

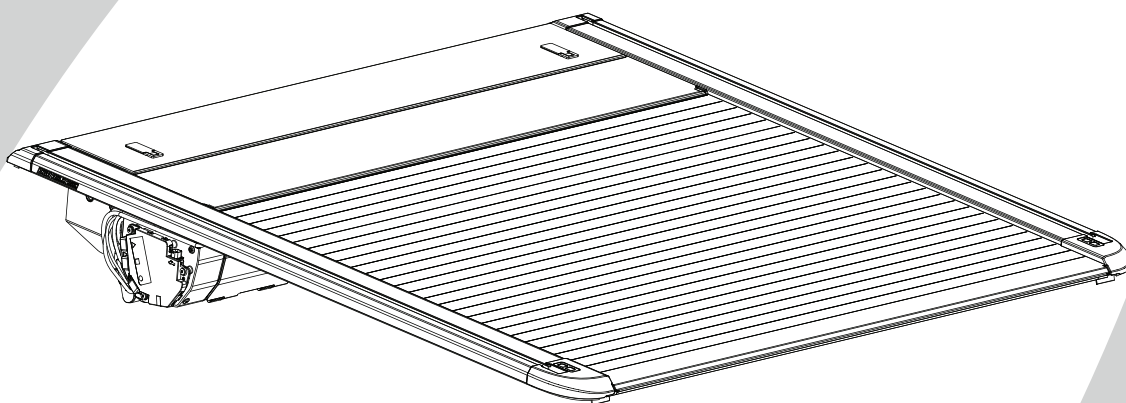
INSTALLATION INSTRUCTIONS

EGR ROLLTRAC

ELECTRIC

Vehicle Model: JEEP GLADIATOR (RH DRIVE)

Year of manufacture: 2020 onwards



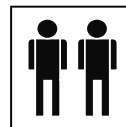
Installation time: 180 minutes

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

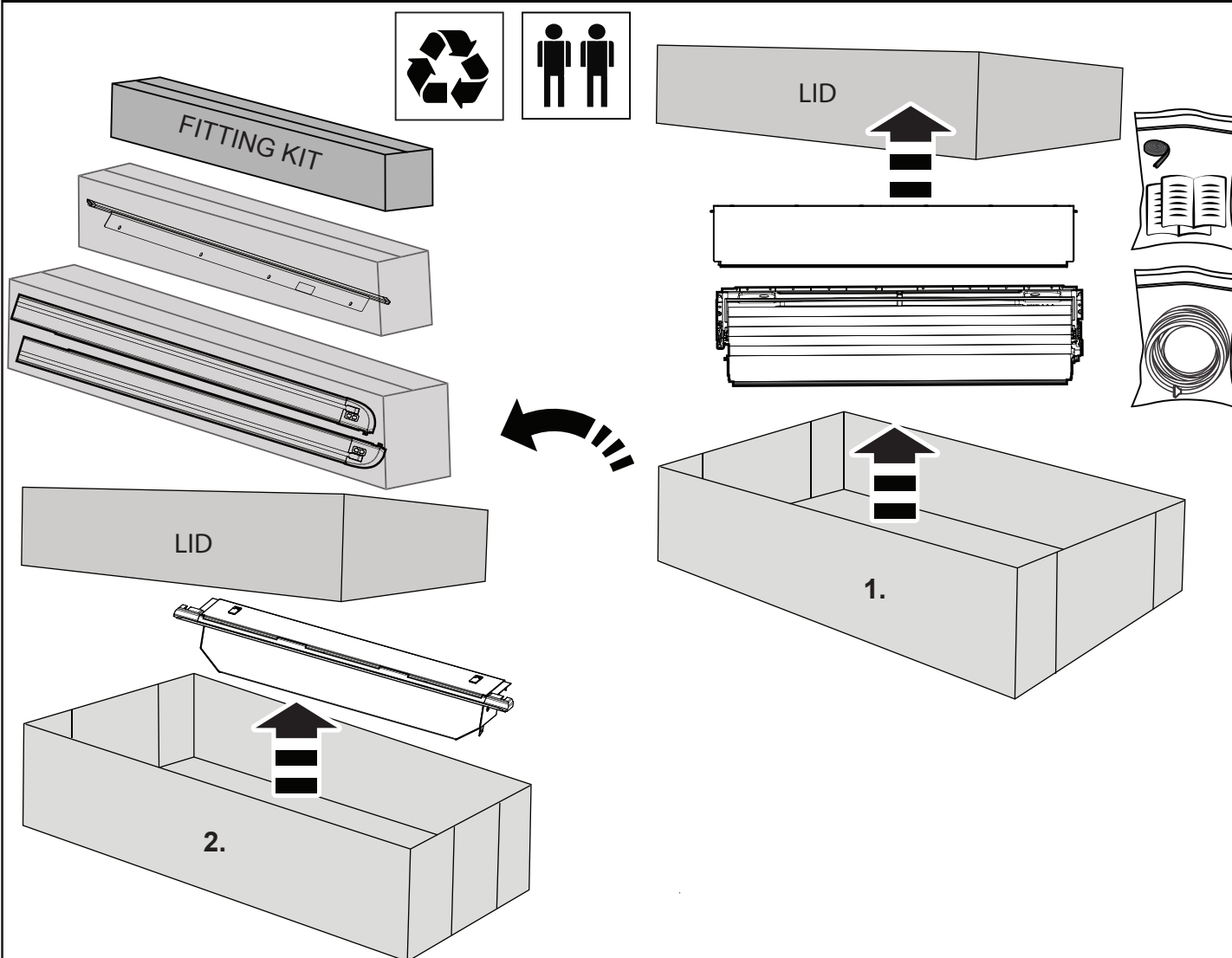
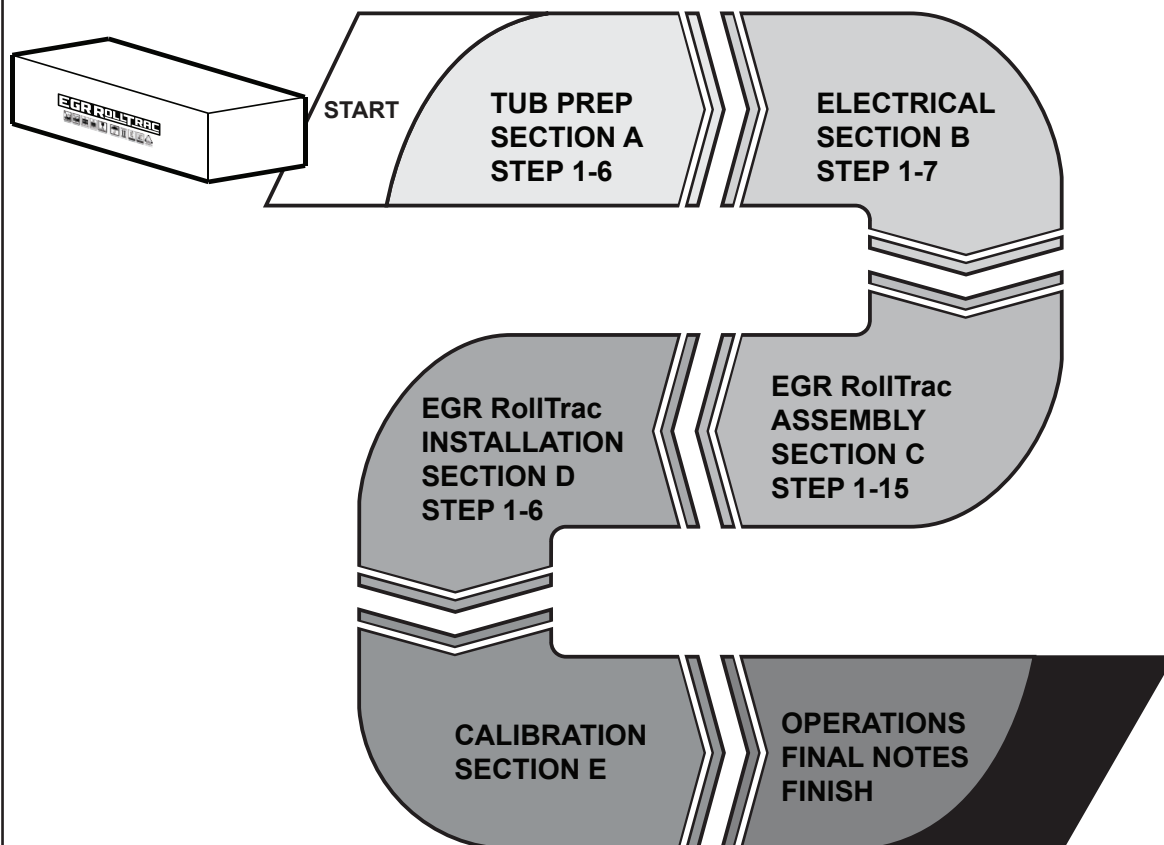
- Read through the fitting instructions before installation of EGR RollTrac.
- Always install the accessory following the fitting instructions. Failure to do so may cause damage to the vehicle or the accessory.
- Ensure all recyclable discarded vehicle accessory components and packaging are recycled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



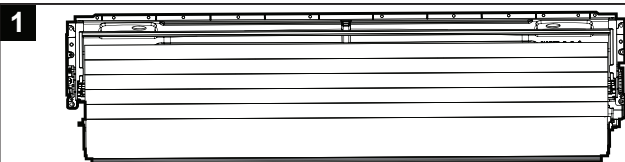
Safety Notes

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

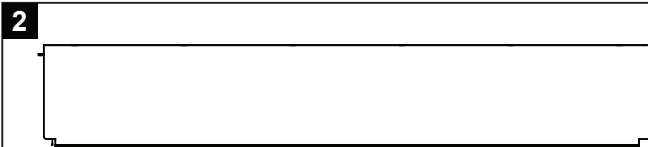




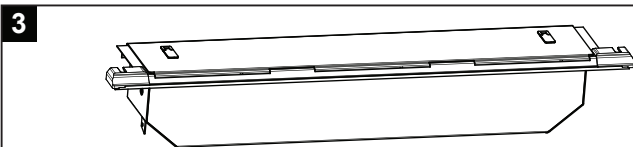
KIT CONTENTS - COMPONENT NUMBER AND QUANTITY



CANISTER ASM. QTY: 1



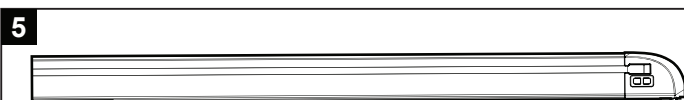
FRONT COVER QTY: 1



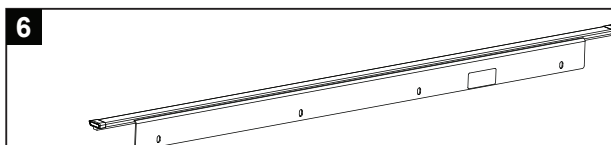
UTILITY BOX QTY: 1



LHS RAIL QTY: 1

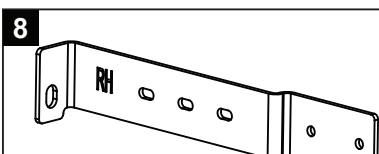


RHS RAIL QTY: 1

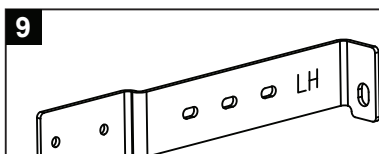


HEADER BAR QTY: 1

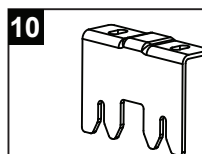
EGR RollTrac FITTING KIT IN BOX



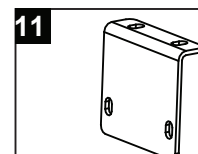
MISC5420RH
FRONT MOUNTING BRACKET
QTY: 1



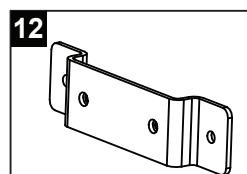
MISC5420LH
FRONT MOUNTING BRACKET
QTY: 1



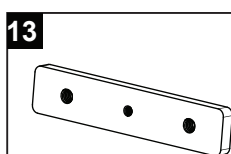
MISC5539
DATUM BRACKET
QTY: 2



MISC5422
SIDE RAIL BRACKET
QTY: 4



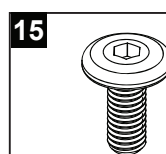
MISC5421
MOUNTING BRACKET
QTY: 4



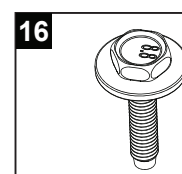
MISC5540
DATUM PLATE
QTY: 2



NUTS0306
M6 CHANNEL NUT
QTY: 12



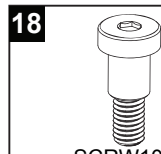
SCR0974
SCREW M8X25MM
QTY: 2



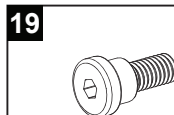
SCR0997
SCREW M6
QTY: 5



SCR0973
SCREW M6X15MM
QTY: 44



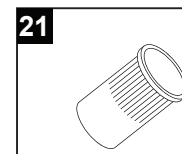
SCR1016
SHOULDER BOLT
M6X20MM
QTY: 4



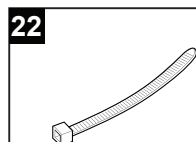
SCR0972
SHOULDER BOLT
M4
QTY: 2



WASH0275
SPACER
QTY: 4

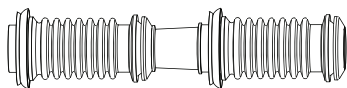


M8 NUTSERT
QTY: 2



CONST0097
CABLE TIE
QTY: 12

25



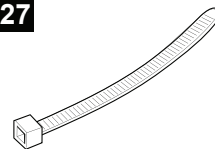
FRONT DRAINAGE TUBE
QTY: 2

26



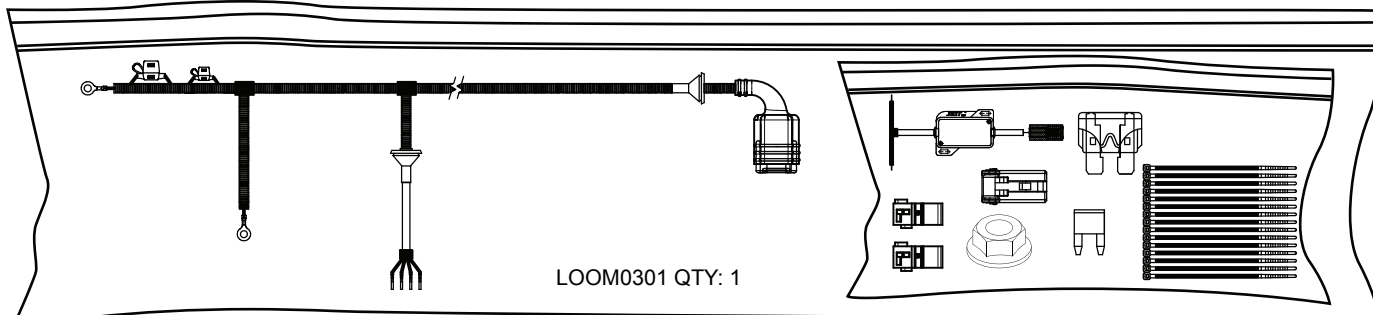
REAR DRAINAGE TUBE
QTY: 2

27



CABLE TIE
600mm
QTY: 6

EGR RollTrac FITTING KIT COMPONENTS IN BAGS



LOOM0301 QTY: 1

EGR RollTrac FITTING KIT ADDITIONAL ITEMS

INSTALLATION
INSTRUCTIONS



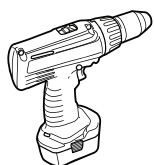
OWNERS
MANUAL



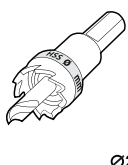
RUBBER
EXTRUSION
QTY: 2



TOOLS REQUIRED - NOT SUPPLIED IN KIT



Drill



Holesaw

Ø24mm
Ø29mm
Ø38mm



Centre Punch & Hammer



Drill Stop

Ø4.0mm
Ø11.0mm
Ø14.0mm

Drill Bits



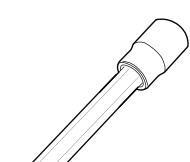
Scissors



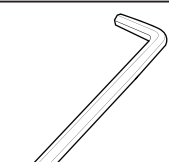
Masking Tape
Fiberglass Tape
Black Cloth Tape



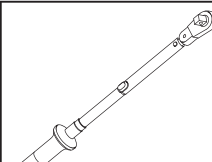
Ratchet & Sockets
7,10,13mm



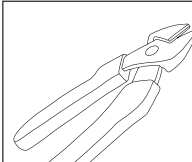
Allen Key 4 & 5mm



Allen Key 2.5 & 4mm



Torque Wrench



Side Cutters



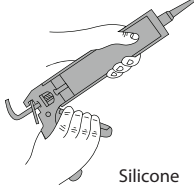
Soapy Water



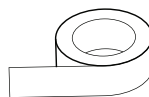
50/50
Isopropyl Alcohol/Water



Rust Inhibitor



Silicone



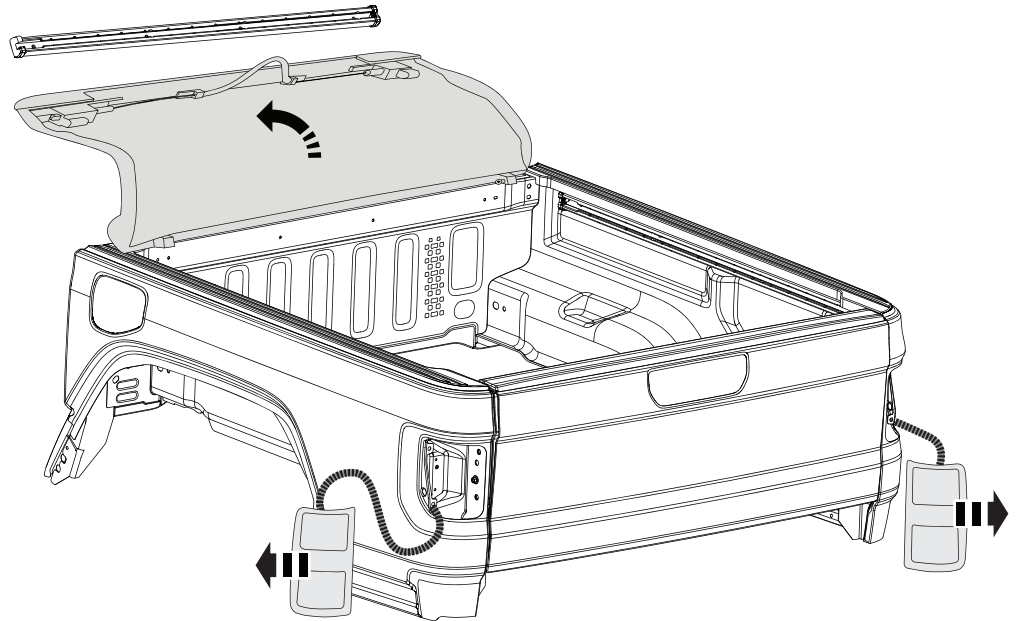
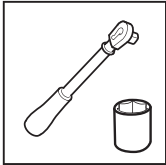
Anti-abrasion tape to seal
holes & slots



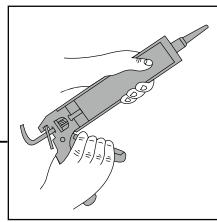
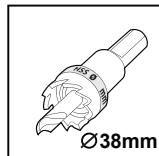
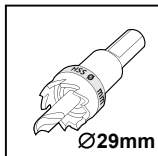
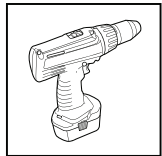
Silicone Spray

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

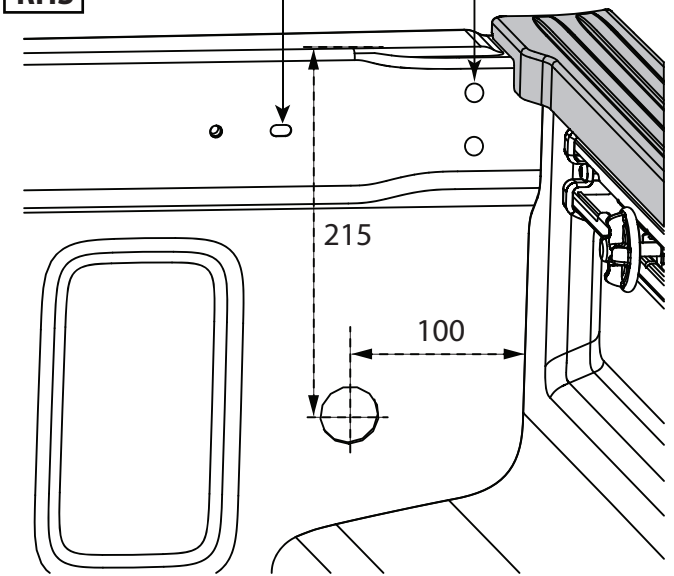
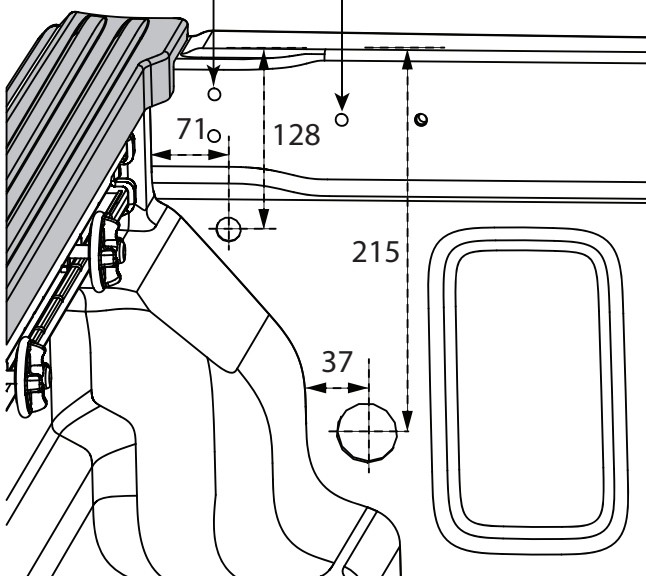


- 1** Carefully remove any accessories (Soft Tonneau Cover with brackets, etc.) attached to the tub of the vehicle, if fitted. Remove the front utility rack bar. **Note:** do not remove the side utility bars. Remove the tail lights and store safely. Clean the top of the tub and dry.

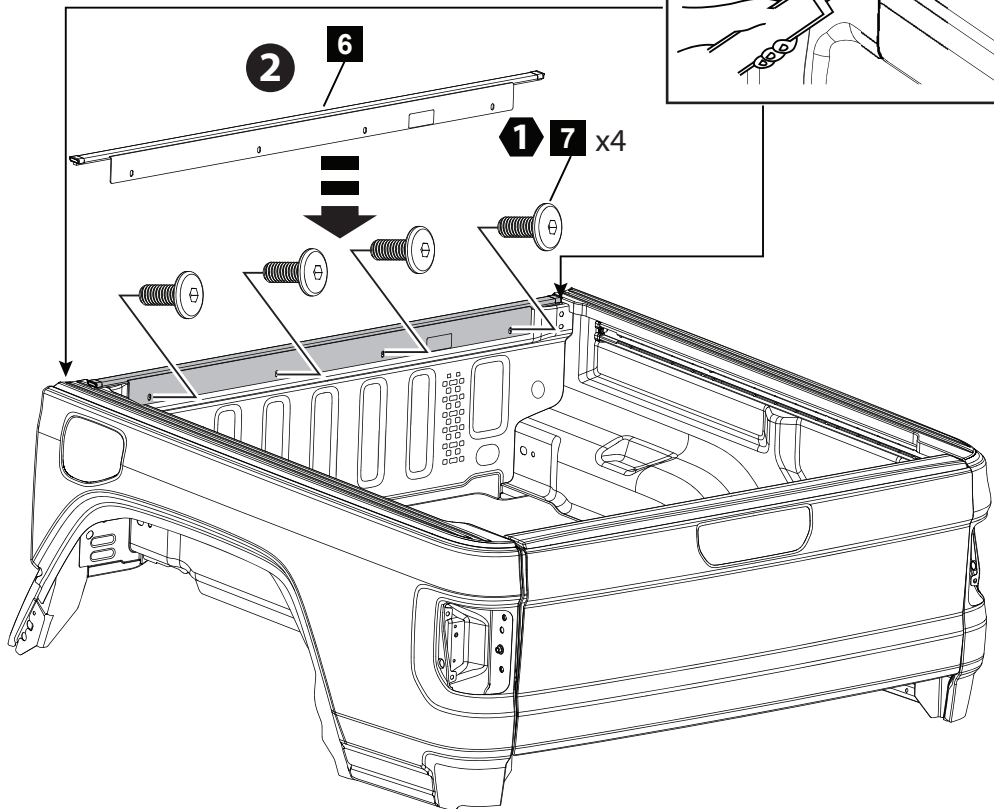
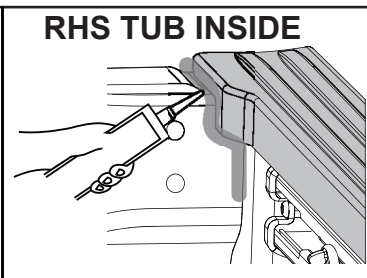
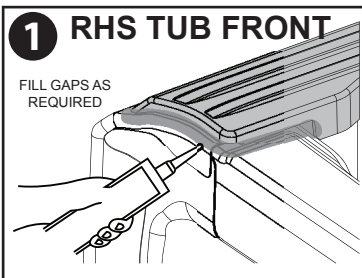
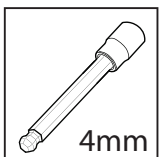


LHS

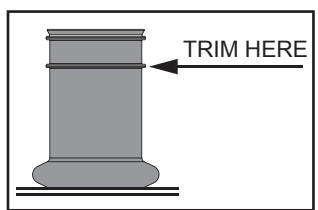
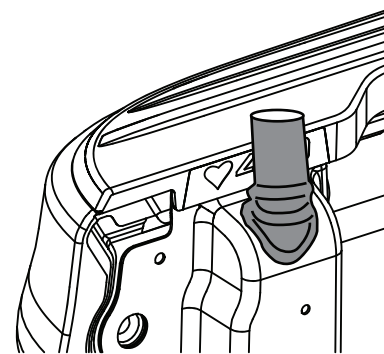
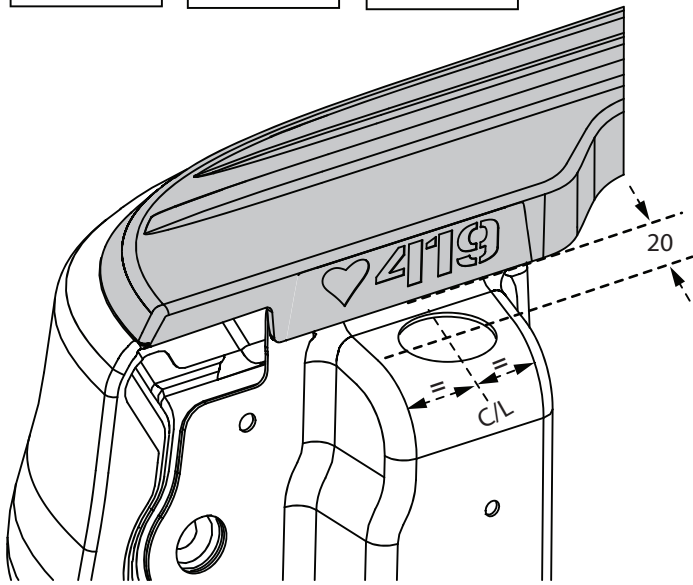
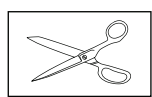
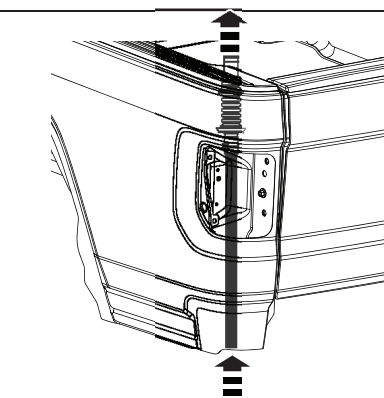
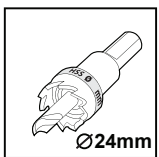
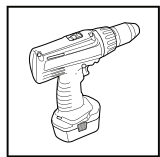
RHS



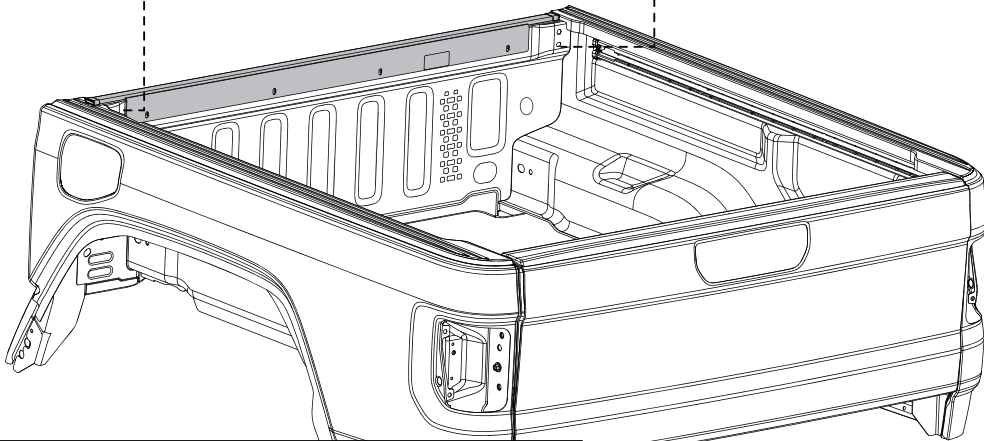
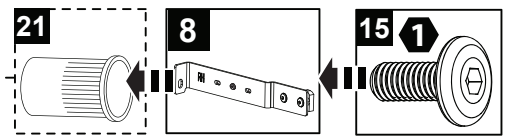
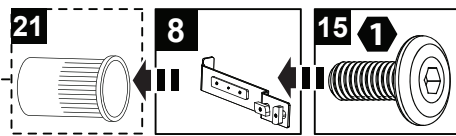
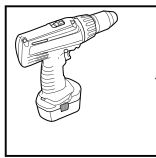
- 2** Mark the position of the front drain holes and the vehicle harness in the tub front panel, centre punch the hole and drill the smaller hole on the top left with 29mm holesaw. Drill the drain tubes holes with 38mm holesaw. Clean all burrs and coat the exposed metal with a suitable rust preventative (not supplied). **Note:** Horizontal dimensions are taken from top surface of the tub. Vertical dimensions taken from the corner of the outside panels as shown. **Important:** Cover with Silicone the 4 holes in the tub, as shown.



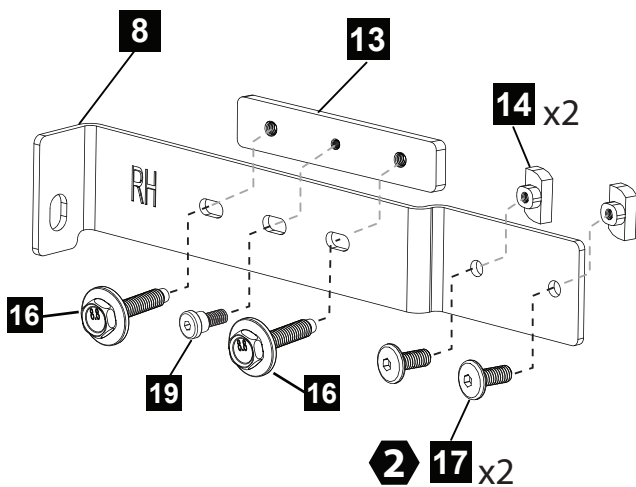
3 Silicone the gap between the panels as shown on both sides. Place the header bar (6) on top of the tub front panel, press down and secure with 4 M6 screws (7). Torque to 5.5Nm.



4 Mark the position of the rear drain holes and in the tub rear panel, centre punch the hole and drill with 24mm holesaw. Clean all burrs and coat the exposed metal with a suitable rust preventative (not supplied). Fit the rear drain tubes from the inside of the tail lamp cavity up through the drilled hole.
Note: Pull only one rib through the hole, the tube needs to be trimmed as shown.

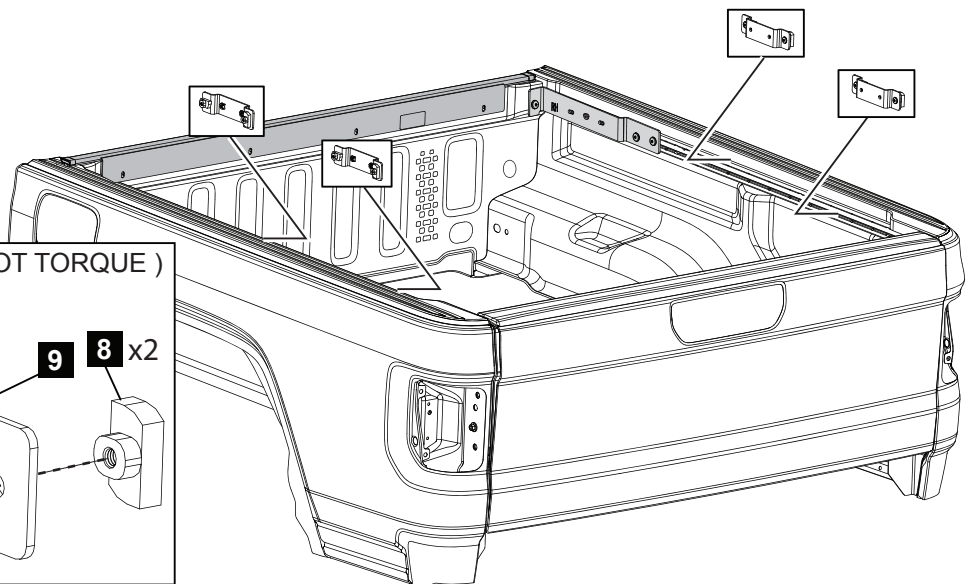
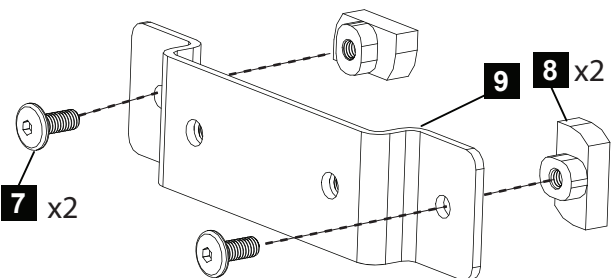


FRONT BRACKET ASSEMBLY (DO NOT TORQUE)



- 5** If there is no thread in the lower holes in the front tub rail, try to fit Nutserts (21) in. If not fitting, drill up to the size of Nutserts (measure the Nutsert diameter to confirm drill bit size). Assemble the front brackets as shown in detail. Fasten the front brackets to the tub using screw (15) and torque to 9Nm. Fit the two M6 screws (17) and torque to 5.5Nm.

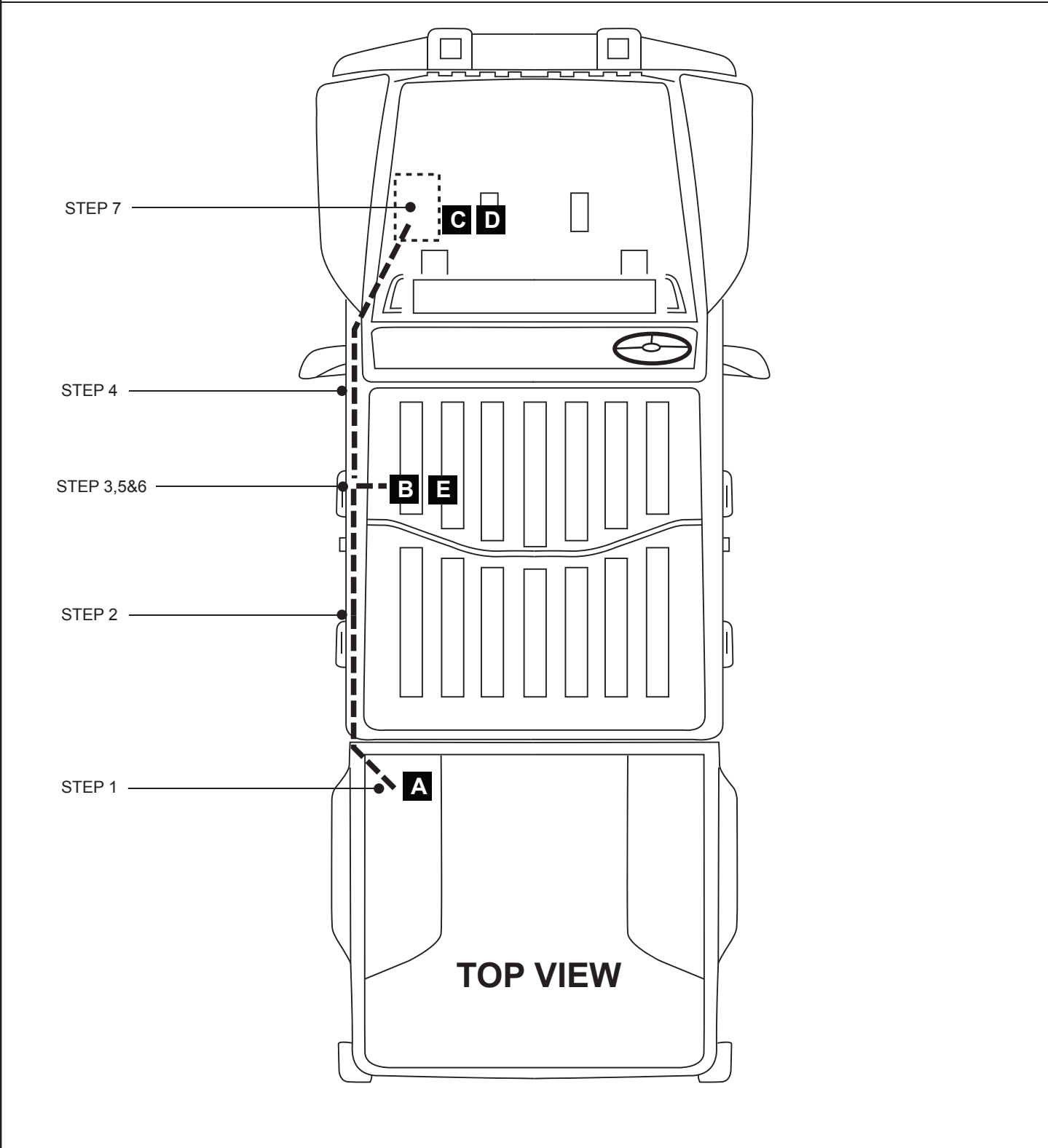
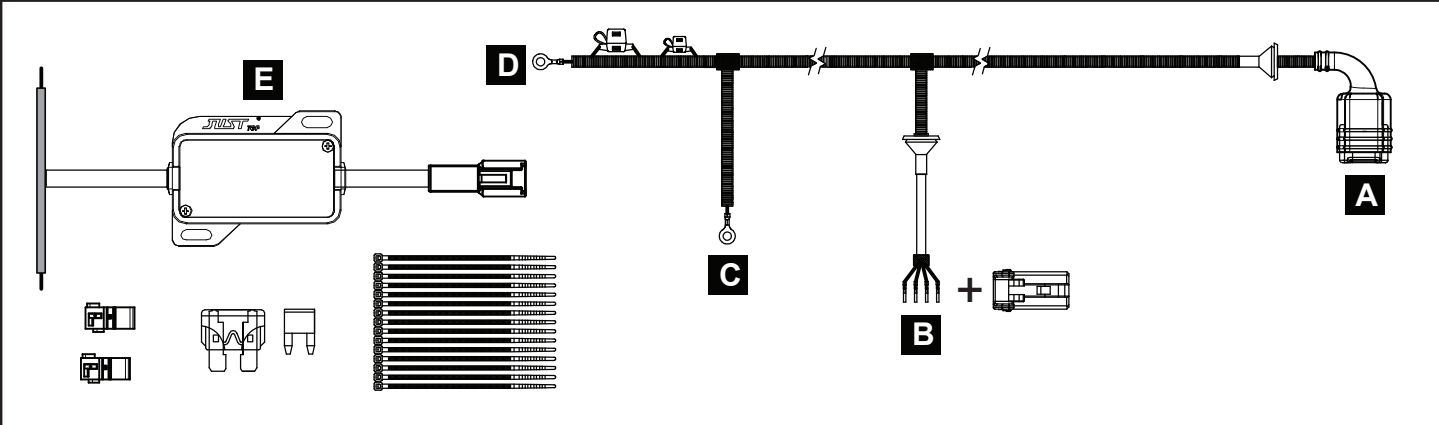
SIDE BRACKET ASSEMBLY (DO NOT TORQUE)



- 6** Assemble the side rail brackets (9) as shown in detail. Brackets to be mounted loose to allow side movement during installation.

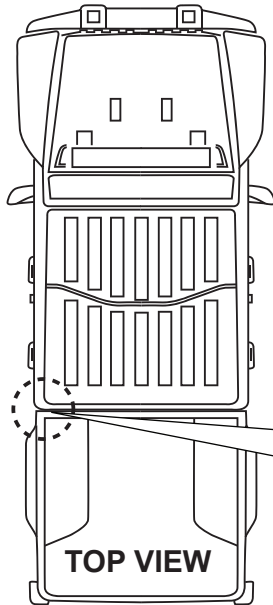
SECTION B	ELECTRICAL LOOM INSTALLATION
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SECTION B	ELECTRICAL LOOM INSTALLATION
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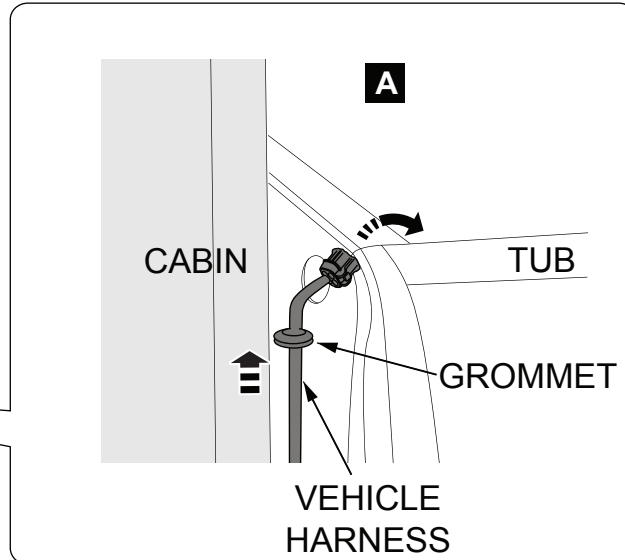




WHILE ROUTING THE VEHICLE HARNESS AVOID ANY VEHICLE COMPONENTS THAT HEAT UP, LIKE EXHAUST AND ENGINE COMPONENTS. DO NOT ATTACH HARNESS TO FUEL LINES AND AVOID PINCH POINTS.



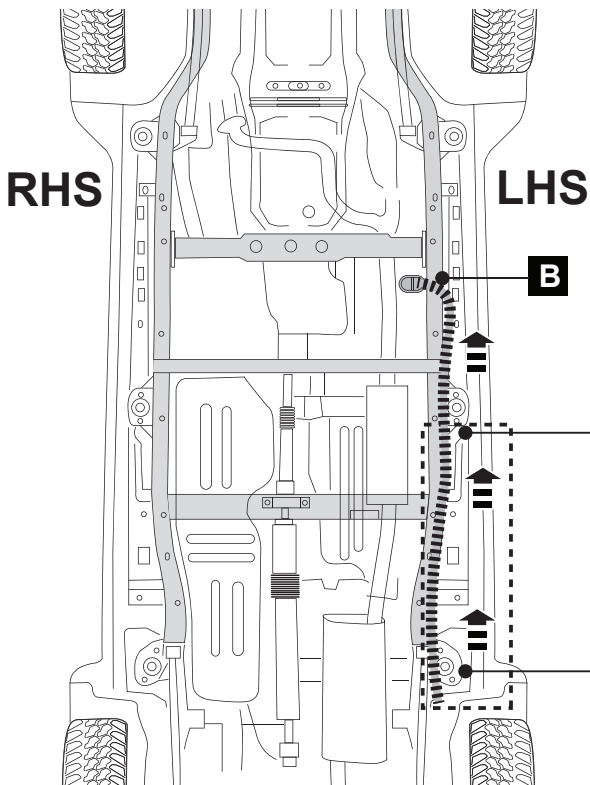
TOP VIEW



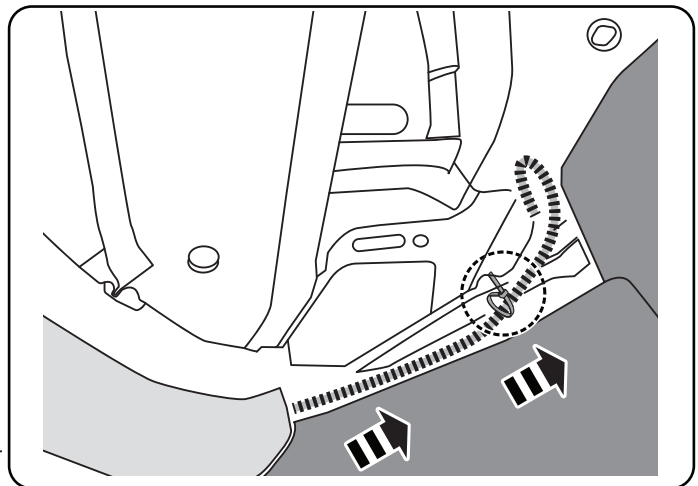
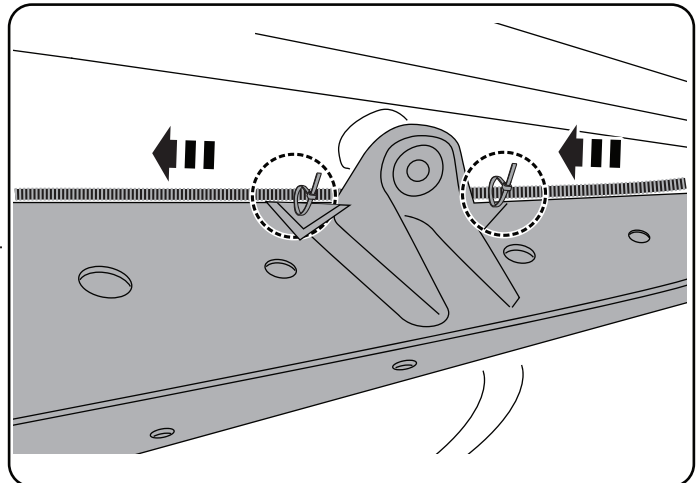
1

Start in between cab and tub from outside, feeding ECU back into tub, with the connector (A) at the top of the tub towards the gap between cabin. Pull the harness into the tub through the previously drilled hole until it seals with the grommet in the drilled hole.

FRONT

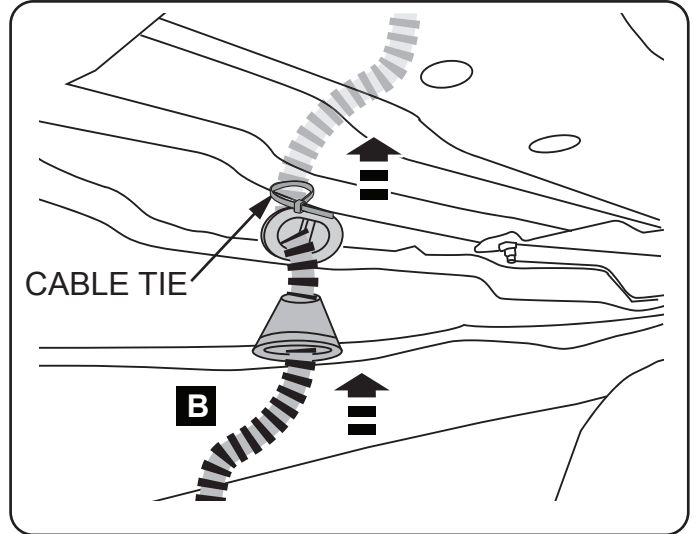
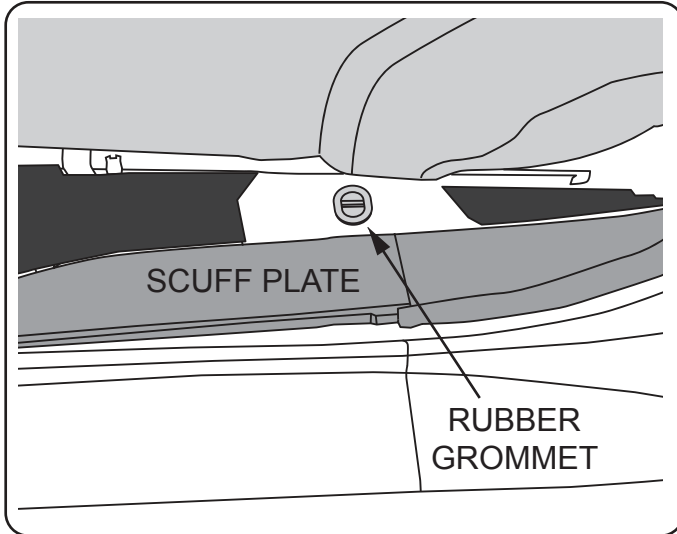
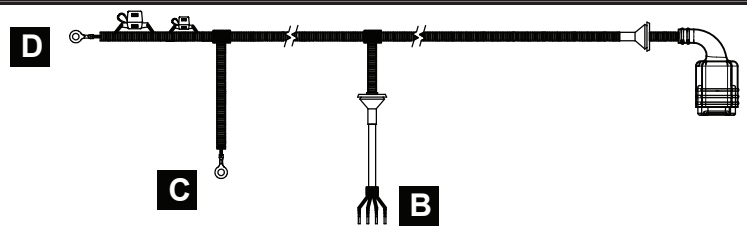


BOTTOM VIEW

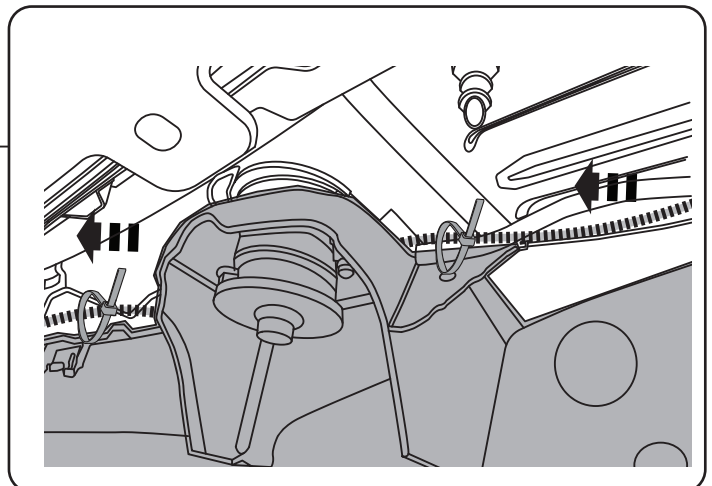
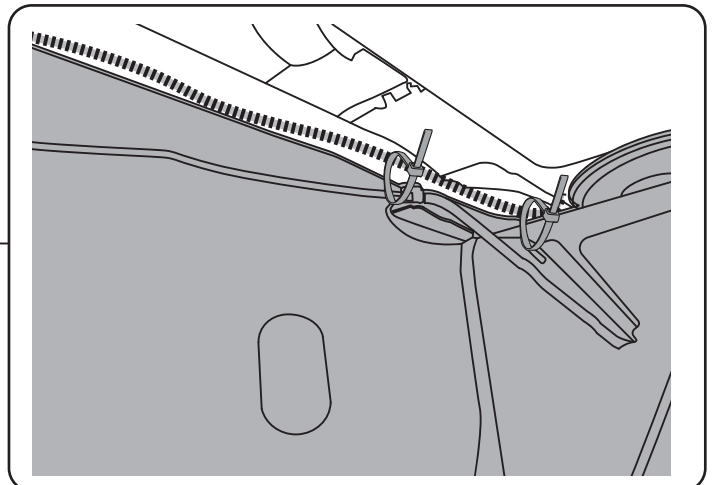
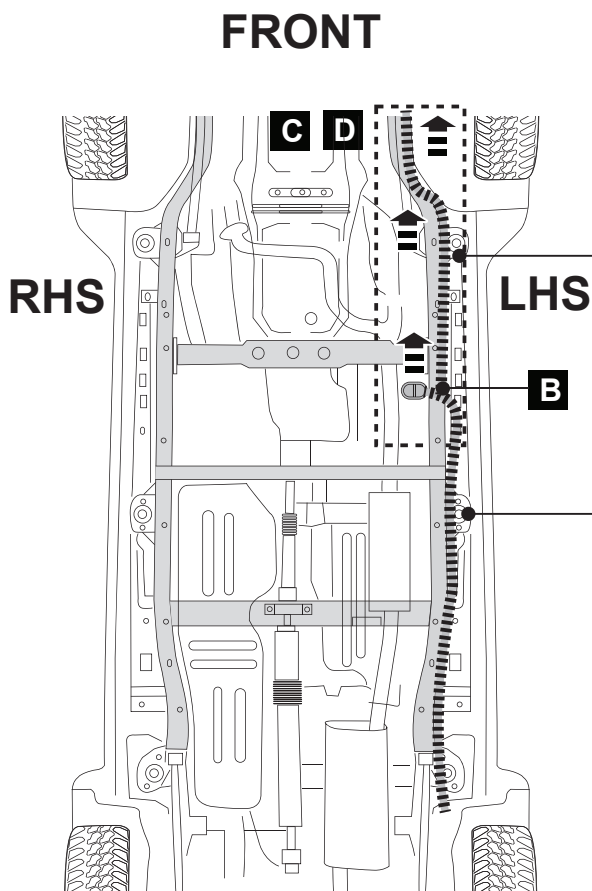


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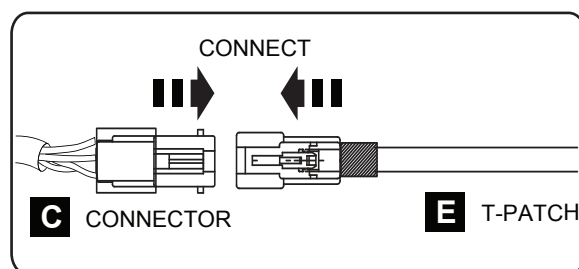
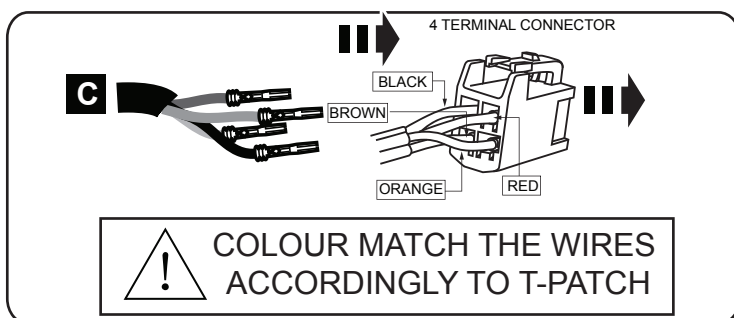
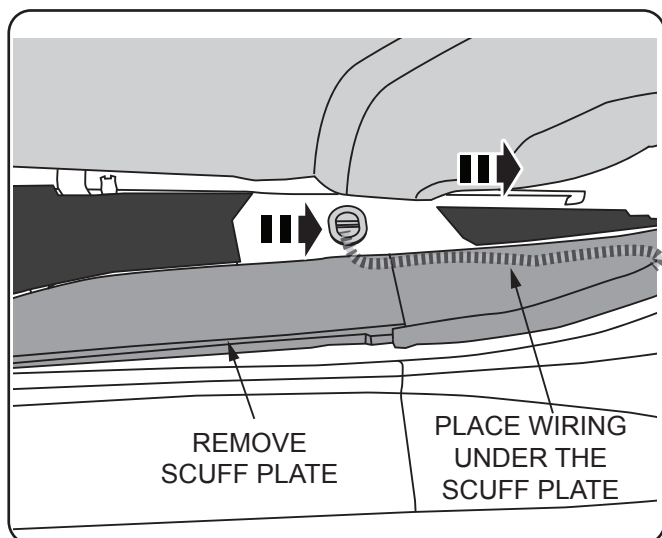
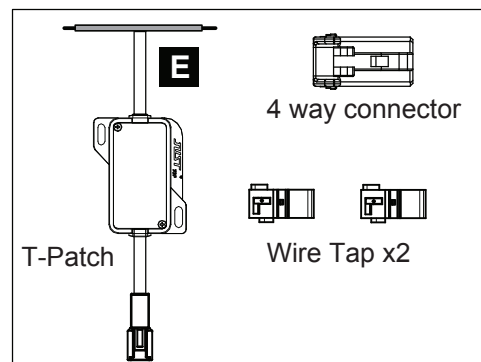
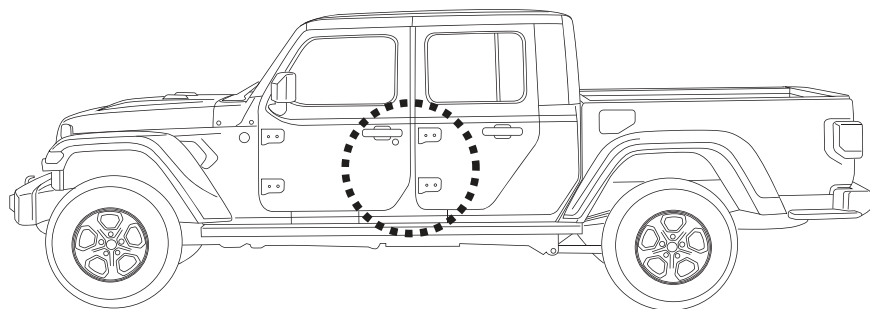
From underneath the vehicle, route the Vehicle Harness towards the front of the vehicle, following the LHS chassis rail. Use the supplied cable ties and clip to the existing vehicle brake line mounts where feasible.



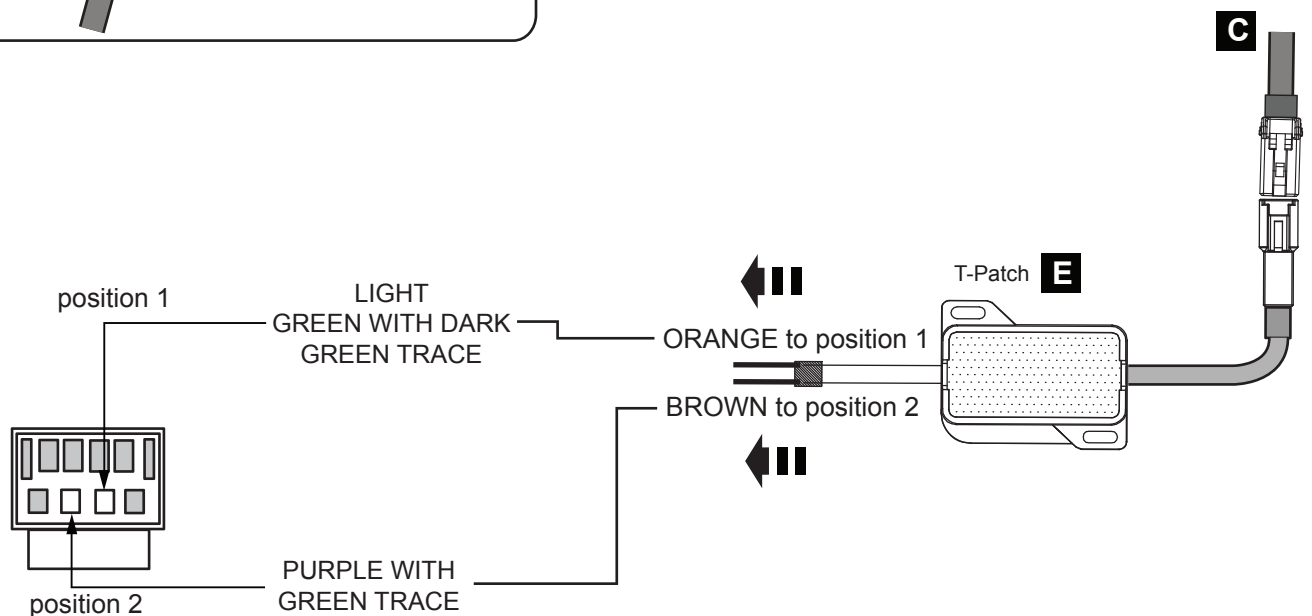
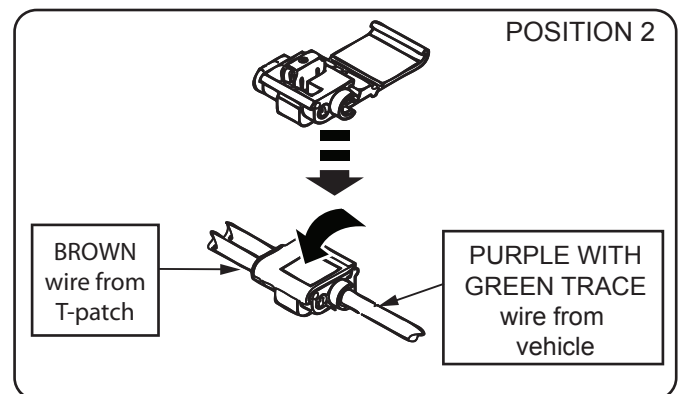
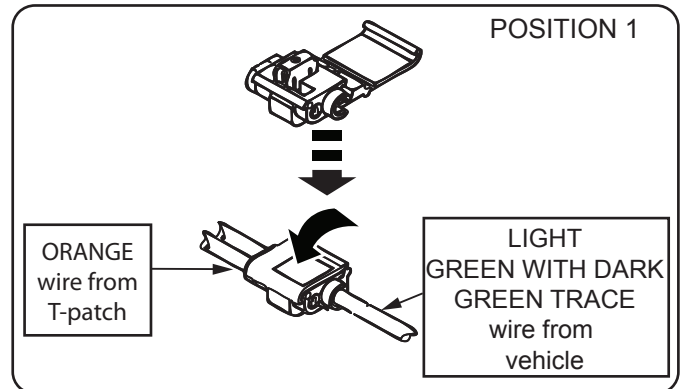
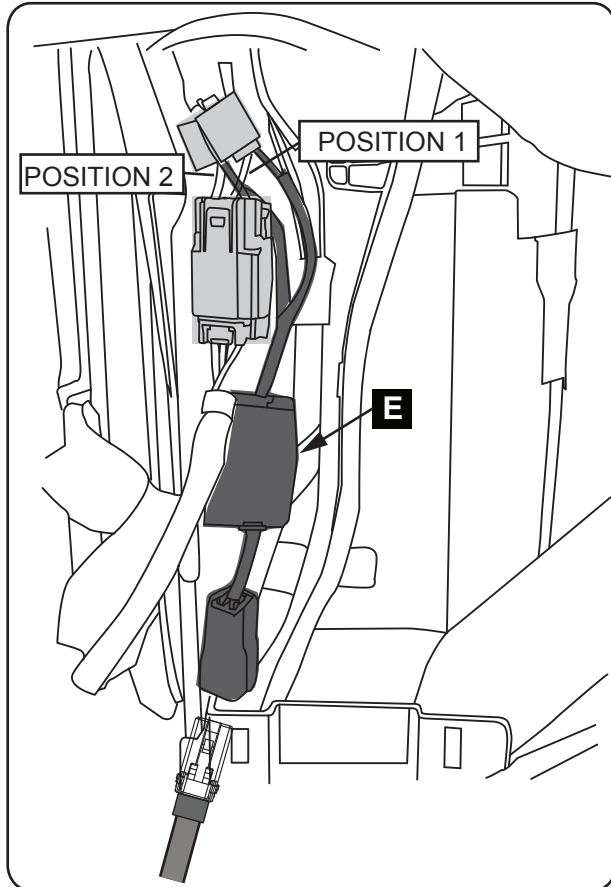
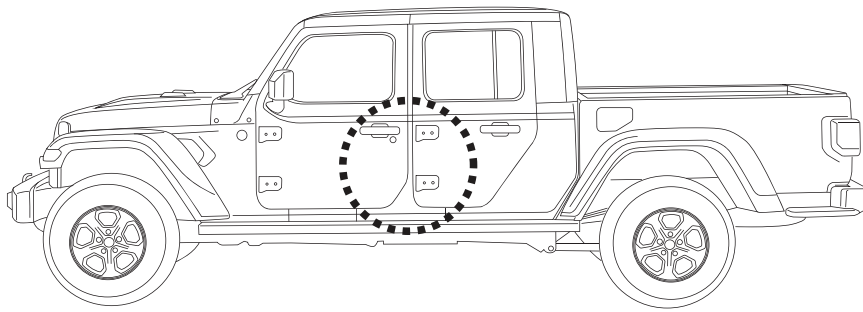
- 3** Inside the vehicle (LH) side, lift the scuff plate to allow lifting the carpet under the seat in order to expose the rubber grommet in the floor. Make a hole in the grommet just big enough to feed the vehicle harness branch (B) into the cabin. Pull the harness until the round grommet on the harness contacts the grommet in the floor. Secure the harness inside by putting a cable tie around it (stop from sliding back).



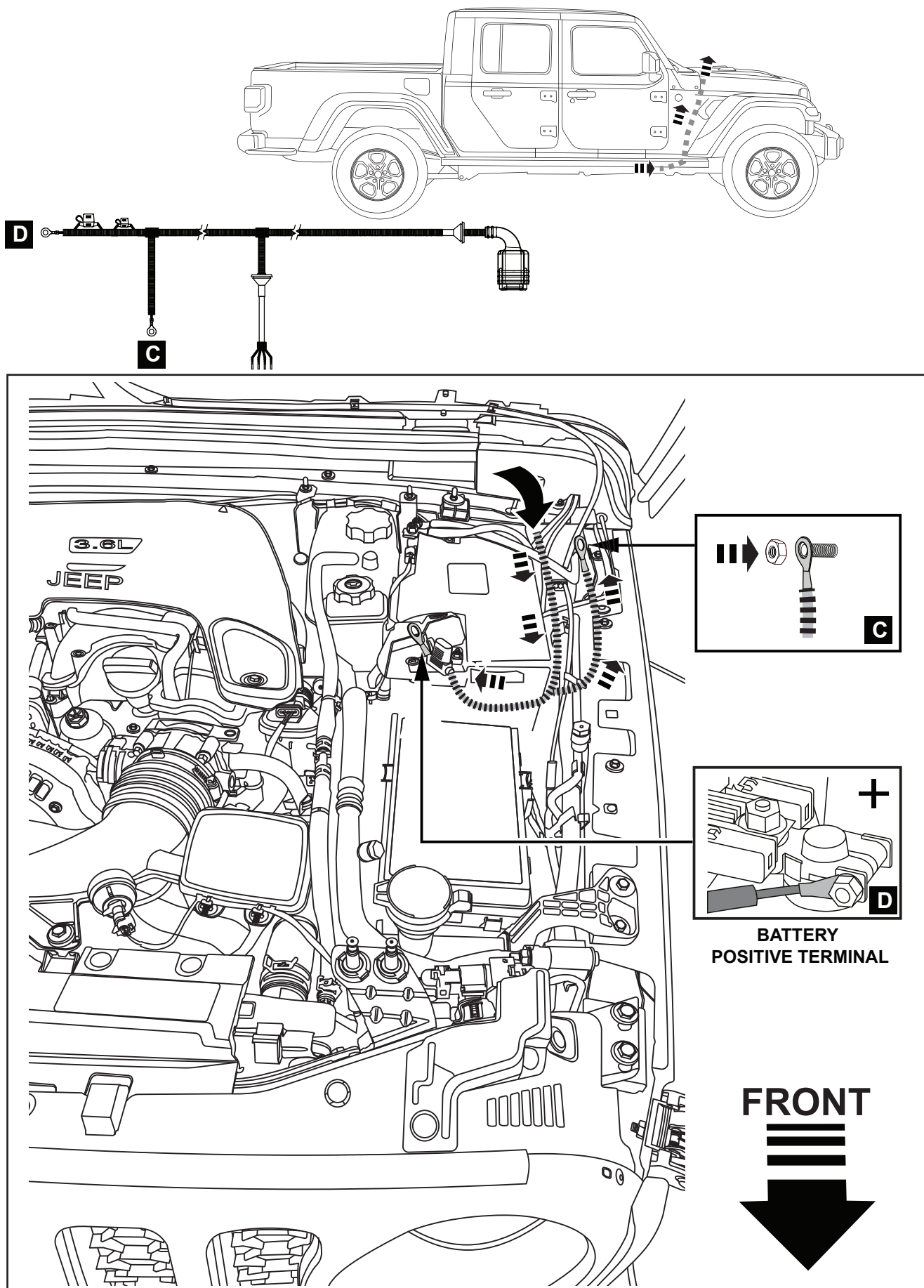
- 4** From underneath the vehicle, route the Vehicle Harness towards the front of the vehicle, following the LHS chassis rail. Use the supplied cable ties and clip to the existing vehicle chassis mounts where feasible.



- 5** Connect the 4 wires to the 4 way connector (supplied) and plug into the T-patch.
Note: Make sure the wires are colour matched to the wires in the T-patch connector.



- 6** Connect the vehicle harness (C) to the T-patch (E). Splice the designated wire as shown from the vehicle harness with corresponding wire from RollTrac T-patch harness using the supplied wire tap.
Note: Clamp down firmly on metal component in the wire tap.



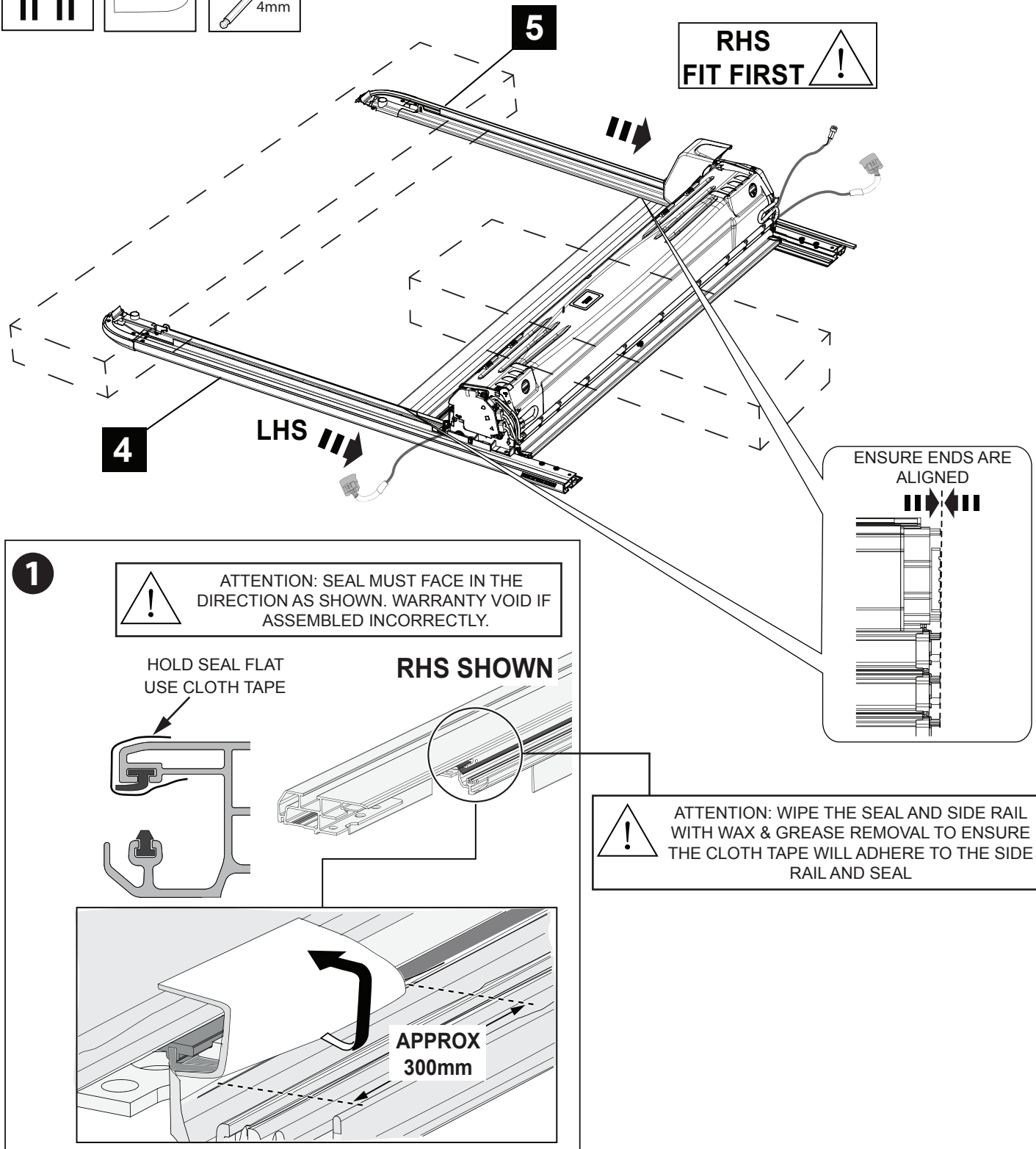
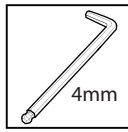
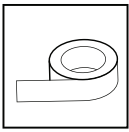
- 7** Feed the harness into the engine bay along the front part of the wheel arch.
IMPORTANT: Make sure fuses are not fitted before making connection.
 Connect the vehicle harness branch (C) to vehicle body negative ground, located in the engine bay as shown. Once it is positioned, secure in place using cable ties.
 Connect the vehicle harness branch (D) to the positive terminal of the battery. Once it is positioned, secure in place using cable ties. **NOTE:** ensure fuses are not fitted to the harness.

SECTION C

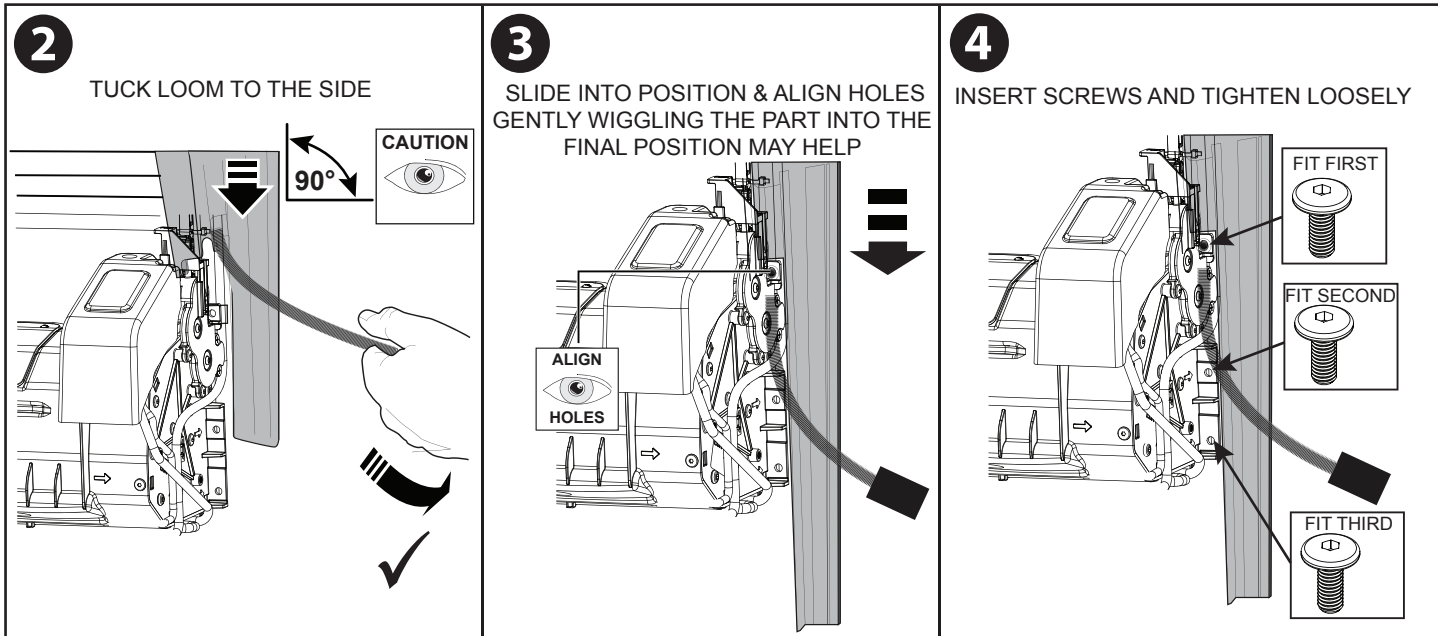
EGR RollTrac ASSEMBLY



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.



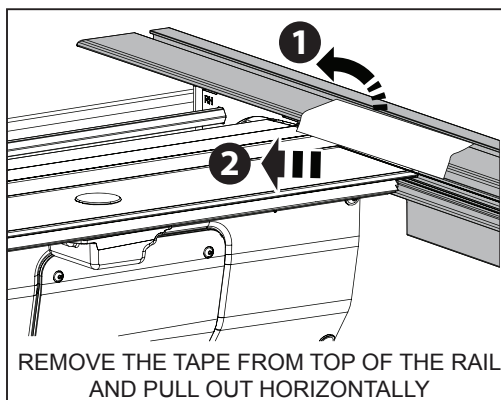
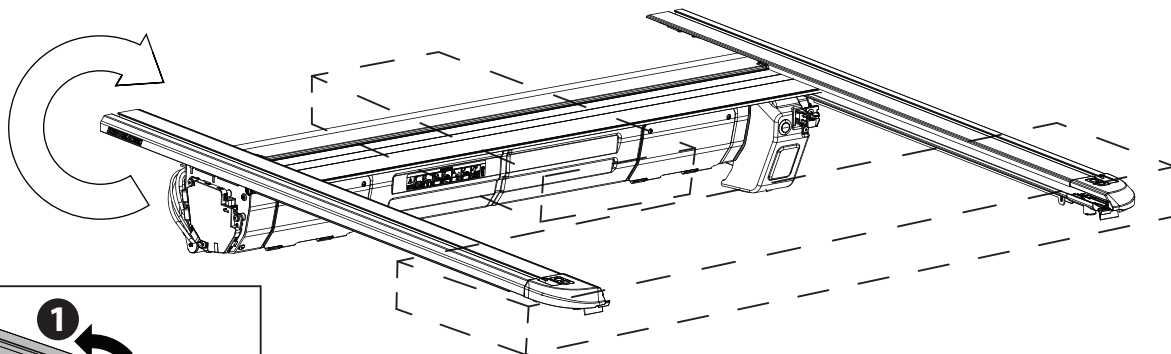
- 1** Place the canister (1) on two protected boxes as shown, ensure hand rail and slat ends are aligned. Tape up the seal on the Side Rail (5) as shown.
IMPORTANT: Carefully align and slide the rail over the handrail and canister endplate taking particular care to ensure that the siderails are slid straight and no undue force is applied to the rail. Details in following steps.



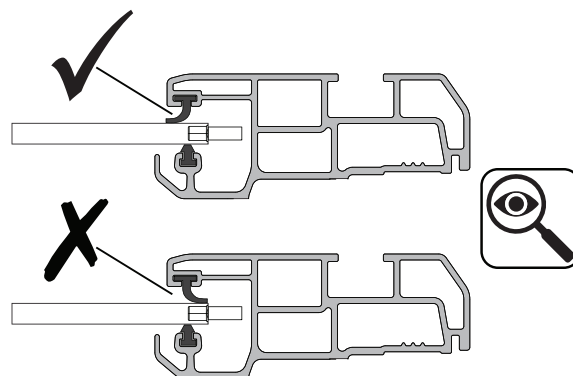
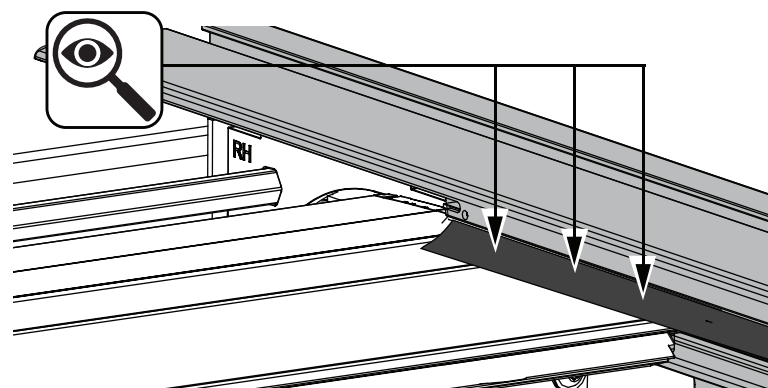
- 2** Pull hand rail to expose 3 slats. Slide the RHS Rail over slat ends and onto endcap location pins. Align the holes and secure loosely with two screws (7). Do not tighten. Repeat for LHS Rail (4).



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.

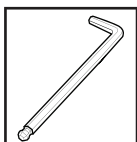


ATTENTION: SEAL MUST FACE IN THE DIRECTION AS SHOWN. WARRANTY VOID IF ASSEMBLED INCORRECTLY.

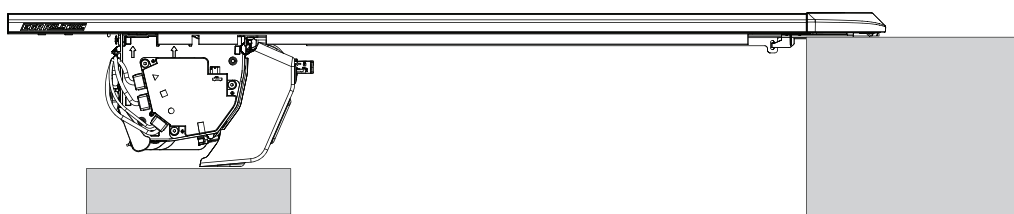


CHECK SEAL IS IN POSITION AND NOT DAMAGED

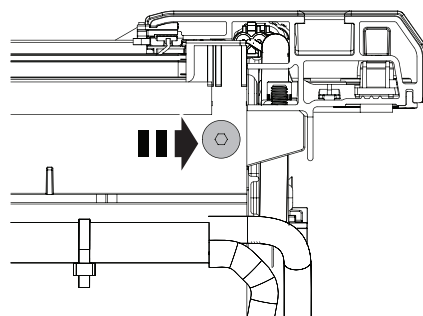
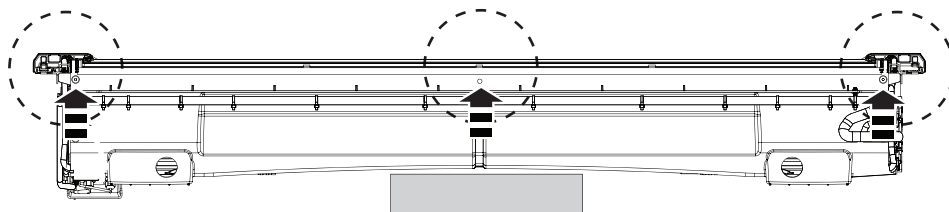
- 3** Carefully lay the assembly over onto a protected surface. Remove the tape holding the rubber seal and check the seal position as shown. Repeat for LHS Rail (4)



SIDE VIEW



REAR VIEW

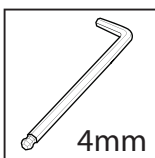
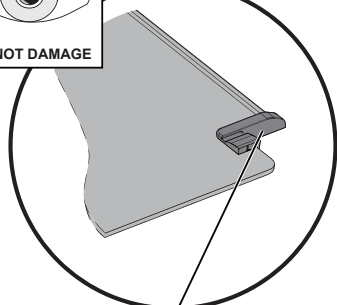


REMOVE AND RETAIN 3 SCREWS

- 4** Remove the 3 pre-fitted screws from the rear of the canister assembly which will be used to secure the front cover (1) to the canister assembly. Ensure the product is not scratched or damaged when laying flat.
IMPORTANT: Do not apply load to the electrical connectors and do not sit product on motor cover.

CAUTION

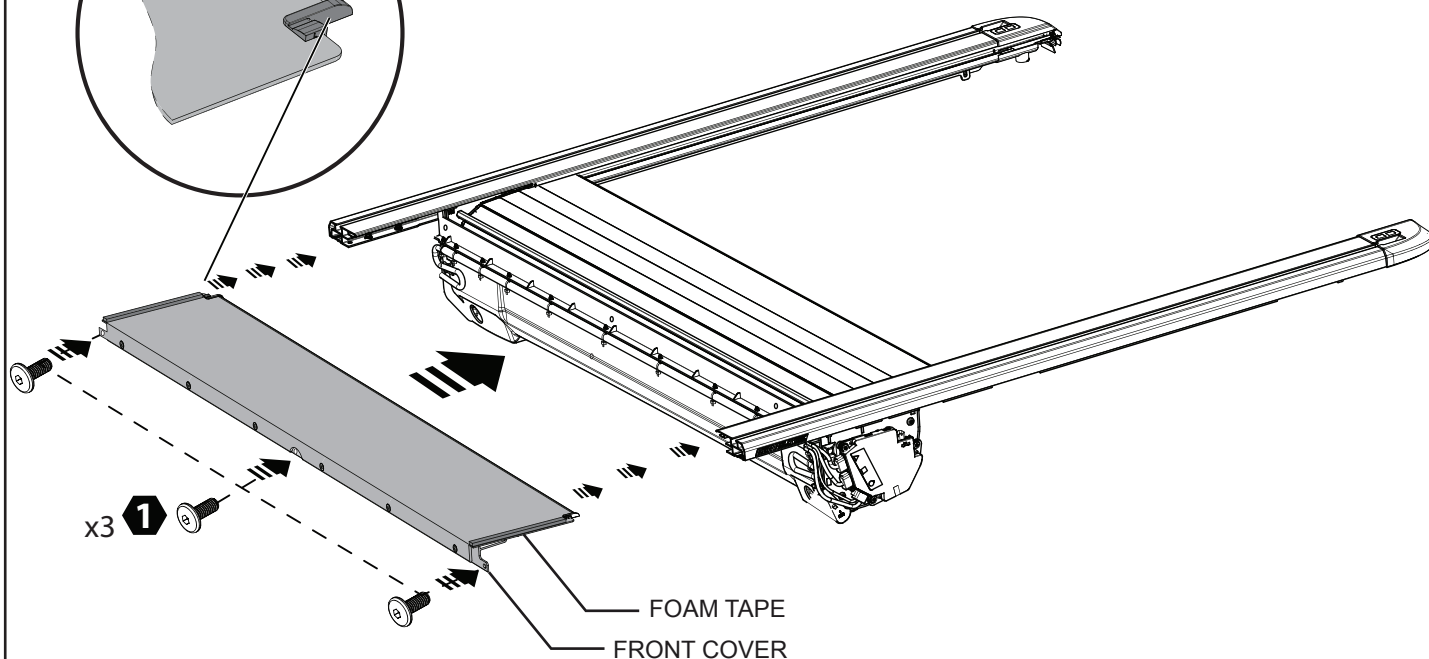
DO NOT DAMAGE

REMOVE TAPE SECURING
THE RUBBER CORNER SEAL

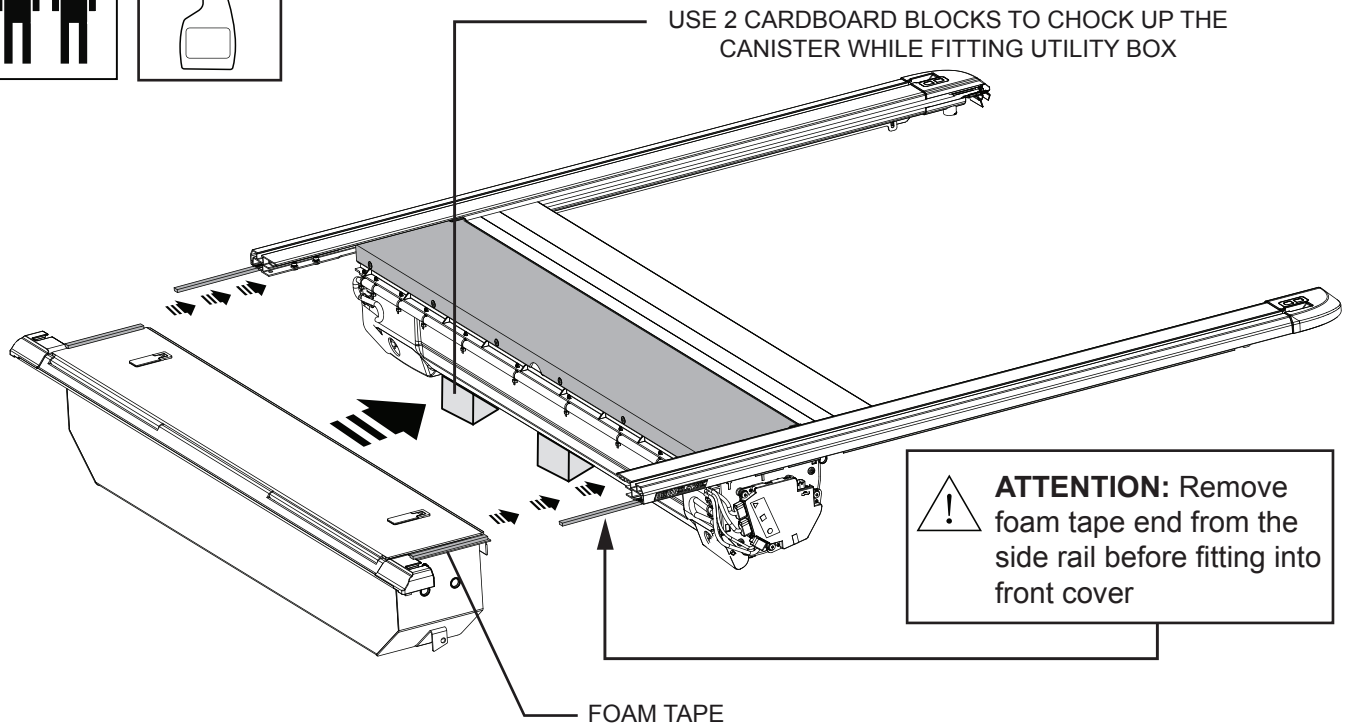
4mm



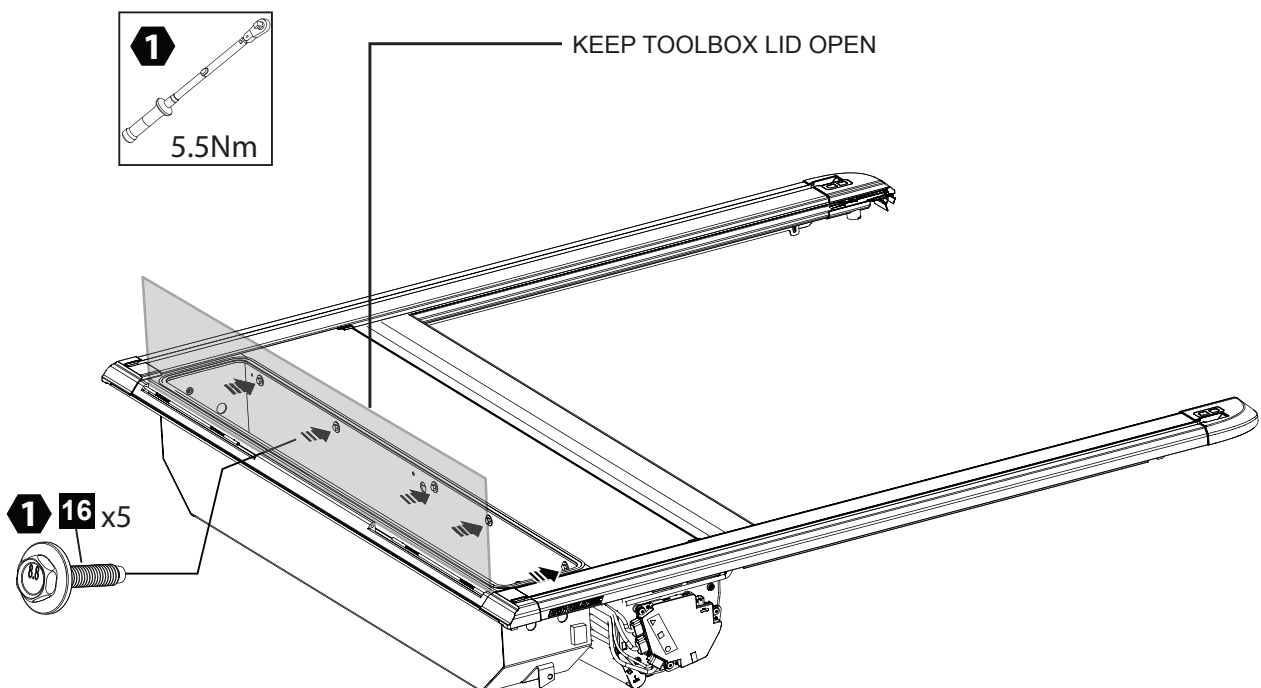
5.5Nm



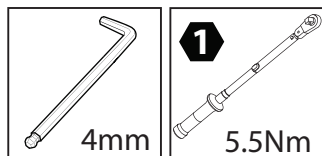
- 5** Slide the Front Cover (2) over the canister and into the side rail channels. Ensure that the foam tape and the small rubber corner seal on the RHS and LHS of the front cover are not damaged.
IMPORTANT: Twisting side rails outwards will also help. Secure the front cover to the canister assembly with 3 screws, removed in step 4. Torque to 5.5Nm.



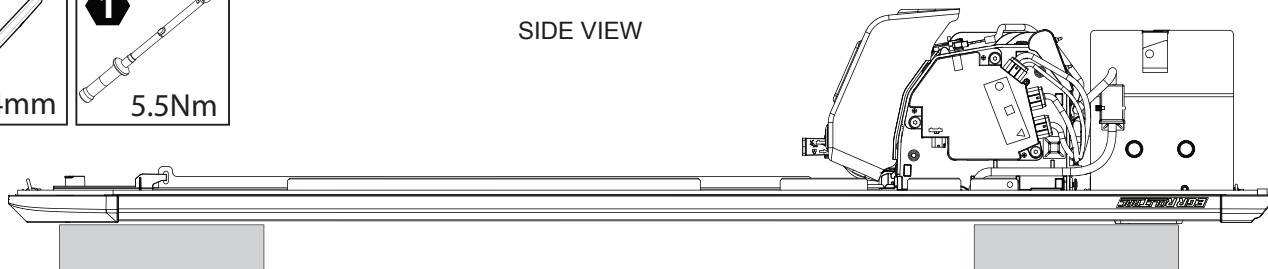
- 6** Slide the Utility Box (3) into the side rail channels ensuring that the foam tape on the RHS and LHS of the utility box are not damaged. Also ensure that the foam tape on the RHS and LHS hanging from side rails is removed and not damaged.
IMPORTANT: Spray the front cover edge with soapy water to allow it to slide easily into the sides, twisting side rails outwards will also help.



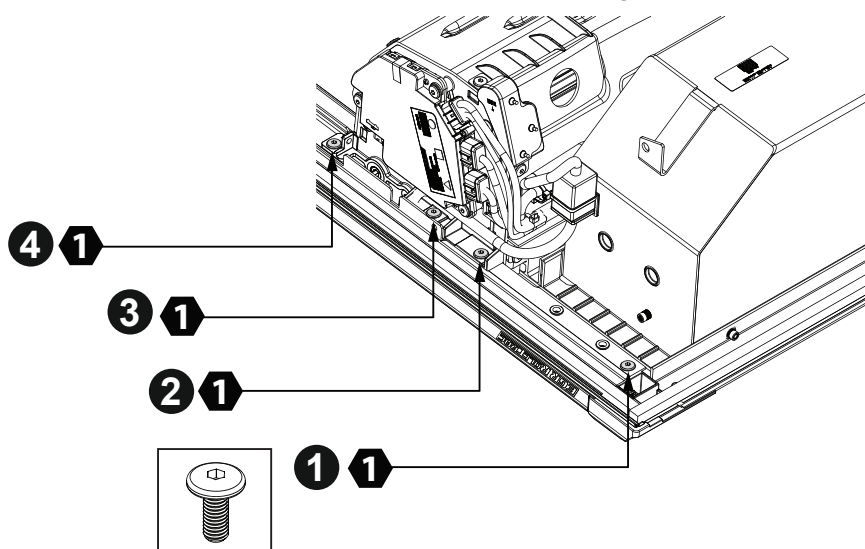
- 7** Secure the Utility Box (3) to the canister with 5 screws (16). Once in place, torque to 5.5Nm.



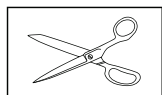
SIDE VIEW



LHS



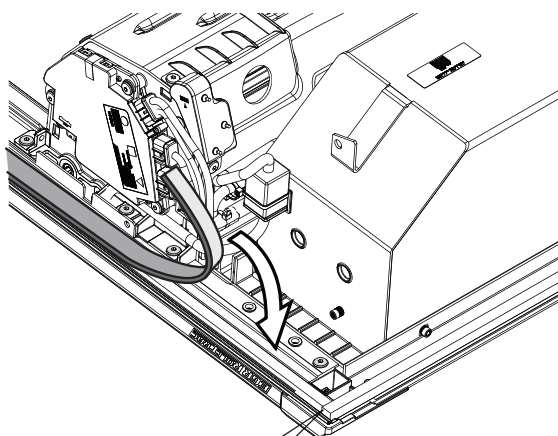
- 8** Secure the Utility Box (3) to the canister with 1 screw and Torque to 5.5Nm. Torque the other 3 screws to 5.5Nm. Repeat for the opposite side.



CLEAN WITH ALCOHOL FIRST



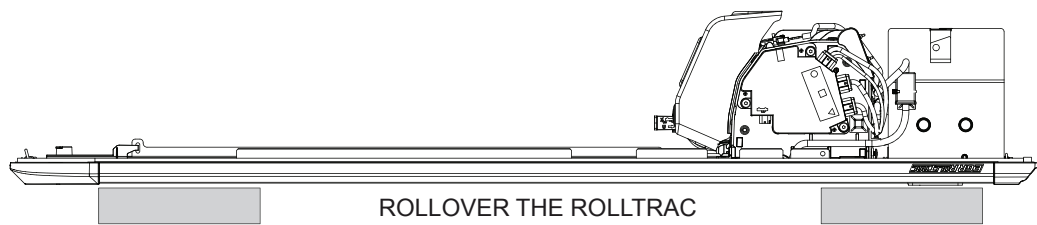
LHS



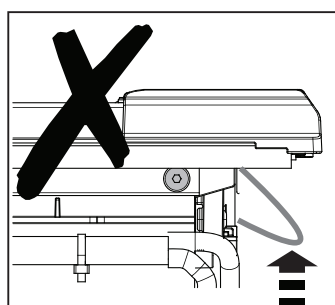
TAPE TAPE

TAPES MUST CONTACT

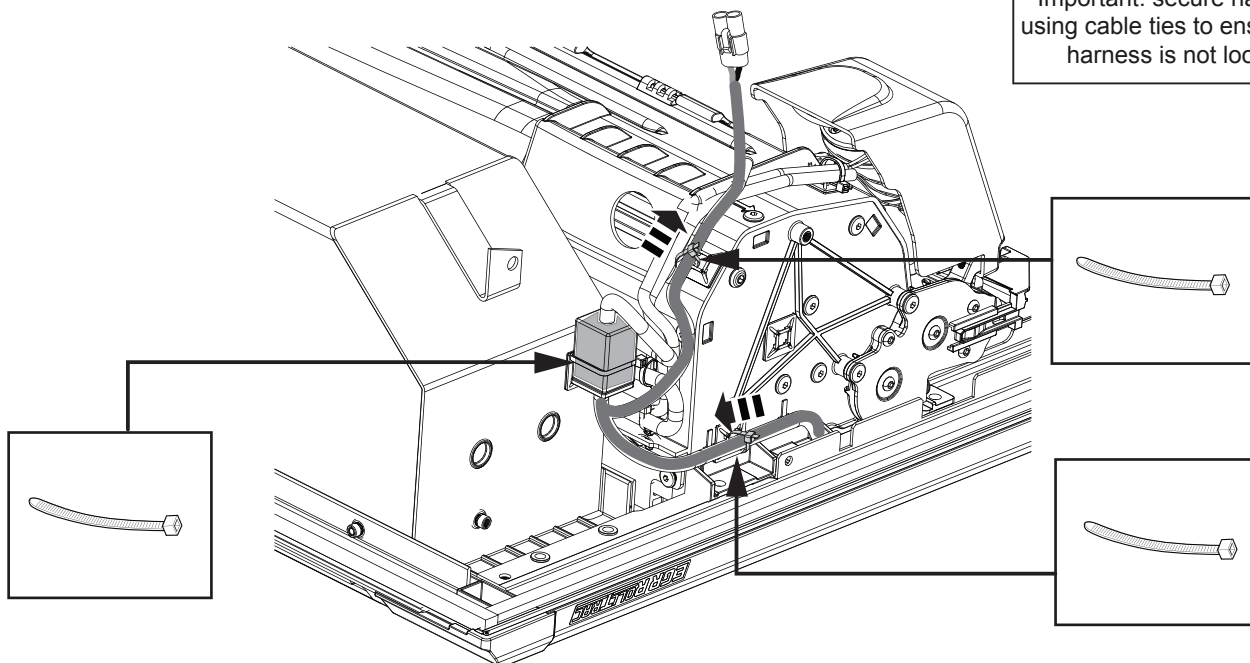
- 9** Clean powder coated surface first with alcohol spray. Trim foam tape length to ensure the end will butt against front cover seal - avoiding any gap. Peel the protective liner from the foam tape, adhere to the channel in the side rail, Press down firmly to secure. Repeat on RH side rail.



ROLLOVER THE ROLLTRAC
AND PLACE ON CARDBOARD BOXES



Important: secure harness
using cable ties to ensure the
harness is not loose.



CONNECT



1 PUSH



2 CLICK

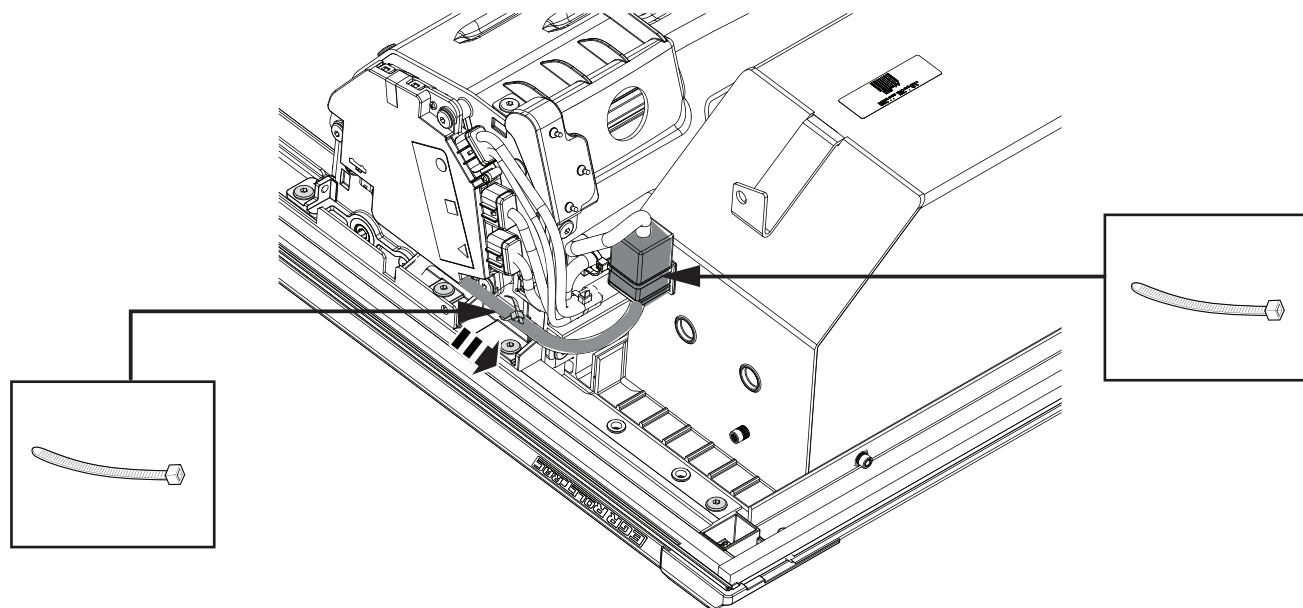


3 PULL



PULL THE CONNECTOR
NOT THE CABLE

- 10** Connect side rail harness connectors to the connectors on the utility box RHS.
Secure the harness to the canister and utility box using cable ties at the 3 locations shown. Secure with zip ties to existing pads. Ensure all cables are retained to prevent pinching during installation.



CONNECT



1 PUSH



2 CLICK







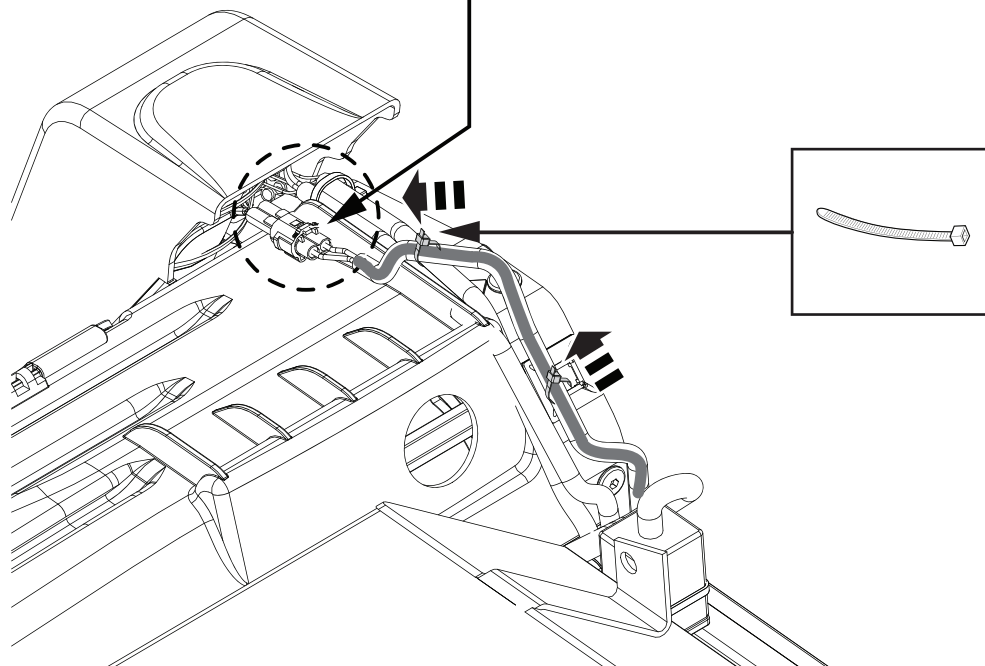
3 PULL



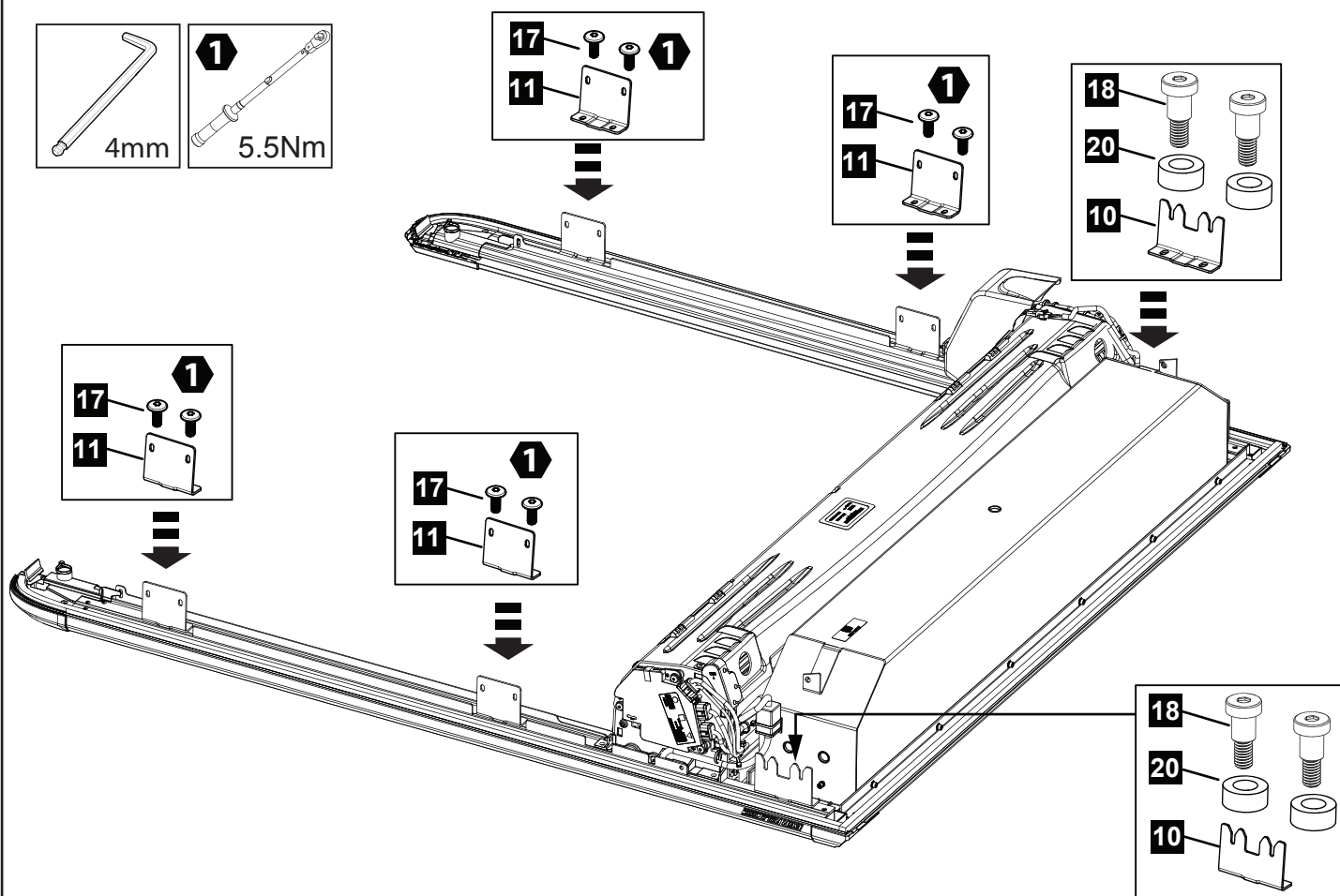
PULL THE CONNECTOR
NOT THE CABLE

- 11** Connect side rail harness connectors to the connectors on the utility box LHS.
Secure the harness to the canister and utility box using cable ties at the 1 location shown. Secure with zip ties to existing pads. Ensure all cables are retained to prevent pinching during installation.

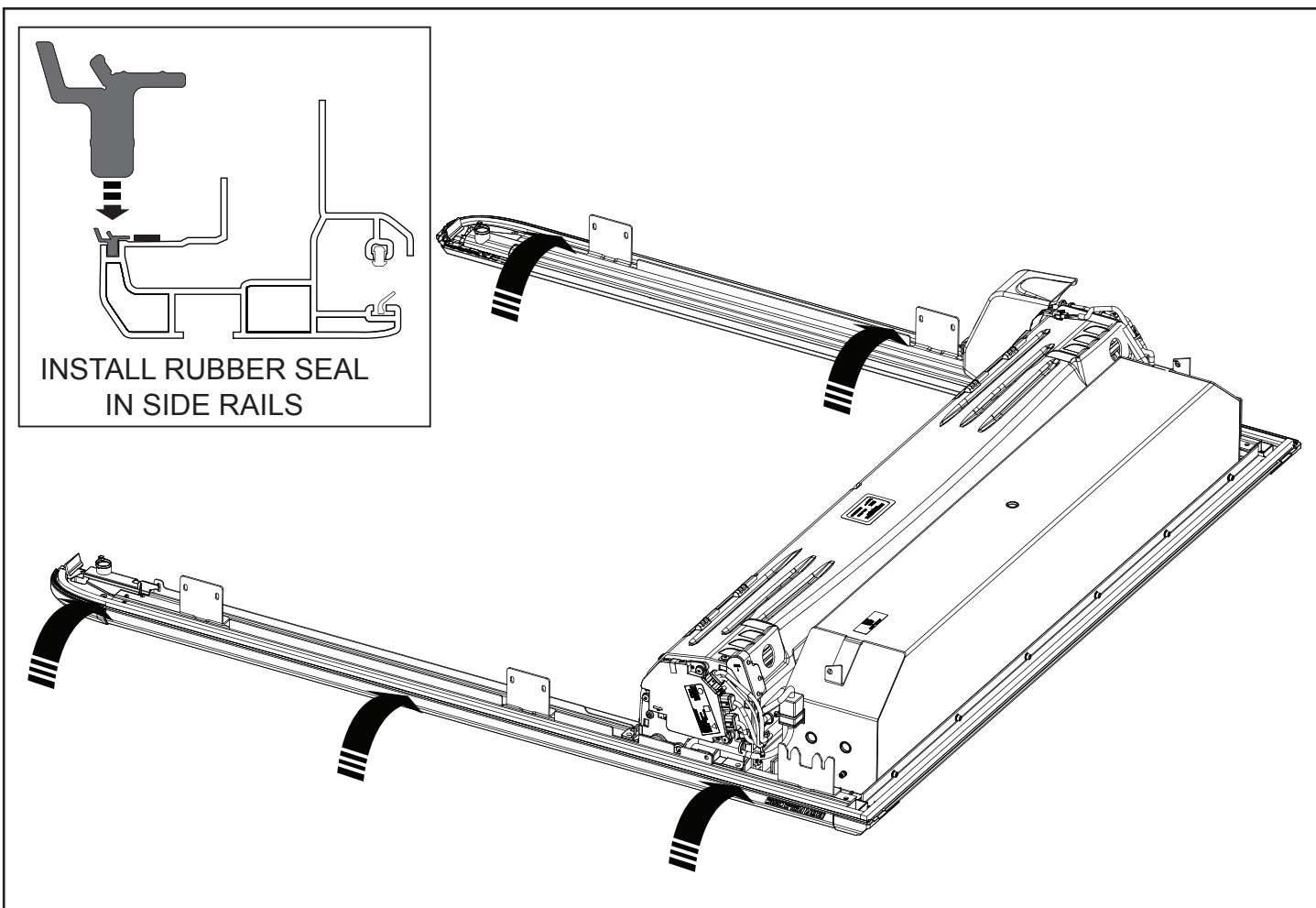
CONNECT  **1 PUSH**  **2 CLICK**  **3 PULL**  ✓ **PULL THE CONNECTOR NOT THE CABLE**



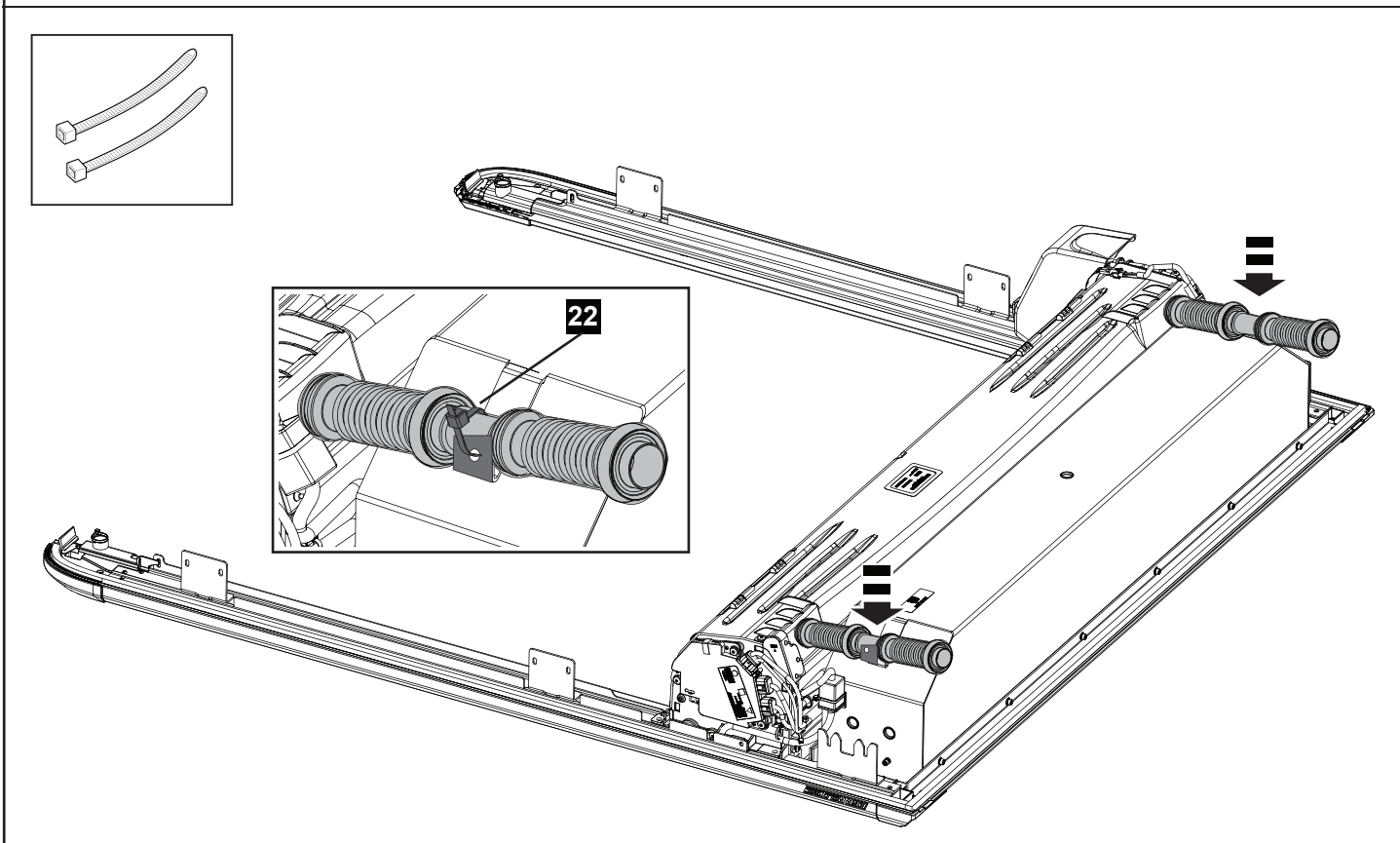
12 Connect the lamp connector as shown next to the motor on the RHS. Secure the harness with zip tie as shown.



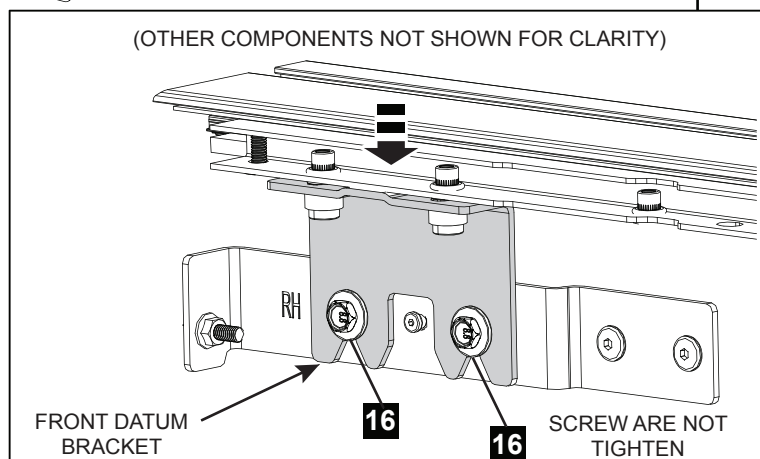
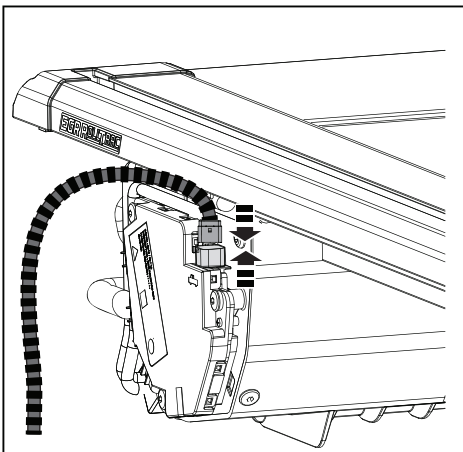
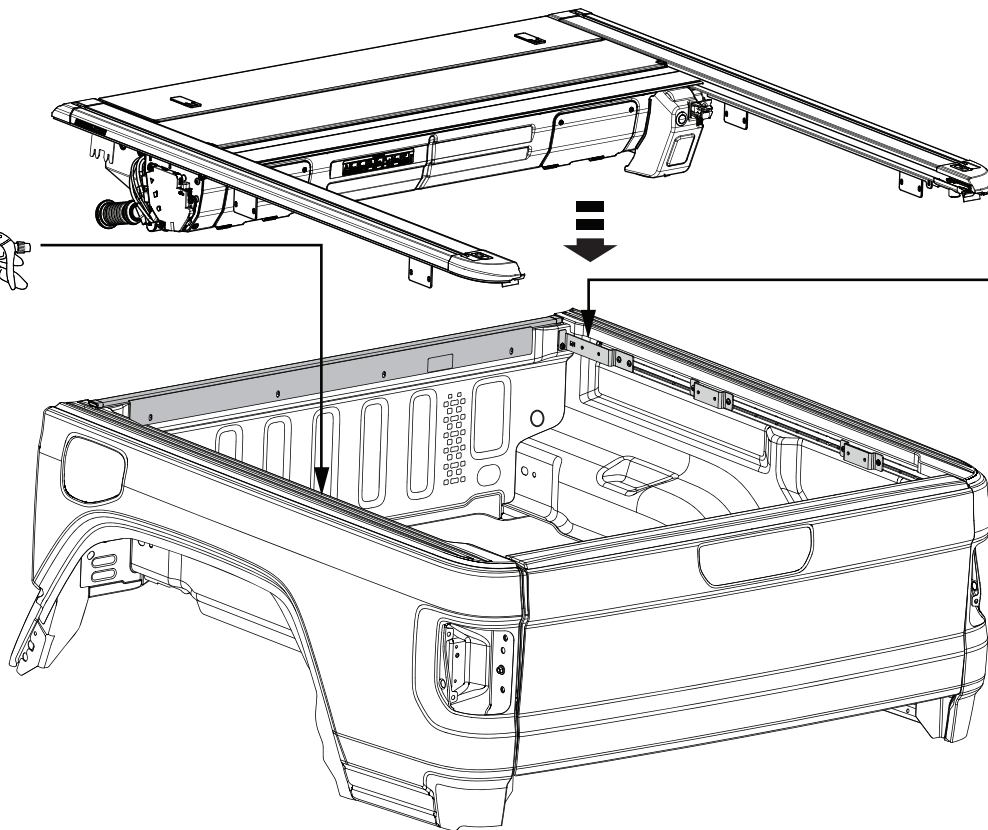
13 Fit the two front datum brackets (10) to the side rail using the M6 shoulder bolts (18) and spacers (20), torque to 5.5Nm. Fit the mid and rear side rail brackets (11) to the side rails using the M6 screws and do not torque them.



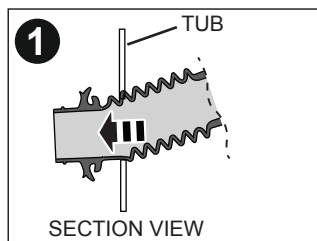
- 14** Install the Rubber Perimeter Seal into each side rail and ensure seal is firmly seated (note the seal orientation).



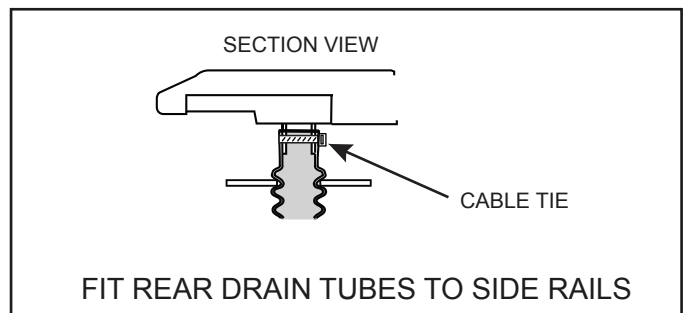
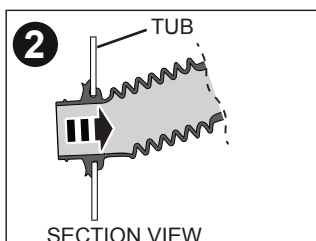
- 15** Fit the front drain tubes to the canister as shown and secure with cable tie to the inside of the bracket in the Utility Box, as shown.

**HEAVY****CONNECT****1 PUSH****2 CLICK****3 PULL**

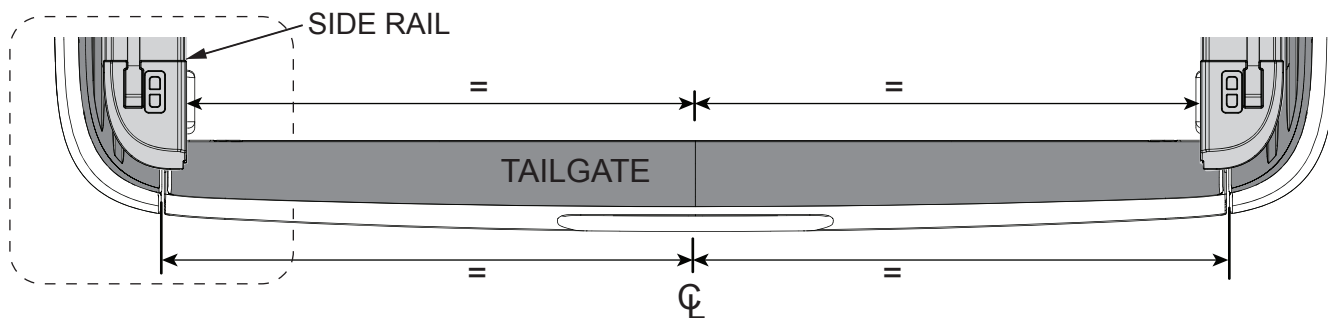
PULL THE CONNECTORS
NOT THE CABLE



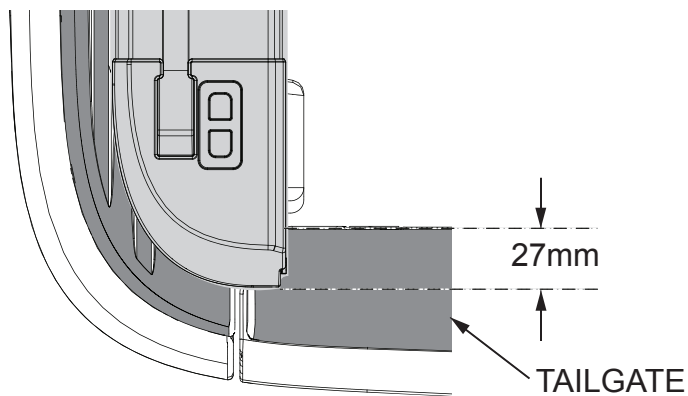
INSTALL FRONT DRAIN TUBES TO TUB

**1**

Spray the top surface of the tub 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 tub. Before dropping onto the tub connect the vehicle harness to the ECU as shown. Drop the RollTrac straight onto tub. Connect the front drain tubes to the tub. Connect the rear drain tubes and secure with cable ties. Ensure front datum brackets are correctly aligned with the bolts.

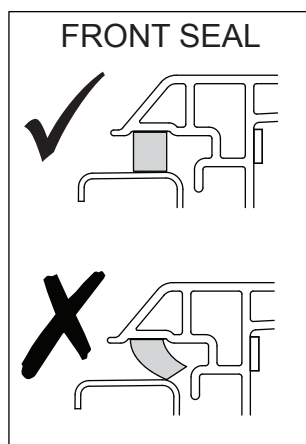


CENTRALISE AND ALIGN THE COVER TO THE MARKINGS

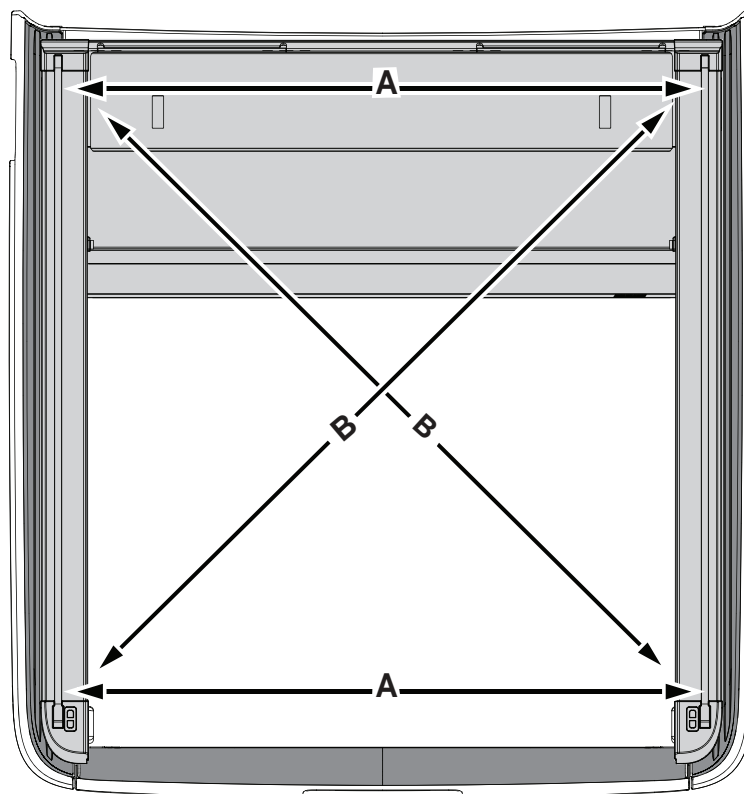


COVER POSITION REARWARDS

- 2** Apply masking tape at the centre of the tailgate. Measure the distance between the rear corners of the tub 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 it is equally distanced.



Adjust the cover so that it is aligned with the markings as shown. Ensure seals are not deformed by lifting cover and dropping vertically on tub.

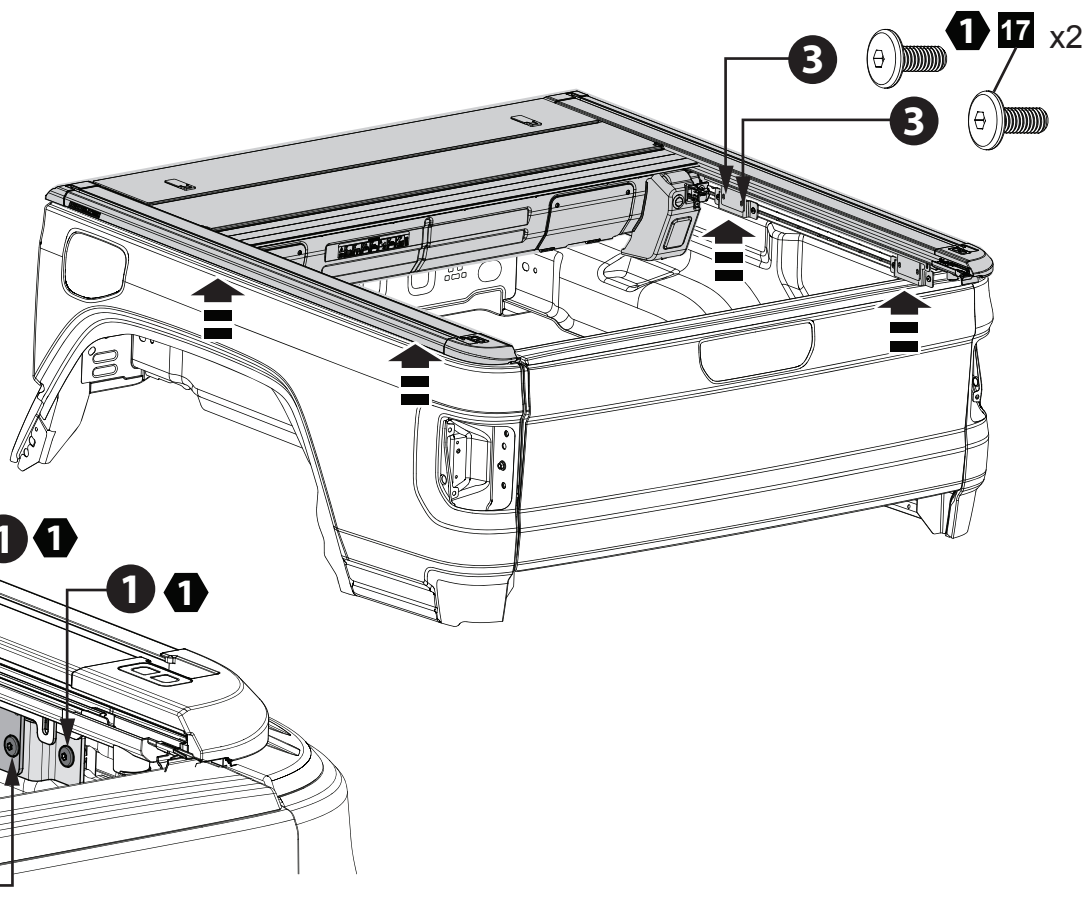
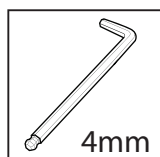


A = A

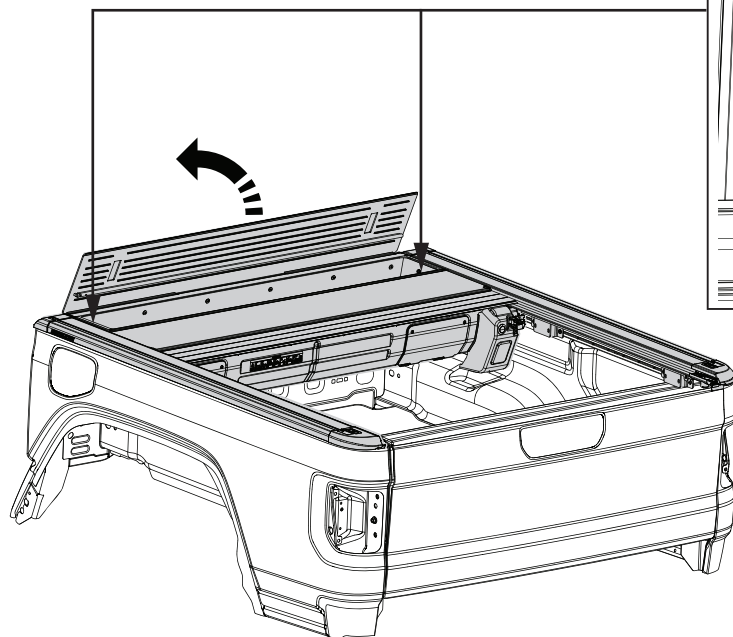
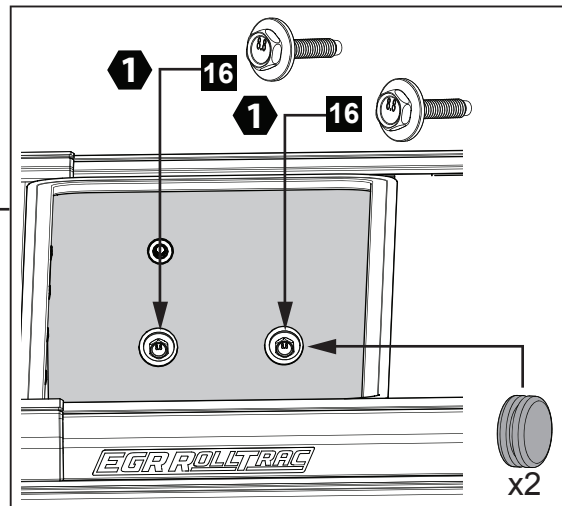
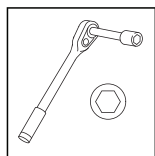
B = B

PERFORM FITMENT CHECK

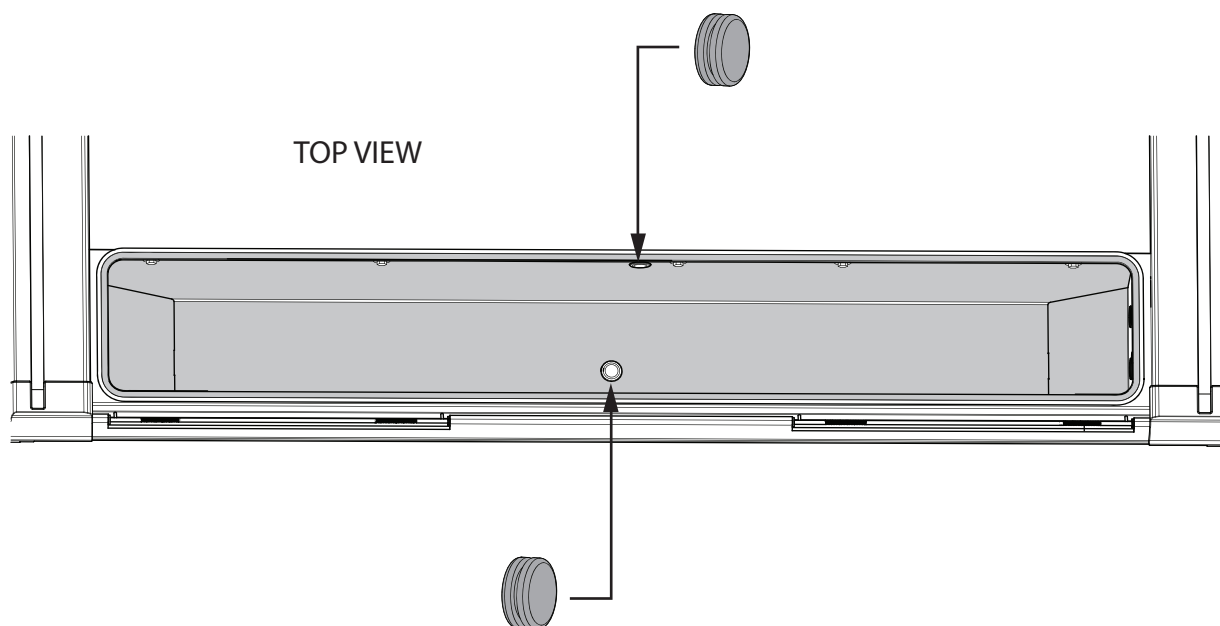
3 Perform diagonal fitment check.



4 Secure the Rolltrac top brackets (rear and middle only) to the tub mounting brackets. Torque the tub brackets bolts to 5.5Nm first and the top brackets next as shown.



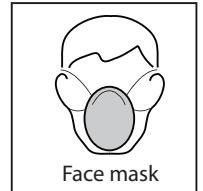
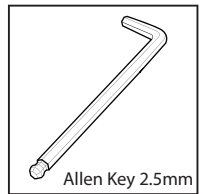
- 5** Secure the Rolltrac datum brackets (front) to the to the tub mounting brackets with two prefitted M6 screws. Note: to access the screws, open the Utility Box and use the hole to insert the socket spanner. Torque the tub brackets bolts to 5.5Nm. Cover holes with rubber grommets as shown.



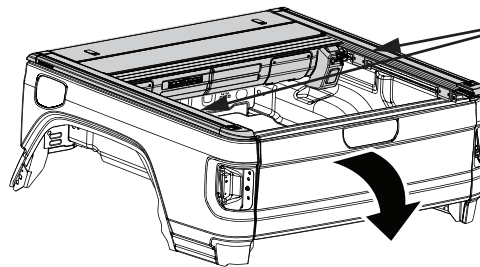
- 6** Cover holes with rubber grommets as shown.

RECOMMENDATION: SILICONE LUBRICATION TO THE SPIRALS & SIDE RAILS

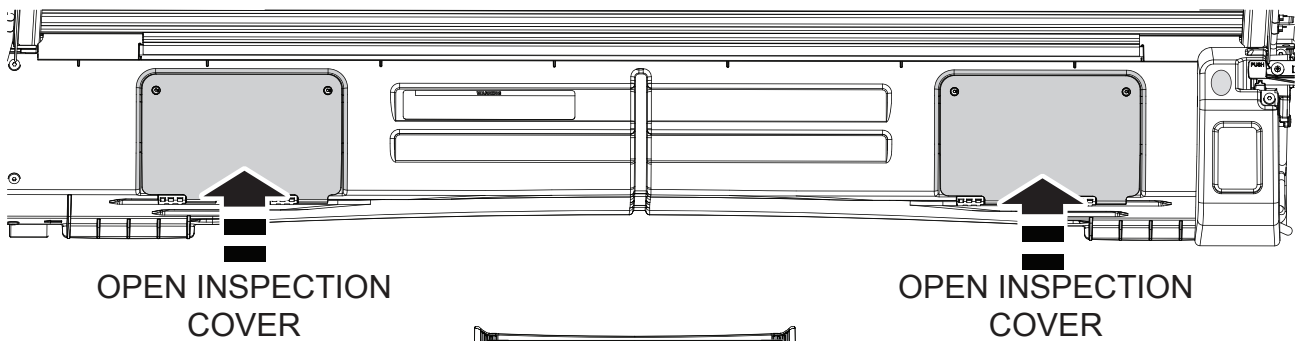
1. Open the tailgate (EGR RollTrac is in open position).
Using Silicone Spray (ONLY) spray onto both side rails.
2. Open both inspection covers.
3. Close the EGR RollTrac manually. NOTE: The motor clutch must be disengaged.
4. Using Silicone Spray (ONLY) spray onto the spirals on both sides of the canister.
5. Open EGR RollTrac manually.
6. Close and secure the inspection covers.



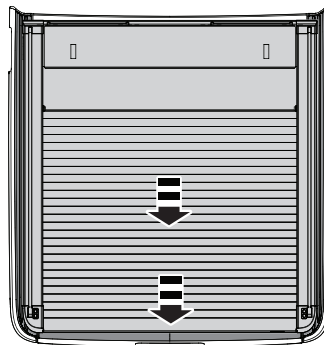
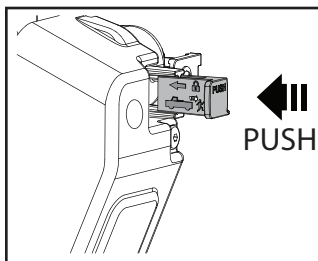
1



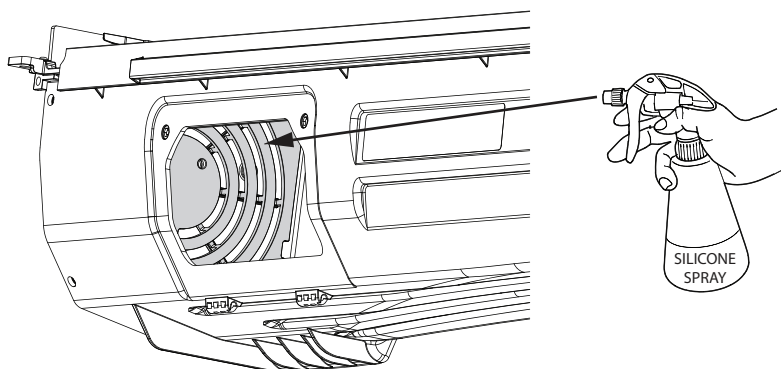
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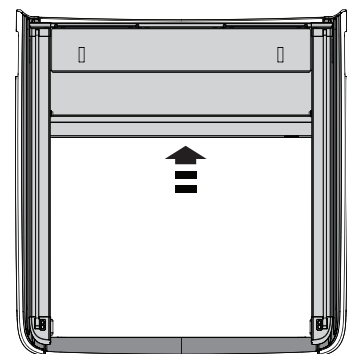
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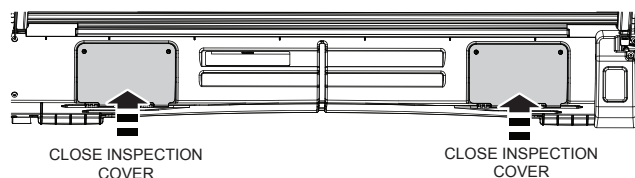
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5



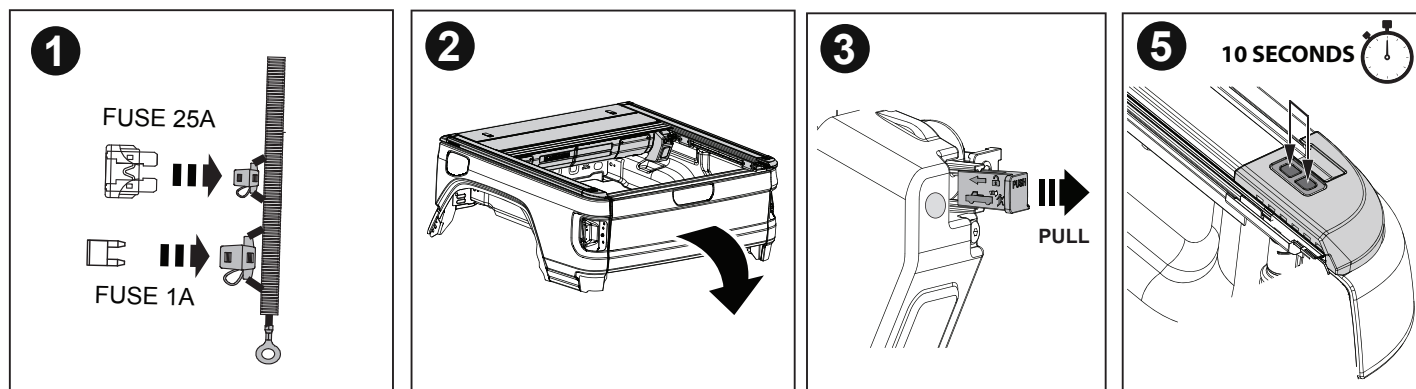
6



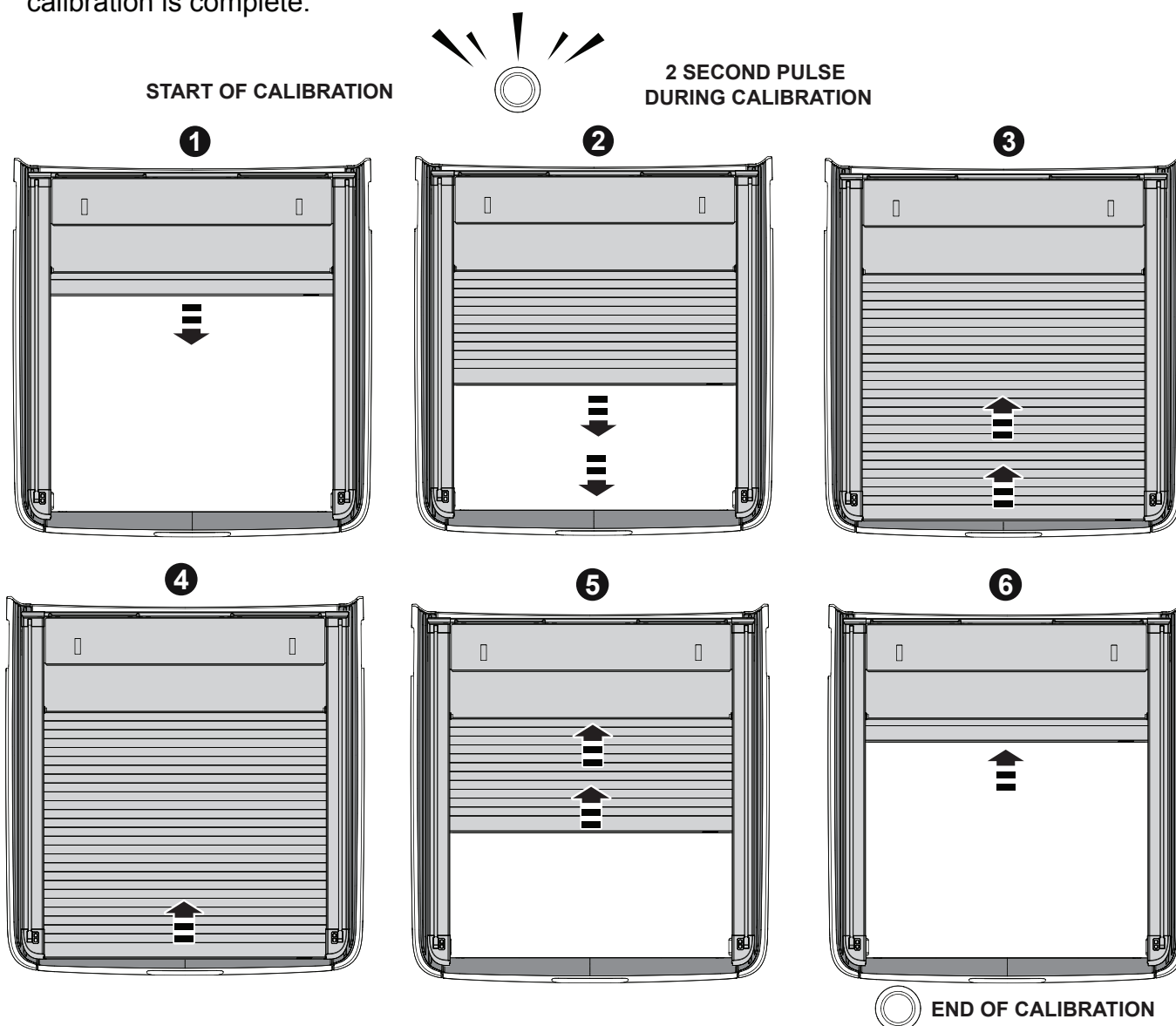
1. Insert fuse to EGR RollTrac harness.
2. Make sure the tailgate is open.
3. Engage motor, pull out lever (clutch).
4. Make sure the vehicle is unlocked and driver door open.
5. Press both buttons and hold for 10 sec. until light illuminates.



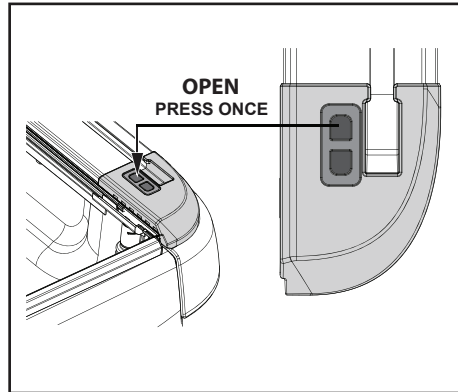
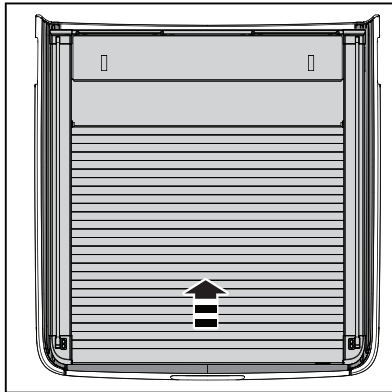
WARNING: Keep obstructions clear of cover during calibration mode.



- Cover will open and close twice automatically.
- The EGR RollTrac internal LED light will pulse slowly during calibration and stop pulsing when calibration is complete.

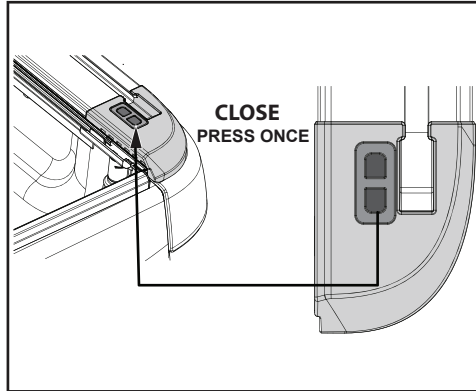
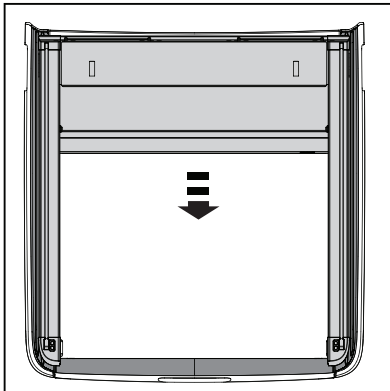


Electric Opening Procedure:



1. Press the front button on the EGR RollTrac side rail as shown.

Electric Closing Procedure:



1. Press the rear button on the EGR RollTrac side rail as shown.

NOTE: EGR RollTrac should open and close smoothly. If cover does not lock or open correctly, please refer to the trouble shooting section in the Owners Manual. If the EGR RollTrac closing is slow, clean the siderails and ensure that no dirt or debris is inside the drive rail.

Manual Opening and Closing Procedure:

Locate the Clutch Disengagement Lever on the RH side of the cover and push the Clutch inward to disengage the motor. Pull the cover rearward or forward as required. Before driving vehicle ensure you re-engage the clutch.

IMPORTANT: If clutch was disengaged, calibration procedure needs to be re-run prior to electric operation.

