



INSTALLATION INSTRUCTIONS

DT RAM 1500 Big Horn Crew Cab 6'4" Cargo Tub



INSTALLATION TIME: 1 hours and 45 minutes (Approximately)

IMPORTANT	• 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	• 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	• Pen / Marker • Centre Punch • Drill & Drill bits • Caulking Gun • Silicon - Non Acetic	• Scissors & Knife • Spanner & Socket • Tape measure • Holesaw • Filing tool	• Soapy water solution • Allen Key set • Screw driver • Rust Inhibitor • Trim Removal Tool

PERSONAL PROTECTIVE EQUIPMENT:



Rubber Gloves

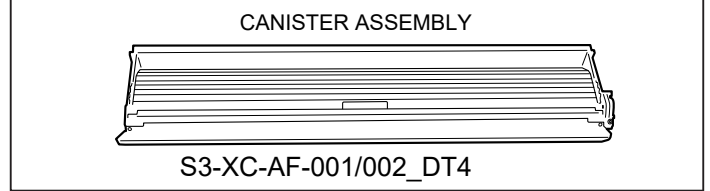
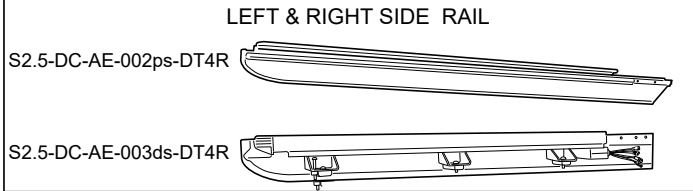


Goggles

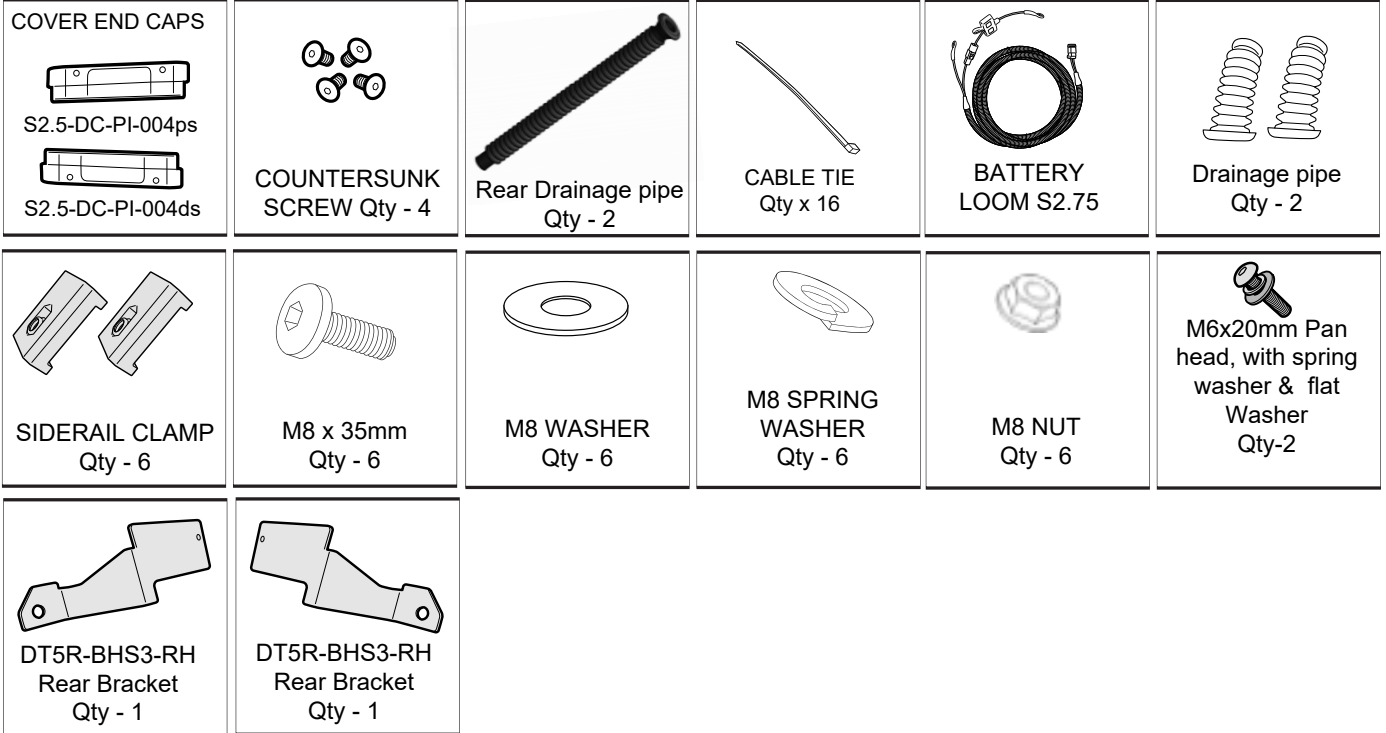


Hearing Protection

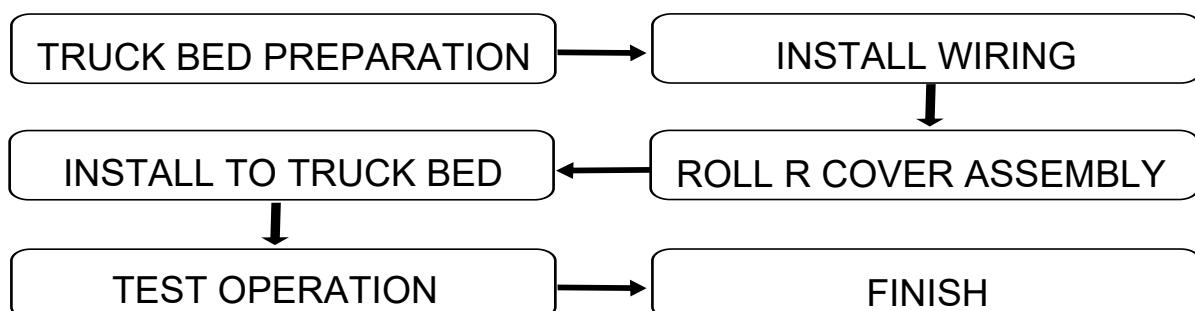
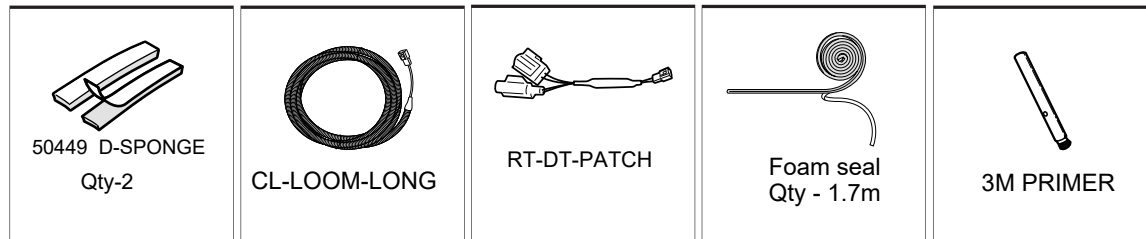
BOX CONTENTS



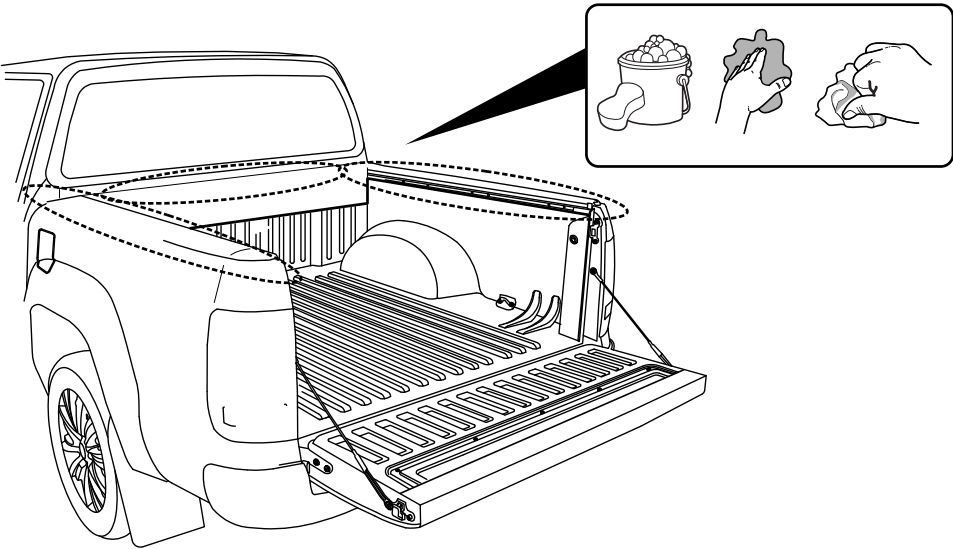
SPECIFIC KIT DT5R-BH



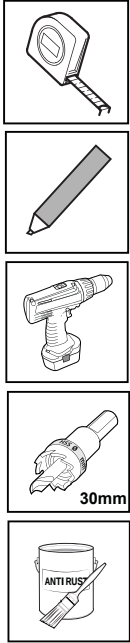
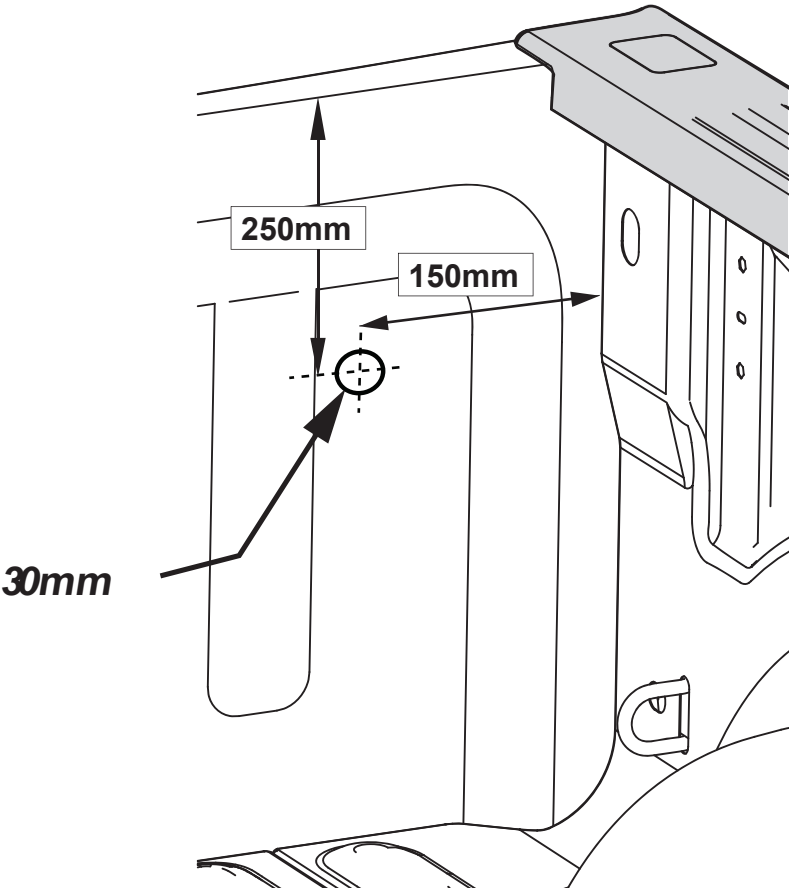
SPECIFIC KIT DT



Clean are as indicated.

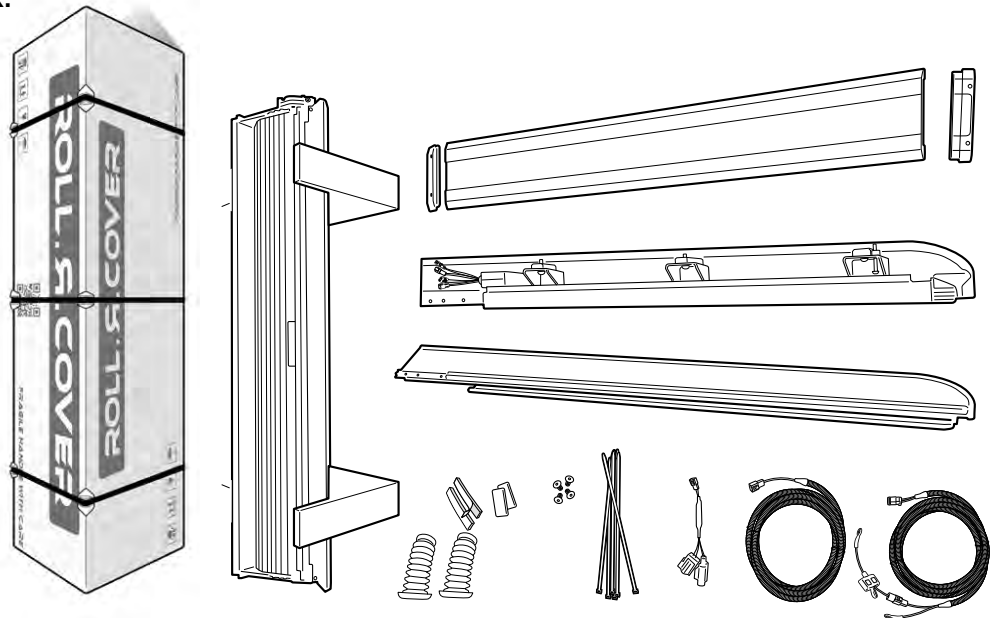


Measure down from top of headboard 250mm & 150mm from inside wall of bed as shown.
Repeat to the other side.
Using a 30mm hole-saw drill through tub front panel, file away any sharp edges. Apply anti rust coating. Repeat to other side.

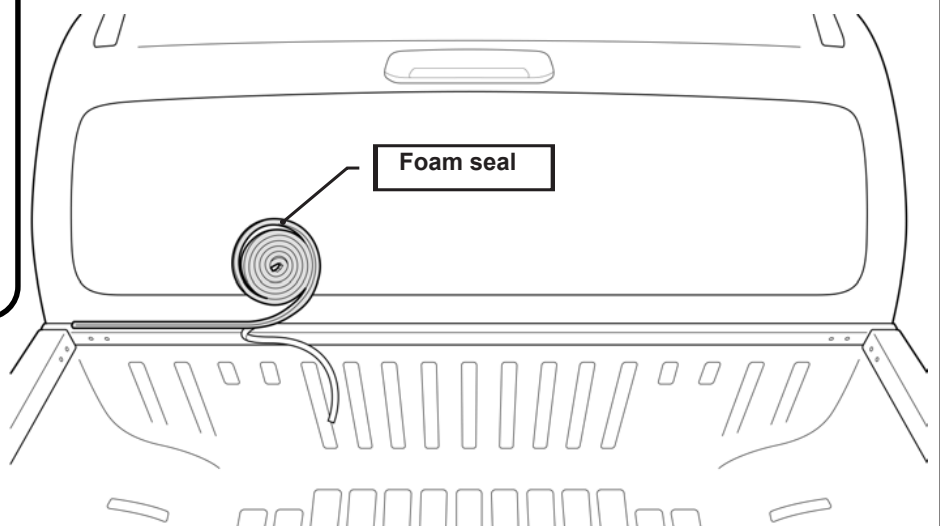
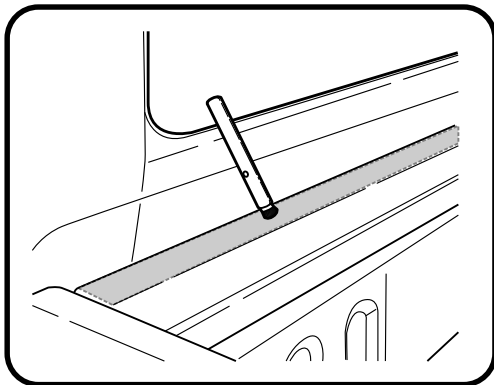


! ATTENTION: Do not exceed 30mm hole.

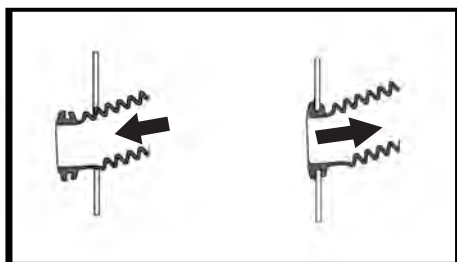
Carefully unpack the box.



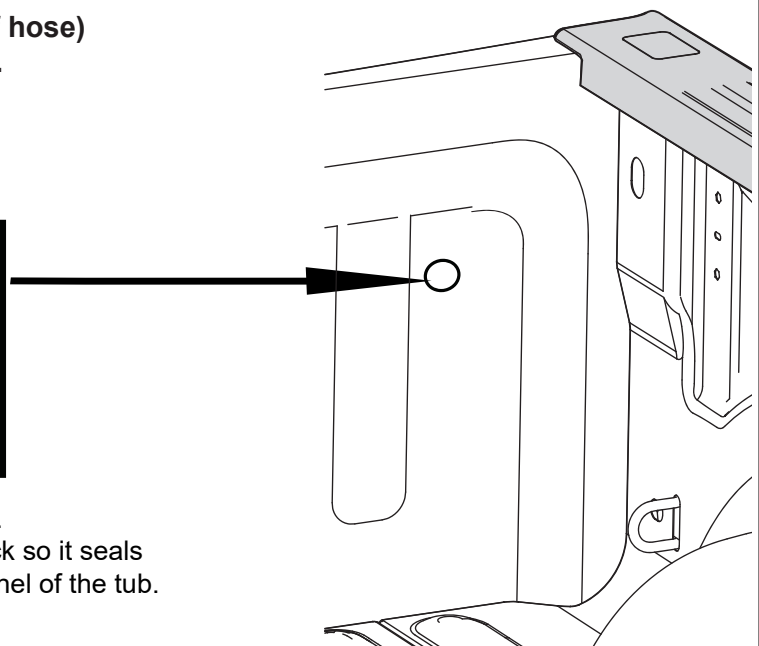
1. Apply 3m primer to the top of head board as indicated.
2. Run foam seal provided along the front (inside edge towards tailgate) of the tub to make head-rail level with sides.



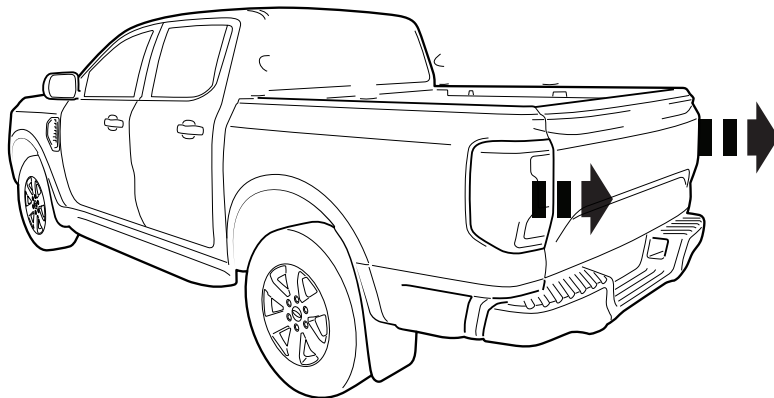
Install front drain pipes (55mm diameter end of hose)
through pre-drilled holes on the front tub panel.



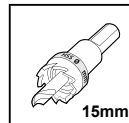
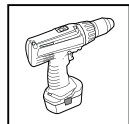
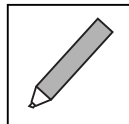
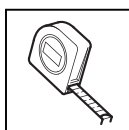
Note: With care push tube in.
Taking care pull the tube back so it seals
correctly against the front panel of the tub.



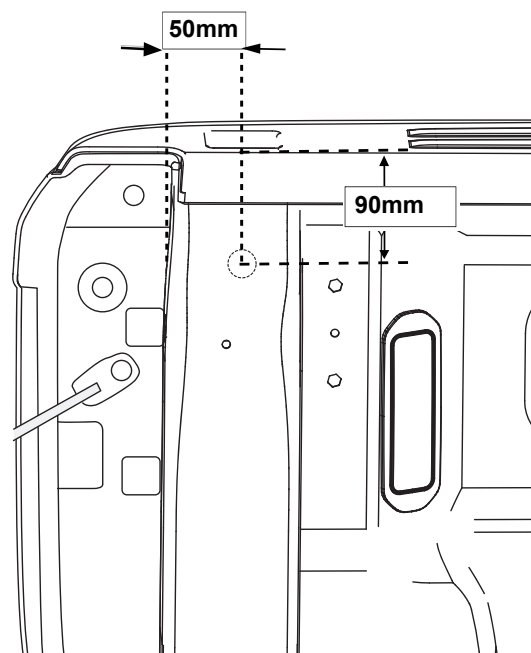
Remove and retain tail lights.



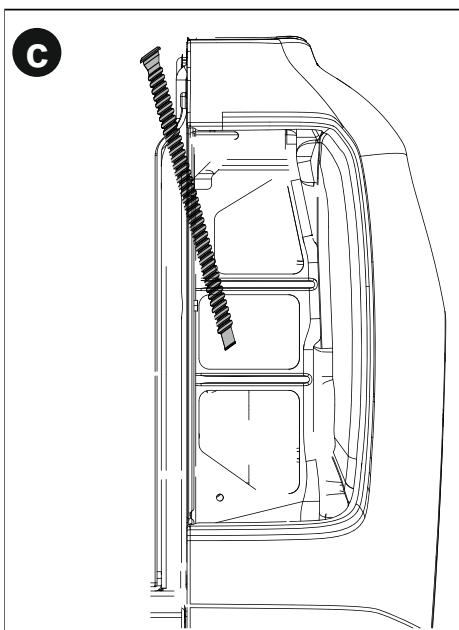
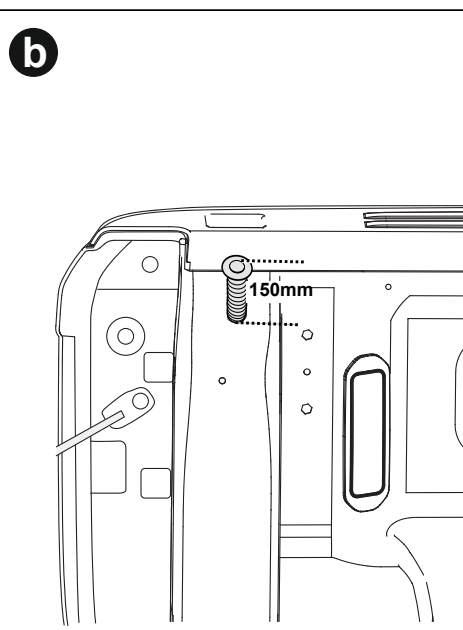
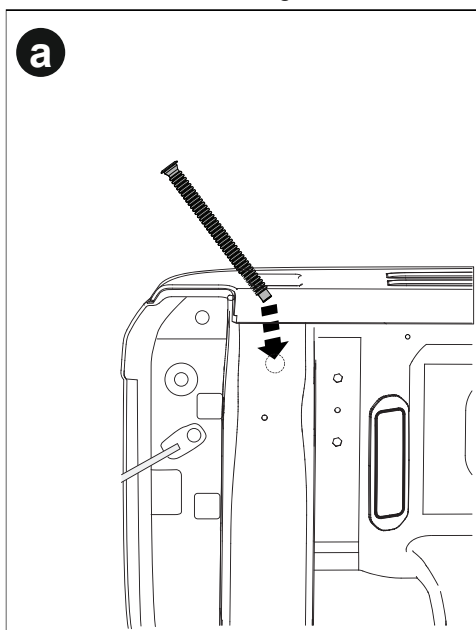
Measure 50mm towards the front of tub from the edge of the pillar as indicated. Measure down 90mm from the top edge of the tub as directed and make a mark.
Use a 15mm hole-saw to drill through the tub pillar, and file away any sharp edges. Apply an anti-rust coating.
Repeat the same steps on the other side.



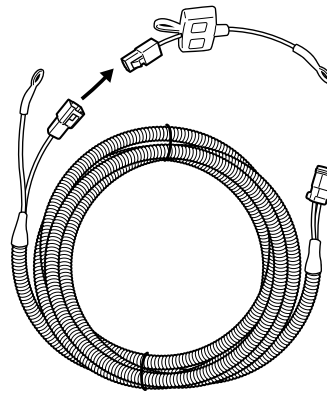
ATTENTION: Do not exceed 15mm hole.



- a** In the specified orientation insert the rear drainage pipe into the previously drilled hole.
- b** Leaving 150mm of the pipe hanging out.
- c** Check the tail light cavity to ensure there are no obstructions to the drainage pipe. Repeat to the other side.
Re-fit the tail lights.

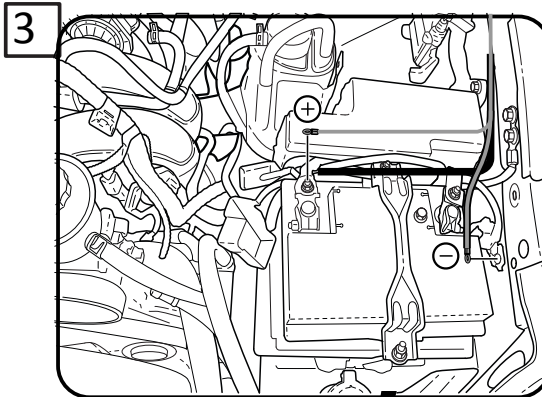
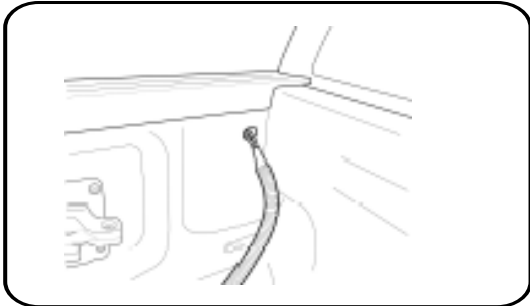


Disconnect fuse patch from battery loom S2.75.

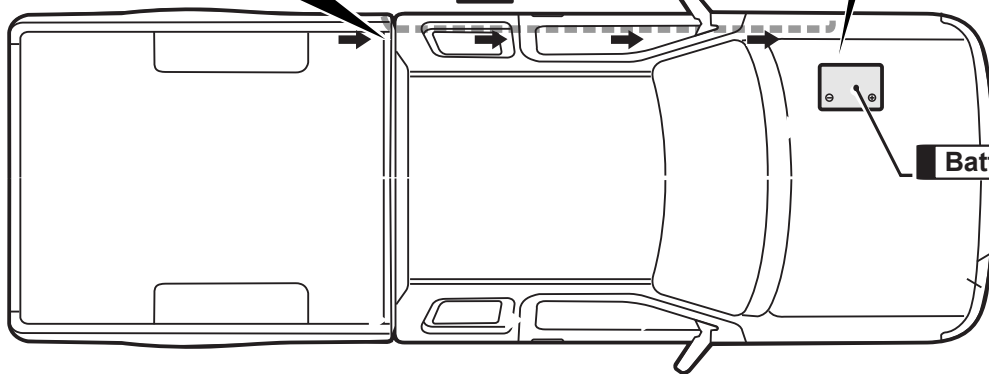


Wiring Harness steps

- 1** Locate the front left factory hole on the side wall of the tub, remove grommet and feed battery loom through the hole.

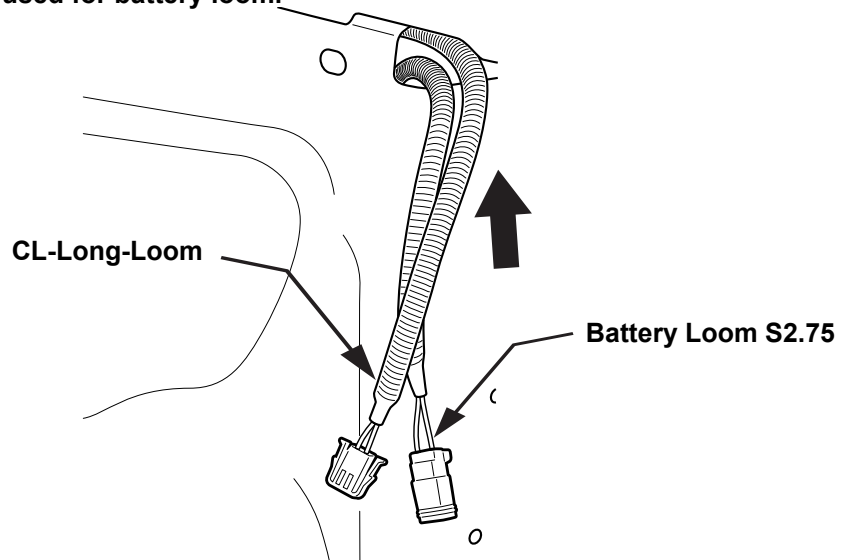


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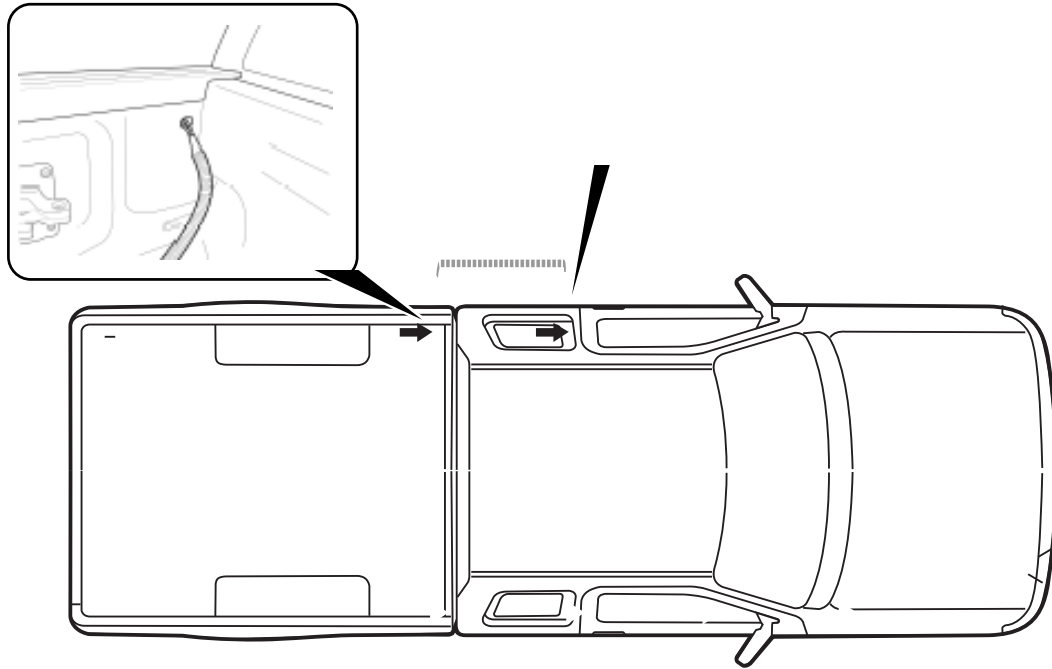


Run the wiring from the front of tub side wall (leaving 200mm in the tub) to the battery over the chassis rail. Making sure to keep away from hot obstructions and cable tie every 400mm. Reconnect fuse patch to battery loom S2.75, now attach fuse patch to positive of battery and earth to the body of the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

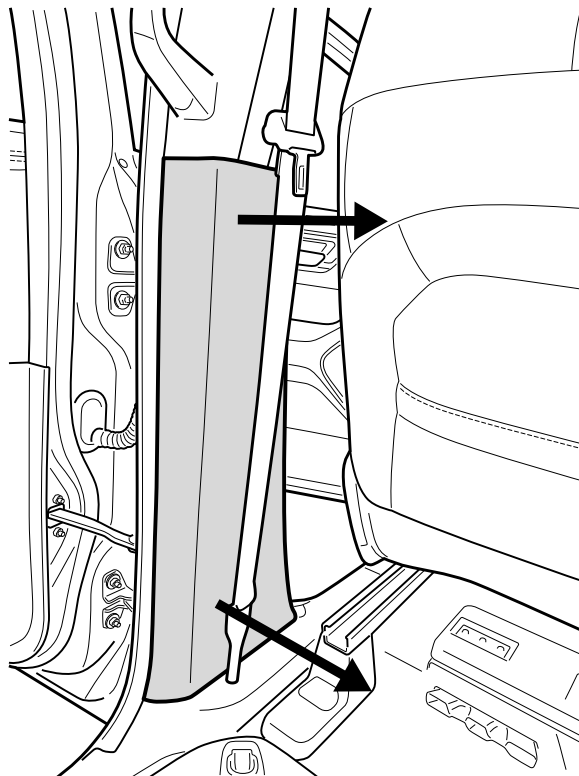
Feed CL-LONG-Loom through the same hole used for battery loom.



Run wiring from to passenger side B pillar Cable tie wiring every 500mm over chassis rail. Locate floor grommet under the front passenger seat, make a small incision & run the loom through it to enter the cab and towards B pillar. Seal accordingly.

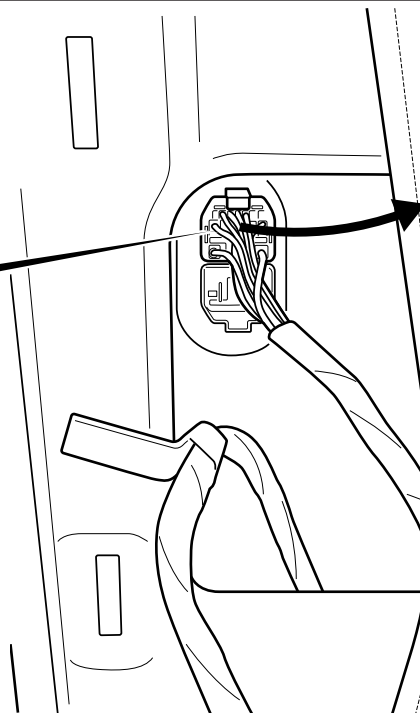


Remove B pillar trim as indicated.

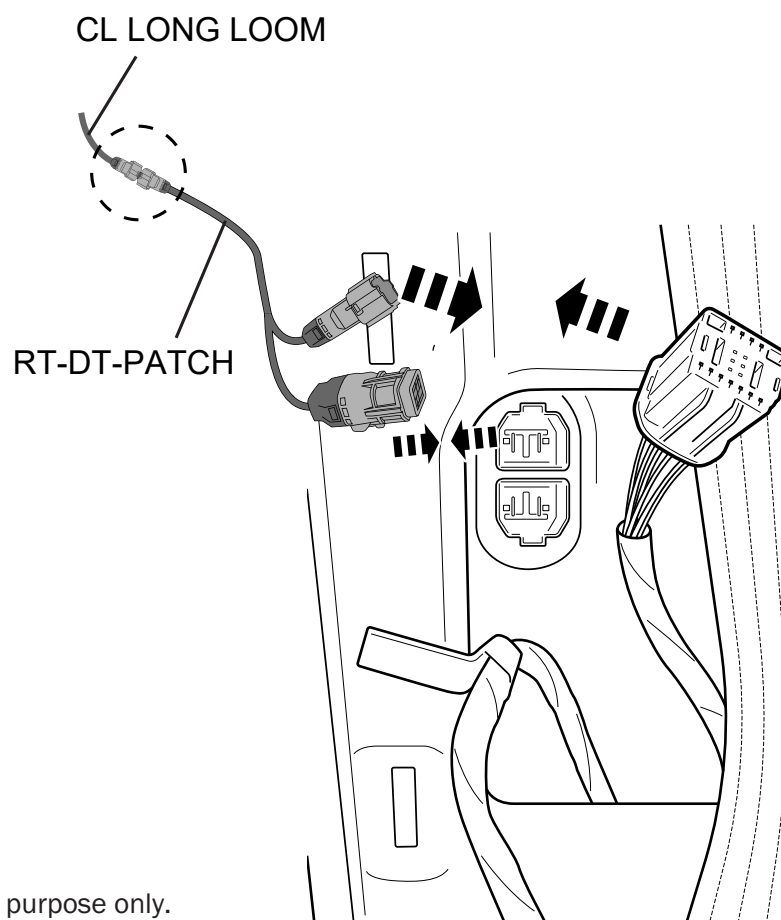


Disconnect the indicated plug.

DISCONNECT CONNECTOR



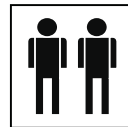
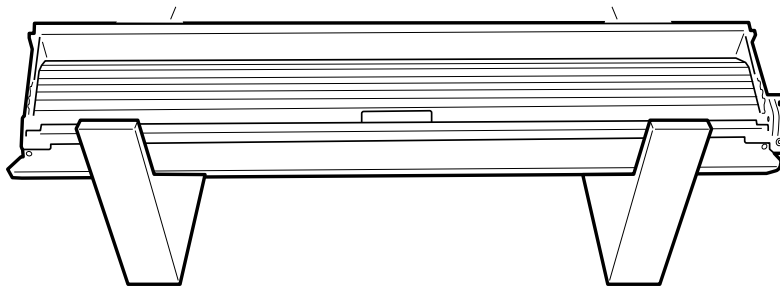
Connect RT-DT-PATCH to the vehicle harness.



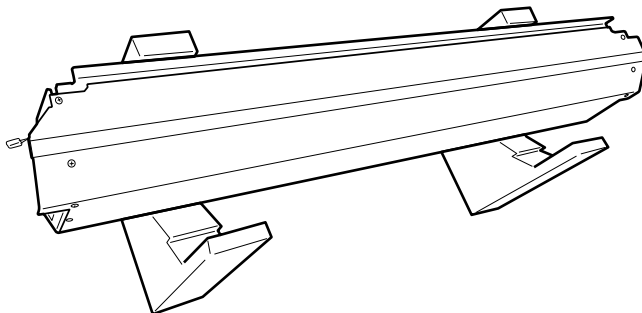
NOTE: image used is for illustration purpose only.

RE-ASSEMBLE ANY REMOVED TRIMS.

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

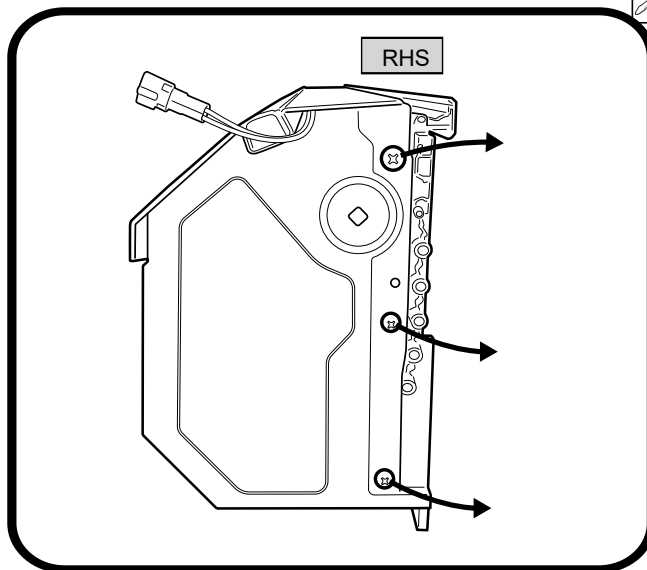
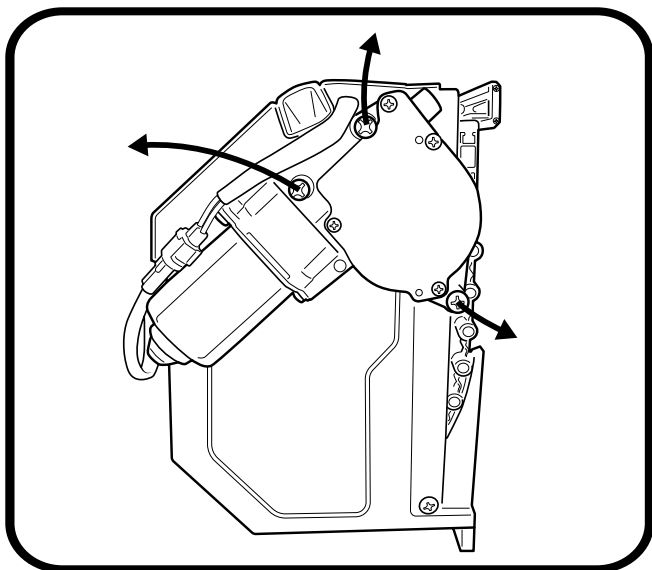
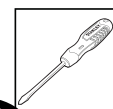


With assistance turn the canister on its back on the foam blocks.

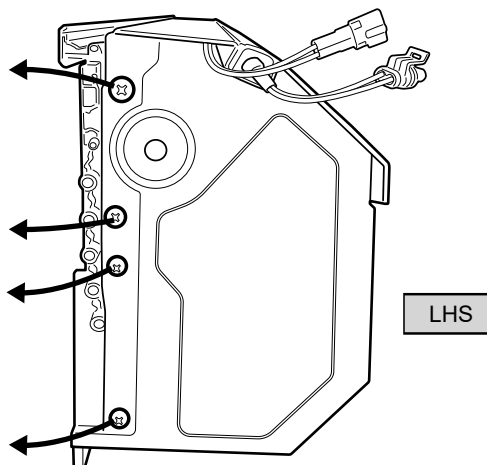
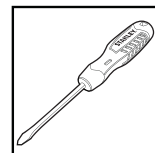


Disengage motor from the axle by unfastening the 3 Screws as indicated. Retain all parts.

Remove and retain the 3 screw from the canister as indicated.

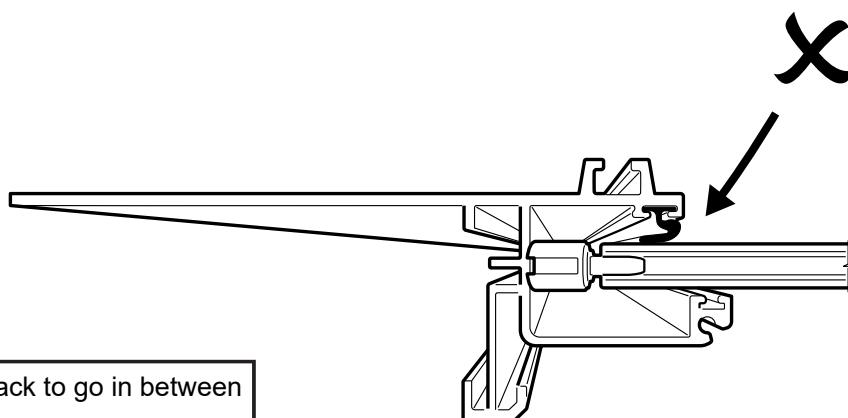
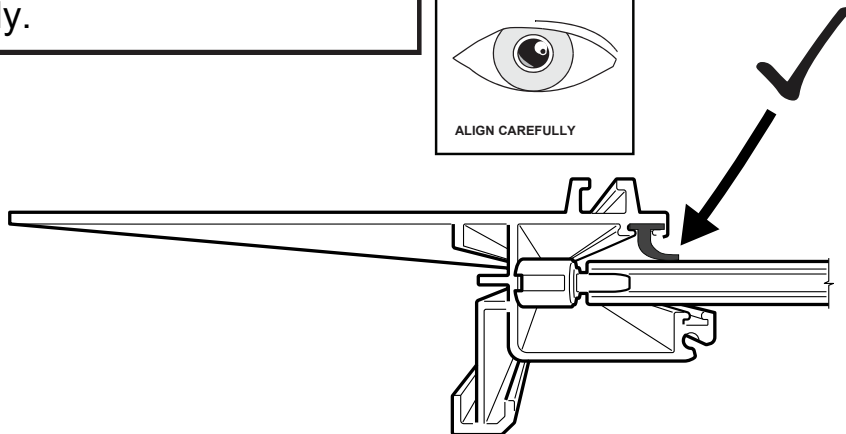
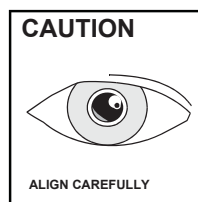


Now on the other side, remove and retain the 4 screws from the canister as indicated.



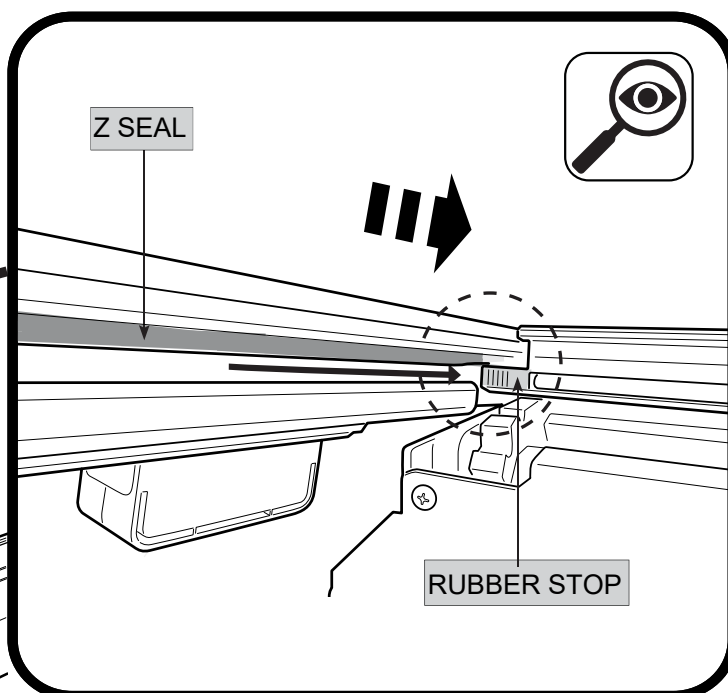
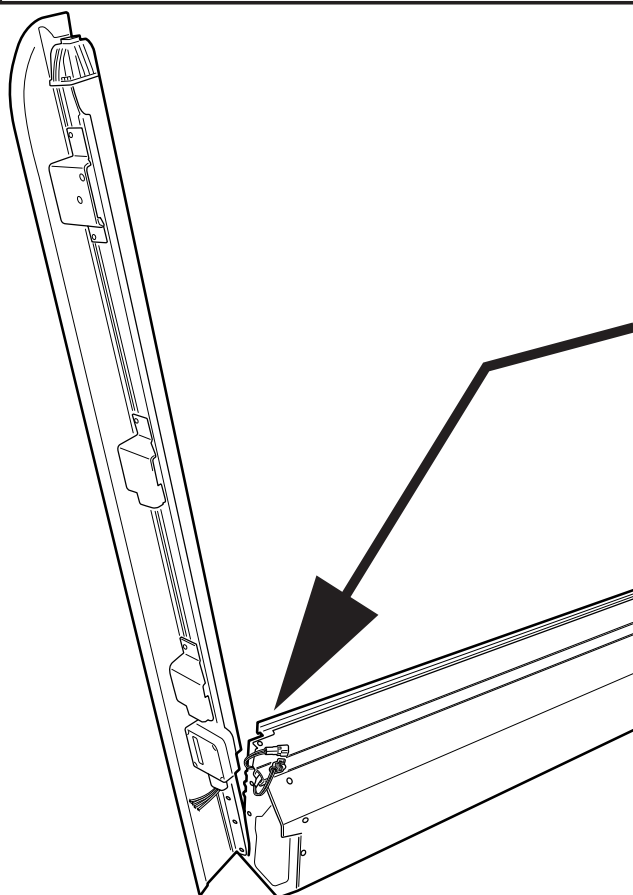


Important Note: Ensure that the Z seal within the track is positioned over the curtain and not folded inward. **WARRANTY** voided if assembled incorrectly.

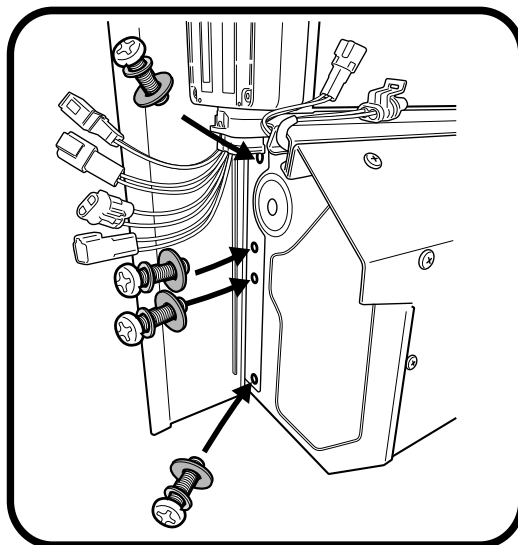
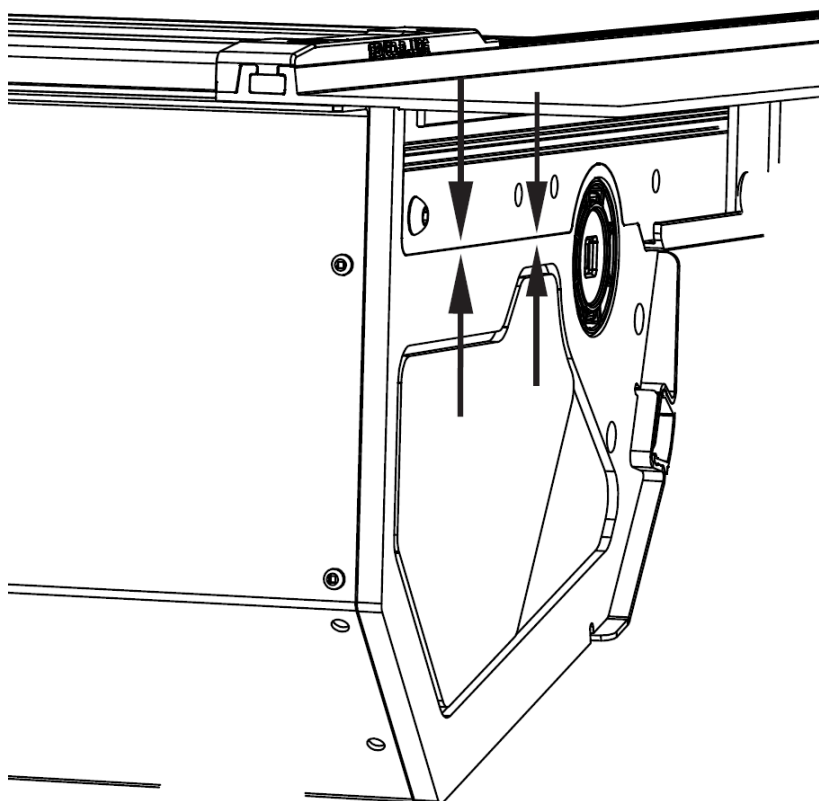
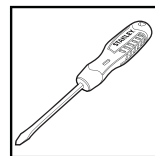


Align side rail to side of canister, guide the track to go in between the curtain end rubber stop.

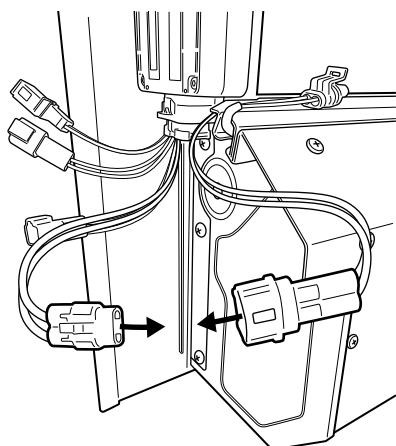
NOTE: LHS side rail to be assembled first.



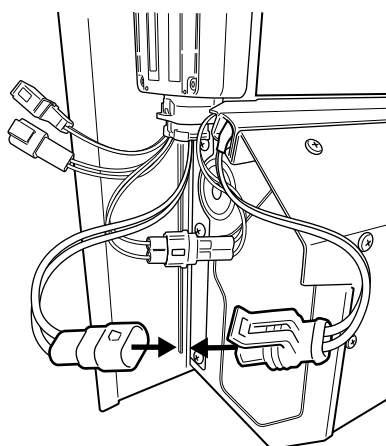
1. Using the retained screws, spring washer and washer, Loosely fasten the side rail to the location indicated.
2. Side rail edge must compress and meet with the canister profile as indicated below.
3. Fasten all screws tight.



Connect motor connector to receiver

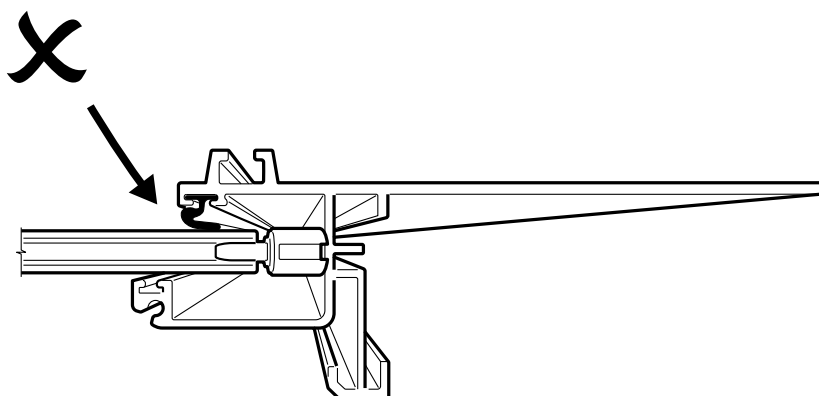
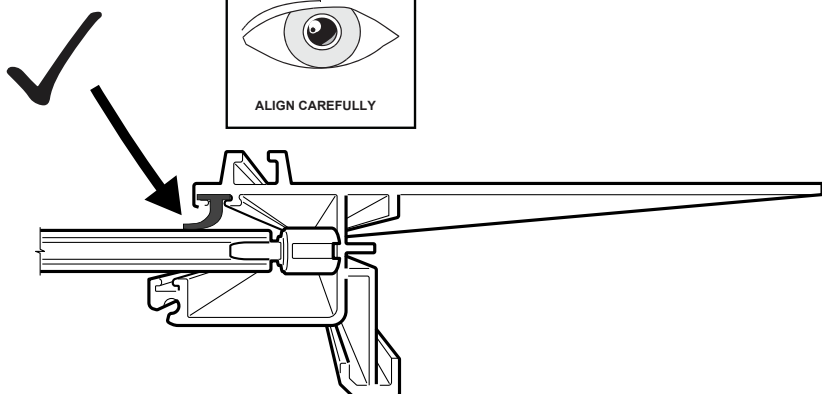
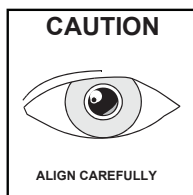


Connect LED Loom to receiver



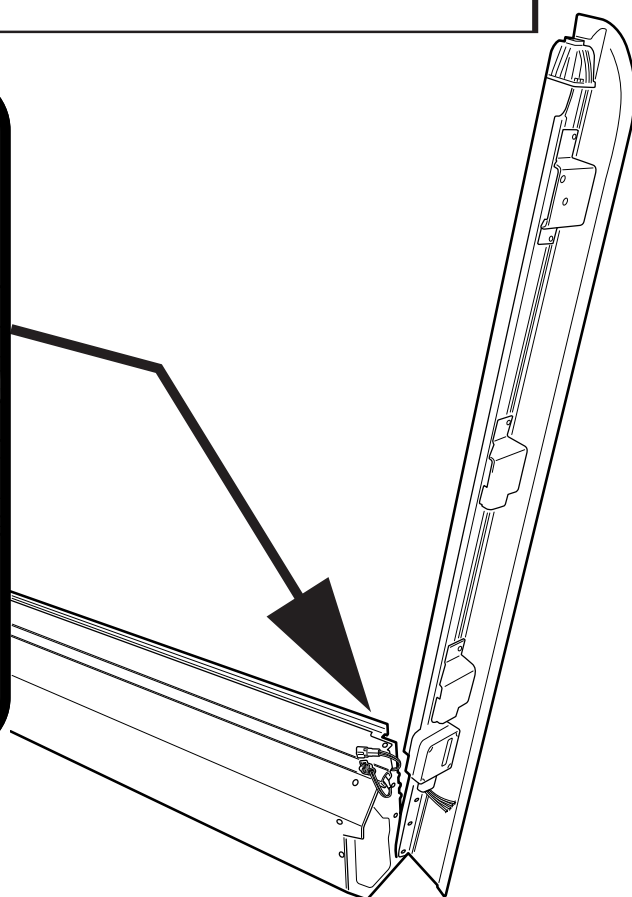
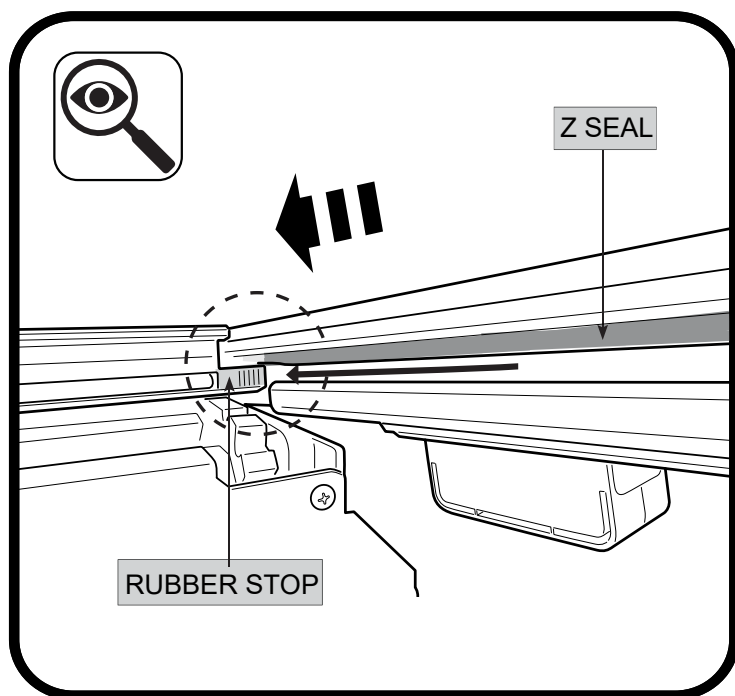


Important Note: Ensure that the Z seal within the track is positioned over the curtain and not folded inward. **WARRANTY** voided if assembled incorrectly.

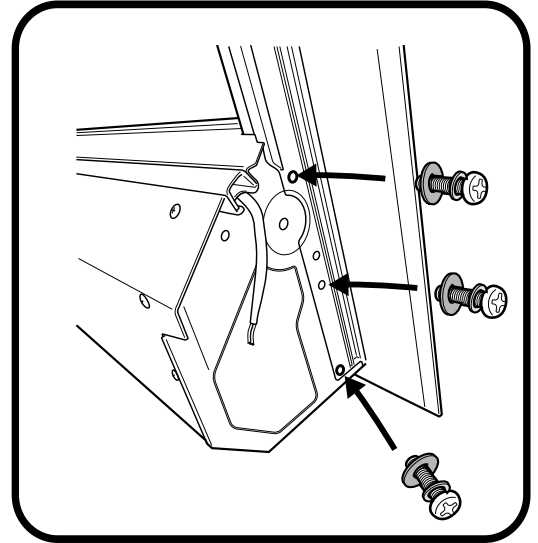
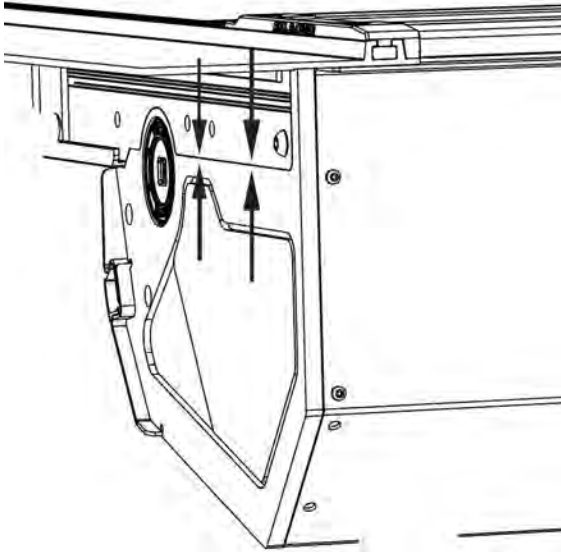
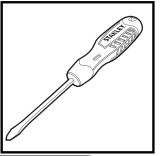


Align side rail to side of canister, guide the track to go in between the curtain end rubber stop.

NOTE: LHS side rail to be assembled first.

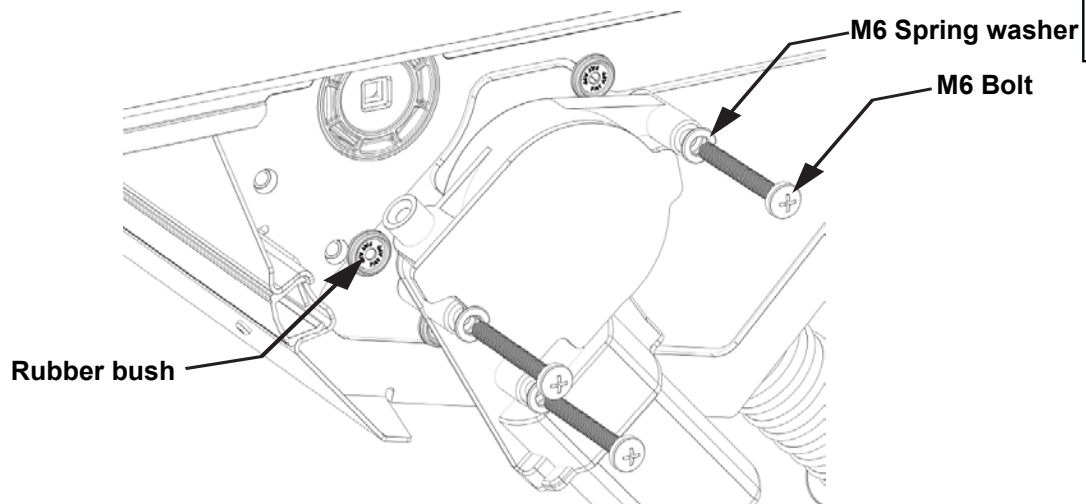


1. Using the retained screws, spring washer and washer, Loosely fasten the side rail to the location indicated.
2. Side rail edge must compress and meet with the canister profile as indicated below.
3. Fasten all screws tight.



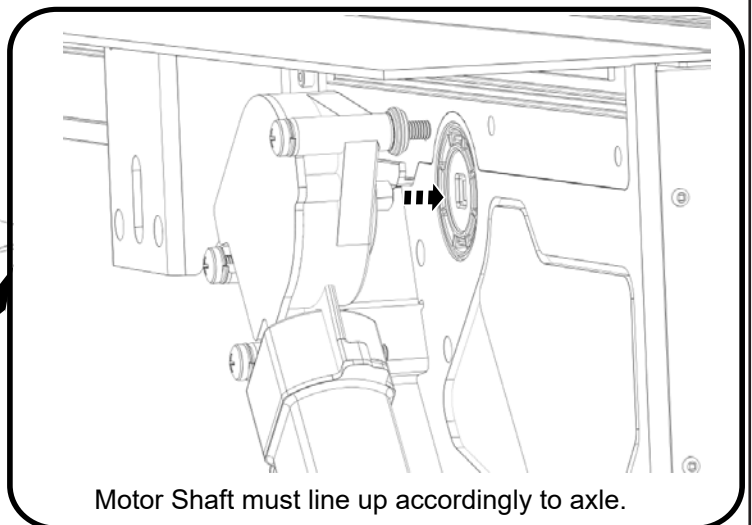
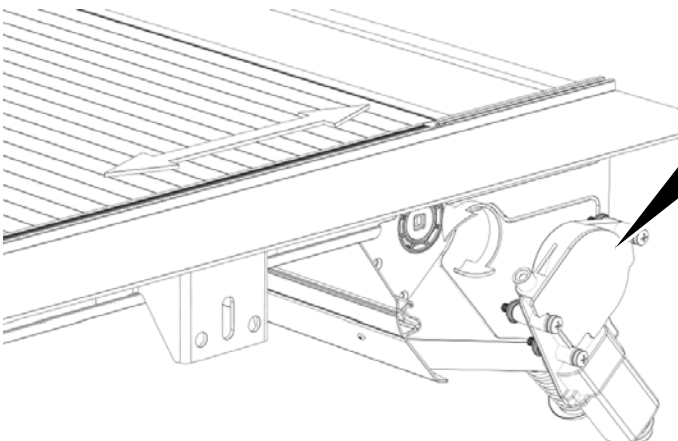
Feed M6 bolt through spring washer, motor and rubber bush.

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



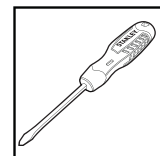
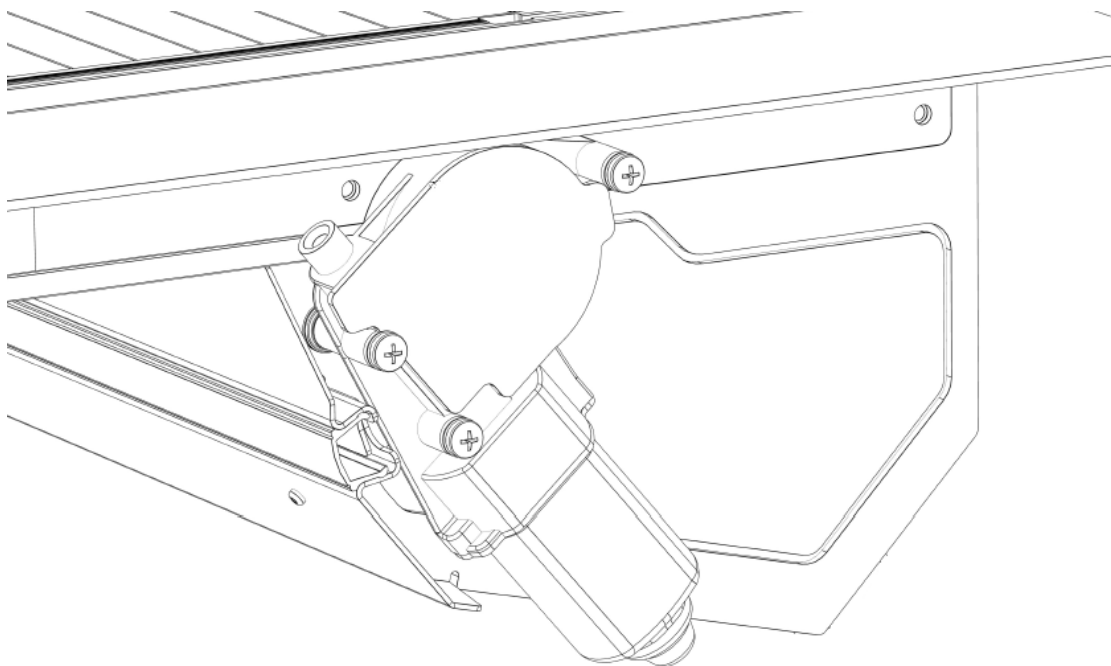
Align & insert motor shaft to axle.

NOTE: Pull / push curtain for axle to rotate.



Motor Shaft must line up accordingly to axle.

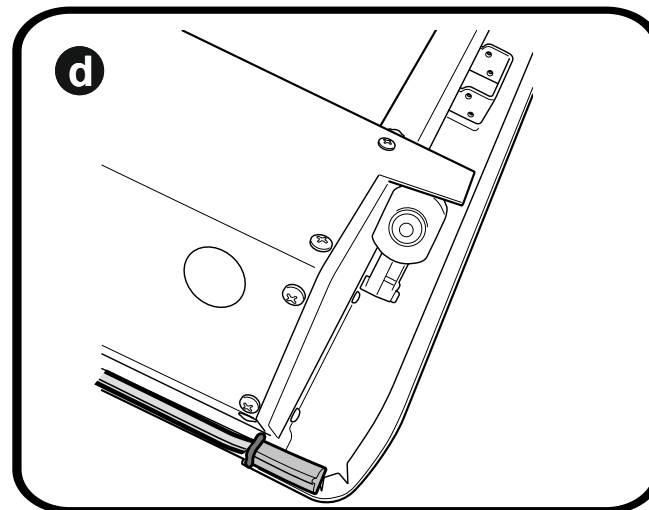
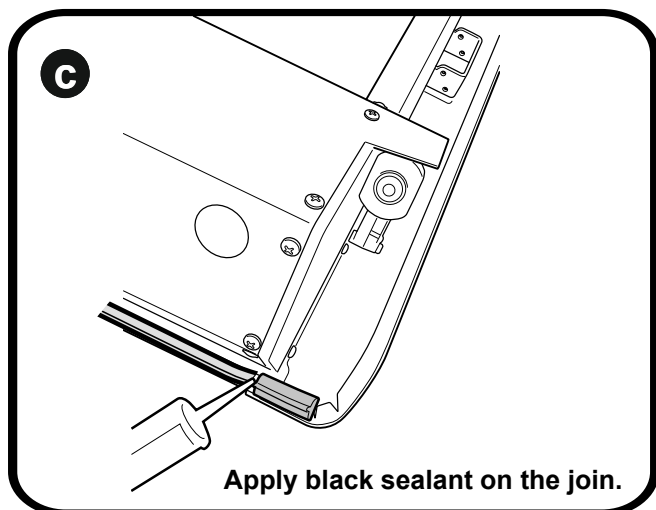
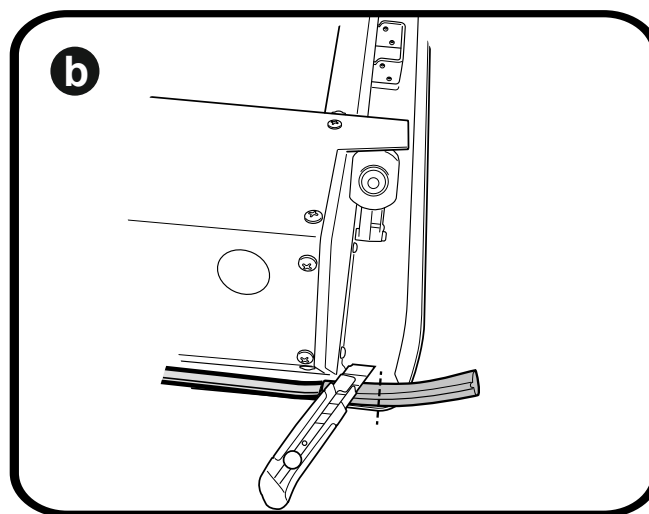
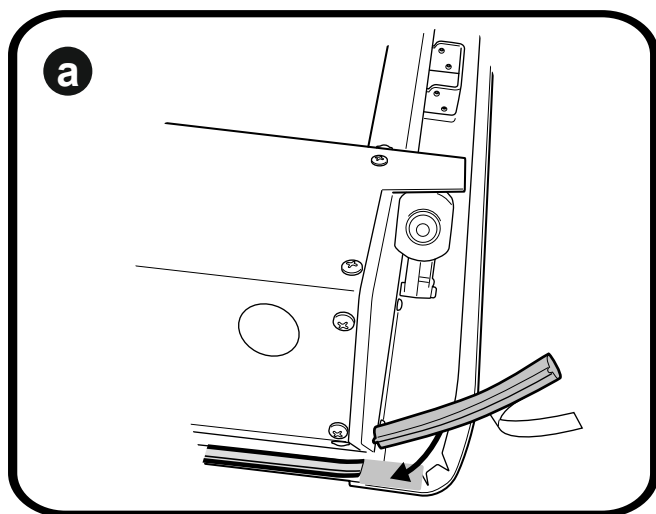
Fasten all 3 screws to 2nm torque. Over tensioning will cause operating issue's.



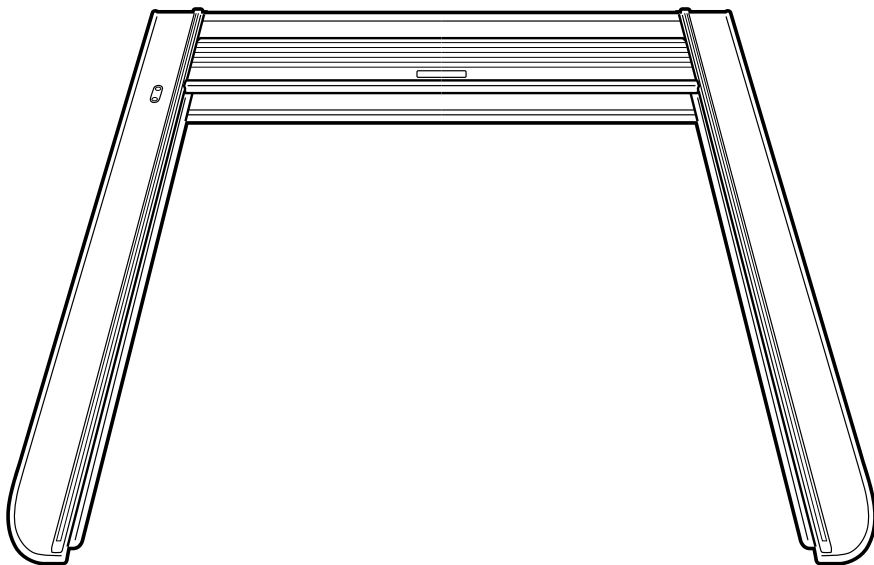
Motor is to sit level.

Any obstructions between motor and canister may cause operating issues.

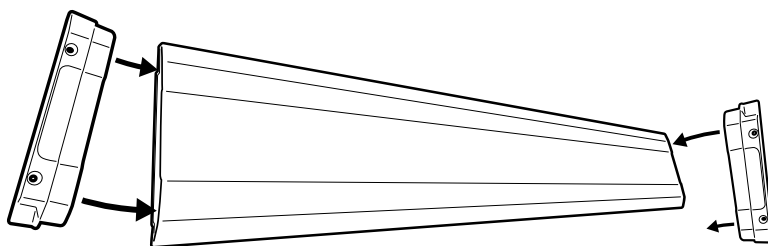
Apply D-sponge foam tape to side rail as indicated. NOTE: Join foam firmly to the per-fitted foam of the canister. Carefully trim excess off & discard as indicated. Repeat on the other side.



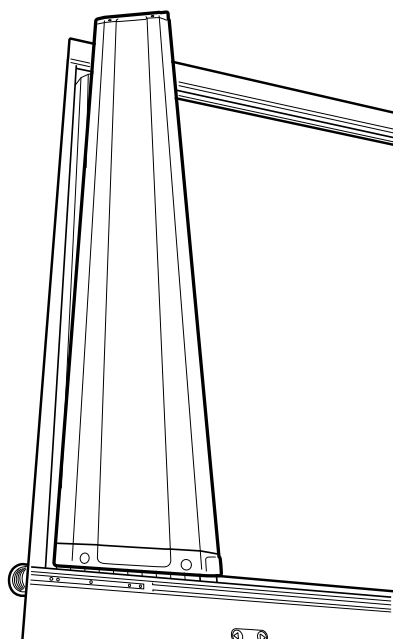
Carefully bring down the assembled unit.



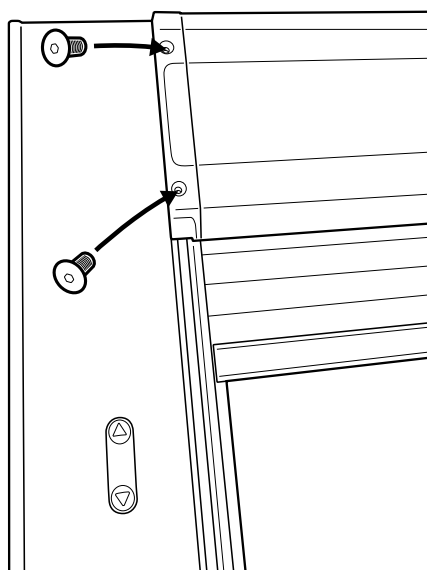
Insert side end caps to the top cover.



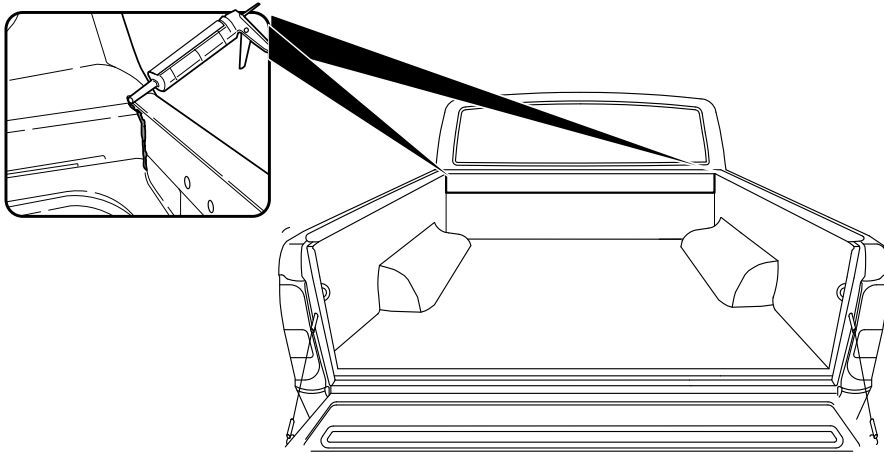
Place & Align top cover over the canister and side rails.



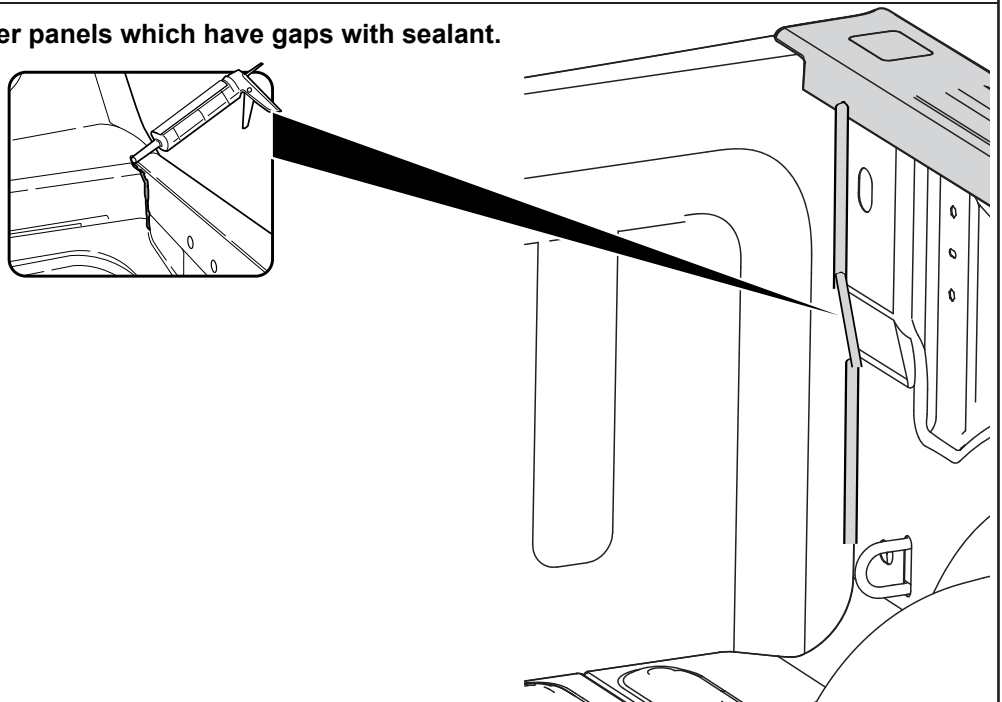
Using countersunk screws provided, line up end cap holes to the threads on the side rail. Fasten to 3nm torque. Repeat to the other side.



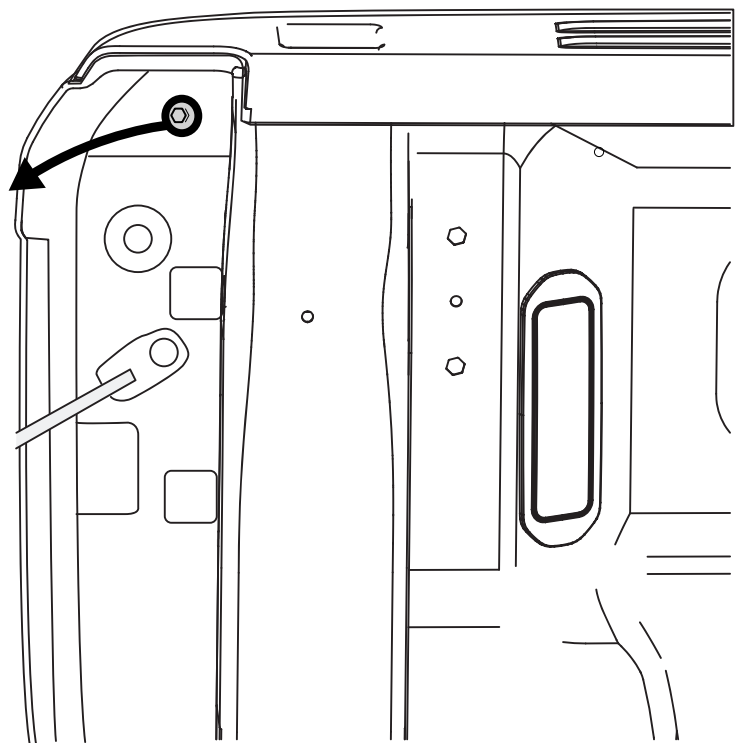
Seal any exposed gaps or holes on the front panel of the Ute bed with sealant.



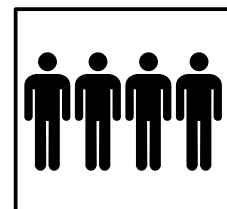
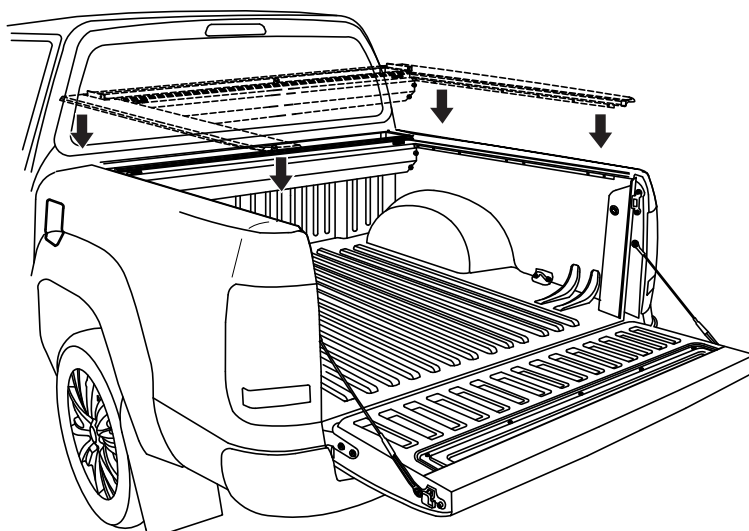
Seal any joins of the front tub inner panels which have gaps with sealant.



Unfasten and discard indicated factory bolt. Repeat to the the other side.

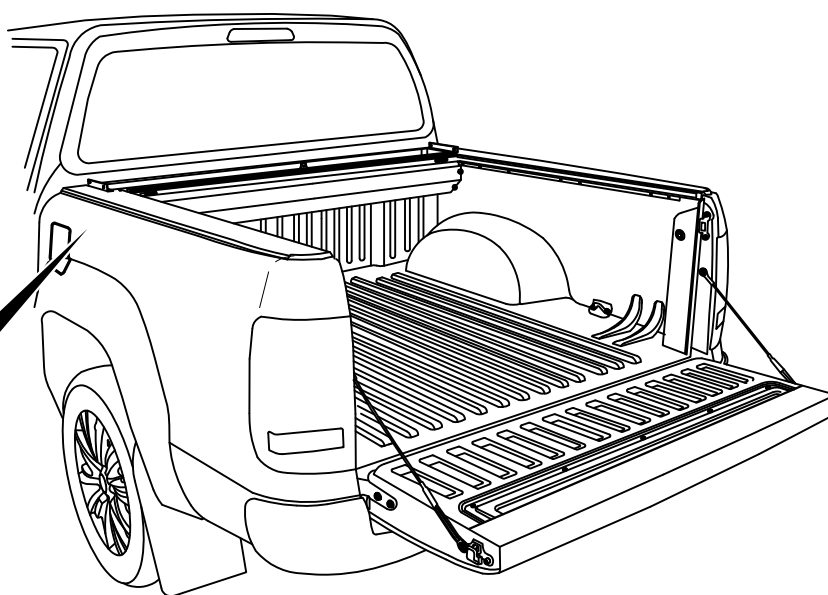
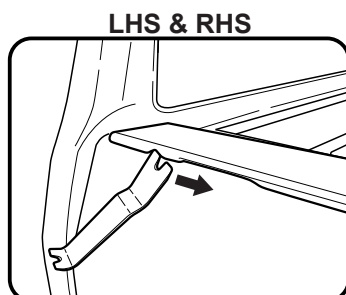


Place the Roll-R-Cover unit on to Ute bed.



4 People
Recommended for lift

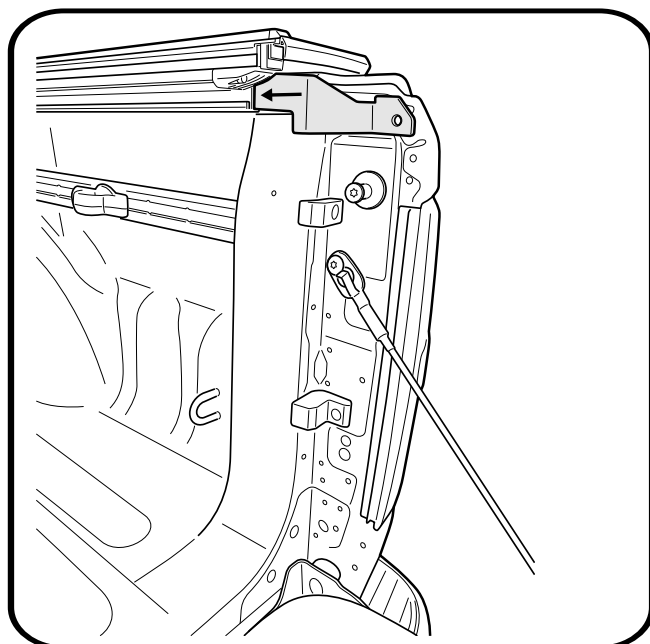
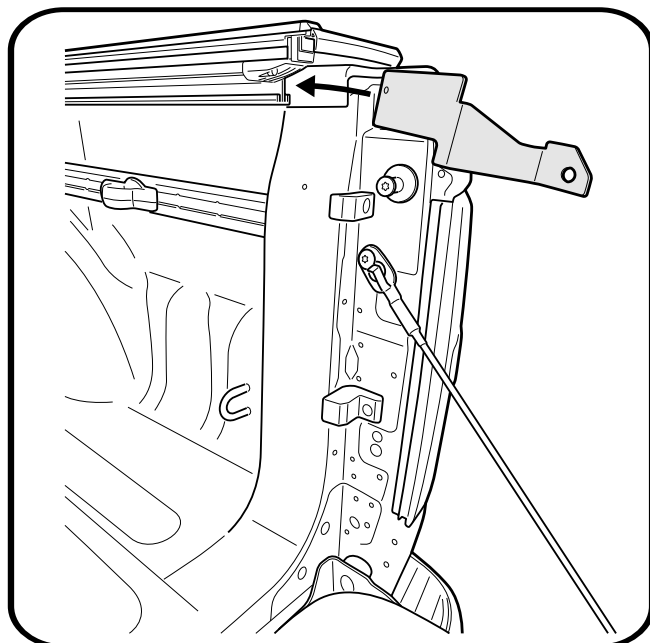
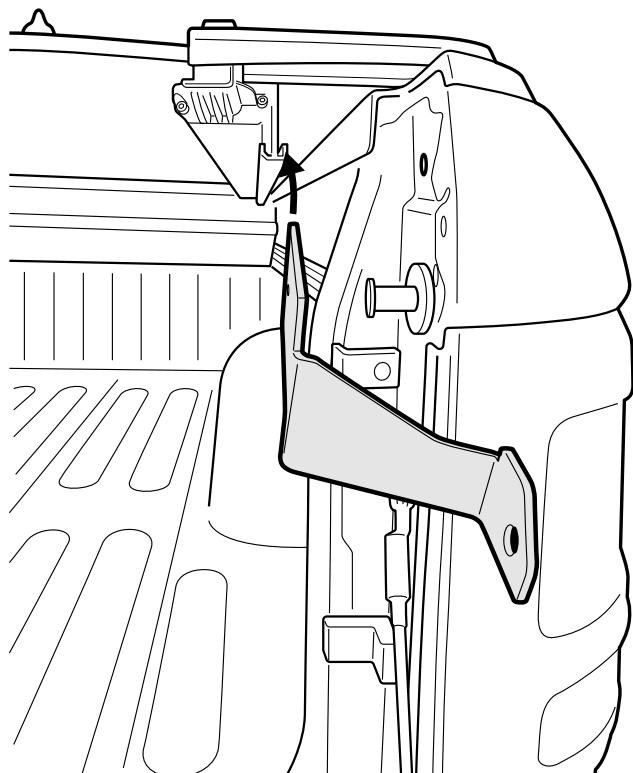
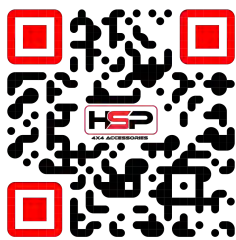
With care, pull out any side rubber
that has folded under the side rail.



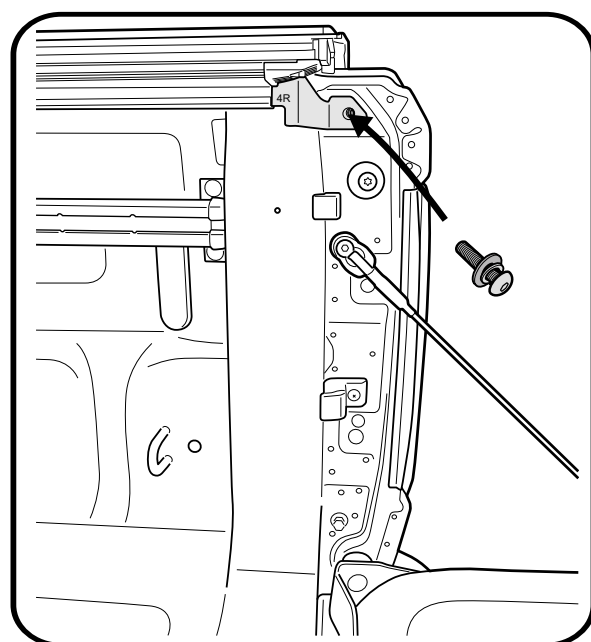
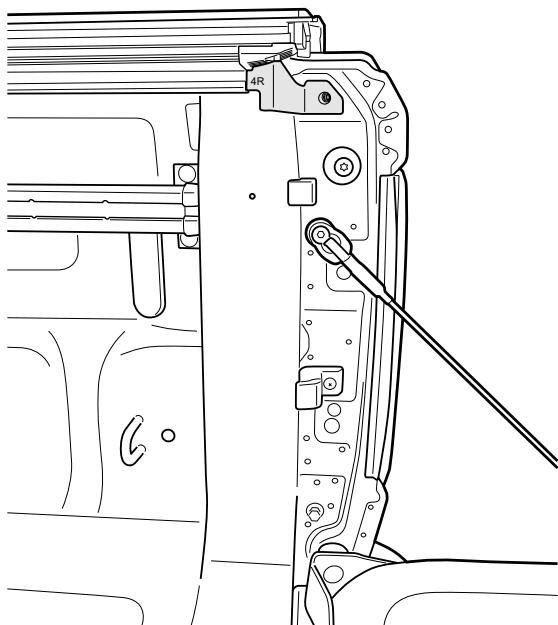
Slide DT5R-BHS3-RH Rear Bracket to the rear channel of the side rail and push in all the way.

It is strongly recommended to scan the QR code and watch this step.

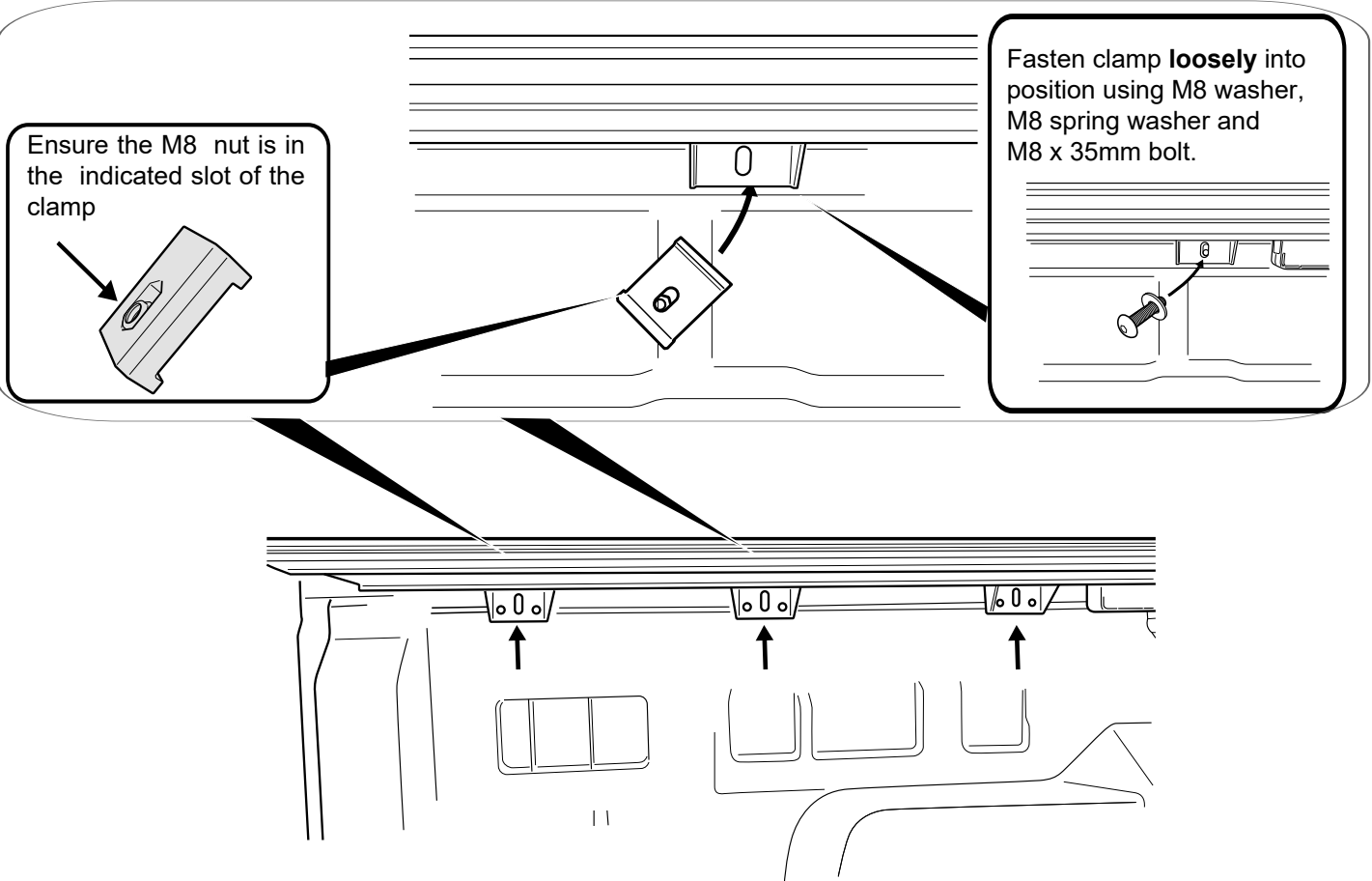
Repeat to the other side using DT5R-BHS3-LH Rear Bracket.



Align the hole of the bracket to the thread of the tub.
Now loosely fasten the into position using the supplied M6x20mm Pan head, with spring washer & flat Washer. Repeat to the other side.



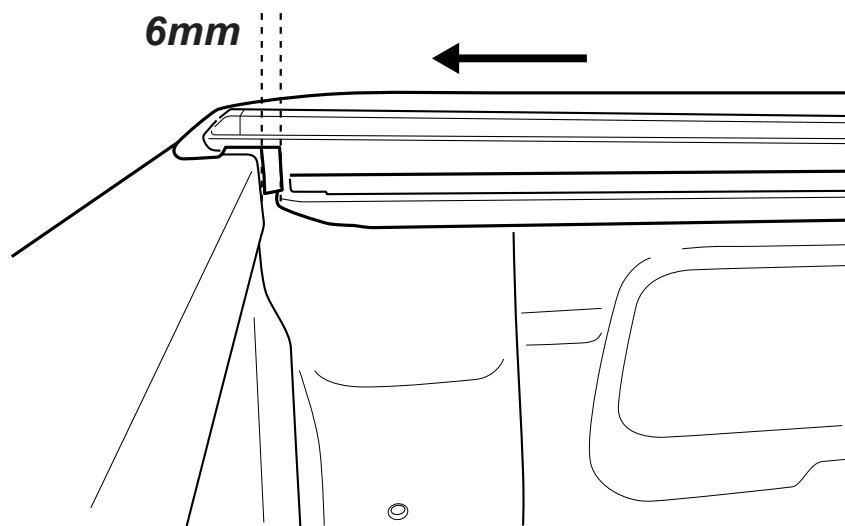
To the locations indicated below position clamp behind the inner top lip of the bed rail and the center elongated hole of the side rail mounting brackets. Repeat to other side.



With the tailgate up (Closed position), Pull left & right hand side rails towards the tailgate, stopping short by 6mm between tailgate and side-rail end-cap. Repeat to other side.



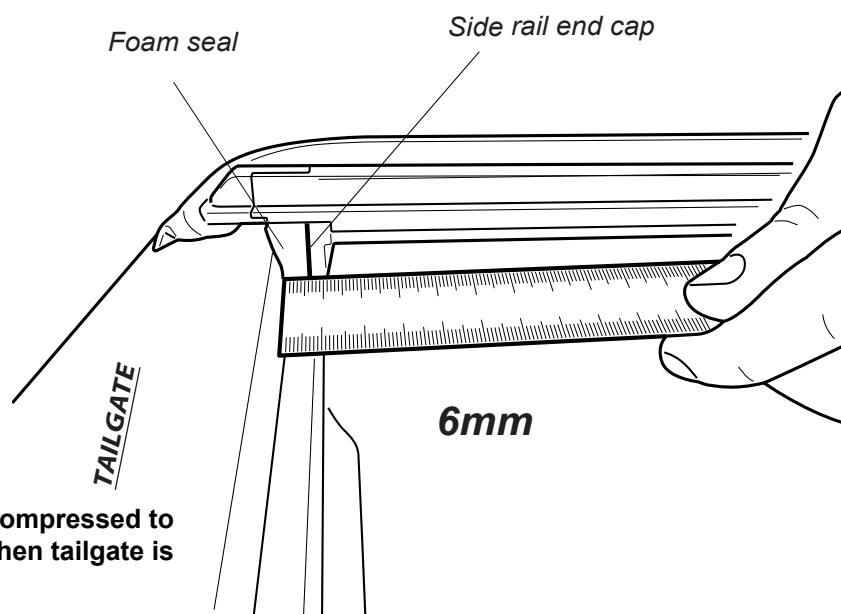
Foam compressed to 5mm when tailgate is closed.



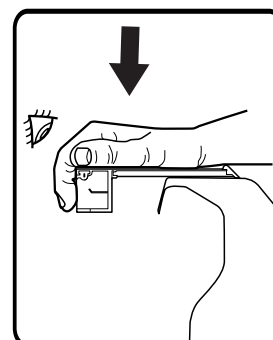
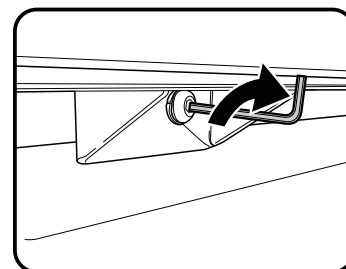
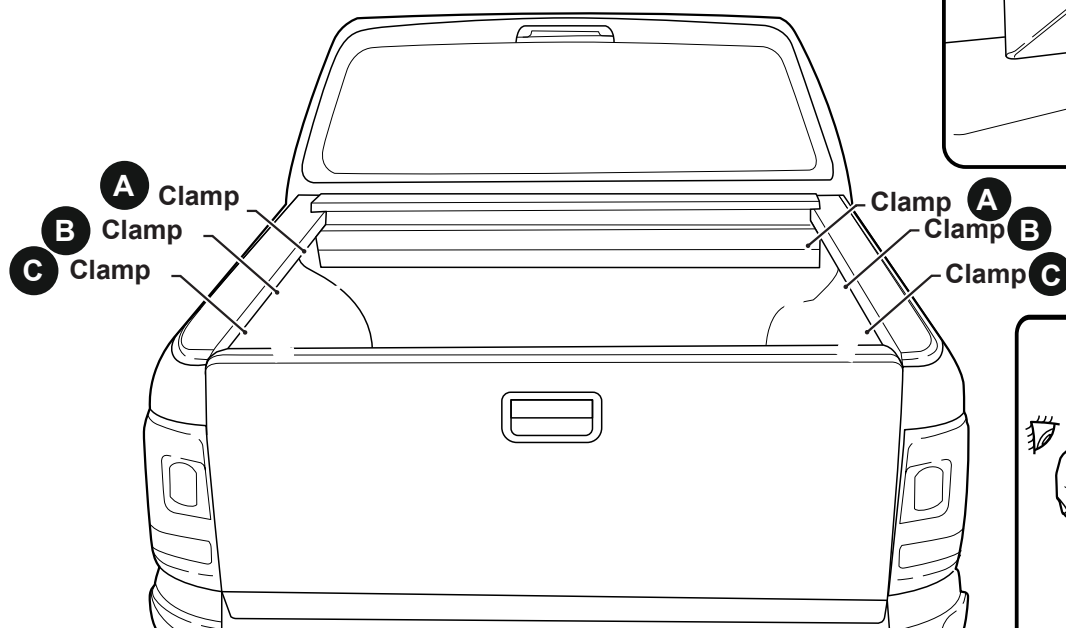
Gap between tailgate and side-rail end cap to be 5mm.



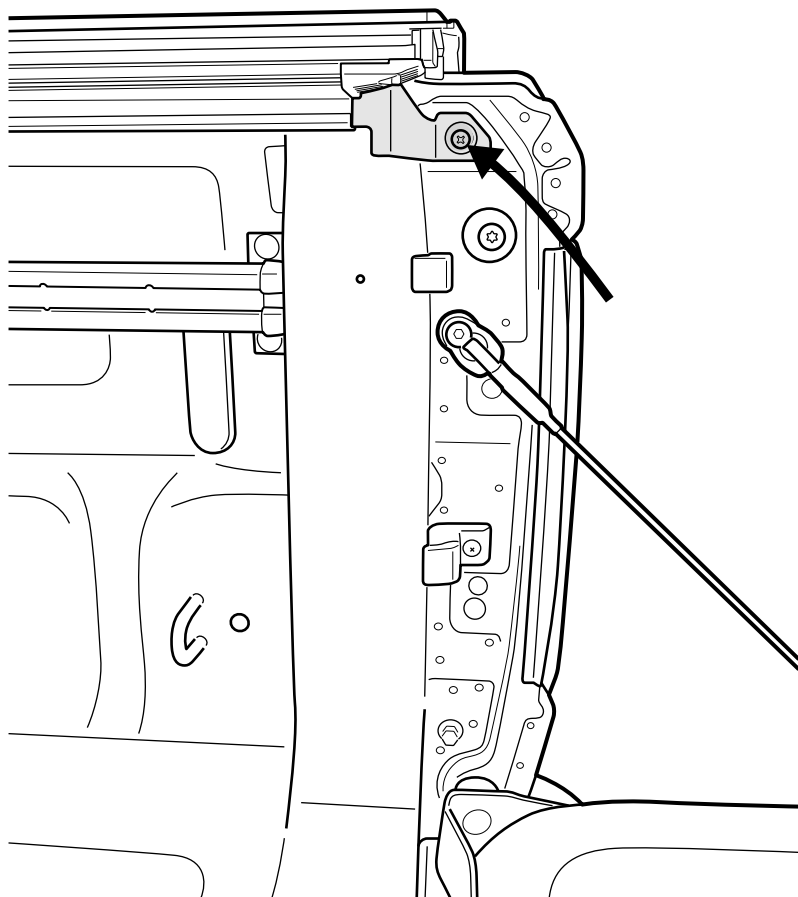
Foam compressed to 5mm when tailgate is closed.



1. Apply downward pressure on side rails.
2. Raise the clamp all the way up or as close to the top as possible, then securely fasten the clamp in the specified order (A) then (B) and then (C) to a torque of 14Nm.

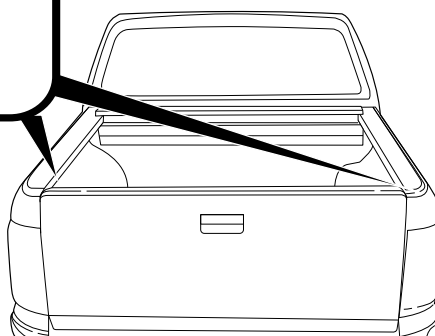
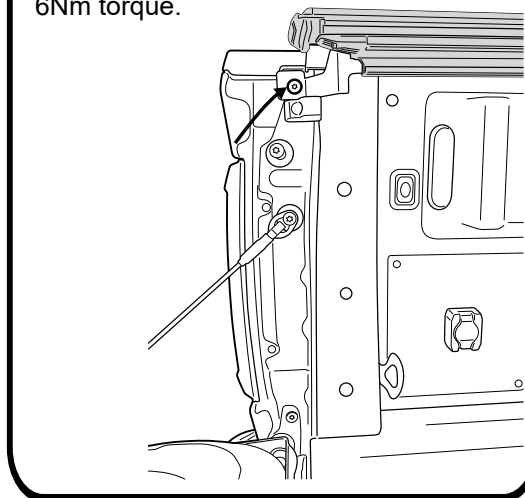
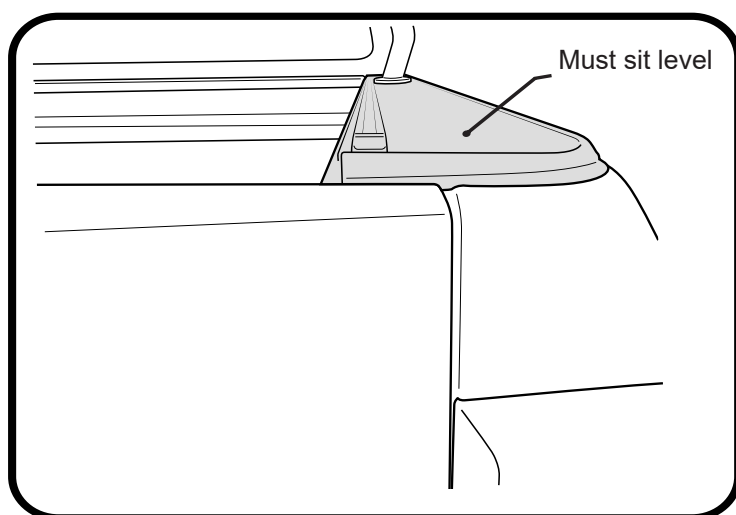


With the help of an assistant, apply gentle downward pressure to the side rail surface, causing slight compression of the outer side rail seal against the tub's top rail, while ensuring the side rail remains level. Next, securely tighten the indicated bolt to torque of 6Nm.



Side rail to sit level, side rail seal will sit below the top of the tailgate in the closed position.

If required the indicated bolt can be loosened to push the side rails further down or lift up. Fasten bolt to 6Nm torque.



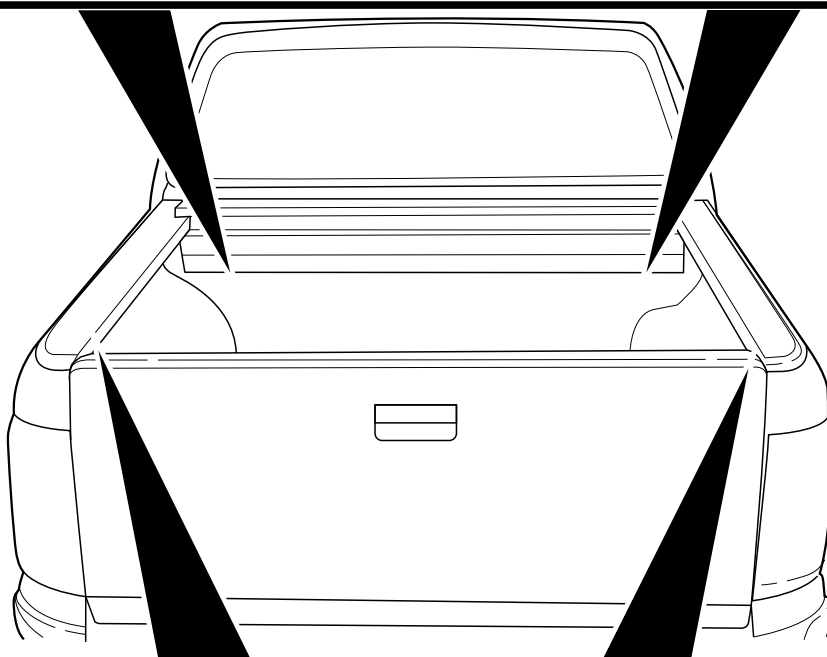
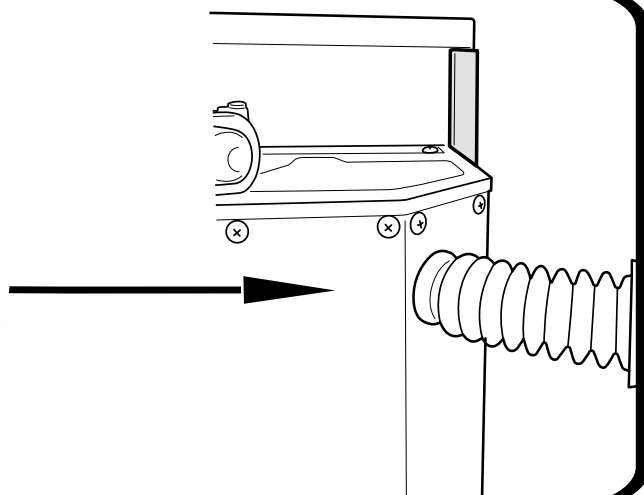
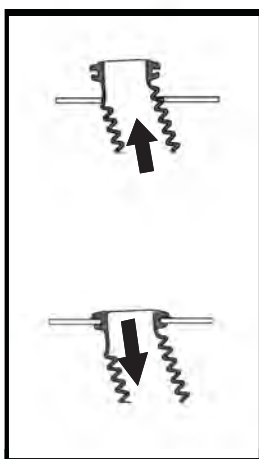
Install front drain pipes through pre-drilled holes of the canister. (RHS/LHS)



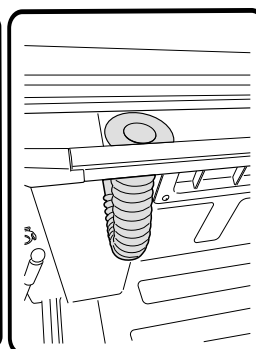
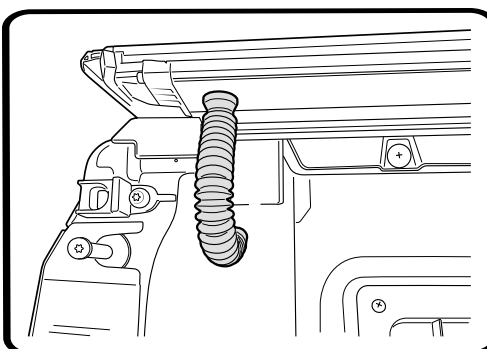
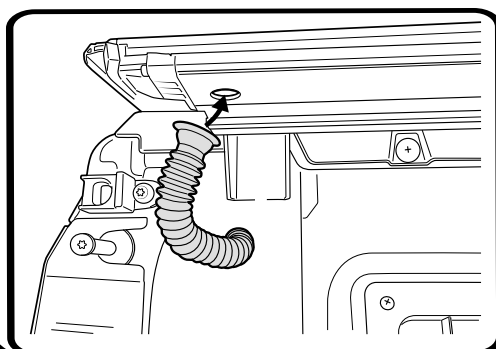
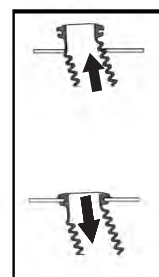
Note: With care push tube in. Gently pull the tube back so it seals correctly against the front panel of the tub.



VISUAL TIP



Note: With care push rear pipe in. Gently pull the pipe back so it seals correctly within the side rail channel.

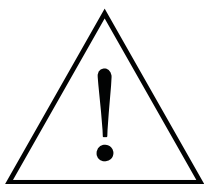
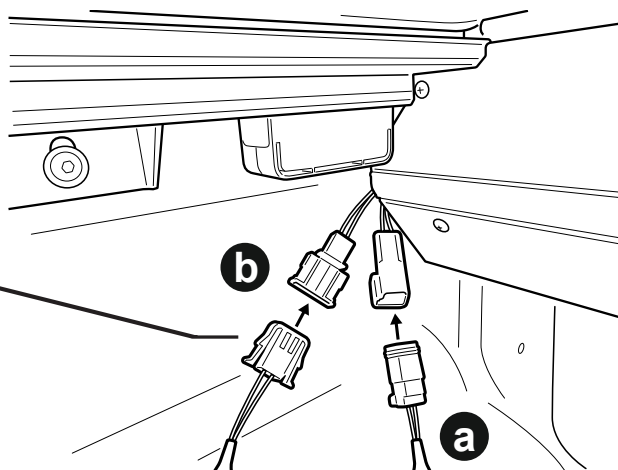


Install rear drain pipes through pre-drilled holes of the siderails. (RHS/LHS)

- a. Connect Battery loom S2.75 to Receiver loom.
- b. **Carefully** connect CI-Loom-short to Receiver loom.



Align connectors carefully to avoid pushing pins out.



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.

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.

