

# INSTALLATION INSTRUCTIONS

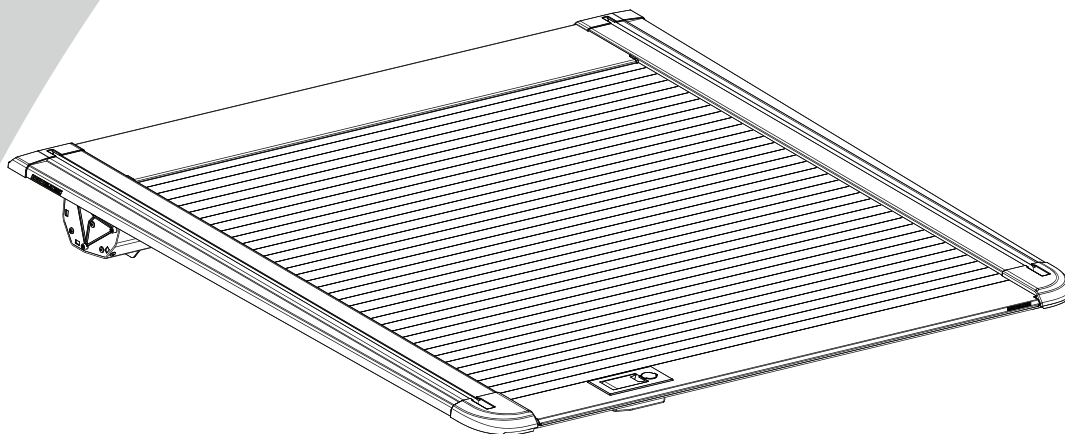
# **EGR *ROLLTRAC***

## MANUAL

**Vehicle model:** RAM DT&DS/2500 6.5ft Bed LHD & RHD (New Body Style)  
(Excludes models with RAMBOX® or other options / accessories that would affect RollTrac fitment)

**Year of Manufacture:** MY 2019 Onwards

**Part Number:** RT040033ML



Installation time: 120 minutes

### Caution

- Do not attach EGR RollTrac in a location or by a method not specified.
- Do not use this product for any vehicle make or model, other than those specified in this document.
- Do not remove the plaque or label from this product.
- Do not modify the structure of the EGR RollTrac in any way.

### General Notes

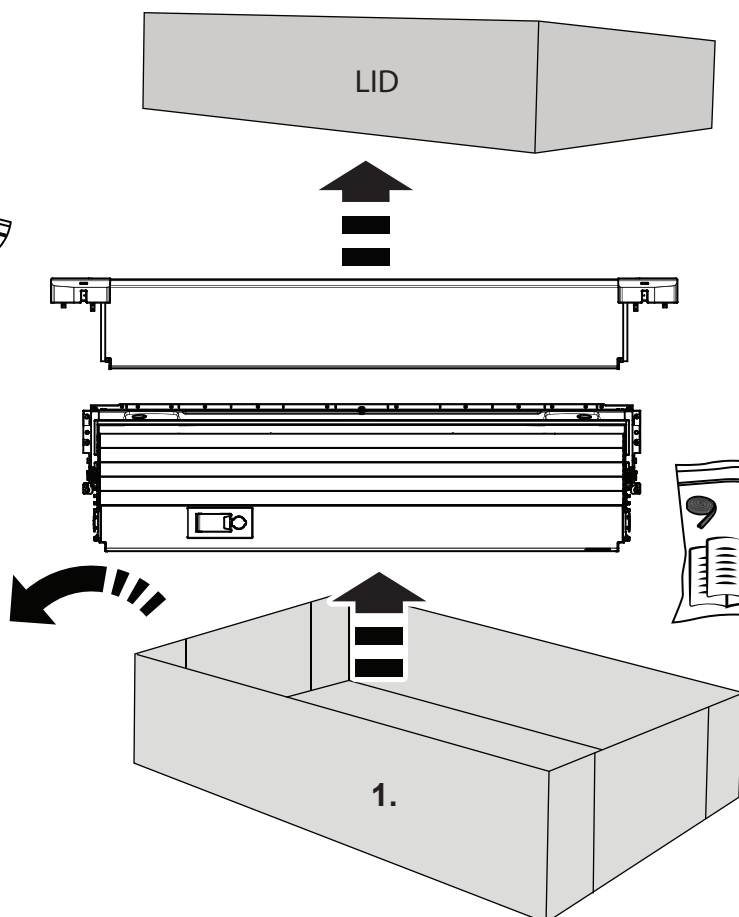
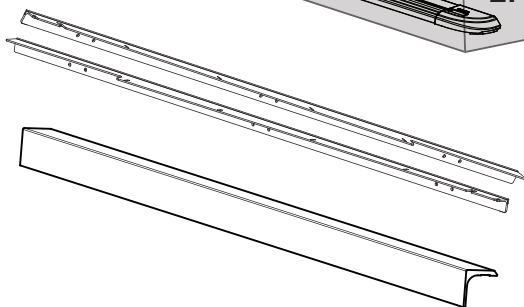
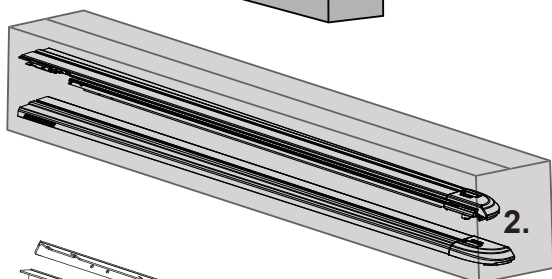
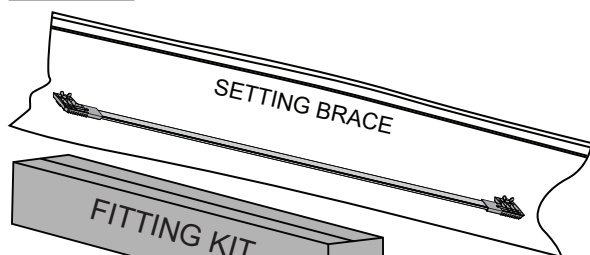
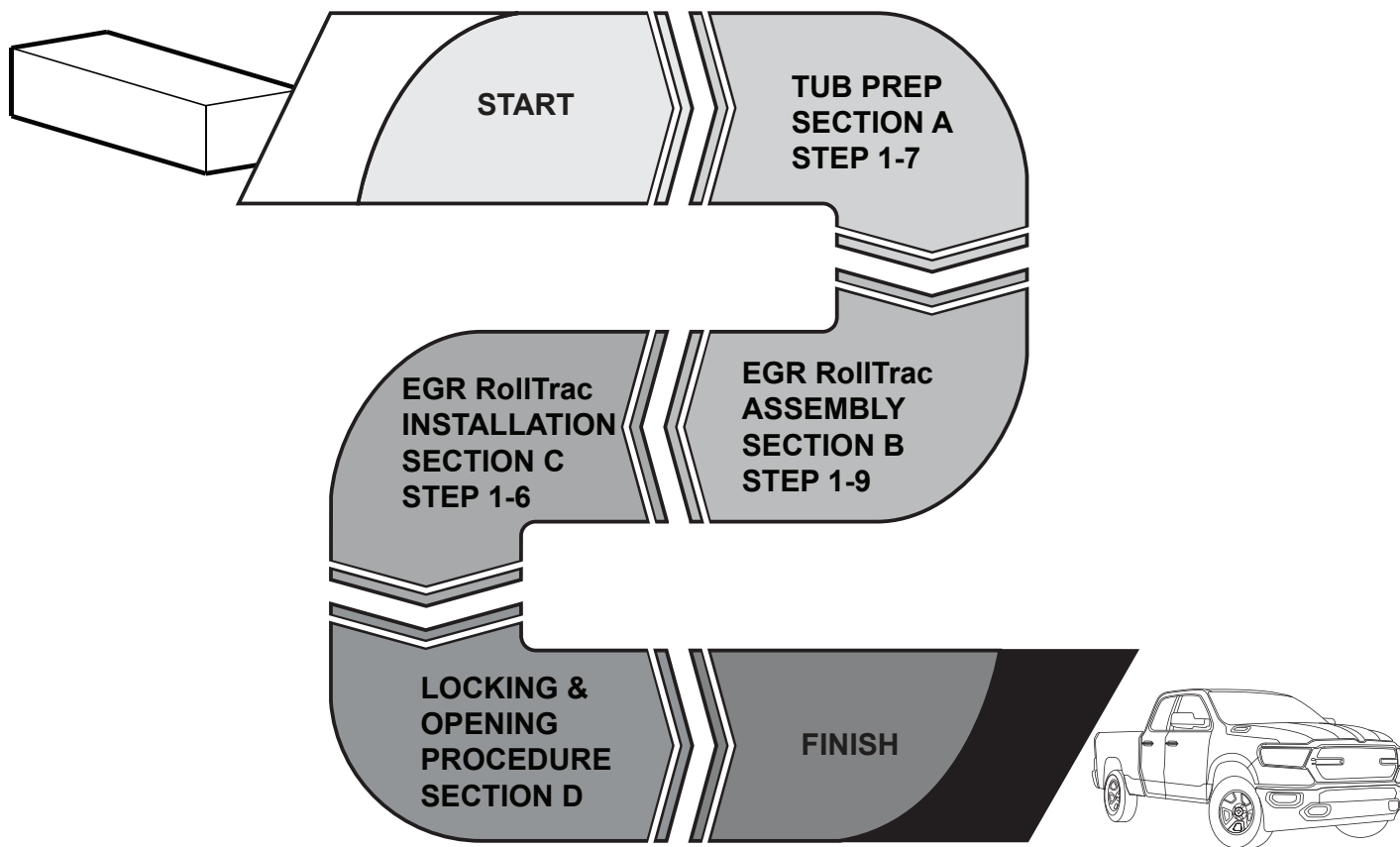
- Read through the fitting instructions before installation of EGR RollTrac.
- Always install the accessory following the fitting instructions. Failure to do so may cause damage to the vehicle or the accessory.
- Ensure all recyclable discarded vehicle accessory components and packaging are recycled following local recycling regulations.
- It is always recommended that this accessory is fitted by a qualified Technician.
- Safely store and protect any removed vehicle components.
- Ensure all bare metal surfaces are protected using Automotive Bare Metal Primer and touch-up paint.
- Remove all metal swarf and dust from all vehicle surfaces if surface is used for accessory installation.



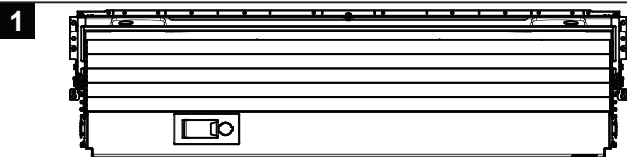
### Safety Notes

- Check that all work practices comply with safety standards.
- Please wear appropriate clothing and use safety equipment.

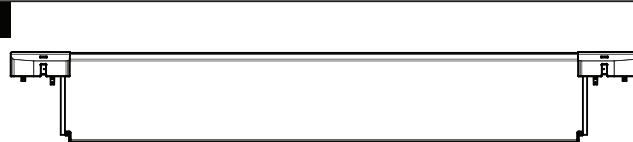




## KIT CONTENTS - COMPONENT NUMBER AND QUANTITY



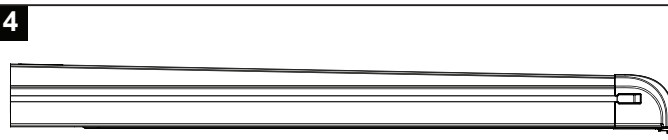
CANISTER ASM. QTY: 1



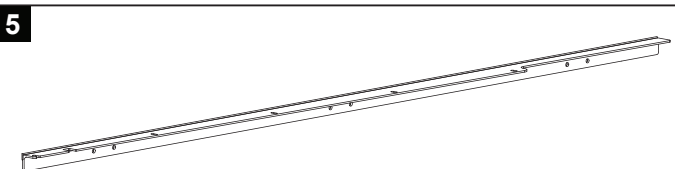
FRONT COVER QTY: 1



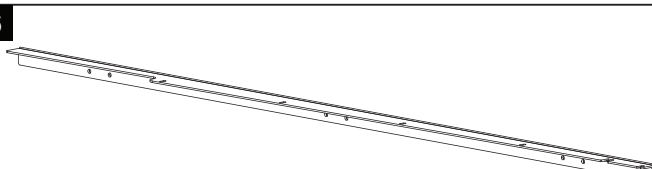
LHS RAIL QTY: 1



LHS RAIL QTY: 1

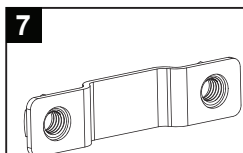


LHS MOUNT EXTRUSION QTY: 1

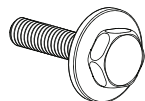


RHS MOUNT EXTRUSION QTY: 1

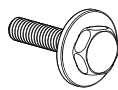
## EGR RollTrac FITTING KIT IN BOX



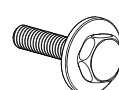
CLIP3703BL  
M8 PLATE  
QTY: 6



SCRW0949-1  
SCREW M8x25  
QTY: 12



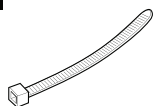
SCRW1001  
SCREW M6x15  
QTY: 8



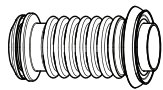
SCRW0997  
SCREW M6x20  
QTY: 2



SCRW0973  
SCREW M6x15MM  
QTY: 13



CONS70097  
CABLE TIE  
QTY: 10



FRONT DRAINAGE  
TUBE  
MISC5222  
QTY: 2

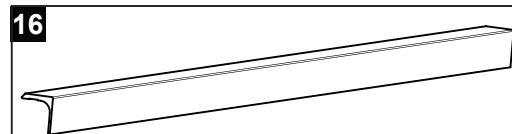


REAR DRAINAGE TUBE KIT  
KIT037458  
QTY: 2

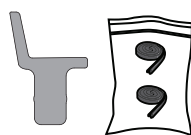
## SETTING BRACE



## EGR RollTrac FITTING KIT ADDITIONAL ITEMS



RUBBER EXTRUSION  
QTY: 1



RUBBER  
EXTRUSION  
QTY: 2



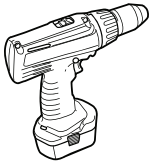
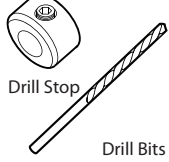
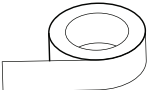
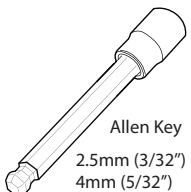
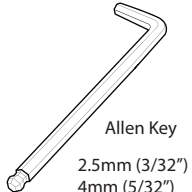
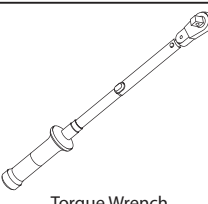
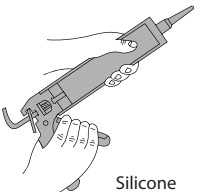
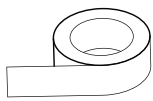
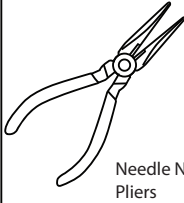
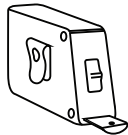
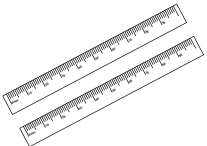
SHIM  
(WASH0289)  
QTY: 16

OWNERS  
MANUAL  
INSTALLATION  
INSTRUCTIONS





## TOOLS REQUIRED - NOT SUPPLIED IN KIT

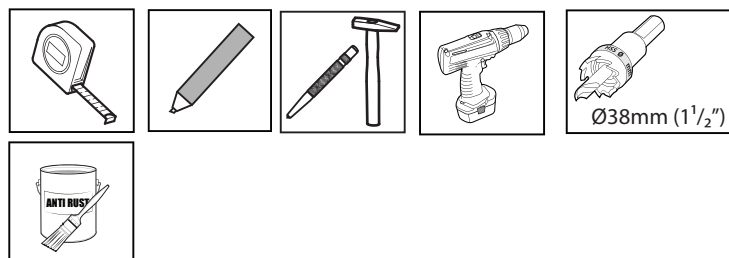
|                                                                                                                                                         |                                                                                                                                  |                                                                                                                                |                                                                                                                                  |                                                                                                       |                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| <br>Drill                                                              | <br>Holesaw<br>Ø29mm (1 1/8")<br>Ø38mm (1 1/2") | <br>Centre Punch & Hammer                     | <br>Drill Stop<br>Drill Bits<br>Ø5mm (3/16")    | <br>Scissors       | <br>Masking Tape<br>Fiberglass Tape<br>Black Cloth Tape |
| <br>Ratchet & Sockets<br>7mm (9/32")<br>10mm (25/64")<br>13mm (33/64") | <br>Allen Key<br>2.5mm (3/32")<br>4mm (5/32")   | <br>Allen Key<br>2.5mm (3/32")<br>4mm (5/32") | <br>Torque Wrench                              | <br>Side Cutters   | <br>Soapy Water                                         |
| <br>50/50<br>Isopropyl Alcohol/Water                                   | <br>ANTI RUST<br>Rust Inhibitor                 | <br>Silicone                                  | <br>Anti-abresion tape to seal<br>holes & slots | <br>Silicone Spray | <br>Needle Nose<br>Pliers                               |
| <br>METRIC Tape Measure                                                | <br>Ruler x2                                    | <p>3M Primer 94 (preferred) or equivalent</p>                                                                                  |                                                                                                                                  |                                                                                                       |                                                                                                                                            |

### GLOSSARY:

- 1** Number inside a square indicate part number
- 1** Number inside circle indicate the sequence within a step
- 1** Number inside the hexagon indicate torque instruction

## SECTION A

## BED PREPARATION

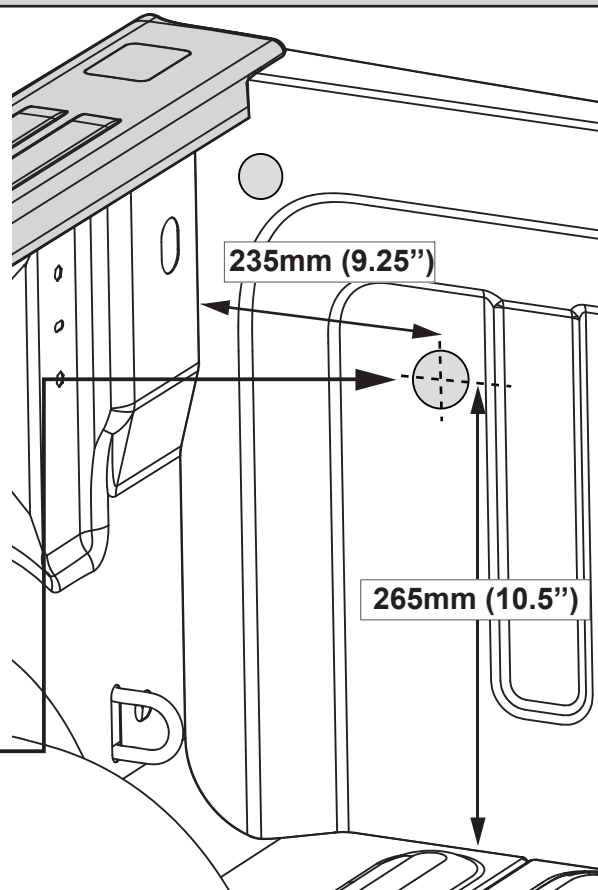
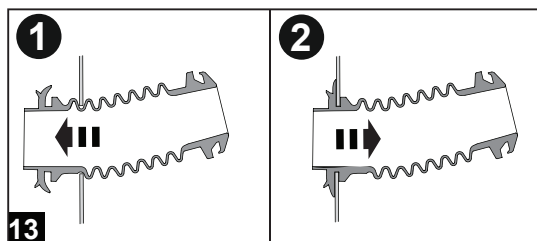


### HOLES FOR FRONT DRAIN TUBES RHS & LHS



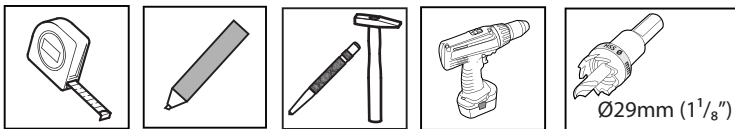
Ensure that the diameter of the hole does not exceed Ø38mm (1 1/2"). Larger hole size will lead to water ingress into the bed

### INSTALL FRONT DRAIN TUBES TO BED



- 1** Mark the position of the front drain tube holes in the bed front panel and drill with Ø38mm (1 1/2") holesaw. LHS shown, repeat on the RHS. Clean all burrs and coat the exposed metal with a suitable rust preventative (not supplied). Fit front drain tubes (13).



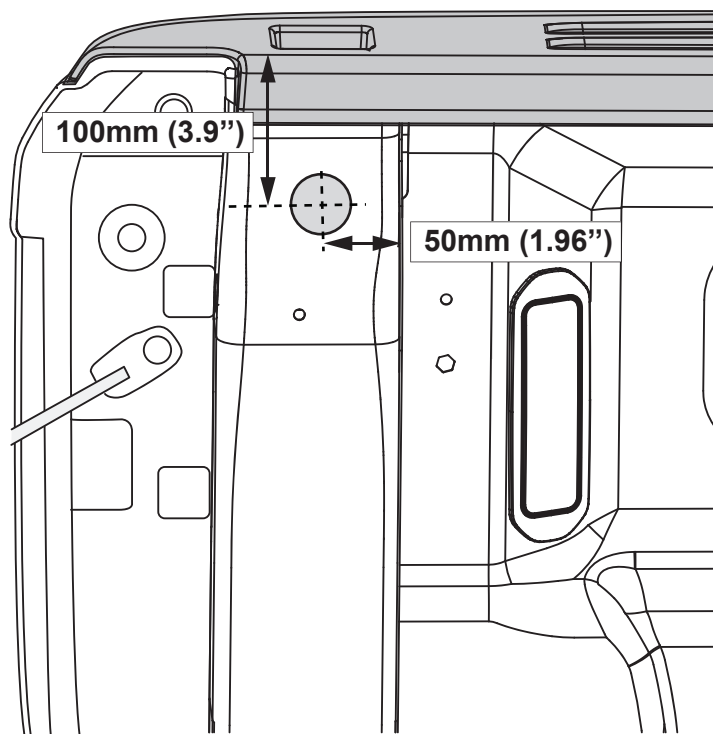


## HOLES FOR REAR DRAIN TUBES RHS & LHS

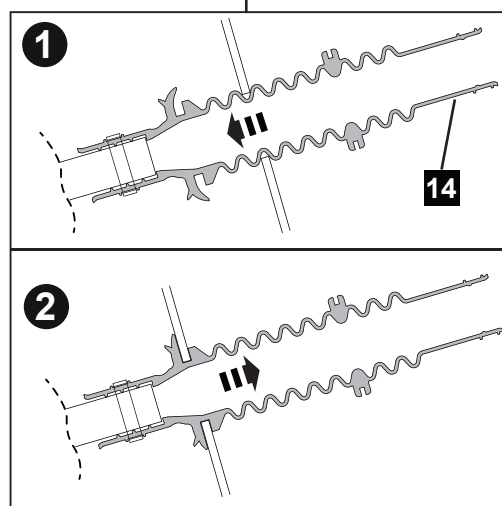
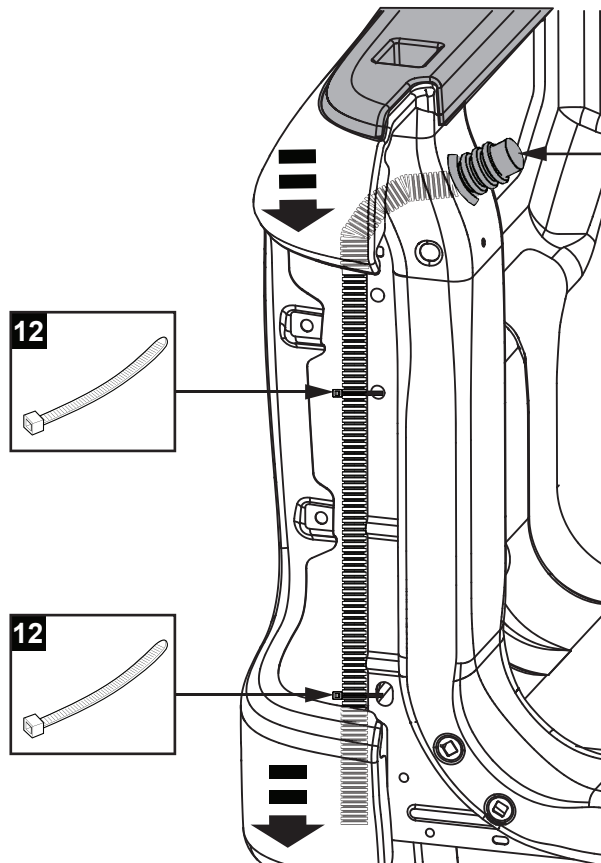
### ATTENTION



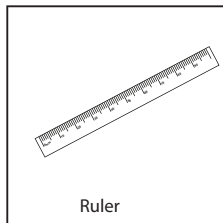
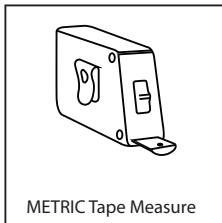
Ensure that the diameter of the hole does not exceed  $\varnothing 29\text{mm}$  ( $1\frac{1}{8}$ " ). Larger hole size will lead to water ingress into the bed



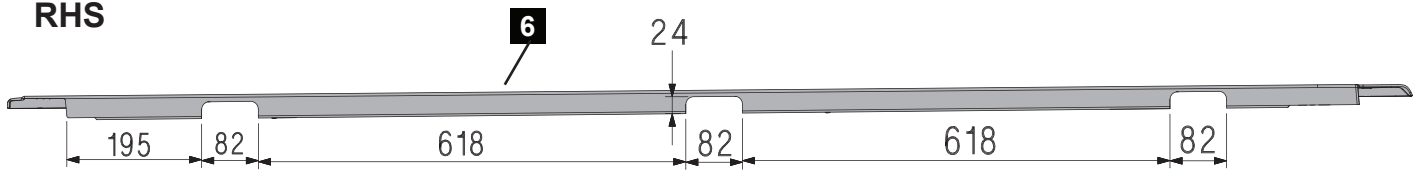
- 2** Mark the position of the rear drain tube holes in the bed rear panel and drill with  $\varnothing 29\text{mm}$  ( $1\frac{1}{8}$ " ) holesaw. LHS shown, repeat on the RHS. Clean all burrs and coat the exposed metal with a suitable rust preventative (not supplied).



- 3** Feed the rear drain tube into the drilled hole. Guide the plastic tube inside the tail light cavity towards the ground. Push the rubber tube in until it sits firmly in the hole. Secure the drain tube (14) to the sheet metal inside the tail light cavity using 2 cable ties (12). Refit Rear Tail Lamps.

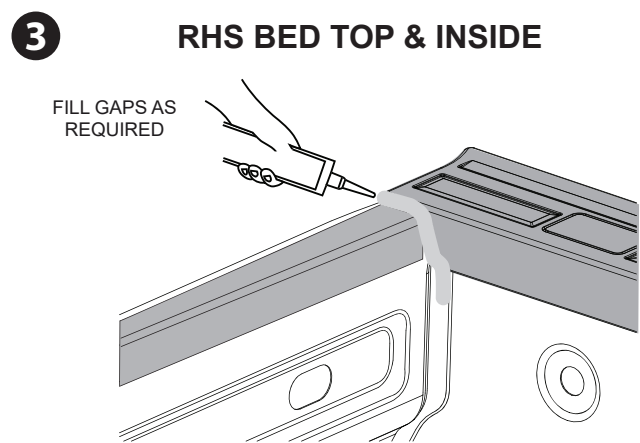
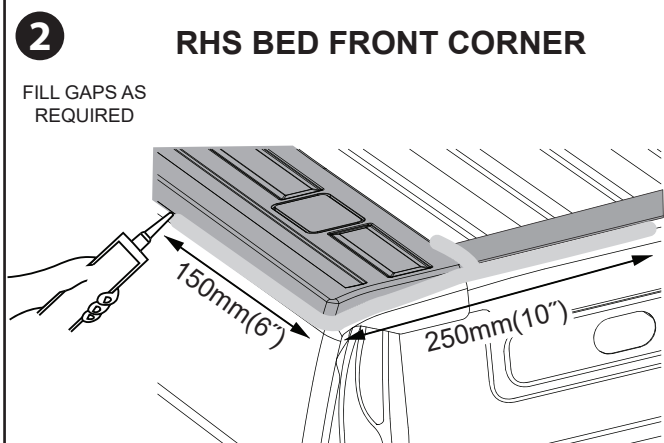
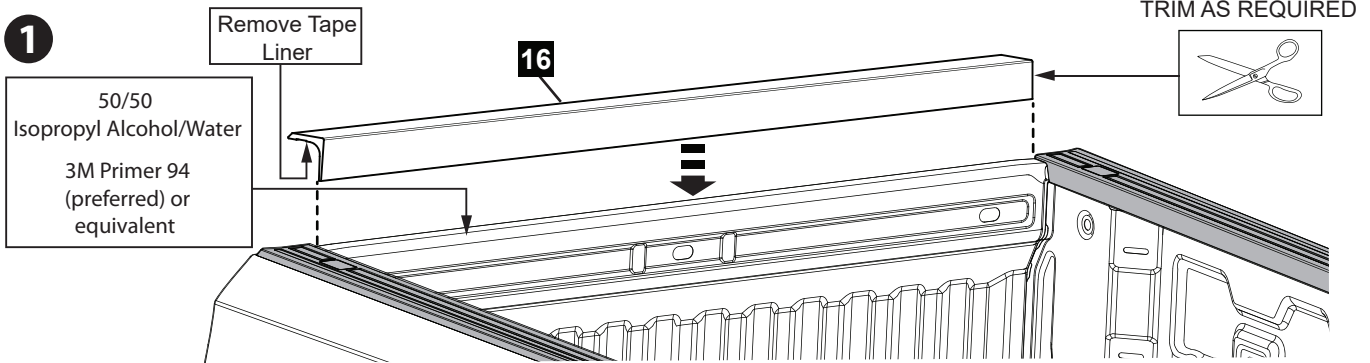


**RHS**

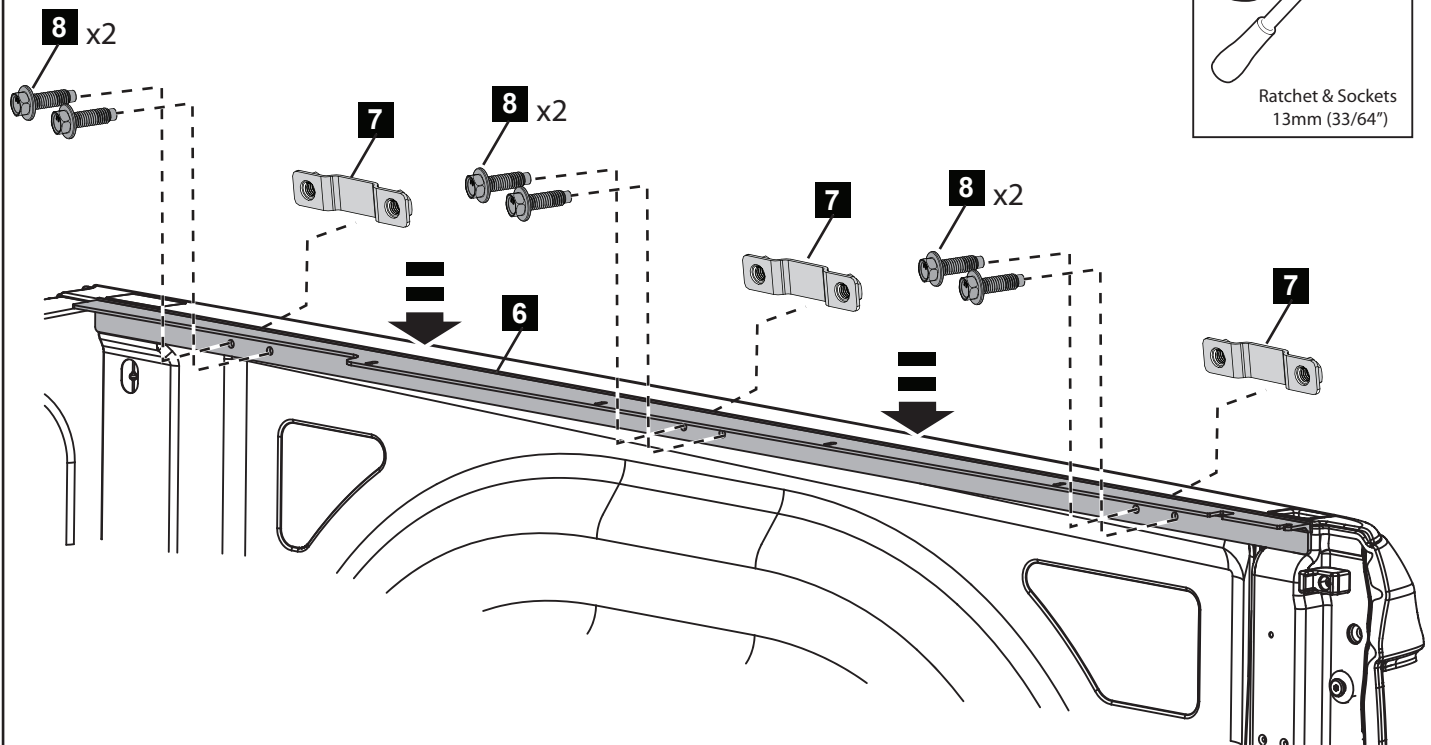


**FRONT**

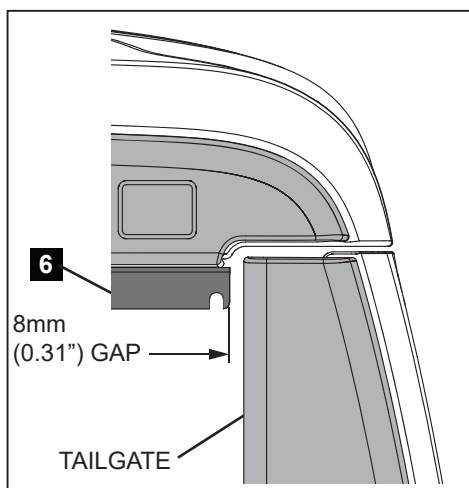
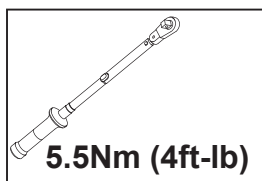
- 4** Mark the bed cup (6), (RHS shown) with a pen as shown. Trim the bed Cup along the marked line on the inside face. Deburr and clean the edges. Repeat for LHS.  
NOTE: Remove the bed cap if necessary to help with trimming.



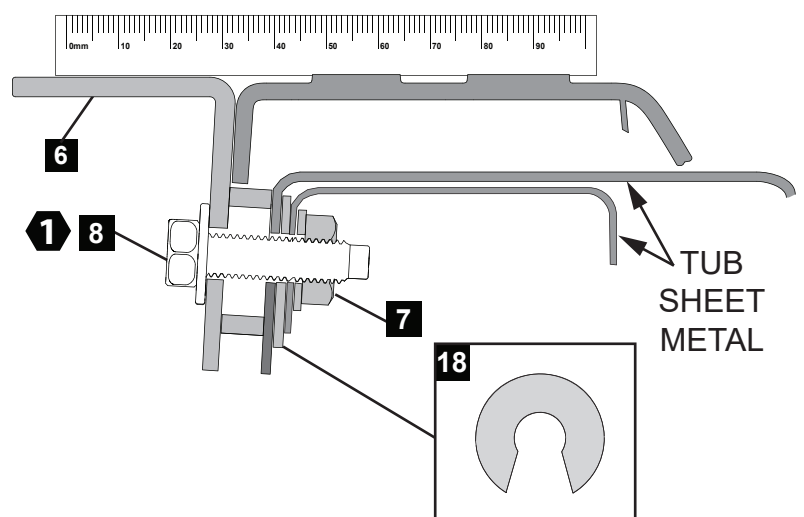
- 5** Clean the front top of the bed using Isopropyl Alcohol/Water mix and apply primer to the top area. Allow to dry. Place the extrusion (16) on front of the vehicle bed, check the length and trim to full width if required. Pre-peel 50mm (2") of the tape liner from one end of the Rubber Extrusion (16). Place the Rubber Extrusion on top of the bed as shown and centralise. Once in position, peel the liner and apply firm pressure from the top. Silicone the gap between the panels as shown on both sides. NOTE: Holes in the bed should be sealed with Silicone to prevent dust and water ingress as required.



- 6** Fit the RHS mount extrusion (6) to the bed as shown and loosely secure with screws (8) and M8 plates (7).



## BRACKET/TUB SECTION



- 8** Set front / back position of the mount extrusion (6) relative to the tailgate (8mm (0.31") gap) as shown in top view. Set the vertical position of mounting extrusion by adjusting the extrusion relative to the bedcap (ensuring parts are held level).
- IMPORTANT:** To ensure stability of the mount extrusion (6) during installation to the vehicle, use the provided shims (18) at each of the bolt's locations. Insert shims (18) between the vehicles side inner & outer bed-cap sheet metals (per fastener) as required shown in section above, this will ensure correct tension to the bolt. Once in position torque all the screws (8) to 5.5Nm.

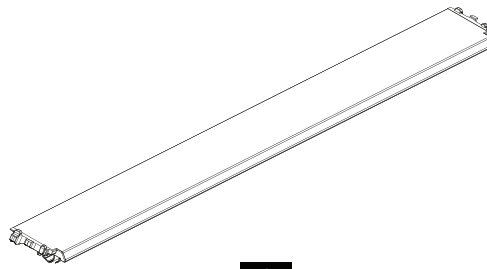


# IMPORTANT



## HAND RAIL ATTACHMENT

### PARTS:

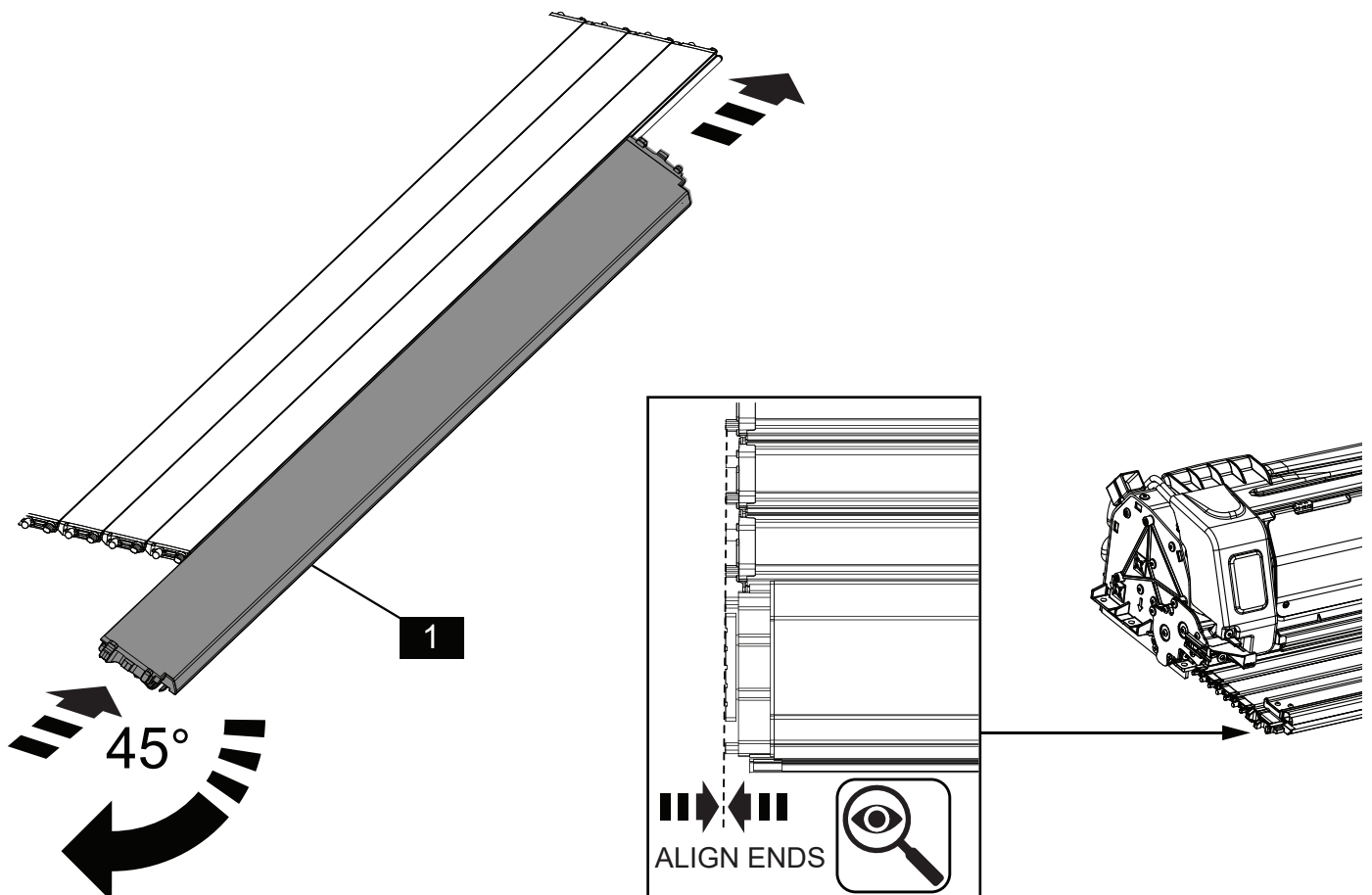


1

Hand Rail  
QTY-1

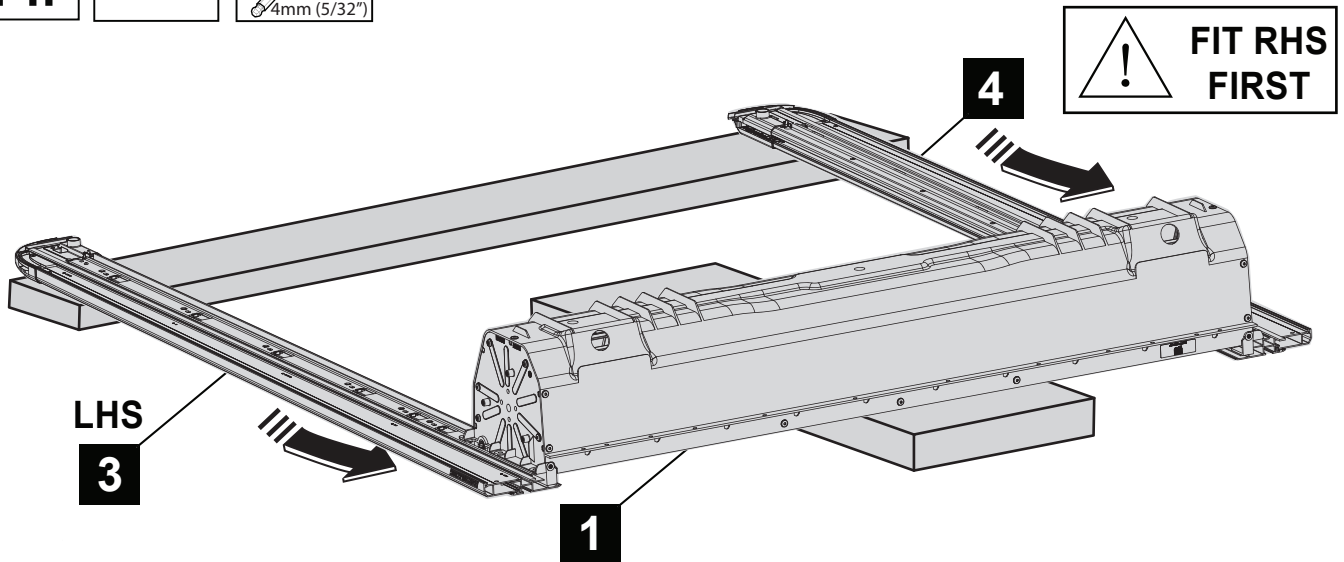
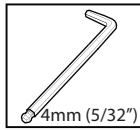
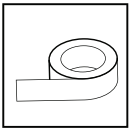
### INSTALLATION STEP:

Place hand rail onto slat assembly by turning approximately 45 degrees down and inserting it as shown.





DURING ASSEMBLY PROCEDURE SUPPORT AT CENTER OF CANISTER ONLY,  
PLACE ON TOP AND BASE CARTON (OR SIMILAR), COVER WITH FOAM BLANKET.  
TO AVOID SCRATCHING POWDERCOATED SURFACES.



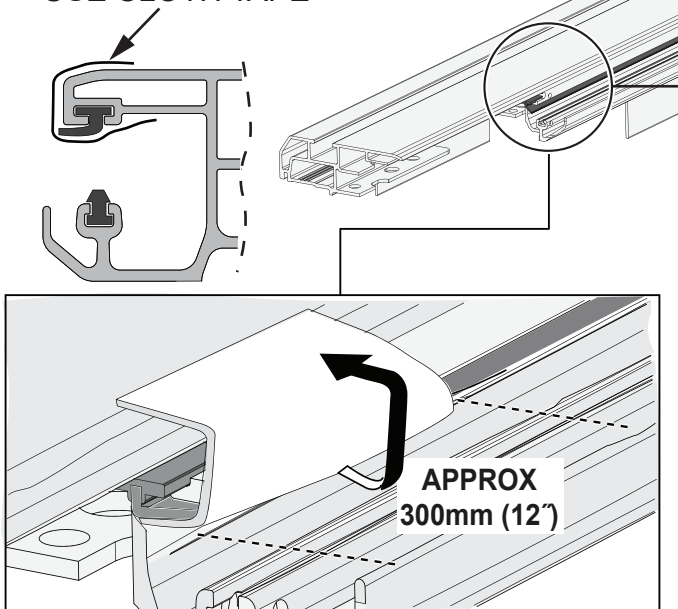
1



ATTENTION: SEAL MUST FACE IN THE  
DIRECTION AS SHOWN. WARRANTY VOID IF  
ASSEMBLED INCORRECTLY.

HOLD SEAL FLAT  
USE CLOTH TAPE

RHS SHOWN



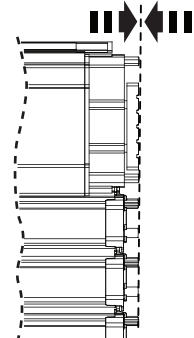
2



ATTENTION: EXPOSE 3 SLATS PRIOR TO  
FITTING SIDE RAILS.



ENSURE ENDS ARE  
ALIGNED



ATTENTION: WIPE THE SEAL AND SIDE RAIL  
WITH WAX & GREASE REMOVAL TO ENSURE  
THE CLOTH TAPE WILL ADHERE TO THE SIDE  
RAIL AND SEAL

1

Place the canister (1) on two protected boxes as shown, ensure hand rail and slat ends are aligned. Tape up the seal on the Side Rail (3) as shown.

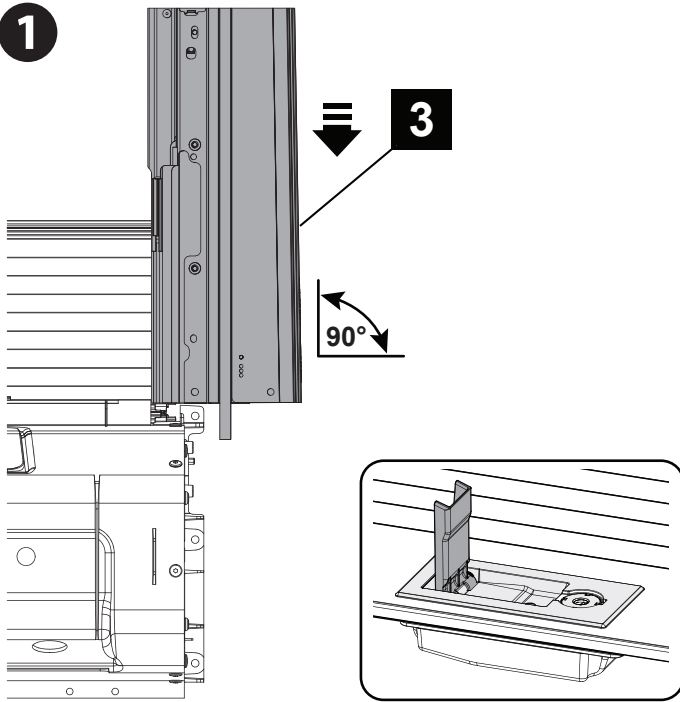
**IMPORTANT:** Carefully align and slide the rail over the handrail endcap and canister endplate taking particular care to ensure that the siderails are slid straight and no undue force is applied. Details in following steps.



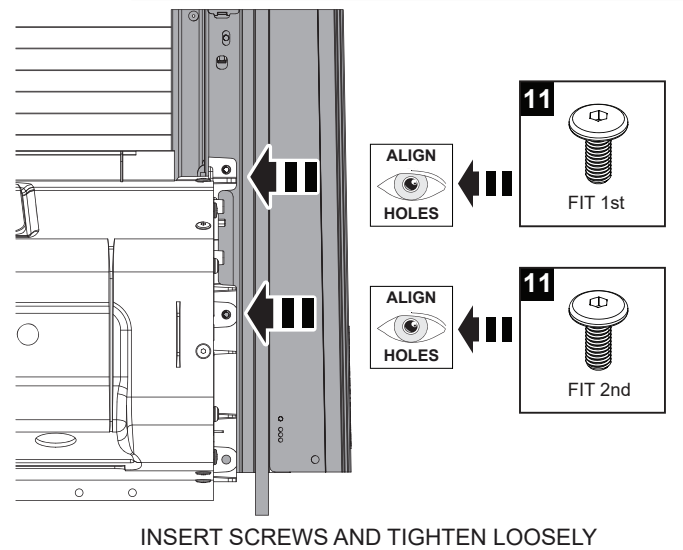
DURING ASSEMBLY PROCEDURE SUPPORT AT CENTER OF CANISTER ONLY.  
PLACE ON TOP AND BASE CARTON (OR SIMILAR), COVER WITH FOAM BLANKET TO  
AVOID SCRATCHING POWDERCOATED SURFACES.



1

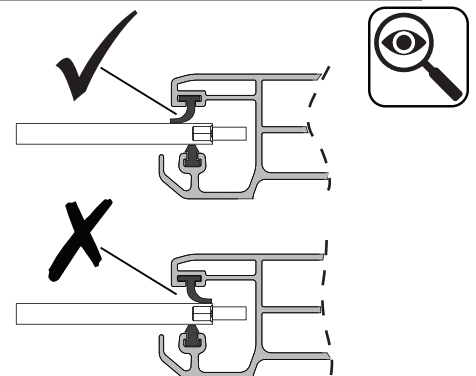
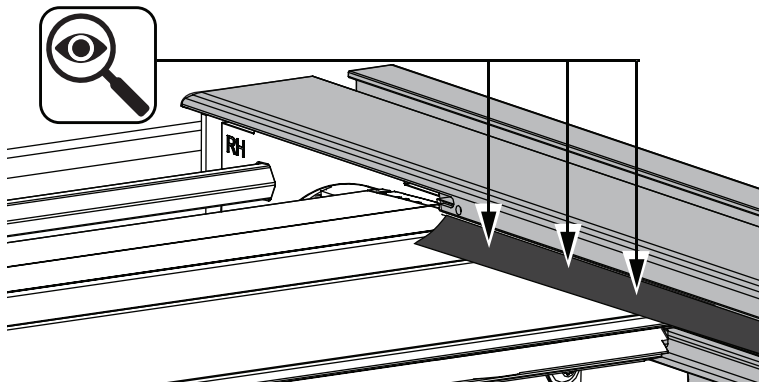
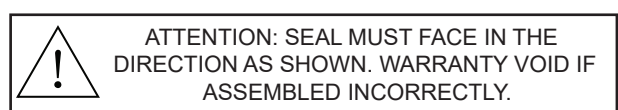
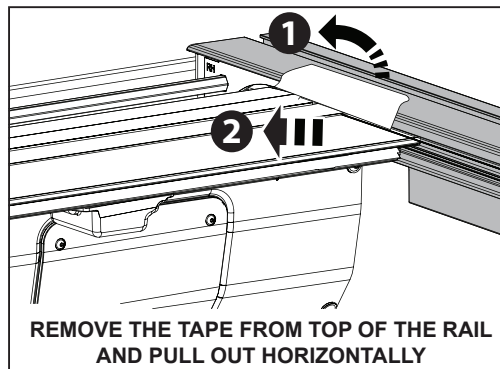
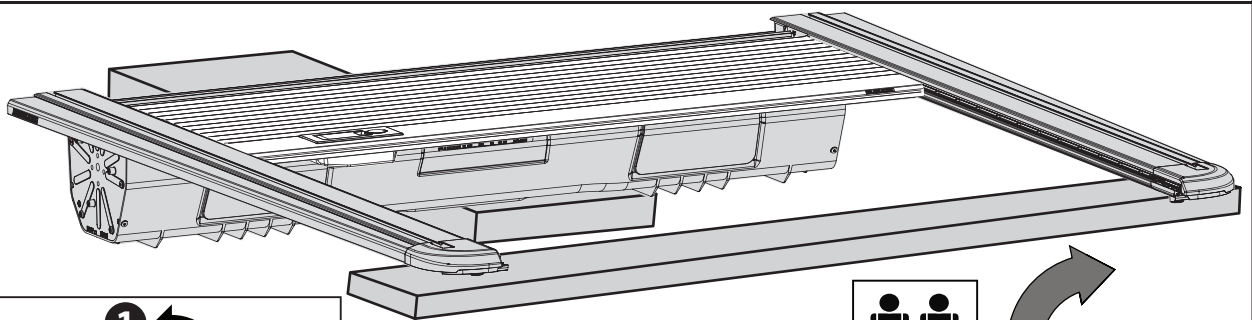


2



2

Pull hand rail to expose 3 slats. Fully open handle to retract brake pads. Slide the Rail over slat ends and onto endcap location pins. Align the holes and secure loosely with two screws (11). Do not tighten. Repeat for LHS Rail (4).



CHECK SEAL IS IN POSITION AND NOT DAMAGED

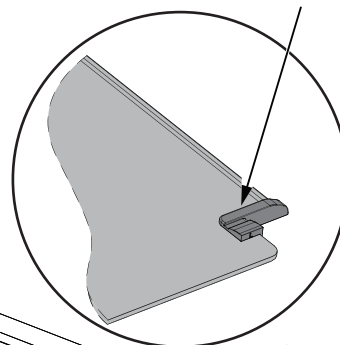
3

Carefully turn the assembly over and place onto a protected surface. Remove the tape holding the rubber seal and check the seal position as shown. Repeat for LHS Rail.





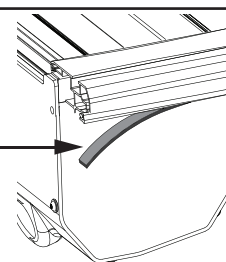
REMOVE TAPE SECURING  
THE RUBBER CORNER SEAL



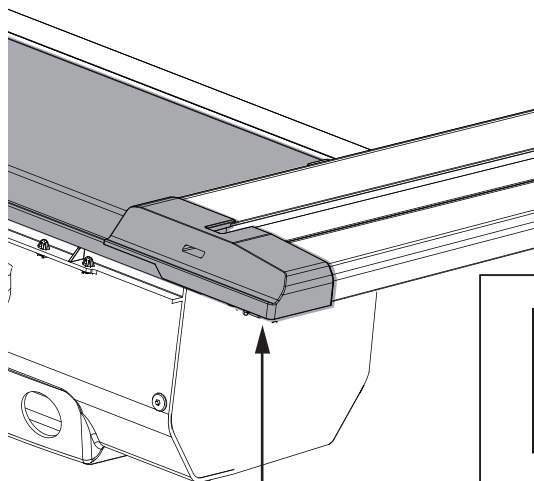
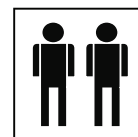
2



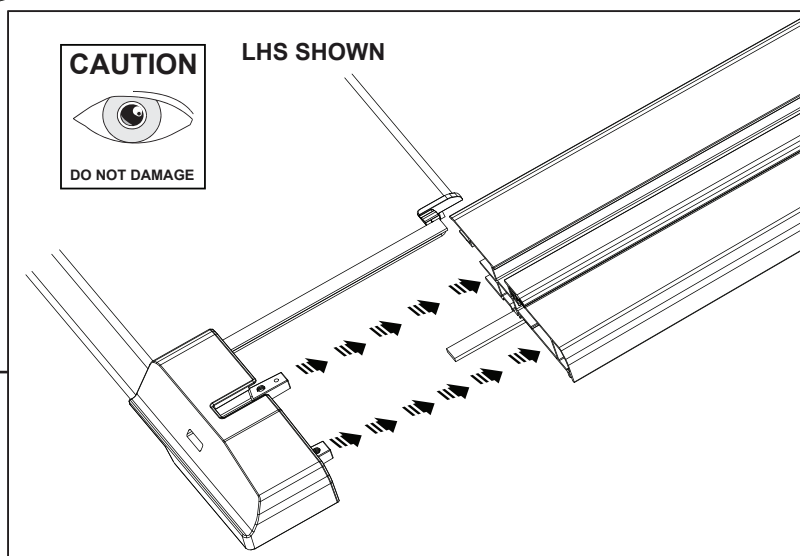
**ATTENTION:** Remove  
foam tape end from the  
side rail before fitting into  
front cover



- 4** Slide the Front Cover (2) over the canister and into the side rail channels ensuring that the foam side rail tape is pulled out of side rail and the small rubber corner seal on the RHS and LHS of the front plate are not damaged.  
**IMPORTANT:** Spray the front cover edge with soapy water to allow it to slide easily into the sides, twisting side rails outwards will also help.

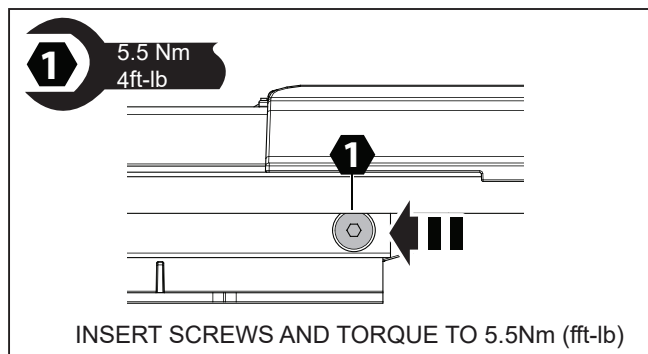
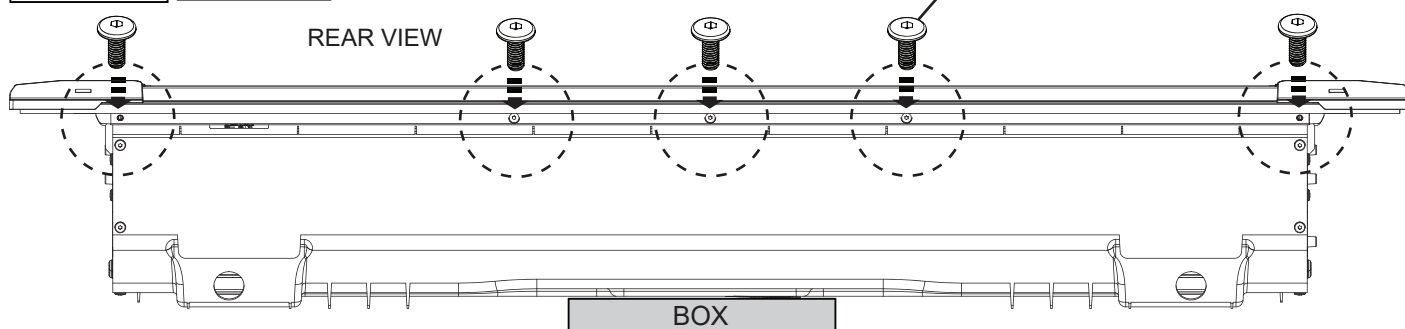
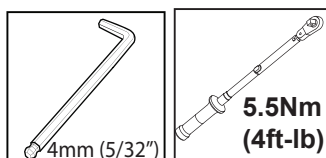


LHS SHOWN

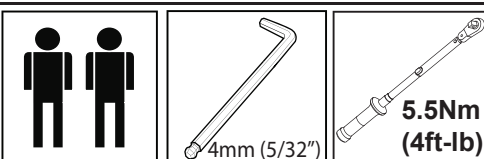


- 5** While sliding the front cover ensure the cast connectors are align.

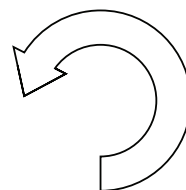




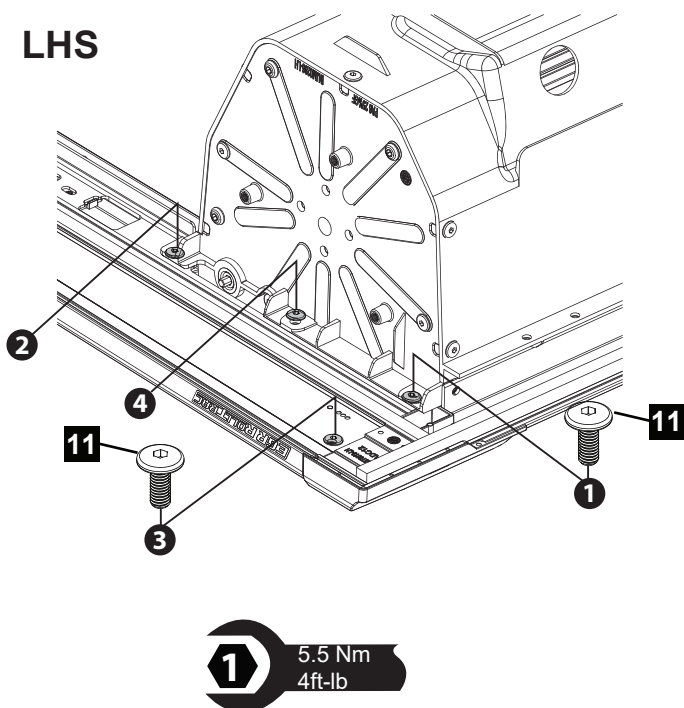
**6** Using the 5 screws (11) secure the Front Plate (2) to the Canister Assembly (1) and torque to 5.5Nm (4ft-lb).



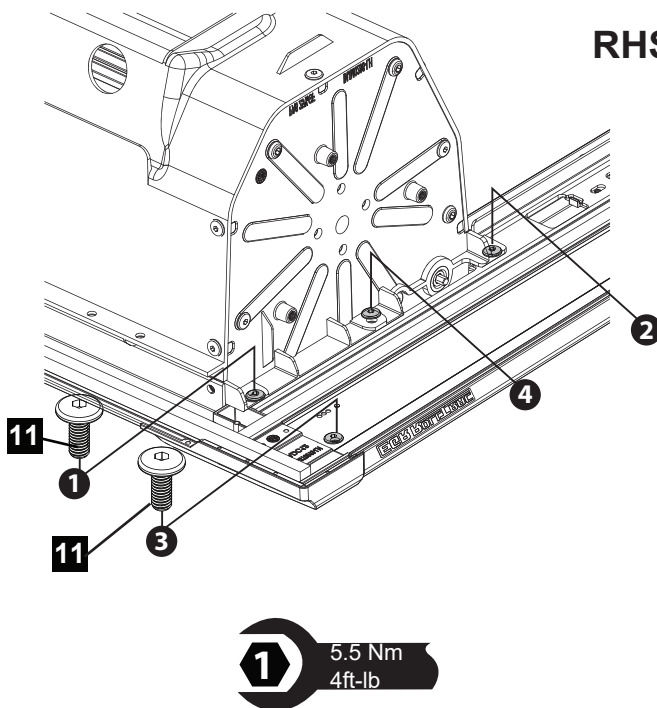
SIDE VIEW



LHS

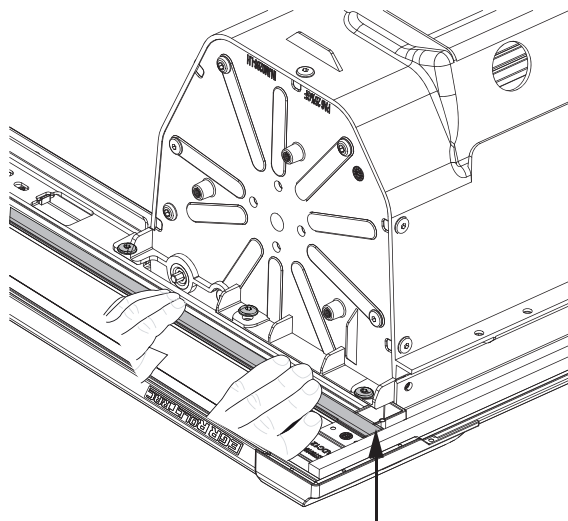
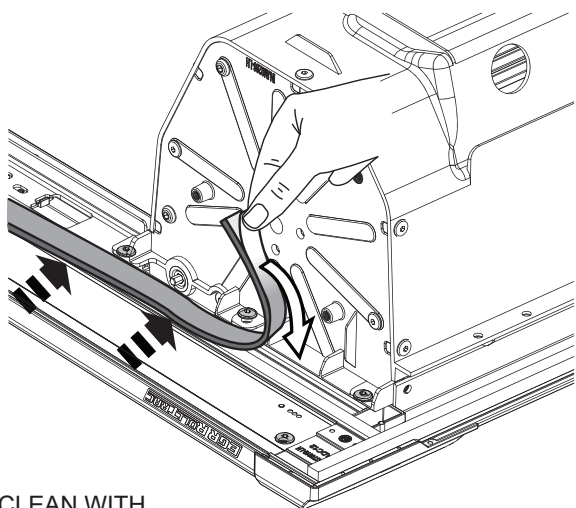


RHS

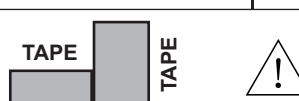
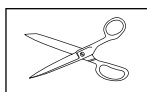


**7** Carefully flip the assembly over onto a flat protected surface which will not damage the cover or scratch the paint work. Install the 2 screws (11) on each side through the canister and side rail into front cover. Torque all screws in order shown to 5.5Nm (4ft-lb).

LHS SHOWN - RHS IS A MIRROR IMAGE



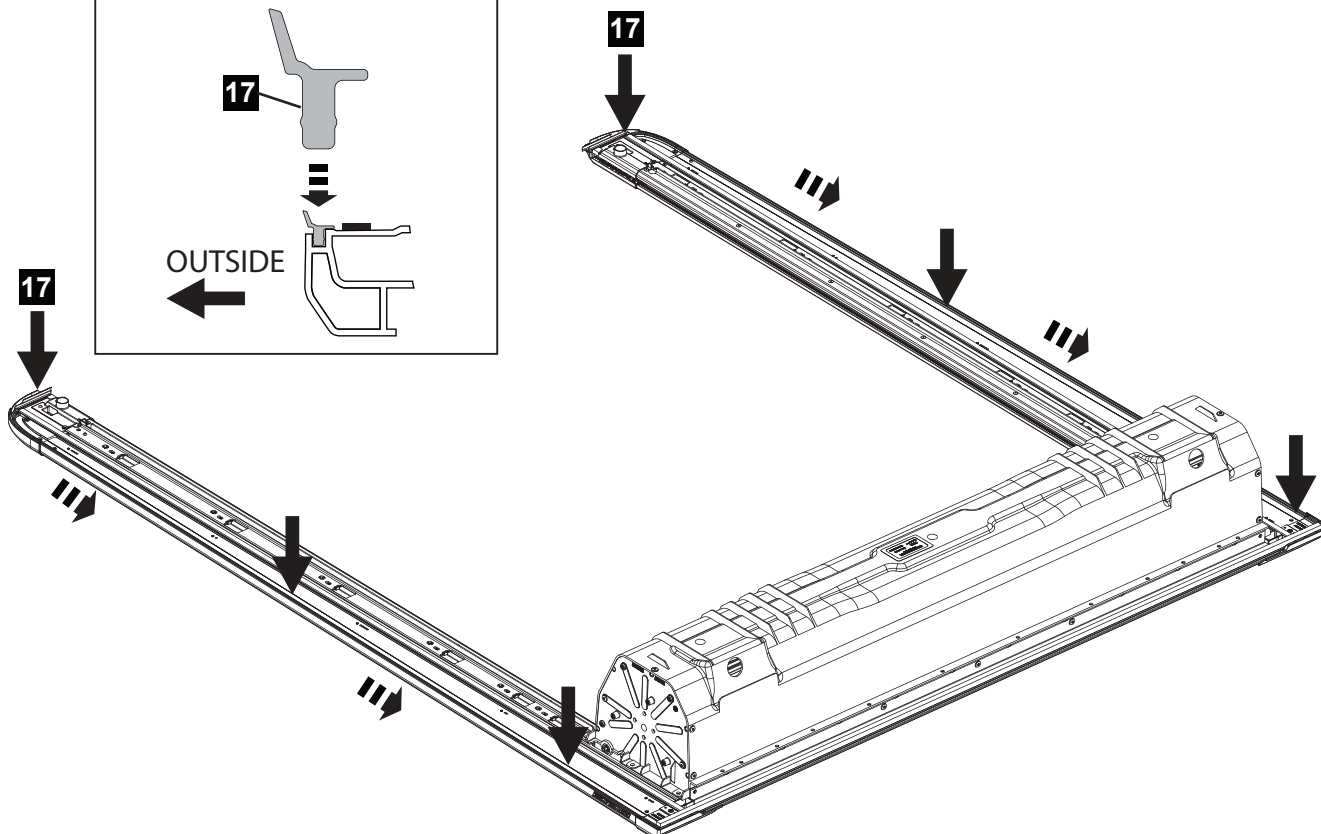
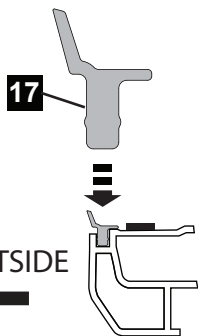
CLEAN WITH  
ALCOHOL FIRST



TAPES MUST CONTACT

- 8** Clean powder coated surface first with alcohol spray. Trim foam tape length to ensure the end will butt against front cover seal - avoiding any gap. Peel the protective liner from the foam tape, adhere to the channel in the side rail, Press down firmly to secure. Repeat on RH side rail.

INSTALL RUBBER SEAL  
TO SIDE RAILS

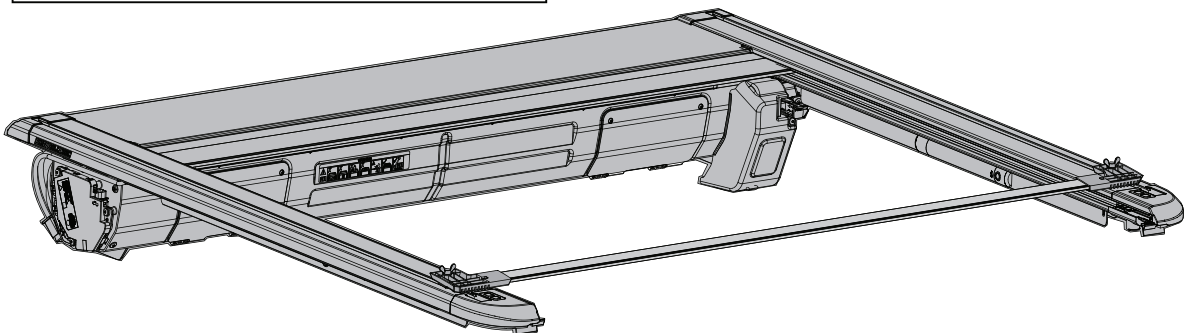
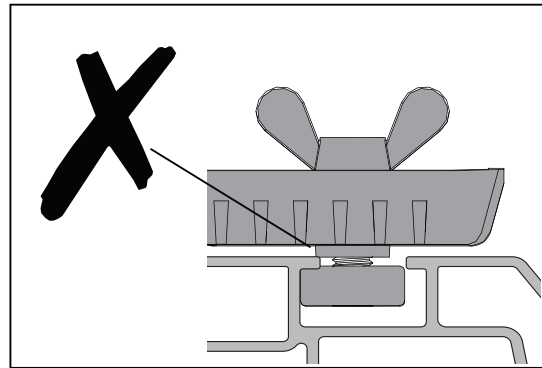
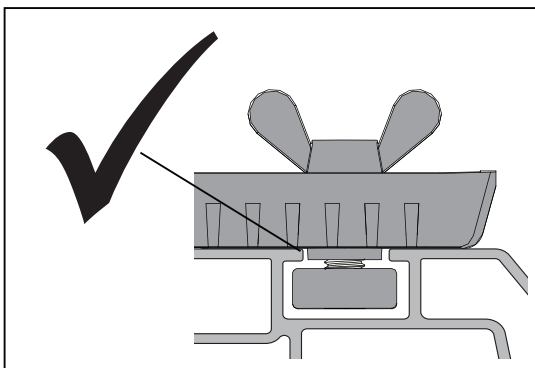
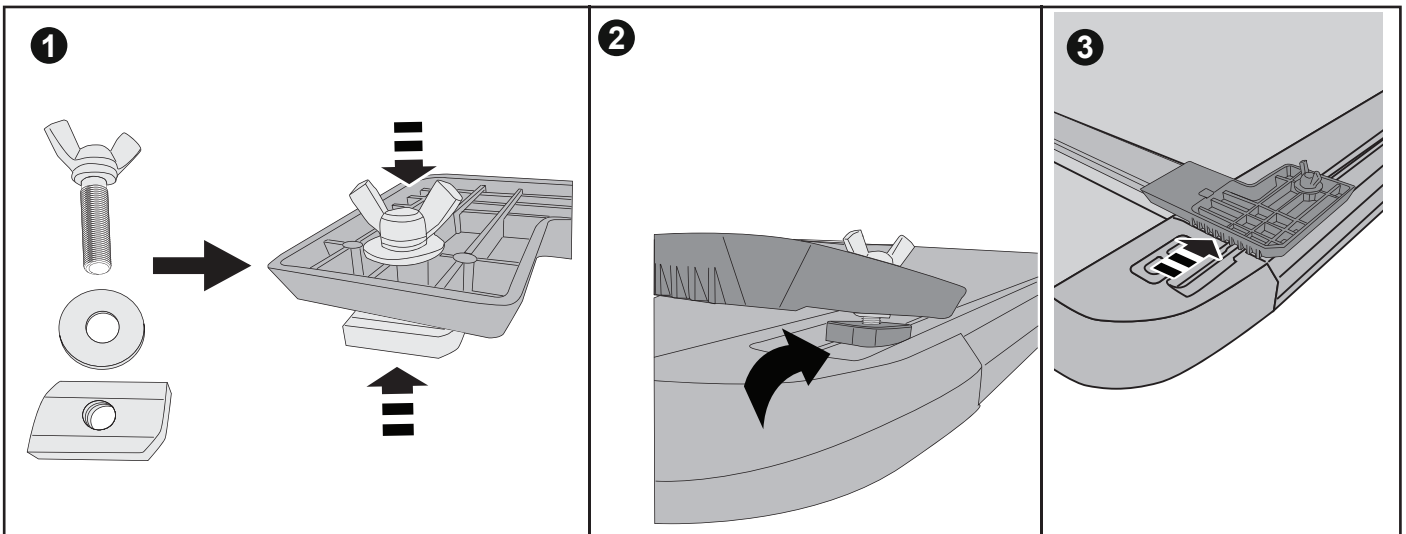
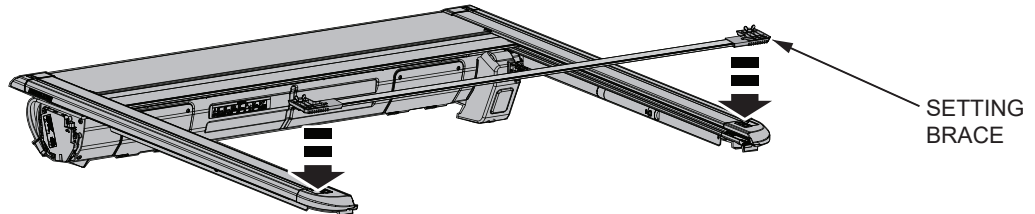


- 9** Install the Rubber Perimeter Seal (17) into each side rail and ensure seal is firmly seated (note the seal orientation). **Important:** Do not stretch the seal while fitting.

## SETTING BRACE - USER GUIDE

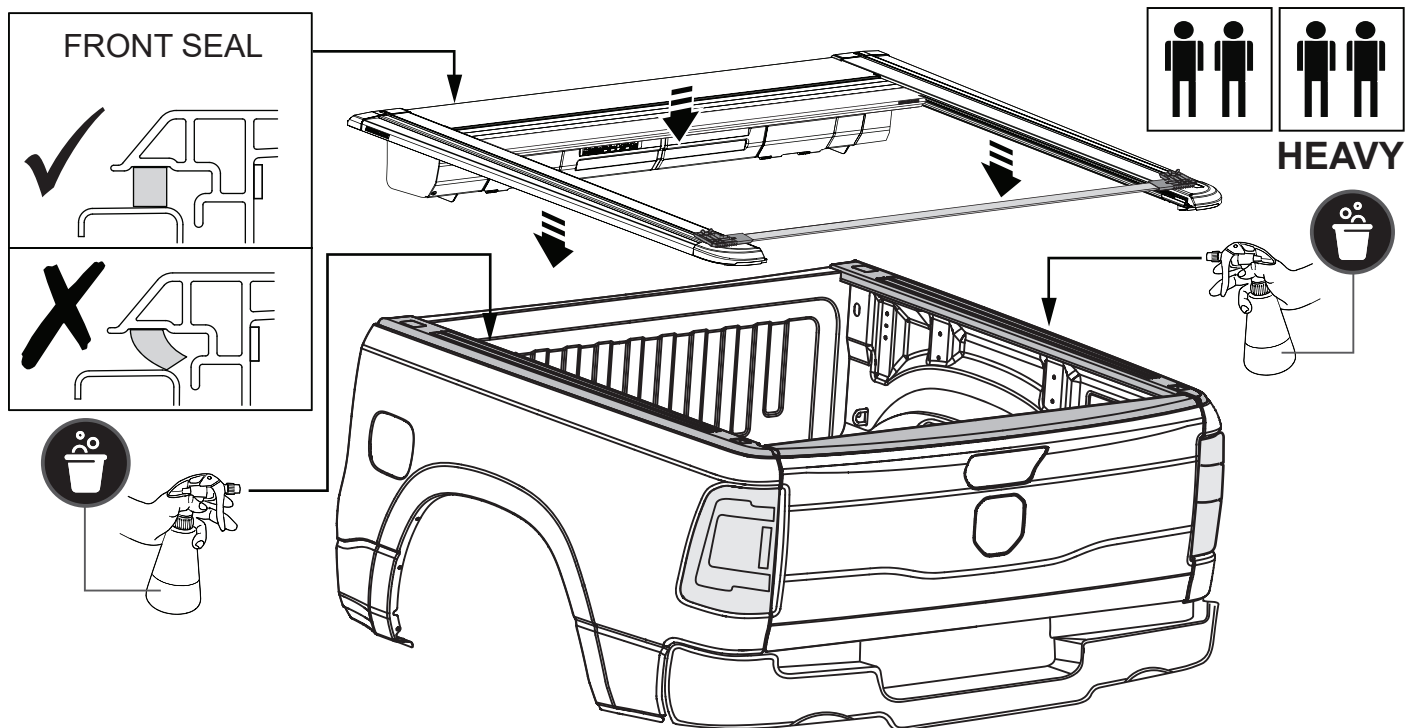


- NOT TO BE USED AS LIFTING DEVICE
- MEASUREMENTS ARE STILL REQUIRED AS PER THE FITTING INSTRUCTIONS
- SETTING BRACE SHOULD BE REMOVED ONLY WHEN SET UP IS COMPLETED

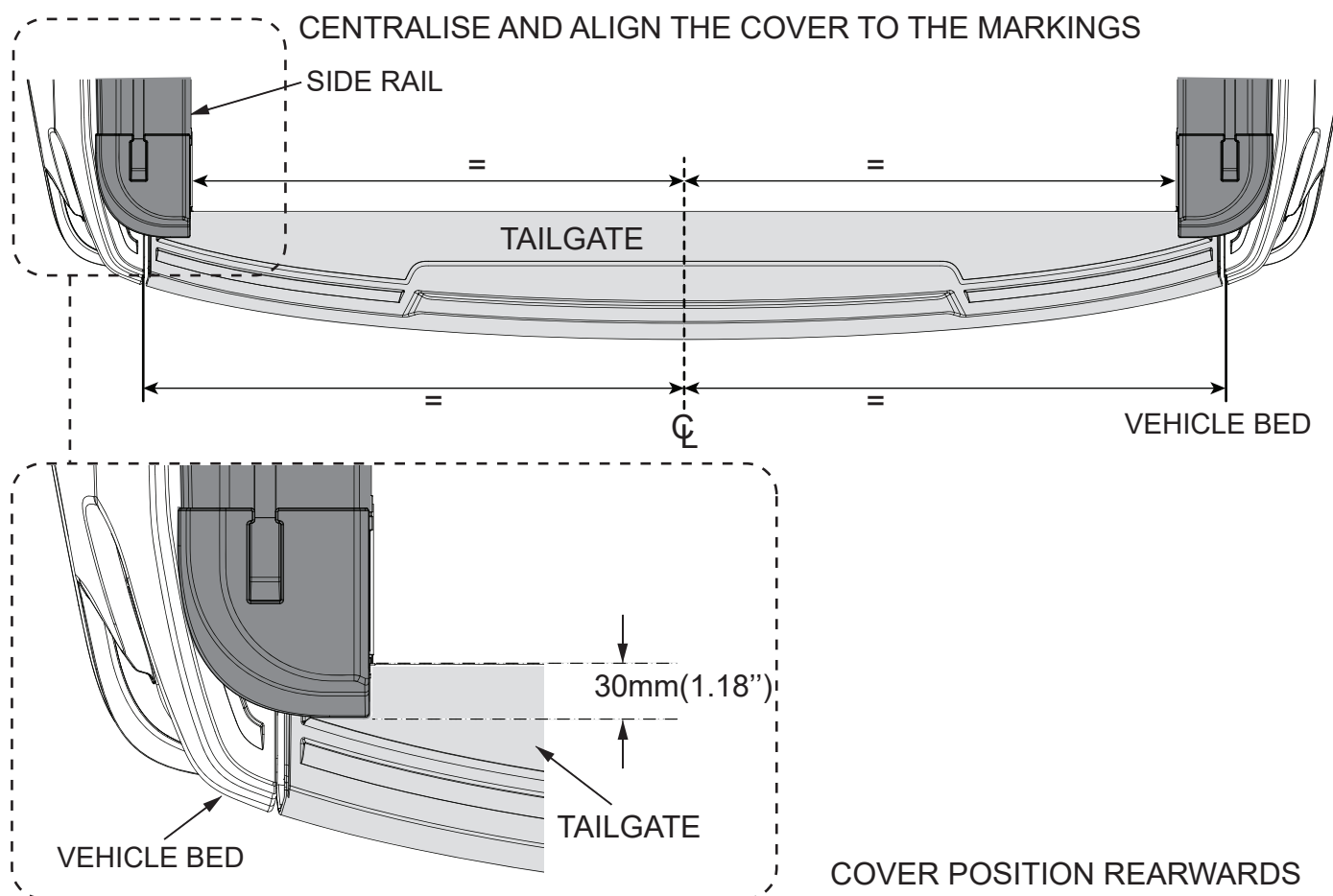


**1** Setting Brace comes pre-assembled. Fit the T-Nuts with washers and wing screws as shown to both ends of the Setting Brace. Place the Setting Brace over the rear of the Rolltrac and slide the T-Nuts into the slots as shown. Once in position, slide the brace backwards till the plastic part of the brace comes to contact with the edge of the rear End Cap.

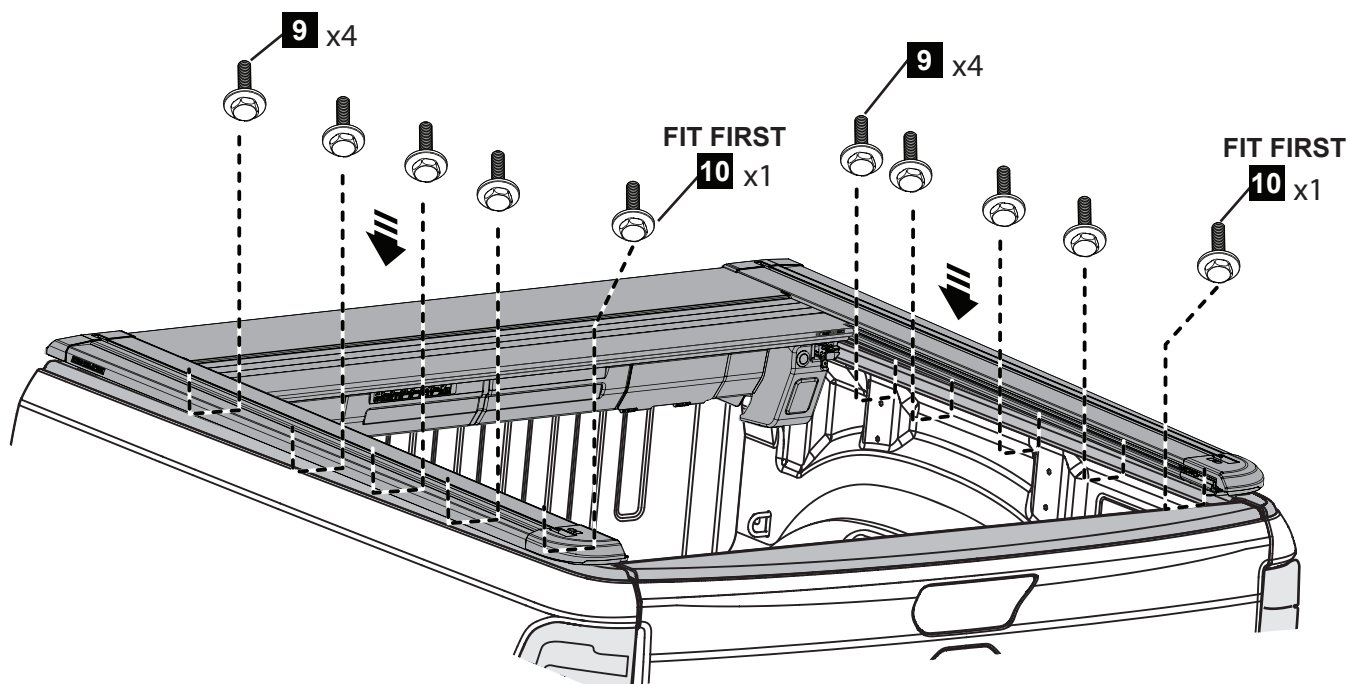
**NOTE:** Brace is equipped with locators at the bottom and those must be fitted into the side rails. Tighten the wing bolt (finger tight only).



- 1 Spray the top surface of the vehicle bed liberally with a soapy water solution to enable the Cover to slide easily. Using two people to lift the cover from both sides and carefully lower it onto the bed. Ensure all seals are sitting vertically as illustrated, by lifting the cover and dropping vertically into position.



- 2 Adjust the front/back position of the cover so that it is 30mm (1.18") rearward of the tailgate inner edge as shown. Apply masking tape at the centre of the tailgate. Measure the distance between the rear corners of the vehicle bed and draw a centre line on the masking tape. Measure the distance from the marked centre line to both rear corners of the RollTrac and ensure the side rails are parallel and equally distanced. Ensure seals are not deformed when repositioning cover.



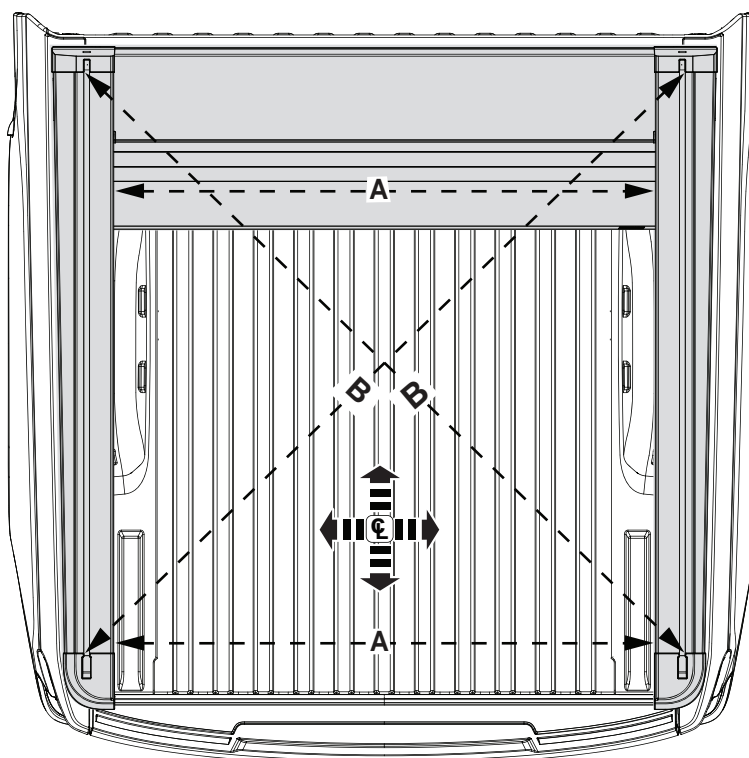
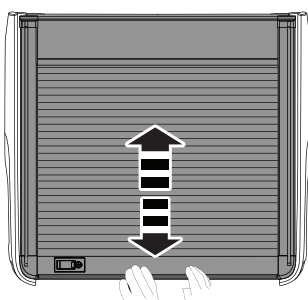
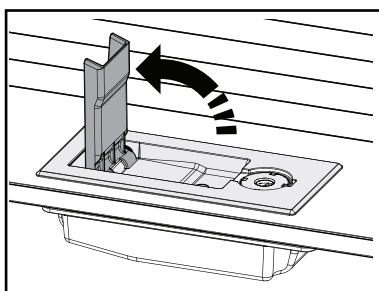
- 3** Assemble the Rolltrac side rail to the mount extrusion with screws on each side as shown, tighten loosely. Inside the side rails line up sliding nut plates before fitting screws.

## PERFORM FITMENT CHECK

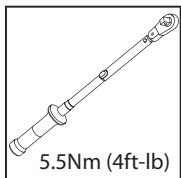


**A = A    B = B**

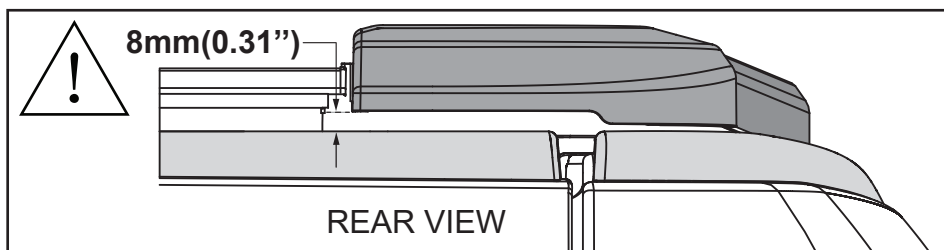
LIFT UP THE HANDLE AND  
PUSH THE COVER MANUALLY



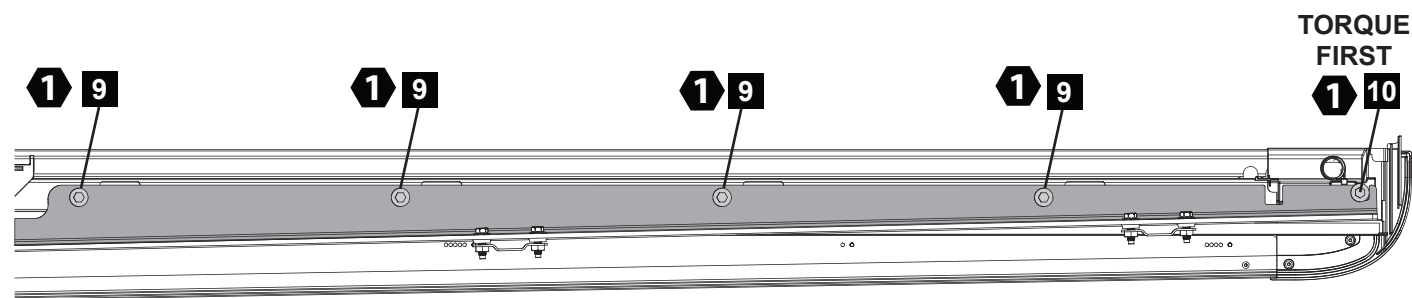
- 4** Perform width check (using canister end as reference) and diagonal fitment check (mounting bolts may need loosening for adjustment). Open and close the cover by hand, checking for smooth operation and consistent 1.5-2.0mm side to side free-play of slat assembly within side rails. If there are any tight spots, then check side rail position and re-adjust side rail width as required.



**1** 5.5 Nm  
4ft-lb

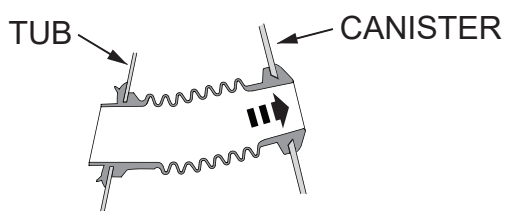


VIEW UNDER THE SIDE RAIL RHS (TUB NOT SHOWN FOR CLARITY)

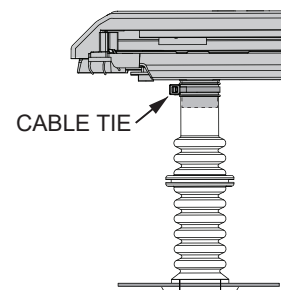


- 5** Working from RHS to LHS (to avoid one side lifting up) torque all screws (9&10) to 5.5Nm(4ft-lb). Perform final fitment check as per step 4. **IMPORTANT:** Check the clearance between rear corner casting and top of tailgate, target is 8mm.(0.31'') Open and close the tailgate to check function of seal (makes contact with tailgate and does not over compress) if position requires adjustment refer to steps 7-8 (section A).

CONNECT FRONT DRAIN TUBES TO CANISTER



FIT REAR DRAIN TUBES TO SIDE RAILS



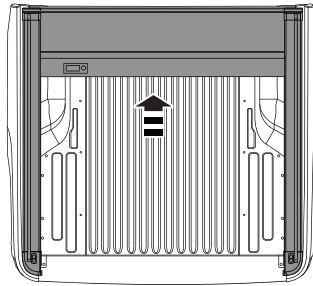
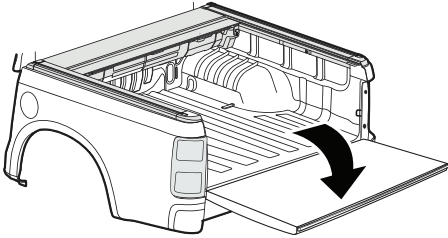
- 6** Connect the front drain tubes to the canister. Connect the rear drain tubes to side rails and secure with cable ties.



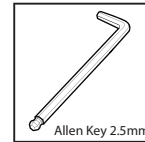
## SILICONE LUBRICATION TO THE SPIRALS

(MODELS MAY VARY, IMAGES FOR REFERENCE ONLY)

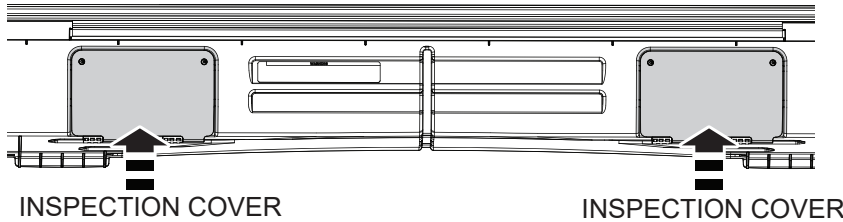
- 1** Open tailgate and EGR RollTrac



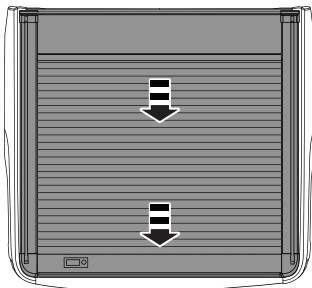
### TOOLS REQUIRED:



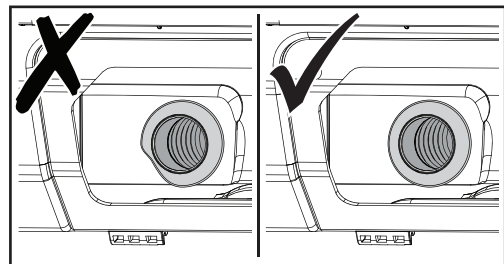
- 2** Using a 2.5mm Allen Key remove the 4 screws and open the inspection covers.  
**WARNING:** Keep clear of moving parts and avoid unnecessary operation of the EGR RollTrac while inspection covers are open.



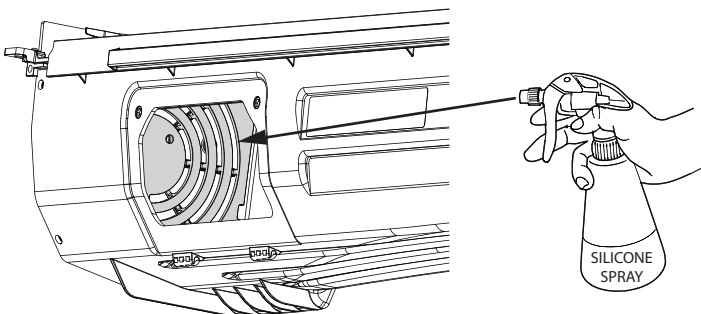
- 3** Close the EGR RollTrac to access canister internals



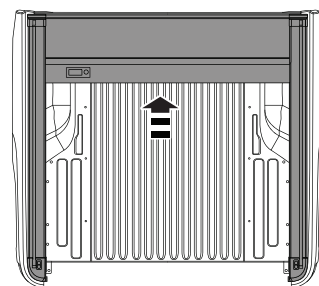
- 4** To avoid water leaks, look into the inspection points and check that the flanges of both front drain tubes are correctly engaged to the canister cover (without any kinking etc.), readjust if required.



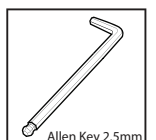
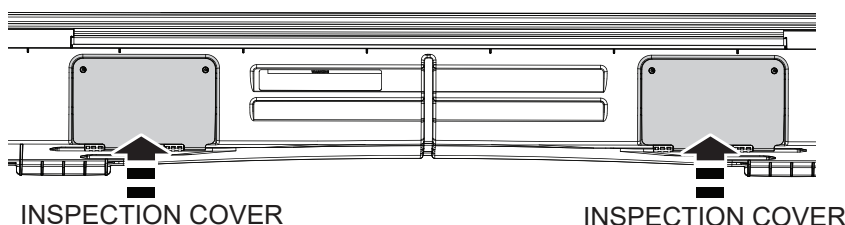
- 5** Using plastic compatible 100% Silicone Spray (ONLY) spray onto the spirals on both ends of the canister through the inspection points.



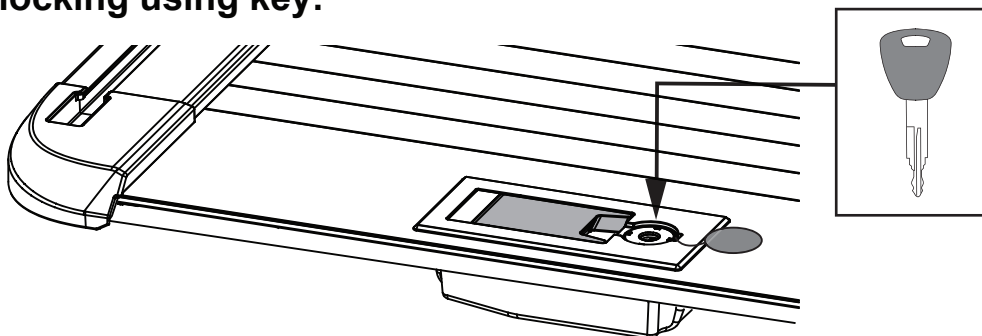
- 6** Open the EGR RollTrac



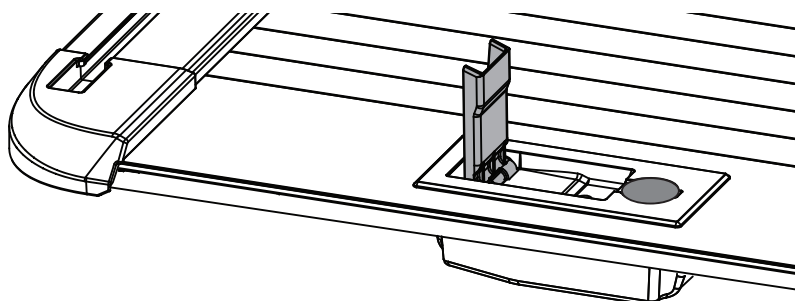
- 7** Close the inspection covers and secure with retained screws. Open and close the EGR RollTrac to distribute lubricant and check operation.



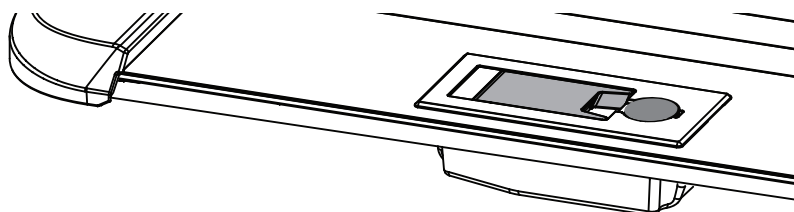


**Locking / unlocking using key:**

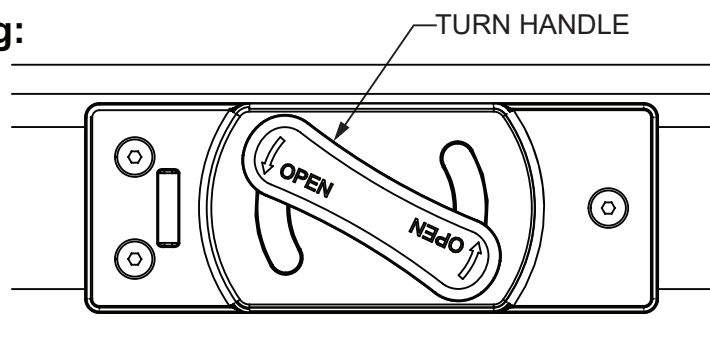
1. Ensure the EGR RollTrac handle is down.
2. Open the rubber cap covering the lock and using the provided key turn LEFT (CCW) to lock and RIGHT (CW) to unlock the hand rail.
3. Ensure the lock cap is pushed down to seal the lock.  
**Note:** handle must be folded down prior to locking / unlocking with key. Ensure the lock cap is pushed down to seal the lock after every use.

**Opening & Closing Procedure:**

1. Ensure the EGR RollTrac is unlocked.
2. Lift the handle 90 degree up, in order to release the latches from the tailgate rail and open the vehicle tailgate. Lifting the handle to 90 degrees will provide a hand hold so that the user can pull the cover into the next index position.
3. To ensure the EGR RollTrac is properly engaged in the desired position, gently push the handrail at both ends, if excessive movement is observed reposition the hand rail as required.



4. Set the hand rail to desired position and fold the handle down.  
**NOTE:** Cover should open and close smoothly. If cover does not lock or open correctly, please refer to the trouble shooting section in the Owners Manual.

**Emergency Opening:**

Turn the emergency release handle located on the centre of the hand rail assembly and retract the EGR RollTrac.