



Important Information!

Please note that with the box of the Roll R Cover, there is a service kit that includes:

- A User Guide**
- Specific Lubrication**
- A Servicing Guide**
- A Warranty Guide**

This must be handed over to the end user in order for them to register their warranty and understand the servicing requirements.

ROLL. R. COVER[®]
SERIES 3



INSTALLATION INSTRUCTIONS

To suit LDV T60 fitted with factory sailplane.

This instructions has QR codes on relevant sections. You must scan the QR codes via your smart phone camera and watch the video to ensure your fitment is to standard.



INSTALLATION TIME: 1 hours and 45 minutes (Approximately)

IMPORTANT	<ul style="list-style-type: none"> • Do not stand/sit or rest heavy objects on Roll R Cover • Humans or animals are not to be under the closed cover at any given time • Tonneau Cover is not dust or water tight • If contact with volatile chemicals occur, clean Cover with mild detergent and water solution 			
Care Instructions	<ul style="list-style-type: none"> • Read Instructions fully before commencing installation. • Clean Cover with a mild detergent and water solution • Do not use abrasive cleaners or solvents • Refer to manufactures instructions applicable to power drill. • Protect Tub floor 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 • Centre Punch • Drill & Drill bits • Caulking Gun • Silicon - Non Acetic </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> • Scissors & Knife • Spanner & Socket • Tape measure • Holesaw • Filing tool </td> <td style="vertical-align: top;"> <ul style="list-style-type: none"> • Soapy water solution • Allen Key set • Screw driver • Rust Inhibitor • Trim Removal Tool </td> </tr> </table>	<ul style="list-style-type: none"> • Pen / Marker • Centre Punch • Drill & Drill bits • Caulking Gun • Silicon - Non Acetic 	<ul style="list-style-type: none"> • Scissors & Knife • Spanner & Socket • Tape measure • Holesaw • Filing tool 	<ul style="list-style-type: none"> • Soapy water solution • Allen Key set • Screw driver • Rust Inhibitor • Trim Removal Tool
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PERSONAL PROTECTIVE EQUIPMENT:



Rubber Gloves




Goggles




Hearing Protection


BOX CONTENTS

LEFT & RIGHT SIDE RAIL


S2.5-DC-AE-002ps-LD4 

S2.5-DC-AE-003ds-LD4 







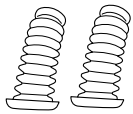
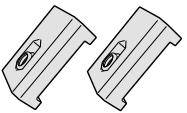
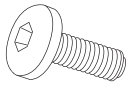


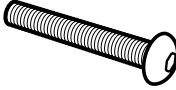

CANISTER ASSEMBLY



S3-DC-AF-GW4R_LD4R-001/002

CANISTER TOP COVER  **S2.5-DC-AE-005 -LD4**




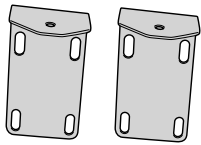

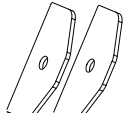
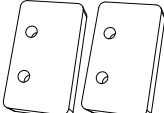



STANDARD KIT

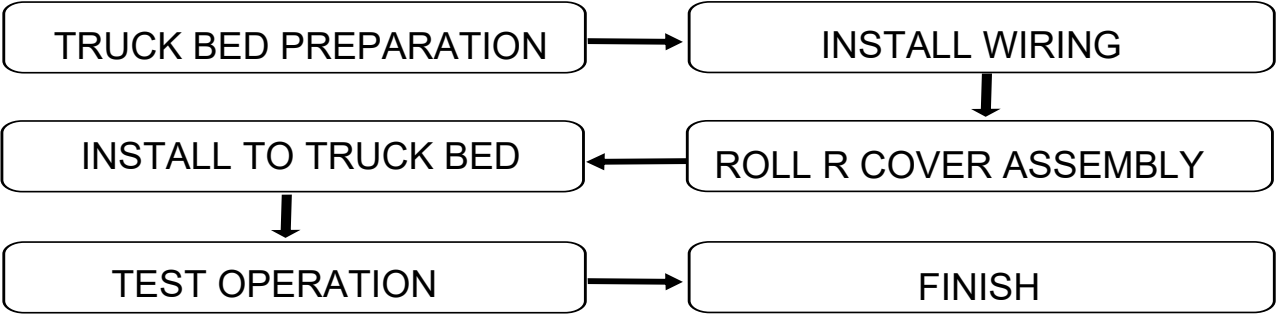
<p>COVER END CAPS</p>  <p>S2.5-DC-PI-004ps</p>  <p>S2.5-DC-PI-004ds</p>	 <p>COUNTERSUNK SCREW Qty - 4</p>	 <p>FLAT PLATE Qty- 2</p>	 <p>CABLE TIE Qty x 16</p>	 <p>BATTERY LOOM S2.75</p>	 <p>Drainage pipe Qty - 2</p>
 <p>SIDERRAIL CLAMP Qty - 6</p>	 <p>M8 x 35mm Qty - 6</p>	 <p>M8 WASHER Qty - 6</p>	 <p>M8 SPRING WASHER Qty - 6</p>	 <p>M8 x 90 mm Qty - 2</p>	 <p>M8 NUT Qty - 8</p>

SPECIFIC KIT LD4R

 <p>50449 D-SPONGE Qty-2</p>	 <p>CL-LOOM-LONG</p>	 <p>LD-PATCH-K</p>
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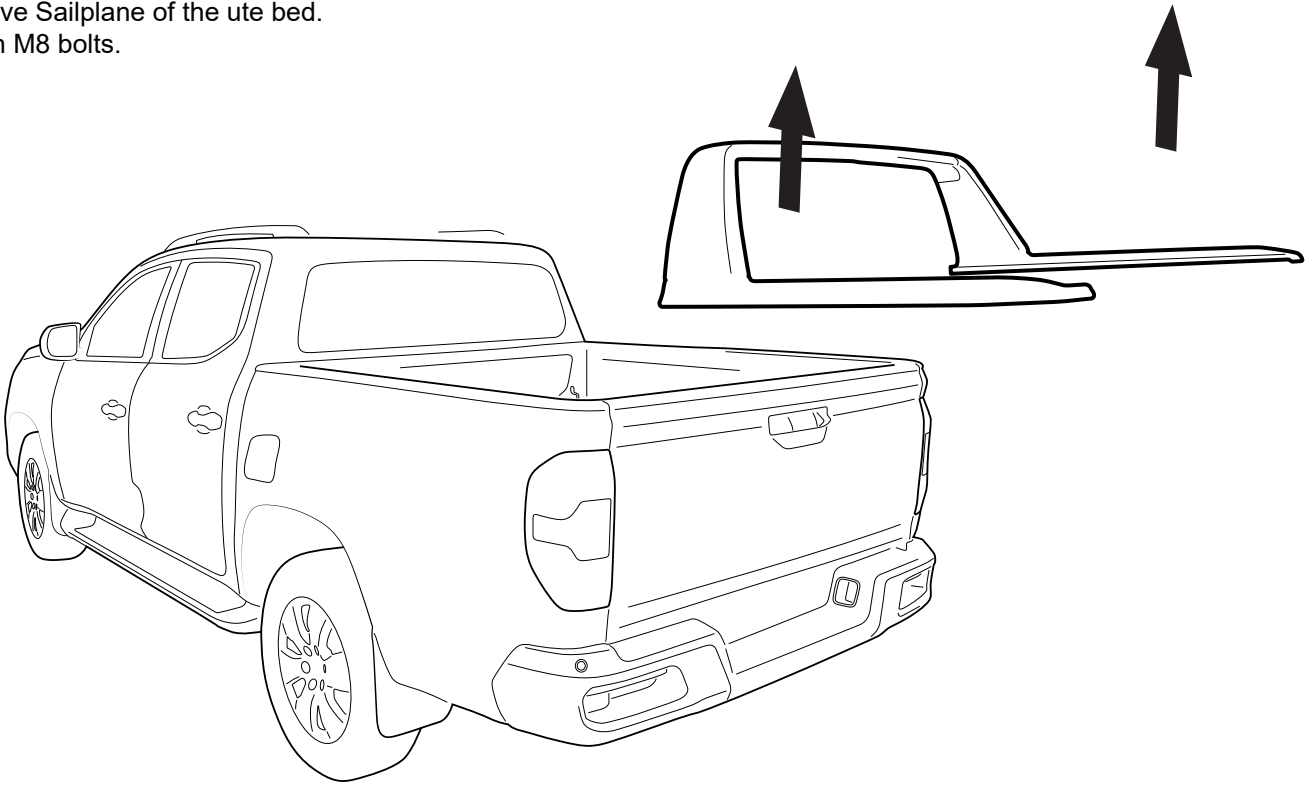
SPECIFIC KIT LD6R

 <p>M8 RUBBER WASHER Qty - 2</p>	 <p>M8 NYLOC NUT Qty - 2</p>	 <p>M6 WASHER Qty - 4</p>	 <p>LD6R-SPB Qty - 2</p>	 <p>M6 RUBBER BACKED WASHER Qty - 2</p>	
 <p>LD6R-SPB-Foam Seal Qty - 2</p>	 <p>LD6R-SP-Mid-Foam Seal Qty - 2</p>	 <p>LD6R-SP-Rear-Foam Seal-DS Qty - 1</p>	 <p>LD6R-SP-Rear-Foam Seal-PS Qty - 1</p>	 <p>3M PRIMER</p>	

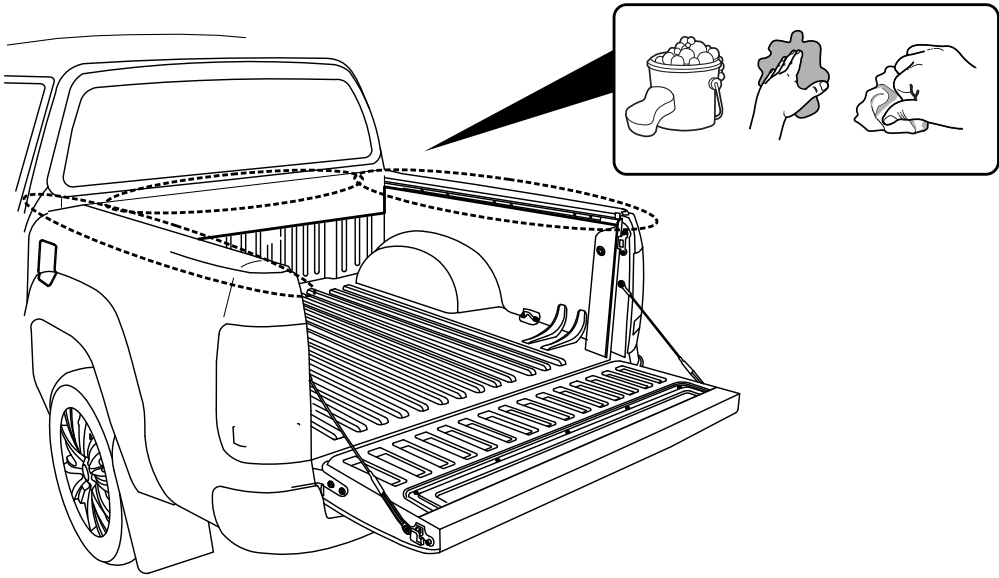


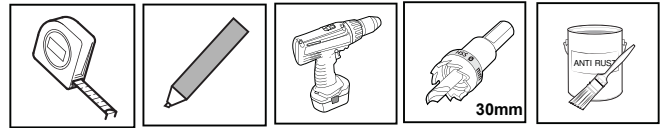
TUB PREPARATION

Remove Sailplane of the ute bed.
Retain M8 bolts.

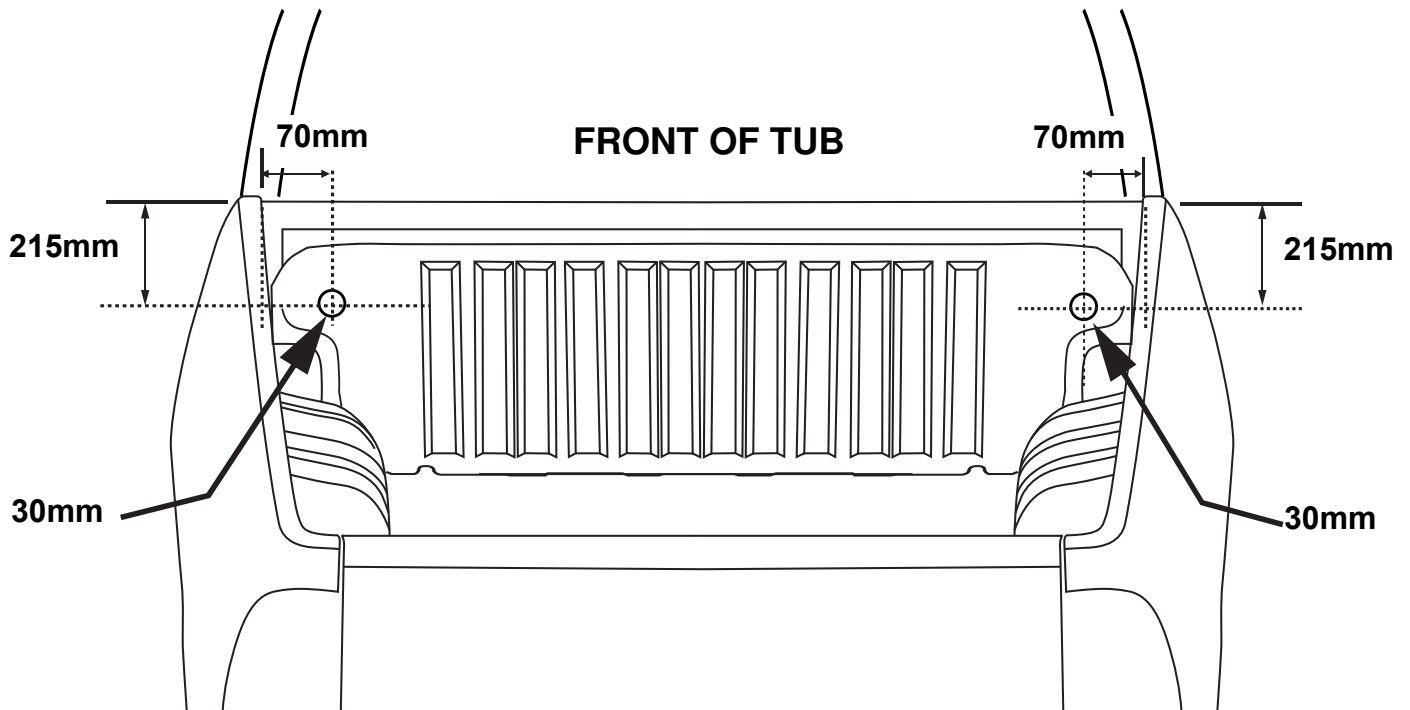



Clean are as indicated.



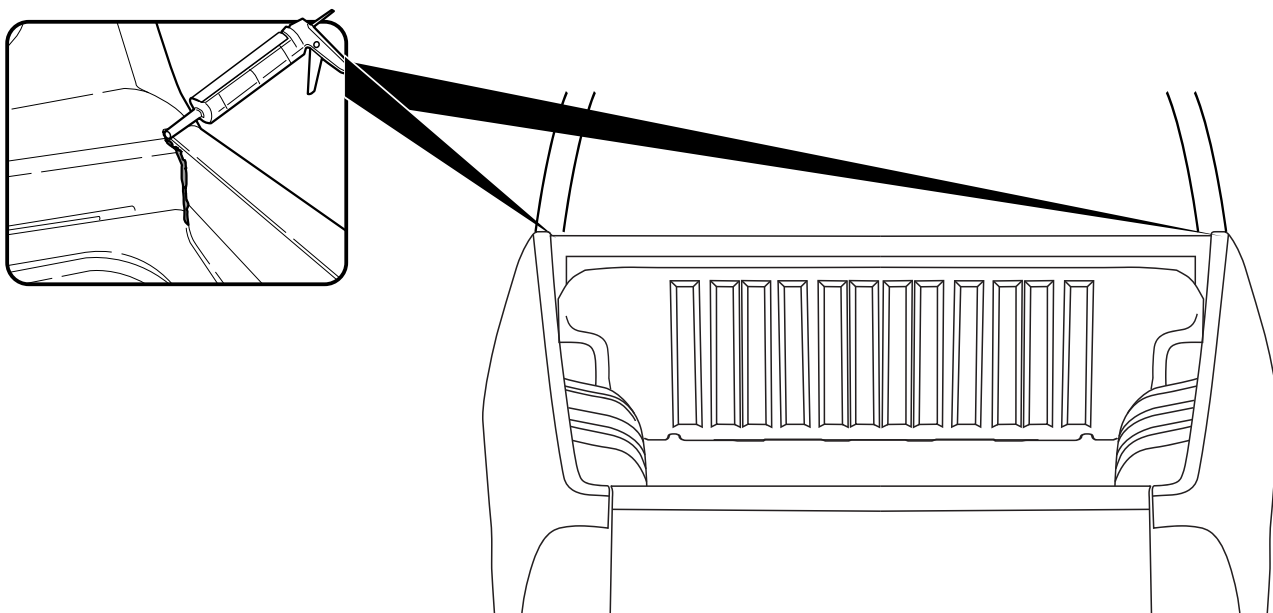
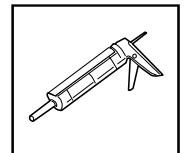


Measure down from top of headboard 215mm & 70mm from inside wall of bed as shown.
Repeat to the other side.
Using a 30mm hole-saw drill through tub front panel, file away any sharp edges. Apply anti rust coating. Repeat to other side.

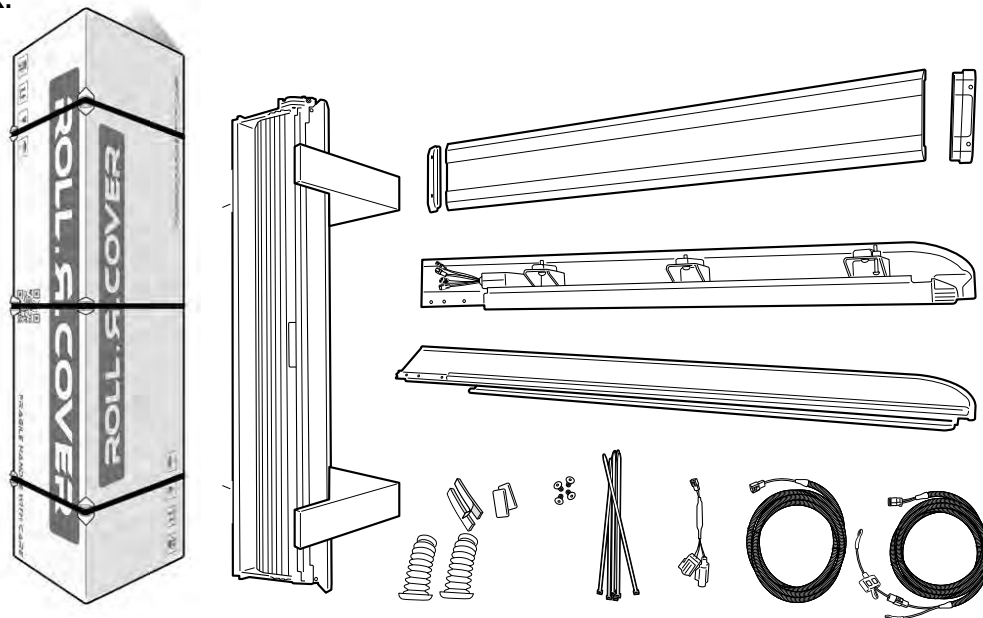


 **ATTENTION:** Do not exceed 30mm hole.

Seal any exposed gaps or holes on the front panel of the Ute bed with sealant.



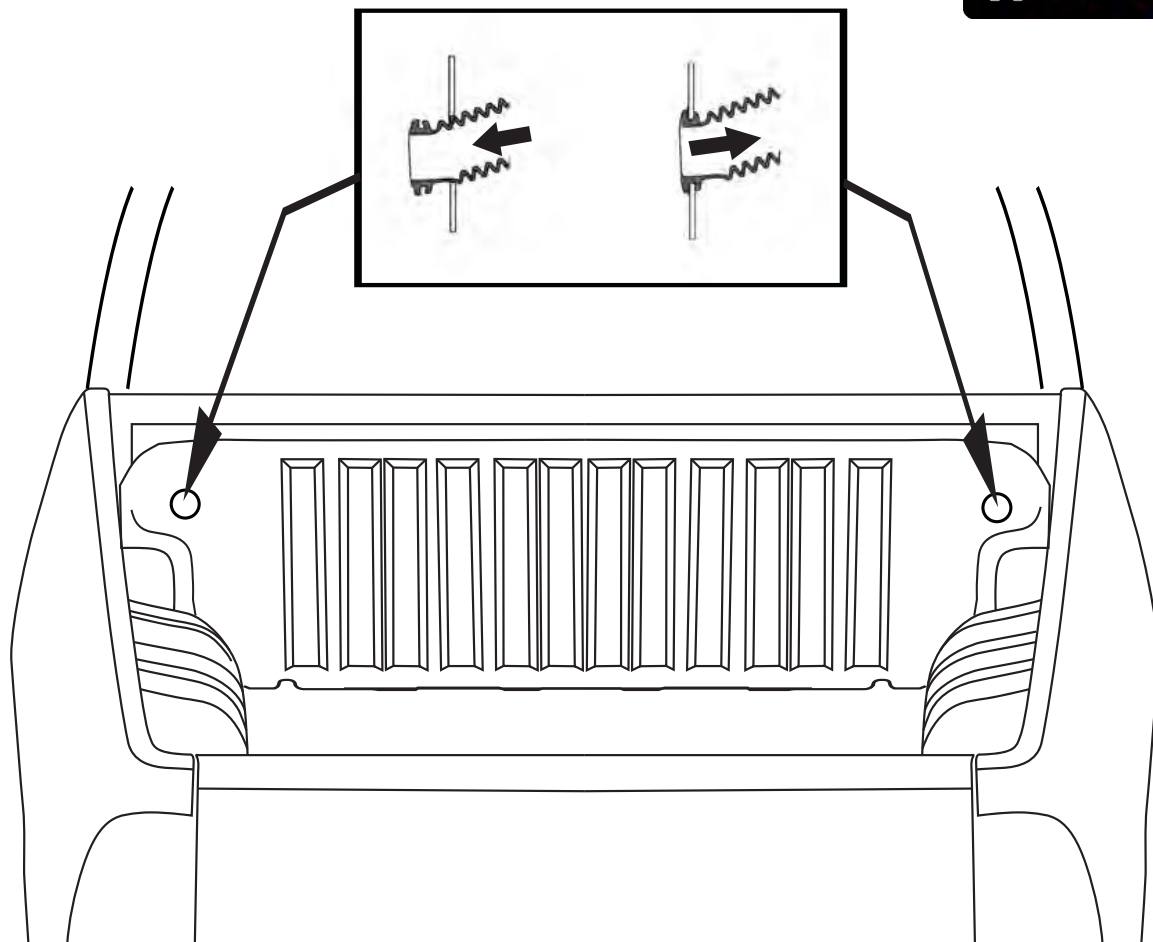
Carefully unpack the box.



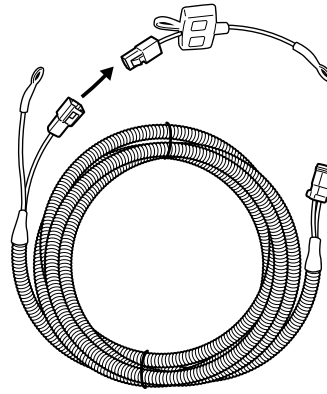
Install front drain pipes (55mm diameter end of hose)
through pre-drilled holes on the front tub panel.



Note: With care push tube in.
Taking care pull the tube back so it seals
correctly against the front panel of the tub.

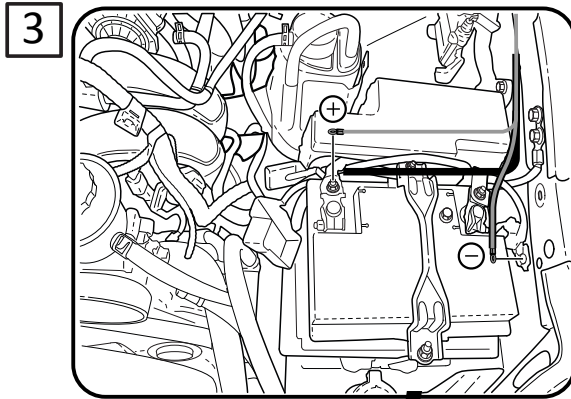
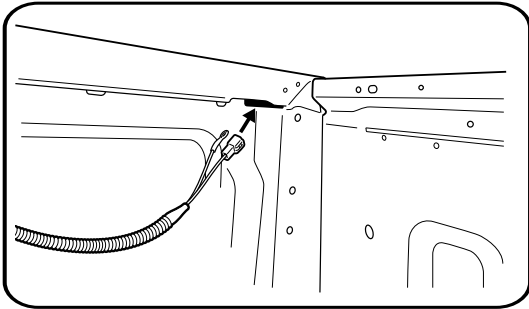


Disconnect fuse patch from battery loom S2.75.

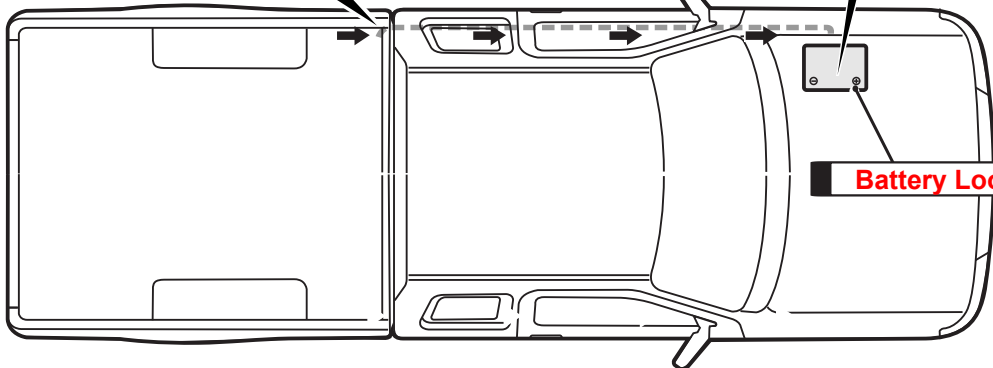


Wiring Harness steps

1 Feed Battery Loom S2.75 through the cavity

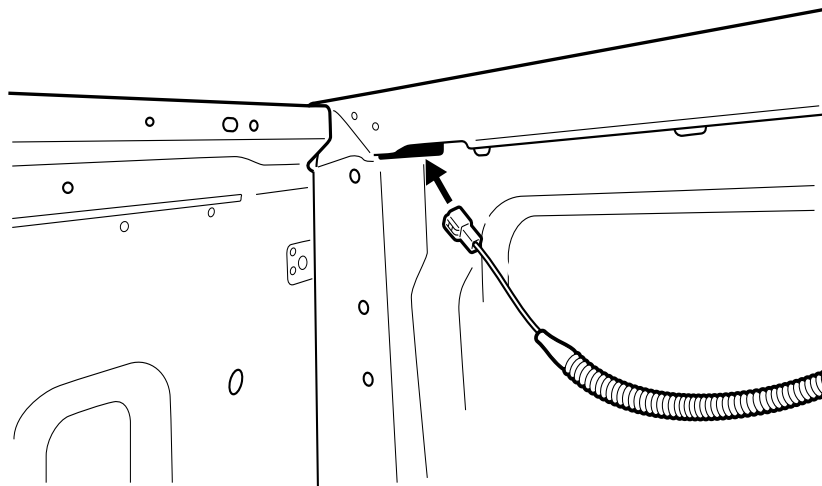


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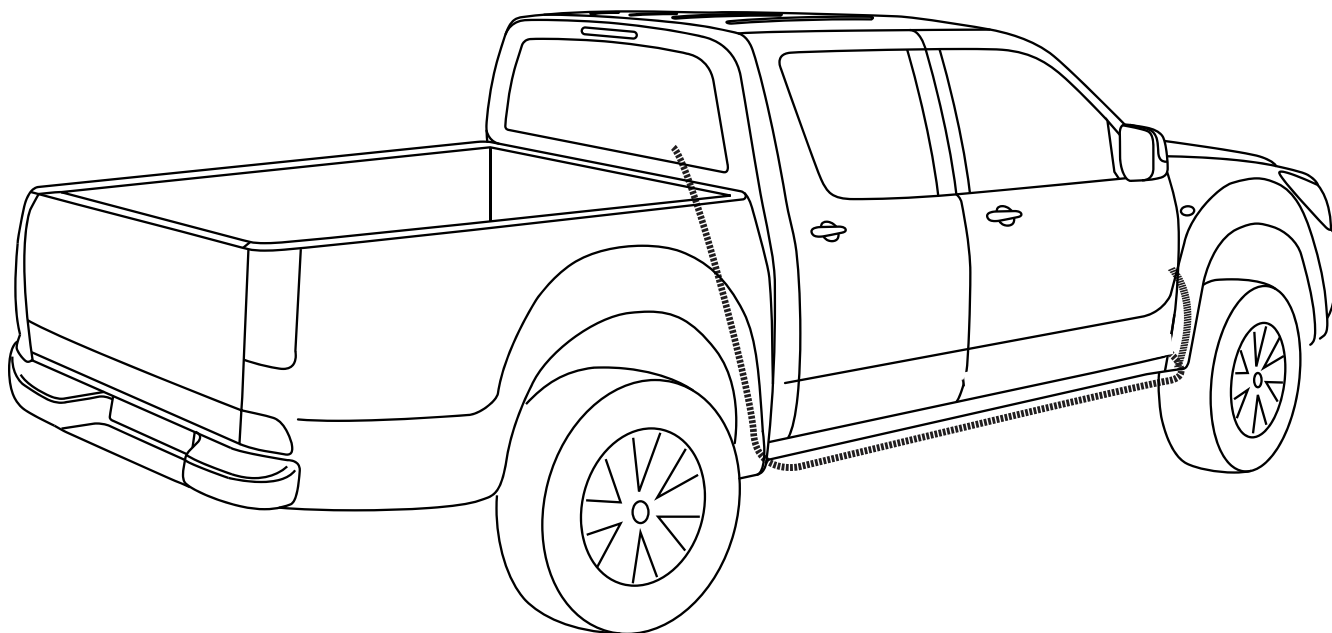


Run the wiring from the front corner cavity (leaving 200mm in the tub) to the battery over the chassis rail. Making sure to keep away from hot obstructions and cable tie every 400mm. Reconnect fuse patch to battery loom S2.75, now attach fuse patch to positive of battery and earth to the body of the Ute.

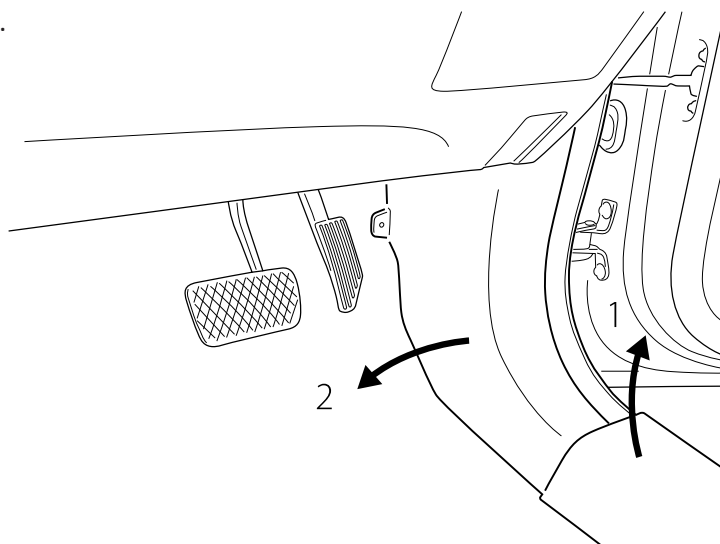
Feed CL-Long-Loom through drivers side cavity leaving 200mm in the tub.



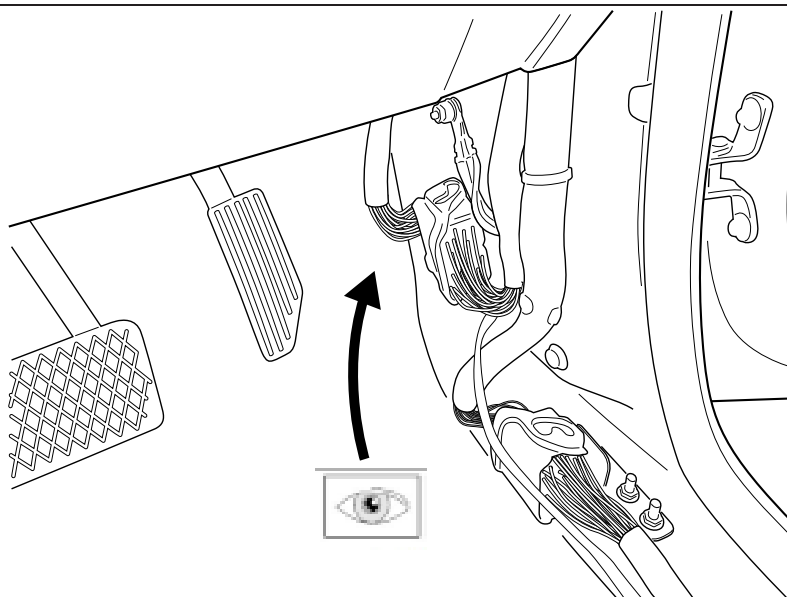
Run wiring from passenger side of the tub to drivers side of tub then feed through cavity on tub. Now run to drivers side kick panel. Cable tie wiring every 500mm over chassis rail. Find the large grommet on the firewall, make a small incision & run the loom through it to enter the cab and towards the kick panel. Seal accordingly.



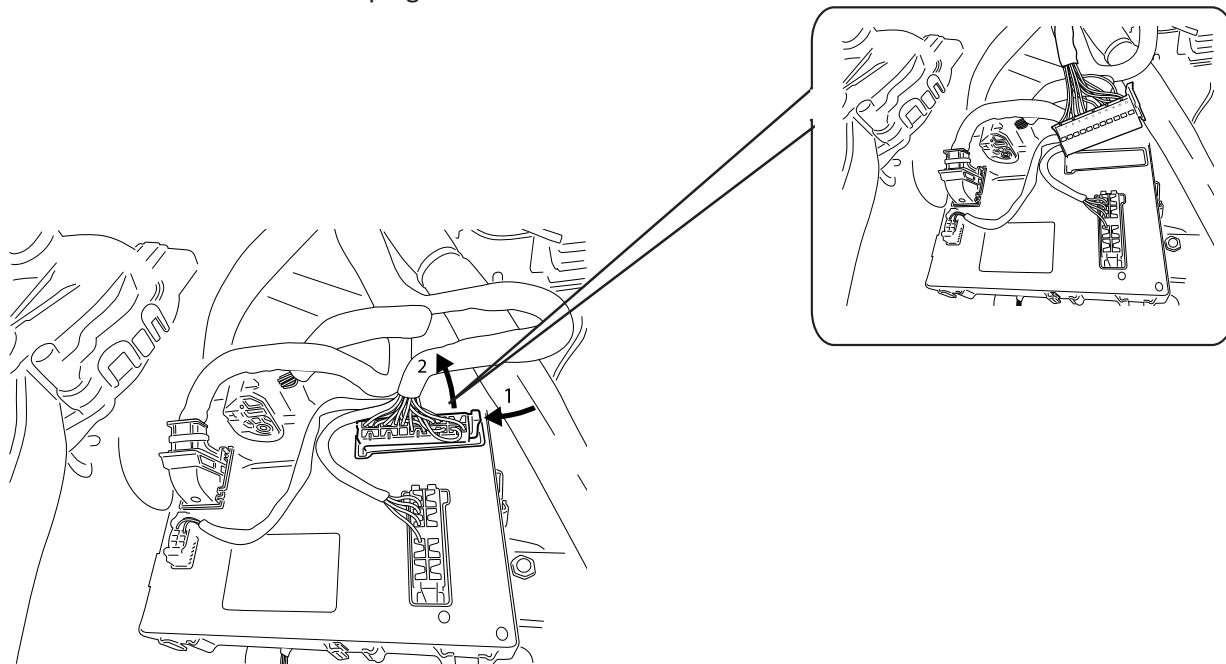
Carefully remove the drivers side scuff and kick panel.



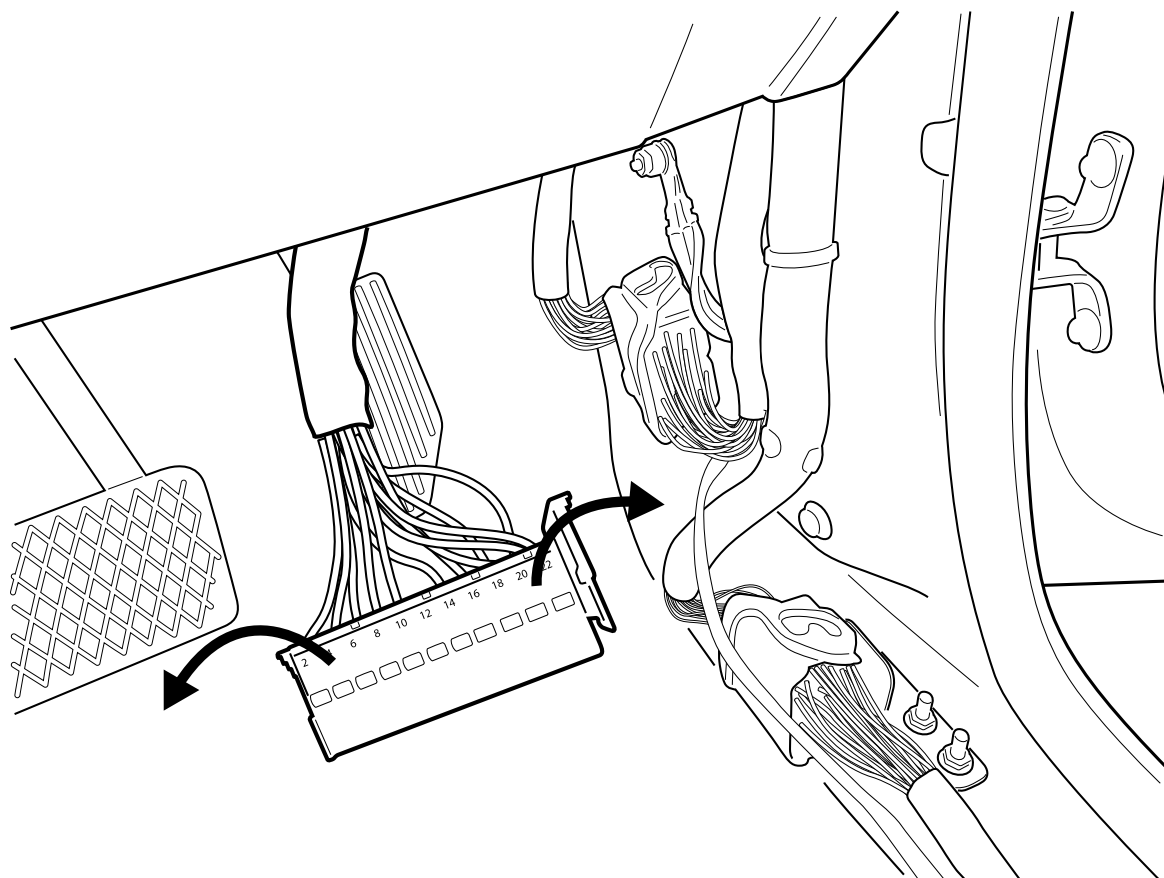
look up above the kick panel area



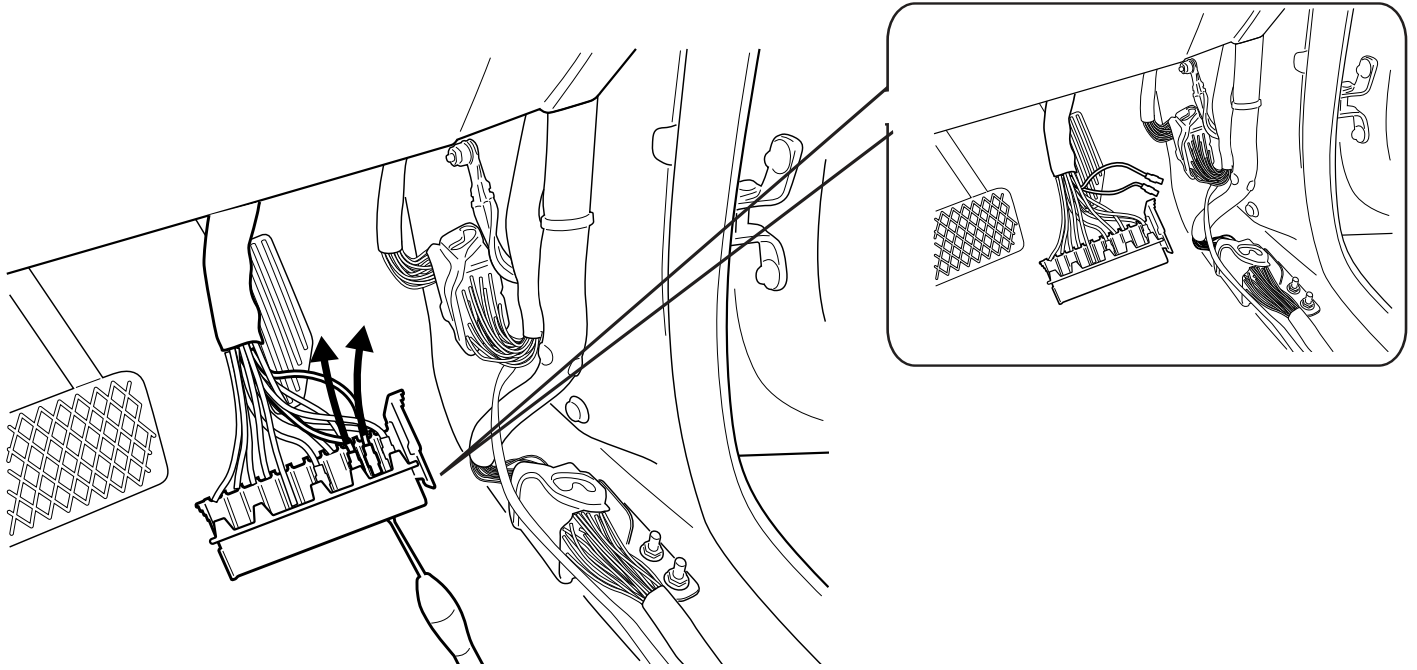
locate connector as indicated and unplug.



Un-clip the plugs interface to gain access to the wire's.

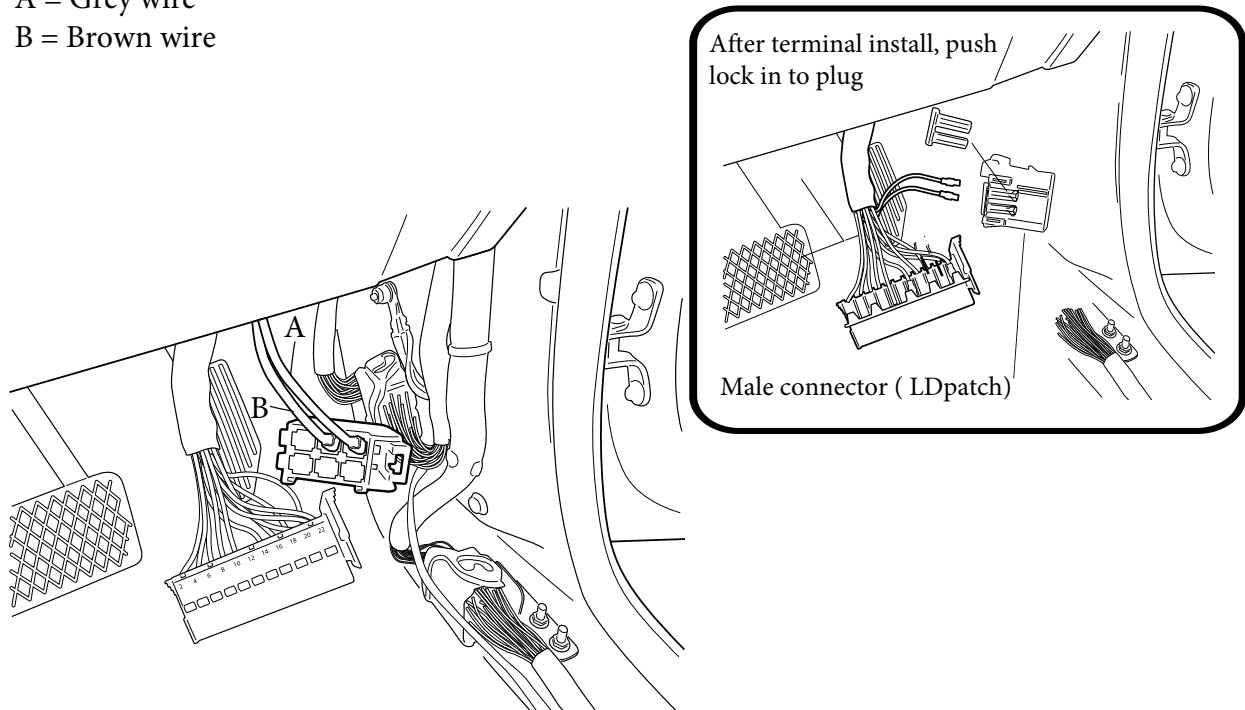


Remove the brown wire (18) and grey wire (20) from the plug.

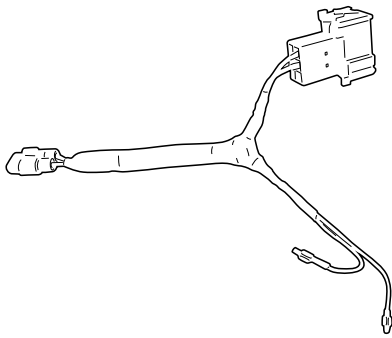


Using male connector (LD patch).

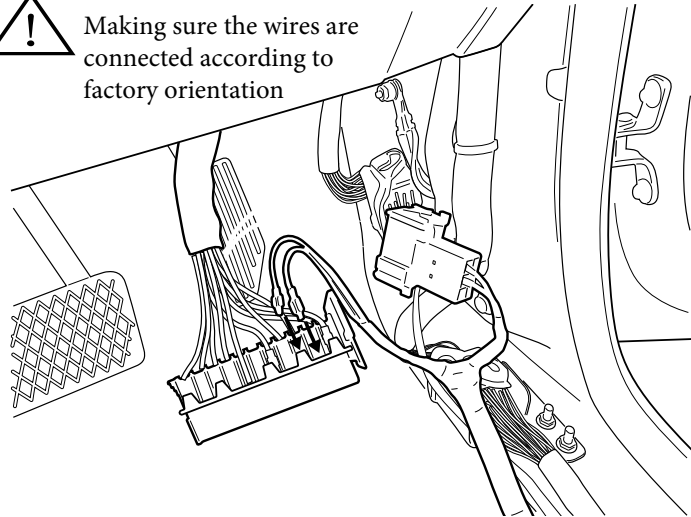
- A = Grey wire
- B = Brown wire



Using the LD- patch provided in the kit, plug the green wire to (20) & blue (18) on the factory plug.

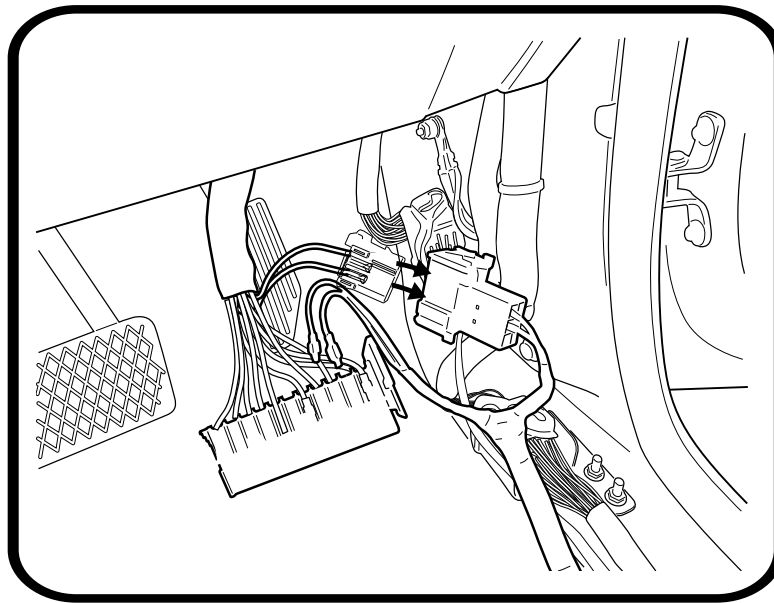


Making sure the wires are connected according to factory orientation

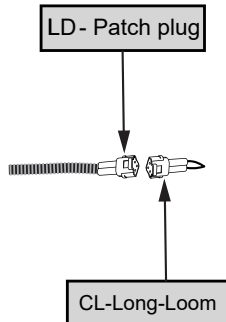


Clip the connector lock back so the wires are secured.

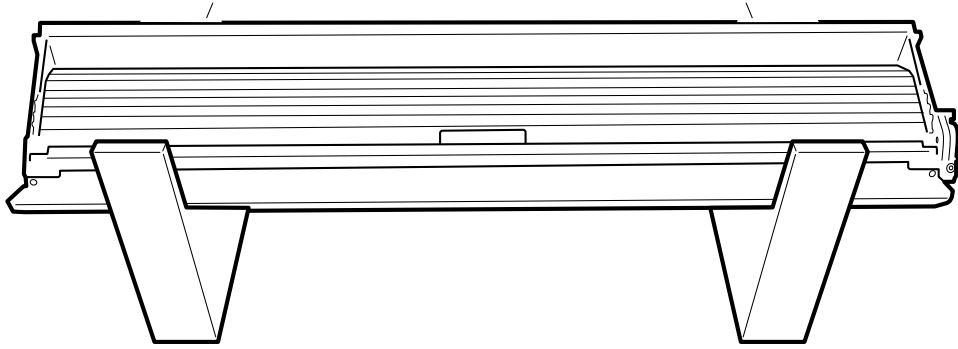
Plug the male connector to the female connector of the LD patch.



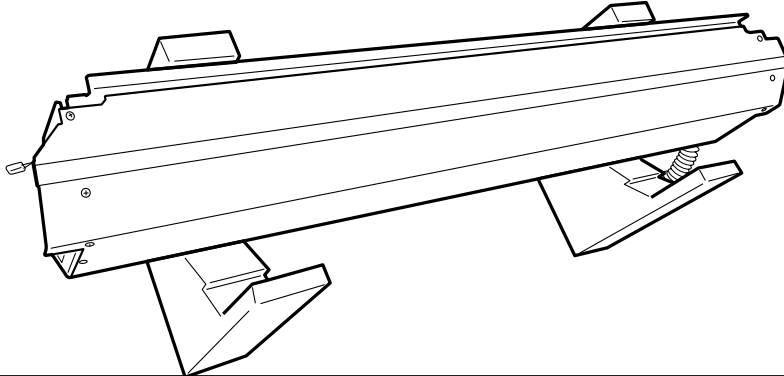
Connect the male and female plugs from LD-patch & CL-Long- Loom.



keep the cannister in the foam blocks from the packaging for assembly.

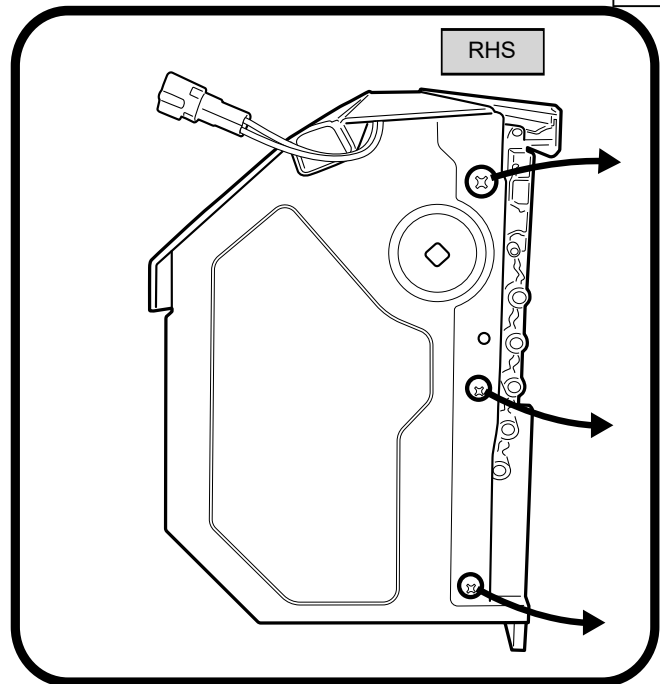
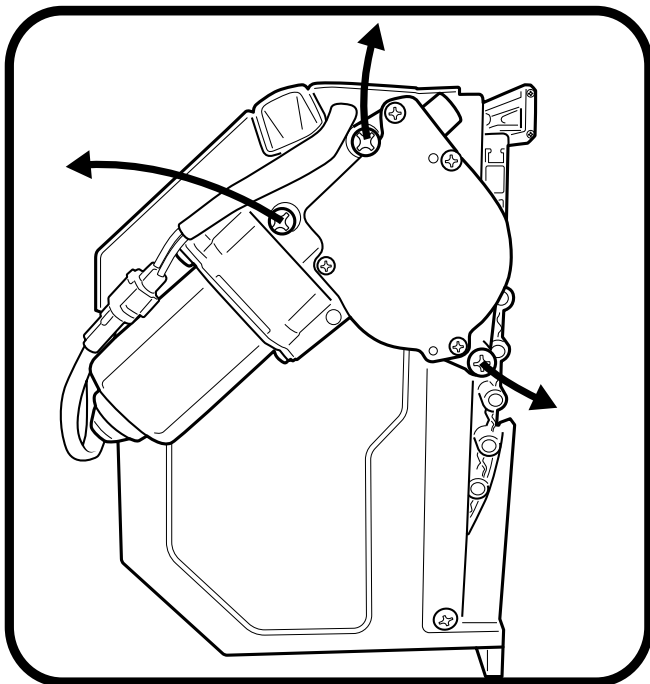


With assistance turn the canister on its back on the foam blocks.



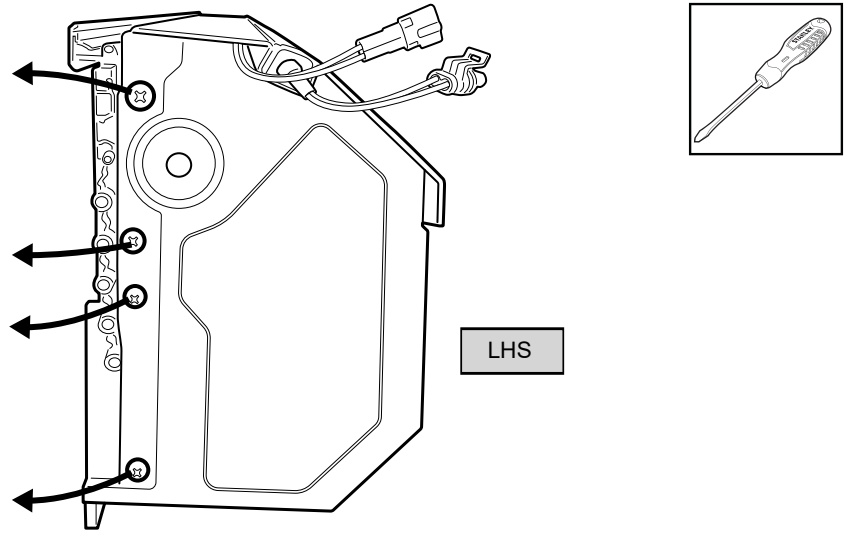
Remove motor from the axle by unfastening the 3 Screw as indicated. Retain all parts.

Remove and retain the all 3 screws, spring washers and flat washers from the canister as indicated.



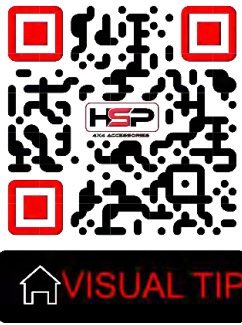
ATTENTION: Motor to remain off until both side rails are installed to the canister.

Now on the other side, remove and retain all 4 screws, spring washers and flat washers from the canister as indicated.

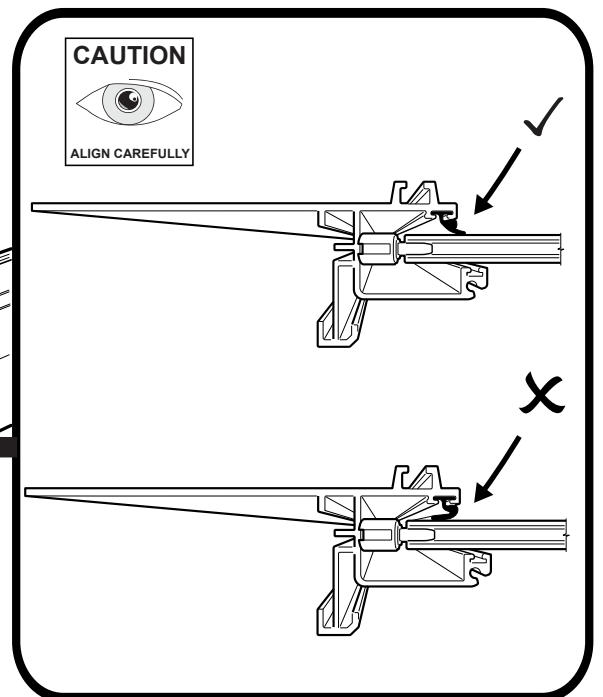
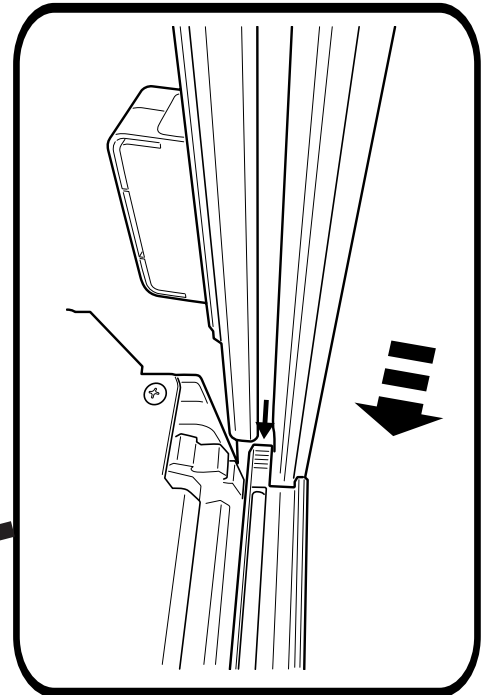


Align side rail to side of canister, guide the track to go in between the curtain end rubber stop.

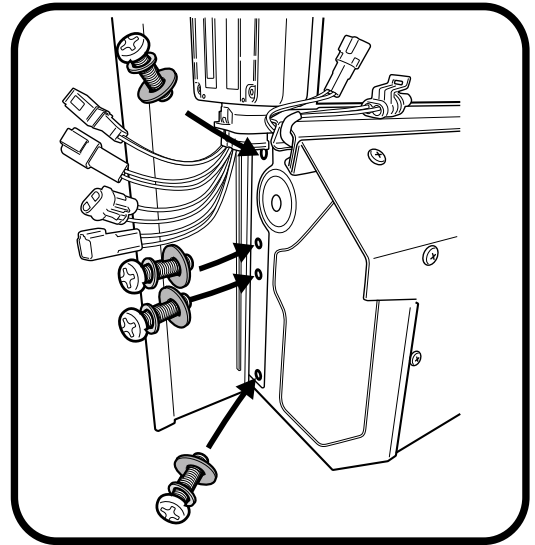
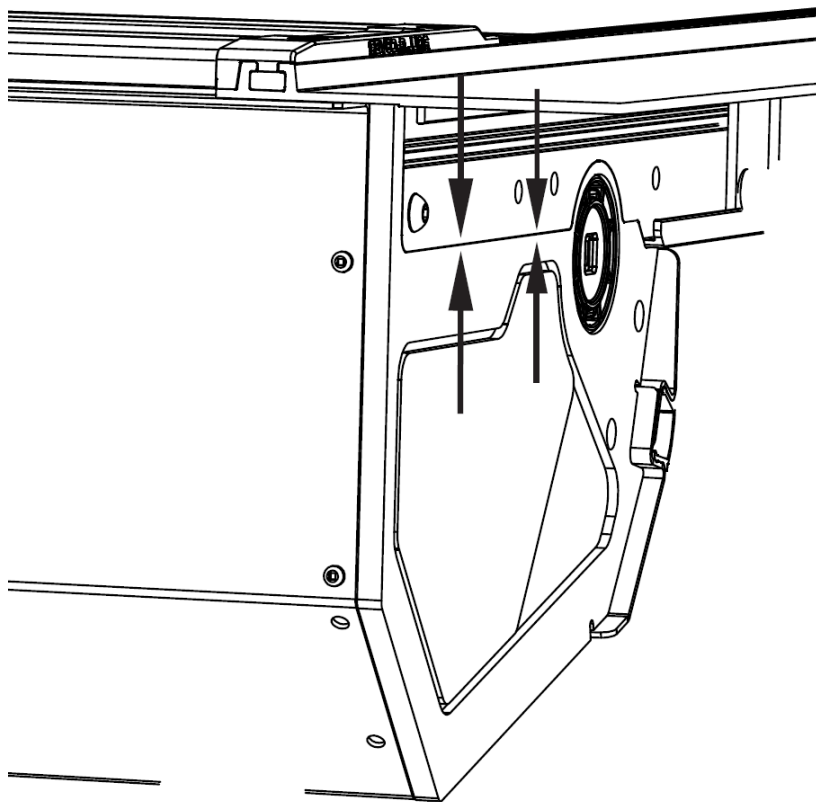
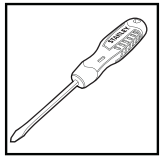
NOTE: LHS side rail to be assembled first.



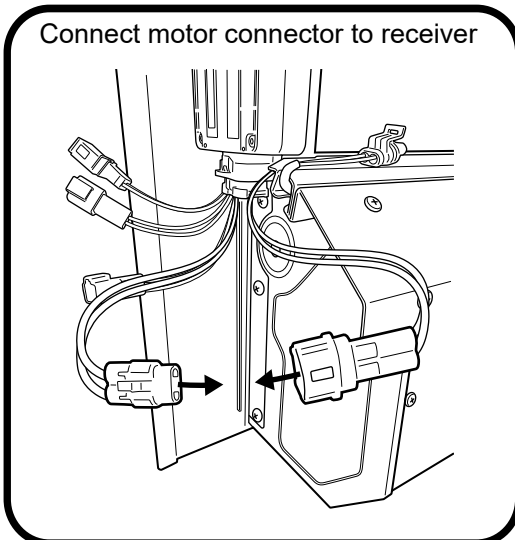
Note: making sure the Z seal in the track is over the curtain and not folded in.



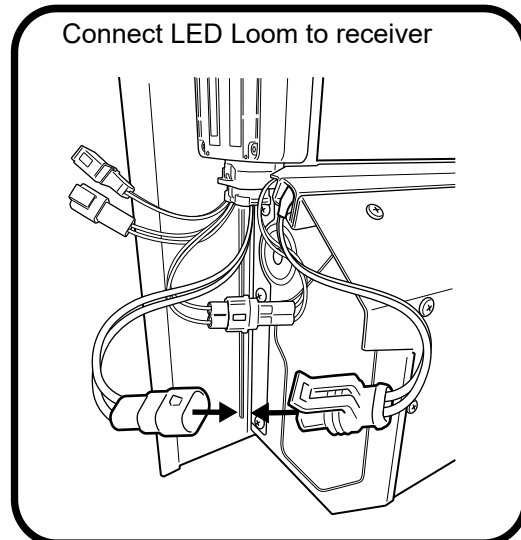
1. Using the retained screws, spring washer and washer, Loosely fasten the side rail to the location indicated.
2. Side rail edge must compress and meet with the canister profile as indicated below.
3. Fasten all screws tight.



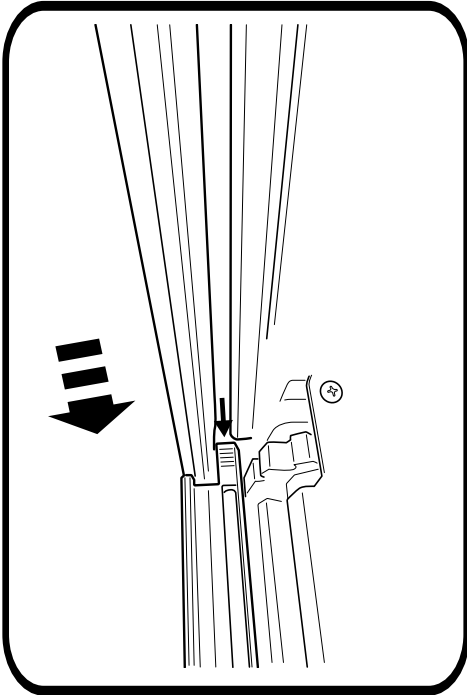
Connect motor connector to receiver



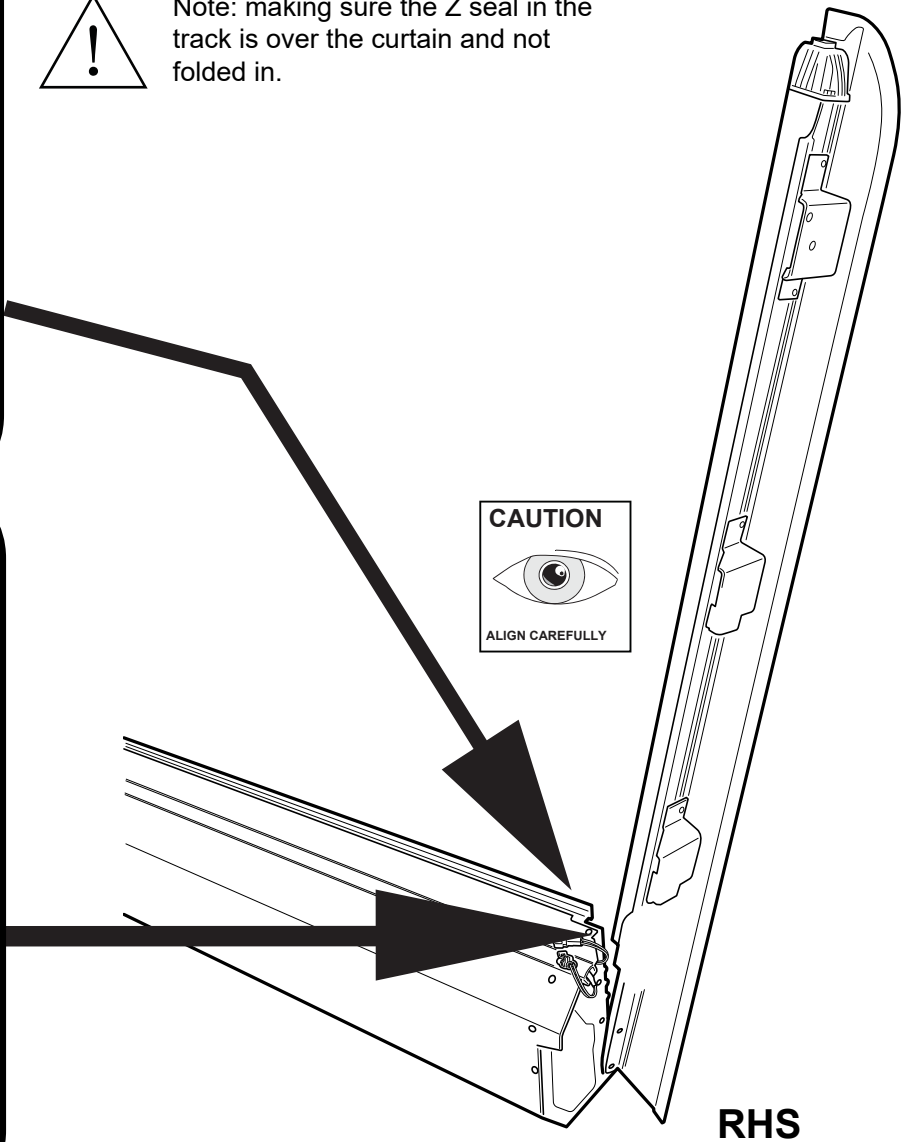
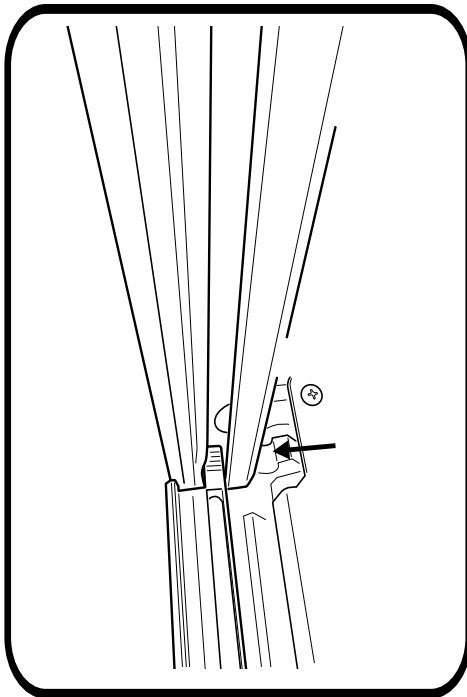
Connect LED Loom to receiver



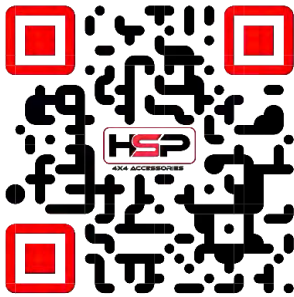
Align side rail to side of canister, guide the track to go in between the curtain end rubber stop.



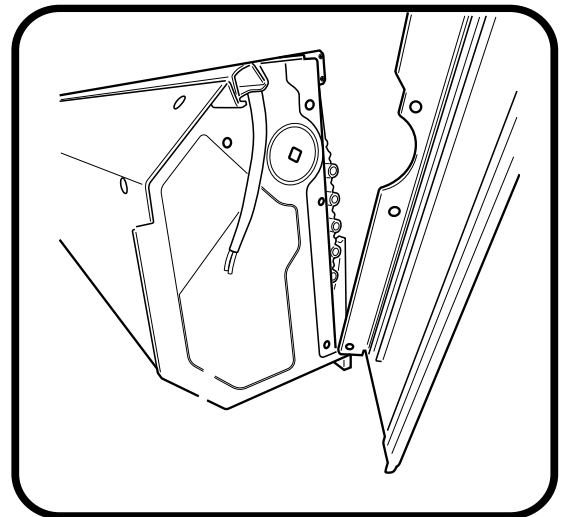
Note: making sure the Z seal in the track is over the curtain and not folded in.



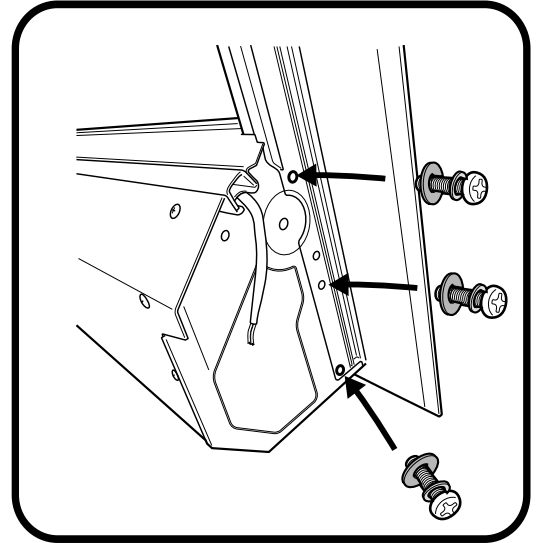
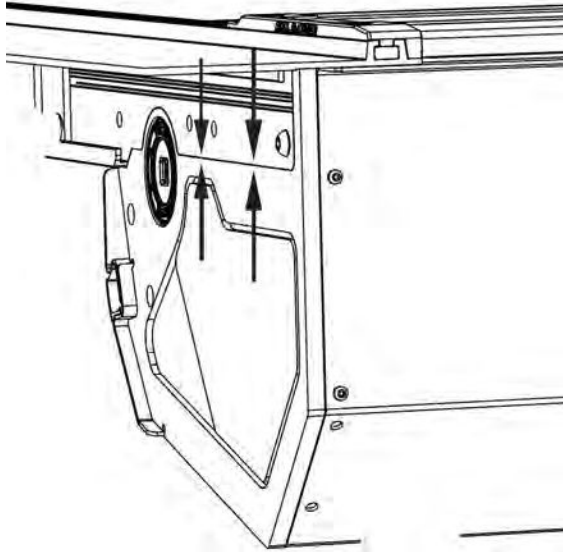
RHS



 VISUAL TIP

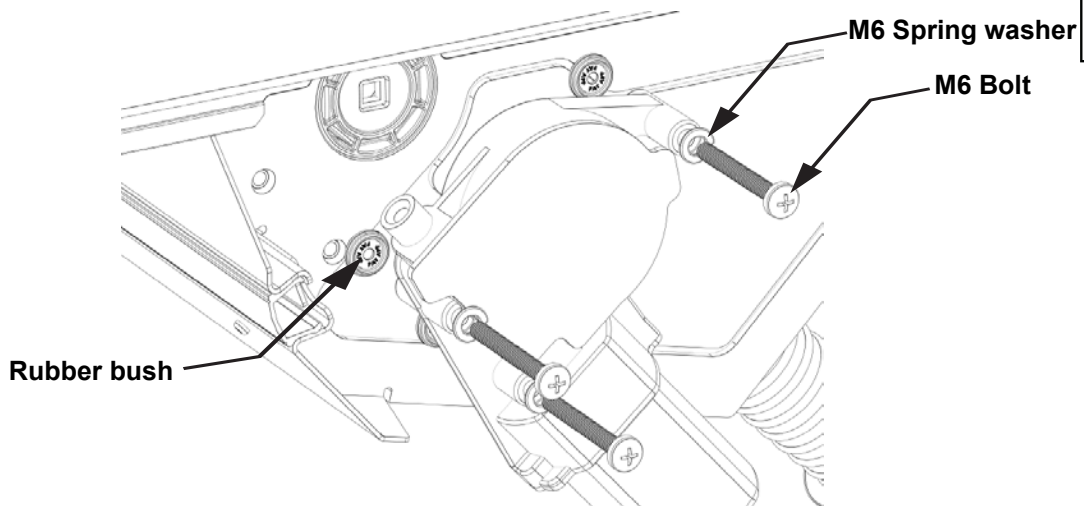


1. Using the retained screws, spring washer and washer, Loosely fasten the side rail to the location indicated.
2. Side rail edge must compress and meet with the canister profile as indicated below.
3. Fasten all screws tight.



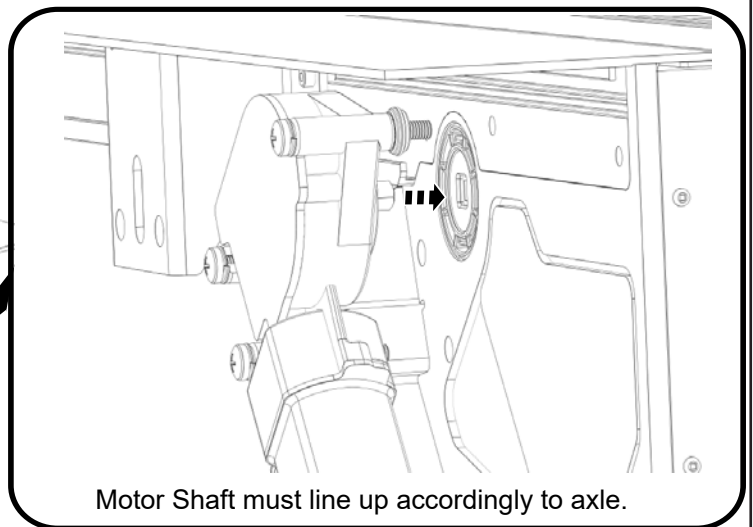
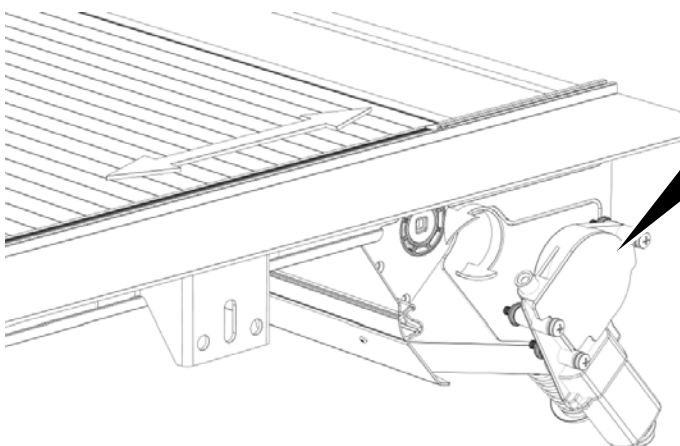
Feed M6 bolt through spring washer, motor and rubber bush.

NOTE: Rubber bush orientation has to be as per image. (side with text on rubber, to face the motor).

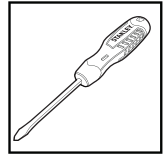
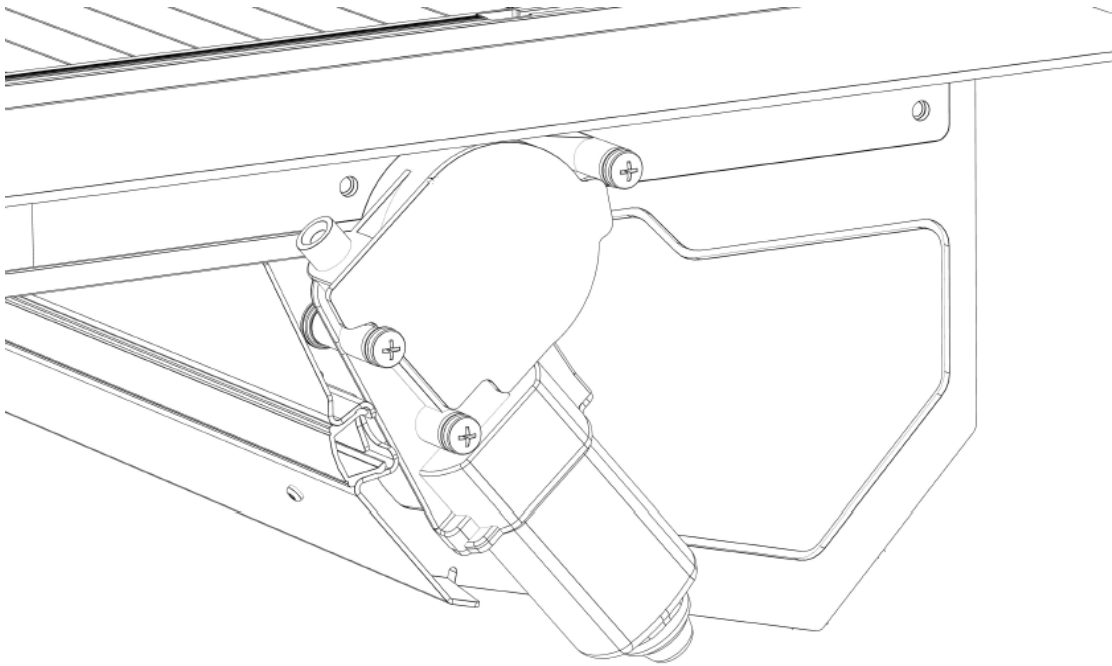


Align & insert motor shaft to axle.

NOTE: Pull / push curtain for axle to rotate.



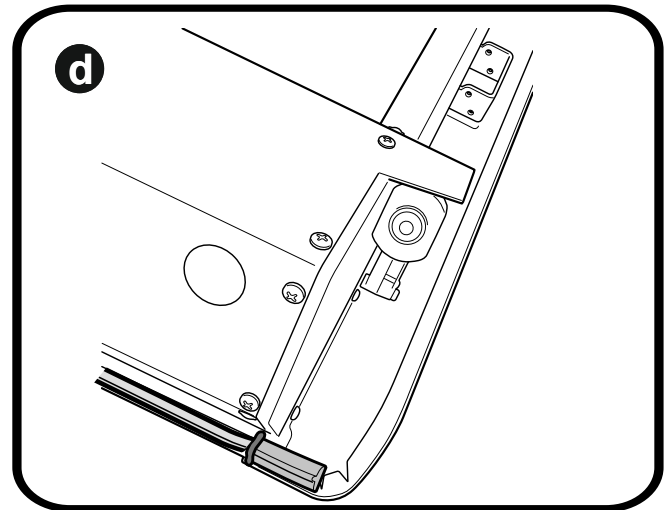
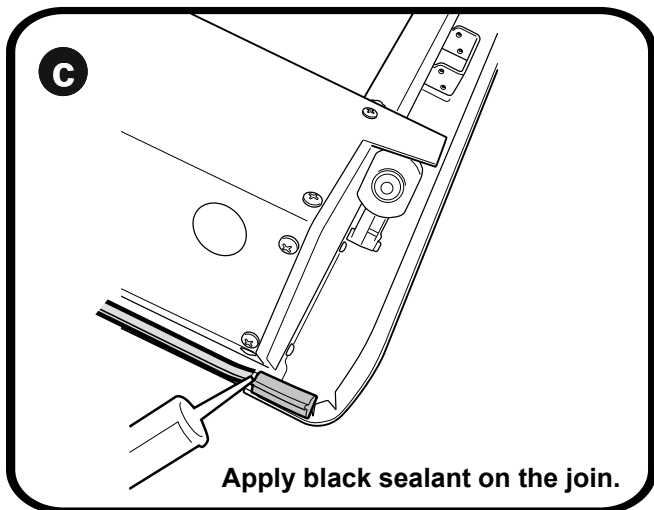
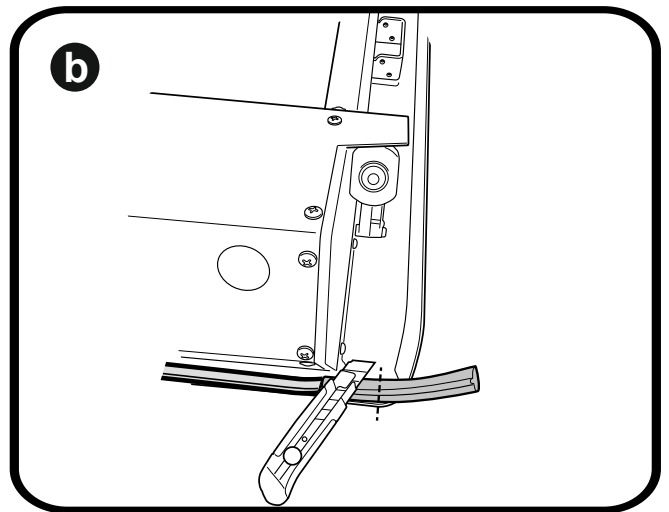
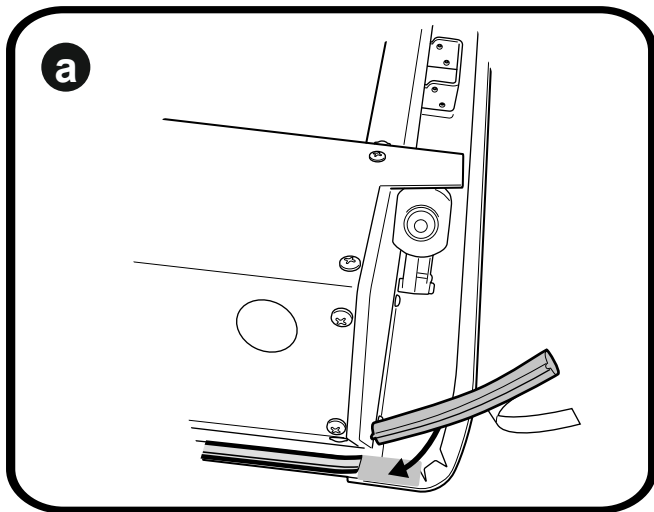
Fasten all 3 screws to 2Nm torque. Over tensioning will cause operating issue's.



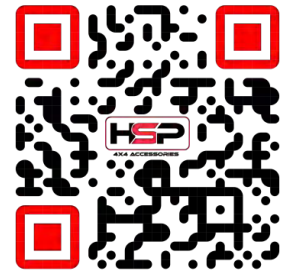
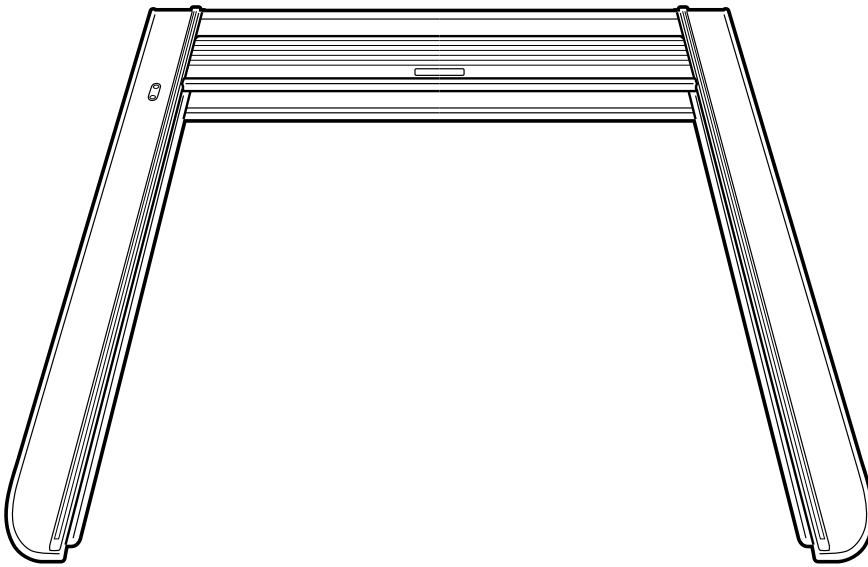
Motor is to sit level.

Any obstructions between motor and canister may cause operating issues.

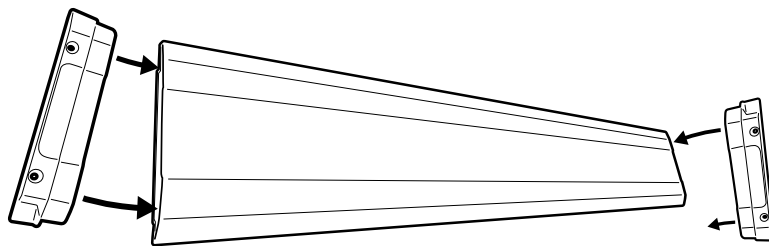
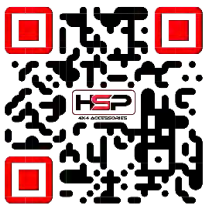
Apply D-sponge foam tape to side rail as indicated. NOTE: Join foam firmly to the pre-fitted foam of the canister. Carefully trim excess off & discard as indicated. Repeat on the other side.



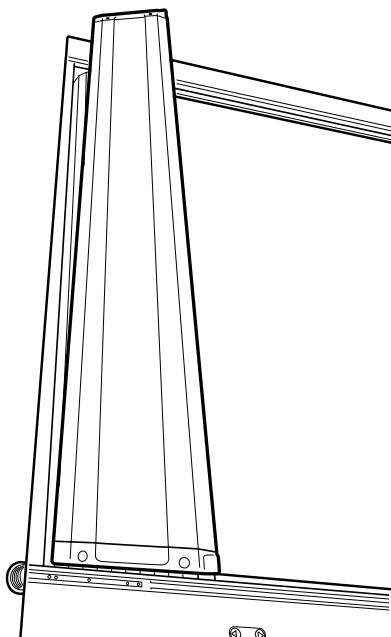
Carefully bring down the assembled unit.
If side seal on the side rails has moved, carefully bring back into position.



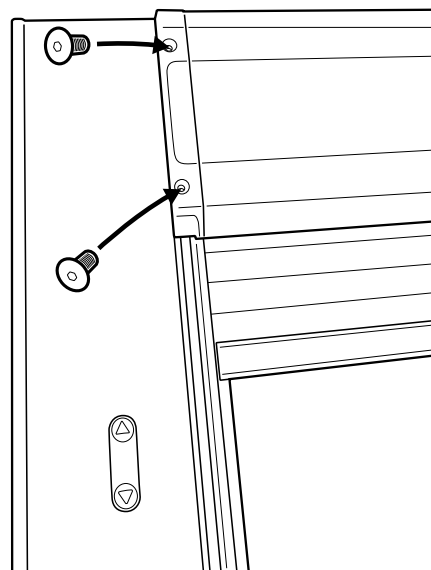
Insert side end caps to the top cover.



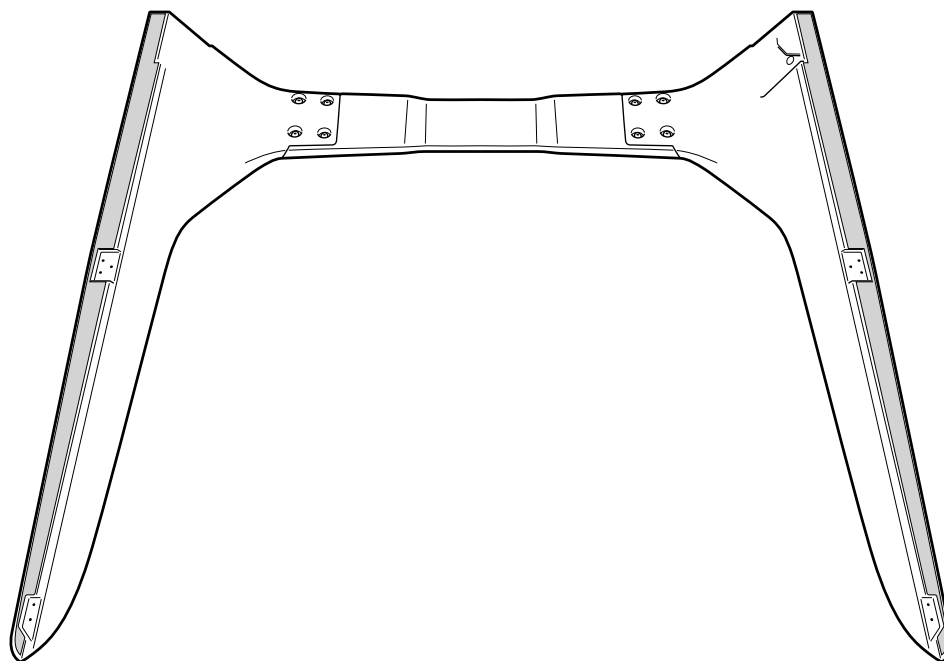
Place & Align top cover over the canister and side rails.



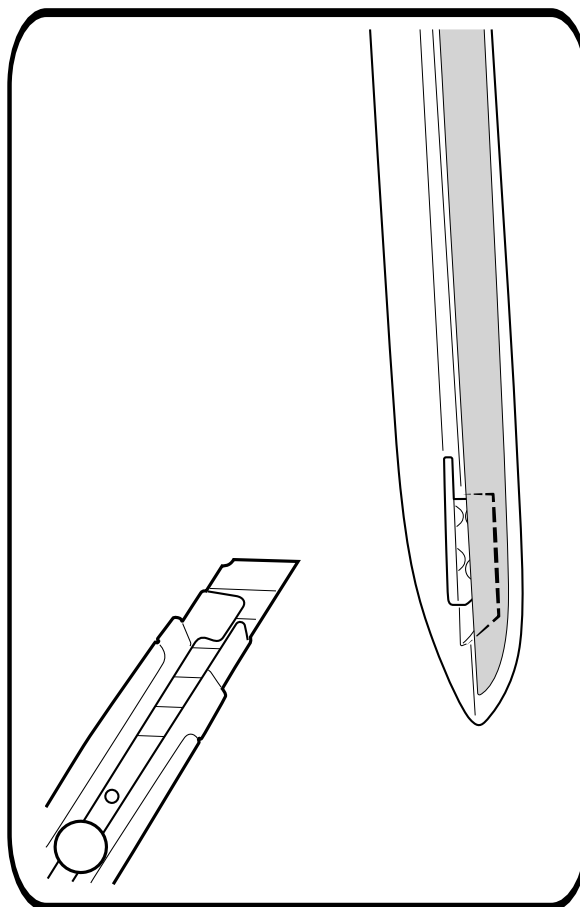
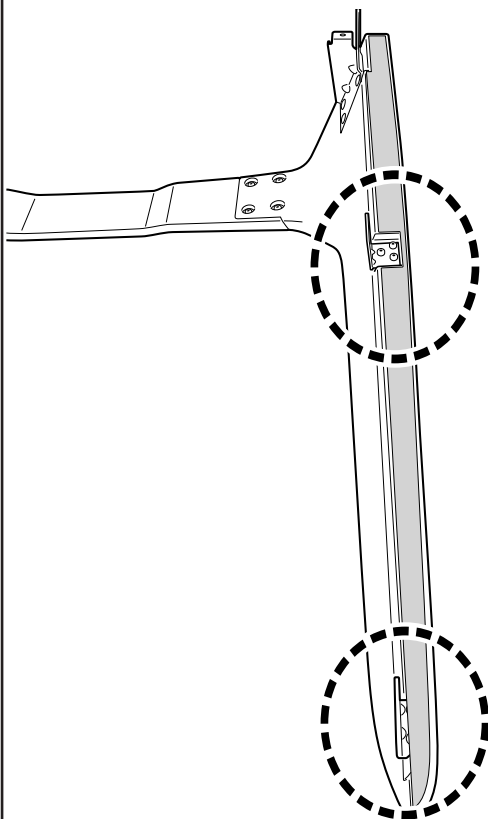
Using countersunk screws provided, line up end cap holes to the threads on the side rail.
Fasten to 3nm torque. Repeat to the other side.



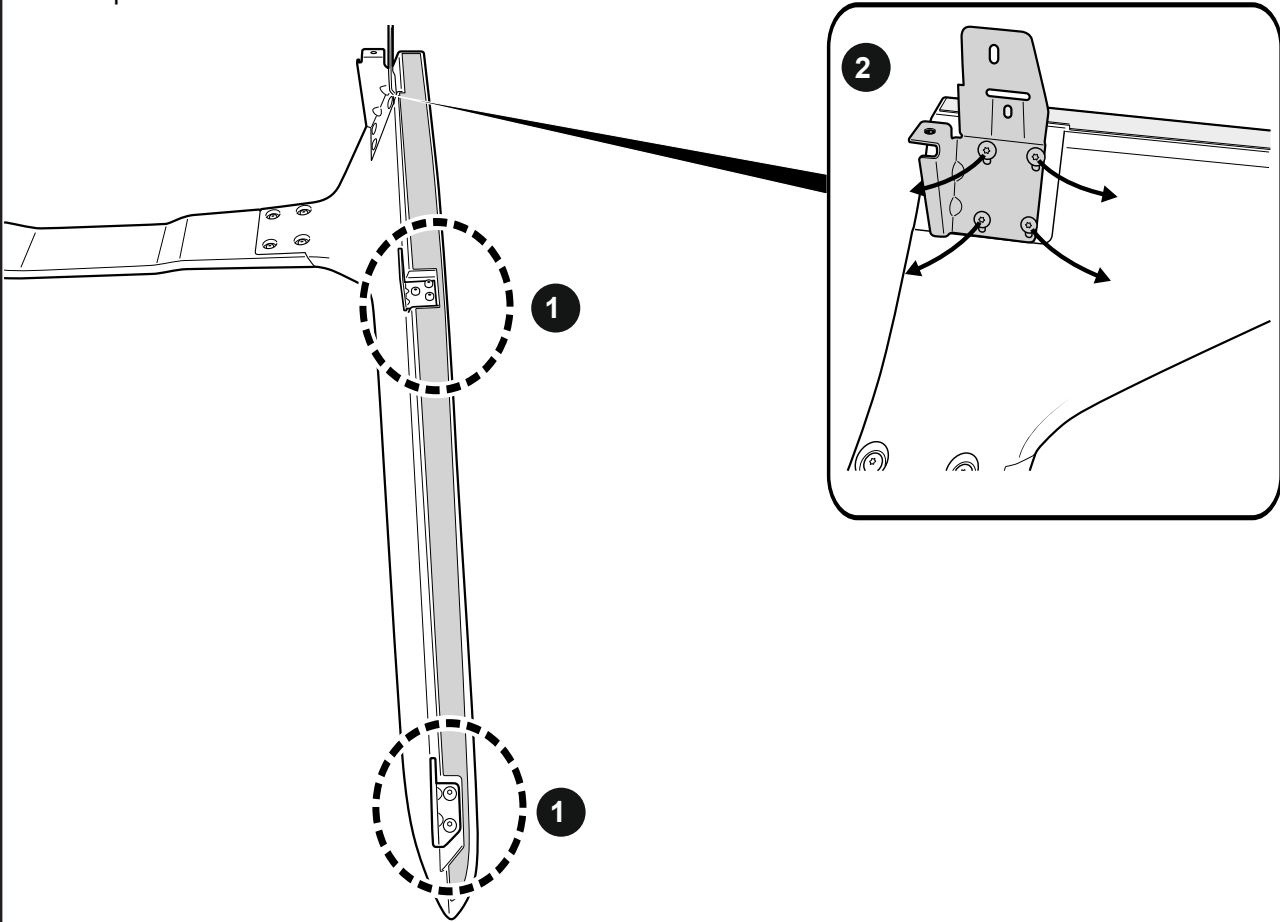
Carefully place the sailplane on a protective mat.



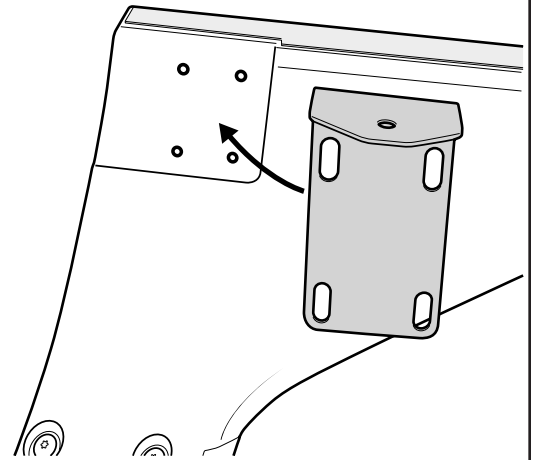
Trim foam tape around cavity to the indicated areas, repeat to the other side.



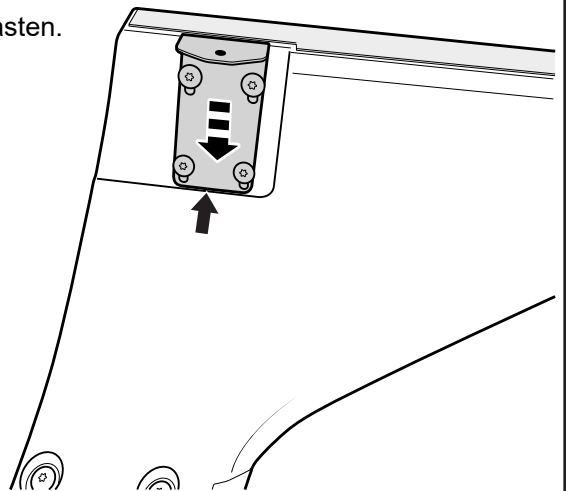
1. Unfasten all bolts to the indicated area, retain factory bolts. Discard the brackets.
2. Unfasten all bolts to the indicated area, retain factory bolts. Discard the bracket.
Repeat to the other side.



Align supplied bracket LD6R-SPB elongated holes to the threads of of the indicated area. loosely secure into place using the retained factory bolts. Repeat to other side.

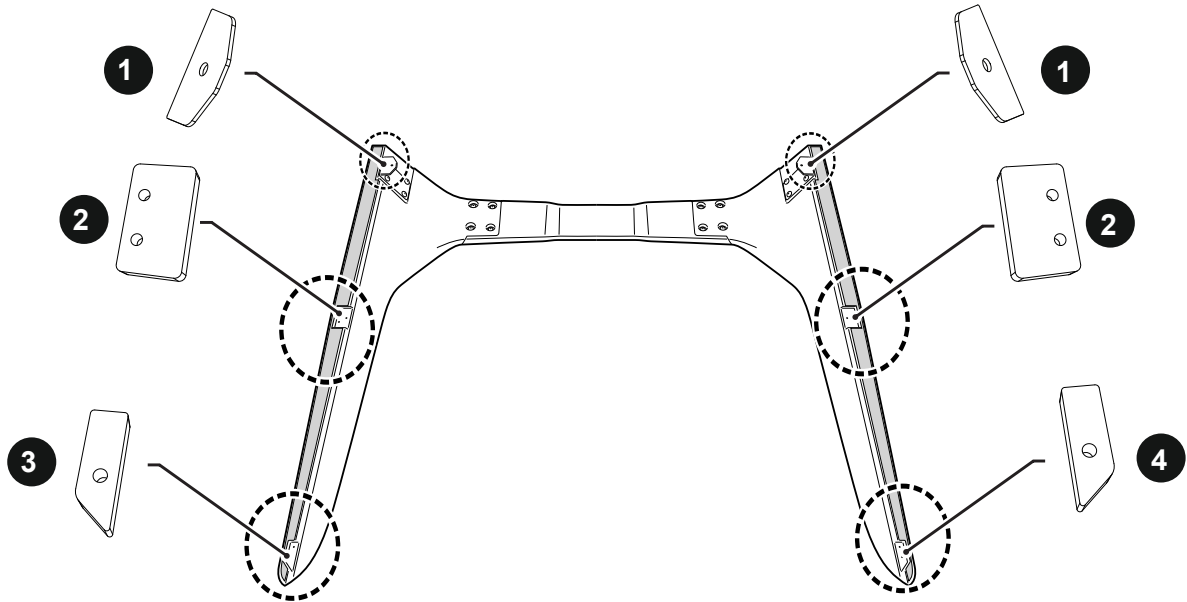


Push bracket down so it meets with the cavity line of the sailplane and fasten. Repeat to other side.

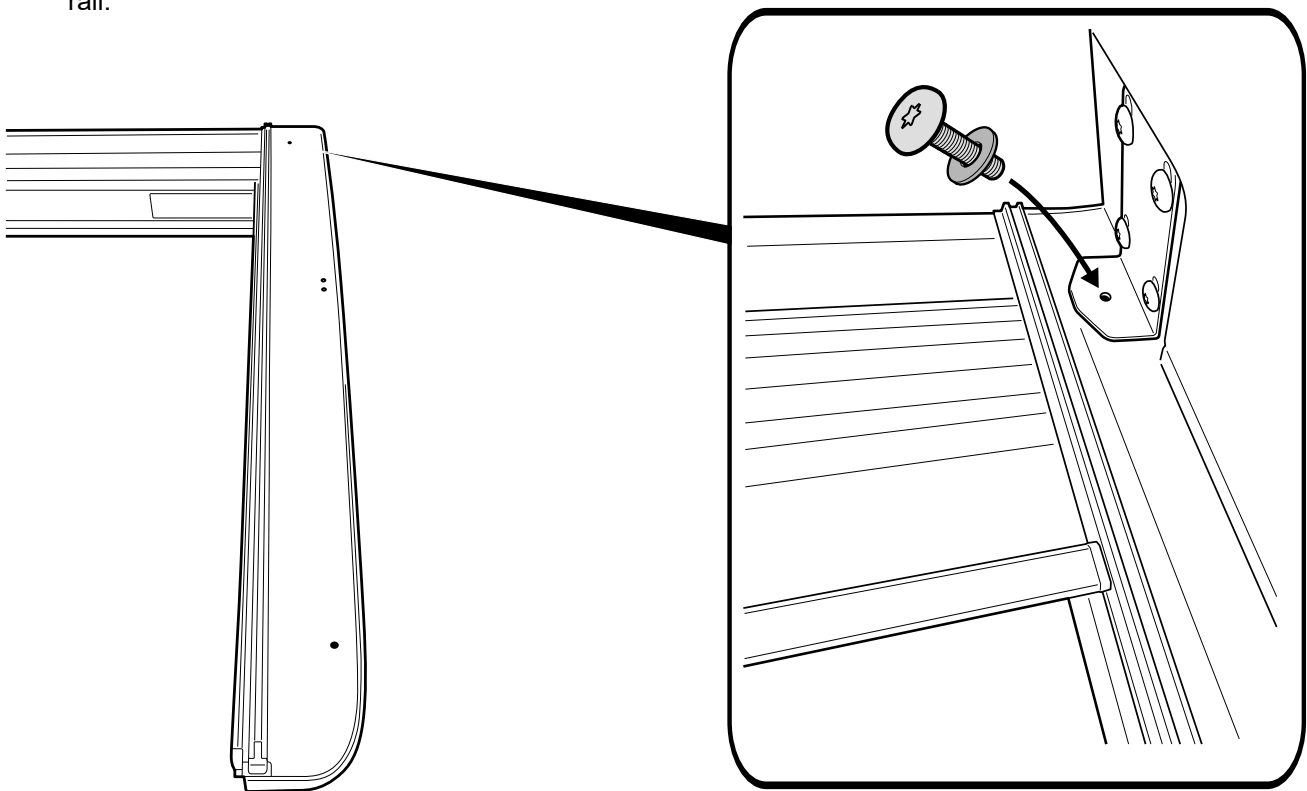


Refer to factory workshop manual for torque settings.

1. Apply LD6R-SPB-Foam Seal to left and right brackets.
2. Apply LD6R-SP-Mid Foam Seal to left and right center cavity of the sailplane.
3. Apply LD6R-SP-Rear Foam Seal-DS to the rear driver-side cavity on the sailplane.
4. Apply LD6R-SP-Rear Foam Seal-PS to the rear passenger-side cavity on the sailplane.

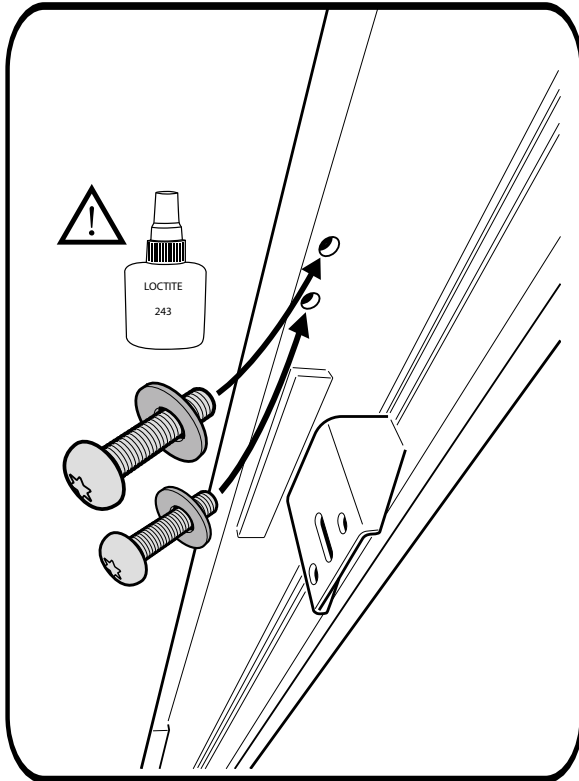


1. With care place sailplane on-top of the assembled Roll R Covers side rail.
2. Line up both left and right hand brackets hole to the front holes of the side rails.
3. Using retained M8 factory bolt followed by M8 rubber washer, feed through brackets' hole and roll r cover side rail. Secure it loosely into position using supplied M8 nyloc nut from to the bottom of the side rail.



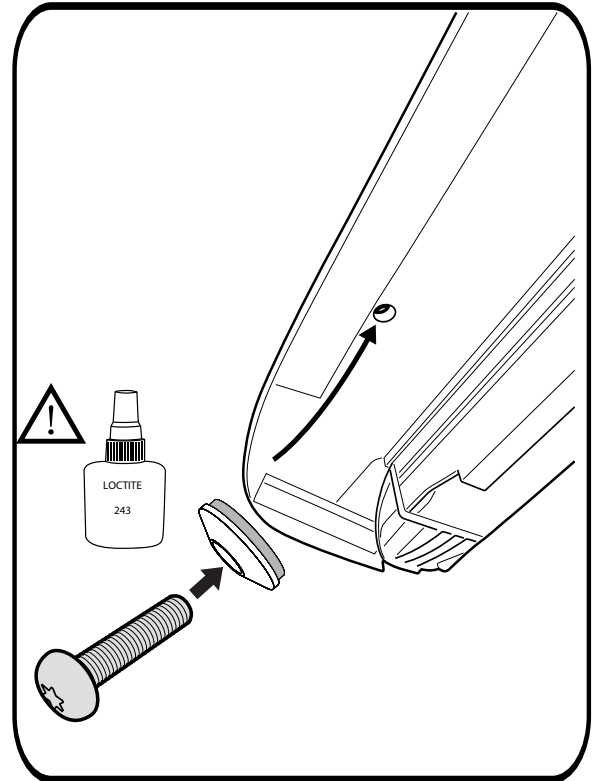
Using factory retained M6 bolts removed earlier from the sailplane, feed through supplied M6 flat washer & through the center holes of the side rail. Fasten into place loosely to the sail-planes thread. Repeat to the other side.

NOTE: LOCTITE 243 IS TO BE APPLIED TO THE THREAD.

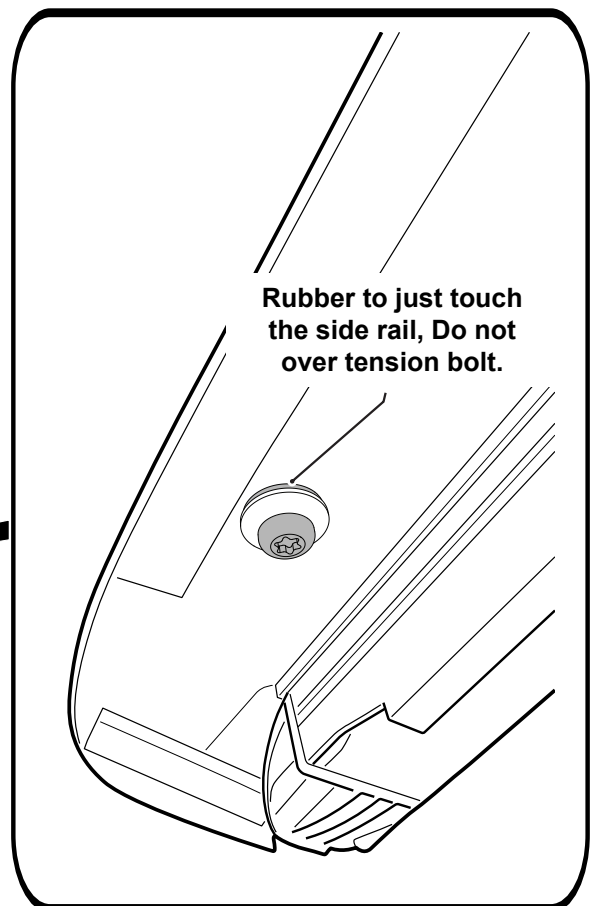
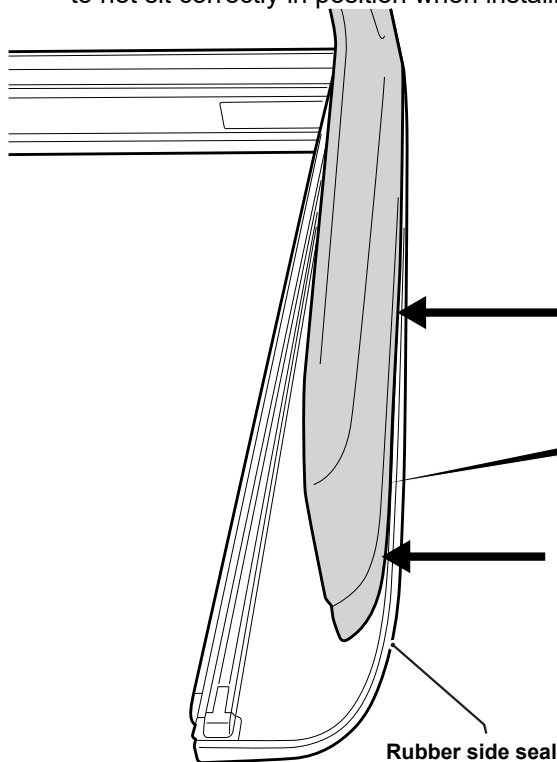


Using factory retained M6 bolts removed earlier from the sailplane, feed through supplied M6 rubber backed washer in the orientation indicated and through the rear holes of the side rail. Fasten into place loosely to the sail-planes thread. Repeat to the other side.

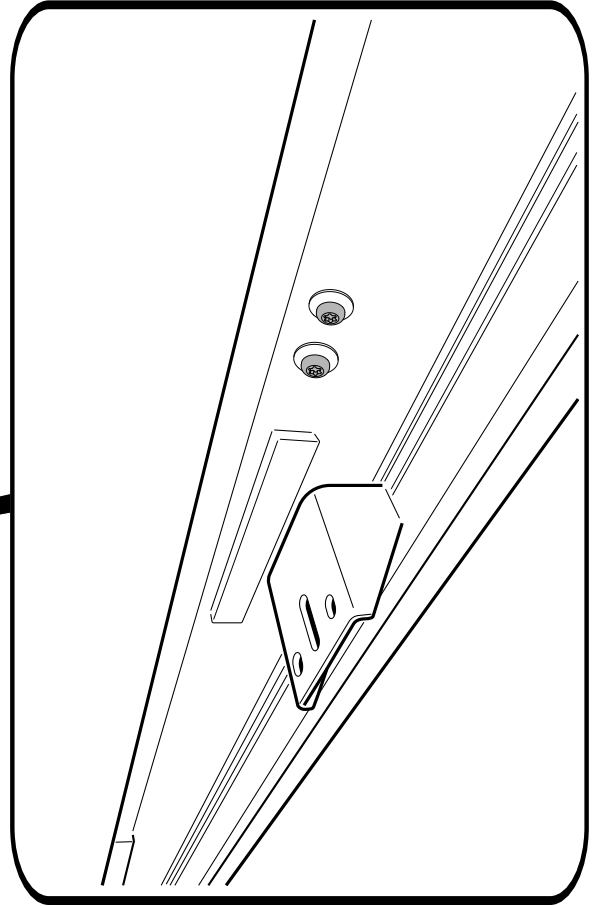
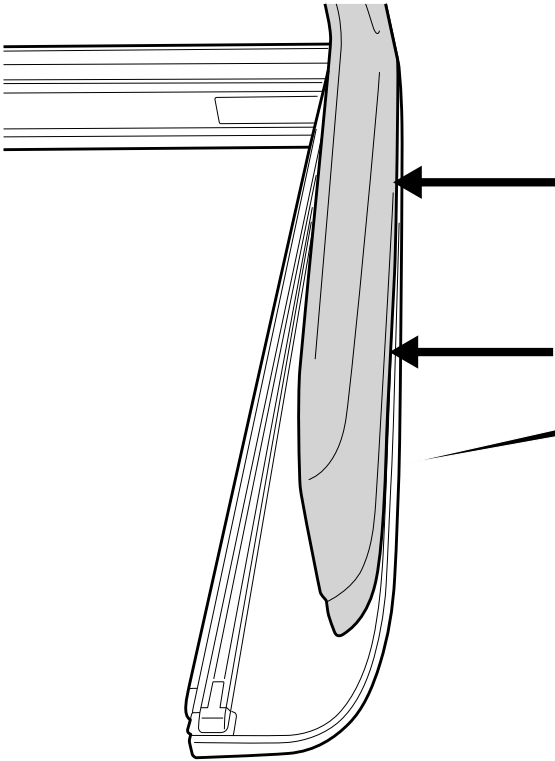
NOTE: LOCTITE 243 IS TO BE APPLIED TO THE THREAD.



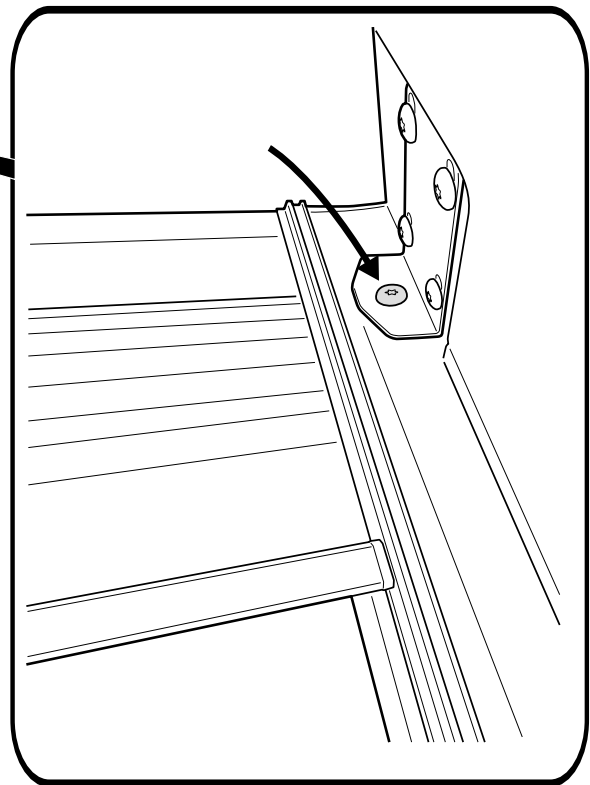
1. Gently push sailplane towards the centre of the roller cover so it sits slightly away from the siderails' side seal.
2. Now fasten the the M6 bolts located at the rear of the side rails from underneath so it only just crushes the rubber back washer. Note: Over tensioning the bolt will cause the side rail to not sit correctly in position when installing to the tub.



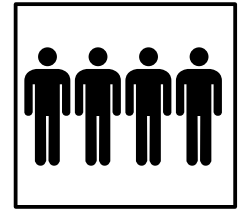
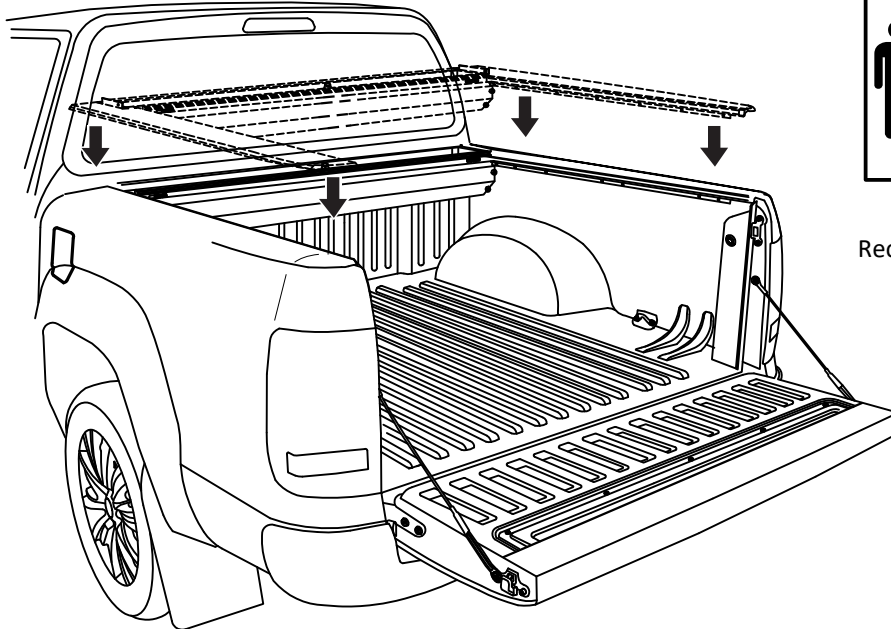
1. Gently push sailplane towards the centre of the roll r cover so it sits slightly away from the siderails' side seal.
2. Now fasten all M6 bolts located at the center of the side rails from underneath to 2Nm torque. Repeat to the other side.



Fasten the M8 nut and bolt at front hole.
Repeat to the other side.

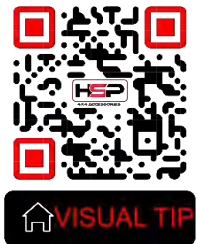
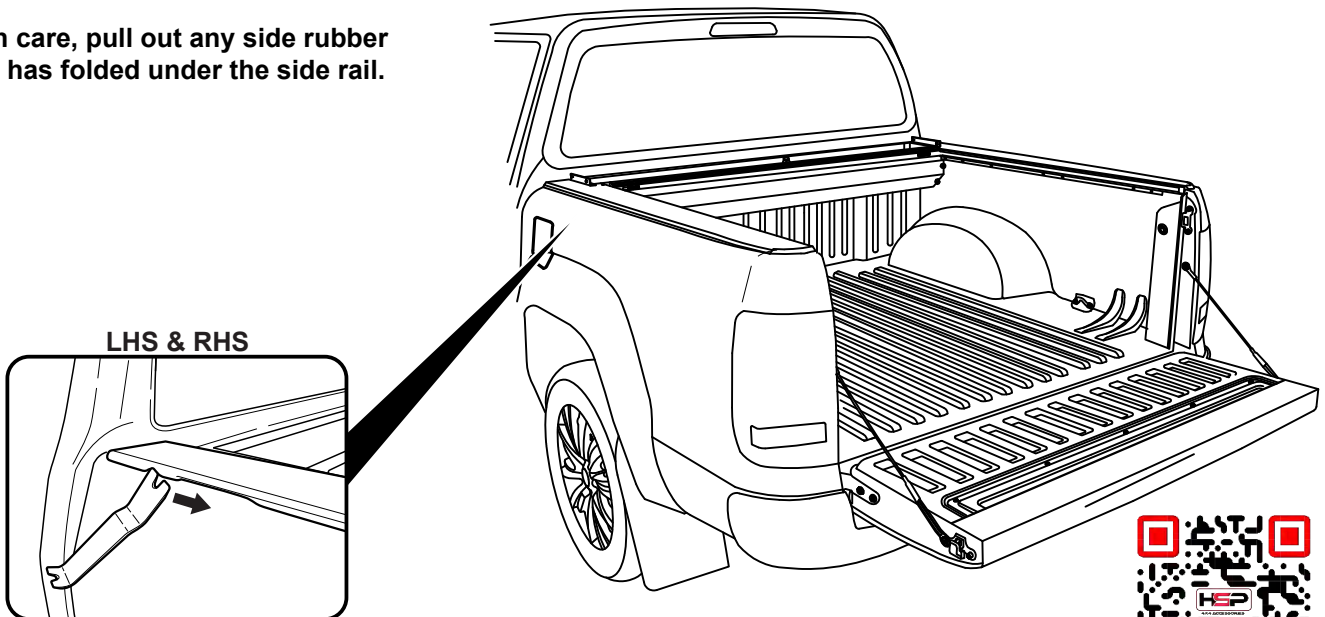


Place the Roll-R-Cover unit on to Ute bed.



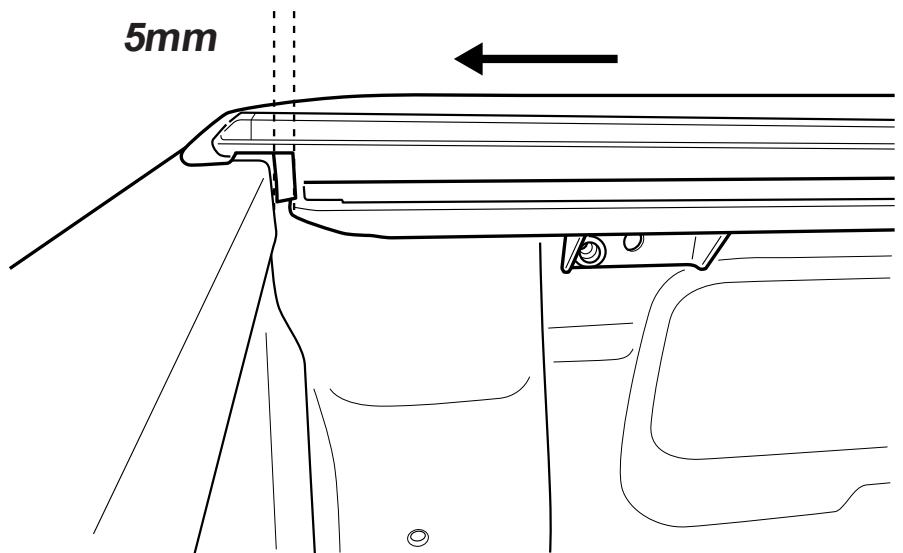
4 People
Recommended for lift

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



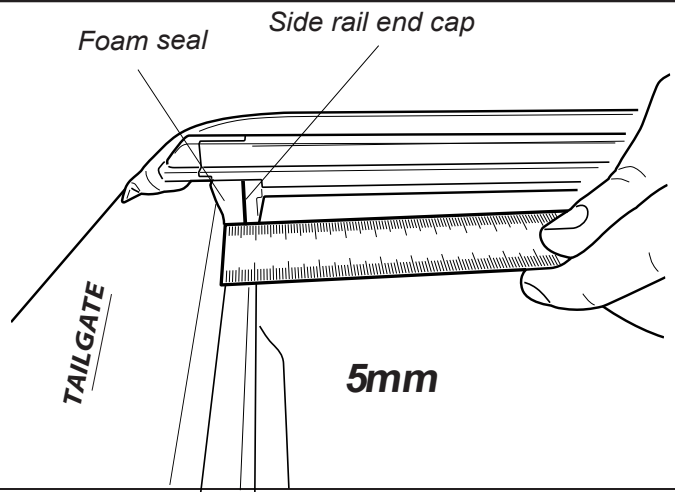
With the tailgate up (Closed position),
Pull left & right hand side rails
towards the tailgate, stopping short by
5mm between tailgate and side-rail
end-cap.

5mm



Foam compressed to
5mm when tailgate is
closed.

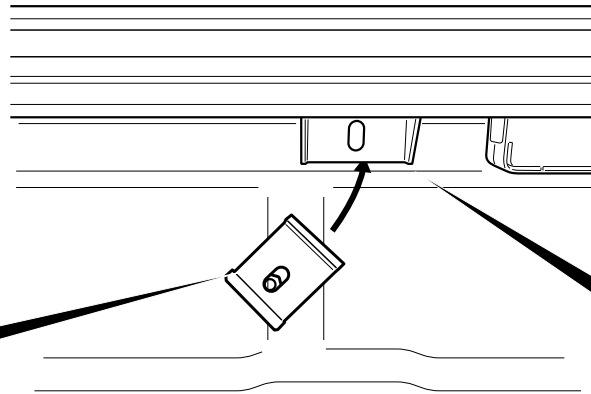
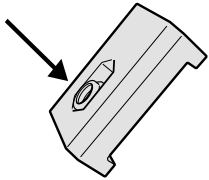
Gap between tailgate and side-rail end cap to be 5mm.



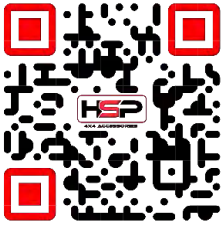
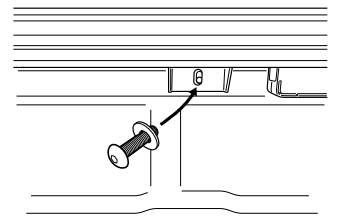
Foam compressed to 5mm when tailgate is closed.


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.

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

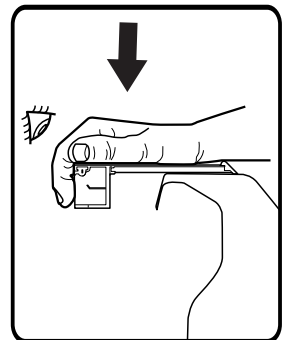
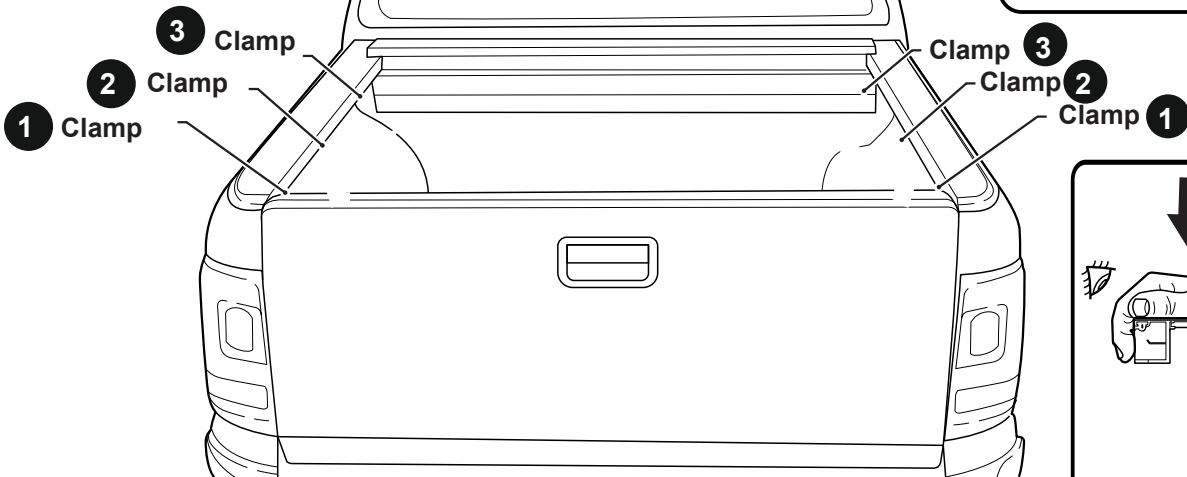
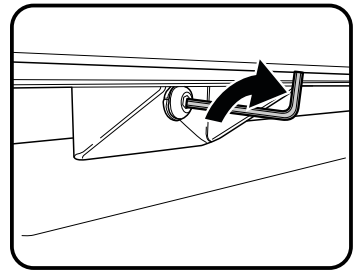


Fasten clamp loosely into position using M8 washer, M8 spring washer and M8 x 35mm bolt.

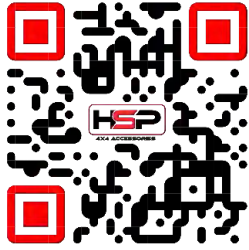


 VISUAL TIP

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



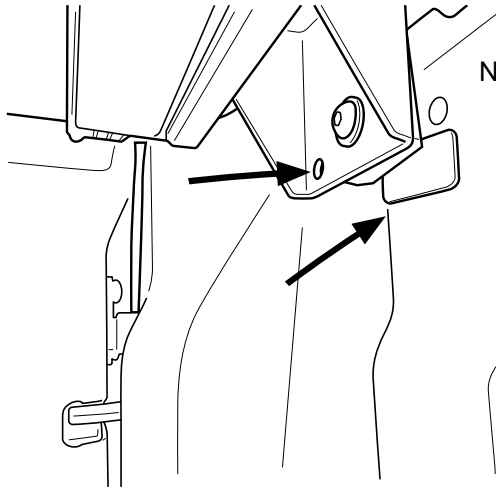
Apply flat plate behind adjusting bolt hole to the ute bed panel or to the liner if the Ute is equipped with a tub liner.



VISUAL TIP

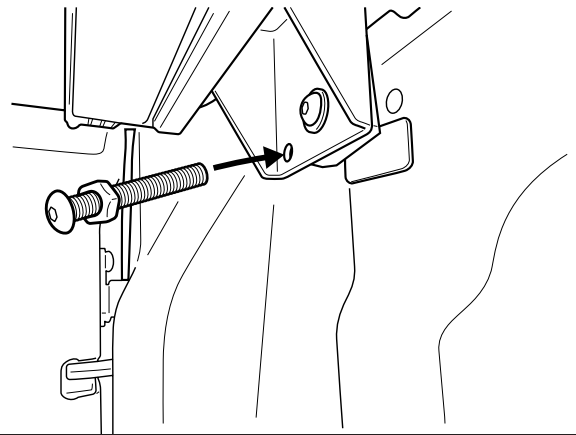


Note: Clean surface before applying flat plate.

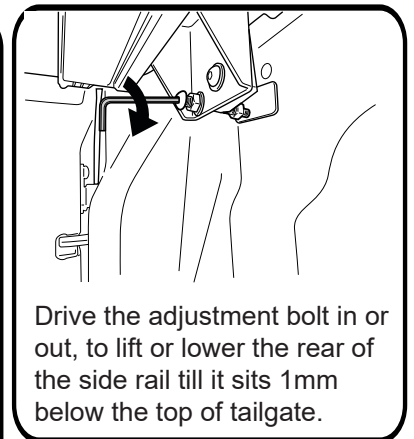
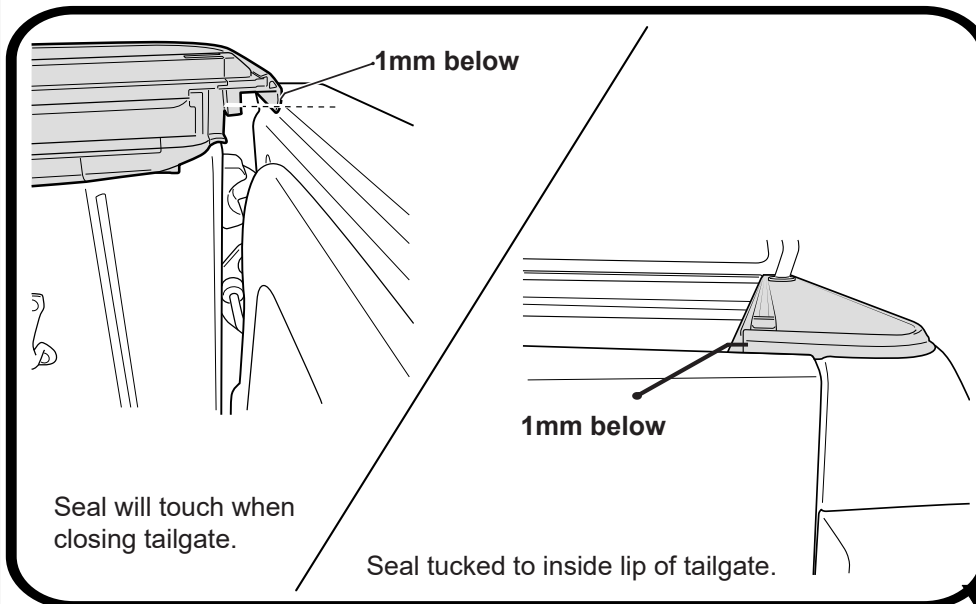


Note: Rear Clamp bracket.

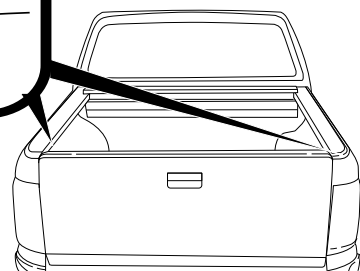
Feed M8 nut into M8x70mm bolt and through clamp bracket's pre-installed nutsurt as indicated.



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

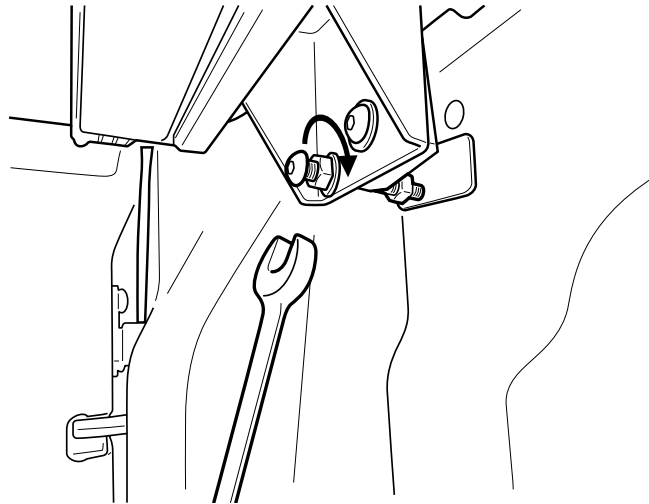


Drive the adjustment bolt in or out, to lift or lower the rear of the side rail till it sits 1mm below the top of tailgate.



VISUAL TIP

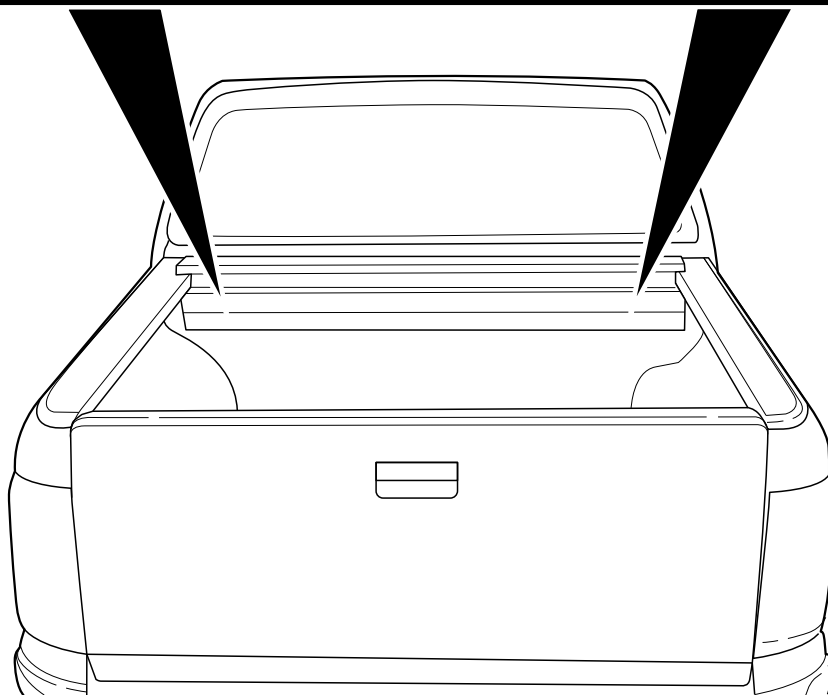
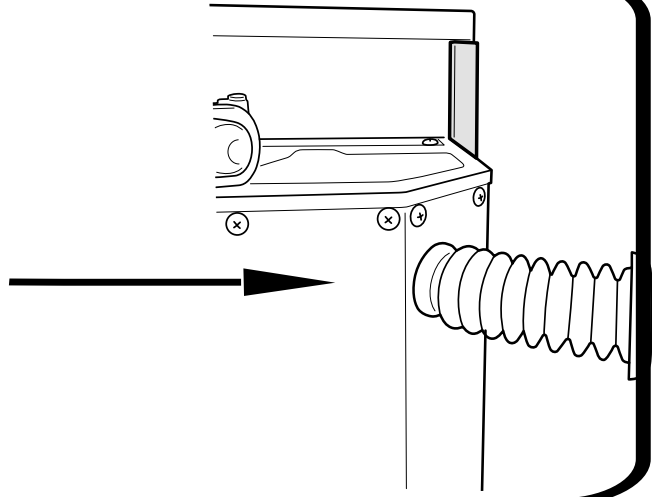
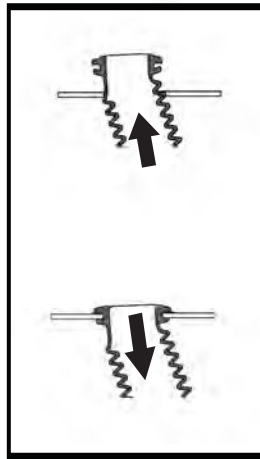
Fasten the M8 nut against clamp bracket.



Install front drain pipes through pre-drilled holes of the canister. (RHS/LHS)



Note: With care push tube in.
Taking care pull the tube back
so it seals correctly against
the front panel of the tub.

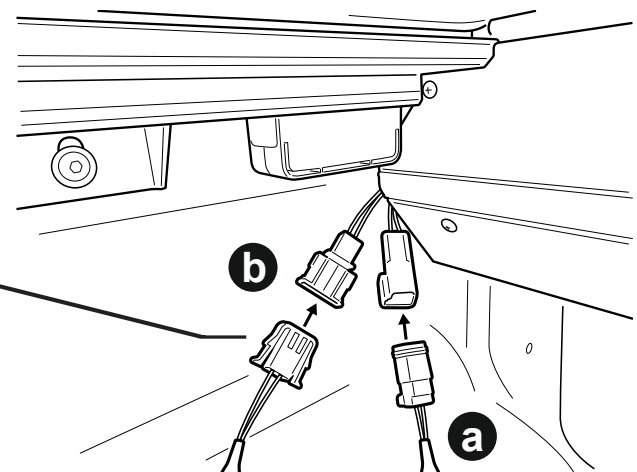


 VISUAL TIP

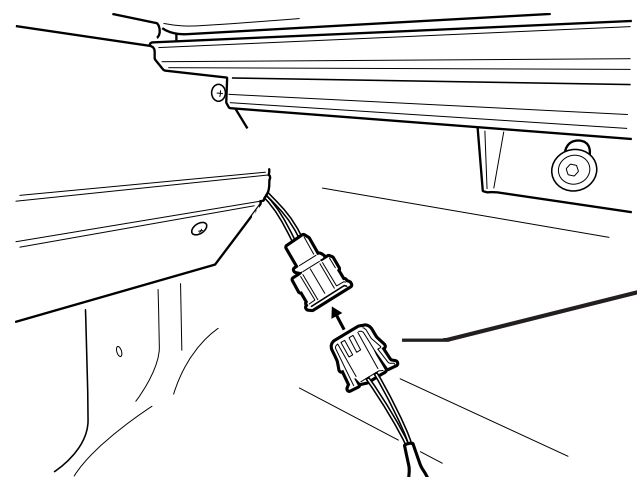
- a. Connect Battery loom S2.75 to Receiver loom.
- b. **Carefully** connect S3-CL-PATCH to Receiver loom.



Align connectors carefully to avoid pushing pins out.



Carefully connect CI-Loom-Long to S3-cl-patch.



Align connectors carefully to avoid pushing pins out.



Operating instructions:

Press unlock on vehicle key fob to activate controller.
 When vehicle is unlocked the side rail sensor buttons will be active to control.
 When vehicle is locked the side rail sensor buttons will be inactive.

Using factory key fob to operate:

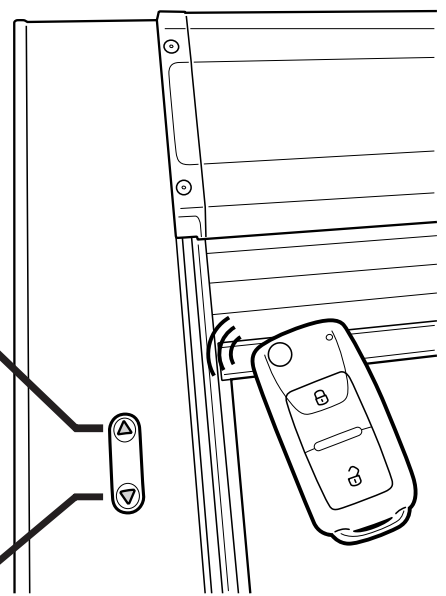
Pressing unlock twice on the factory key fob within 4 seconds, will activate the roll r cover to open.
 Pressing lock twice on the factory key fob within 4 seconds, will activate the roll r cover to close.

Vehicle proximity:

Tapping the proximity twice to open or lock the car door will act exactly the same way as the key fob being pressed twice.

Touch & let go to open, touch & let go again to pause.

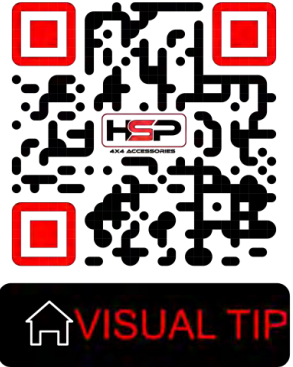
Touch & let go to close, touch & let go again to pause.



NOTE: 1. To wear in the Roll R Cover please fully open & close the cover approximately 15 times after install is complete.
 2. Set your vehicle locking system to unlock all doors with one press of the factory remote unlock button. This setting can be found in your vehicle settings.

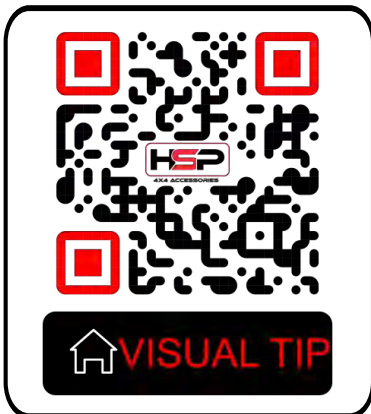


NOTE: You must service the unit before hand over, please scan the QR code to see how to service.



Trouble shooting visual tips:

side rail Parallel test



Ampage test and servicing

