

INSTALLATION INSTRUCTIONS

EGR *ROLLTRAC*

MANUAL

Vehicle Model & Year: FORD RANGER/RAPTOR MY22+

PART NUMBER : RT040552ML

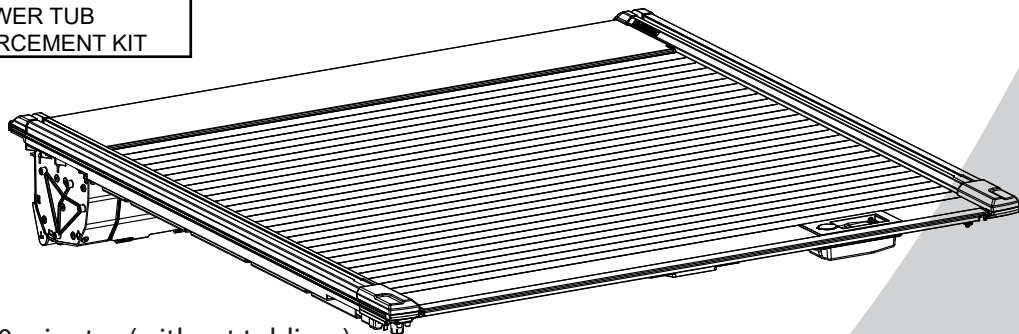


IMPORTANT:

IF THE EGR ROLLTRAC IS FITTED TO THE VEHICLE WITH **ANY ACCESSORY LOADED WITH MORE THAN 45KG**, A LOWER TUB REINFORCEMENT KIT **MUST** BE FITTED. THE LOWER TUB REINFORCEMENT KIT CAN BE PURCHASED FROM YOUR LOCAL DEALER OR DIRECTLY FROM EGR (PART NUMBER : RA039842).



LOWER TUB
REINFORCEMENT KIT



Installation time: 120 minutes (without tubliner)

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

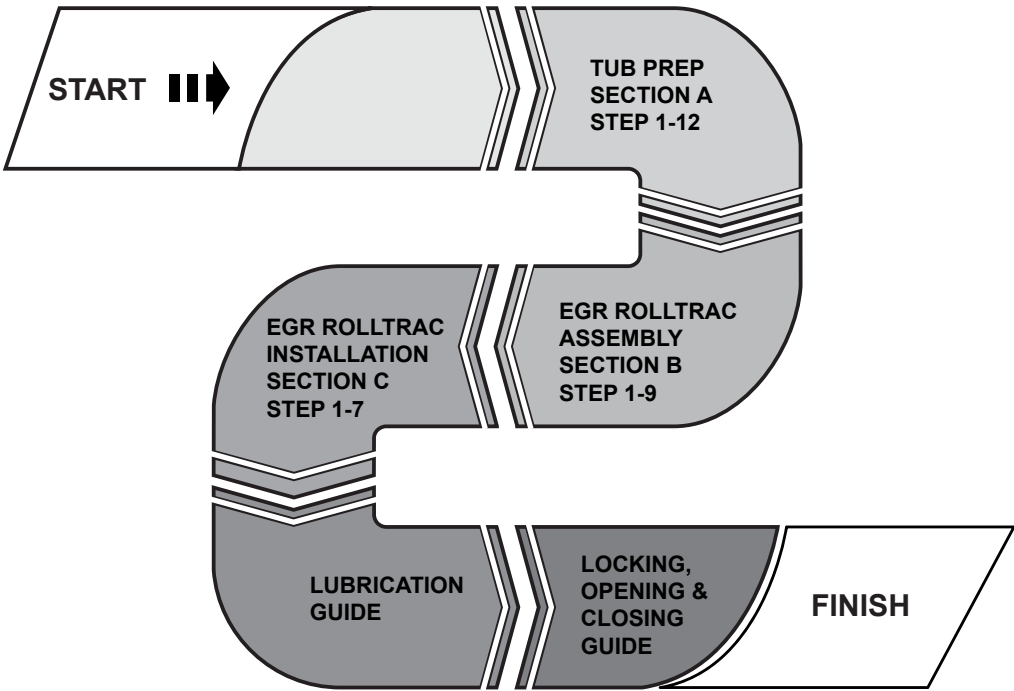
- Read through the fitting instructions before installation of EGR RollTrac.
- Always install the accessory following the fitting instructions. Failure to do so may cause damage to the vehicle or the accessory.
- Ensure all recyclable discarded vehicle accessory components and packaging are recycled 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

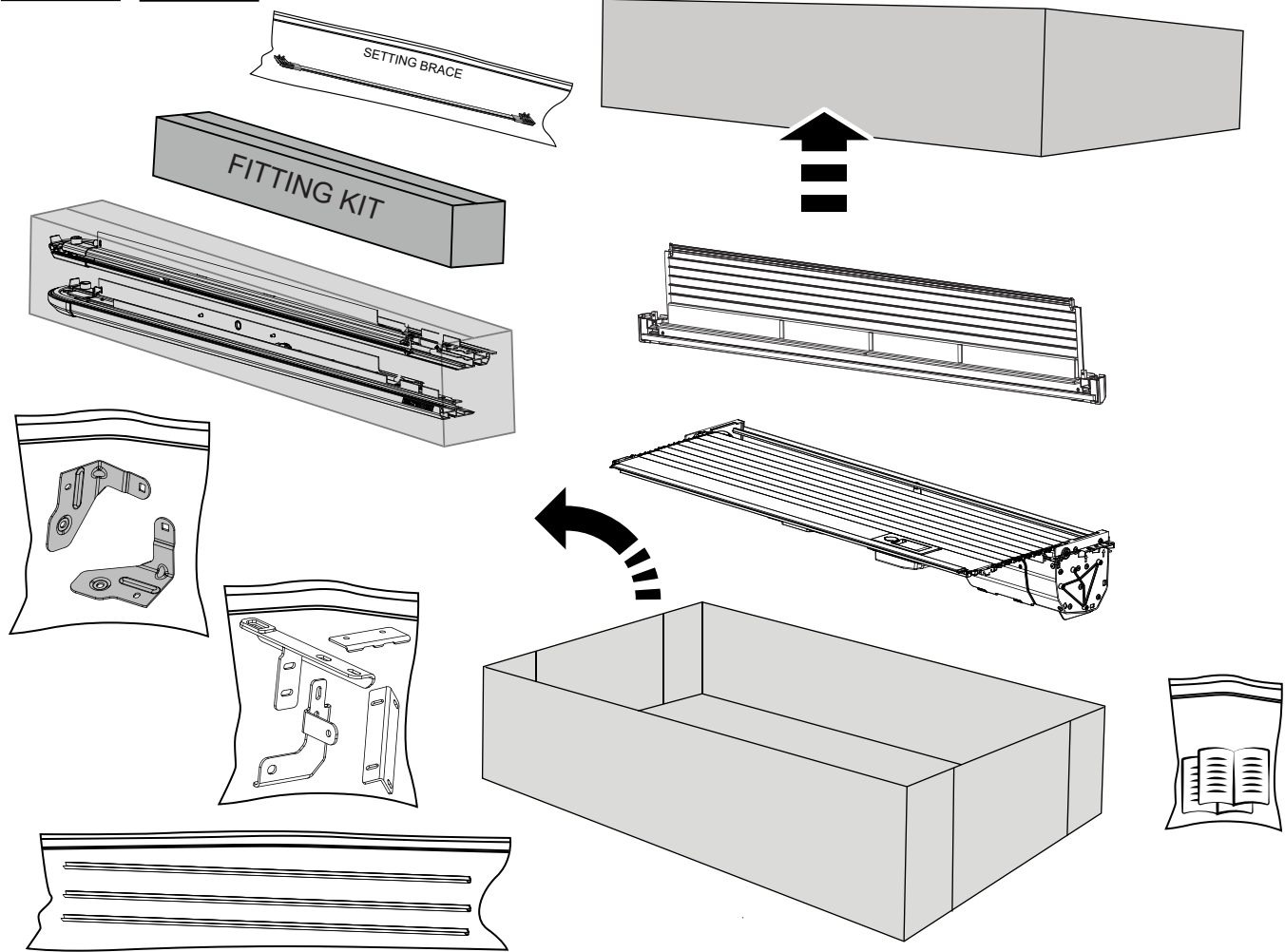
- Check that all work practices comply with safety standards.
- Please wear appropriate clothing and use safety equipment.



INSTALLATION PROCESS

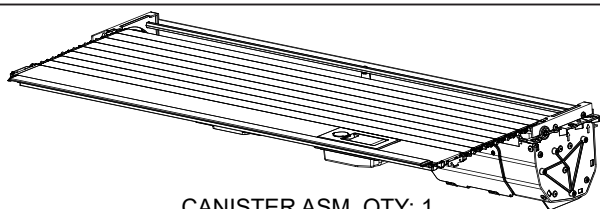


UNPACKING



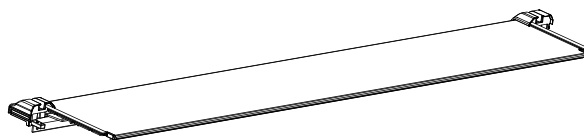
KIT CONTENTS - COMPONENT NUMBER AND QUANTITY

1



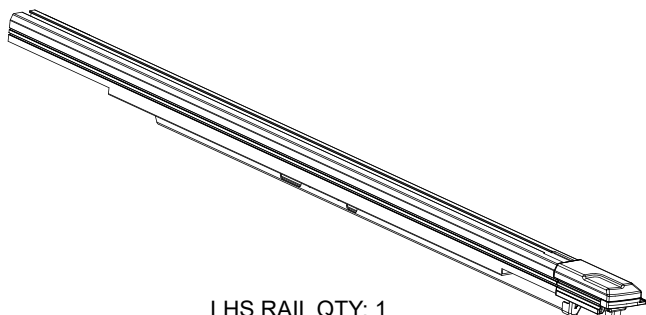
CANISTER ASM. QTY: 1

2



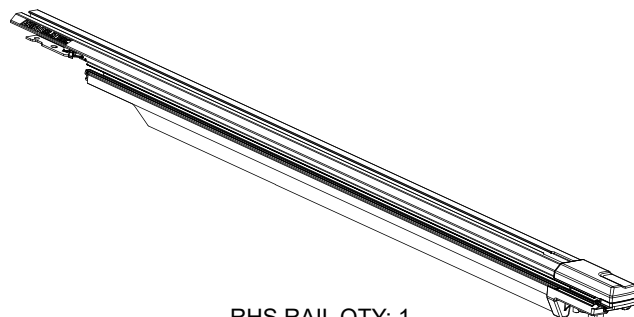
FRONT COVER QTY: 1

3



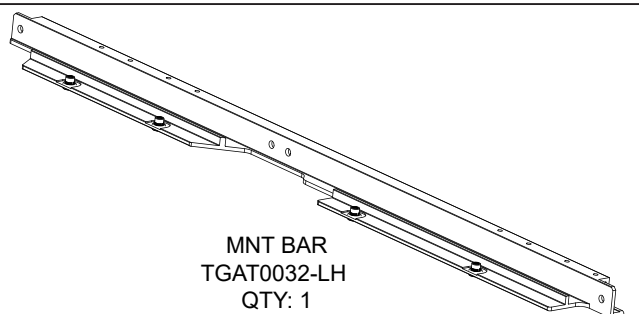
LHS RAIL QTY: 1

4



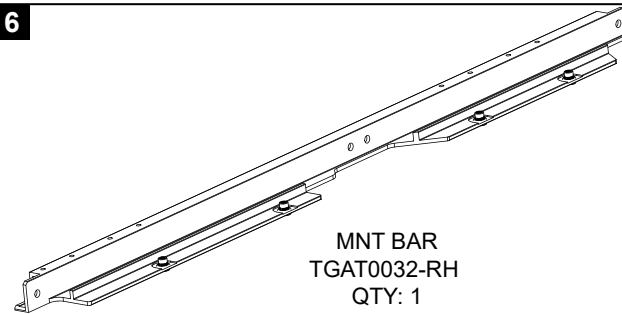
RHS RAIL QTY: 1

5



MNT BAR
TGAT0032-LH
QTY: 1

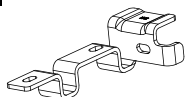
6



MNT BAR
TGAT0032-RH
QTY: 1

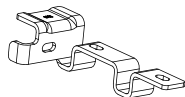
EGR EGR ROLLTRAC CLAMP KIT IN BAG

7



FR MNT BRK
CLIP3932PC-LH
QTY: 1

8



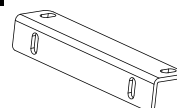
FR MNT BRK
CLIP3932PC-RH
QTY: 1

9



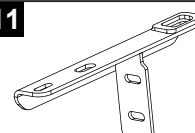
H-BAR CRN BRK
CLIP4106
QTY: 2

10



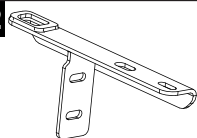
MNT BRK
CLIP4108
QTY: 4

11



REAR SUPP BRK
CLIP4110-LH
QTY: 1

12



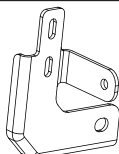
REAR SUPP BRK
CLIP4110-RH
QTY: 1

13



REAR MNT BRK
CLIP4109-LH
QTY: 1

14



REAR MNT BRK
CLIP4109-RH
QTY: 1

15



M6 NUT PLATE
MISC5793
QTY: 2

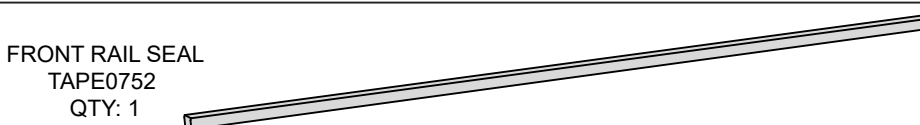
EGR EGR ROLLTRAC BULB KIT IN BAG

16



SIDE RAIL SEAL
EXTR0112-32
QTY: 2

17

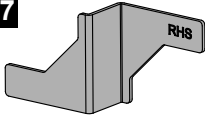
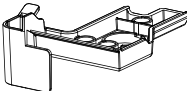
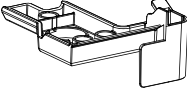


FRONT RAIL SEAL
TAPE0752
QTY: 1

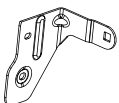
EGR EGR ROLLTRAC MBAR HARDWARE KIT IN BAG

18  SCREW END PAD MISC5812 QTY: 8	19  M6x50 HEX HEAD SCRWO967 QTY: 8	20  M6x15 HEX DRIVE SCRWO973 QTY: 14	21  M8x25 BUTTON HEAD HEX DRIVE SCRWO974 QTY: 6	22  M6x20 HEX HEAD SCRWO997 QTY: 10
23  M6x15 HEX HEAD SCRWO1001 QTY: 16	24  SPACER MISC5457 QTY: 6	25  M6 HEX NUT NUTS0285 QTY: 8	 INSTALLATION INSTRUCTIONS & OWNERS MANUAL	

EGR EGR ROLLTRAC FITTING KIT IN BOX

26  M6x15 HEX DRIVE SCRWO973 QTY: 6	27  FIT JIG MISC5822 QTY: 1	28  FR DRAIN TUBE MISC5222 QTY: 2	29  WATER DUCT INJM0274-LH QTY: 1	30  WATER DUCT INJM0274-RH QTY: 1
31  REAR DRAIN TUBE (VEHICLES WITHOUT DDK ONLY) QTY: 2	32  REAR DRAIN TUBE (DDK ONLY) MISC5223-32 QTY: 2	33  M6 HEX NUT NUTS0284 QTY: 2		

UPPER TUB REINFORCEMENT BRACKETS

34  Upper Tub Reinforcement Bracket (CLIP4092PC-RH) Qty - 1	35  Upper Tub Reinforcement Bracket (CLIP4092PC-LH) Qty - 1	36  M8x25 BUTTON HEAD HEX DRIVE SCRWO974 QTY: 6	37  WASHER WASH70014 QTY: 6	38  HEX NUT NUTS70002 QTY: 4
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SETTING BRACE



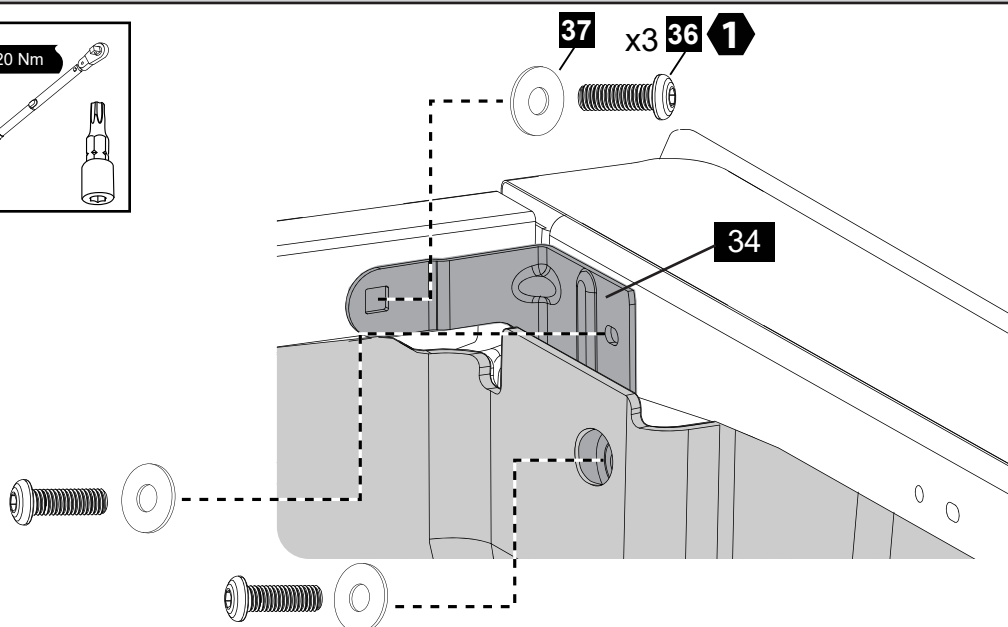
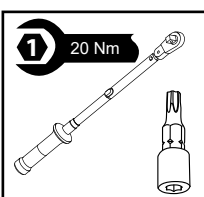


TOOLS REQUIRED - NOT SUPPLIED IN KIT

 Drill	 Holesaw Ø60mm Ø38mm Ø29mm	 Drill Bits	 Tape Measure	 Phillips Screwdriver	 Flat Screwdriver
 Centre Punch & Hammer	 Ratchet & Sockets 7,10,13mm	 Side Cutters	 Allen Key 2.5 & 4mm	 Torque Wrench	 Spanners 8,10,13mm
 Anti-abresion tape to seal holes & slots	 Masking Tape Fiberglass Tape Black Cloth Tape	 Non-permanent pen	 Scissors	 6mm File	 Bobbin Sander Ø60mm
 Cutting device needed to trim bed cap	 50/50 Isopropyl Alcohol/Water	 Silicone Spray	 Soapy Water	 Rust Inhibitor	 Silicone (non-acidic)
 Silicone	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

TUB PREPARATION

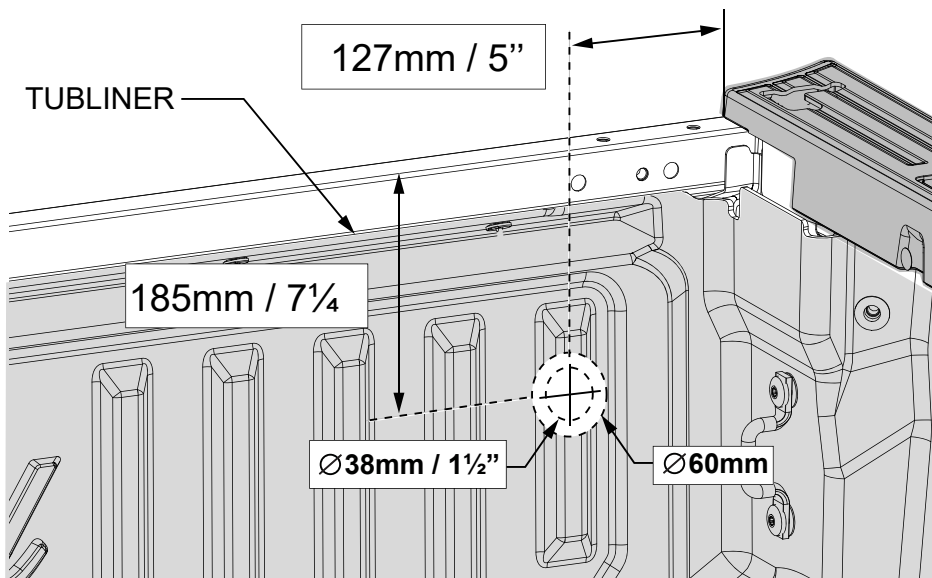
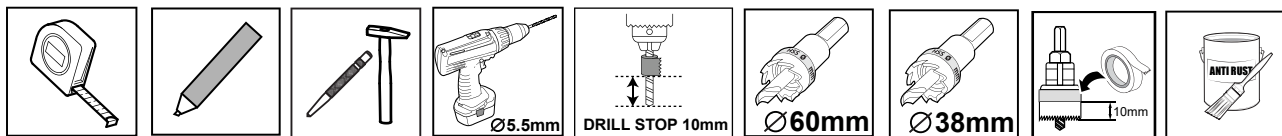


RHS SHOWN

- 1 Clean the top and inside of the tub. Remove the tail lights.
Place the Front Reinforcement Bracket (34) underneath the tub liner (if applicable) and secure with 3x screws (36) and washers (37). Torque to 20Nm. Repeat for the LHS.



FRONT DRAIN TUBES - TUB DRILLING WITH TUBLINER

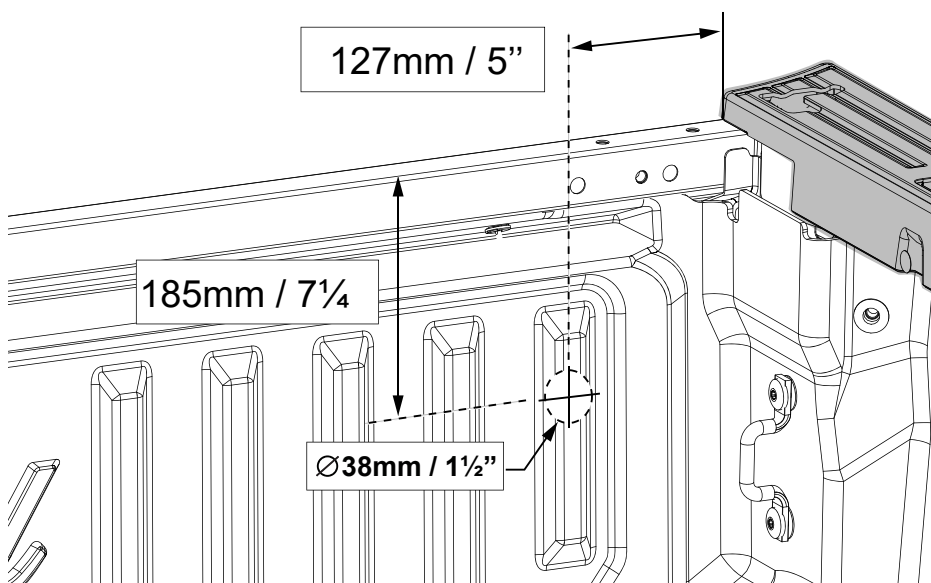
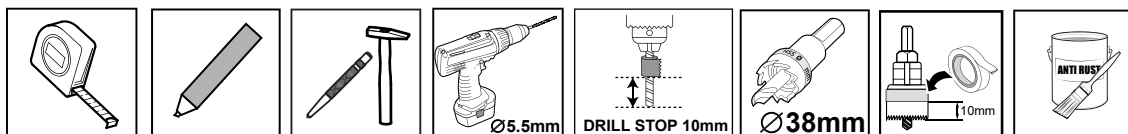


FRONT OF TUB - RHS

- 2** On the tub front panel, measure and markup the positions for the front drain tubes. Centre punch the locations and drill 5.5mm pilot hole through the **tub and tubliner**. Using hole saw drill **60mm hole in the tubliner only**, use 10mm stop. With a **38mm hole saw**, drill hole in the **tub** following the pilot hole. Deburr both holes and apply rust inhibitor to the metal. Repeat for LHS.



FRONT DRAIN TUBES - TUB DRILLING (NO TUBLINER)

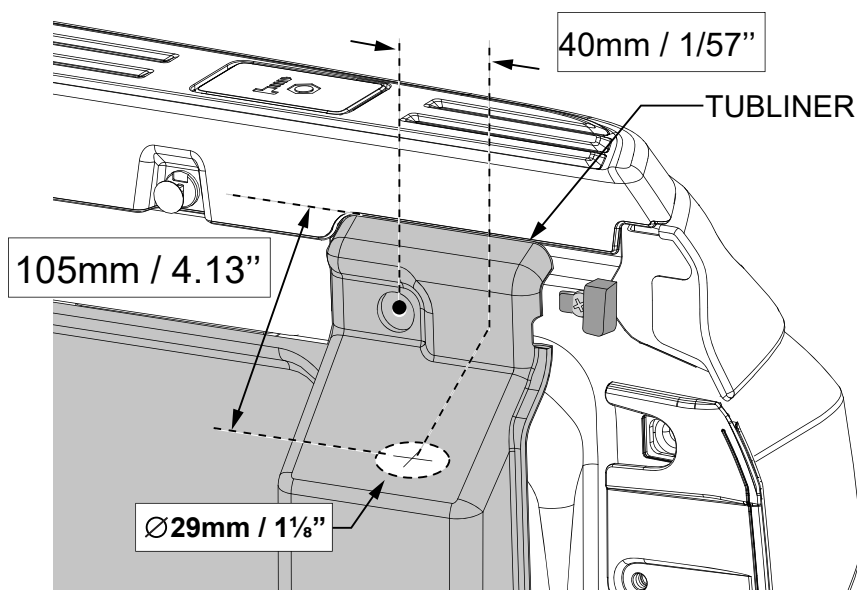
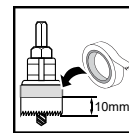
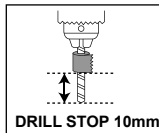
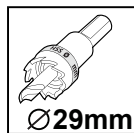
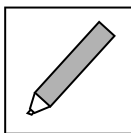
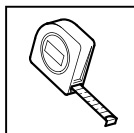


FRONT OF TUB - RHS

- 3** On the tub front panel, measure and markup the positions for the front drain tubes. Centre punch the locations and drill 5.5mm pilot hole through the **tub**. Using hole saw drill **60mm hole in the tubliner only**, With a **38mm hole saw**, drill hole in the **tub** following the pilot hole use 10mm stop. Deburr both holes and apply rust inhibitor to the metal. Repeat for LHS.



REAR DRAIN TUBES - TUB DRILLING WITH TUBLINER

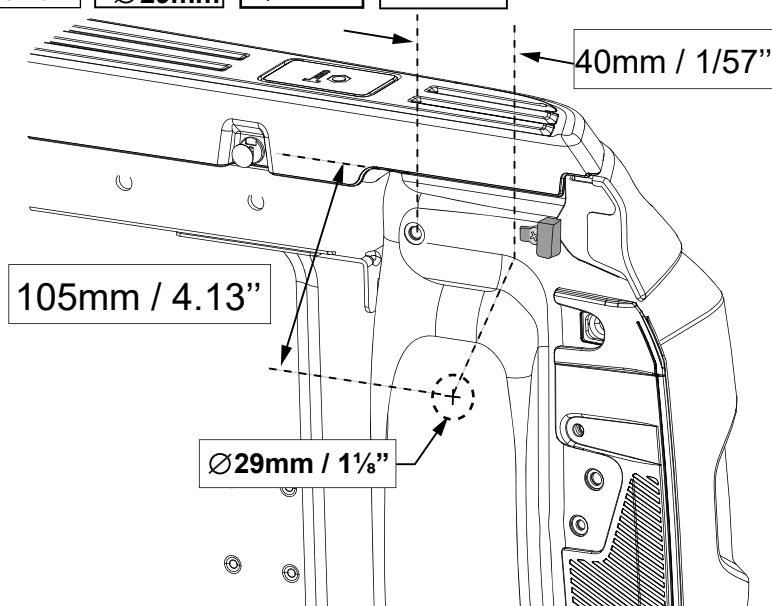
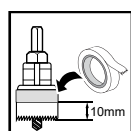
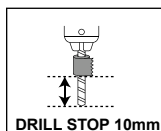
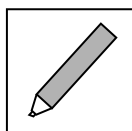
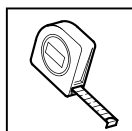


REAR OF TUB - RHS

- 4** On the tub rear panel, measure and markup the positions for the rear drain tubes. Centre punch the locations and drill 5.5mm pilot hole through the **tubliner ONLY!** Using hole saw drill 29mm hole in the **tubliner**. Use 10mm stop. Repeat for LHS.

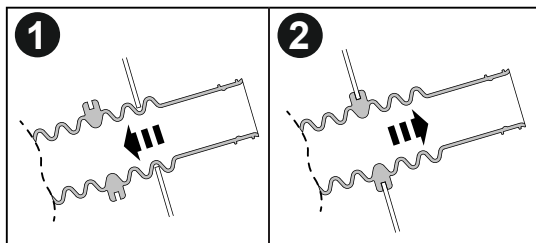


REAR DRAIN TUBES - TUB DRILLING (NO TUBLINER)

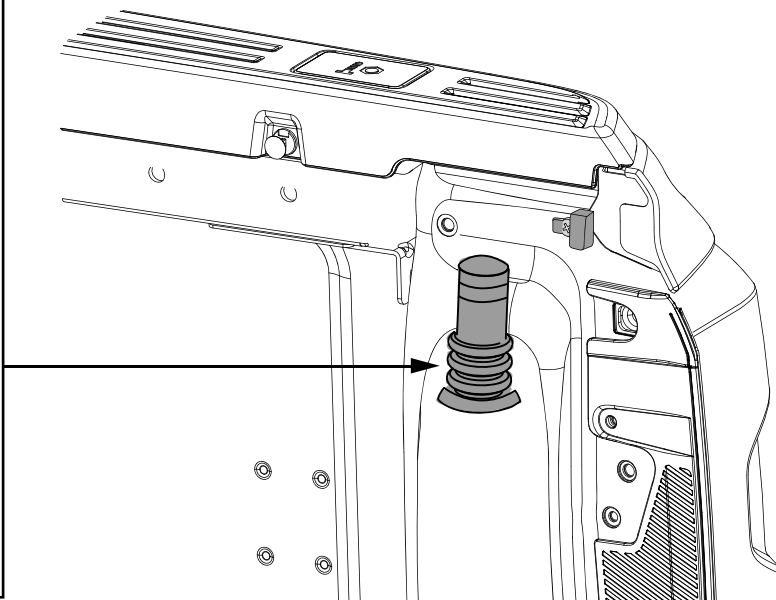
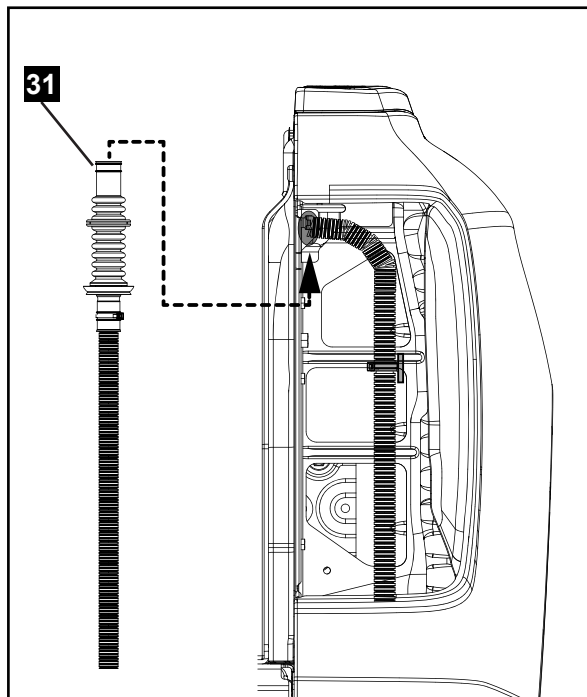


REAR OF TUB - RHS

- 5** On the tub rear panel, measure and markup the positions for the rear drain tubes. Centre punch the locations and drill 5.5mm pilot hole through the **tub**. Using hole saw drill 29mm hole in the **tub**. Use 10mm stop. Repeat for LHS.

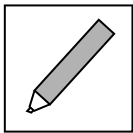
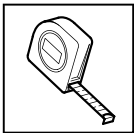


RHS & LHS



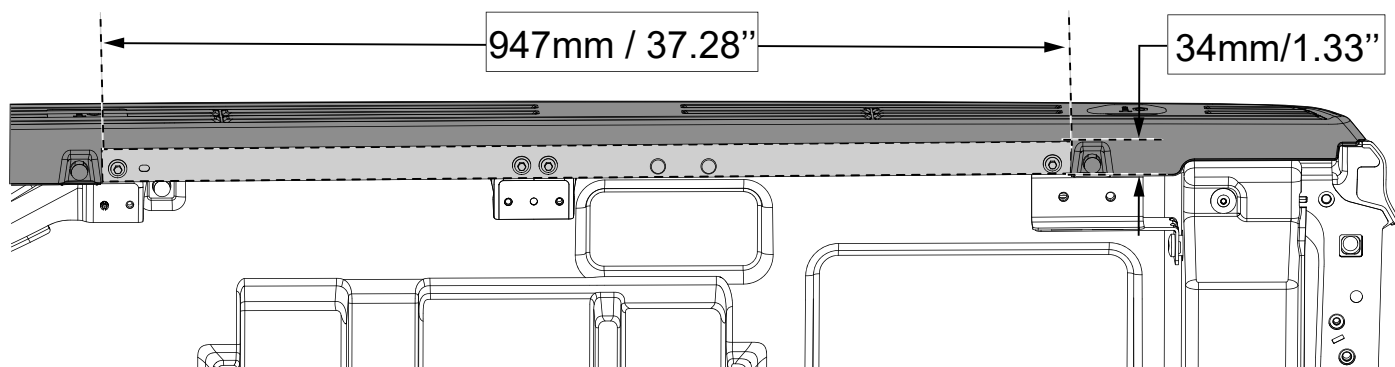
- 6** Fit the rear drain tubes from the inside of the tail lamp cavity up through the drilled hole. Spray tubes with soapy water to help with fitment. Repeat for LHS.

CONTINUE ON NEXT PAGE

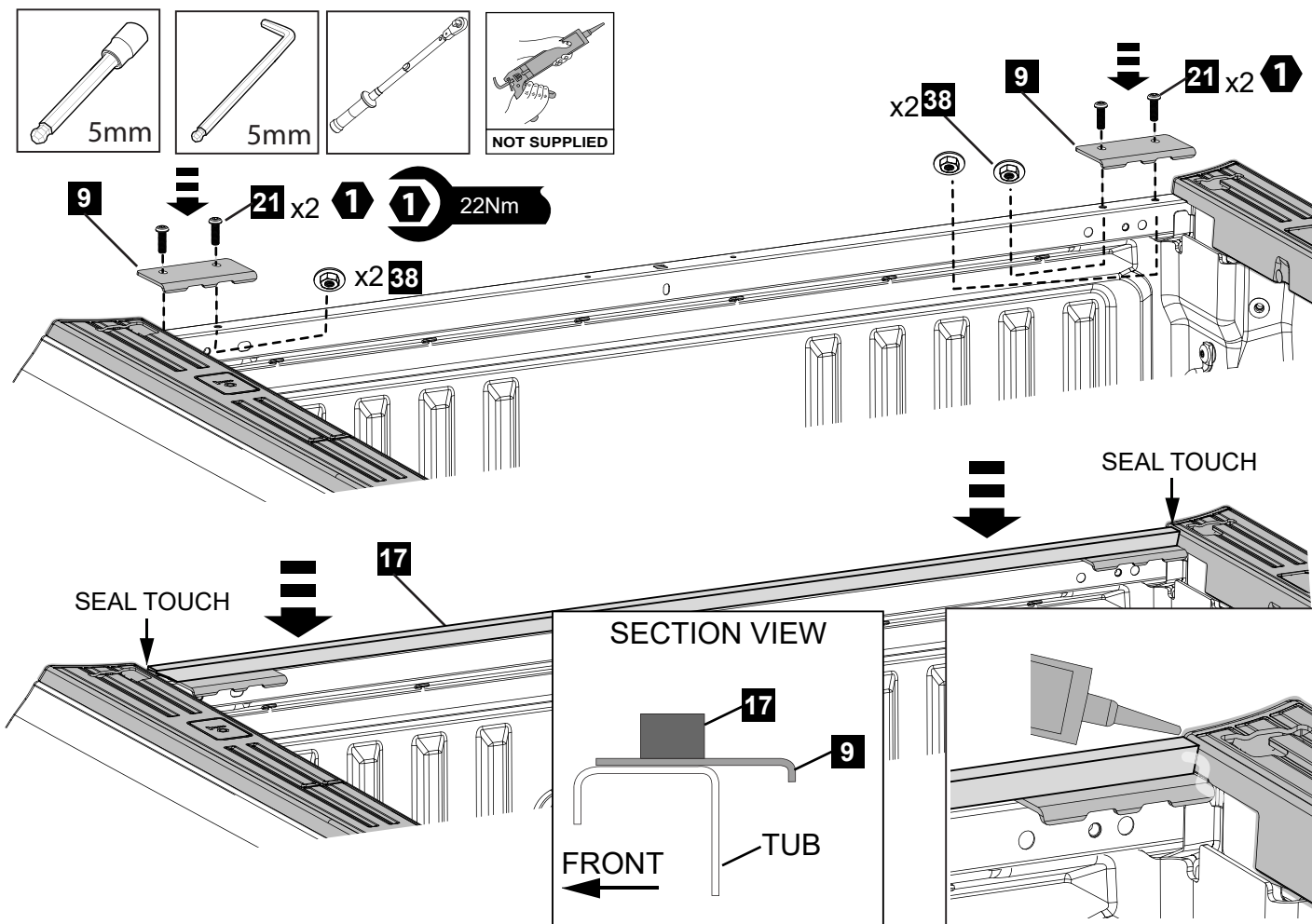
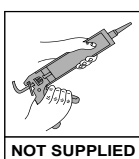
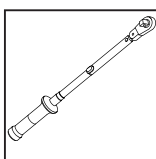
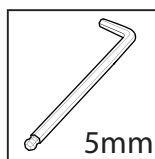
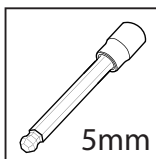


Cutting device
needed to trim
bed cap

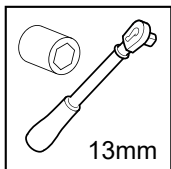
BED CAP - RHS



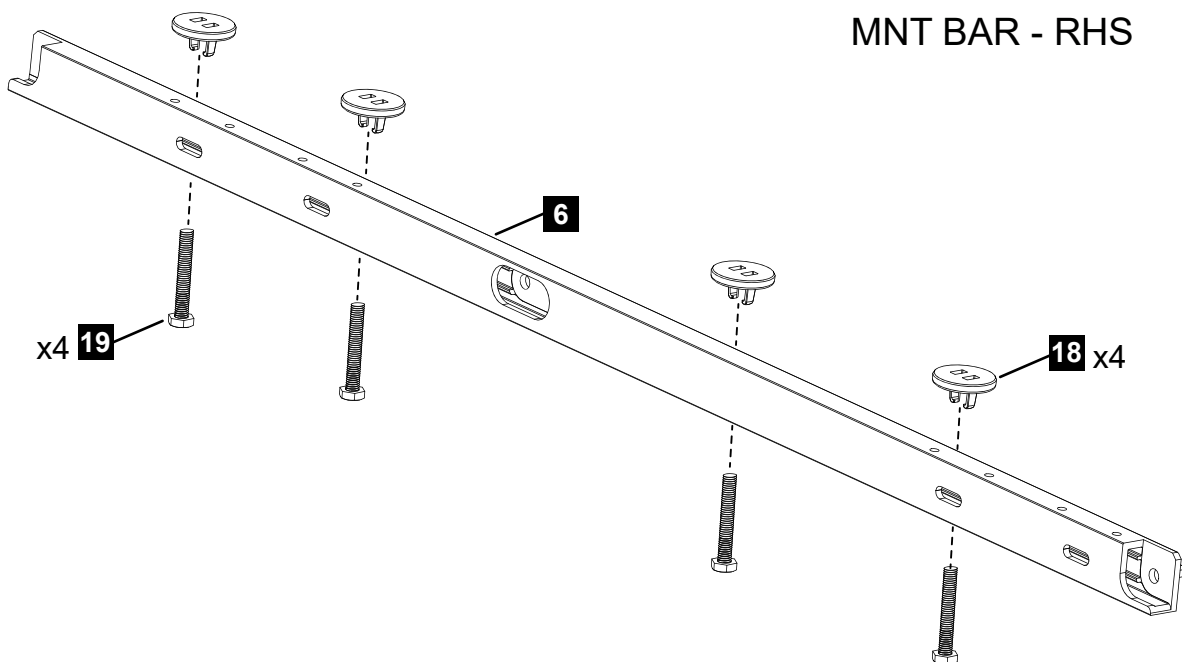
- 7** Inside the tub locate the RHS bed cap and cover the inside face with masking tape to allow marking with pen and avoid scratching during trimming. Mark the bed cap as shown above and trim the area using suitable tool. Repeat for LHS.



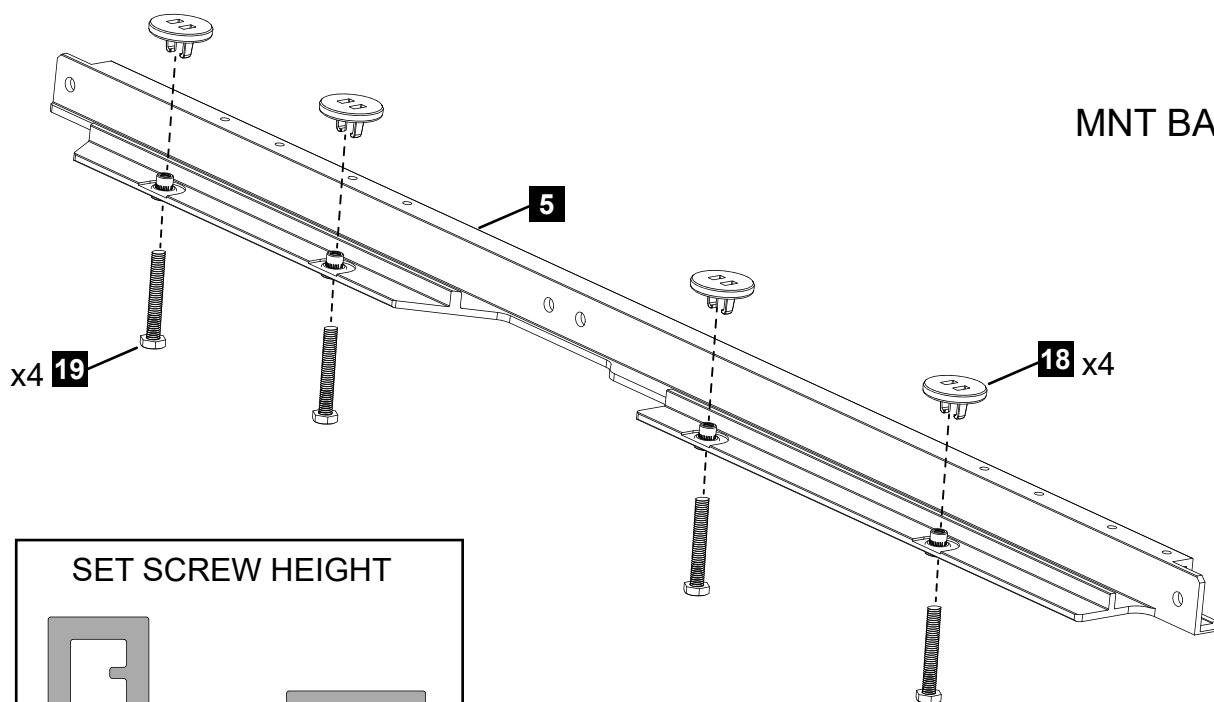
- 8** Fit the two h-bar corner brackets (9) to the top of the front of the tub and secure with two screws (21). Repeat for the LHS. Apply the front rail seal (17) along the top of the h-bar as shown and ensure ends touch the endcap. Apply Silicone in the gap between the rail seal, bracket and tub rail as shown. NOTE: Seal all holes in the tub as required.



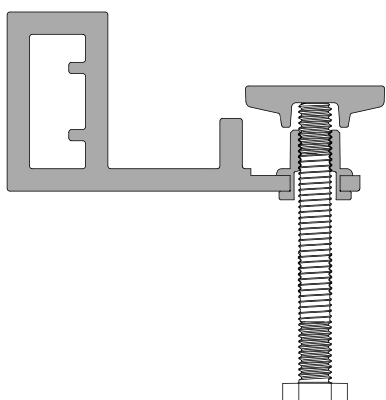
MNT BAR - RHS



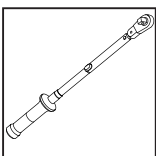
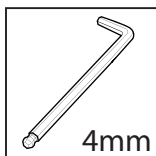
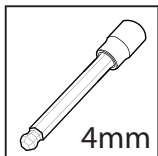
MNT BAR - LHS



SET SCREW HEIGHT

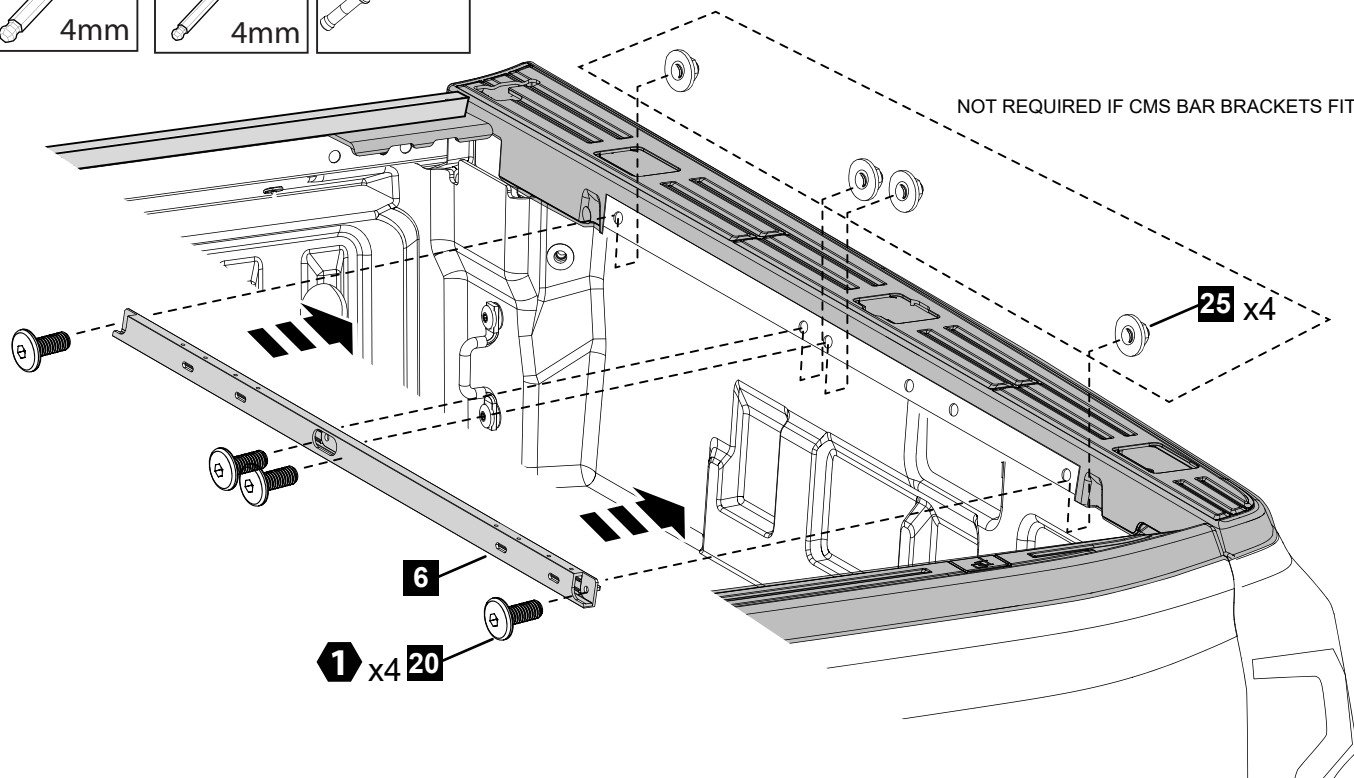


- 9** Fit the 4 screws (19) into the RHS mounting rail (6) and fit the end pads as shown. Set the screws height as shown in detail. Repeat for the LHS mounting rail.
NOTE: Screws will be adjusted in later stage once fitted to the tub.

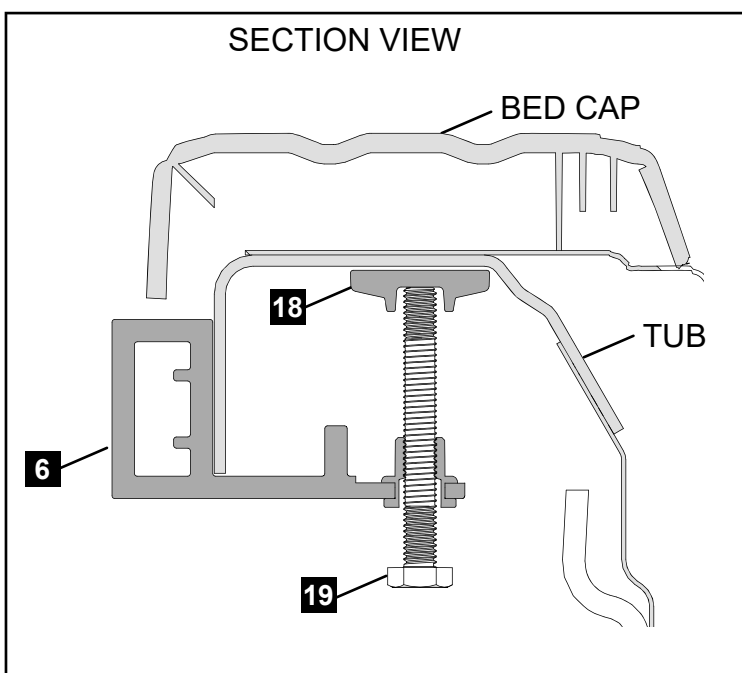


MNT BAR - RHS

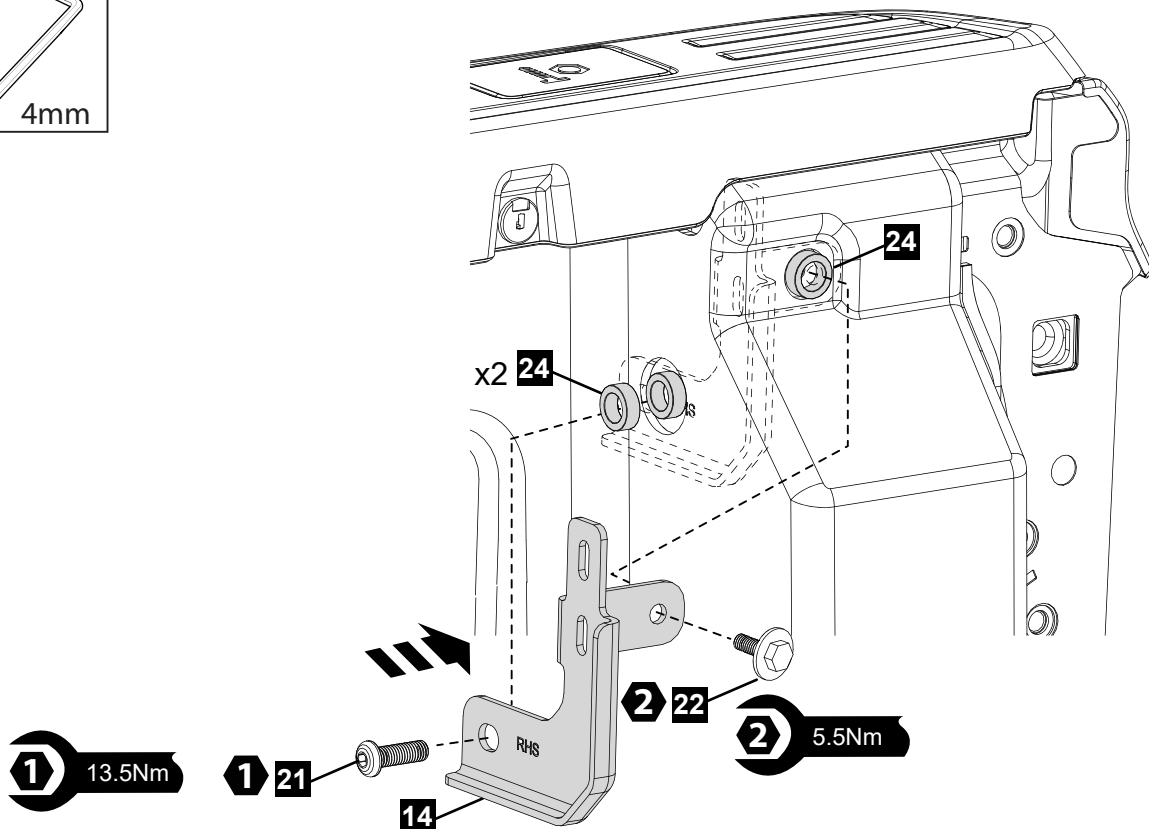
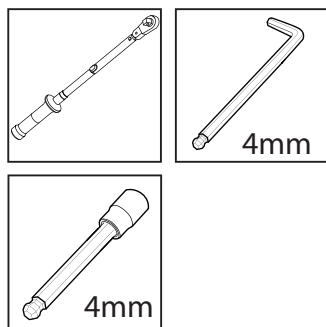
NOT REQUIRED IF CMS BAR BRACKETS FITTED



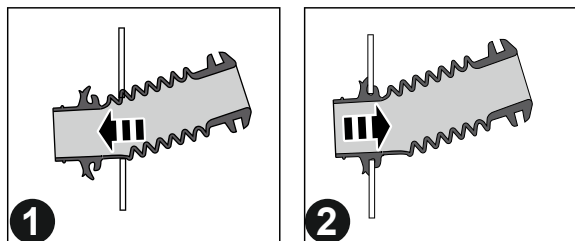
SECTION VIEW



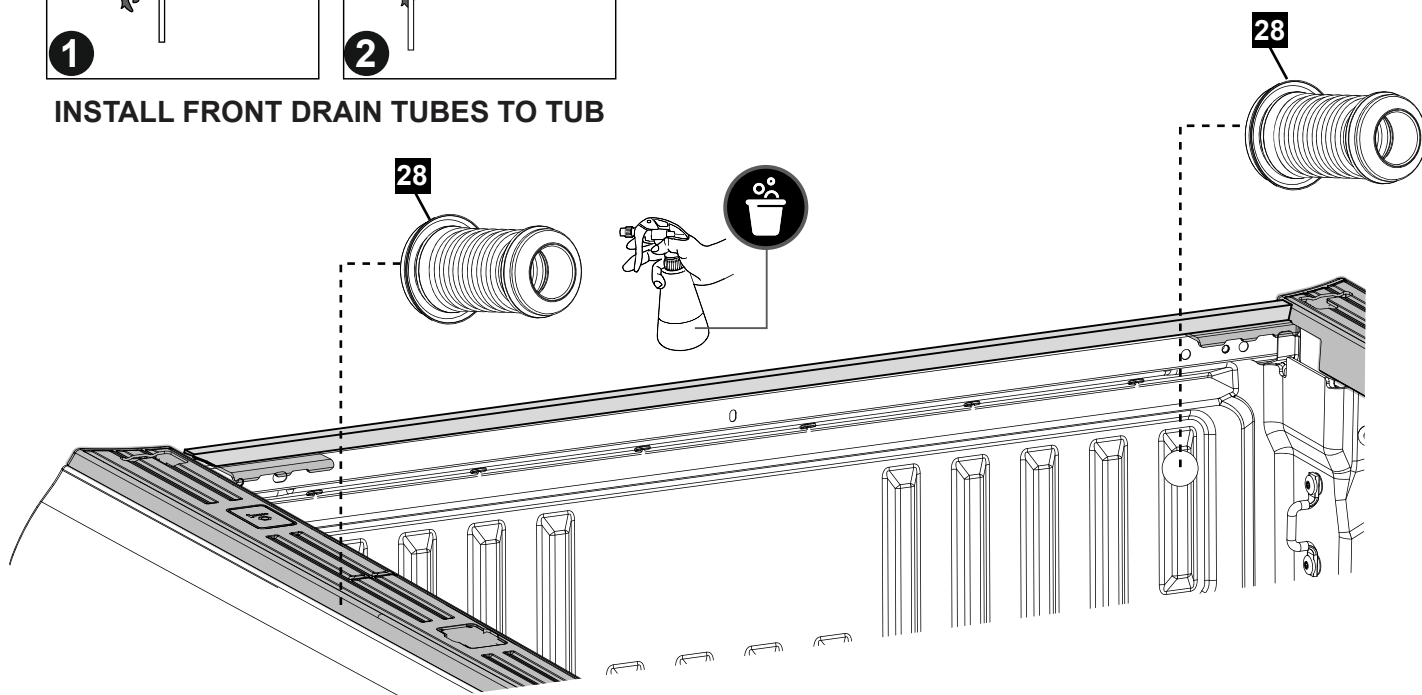
- 10** Fit the RHS mounting bar to the tub as shown. Secure with 4 screws (20) and nuts (25). Torque to 5.5Nm.
 NOTE: Level the bar by pushing it up till it contacts the tub (see section view).
 Turn the screw (19) up until the cap (18) contacts the inner tub sheet metal (see section view). Do not overtighten.



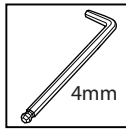
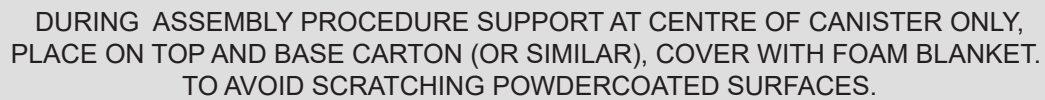
- 11** Fit the RHS rear mounting bracket to the tub and secure with 2 screws (21) and (22) as shown. Use 2x spacers (24) behind the bracket (screw (21) location) and 1x spacer (screw (22) location). Torque to 13.5Nm & 5.5Nm. Repeat for LHS.



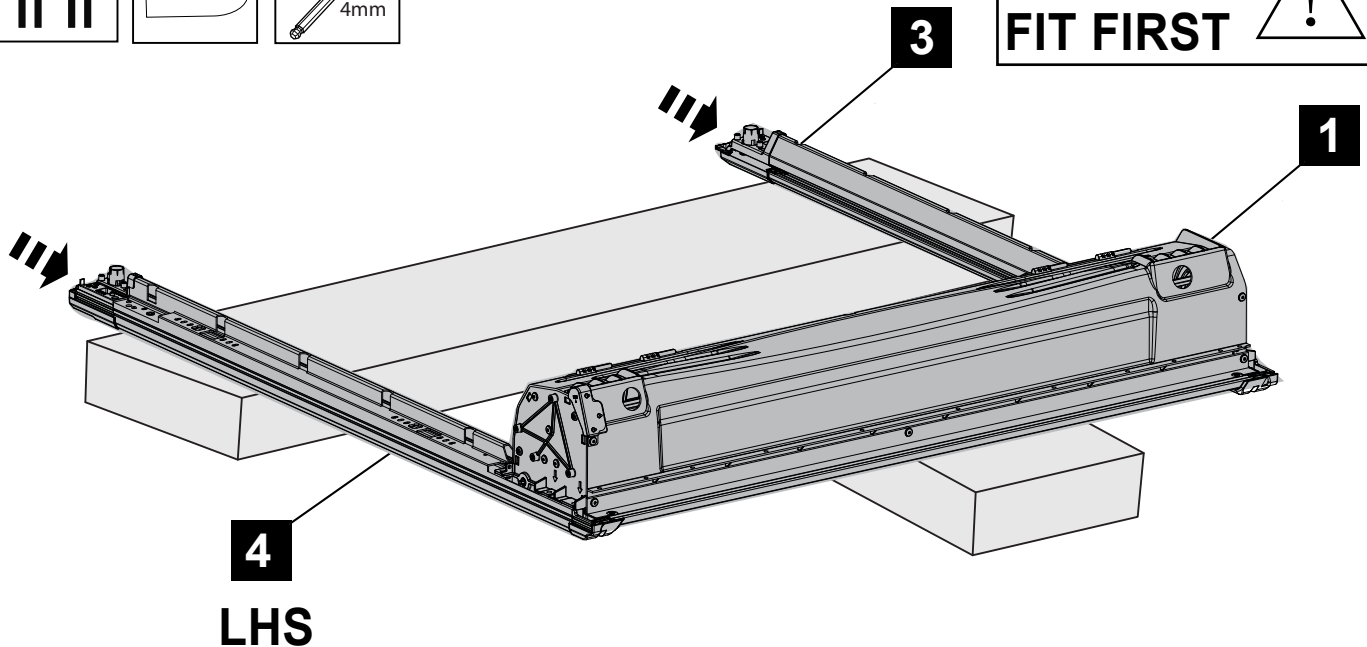
INSTALL FRONT DRAIN TUBES TO TUB



- 12** Connect the front drain tubes (8) to the tub. Make sure that both tubes engage over the wall of the tub. Leakage will occur if they are not properly installed.



RHS FIT FIRST



LHS

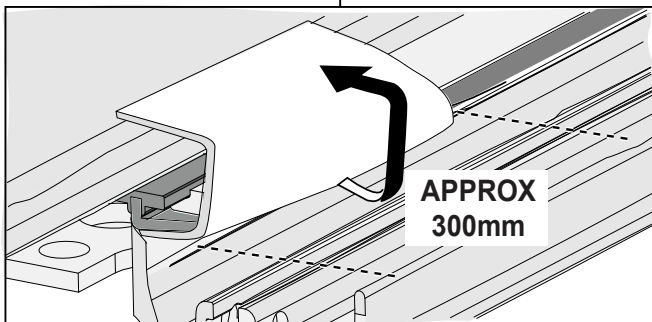
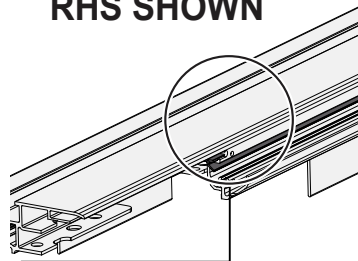
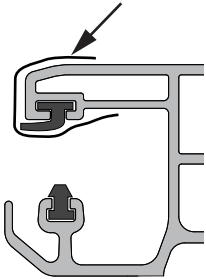
1



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

HOLD SEAL FLAT
USE CLOTH TAPE

RHS SHOWN



APPROX
300mm

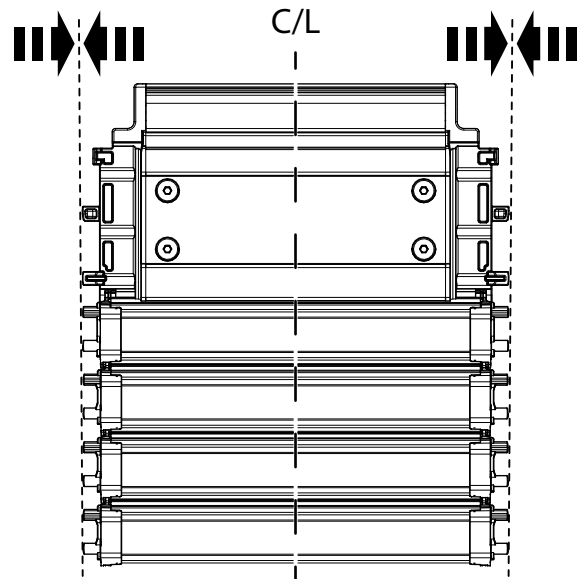
2



ATTENTION: EXPOSE 3 SLATS PRIOR TO FITTING SIDE RAILS.



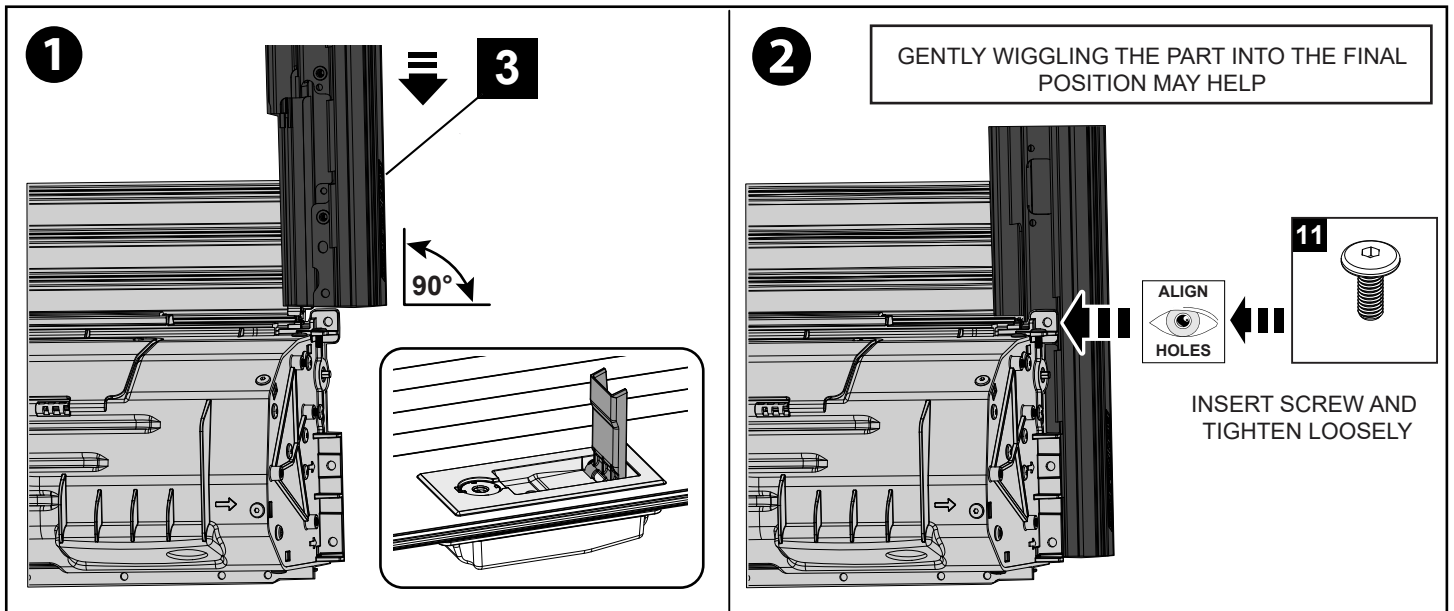
ENSURE ENDS ARE
ALIGNED & CENTRED



C/L

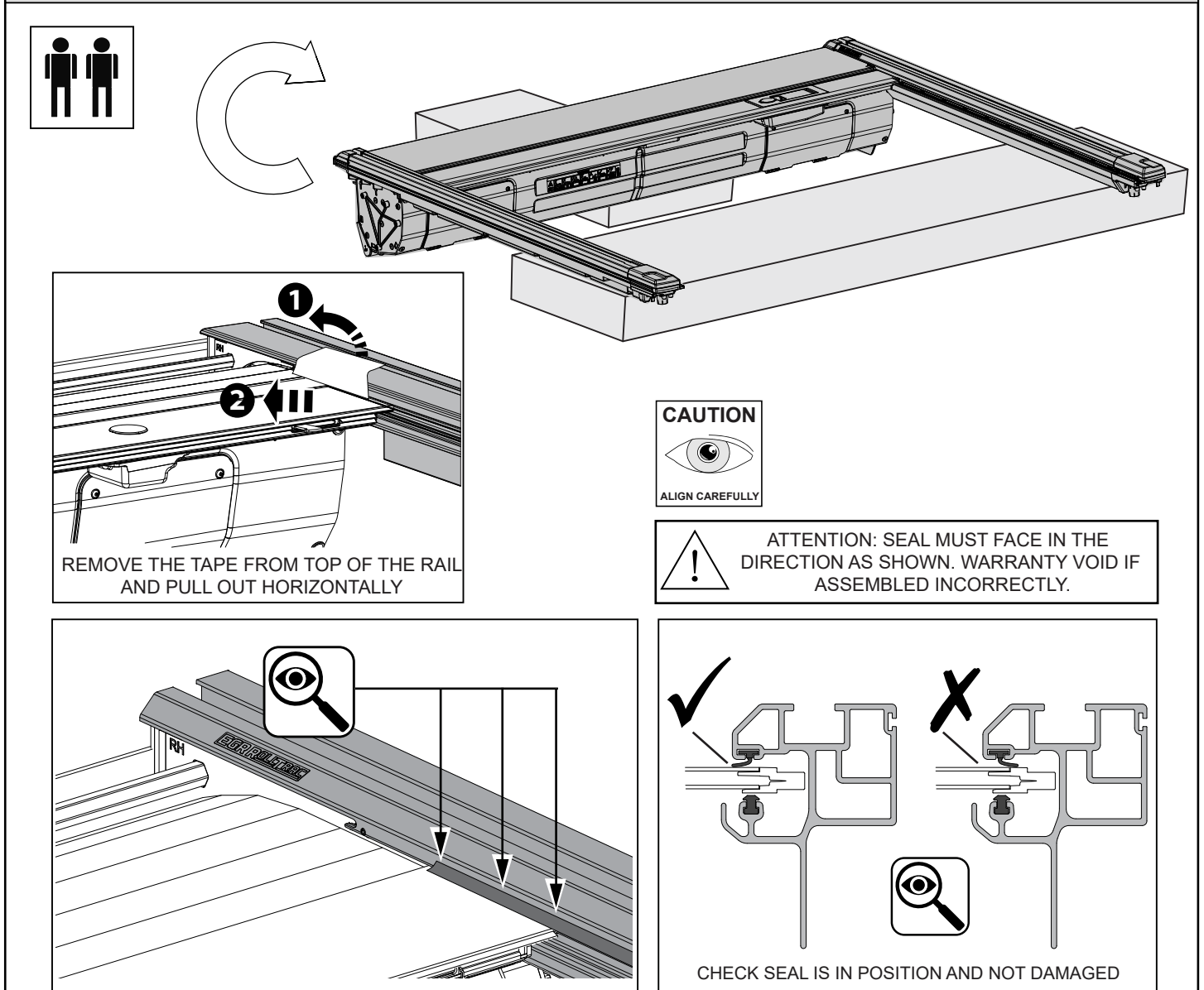
1 Place the canister (1) on two protected boxes as shown, ensure hand rail and slat ends are aligned. Tape up the seal on the Side Rail (3) as shown.

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

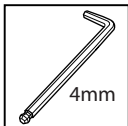


2 Pull hand rail to expose 3 slats. Fully open handle to retract brake pads. Slide the Rail over slat ends and onto endcap location pins. Align the holes and secure loosely with screws (11). Do not tighten. Repeat for LHS Rail (4).

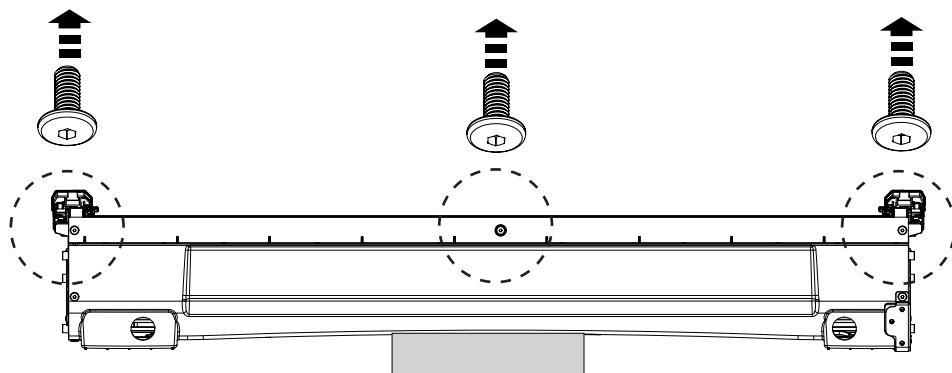
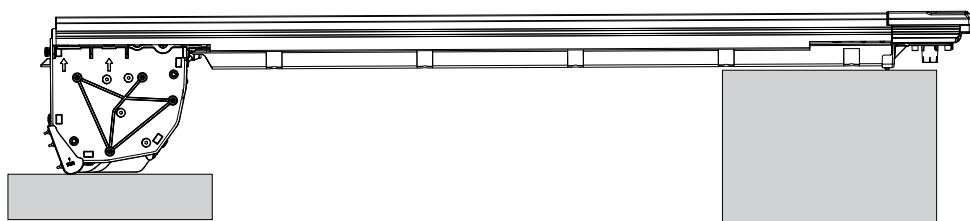
! ! DURING ASSEMBLY PROCEDURE SUPPORT AT CENTRE OF CANISTER ONLY, PLACE ON TOP AND BASE CARTON (OR SIMILAR), COVER WITH FOAM BLANKET. TO AVOID SCRATCHING POWDERCOATED SURFACES. **!**



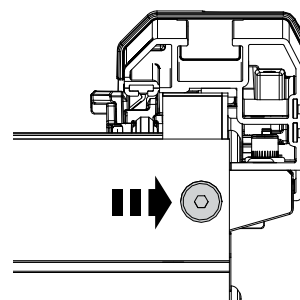
3 Carefully lay the assembly over onto a protected surface. Remove the tape holding the rubber seal and check the seal position as shown.



SIDE VIEW



REAR VIEW

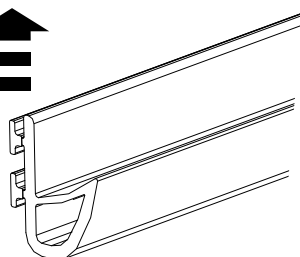


REMOVE AND RETAIN 3 SCREWS

- 4** Remove and retain the 3 pre-fitted screws from the rear of the cover which are used to secure the Front Cover (2) to the assembly. Ensure the product is not scratched or damaged when laying flat.

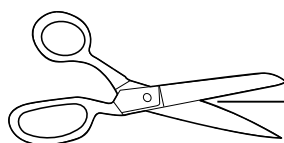
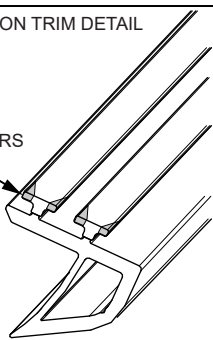
UP

SEAL ORIENTATION



EXTRUSION TRIM DETAIL

TRIM 4 CORNERS

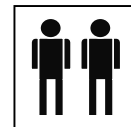


65mm

16

MUST
SPRAY
ENTIRE
RAIL

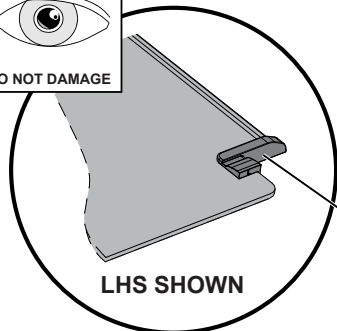
- 5** Spray the **ENTIRE Side Rail and Seal** with soapy water. Slide the side rail seal (16) into the side rail from the front rearwards and trim as illustrated. NOTE: Trim seal backing to aid assembly, see detail.



CAUTION



DO NOT DAMAGE



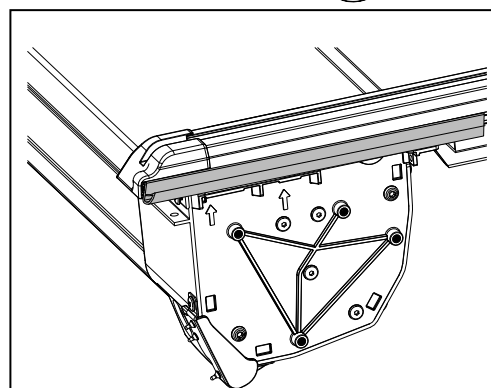
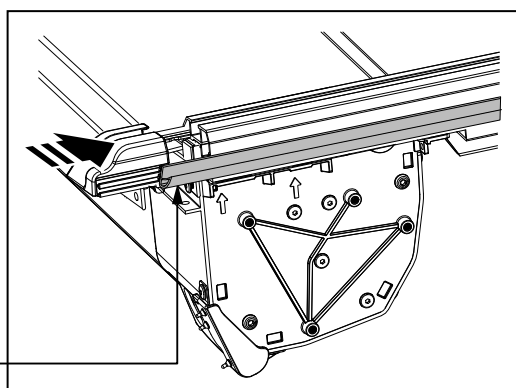
REMOVE TAPE SECURING
THE RUBBER CORNER SEAL

2

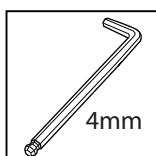
LHS SHOWN



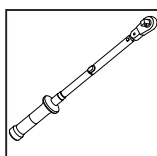
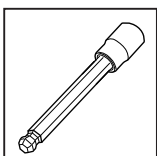
CHECK ALIGNMENT
OF CAST CONNECTORS



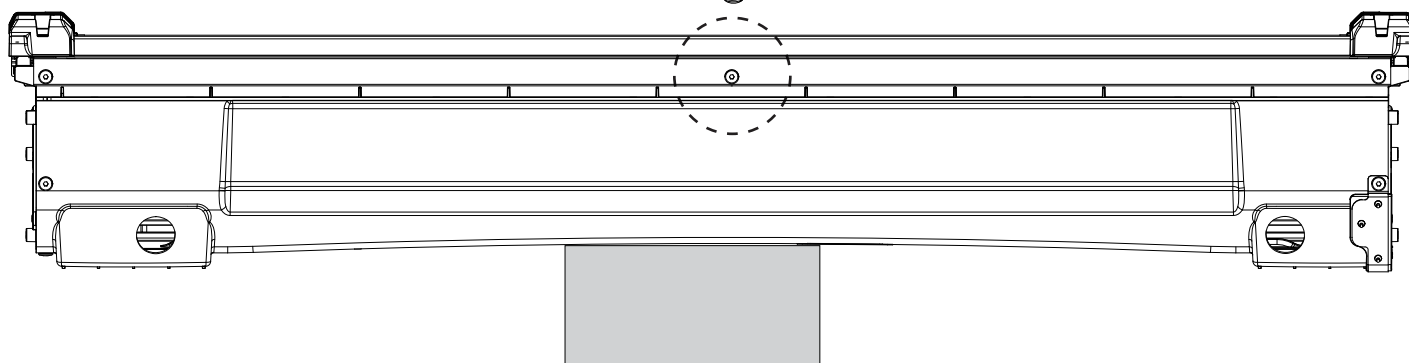
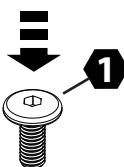
- 6** Slide the Front Cover (2) over the canister and into the side rail channels.
IMPORTANT: Spray the front cover edge with soapy water to allow it to slide easily into the sides, twisting side rails outwards will also help. You may need to adjust the casting position of the Front Cover (2) to ensure Seals insert smoothly.



4mm

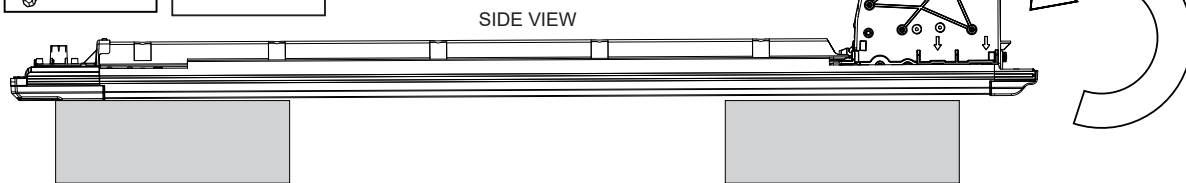
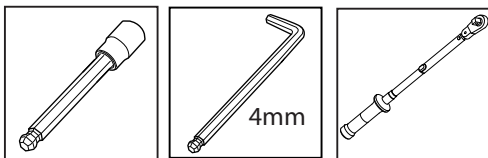


1 5.5 Nm

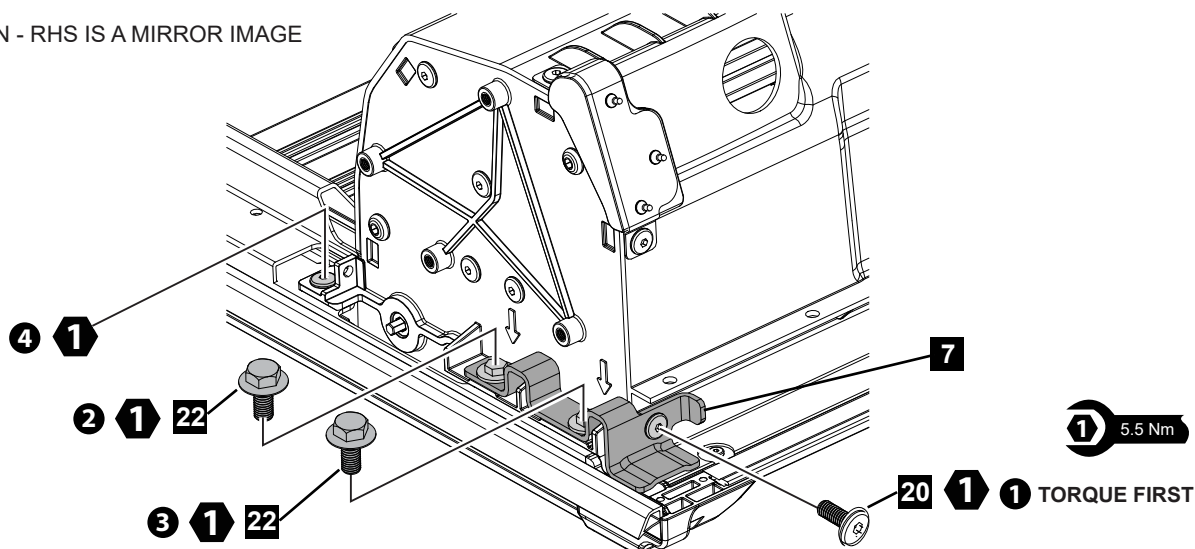


REAR VIEW

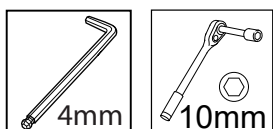
- 7** Using one screw removed in Step 4, secure the Front Cover (2) to the Canister Assembly (1) as shown and torque to 5.5 Nm.



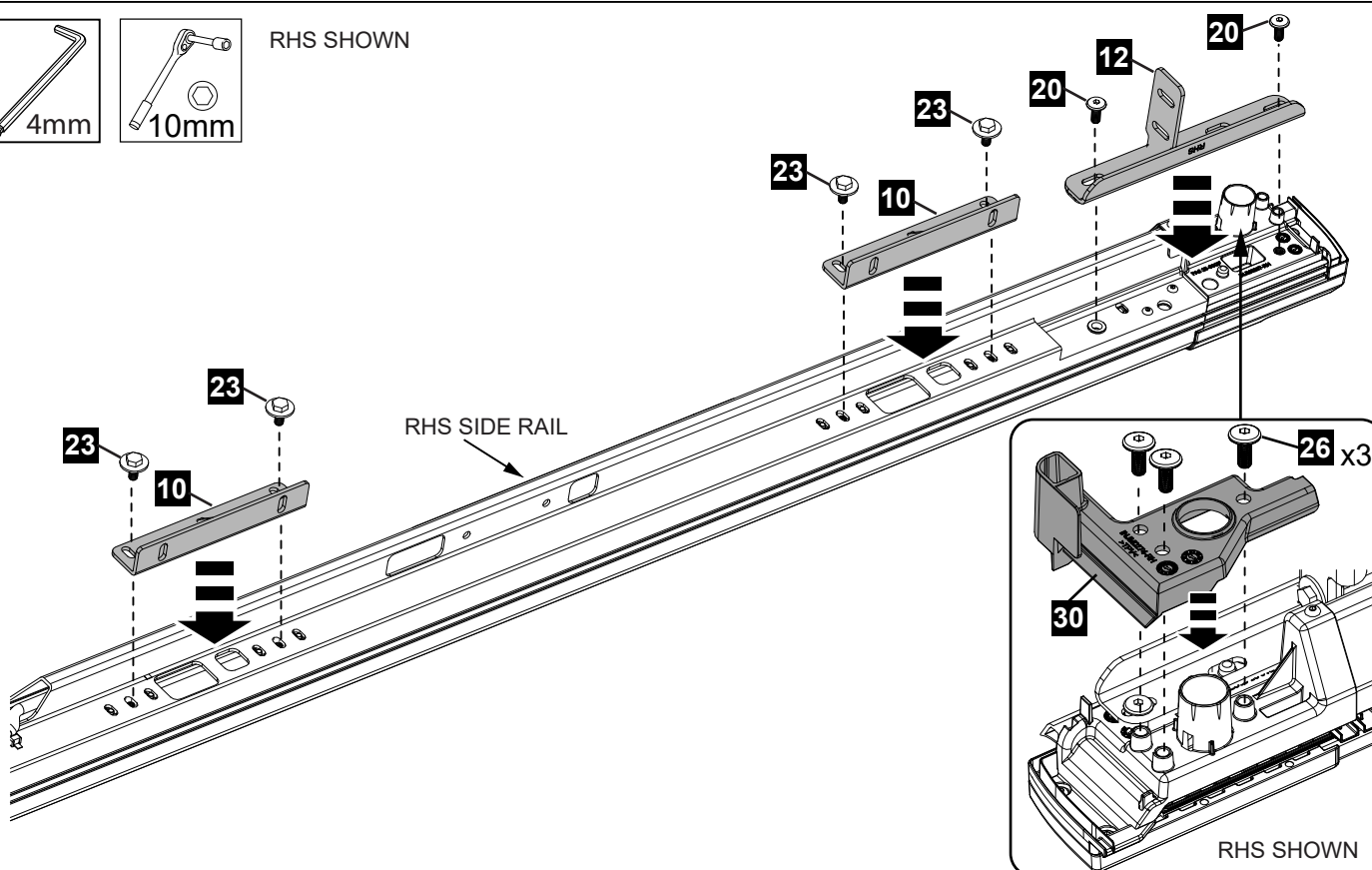
LHS SHOWN - RHS IS A MIRROR IMAGE



- 8** Carefully flip the assembly over onto a flat protected surface which will not damage the cover or scratch the paint work. Place the front mounting bracket (7) over the LHS base rail as shown and secure with 2x screws (22) and 1x screw (20) at the front of the Mounting Bracket (7). Torque to 5.5Nm in sequence shown. Repeat for RHS.



RHS SHOWN

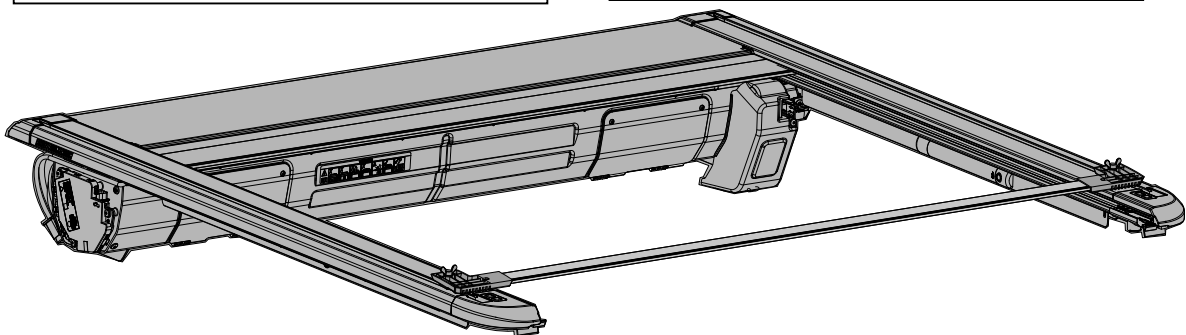
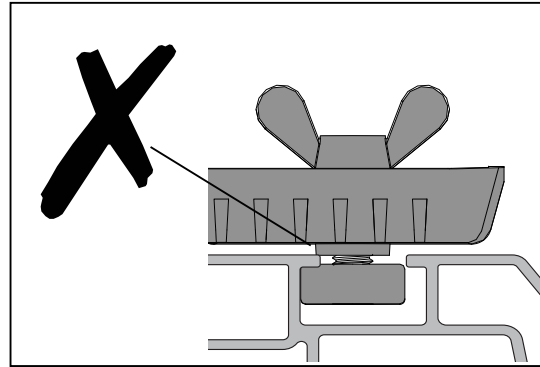
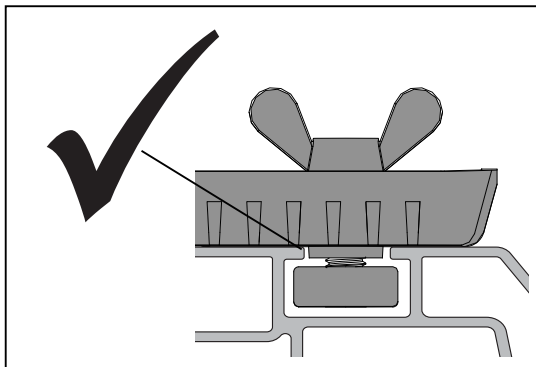
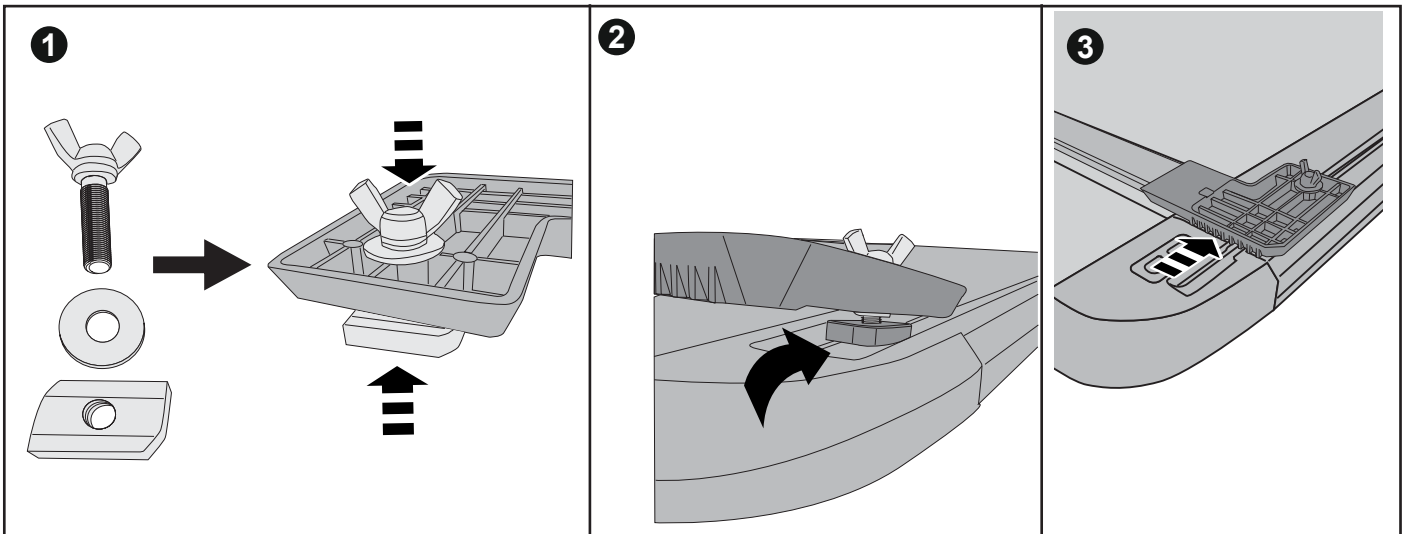
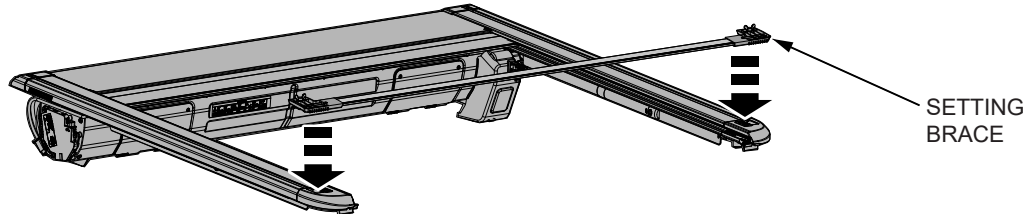


- 9** Install the Rear Mounting Bracket (12) to the RHS Side Rails using 2x screws (20) – tighten loosely at this stage. Install two mounting brackets (10) as shown and secure with screws (23), do not tighten yet. Repeat for LHS. Fit the RHS water duct (30) over the bottom of the RHS endcap and secure with 3 screws (26) as shown. **Important:** Hand torque screws (26) until fully seated (contact water duct surface). Repeat for LHS.

SETTING BRACE - USER GUIDE

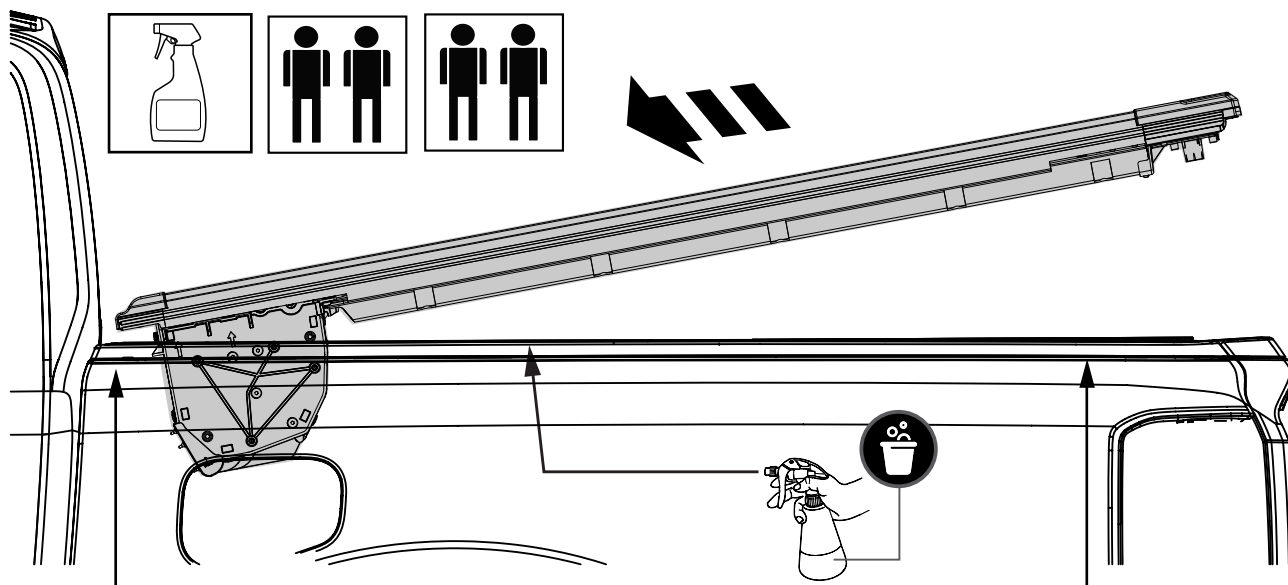


- NOT TO BE USED AS LIFTING DEVICE
- MEASUREMENTS ARE STILL REQUIRED AS PER THE FITTING INSTRUCTIONS
- SETTING BRACE SHOULD BE REMOVED ONLY WHEN SET UP IS COMPLETED

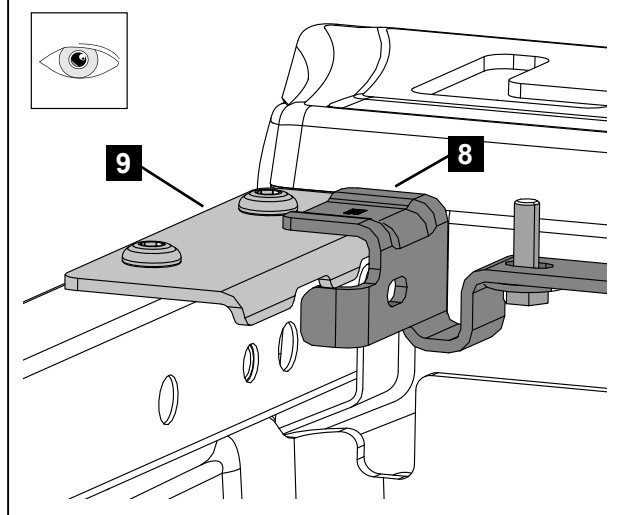


- 1 Setting Brace comes pre-assembled. Fit the T-Nuts with washers and wing screws as shown to both ends of the Setting Brace. Place the Setting Brace over the rear of the Rolltrac and slide the T-Nuts into the slots as shown. Once in position, slide the brace backwards till the plastic part of the brace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

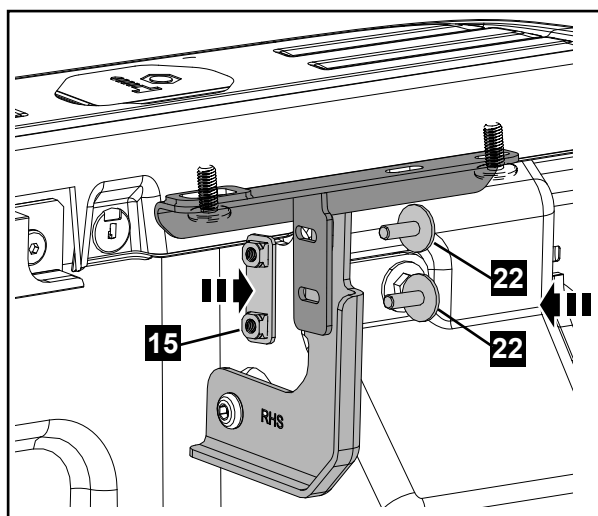
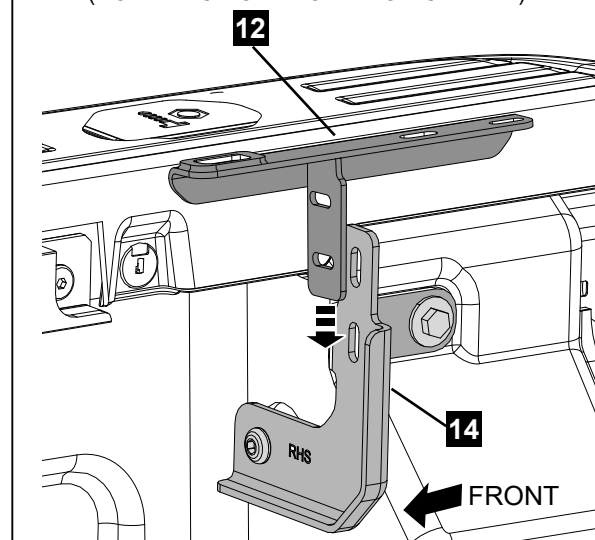
NOTE: Brace is equipped with locators at the bottom and those must be fitted into the side rails. Tighten the wing bolt (finger tight only).



FRONT H-BAR CORNER BRACKET ENGAGEMENT WITH FRONT MOUNTING BRACKET - DETAIL VIEW (ROLLTRAC NOT SHOWN FOR CLARITY)



REAR MOUNTING BRACKET ENGAGEMENT WITH REAR SUPPORT BRACKET - DETAIL VIEW (ROLLTRAC NOT SHOWN FOR CLARITY)

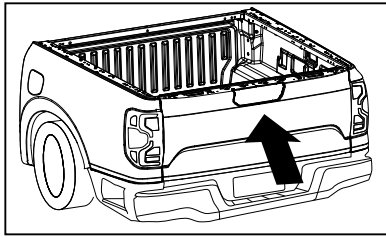
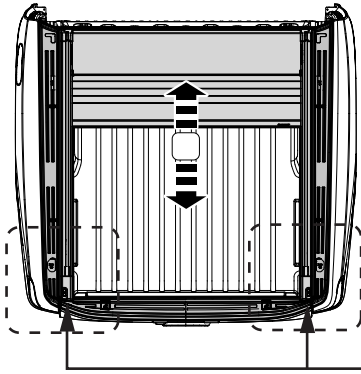


- 1** Spray the side rails seals with a soapy water solution to enable the Rolltrac to slide easily. Using two people on either side and one (or two) in the centre (to support and guide canister weight) place the cover carefully onto the header bar at front, as shown in detail.

Note: Present RollTrac from a low height (max 50mm above side rails) to avoid damage to product.

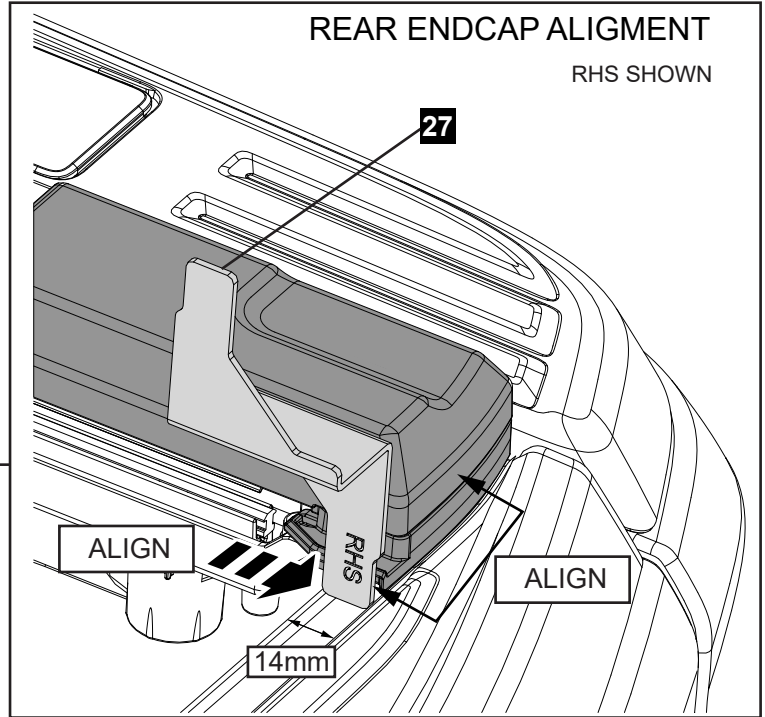
Note: The front mounting brackets (7&8) must engage with the header bar corner bracket (9) as shown in detail. Join the two rear brackets (12&14) using the nut plate (15) and two screws (22). Do not torque at this stage.

FRONT / REAR ADJUSTMENT



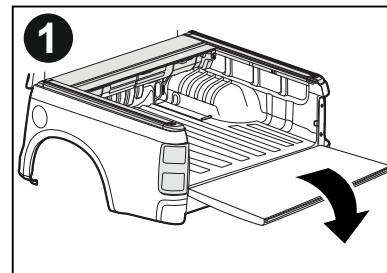
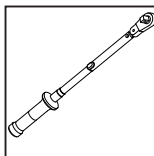
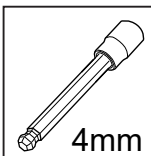
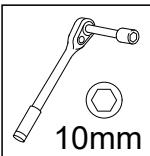
REAR ENDCAP ALIGNMENT

RHS SHOWN

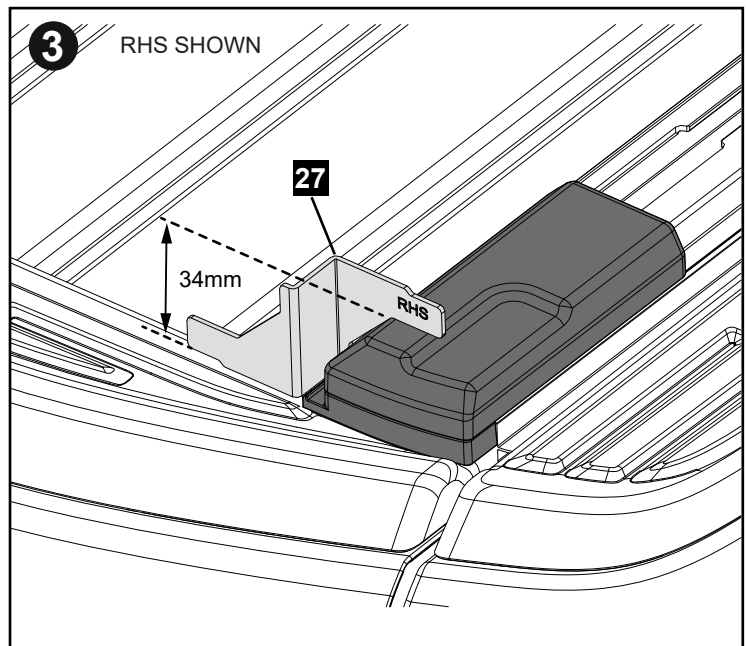
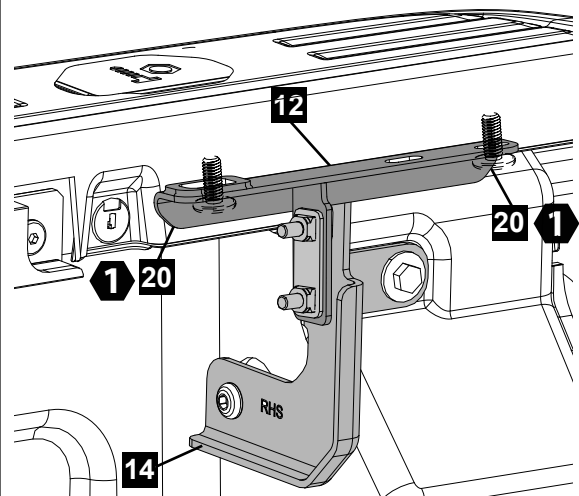


- 2** Lift the side rails to avoid damage to the rubber seals and carefully close the tailgate. Using the setup jig (27) adjust the Rolltrac rearwards position. Place the jig on top of the tailgate as shown and move the Rolltrac to align the rear of the endcap with the setup jig as shown, target offset is 14mm. Repeat for LHS.

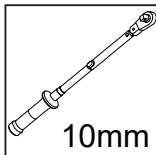
HEIGHT ADJUSTMENT



- 2** REAR MOUNTING BRACKET ENGAGEMENT WITH REAR SUPPORT BRACKET - DETAIL VIEW (ROLLTRAC NOT SHOWN FOR CLARITY)

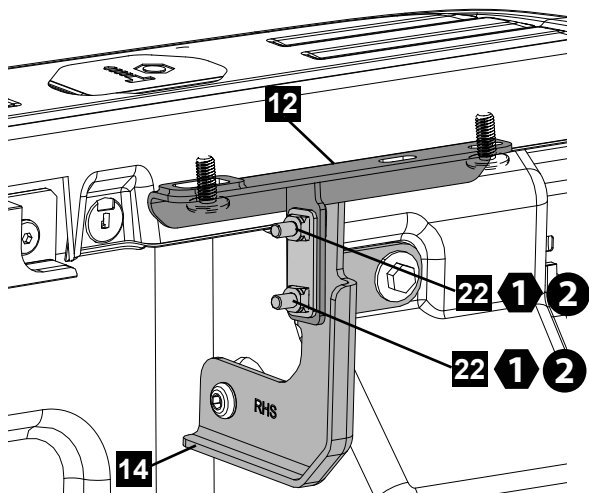


- 3** Open the tailgate carefully not to move the Rolltrac. Torque the top (20) screws securing the bracket (12) to the side rail to 5.5Nm. Lift the side rails to avoid damage to the rubber seals and carefully close the tailgate. Place the setup jig (27) on top of the tailgate as shown and move the Rolltrac up or down till the endcap touches the jig (27), (target offset is 34mm).



1 5.5 Nm

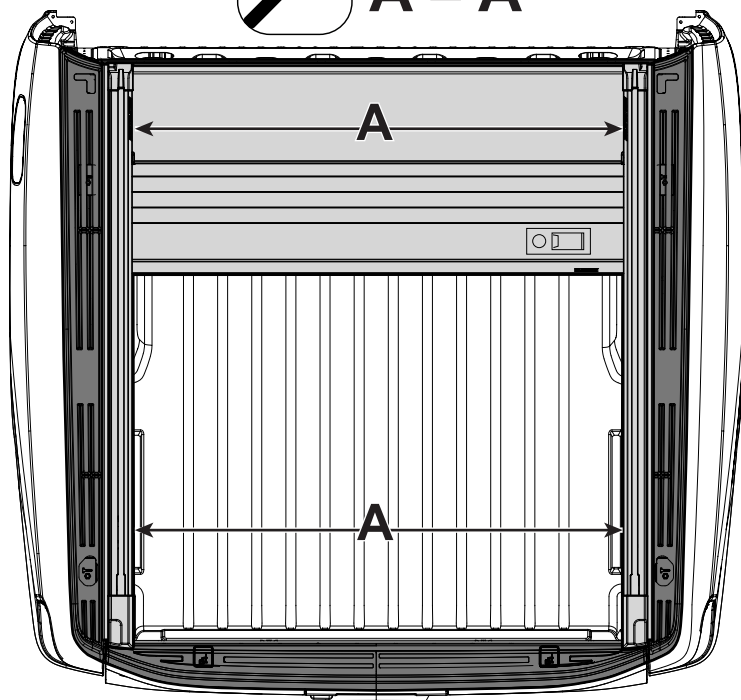
REAR MOUNTING BRACKET ENGAGEMENT
WITH REAR SUPPORT BRACKET - DETAIL VIEW
(ROLLTRAC NOT SHOWN FOR CLARITY)



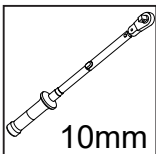
RHS SHOWN



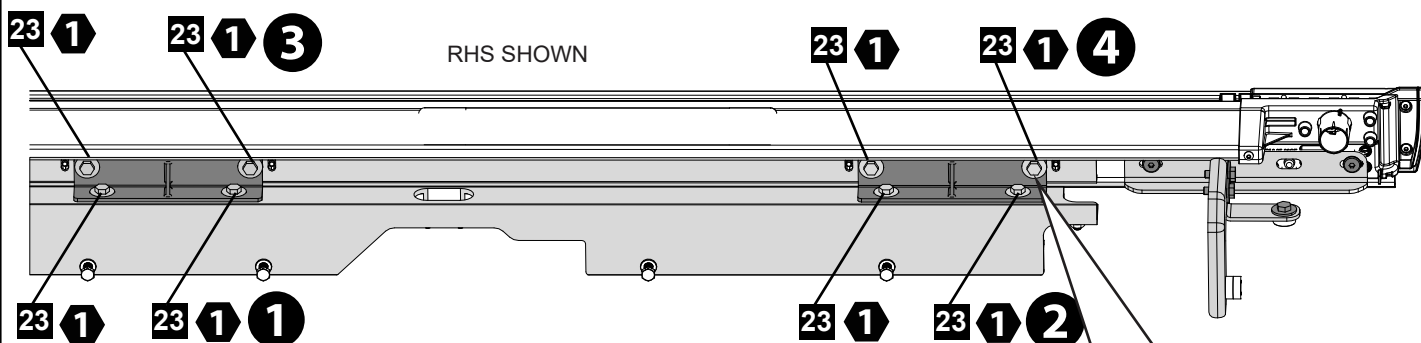
A = A



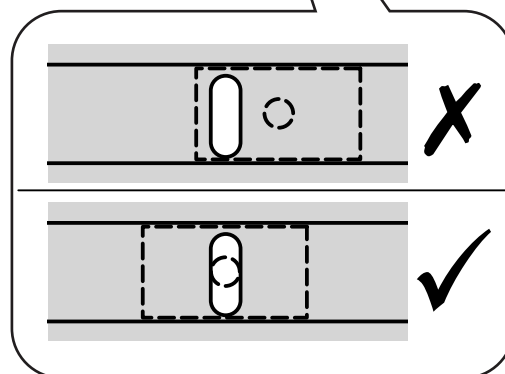
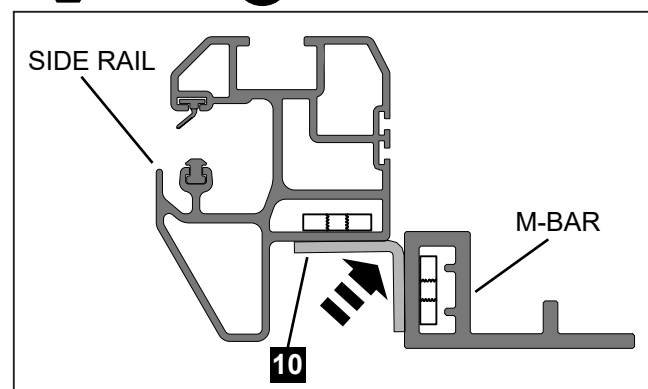
- 4 Next, on LHS torque the screws (22) joining the two brackets to 5.5Nm. Before applying torque to the opposite side, check the side rail width (A) at the front and adjust the rear to the same value. While holding the siderail in place, torque the screws on RHS.



1 5.5 Nm



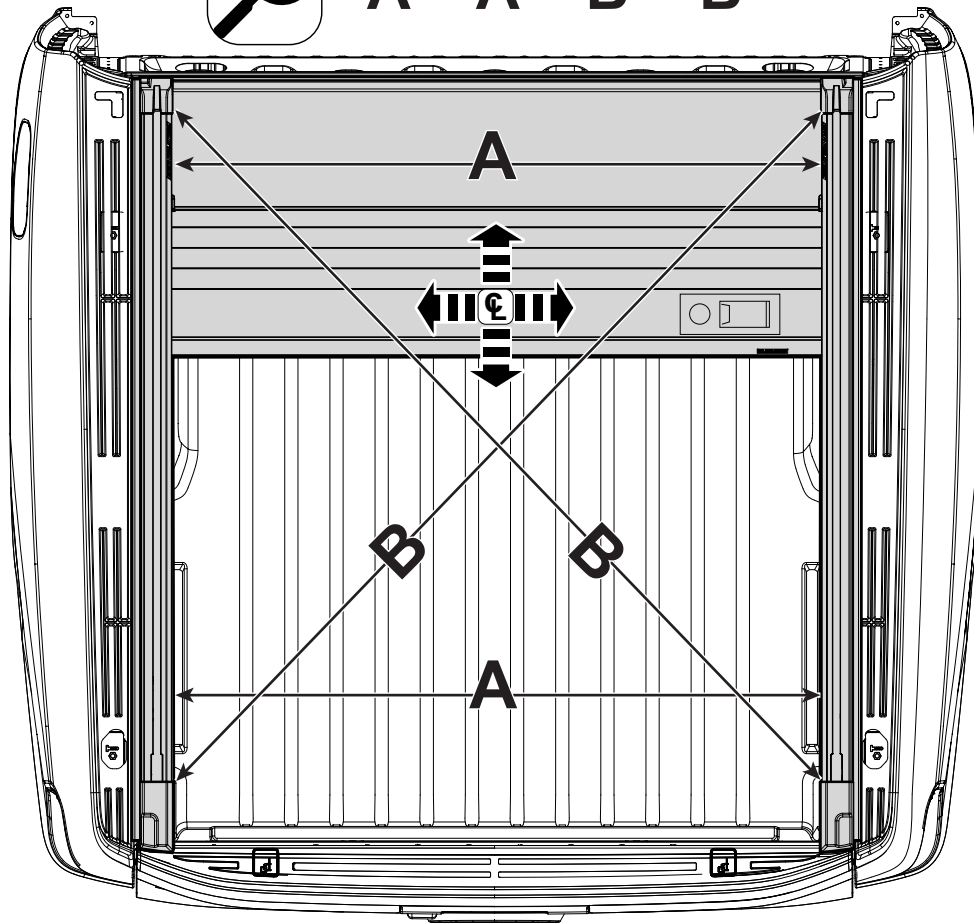
RHS SHOWN



- 5 Push brackets (10) into position against mounting bar and side rail as shown in detail. Align taped plates (inside the M-BAR) with holes in brackets using a scribe or small screwdriver. Install and torque all screws to the specified settings in the order shown. Repeat for LHS.

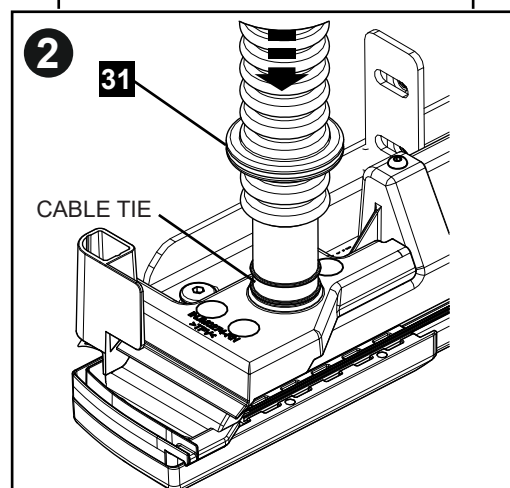
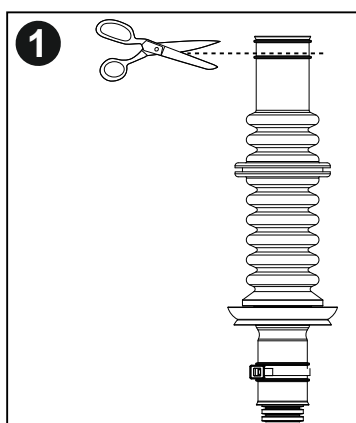
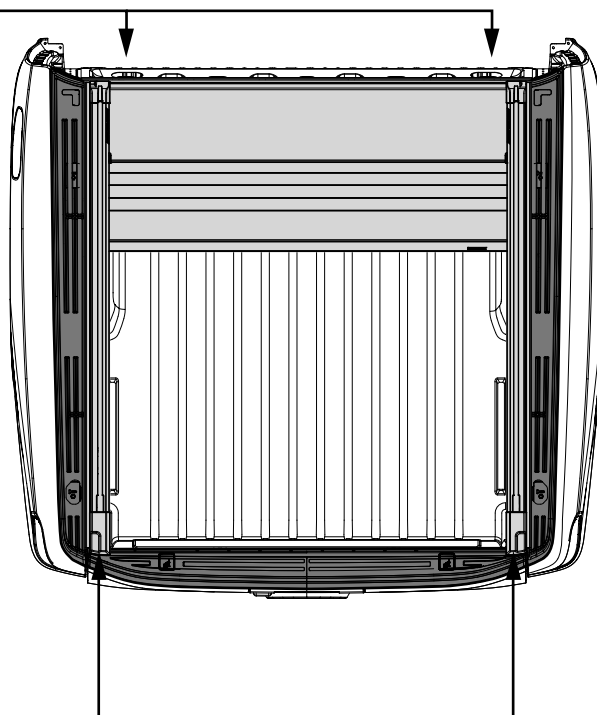
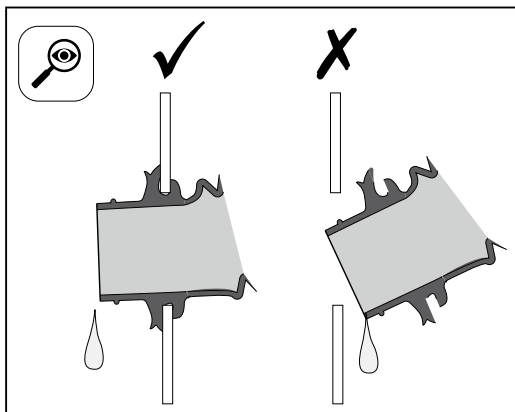


A = A B = B



PERFORM FITMENT CHECK

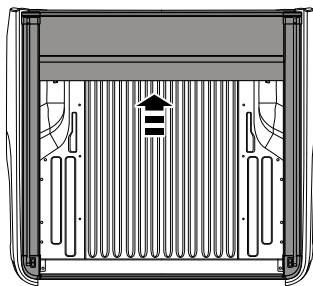
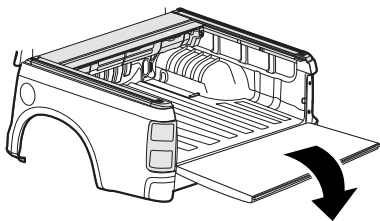
- 6** Perform width and diagonal fitment check (bolts may need loosening for adjustment). Open and close the cover by hand, checking for smooth operation and consistent 1.5-2.0mm side to side free-play of slat assembly within side rails. If there are any tight spots, then re-adjust side rail width as described in previous steps. Remove the setup brace.



- 7** Check fitment and if required, trim the tube just above the bottom rib. Connect the RHS rear drain tube to the endcap and secure with a zip tie as shown. Repeat for LHS. Connect the front drain tubes to the canister. Use soapy water solution to help rubber slide over the fitting.

SILICONE LUBRICATION TO THE SPIRALS (MODELS MAY VARY, IMAGES FOR REFERENCE ONLY)

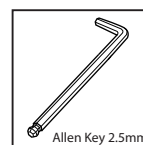
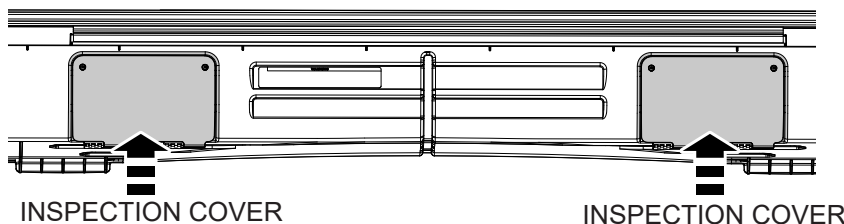
- 1** Open tailgate and EGR Rolltrac



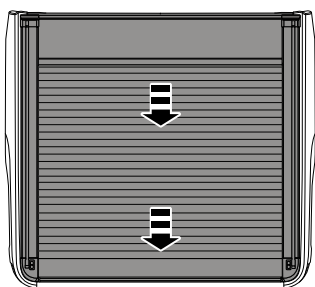
TOOLS REQUIRED:



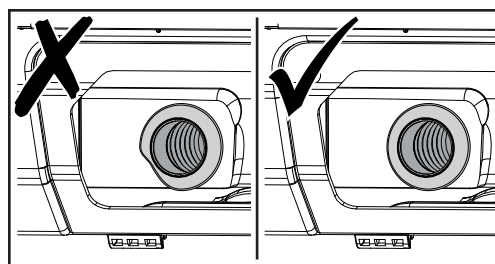
- 2** Using a 2.5mm Allen Key remove the 4 screws and open the inspection covers.
WARNING: Keep clear of moving parts and avoid unnecessary operation of the EGR Rolltrac while inspection covers are open.



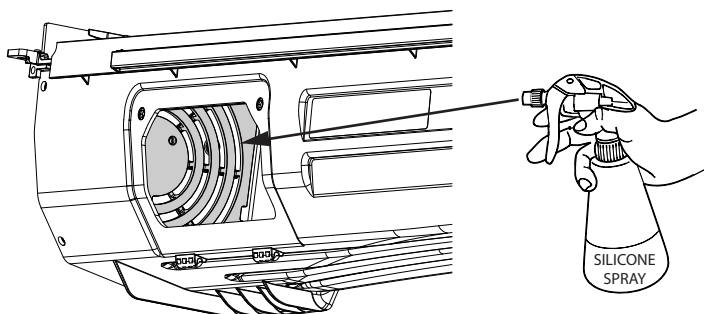
- 3** Close the EGR Rolltrac to access canister internals



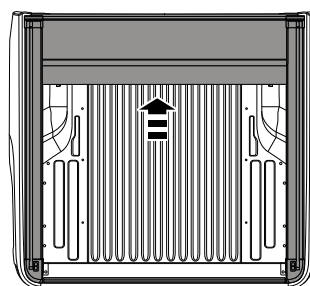
- 4** To avoid water leaks, look into the inspection points and check that the flanges of both front drain tubes are correctly engaged to the canister cover (without any kinking etc.), readjust if required.



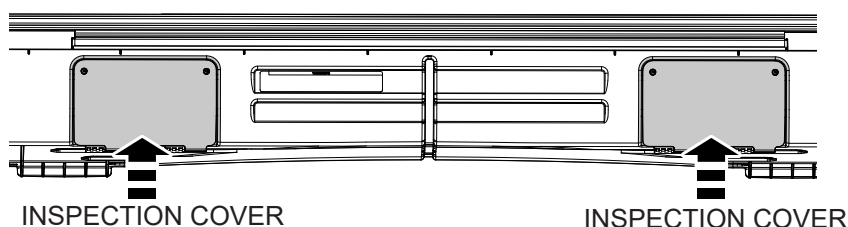
- 5** Using plastic compatible 100% Silicone Spray (ONLY) spray onto the spirals on both ends of the canister through the inspection points.



- 6** Open the EGR Rolltrac

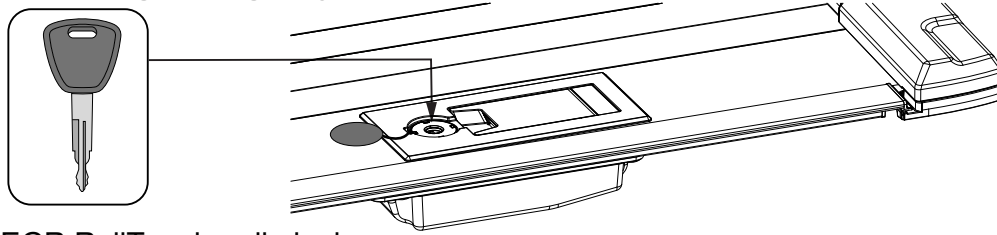


- 7** Close the inspection covers and secure with retained screws. Open and close the EGR Rolltrac to distribute lubricant and check operation.



LOCKING, OPENING & CLOSING PROCEDURE

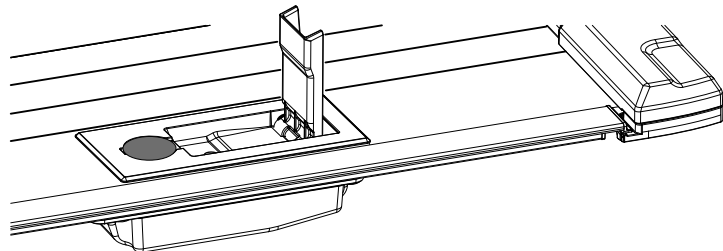
Locking / unlocking using key:



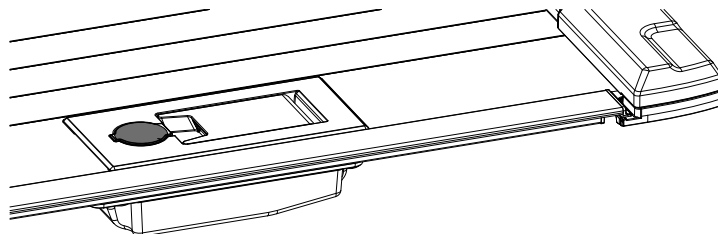
1. Ensure the EGR RollTrac handle is down.
2. Open the rubber cap covering the lock and using the provided key turn LEFT (CCW) to lock and RIGHT (CW) to unlock the hand rail.
3. Check latch engagement by opening the tailgate, if lock does not engage recheck EGR RollTrac installation. Ensure the lock 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:



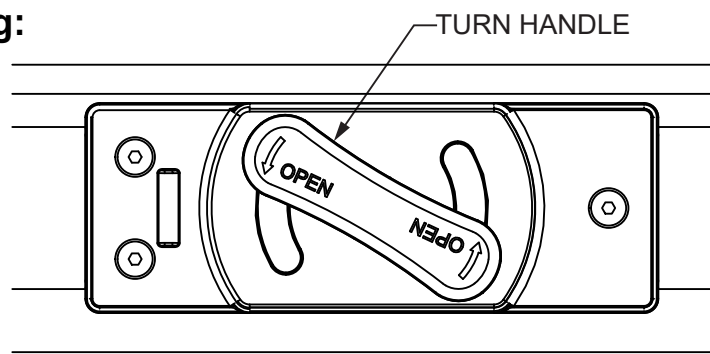
Lift the handle up to 90 degree, in order to disengage brake and slide the hand rail.



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.