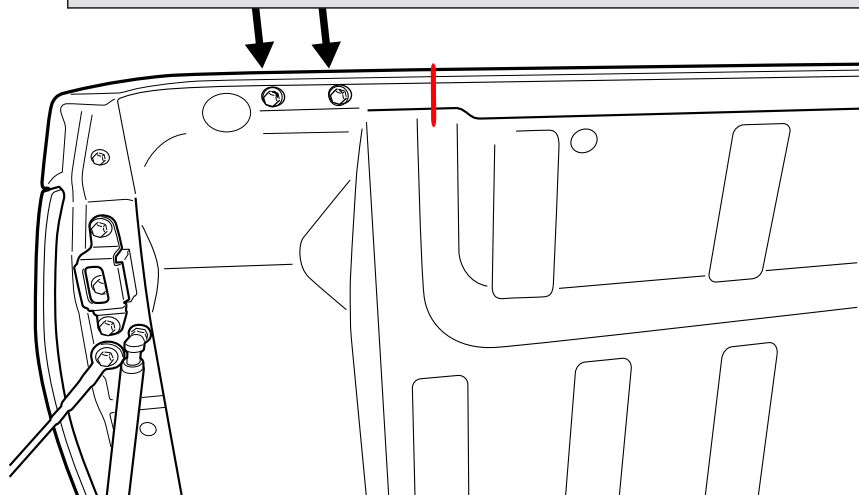
GWM Cannon Ute	1268mm
LDV T60	1231mm
Isuzu Dmax 2021+	1267mm
Mazda BT50 2021+	1267mm
Nissan Navara 2020+	1182mm
Toyota Hilux A Deck 2016+	1224mm
Toyota Hilux J Deck 2016+	1224mm
Mitsubishi Triton MV	1261mm



If your ute bed is equipped with factory bolts to the locations indicated, please skip to page 9 of 16.

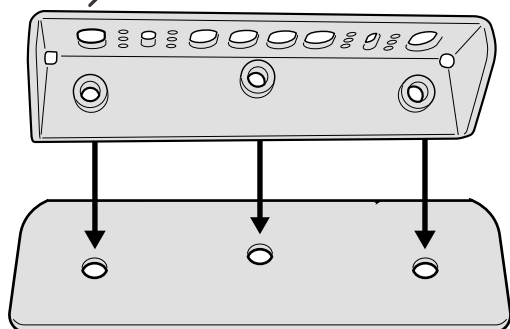


If your ute bed is equipped with factory bolts to the locations indicated, please skip to page 9 of 16.



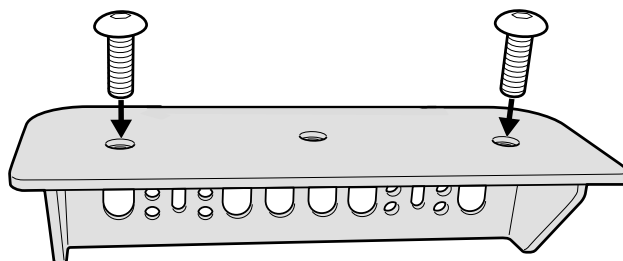
In the indicated orientation, position bracket (LR-ASS-007 Sleeve RMB SO) so that its threads are aligned with the indicated holes of the (LR-SF-012 Base foot Packer Sleeve SO) Plate.

LR-ASS-007 Sleeve RMB SO



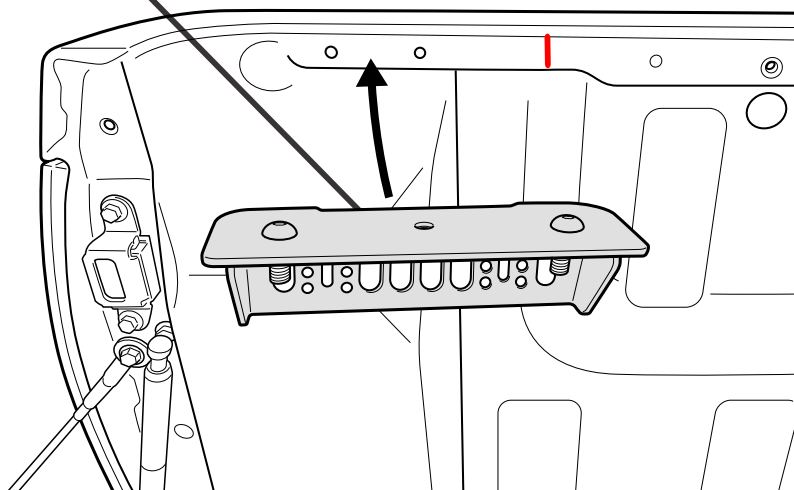
LR-SF-012 Base foot Packer Sleeve SO

Using the supplied M8 socket head bolt, secure the plate to the bracket.

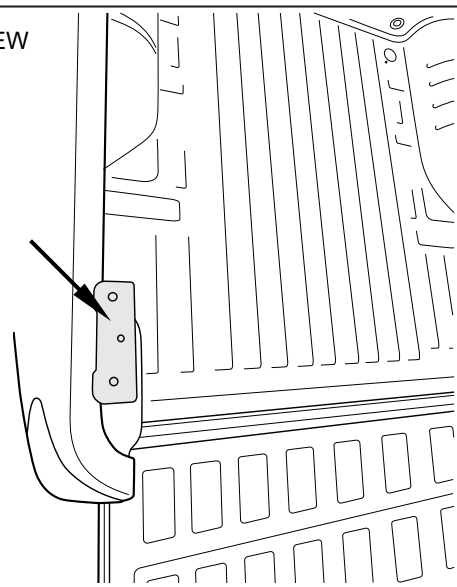


1. In the indicated orientation, position the assembled bracket on top of the side panel of the tub.
2. Align the front edge of the bracket (LR-ASS-007 Sleeve RMB SO) with the position previously marked on page 6 of 16.

Assembled bracket

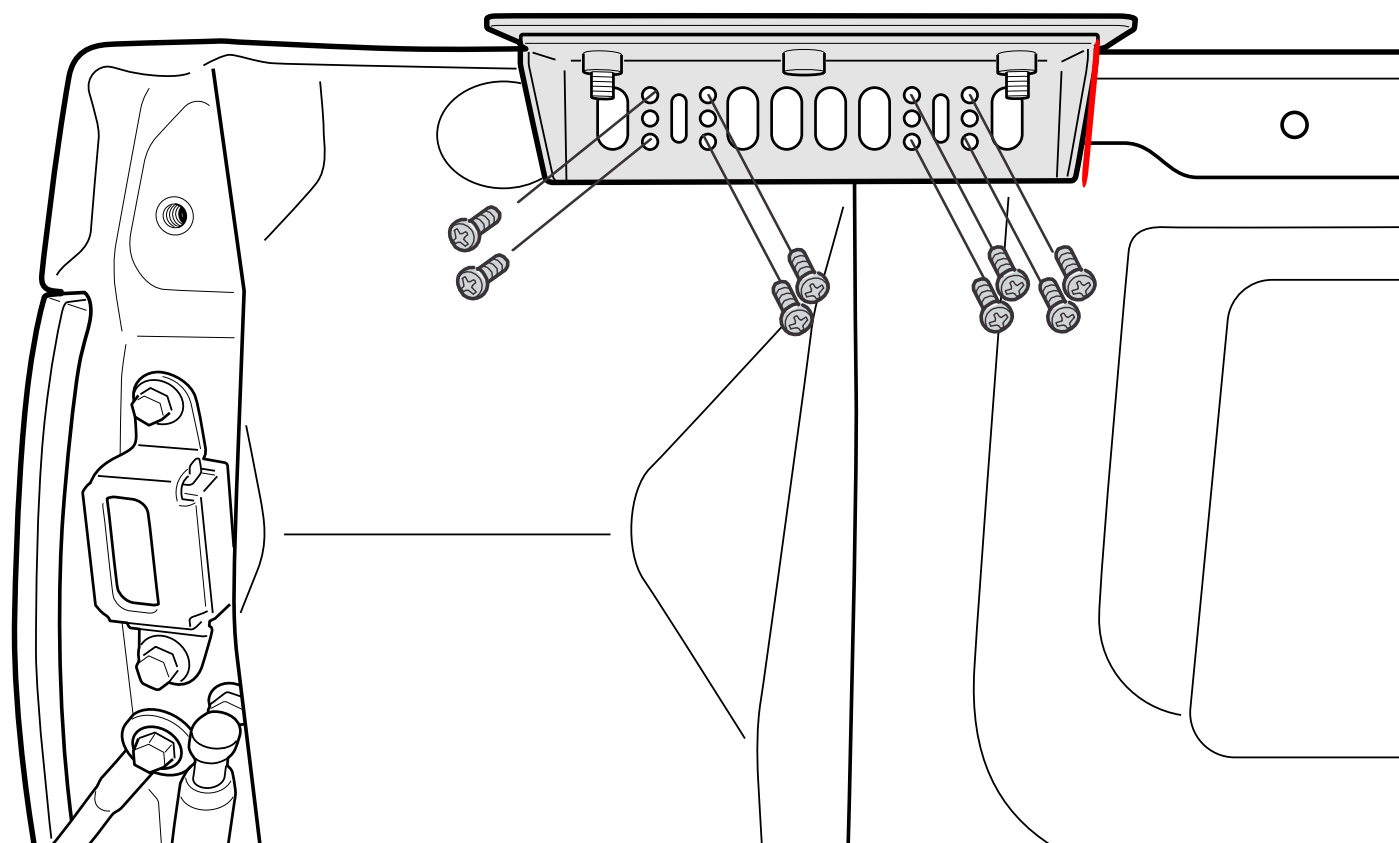
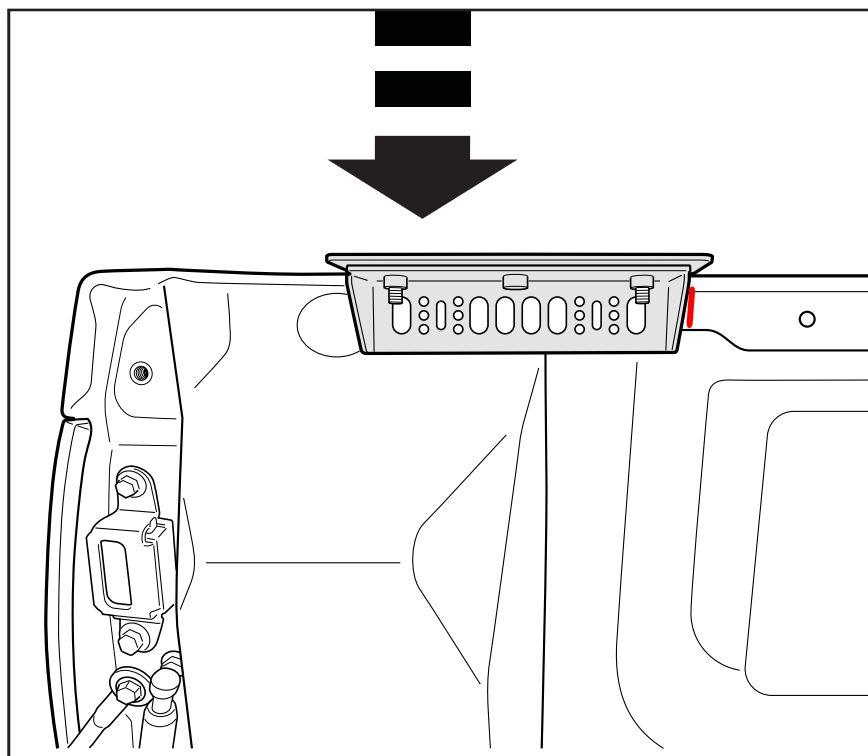


TOP VIEW



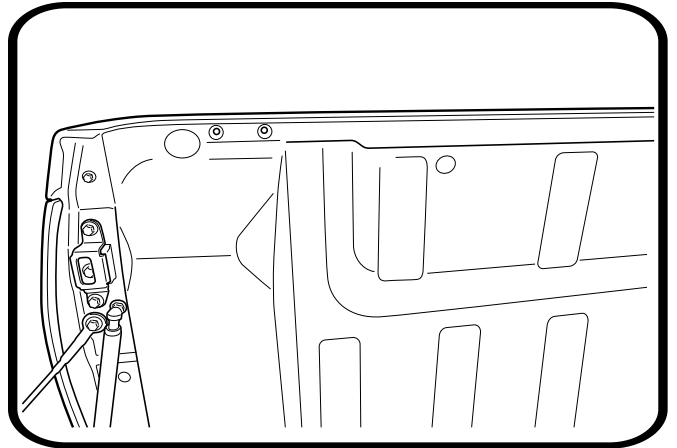
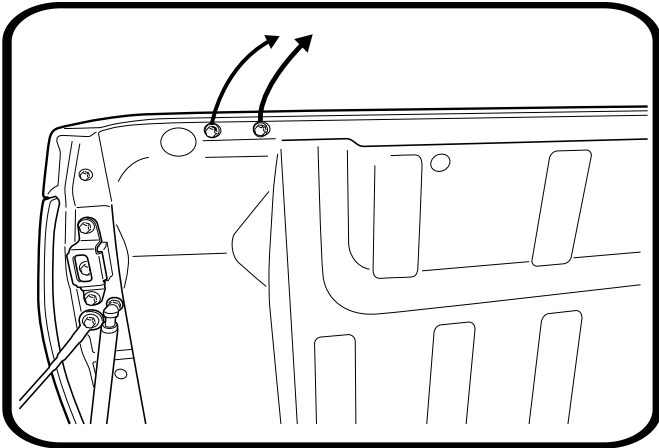
Making sure that the bracket (LR-ASS-007 Sleeve RMB SO) is in-line with the previously marked line.
Apply firm downward pressure on the assembled bracket and secure it to the indicated locations using the provided self-drilling screws. If there are any obstructions, choose alternative holes.

Now proceed to page 11 of 16.

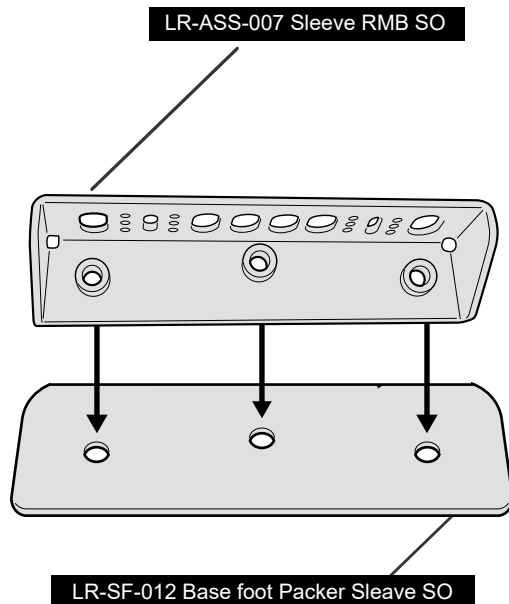


Tub preparation

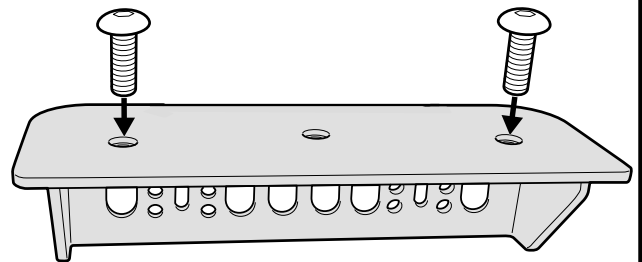
Remove indicated factory bolts and discard.



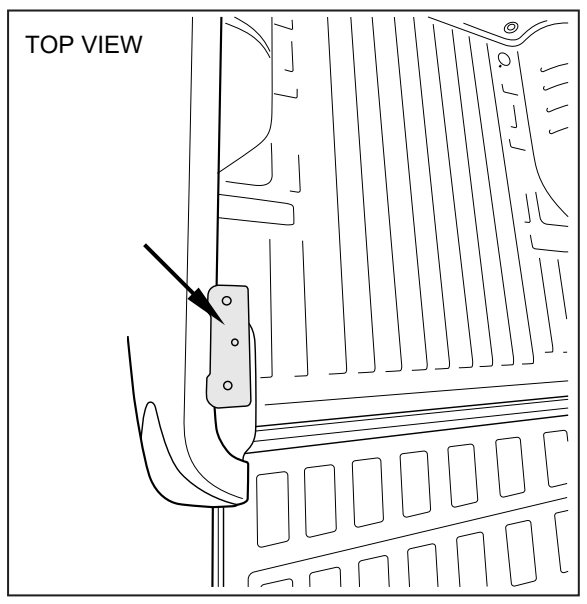
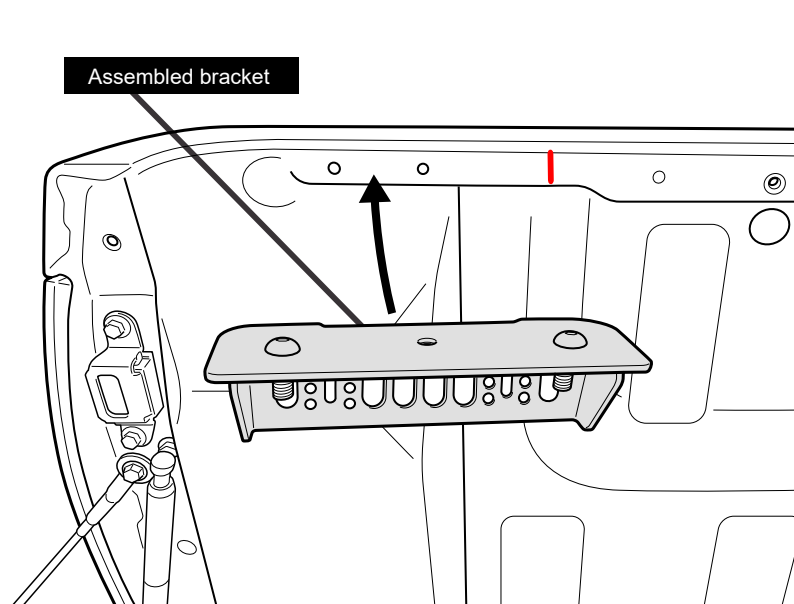
In the indicated orientation, position bracket (LR-ASS-007 Sleeve RMB SO) so that its threads are aligned with the indicated holes of the (LR-SF-012 Base foot Packer Sleeve SO) Plate.



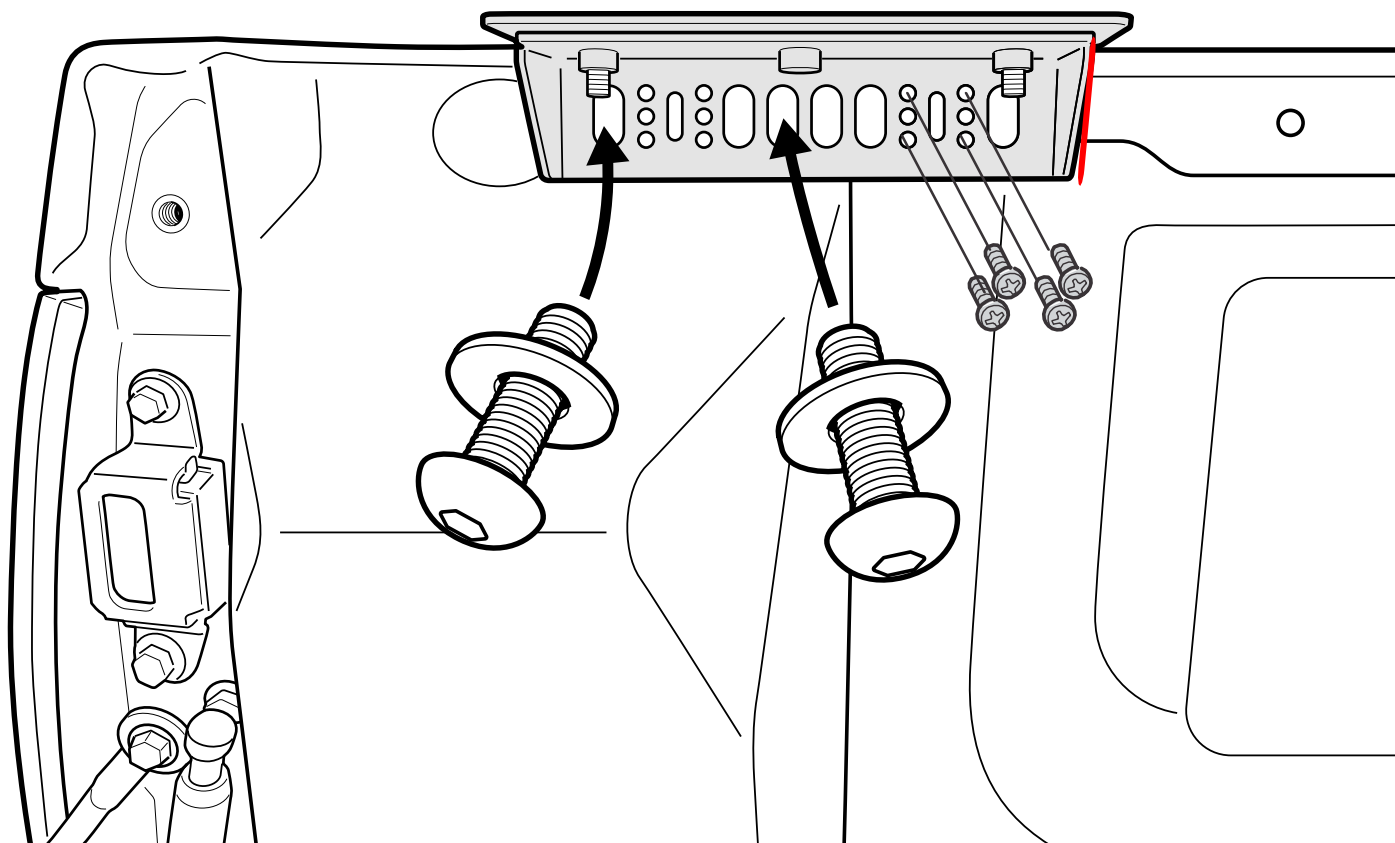
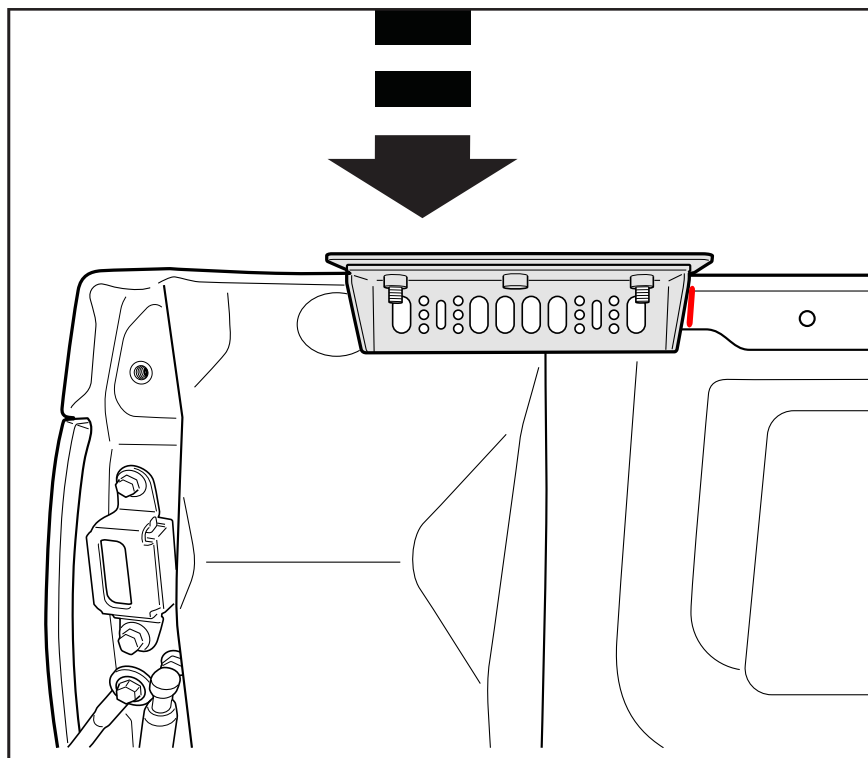
Using the supplied M8 socket head bolt, secure the plate to the bracket.



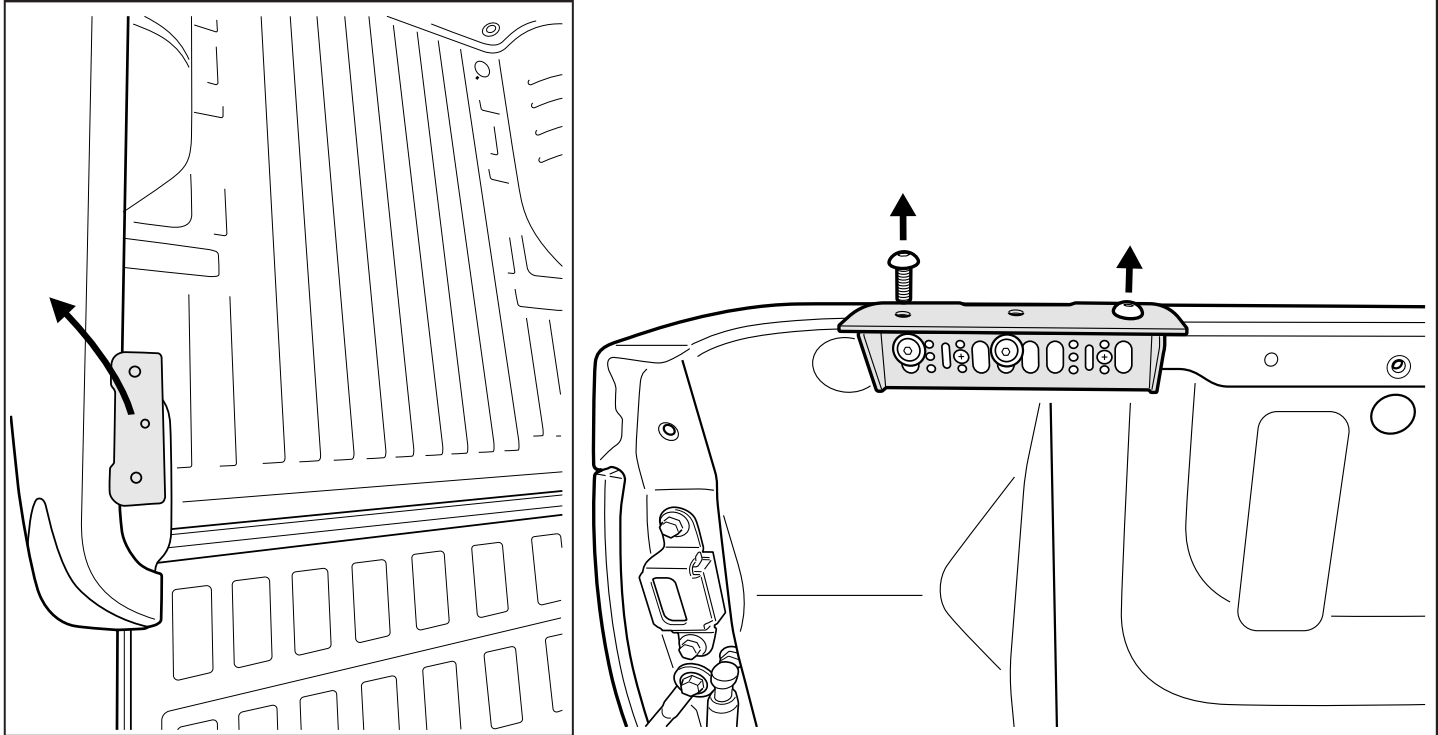
1. In the indicated orientation, position the assembled bracket on top of the side panel of the tub.
2. Align the front edge of the bracket (LR-ASS-007 Sleeve RMB SO) with the position previously marked on page 6 of 16.



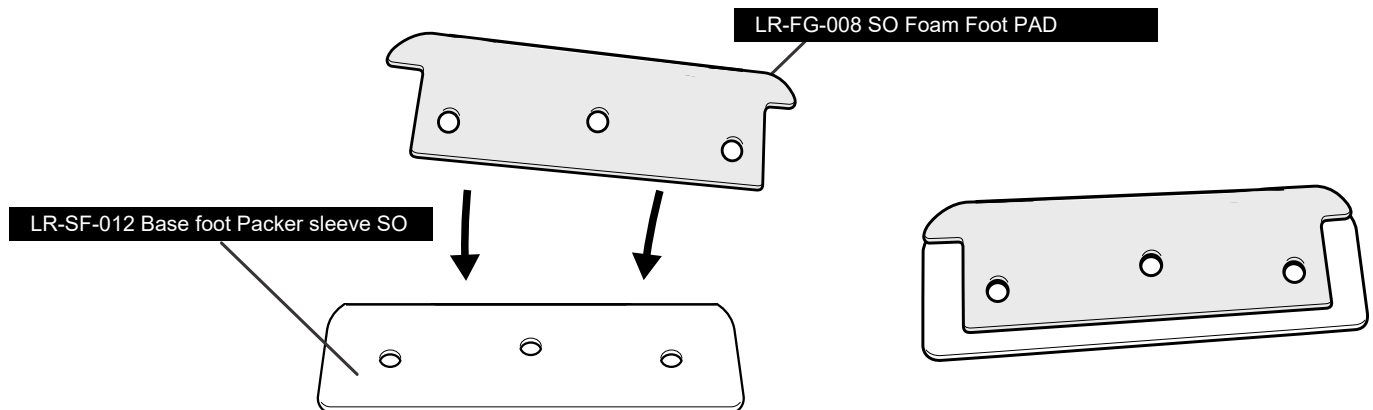
1. Making sure that the bracket (LR-ASS-007 Sleeve RMB SO) is in-line with the previously marked line. Apply firm downward pressure to secure the bracket, then fasten it in place using the provided M8x25mm Allen head bolt which has the spring washer and mudguard washer loaded to it.
2. Fasten the front of the bracket to the indicated locations using the provided self-drilling screws.



1. Now remove indicated bolts.
2. Flip flat plate (LR-SF-012 Base foot Packer Sleeve SO LR-SF-004) over.

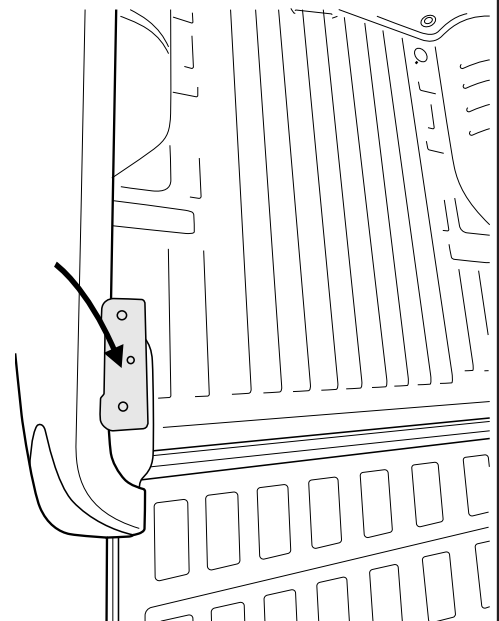


Apply foam pad (LR-FG-008 SO Foam Foot PAD) to flat plate (LR-SF-012 Base foot Packer sleeve SO).

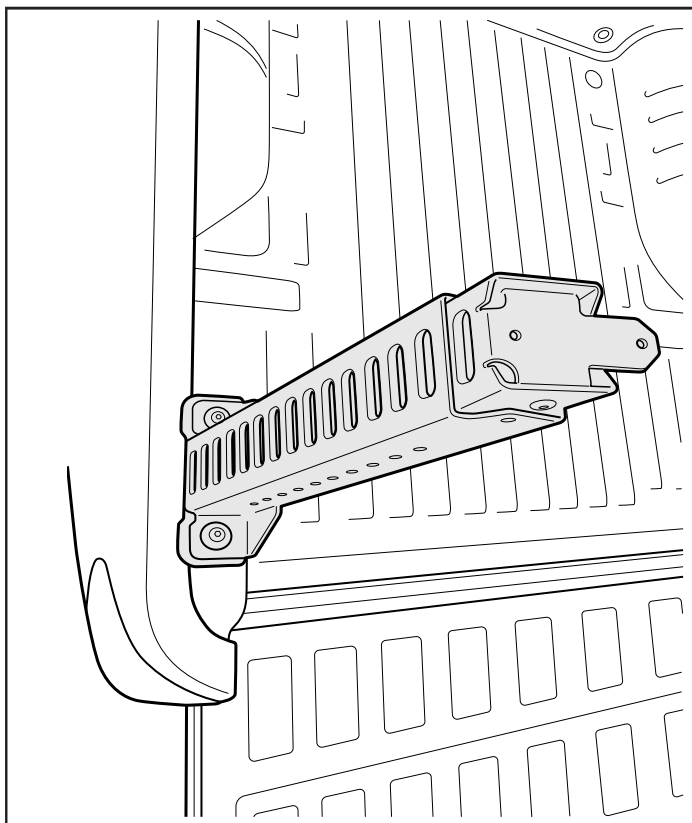
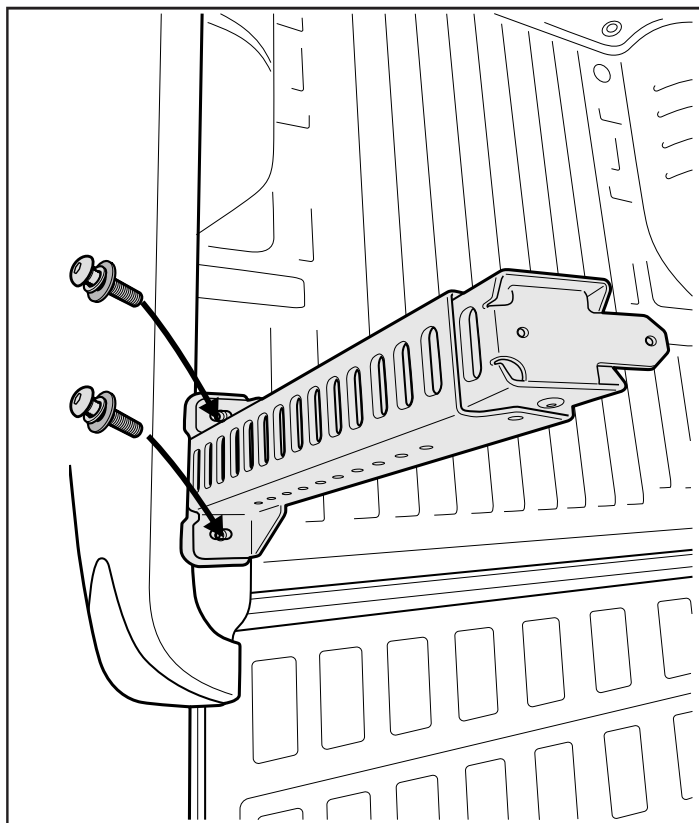
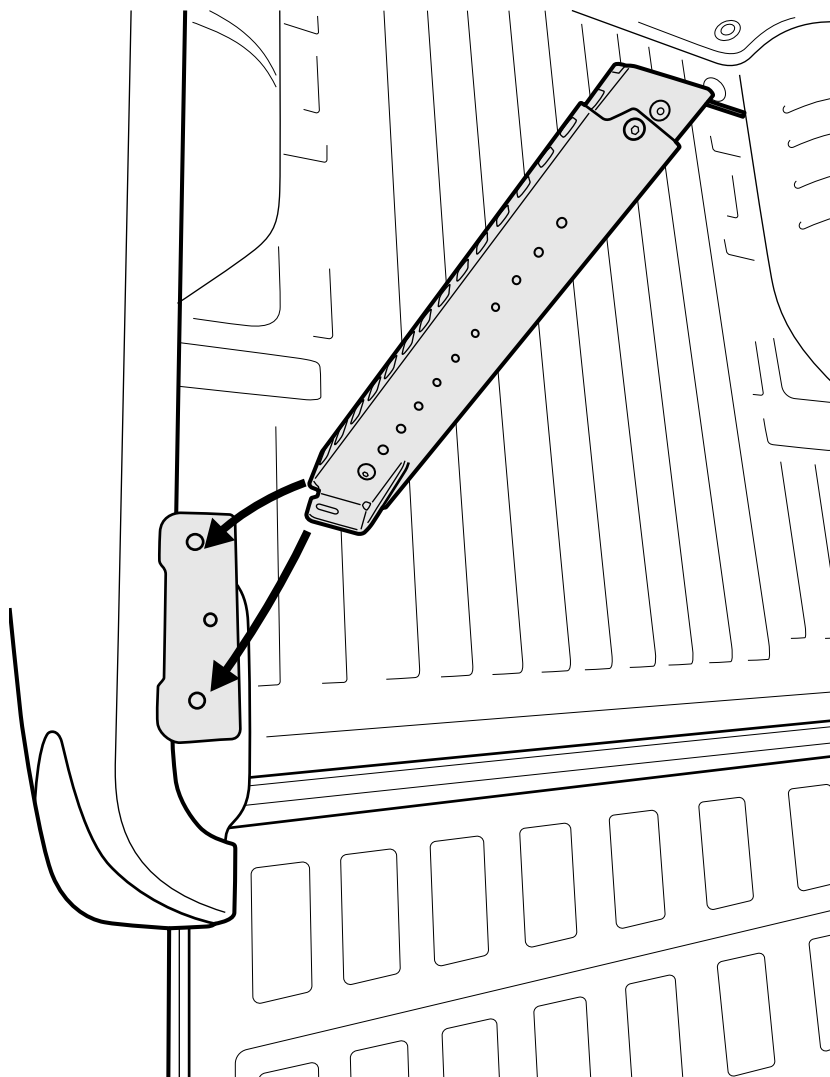


Flip the flat plate (LR-SF-012 Base Foot Packer Sleeve SO LR-SF-004) over and place it back in its original location.

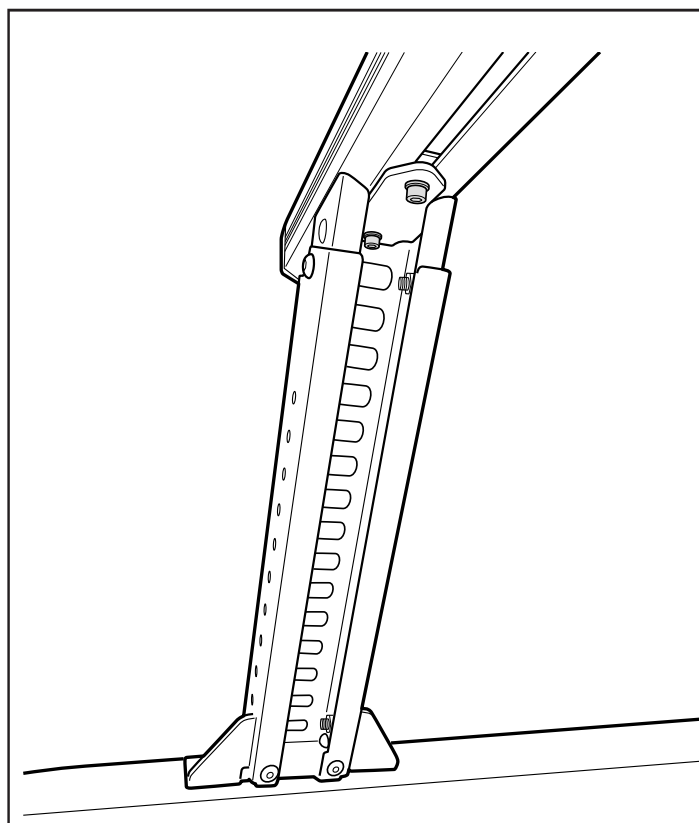
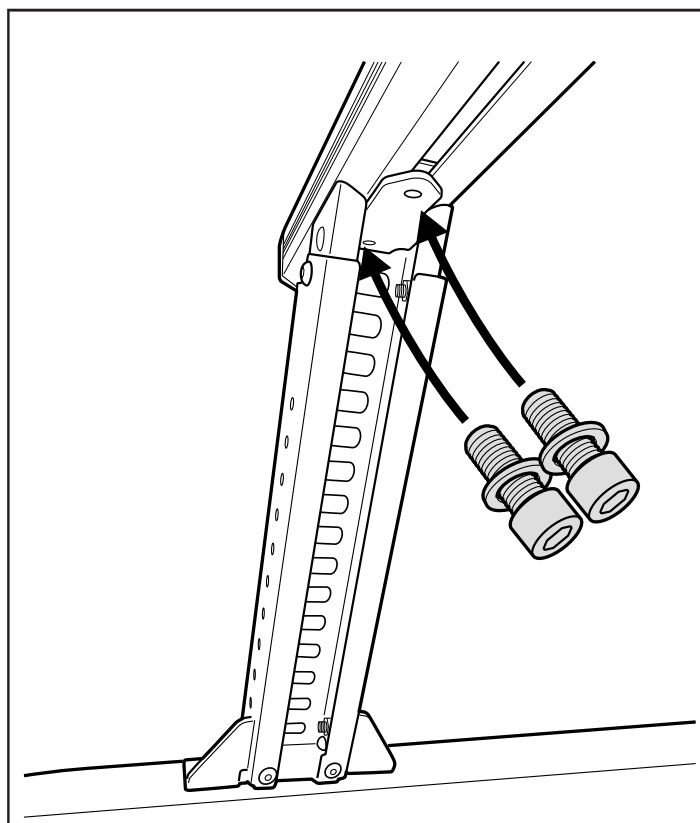
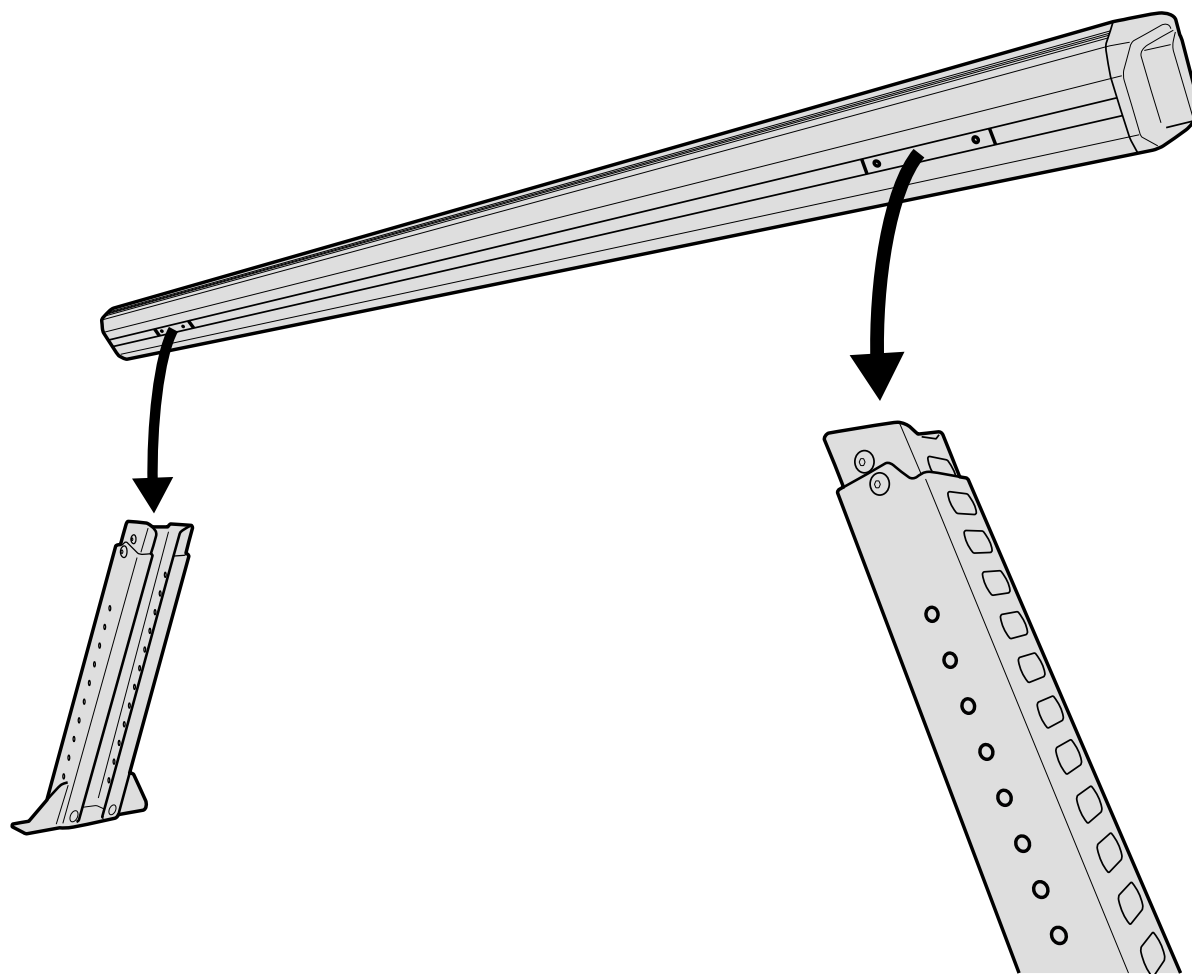
Note: The foam pad should be in contact with both the bracket and the top of the tub rail.



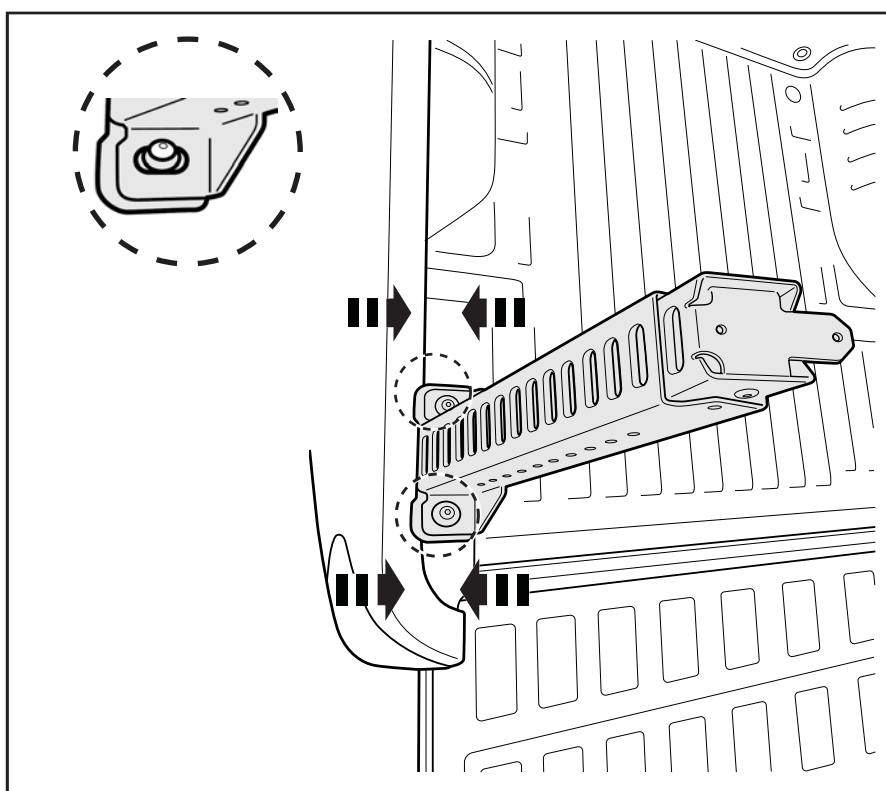
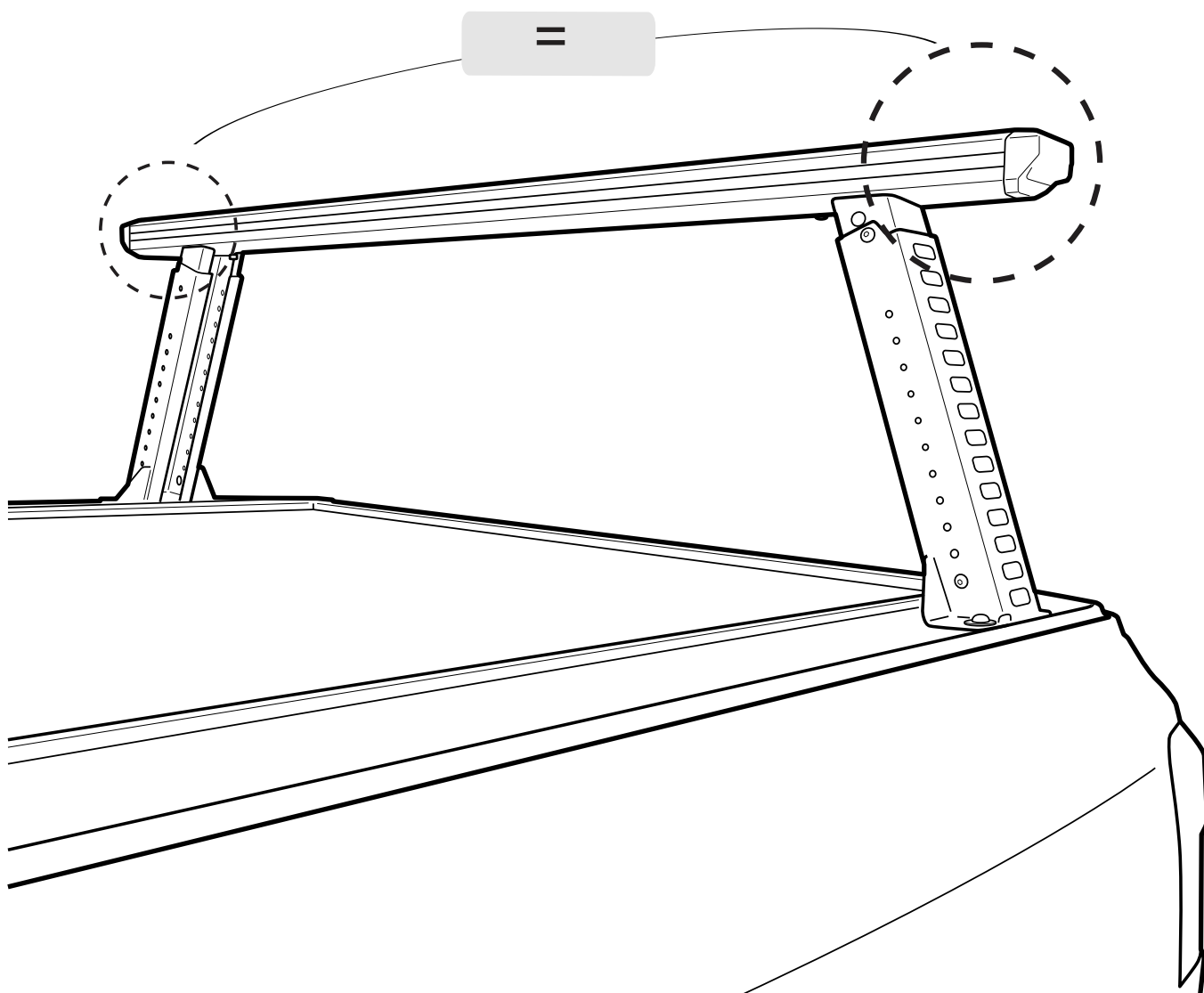
With care, place the Load rack leg (LR-ASS-008 LEG) on top of the flat plate, align the elongated holes with the holes of the flat plate and the threads of the base brackets. Secure it loosely in position using the supplied M8x25mm Allen head bolt, which has the spring washer and mudguard washer attached. Repeat to the other side.



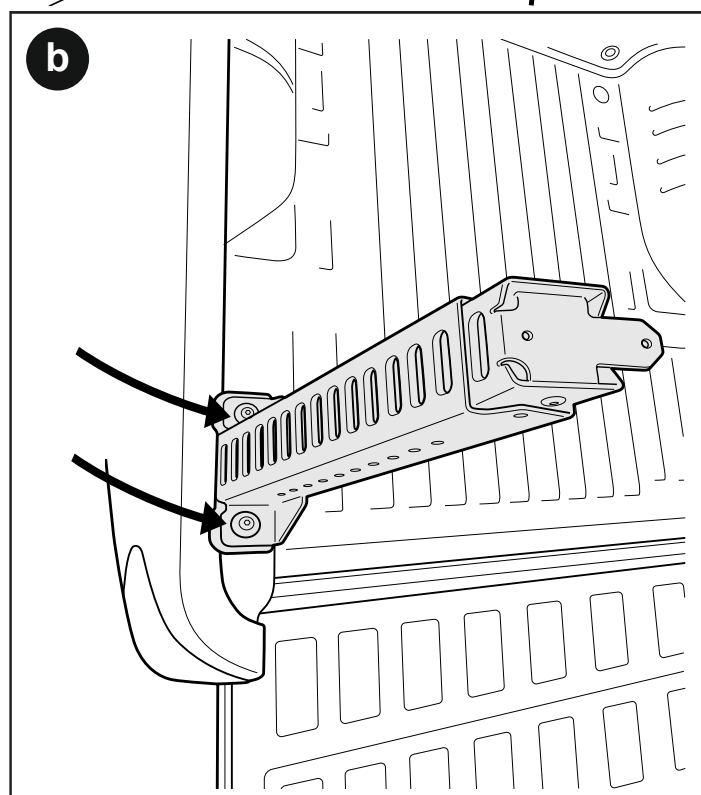
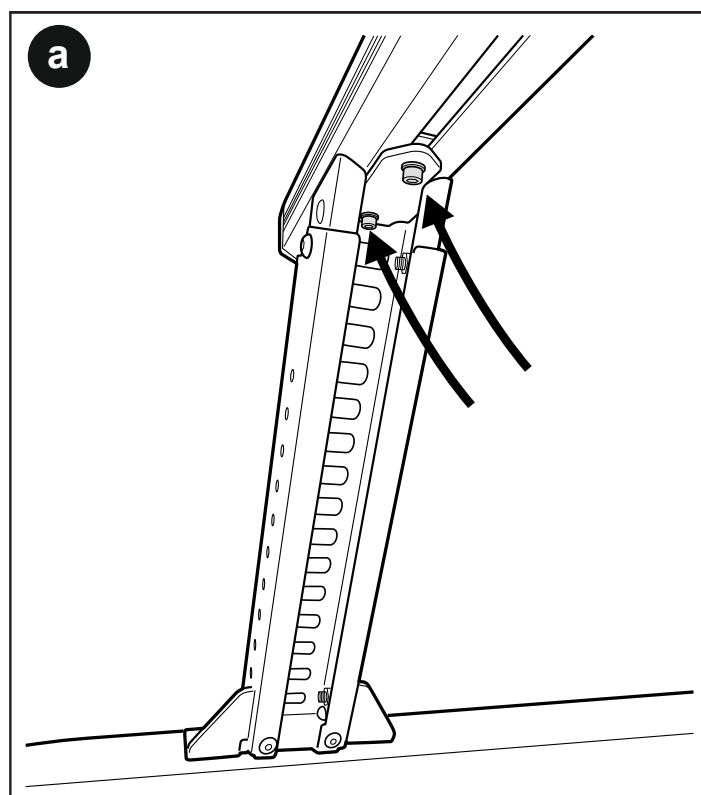
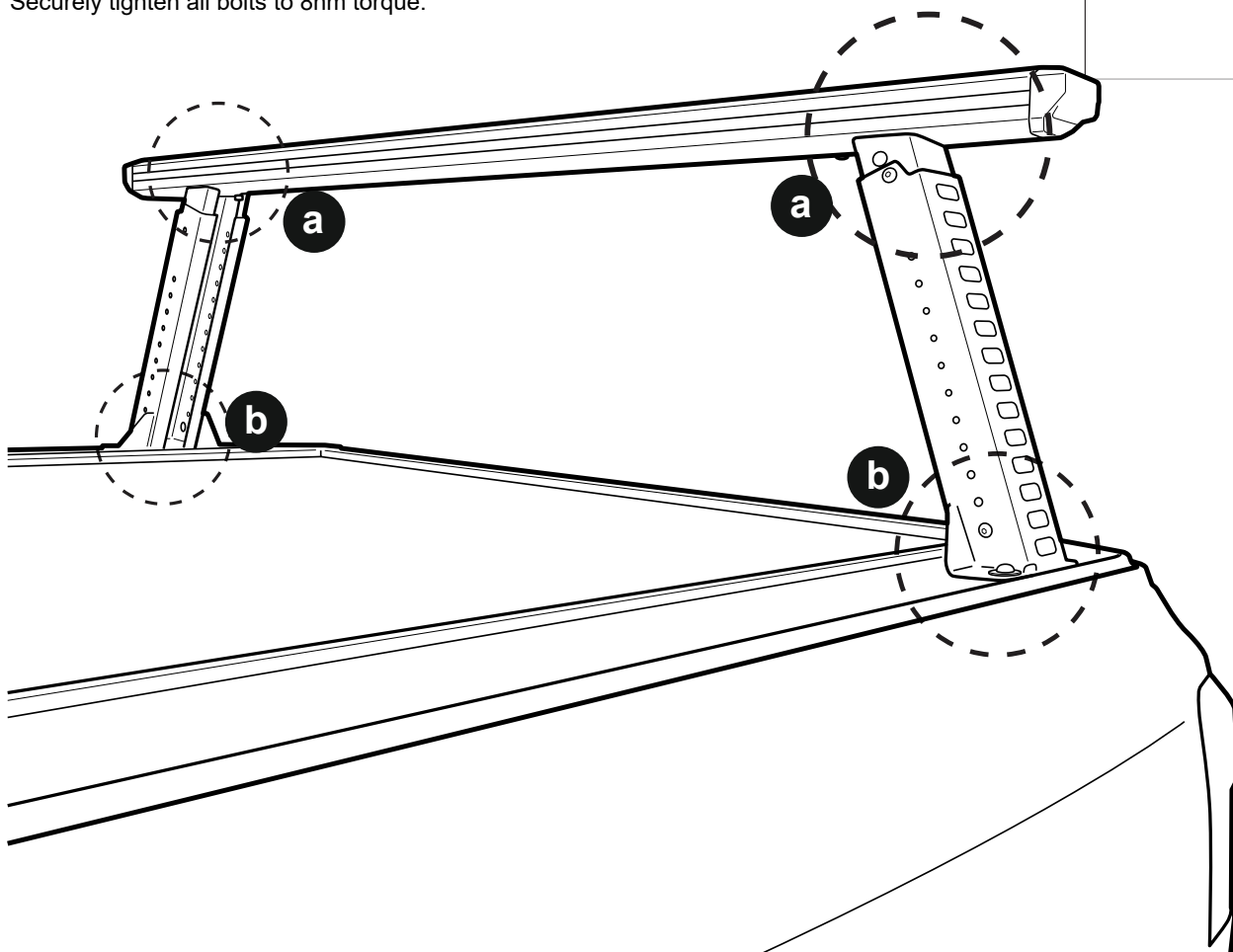
1. As indicated place the assembled cross bar to the upright legs. You will need to align the channel nut to the upright legs pre drilled holes.
2. Secure it loosely in position using the supplied M6x12mm socket head bolt which has the spring washer already loaded.



1. Measure and center cross bar.
2. Make sure uprights are parallel and the elongated holes of the uprights are centered to the thread of the base bracket.



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



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 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.