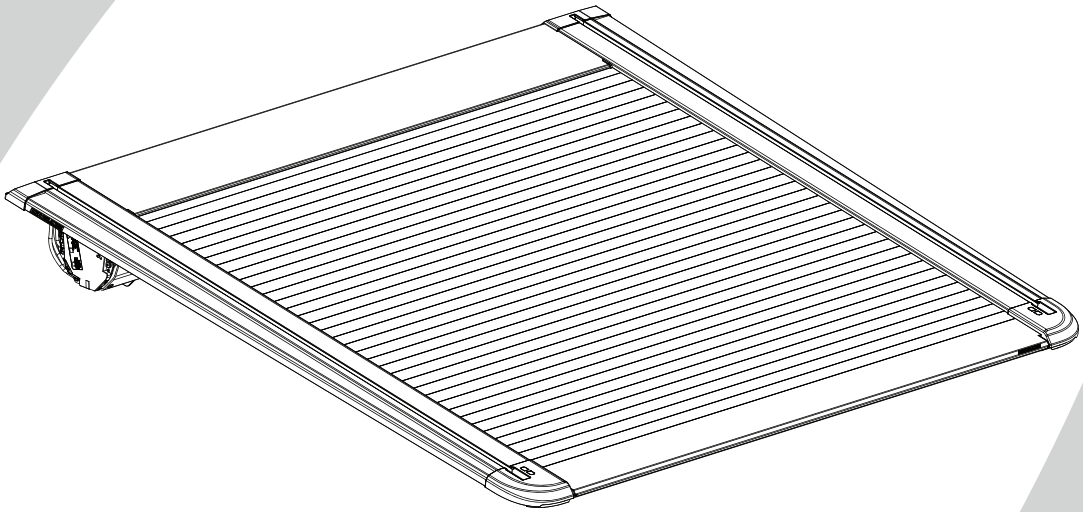
INSTALLATION INSTRUCTIONS

EGR ROLLTRAC

ELECTRIC

Vehicle Model: CHEVROLET SILVERADO 1500 (T1 XX)
5Ft/Short Bed RHD - Excludes models with accessories that would affect EGR RollTrac fitment
Year of manufacture: MY 2019 onwards



Installation time: 180 minutes

Caution

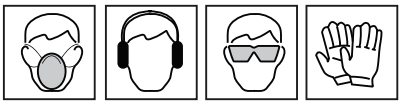
- Do not attach EGR RollTrac in a location or by a method not specified.
- Do not use this product for any vehicle make or model, other than those specified in this document.
- Do not remove the plaque or label from this product.
- Do not modify the structure of the EGR RollTrac in any way.

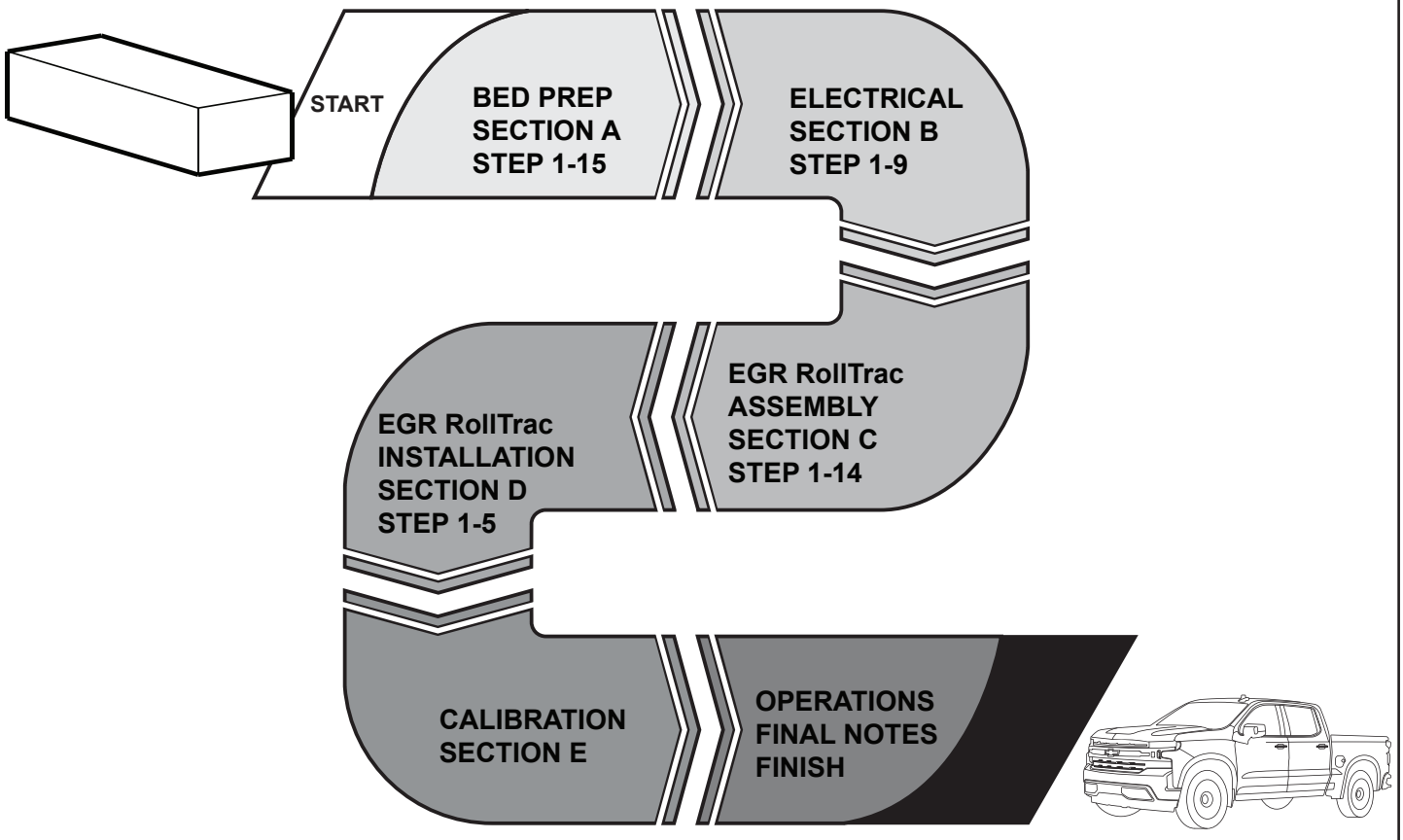
General Notes

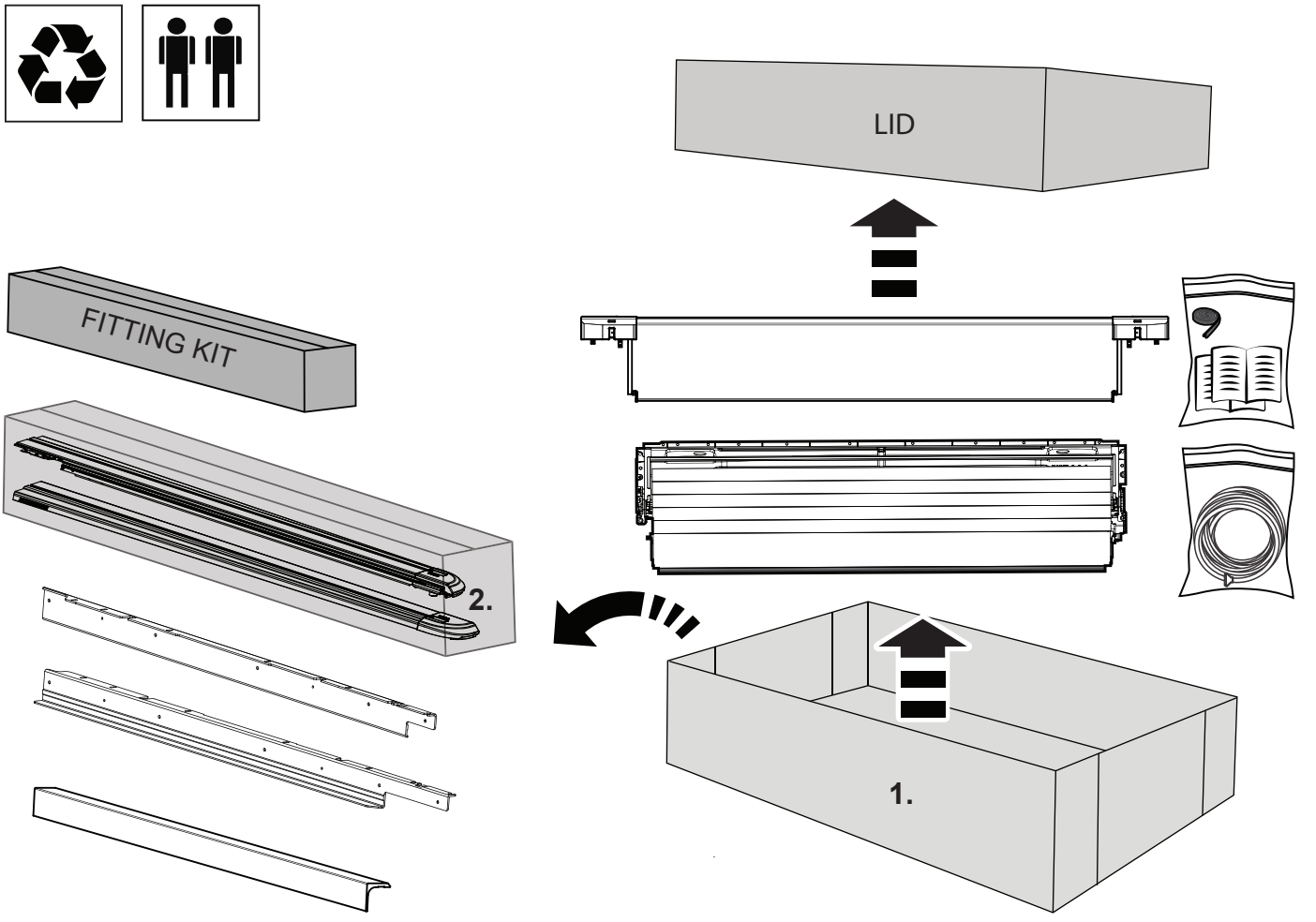
- Read through the fitting instructions before installation of EGR RollTrac.
- Always install the accessory following the fitting instructions. Failure to do so may cause damage to the vehicle or the accessory.
- Ensure all recyclable discarded vehicle accessory components and packaging are recycled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

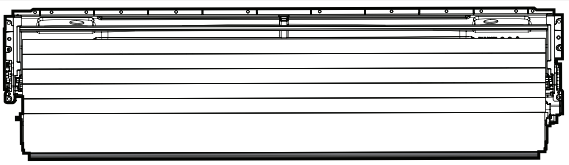



START
BED PREP
SECTION A
STEP 1-15
ELECTRICAL
SECTION B
STEP 1-9
EGR RollTrac
ASSEMBLY
SECTION C
STEP 1-14
EGR RollTrac
INSTALLATION
SECTION D
STEP 1-5
CALIBRATION
SECTION E
OPERATIONS
FINAL NOTES
FINISH


LID
FITTING KIT
2.
1.

KIT CONTENTS - COMPONENT NUMBER AND QUANTITY

1

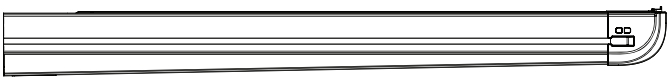


CANISTER ASM. QTY: 1

2

FRONT COVER QTY: 1

3

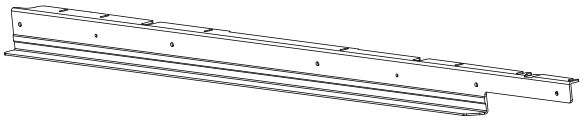


LHS RAIL QTY: 1

4

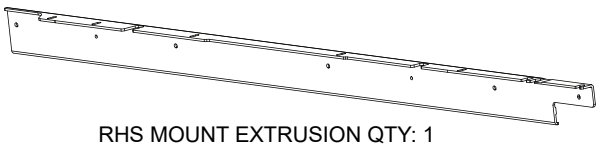
RHS RAIL QTY: 1

5



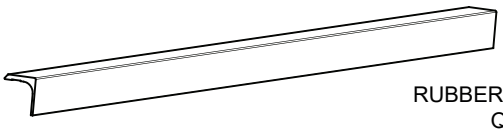
LHS MOUNT EXTRUSION QTY: 1

6



RHS MOUNT EXTRUSION QTY: 1

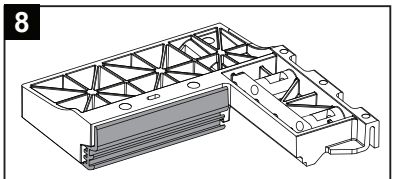
7



RUBBER EXTRUSION
QTY: 1

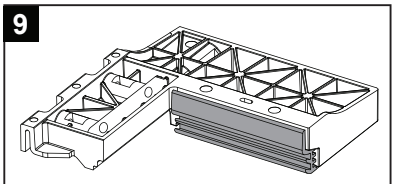
EGR RollTrac FITTING KIT IN BOX

8



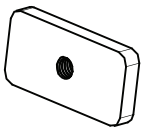
CANISTER STOP LH
QTY: 1

9



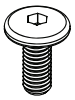
CANISTER STOP RH
QTY: 1

10



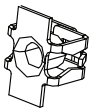
MISC5512PC
M6 TAPPED PLATE
QTY: 8

11



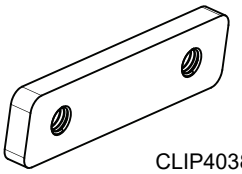
SCRW0973 (BLACK)
SCREW M6X15MM
QTY: 8

12



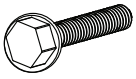
NUTS0293
M6 NUT CLIP
QTY: 2

13



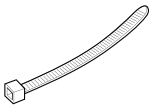
CLIP4038
M6 TAPPED PLATE
QTY: 2

14



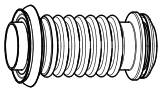
SCRW1033 (BLACK)
SCREW M6X35MM
QTY: 4

15



CONS70097
CABLE TIE
QTY: 10

16

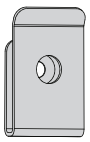


MISC5222
FRONT DRAINAGE TUBE
QTY: 2

17

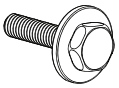
KIT037458
REAR DRAINAGE TUBE KIT
QTY: 2

18



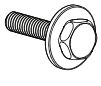
MISC4041
DRILL JIG
QTY: 1

19



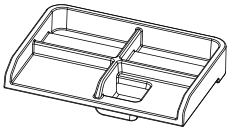
SCRW0997 (BLACK)
SCREW M6x20
QTY: 12

20



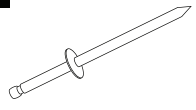
SCRW1001(SILVER)
SCREW M6x15
QTY: 12

21



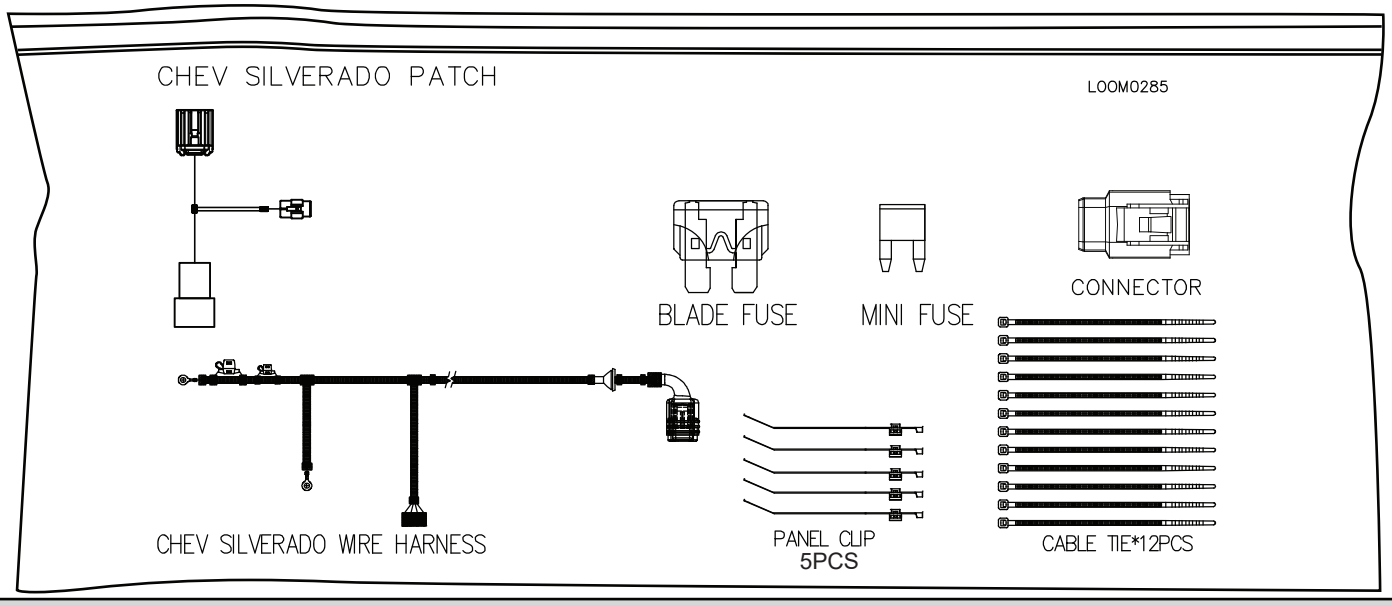
SETUP JIG
QTY: 2

22

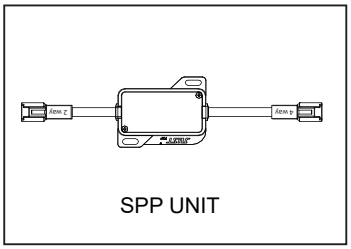


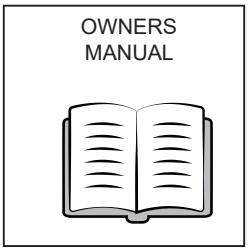
RIVET
FAST0441
QTY: 4

EGR RollTrac FITTING KIT COMPONENTS IN BAGS

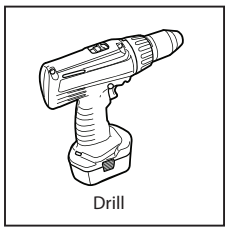


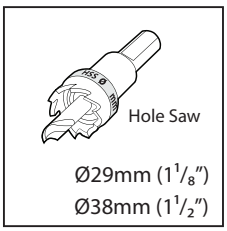
EGR RollTrac FITTING KIT ADDITIONAL ITEMS

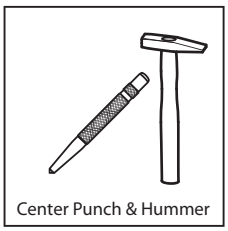


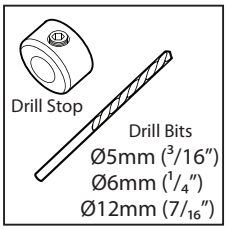


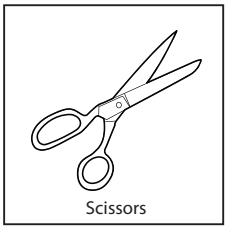
TOOLS REQUIRED - NOT SUPPLIED IN KIT

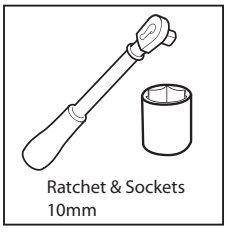


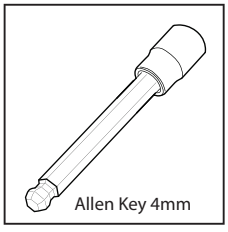


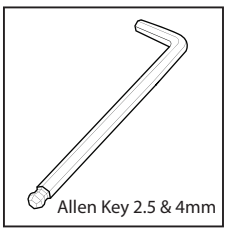


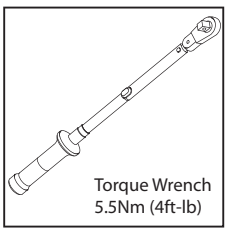


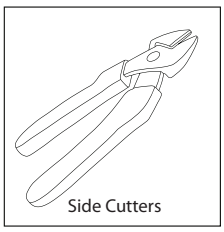


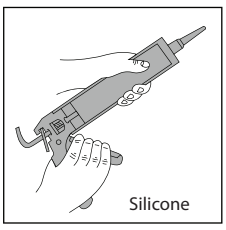


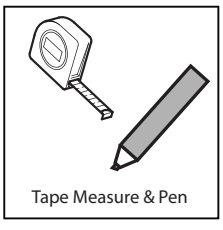




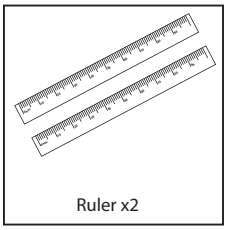








3M Primer 94 (preferred) or equivalent

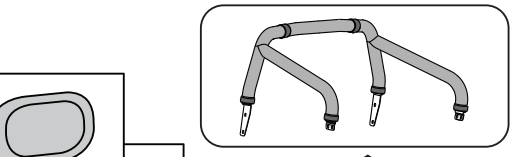


GLOSSARY:

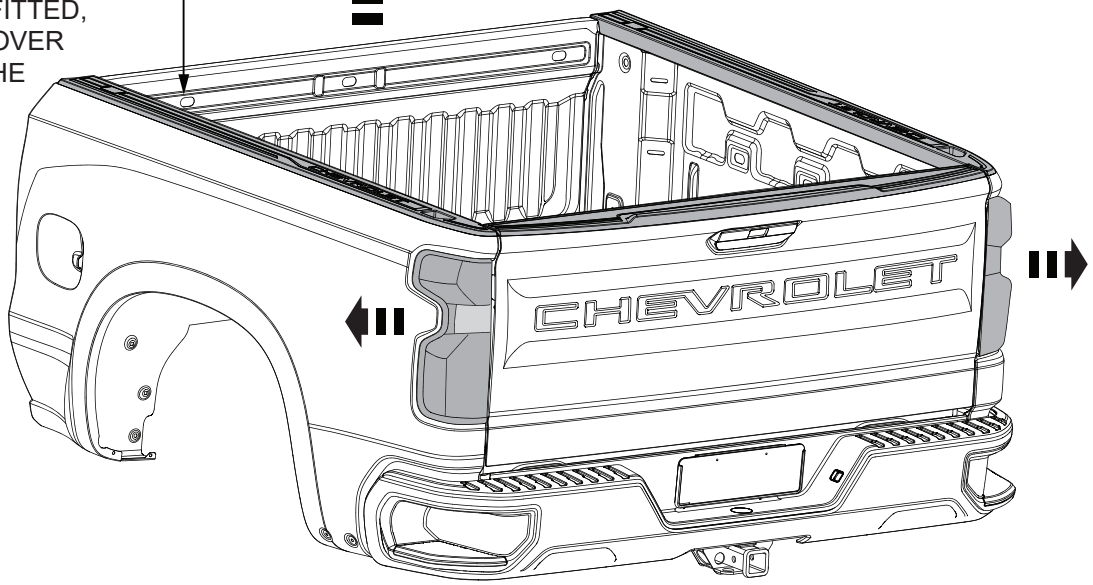
1 Number inside a square indicate part number

1 Number inside circle indicate the sequence within a step

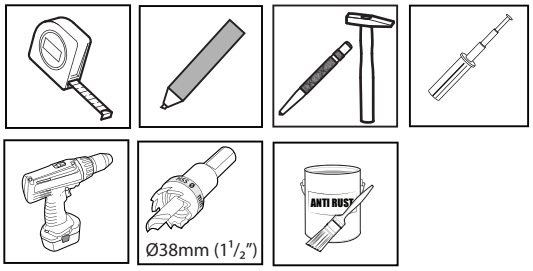
1 Number inside the hexagon indicate torque instruction



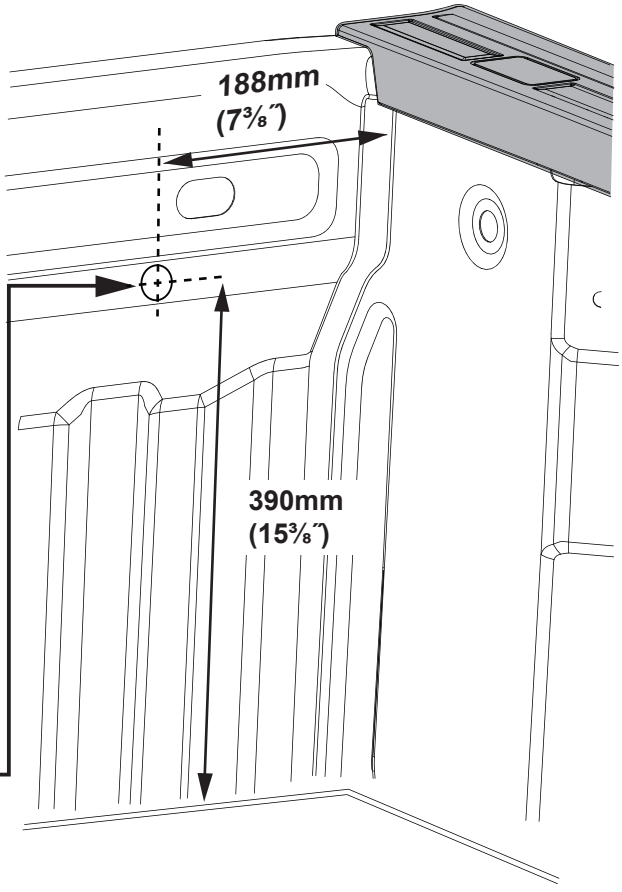
NOTE: IF TUBLINER FITTED, REMOVE PLASTIC COVER FIRST TO EXPOSE THE RUBBER PLUG AND REMOVE.



1 Carefully remove any accessories (Sports Bars, Cabin Guards, etc.) attached to the vehicle bed. Do not remove the bed rail caps and tailgate step handle if fitted. Thoroughly wash the vehicle and bed and ensure that all dirt and grease is removed. Allow to dry. Clean the top surfaces of the bed and tailgate and allow to dry. Carefully remove both Rear Tail Lamps with the appropriate tools and store in safe place. Remove and discard the LHS rubber plug as shown. Retain all hardware for re-installation.

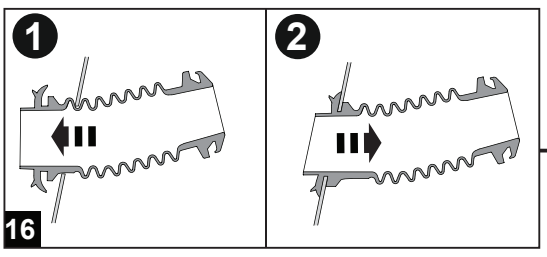


RHS & LHS

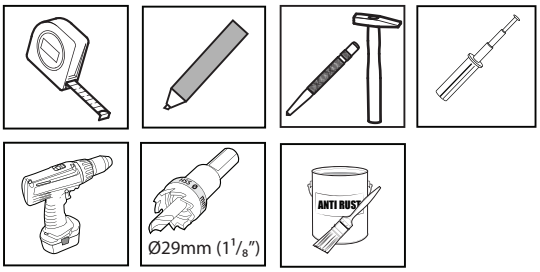


ATTENTION Ensure that the diameter of the hole does not exceed Ø38mm (1½")
Larger hole size will lead to water ingress into the bed

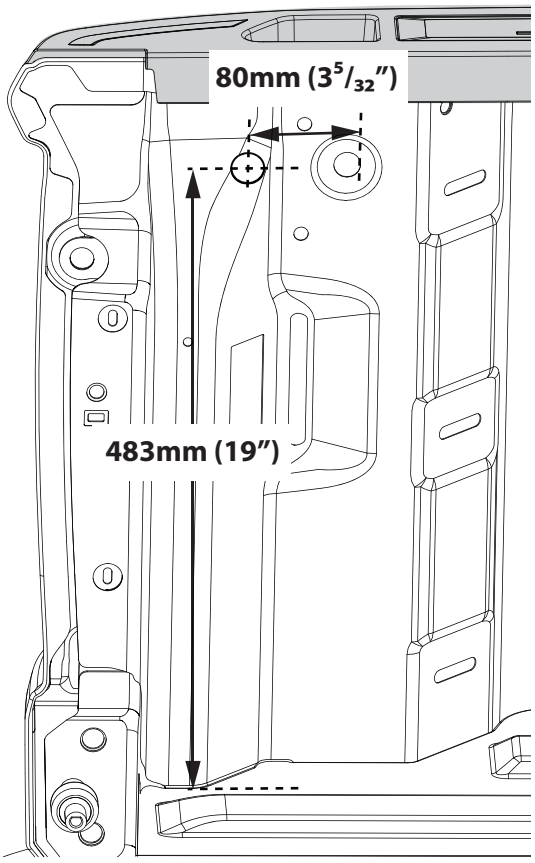
INSTALL FRONT DRAIN TUBES TO BED



2 Mark the position for the front drain holes in the bed front panel, center punch and drill with Ø38mm (1½") hole saw. RHS shown, repeat on the LHS. Clean all burrs and coat the exposed metal with a suitable rust preventative (not supplied). Fit front drain tubes (16) to the bed.



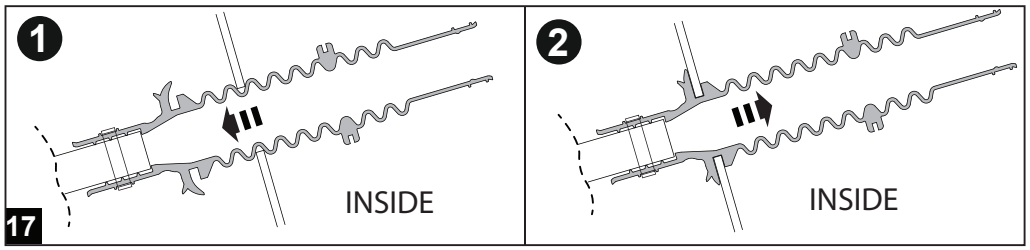
LHS & RHS



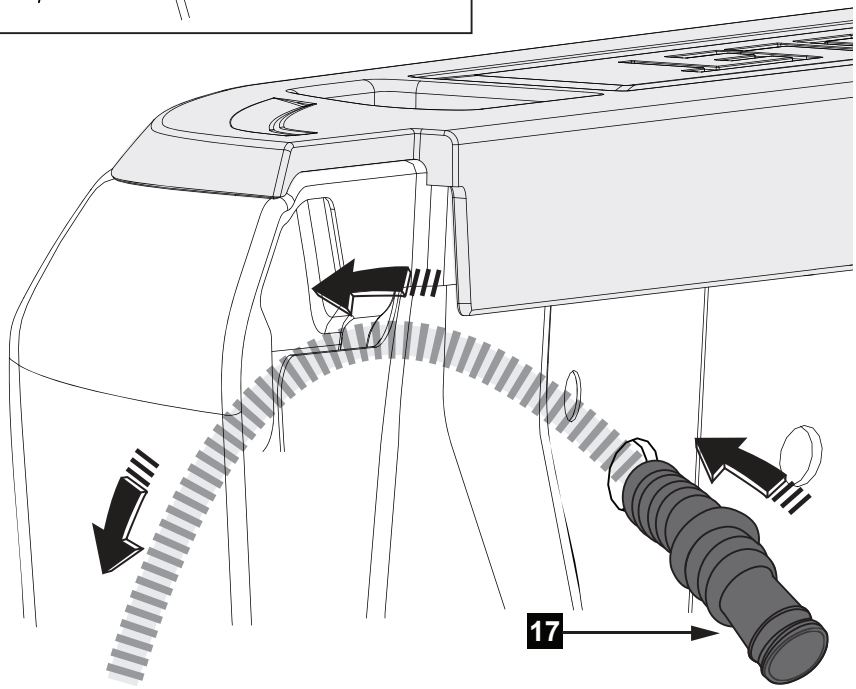
ATTENTION

Ensure that the diameter of the hole does not exceed Ø29mm (1 1/8")
Larger hole size will lead to water ingress into the bed

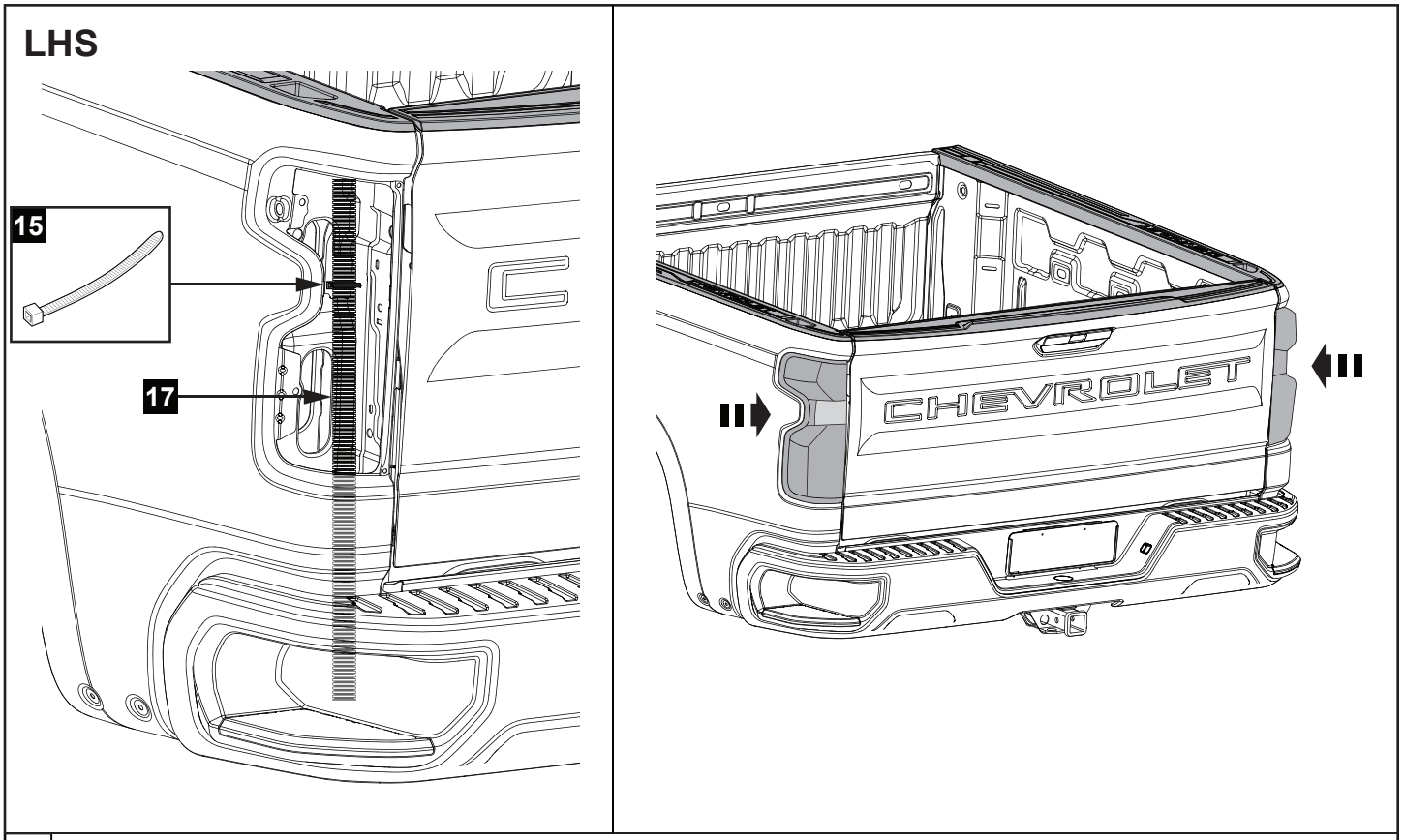
3 Mark the position of the rear drain tubes holes in the bed rear side panel, center punch and drill with Ø29mm (1 1/8") hole saw. LHS shown, repeat on the RHS. Clean all burrs and coat the exposed metal with a suitable rust preventative (not supplied).



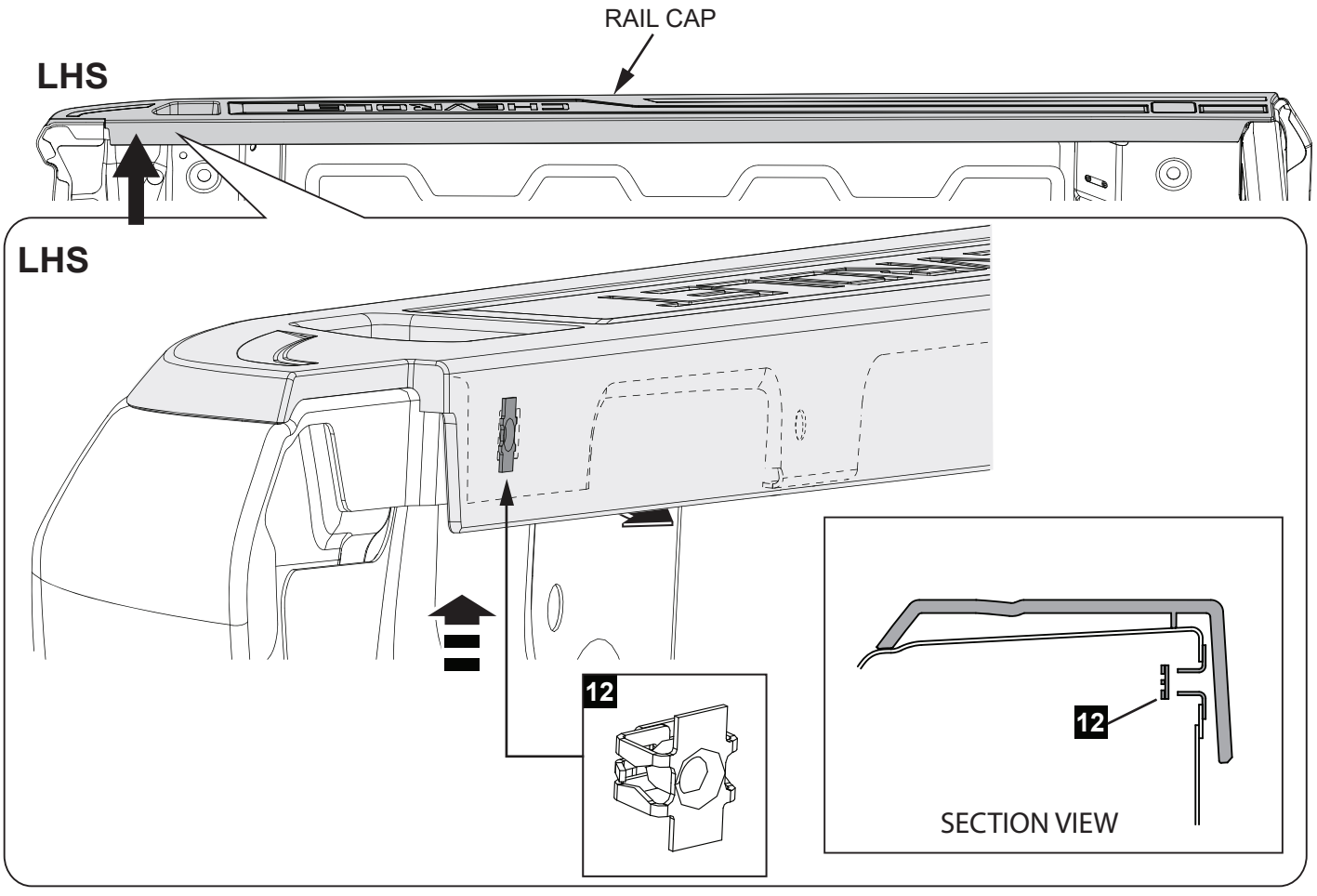
LHS



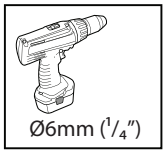
4 Feed the rear drain tube into the drilled hole. Guide the plastic tube inside the tail light cavity towards the ground. Push the rubber tube in until seated firmly in the hole, see detail view.



5 Secure the drain tube (17) to the sheet metal inside the tail light cavity using one cable tie (15) on each side. Refit the tail lights.

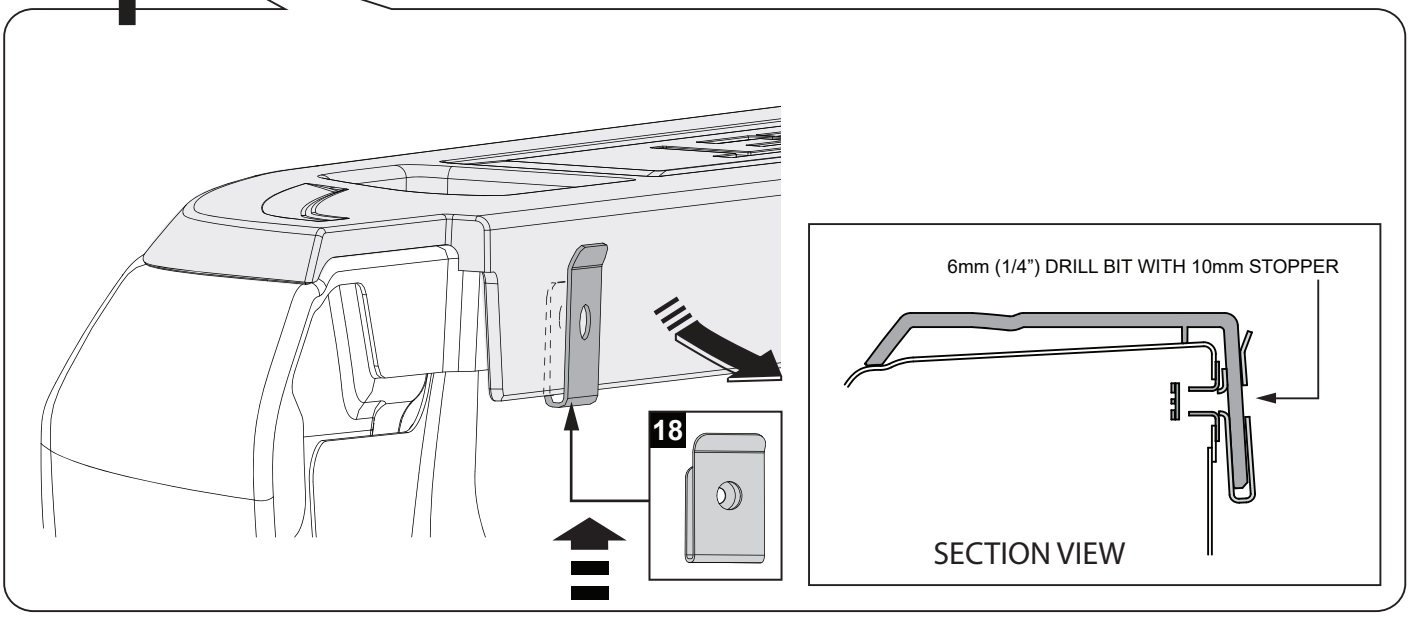


6 Lift the rail cap corner (rear LHS shown) and push in the M6 Nut Clip (12) into the square hole in the bed. Repeat for the RHS.

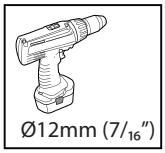


ATTENTION **USE DRILL JIG**

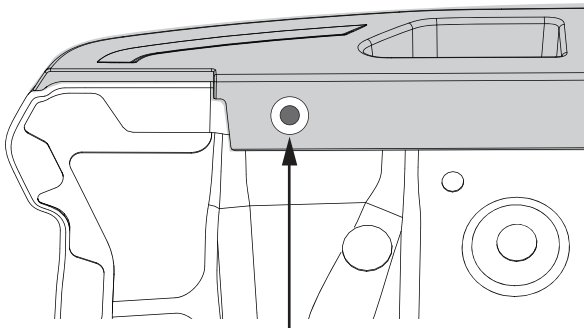
LHS

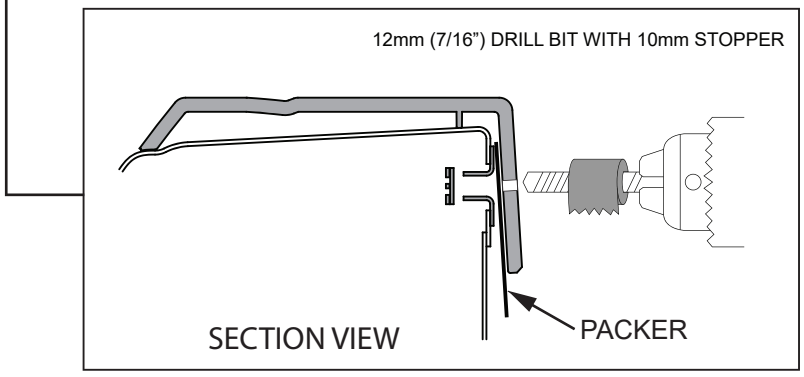


7 Lift the plastic rail cap and slide the drill jig (18) onto the plastic only. Position the drill jig over the M6 Nut Clip and make sure the extruded hole on the jig locates into the hole in the nut clip before drilling .
Drill a pilot hole using Ø6mm (1/4") drill bit through the plastic only. Remove the jig.

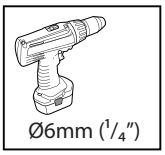


ATTENTION **USE DRILL JIG**



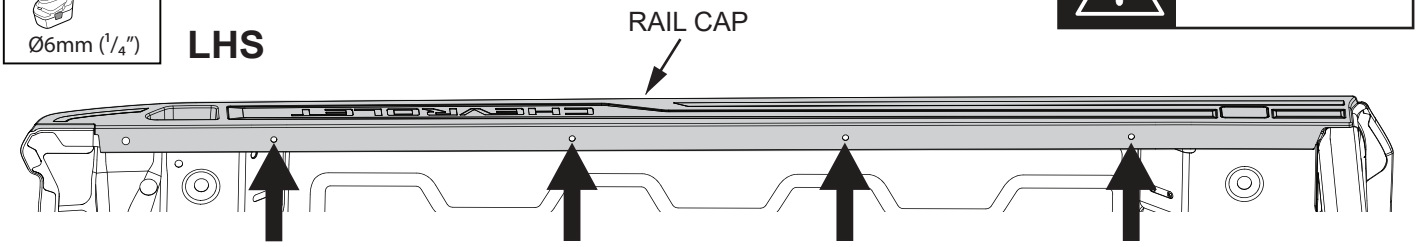


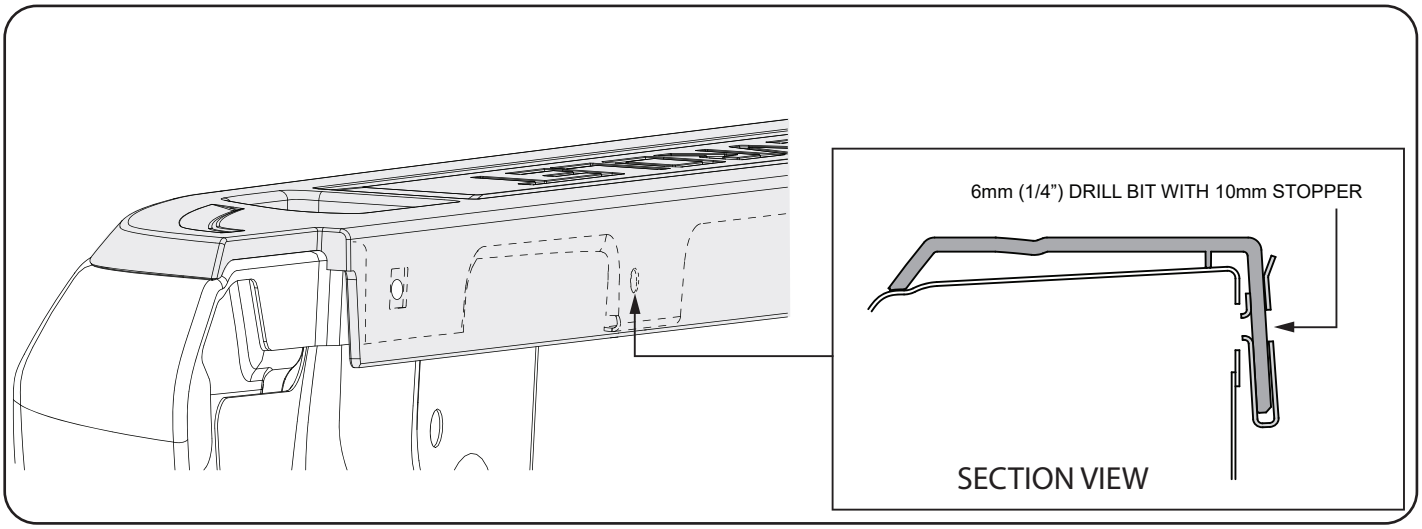
8 Using the pilot hole in bed cap (from step 7) as a guide, enlarge the hole with a 12mm (7/16") drill bit. DO NOT touch the sheet metal while drilling (the use of a drill stop and/or a packer to protect the nut clip is recommended). Ensure the hole in plastic clears the hole in nut clip.



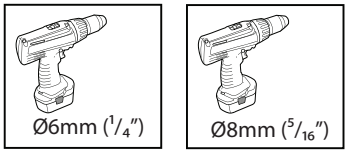
LHS

ATTENTION **USE DRILL JIG**

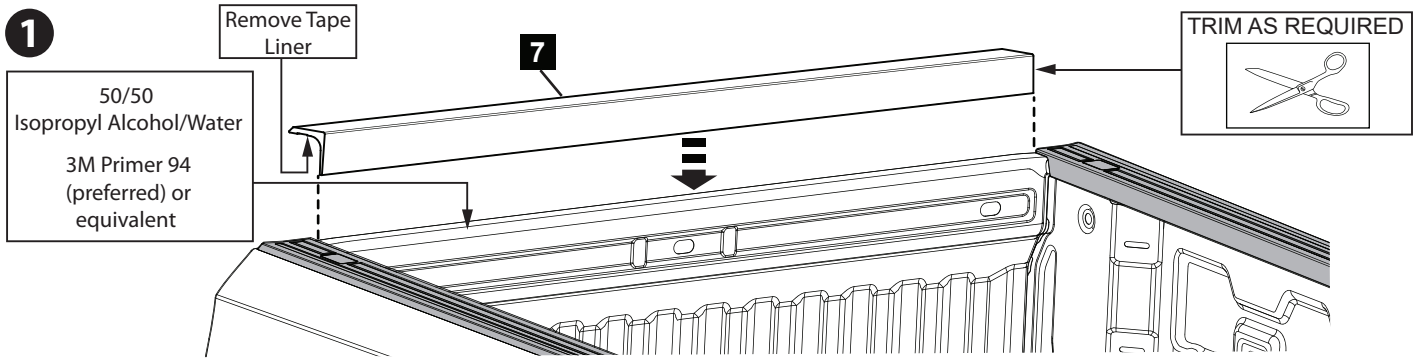


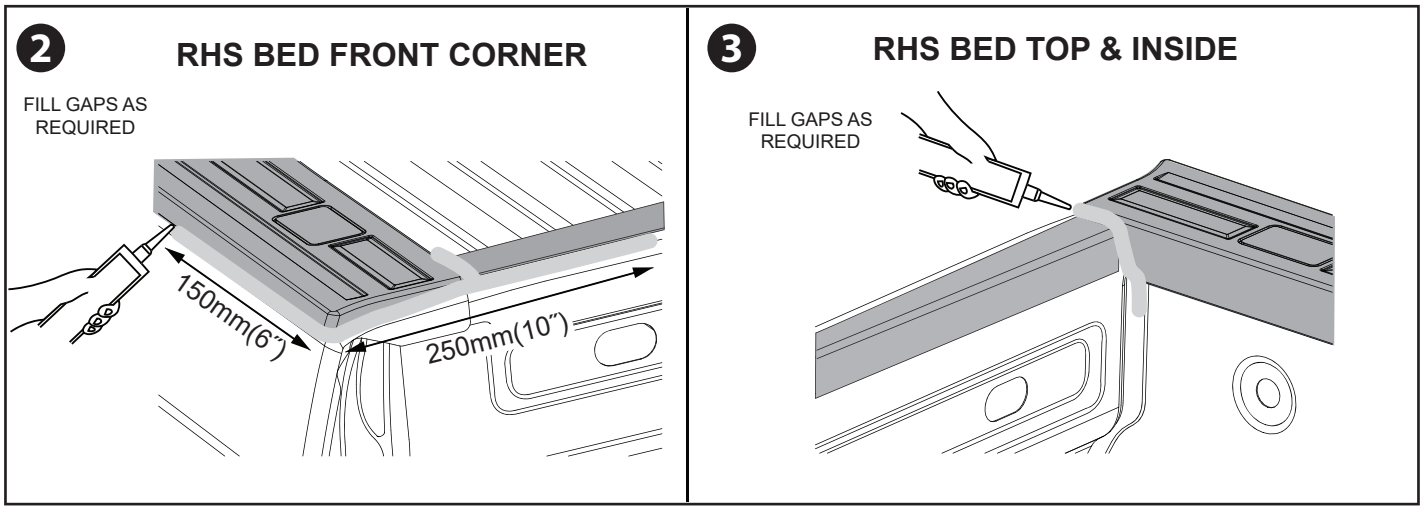


9 Locate the 4 holes in the sheet metal. Slide the drill jig over the remaining 4 locations, locating the extruded hole centrally into existing hole, and drill a pilot hole using a diam. 6 (1/4") drill bit through the plastic only. Remove the jig.

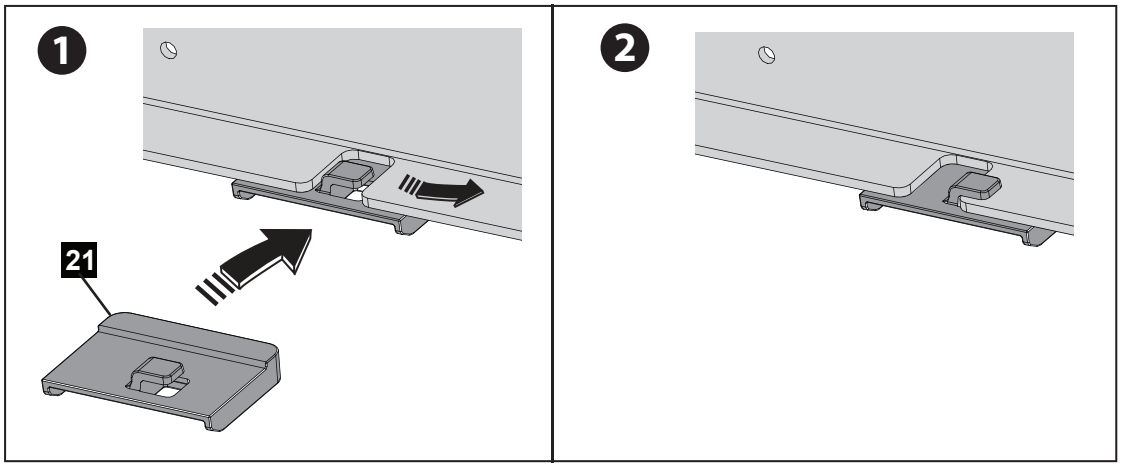


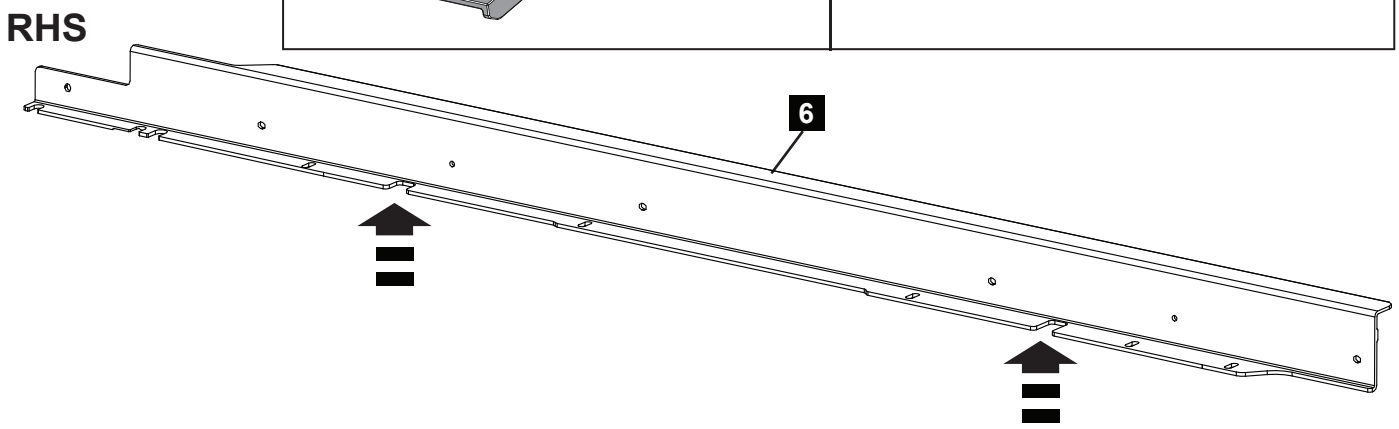
10 Using the pilot holes in bed cap (from step 9) as guides, enlarge the holes with a 12mm (7/16") drill bit. DO NOT touch the sheet metal while drilling (The use of a drill stop and/or a packer to protect the bed's sheet metal is recommended). Ensure the holes in plastic clear the holes in bed.
Repeat steps 6 to 10 on RHS.



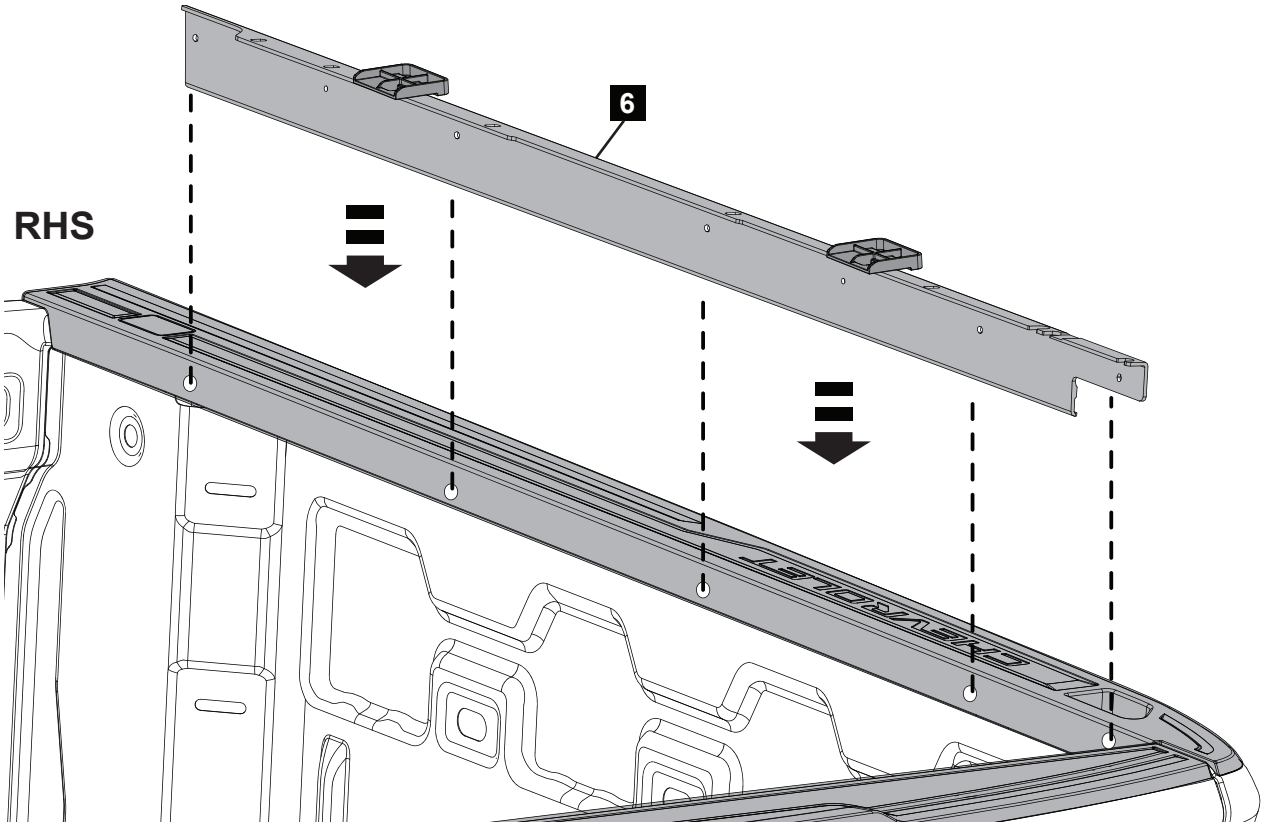


11 Clean the front top of the bed using Isopropyl Alcohol/Water mix and apply primer to the top area. Allow to dry. Place the extrusion (7) on front of the vehicle bed, check the length and trim to full width if required. Pre-peel 50mm (2″) of the tape liner from one end of the Rubber Extrusion (25). 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.

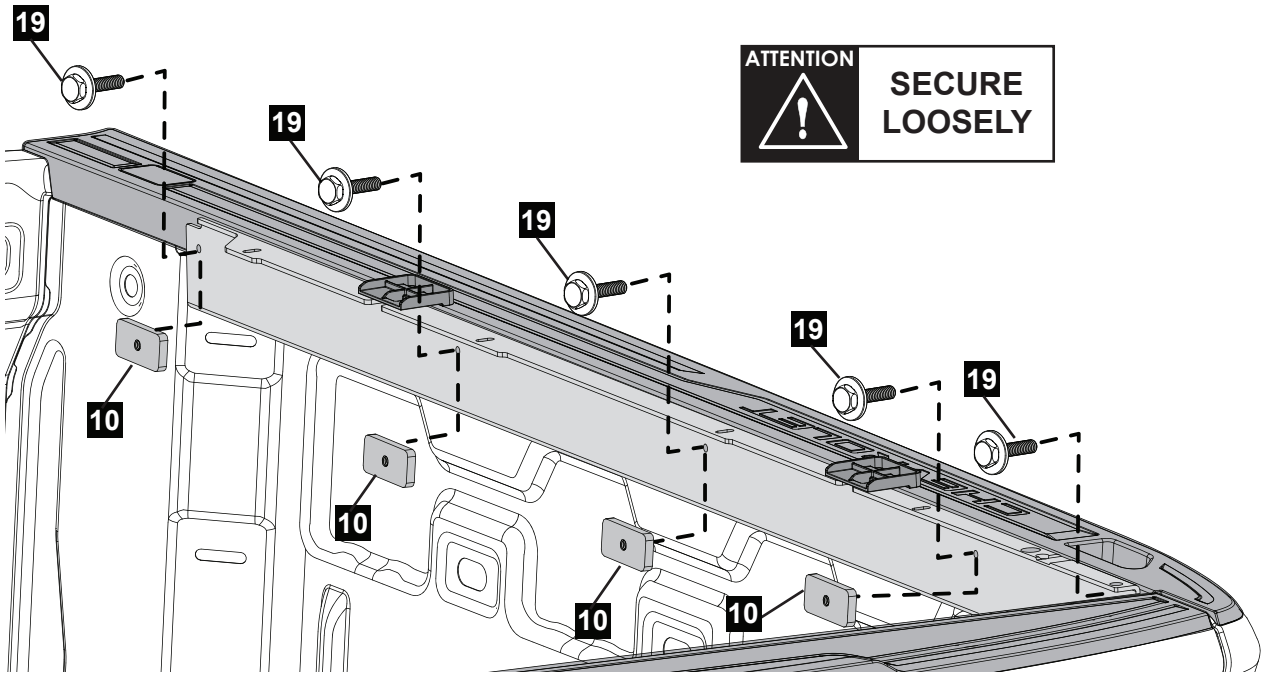




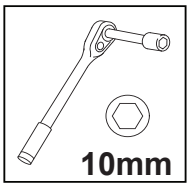
12 Fit two setup jigs (21) to the RHS mount extrusion (6) in locations shown. Jigs will be reused for the LHS.

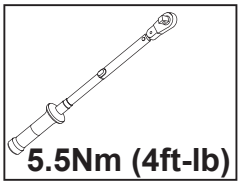


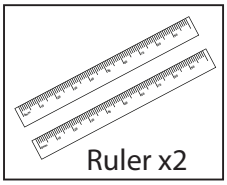
13 Place the mounting extrusion (6) on the inside of the bed until the setup jigs rest on top of the bed cap. Align the 5 holes in the extrusion with the 5 holes in the bed side face (holes previously drilled in the plastic bed cap).

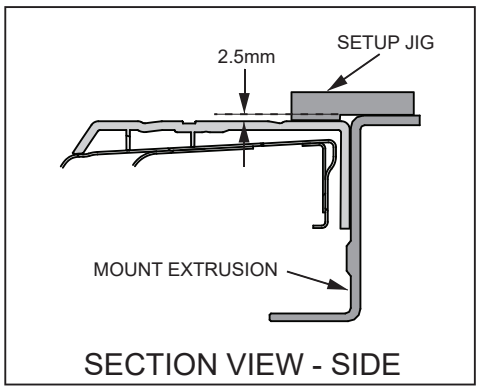


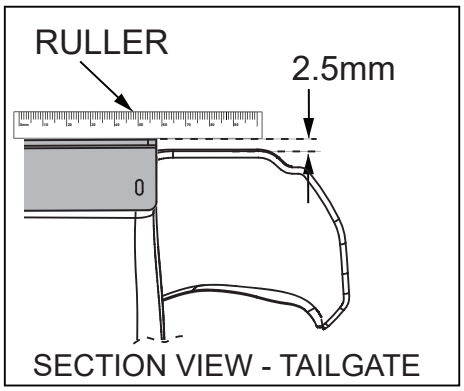
14 Secure loosely the mounting extrusion (6) to the bed using 5 screws (19) and 4 tapped plates (10), slide the plates behind the bed inner flange and while holding with one hand secure with screw. The last screw towards the rear of the bed will not require plate as it will screw into the previously fitted M6 clip.

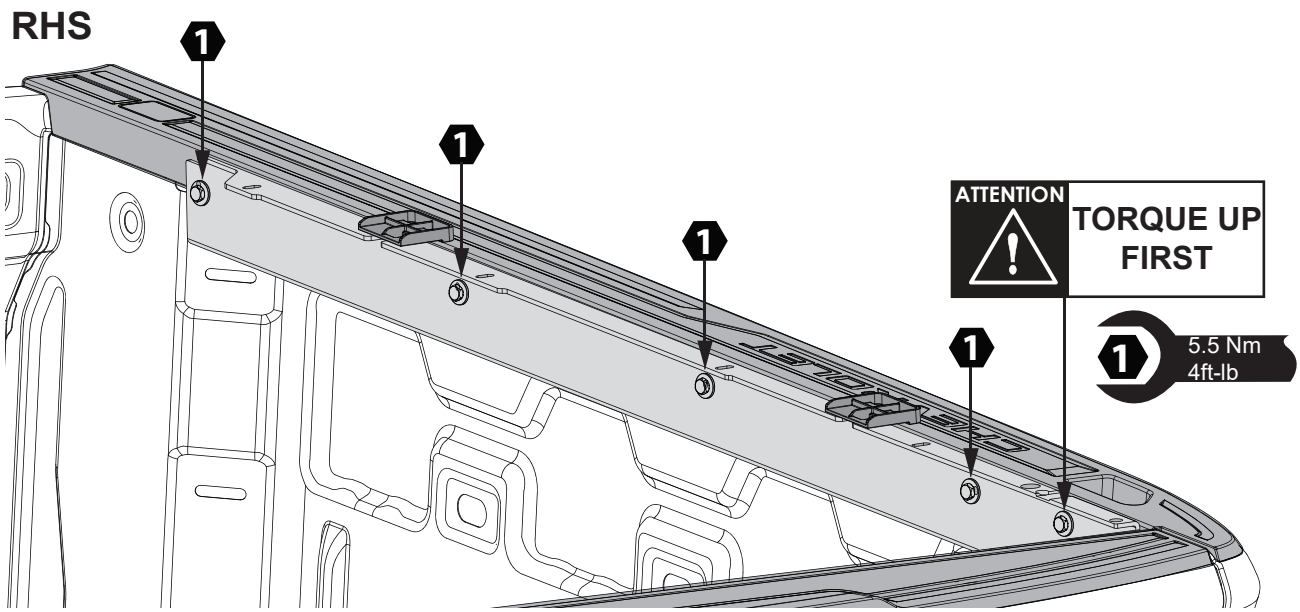








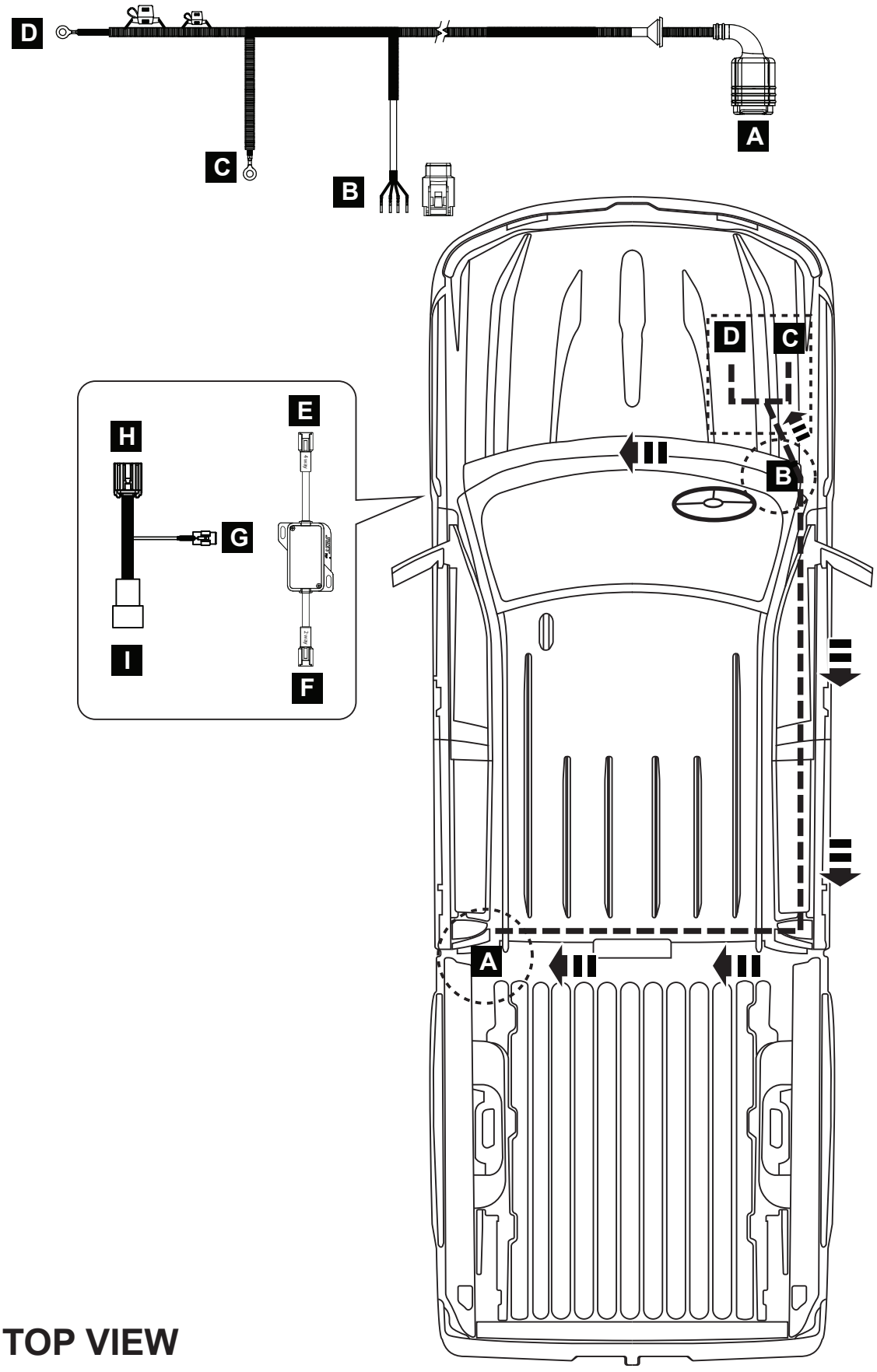




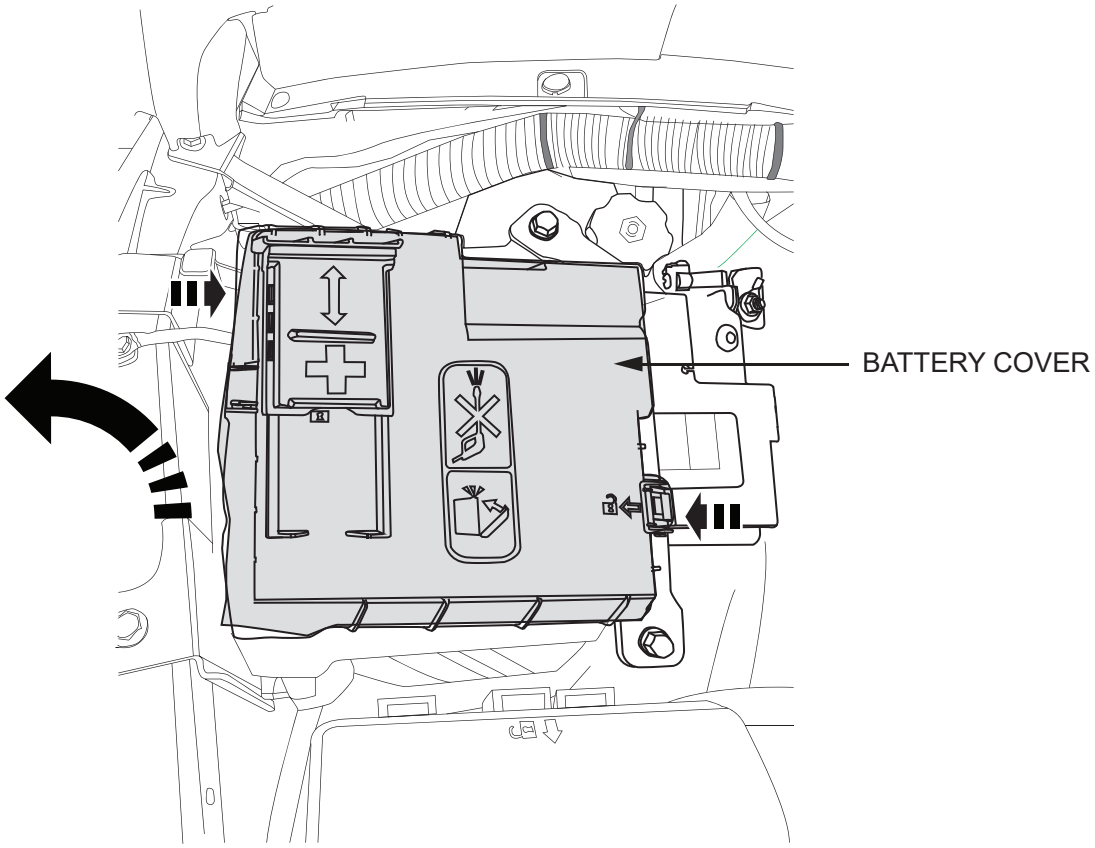
15 Set the vertical position of mounting extrusion by adjusting the extrusion relative to the bedcap (ensuring parts are held level). Use the setup jigs to achieve a 2.5mm step between the front end of the extrusion Vs bed cap; and a 2.5mm step between the rear end of extrusion Vs tailgate - as shown in detail views above.
IMPORTANT: Torque-up the rear screw first. Torque all screws to 5.5Nm (4ft-lb).
Verify the step is still 2.5mm; if so, remove the setup jigs. Repeat step 10-15 for the LHS.

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.

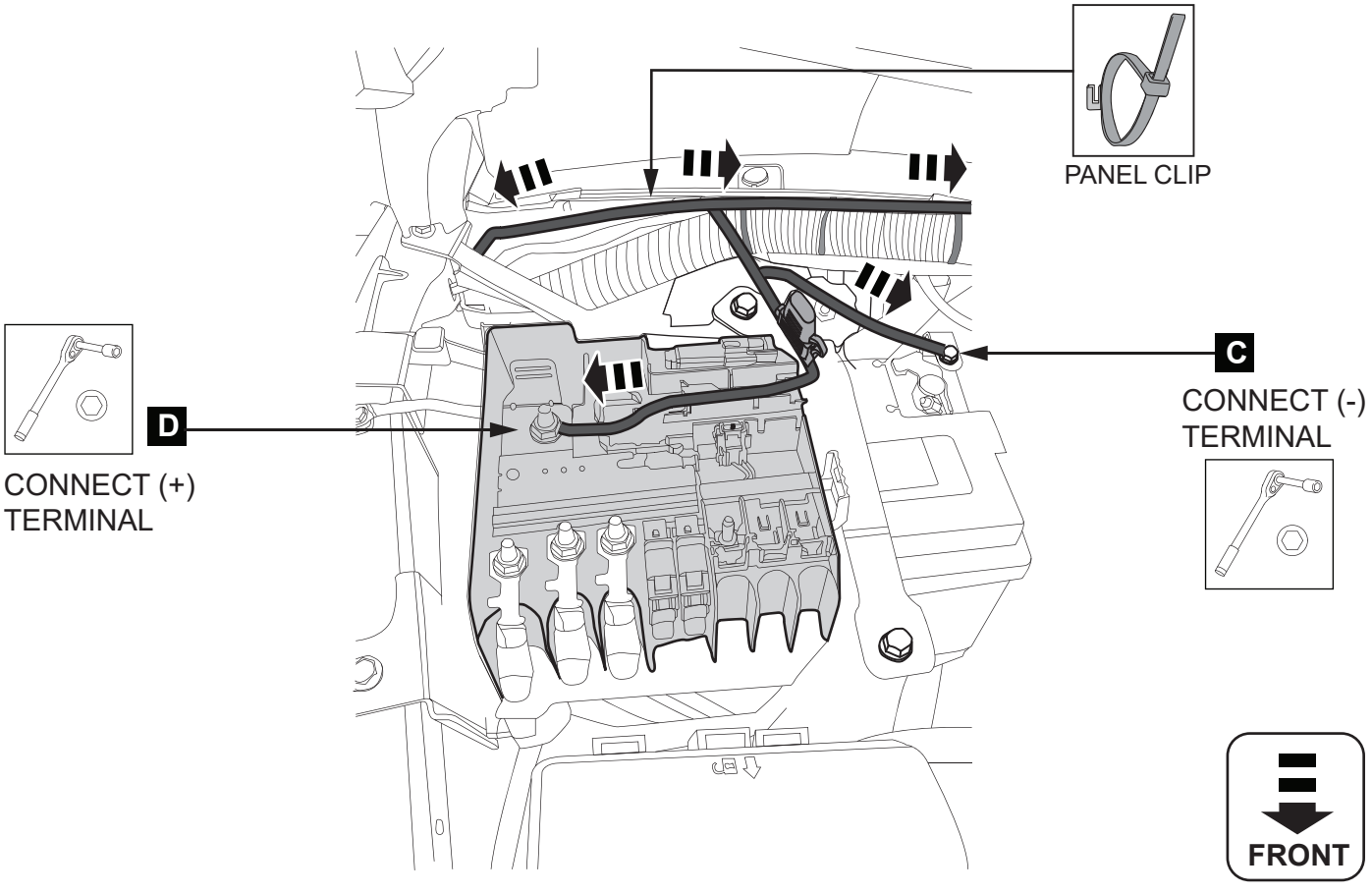
HARNESS ROUTING OVERVIEW FOR RHD VEHICLES



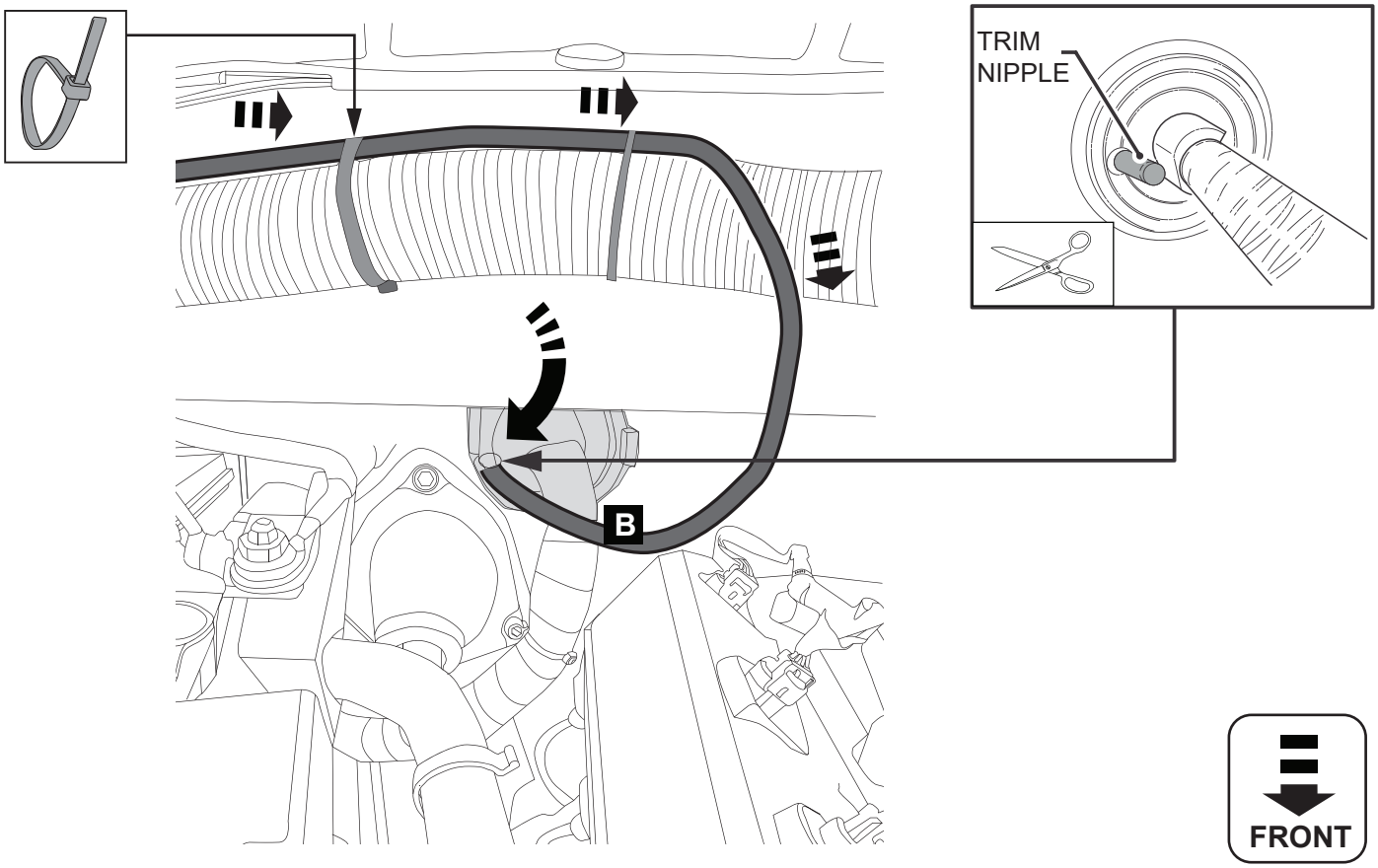
TOP VIEW



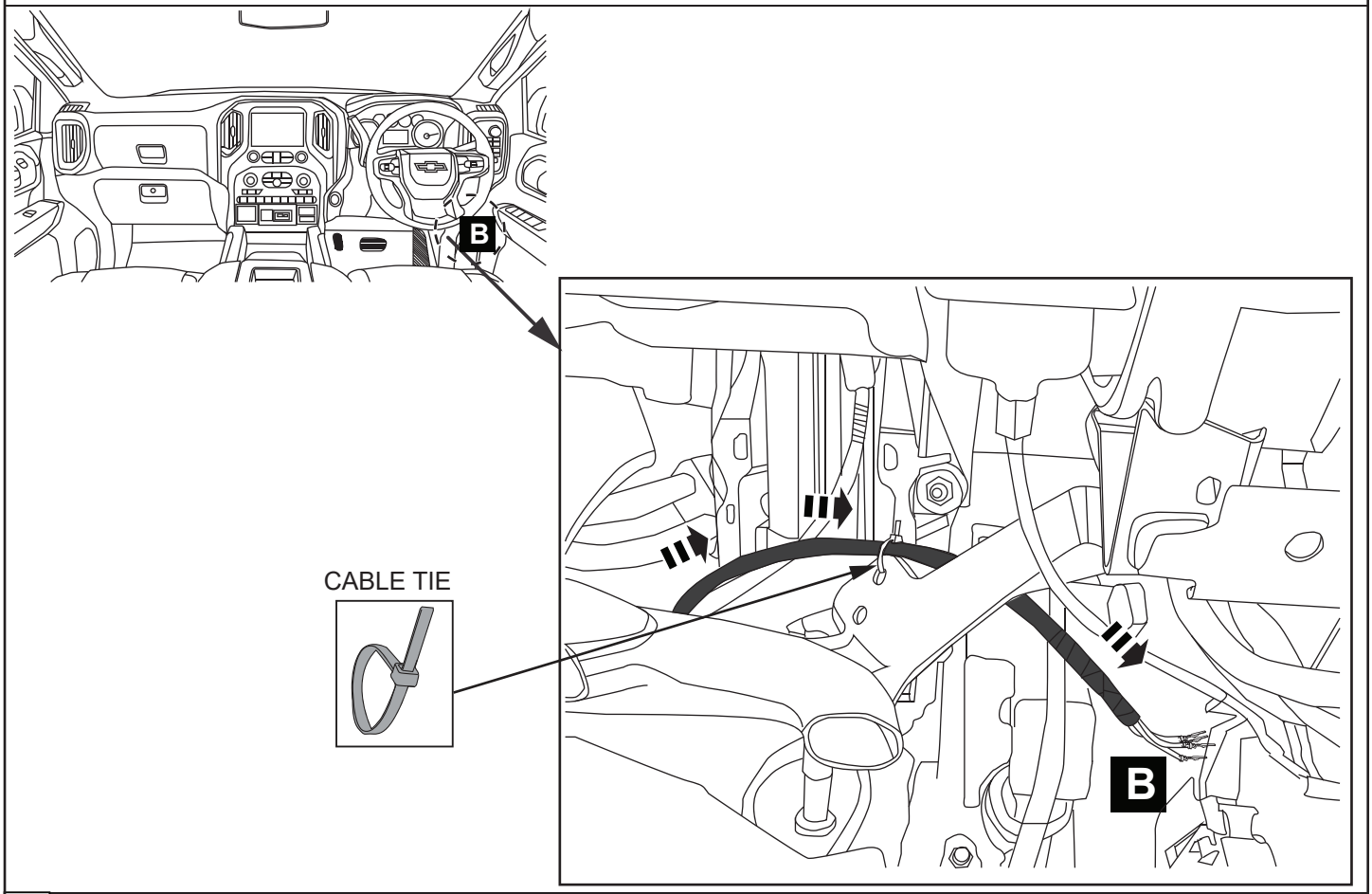
1 Remove the battery cover by pressing on the side tabs.



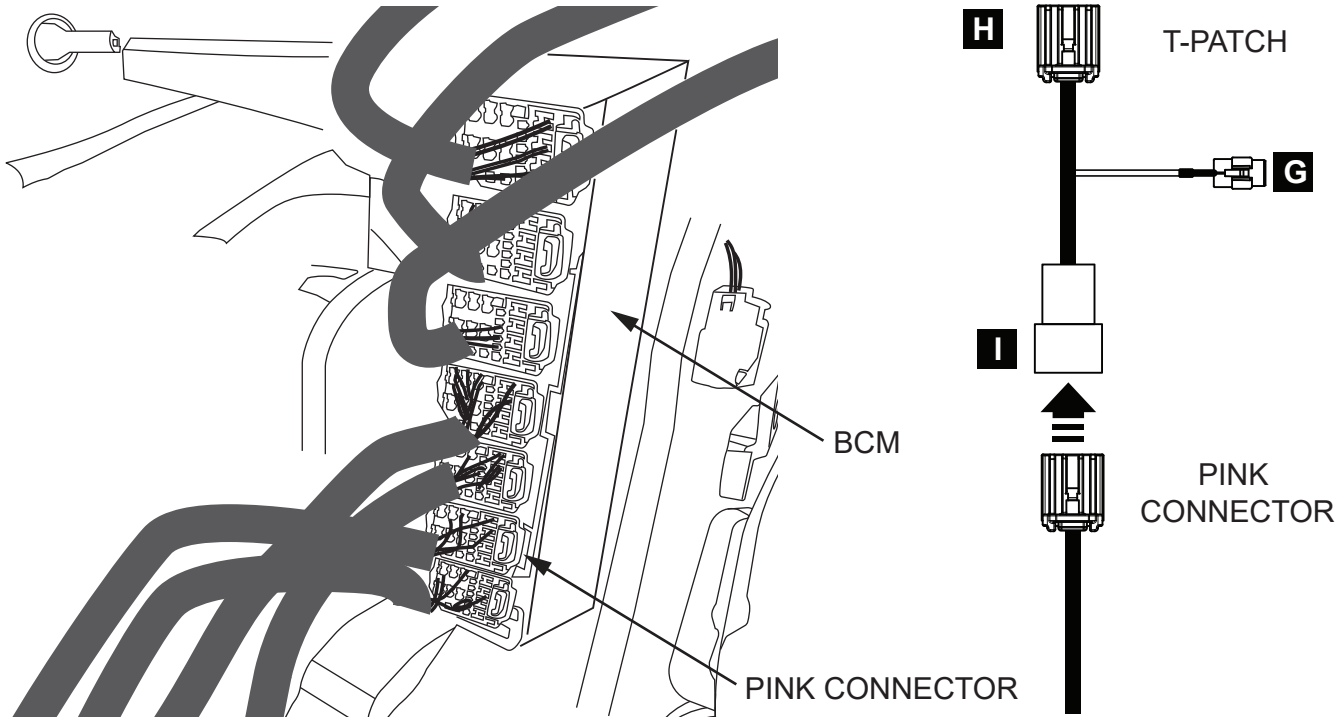
2 Connect the negative terminal (C) to the location as shown and positive terminal (D) to the battery.
IMPORTANT: Ensure the fuses are not fitted to the harness at this stage.



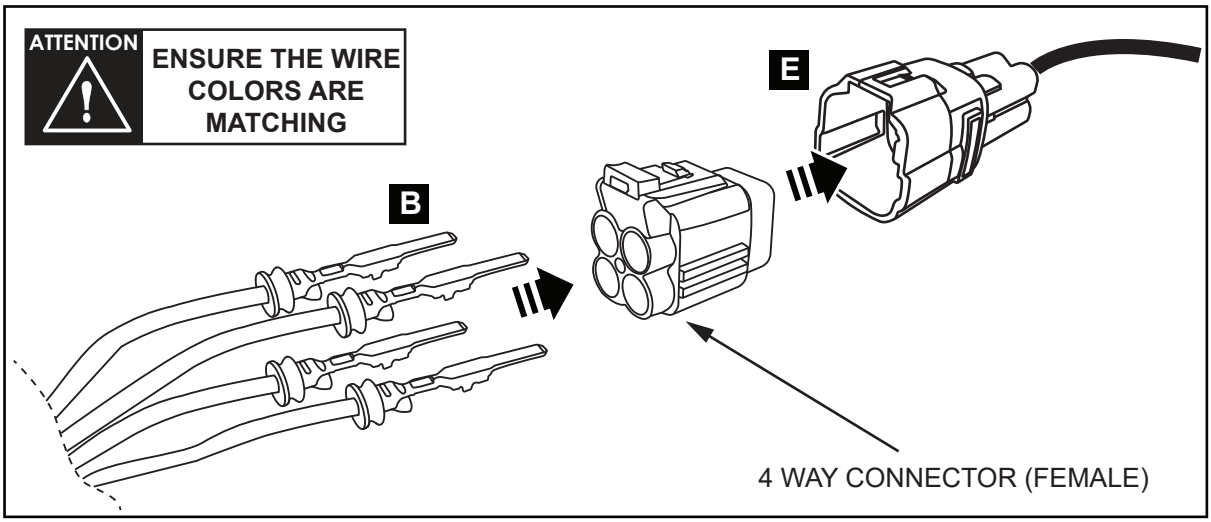
3 Behind the battery locate the vehicle harness entry point to the cabin. Trim the rubber nipple to open the hole and feed the harness branch (B) into the cabin.

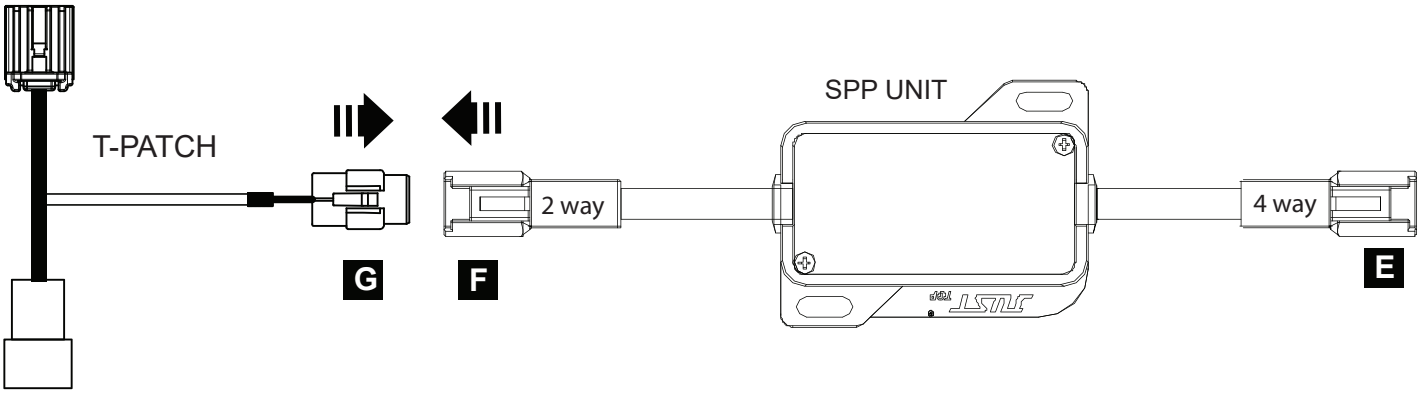


4 Inside the cabin route the harness branch (B) under the dashboard on the RHS of the vehicle, securing it to the existing harness or any anchorage points where possible using cable ties.

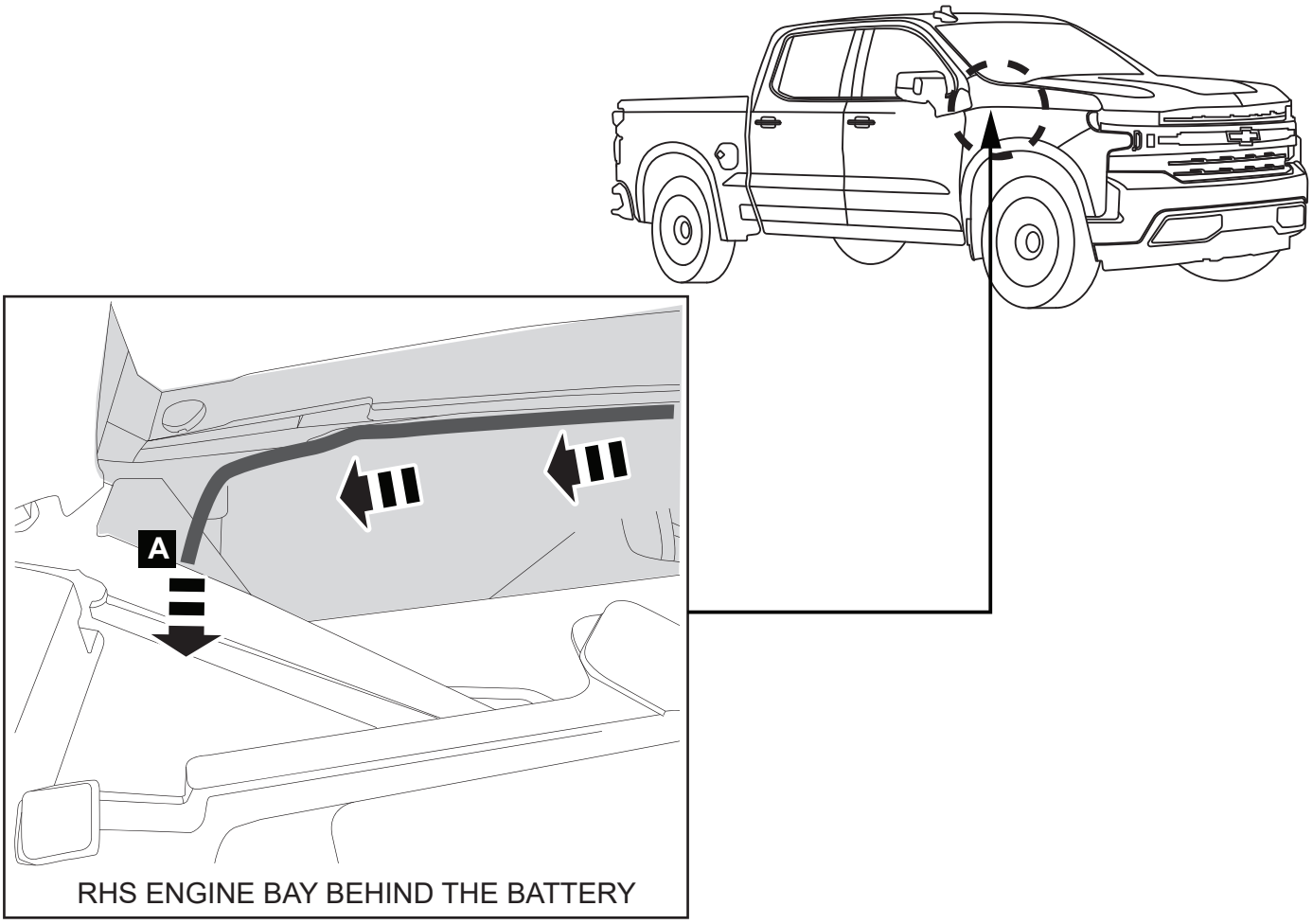


5 Behind the RHS kick panel locate the pink connector and unplug it. Connect the pink connector to the T-patch (I) as shown and plug the female pink connector from the T-patch (H) into the vehicle.



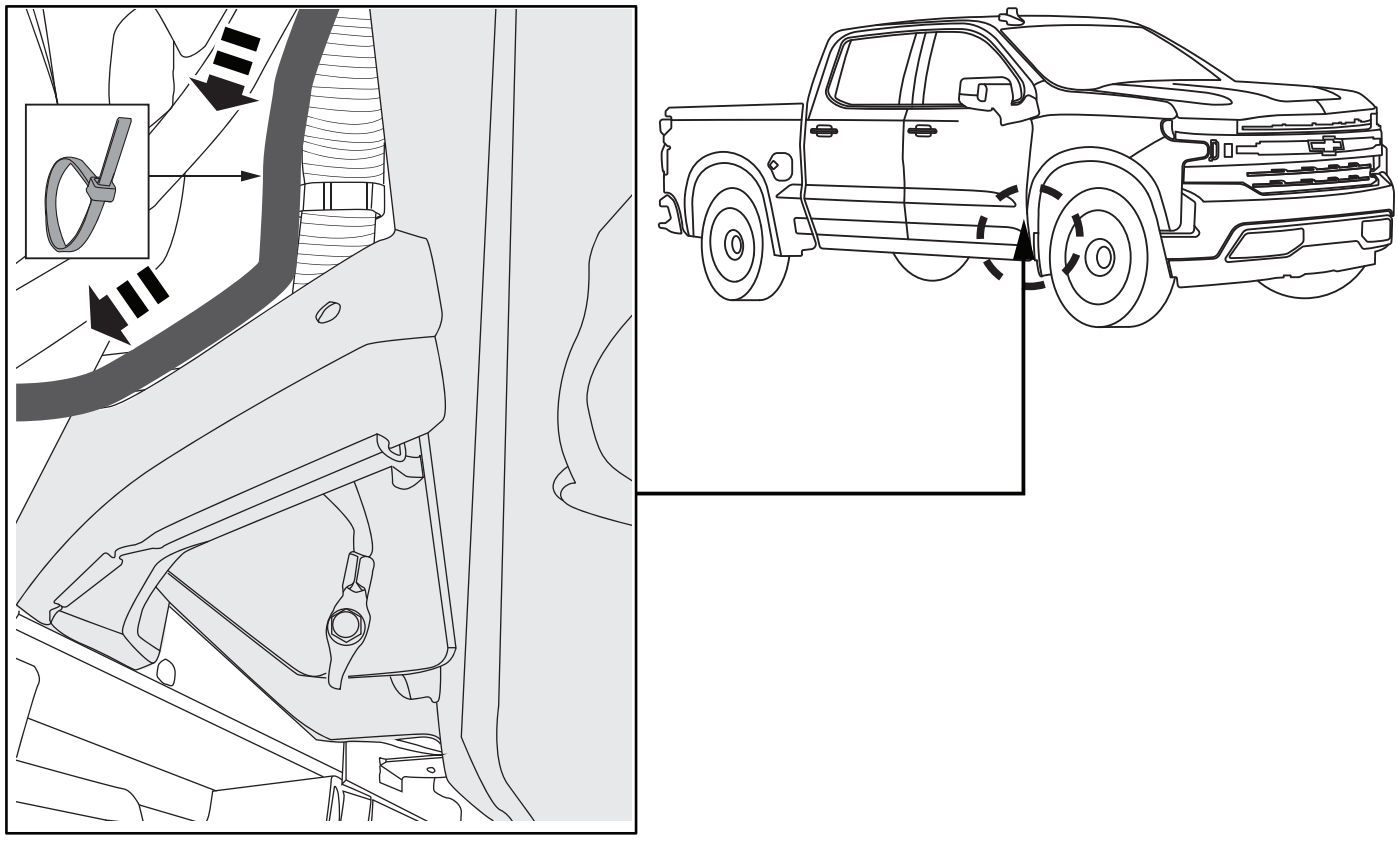


6 Fit the 4 blade wires from harness (B) into the 4-way connector (supplied) ensuring that the wire colors are matching the wires by color with the SPP-unit connector (E).
Connect the T-patch 2-way connector (G) to the SPP-unit connector (F). Secure the harness with cable ties and refit any plastic covers if removed.

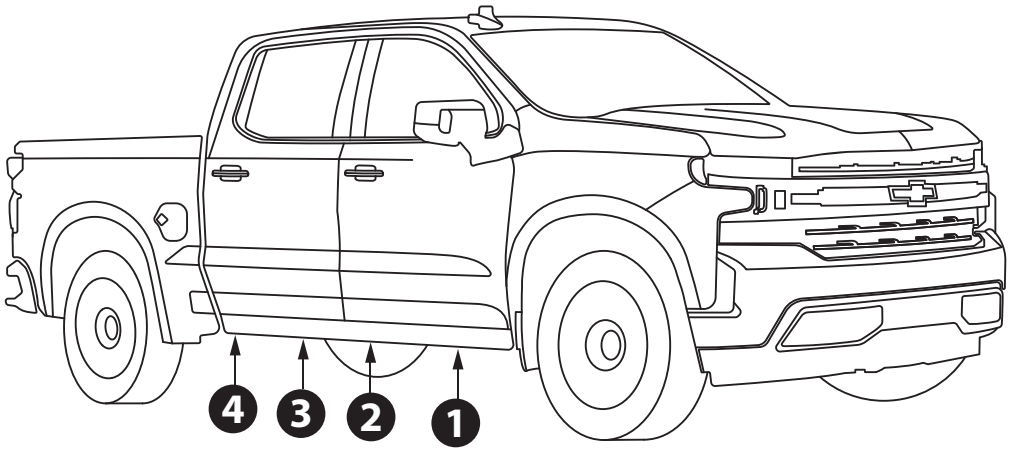


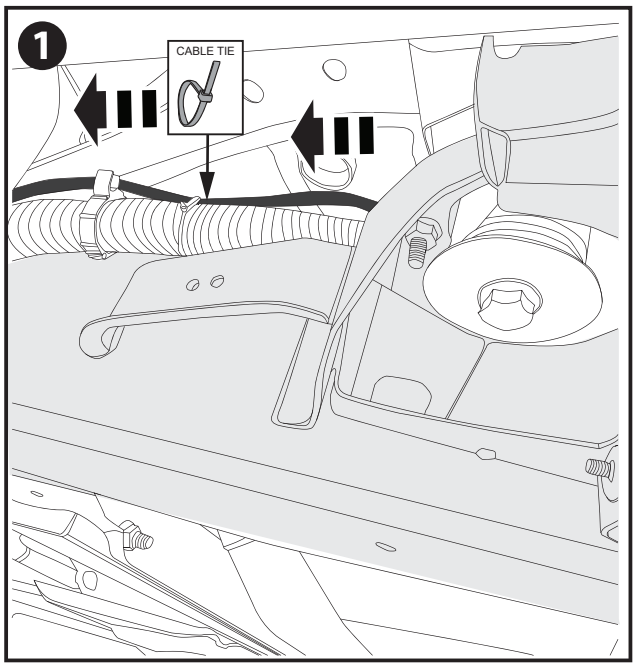
RHS ENGINE BAY BEHIND THE BATTERY

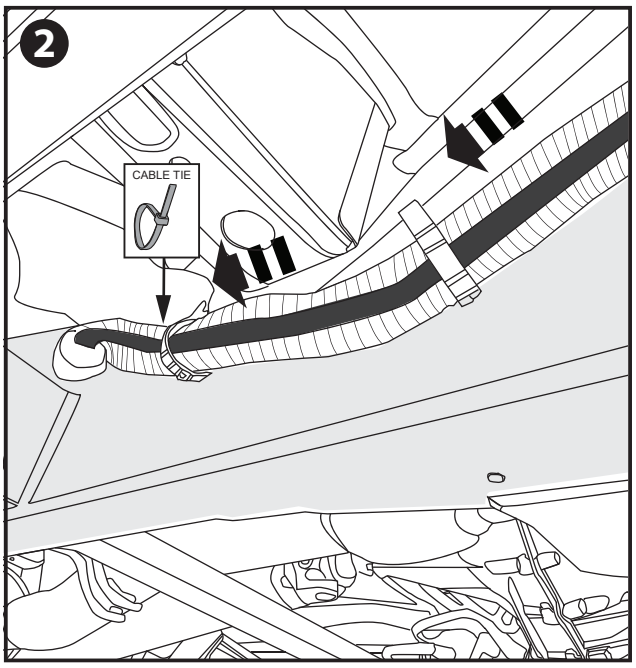
7 Feed the remaining harness branch (A) down towards the ground between front fender / wheel arch liner and FOD. Secure the harness with cable ties.



8 Run the harness on top of the chassis rail towards rear of the vehicle and secure to the existing vehicle harness using cable ties.


4
3
2
1


1
CABLE TIE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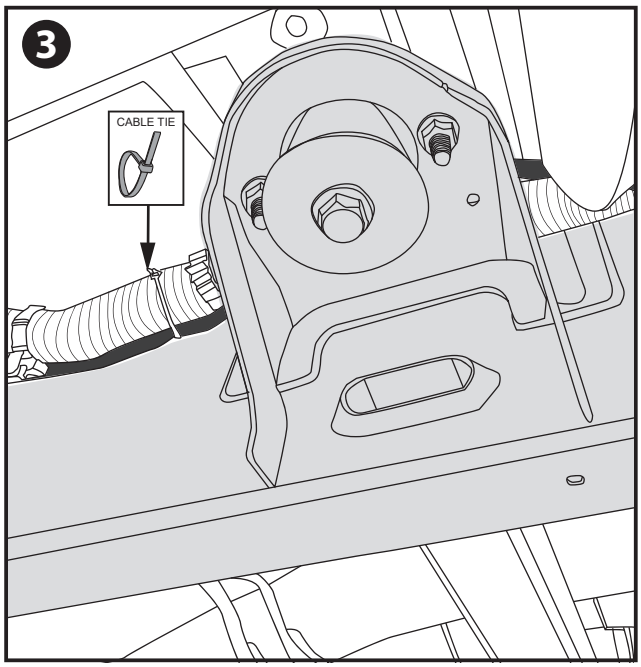
CABLE TIE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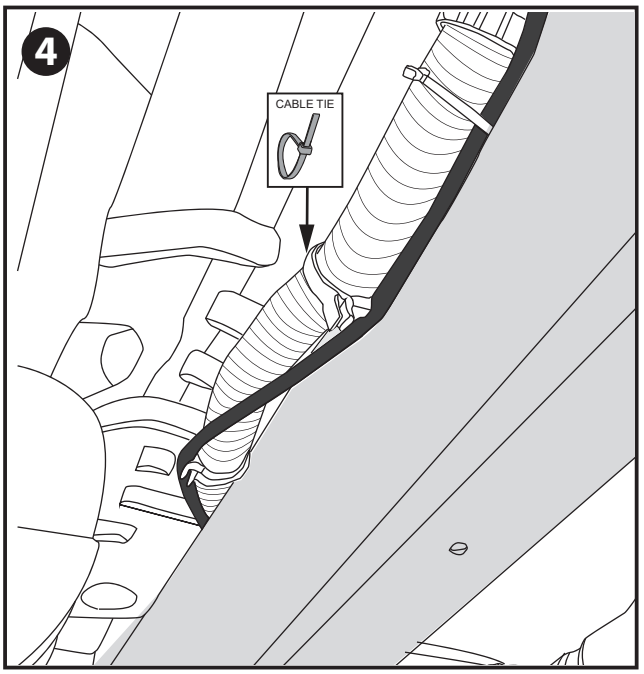
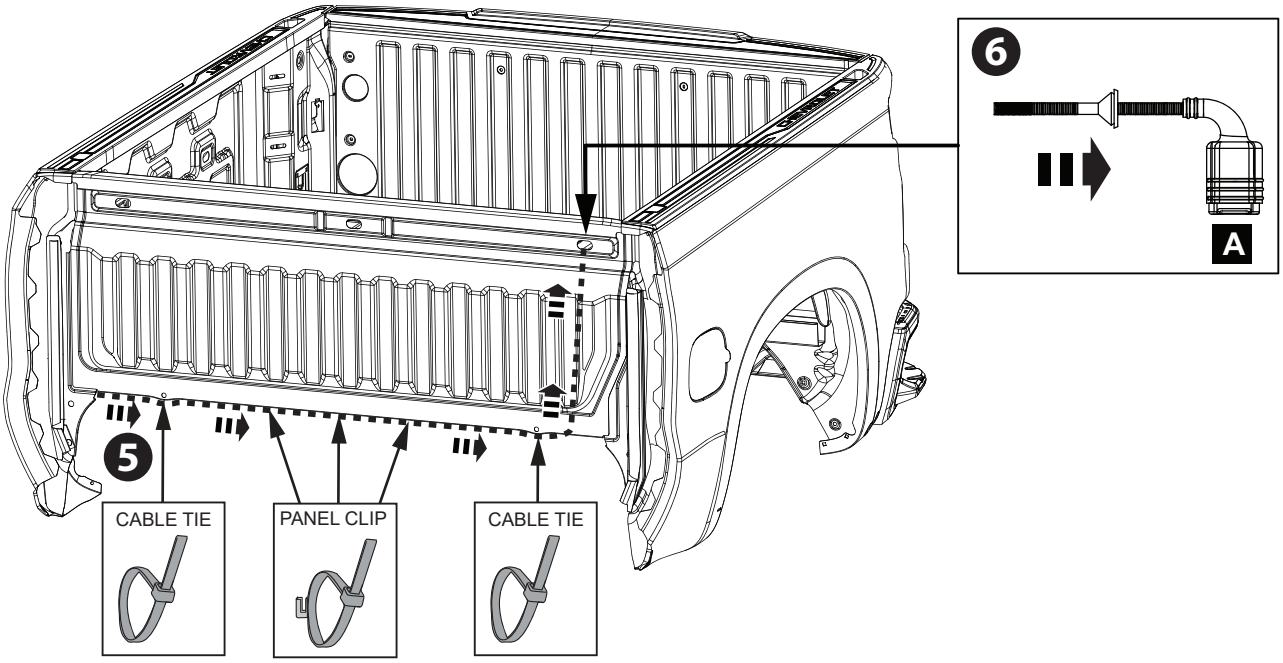
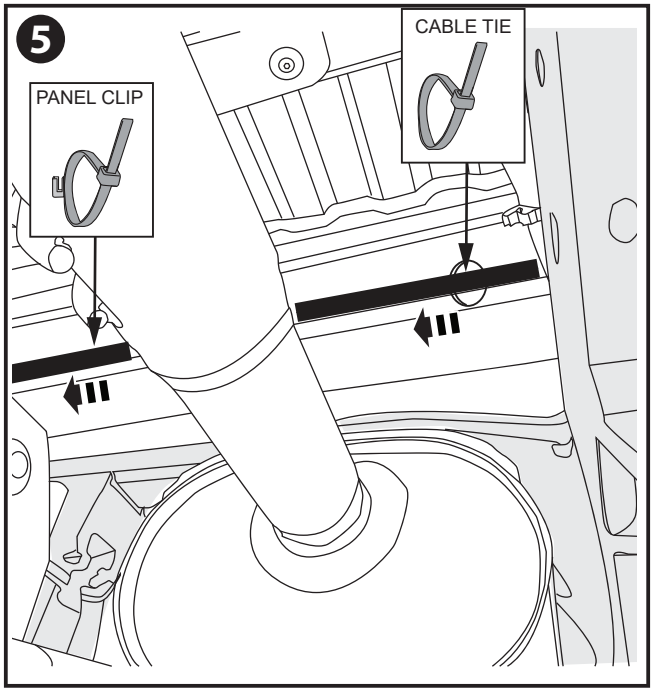
CABLE TIE


4
CABLE TIE





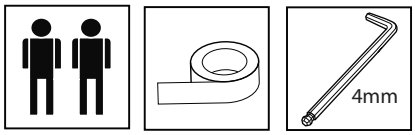
9 Run the harness on top of the chassis rail towards rear of the car and secure to the existing vehicle harness using cable ties.

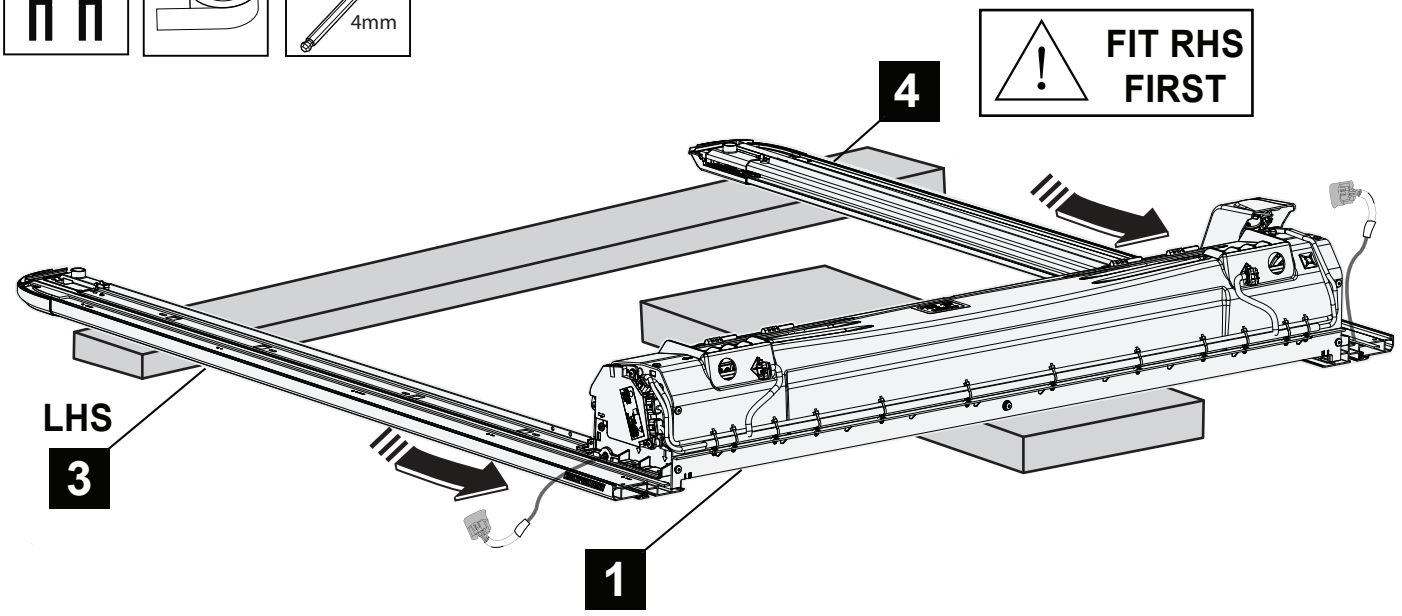
Run the harness across to the LHS following the front edge of the bed and secure with cable ties and panel clips as shown.

IMPORTANT: Ensure no slack in harness when routing above the exhaust pipe.

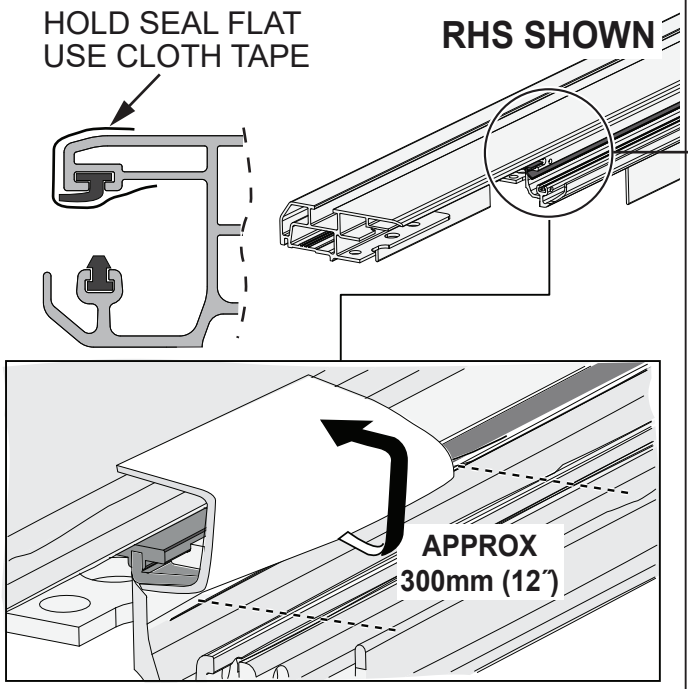
After securing the harness, pull up the connector (A) between the cabin and truck bed into the existing hole in the front LHS of the bed, until the rubber grommet on the harness is seated in the hole firmly.

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.
DO NOT LOAD ELECTRICAL CONNECTORS OR MOTOR COVER.

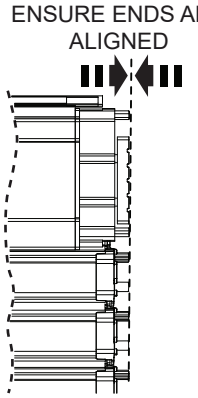




1 **ATTENTION: SEAL MUST FACE IN THE DIRECTION AS SHOWN. WARRANTY VOID IF ASSEMBLED INCORRECTLY.**

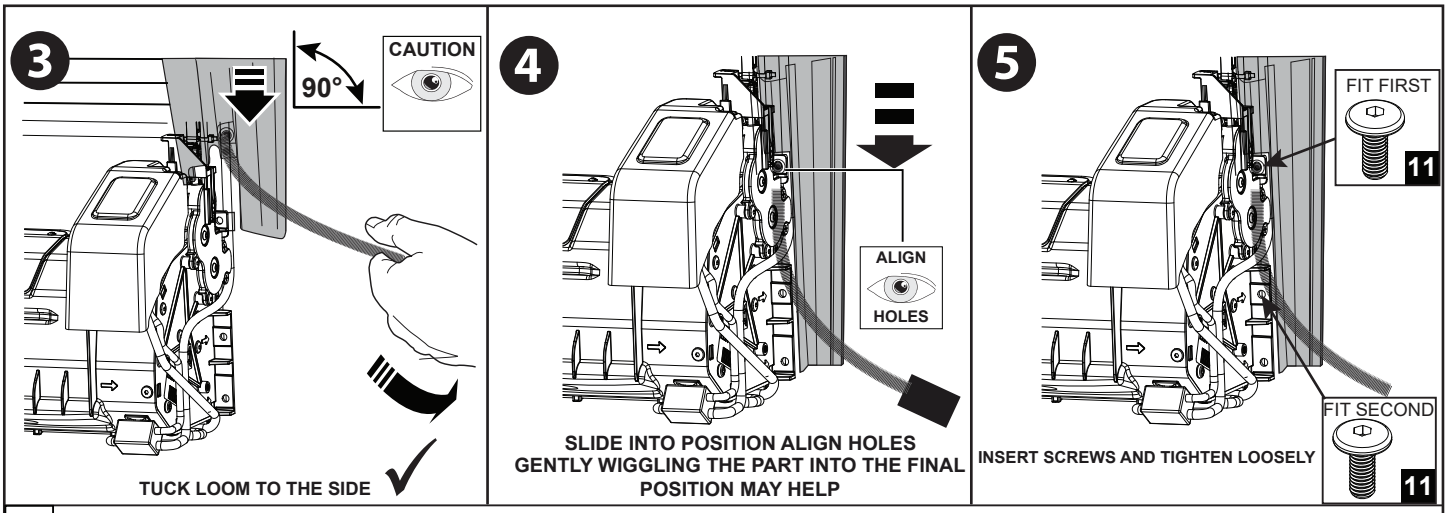


2 **ATTENTION: EXPOSE 3 SLATS PRIOR TO FITTING SIDE RAILS.**



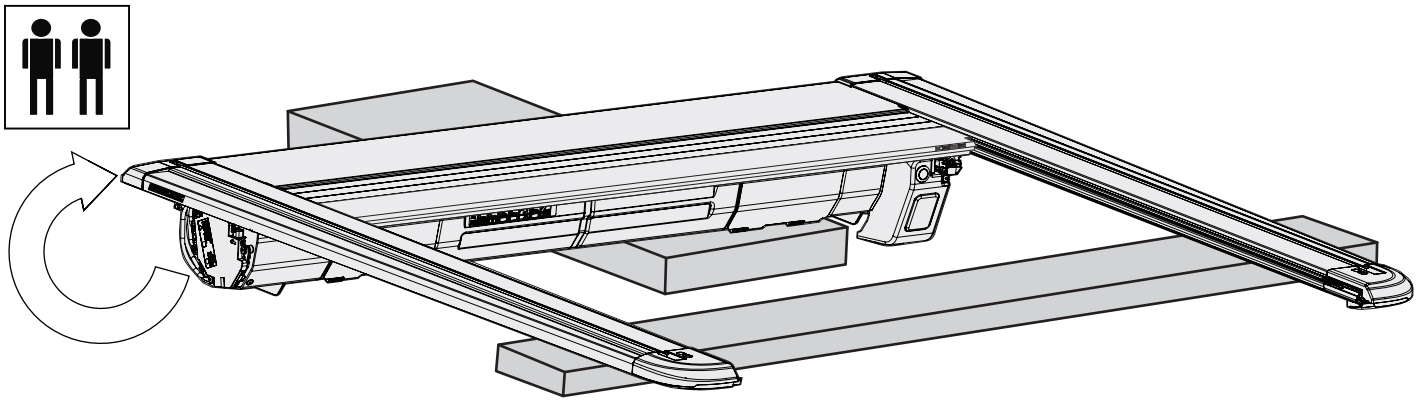
ATTENTION: WIPE THE SEAL AND SIDE RAIL WITH WAX & GREASE REMOVAL TO ENSURE THE CLOTH TAPE WILL ADHERE TO THE SIDE RAIL AND SEAL

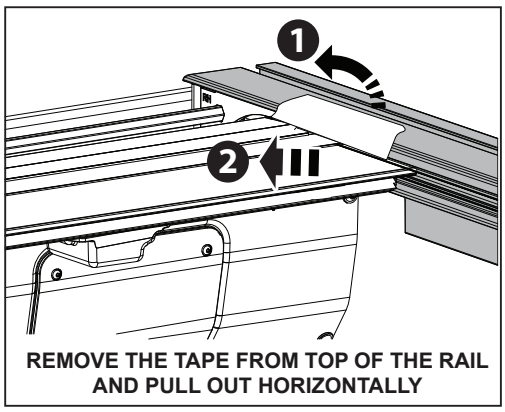
1 Place the canister (1) on two protected boxes as shown, ensure hand rail and slat ends are aligned. Tape up the seal on the Side Rail (3) as shown.
IMPORTANT: Carefully align and slide the rail over the handrail endcap and canister endplate taking particular care to ensure that the siderails are slid straight and no undue force is applied to the electrical contact. 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 (11) . Do not tighten. Repeat for LHS Rail (4)

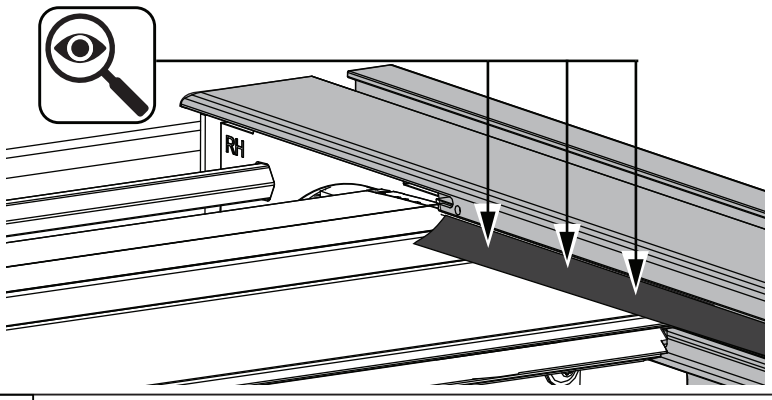
DURING ASSEMBLY PROCEDURE SUPPORT AT CENTER OF CANISTER ONLY,
PLACE ON TOP AND BASE CARTON (OR SIMILAR), COVER WITH FOAM BLANKET.
TO AVOID SCRATCHING POWDERCOATED SURFACES.

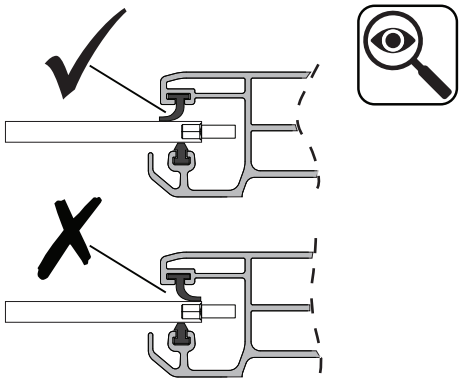




CAUTION
ALIGN CAREFULLY

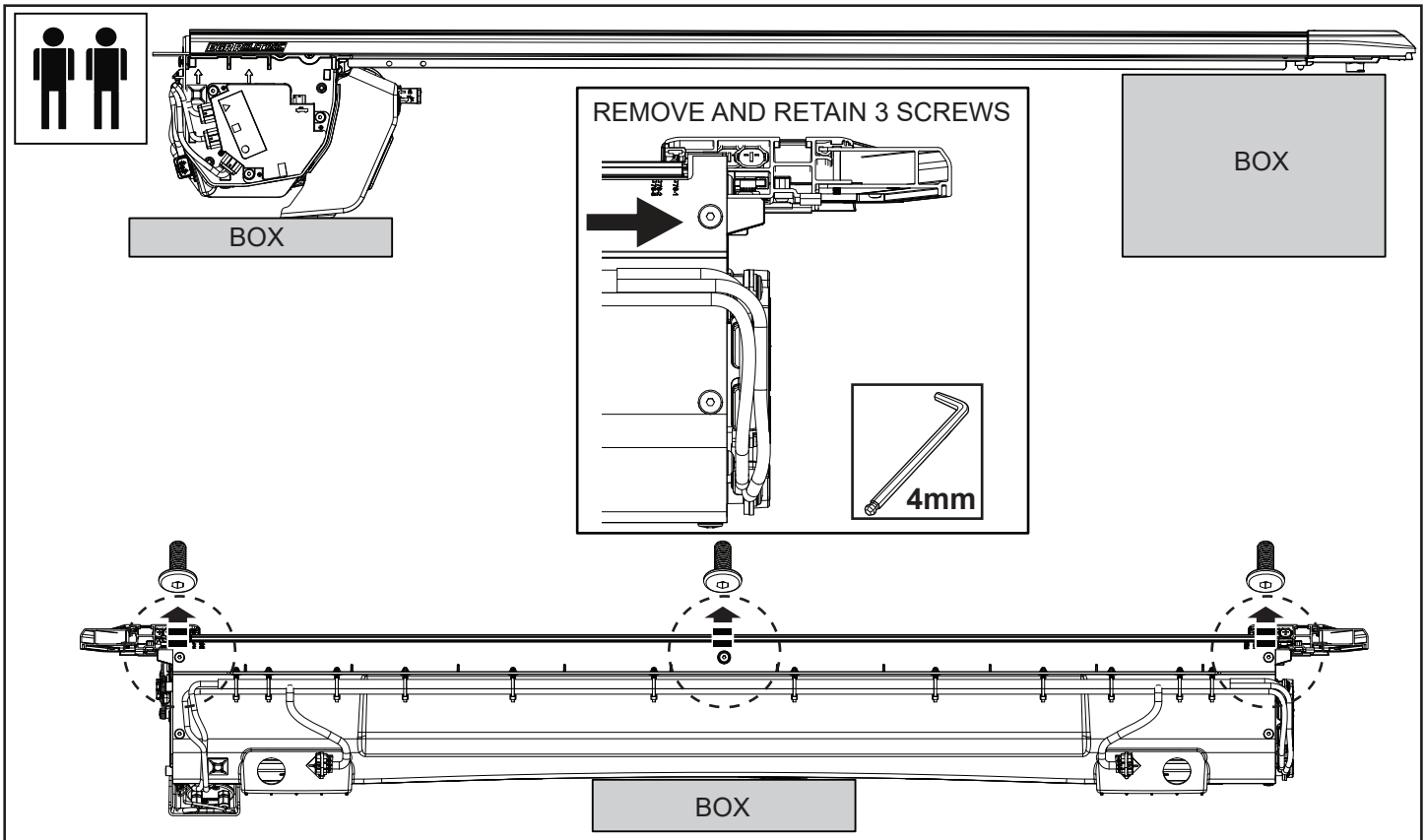
ATTENTION: SEAL MUST FACE IN THE DIRECTION AS SHOWN. WARRANTY VOID IF ASSEMBLED INCORRECTLY.



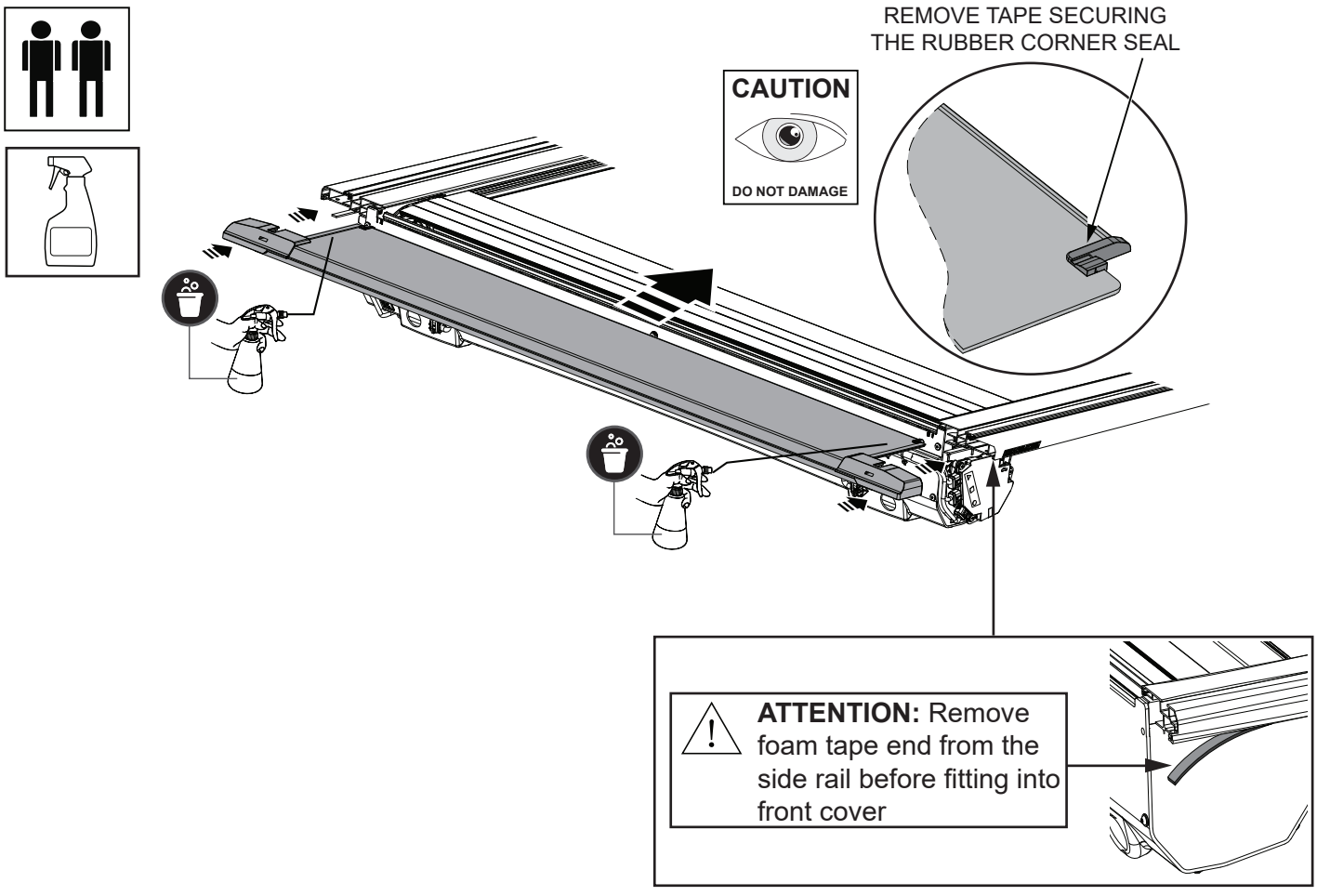


CHECK SEAL IS IN POSITION AND NOT DAMAGED

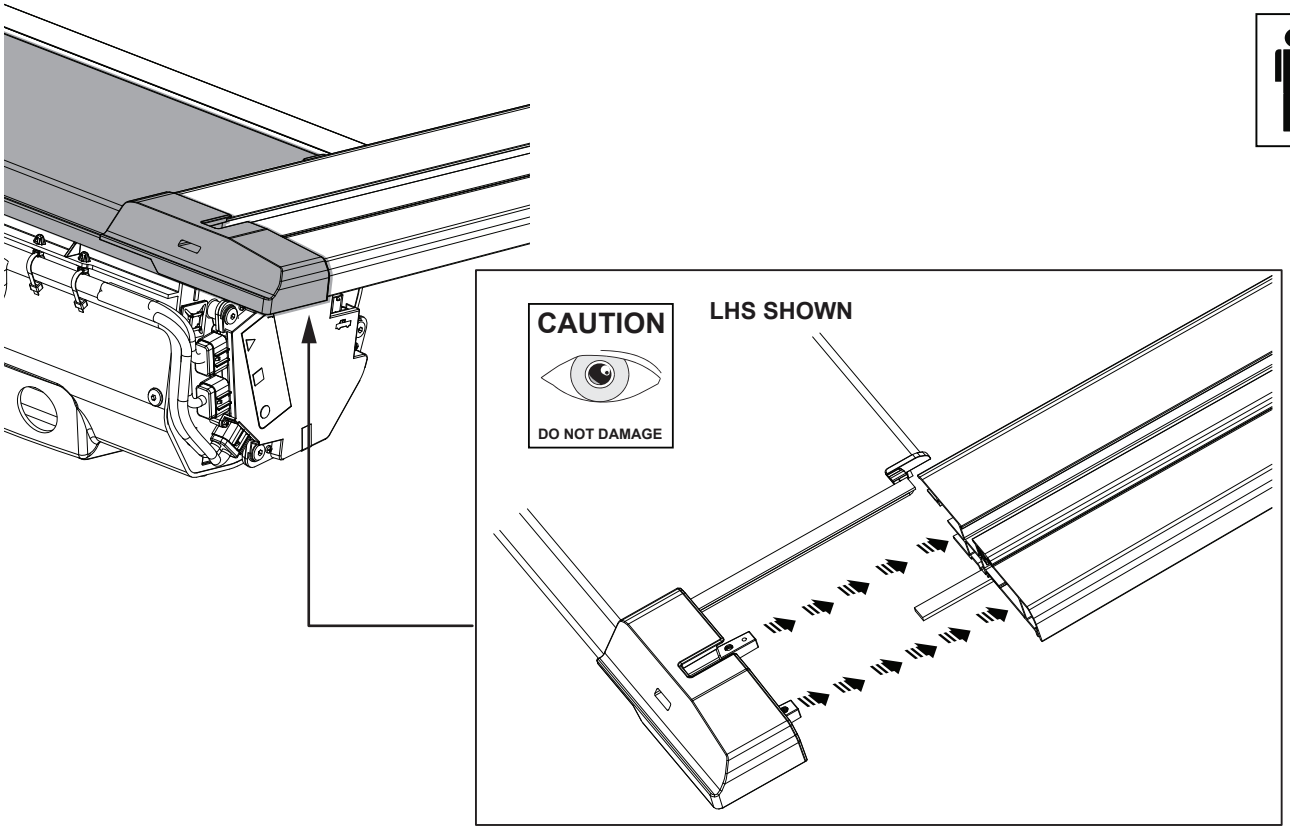
3 Carefully turn the assembly over and place onto a protected surface. Remove the tape holding the rubber seal and check the seal position as shown. Repeat for LHS Rail.



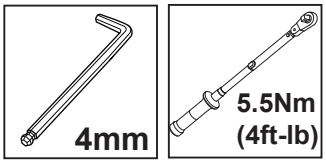
4 Remove the 3 pre-fitted screws from the rear of the cover which will be used to secure the Front Cover (2) to the assembly. Ensure the product is not scratched or damaged when laying flat.
IMPORTANT: Do not apply load to the electrical connectors and do not sit product on motor cover.

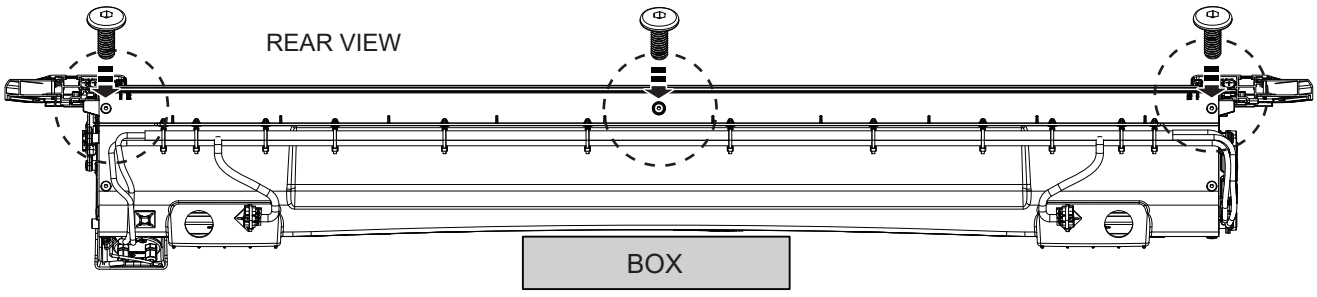


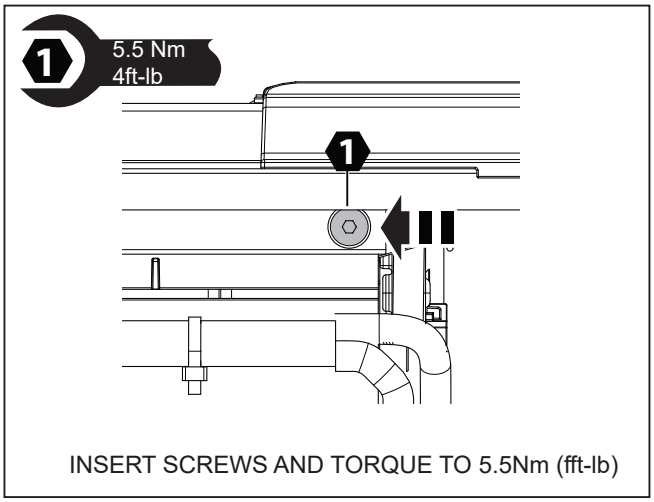
5 Slide the Front Plate (2) over the canister and into the side rail channels ensuring that the foam side rail tape is pulled out of side rail and the small rubber corner seal on the RHS and LHS of the front plate are not damaged.
IMPORTANT: Spray the front cover edge with soapy water to allow it to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



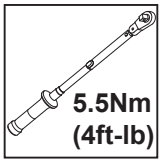
6 While sliding the front cover ensure the cast connectors are align.





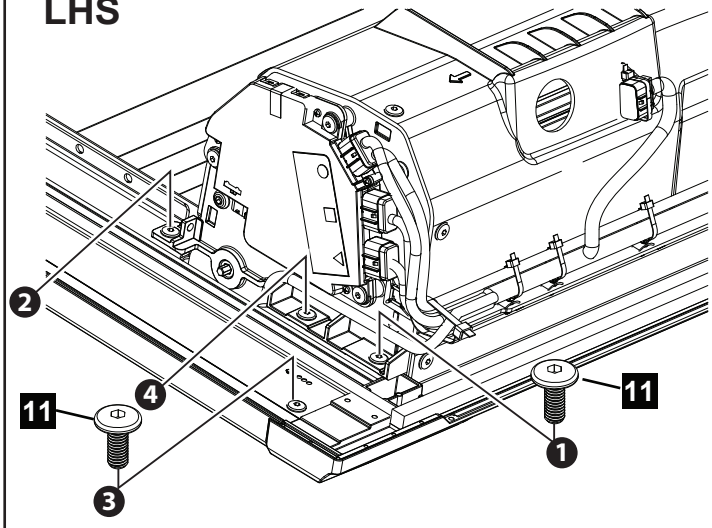


7 Using the 3 screws removed from Step 4, secure the Front Plate (2) to the Canister Assembly (1) and torque to 5.5Nm (4ft-lb).

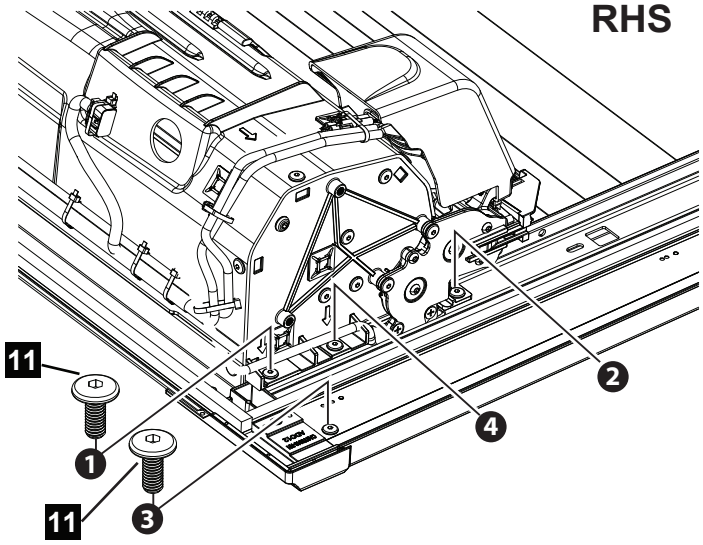


SIDE VIEW

LHS

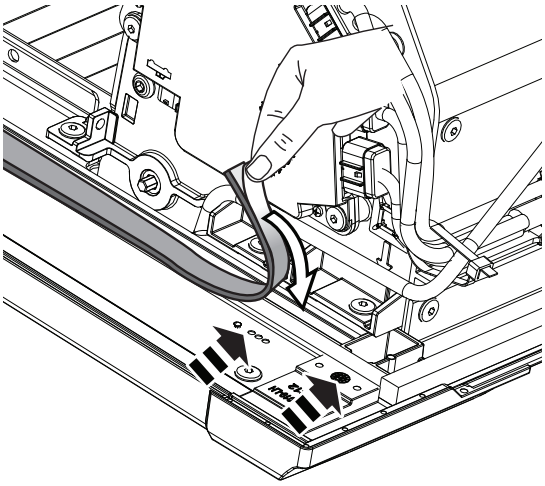


RHS

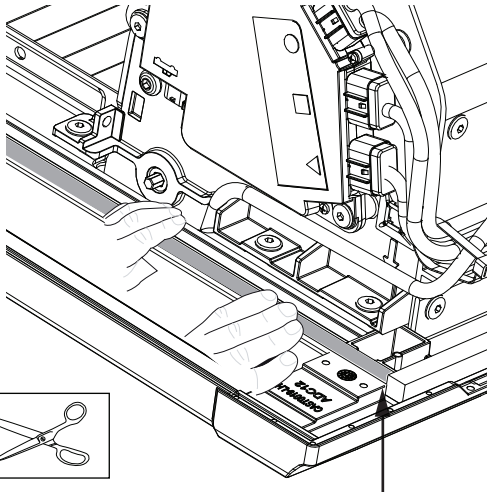


8 Carefully flip the assembly over onto a flat protected surface which will not damage the cover or scratch the paint work. Install the 2 screws (11) on each side through the canister and side rail into front cover.
Torque all screws in order shown to 5.5Nm (4ft-lb).

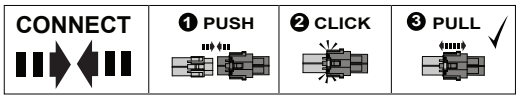
LHS SHOWN - RHS IS A MIRROR IMAGE



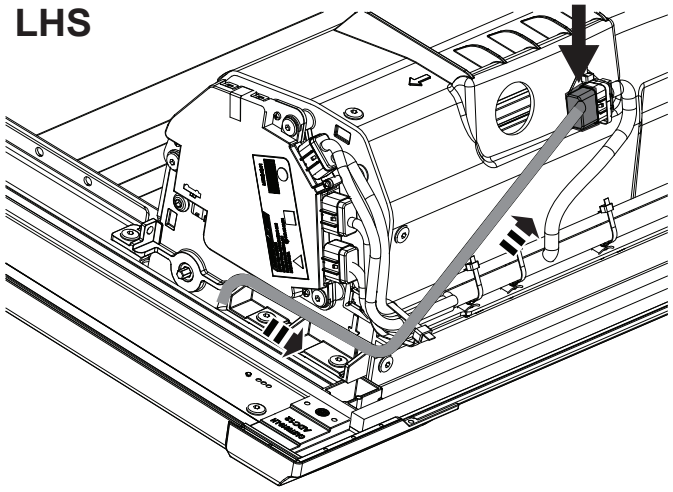
CLEAN WITH
ALCOHOL FIRST

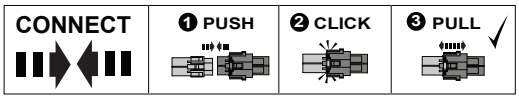


9 Clean powder coated surface first with alcohol spray. Trim foam tape length to ensure the end will butt against front cover seal - avoiding any gap. Peel the protective liner from the foam tape, adhere to the channel in the side rail, Press down firmly to secure. Repeat on RH side rail.

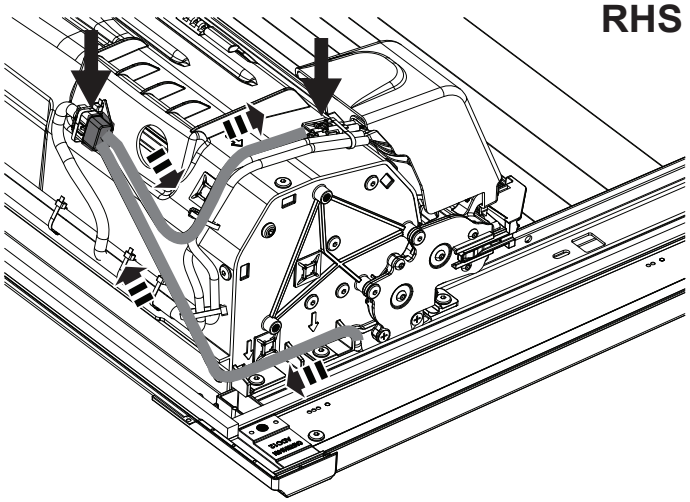


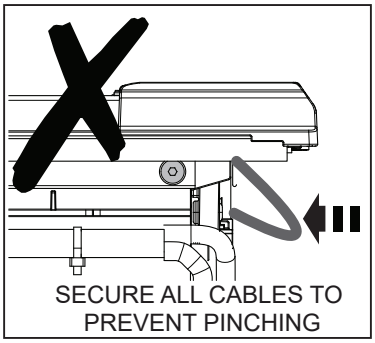
LHS



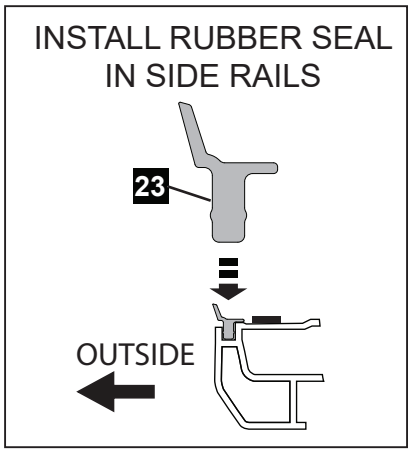


RHS

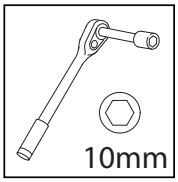


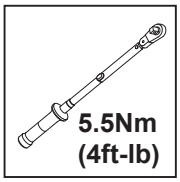


10 Connect side rail harness connectors to the connectors on the canister on the LHS and RHS. Secure the harness to the canister using cable ties as shown. Secure with zip ties and pads. Ensure all cables are retained to prevent pinching during installation.

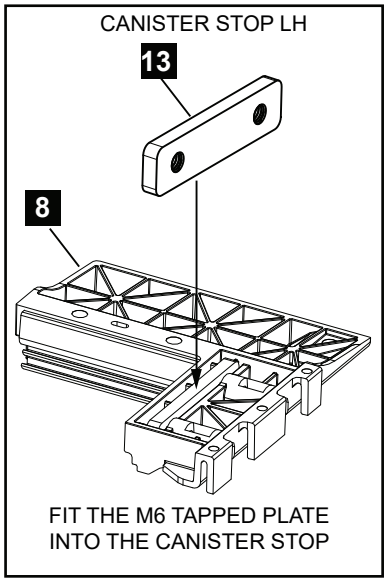


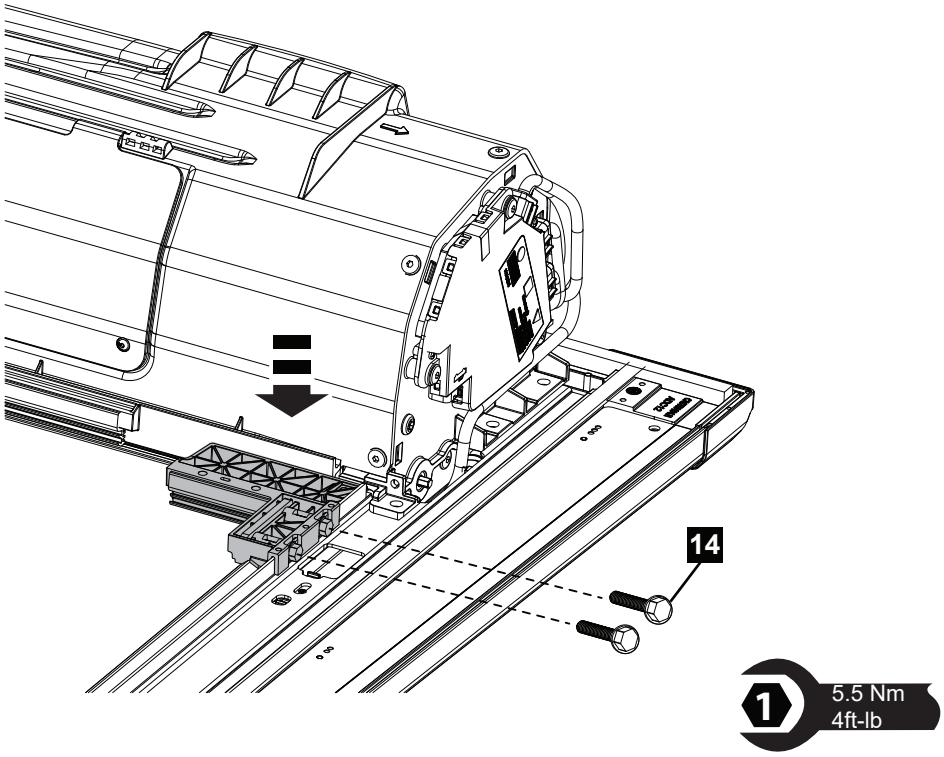
11 Install the Rubber Perimeter Seal (23) into each side rail and ensure seal is firmly seated (note the seal orientation). **Important:** do not stretch the seal while fitting.





LHS

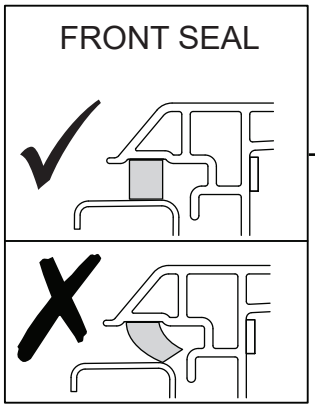


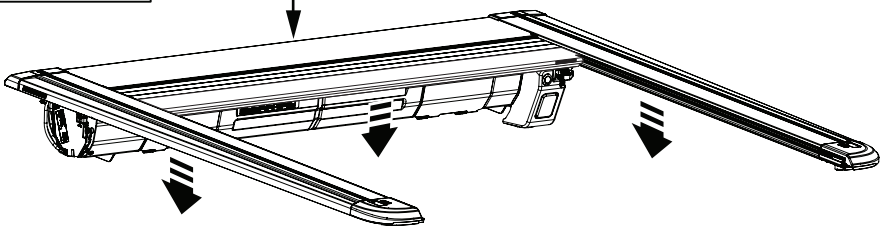


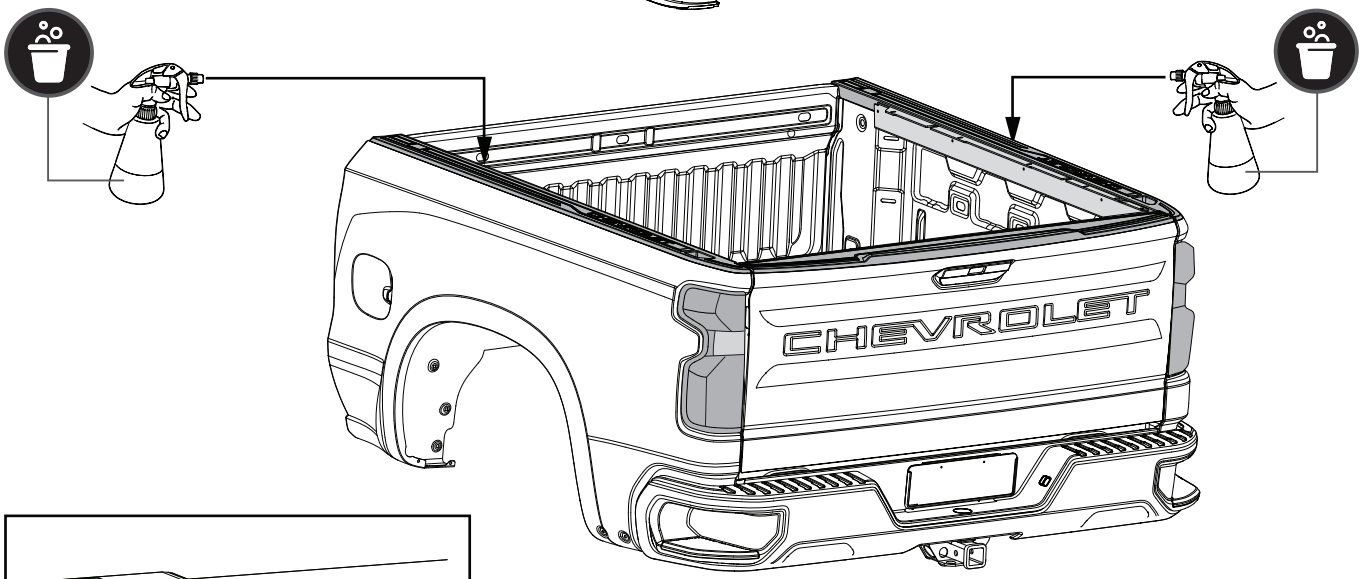
12 Fit the tapped plate (13) into the canister stop (8) as shown. Secure the LHS canister stop (8) with two M6 screws (14) and torque to 5.5Nm (4ft-lb). Repeat for the RHS.

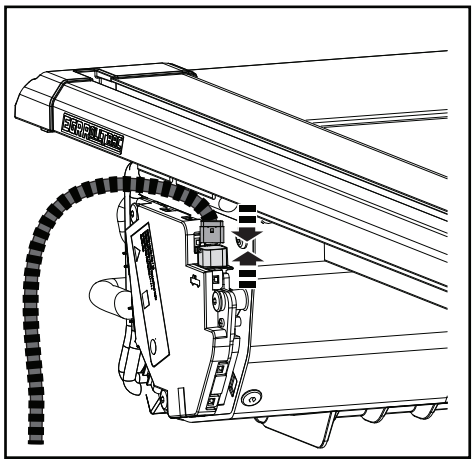
THIS SECTION LEFT INTENTIONALLY BLANK

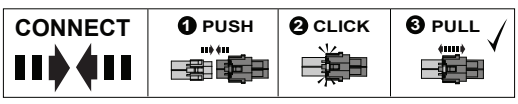
HEAVY





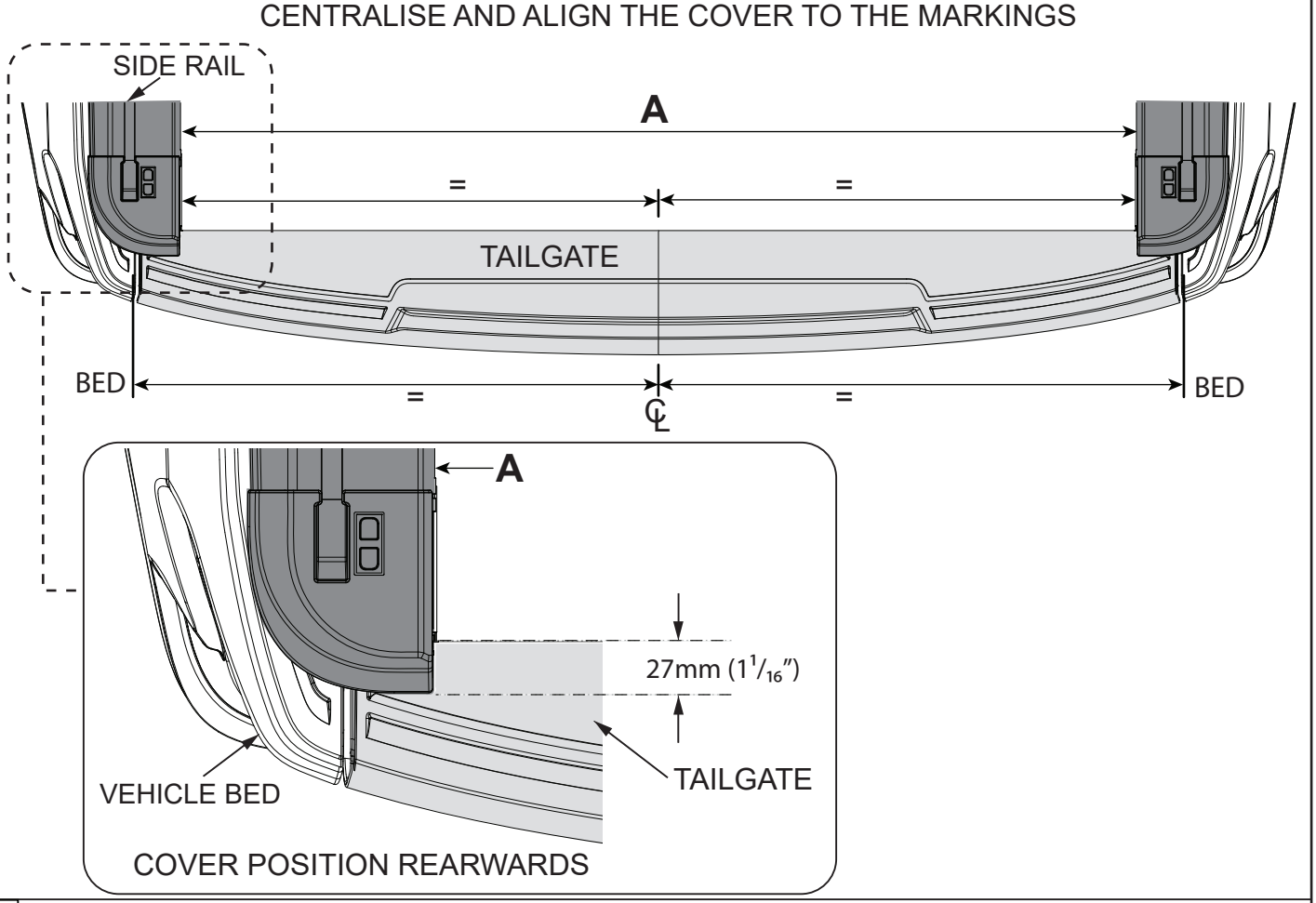




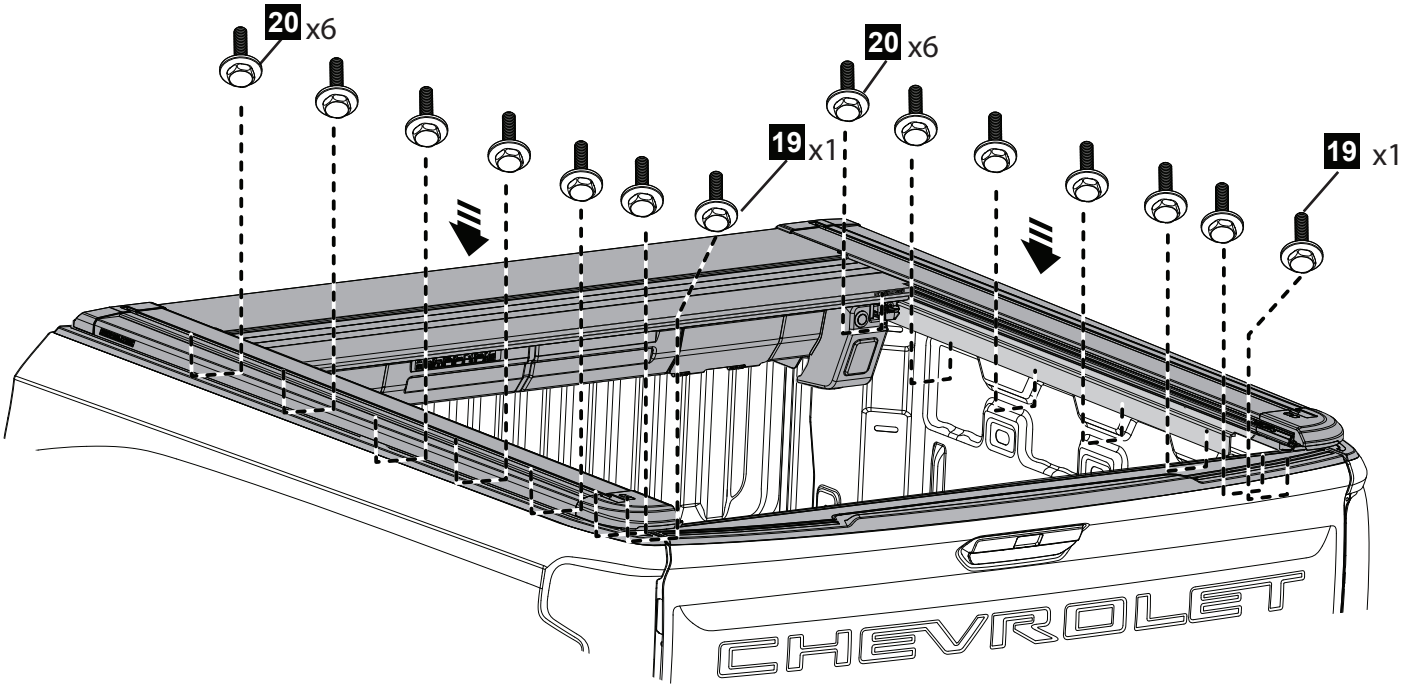


PULL THE CONNECTORS
NOT THE CABLE

1 Spray the top surface of the 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. Connect the vehicle harness to the ECU as shown. **NOTE:** You may have to lift the LHS of the cover and use packer to aid connection.
Ensure all seals are sitting vertically as illustrated.



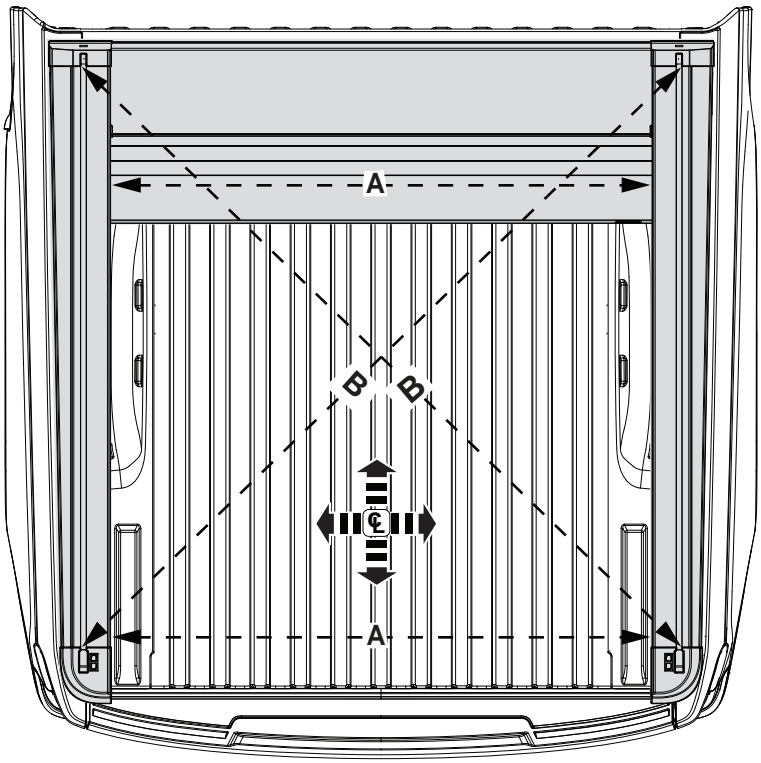
2 Adjust the front/back position of the cover so that it is 27mm rearward of the tailgate inner edge as shown.
Apply masking tape at the centre of the tailgate. Measure the distance between the rear corners of the vehicle bed and draw a centre line on the masking tape. Measure the distance from the marked 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.



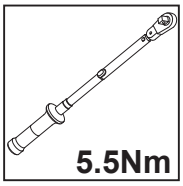
3 Assemble the Rolltrac side rail to the mount extrusion with screws on each side as shown, tighten loosely.

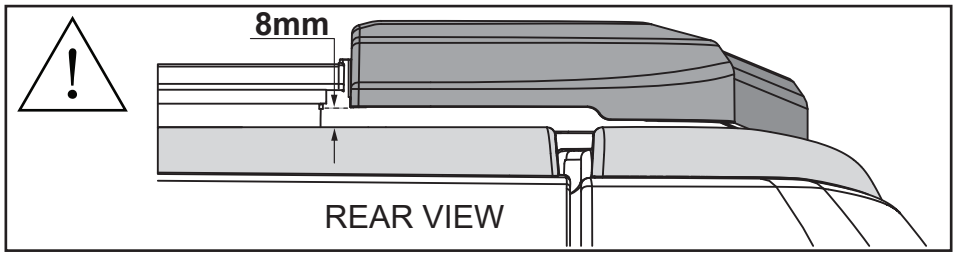
PERFORM FITMENT CHECK

A = A B = B

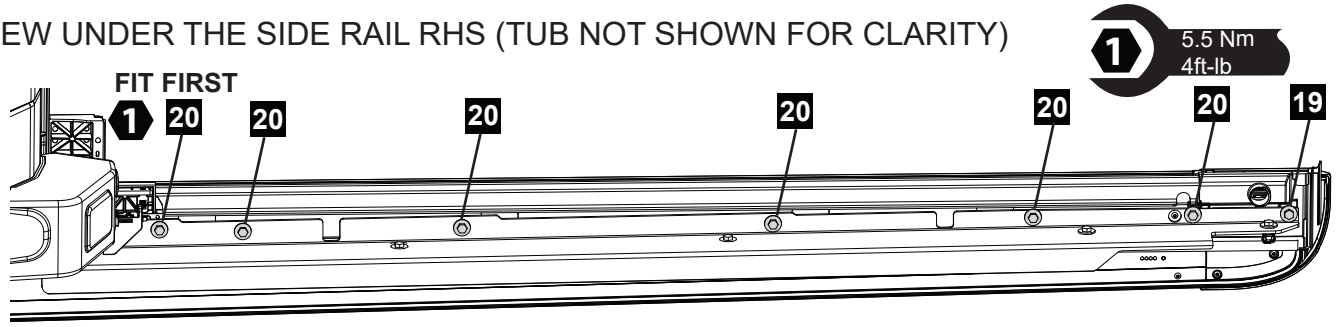


4 Perform width check (using canister end as reference) and diagonal fitment check (mounting bolts may need loosening for adjustment). Open and close the cover by hand, checking for smooth operation and consistent 1.5-2.0mm side to side free-play of slat assembly within side rails. If there are any tight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



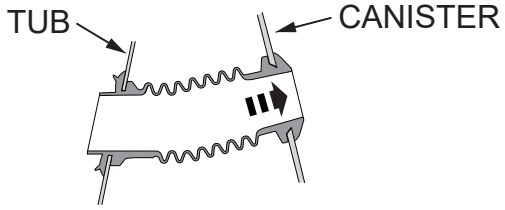


VIEW UNDER THE SIDE RAIL RHS (TUB NOT SHOWN FOR CLARITY)

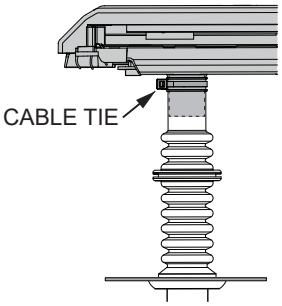


5 Working from RHS to LHS (to avoid one side lifting up) torque all screws (20)&(19) to 5.5Nm (4ft-lb). Perform final fitment check as per step 4. **IMPORTANT:** Check the clearance between rear corner casting and top of tailgate, target is 8mm. Open and close the tailgate to check function of seal (makes contact with tailgate and does not over compress) if position requires adjustment refer to steps 12-15 (section A).

CONNECT FRONT DRAIN TUBES TO CANISTER



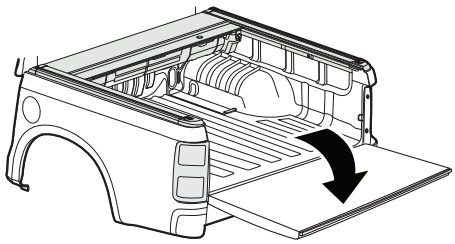
FIT REAR DRAIN TUBES TO SIDE RAILS



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

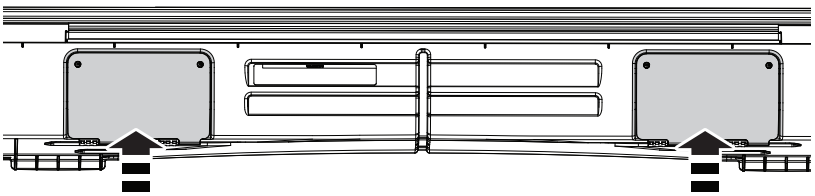
SILICONE LUBRICATION TO THE SPIRALS
(MODELS MAY VARY, IMAGES FOR REFERENCE ONLY)

1 Open tailgate and EGR RollTrac

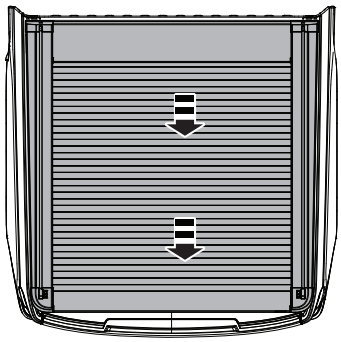


TOOLS REQUIRED:

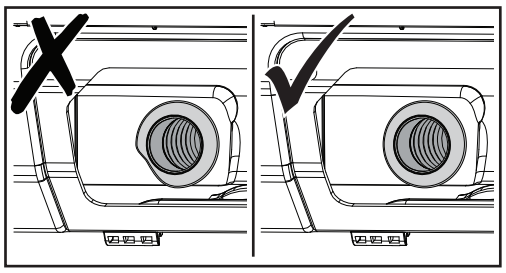
2 Using a 2.5mm Allen Key remove the 4 screws and open the inspection covers.
WARNING: Keep clear of moving parts and avoid unnecessary operation of the EGR RollTrac while inspection covers are open.



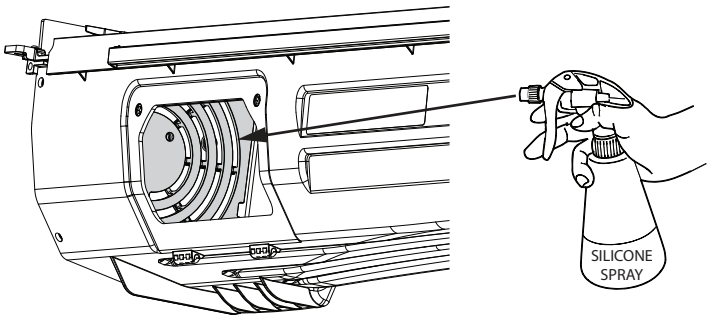
3 Close the EGR RollTrac to access canister internals



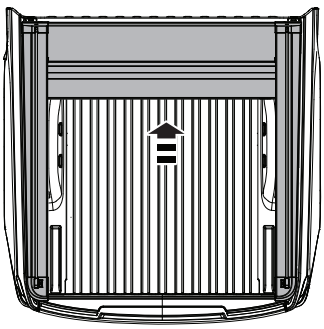
4 To avoid water leaks, look into the inspection points and check that the flanges of both front drain tubes are correctly engaged to the canister cover (without any kinking etc.), readjust if required.



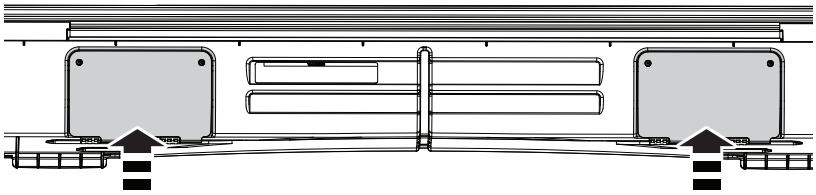
5 Using plastic compatible 100% Silicone Spray (ONLY) spray onto the spirals on both ends of the canister through the inspection points.



6 Open the EGR RollTrac

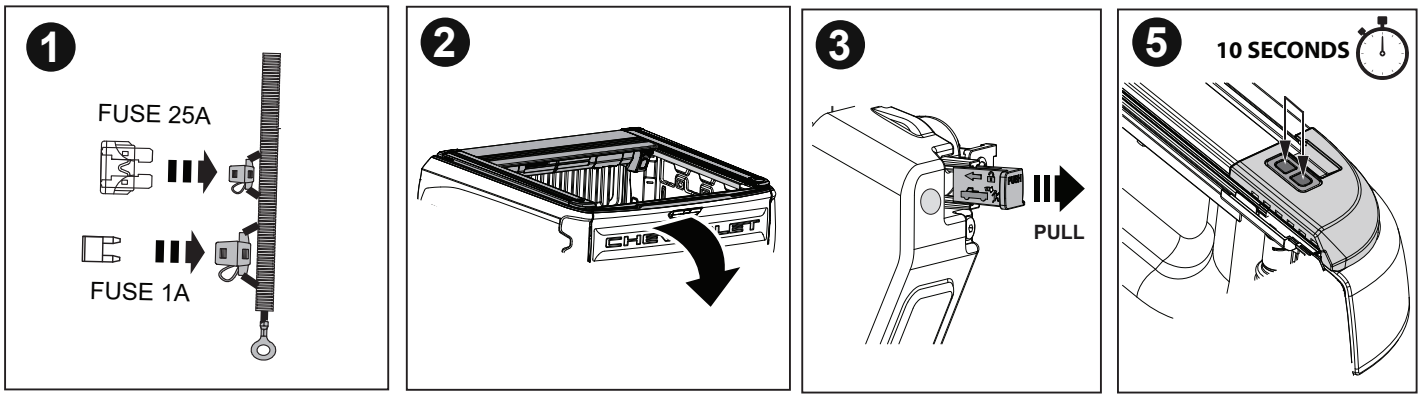


7 Close the inspection covers and secure with retained screws. Open and close the EGR RollTrac to distribute lubricant and check operation.

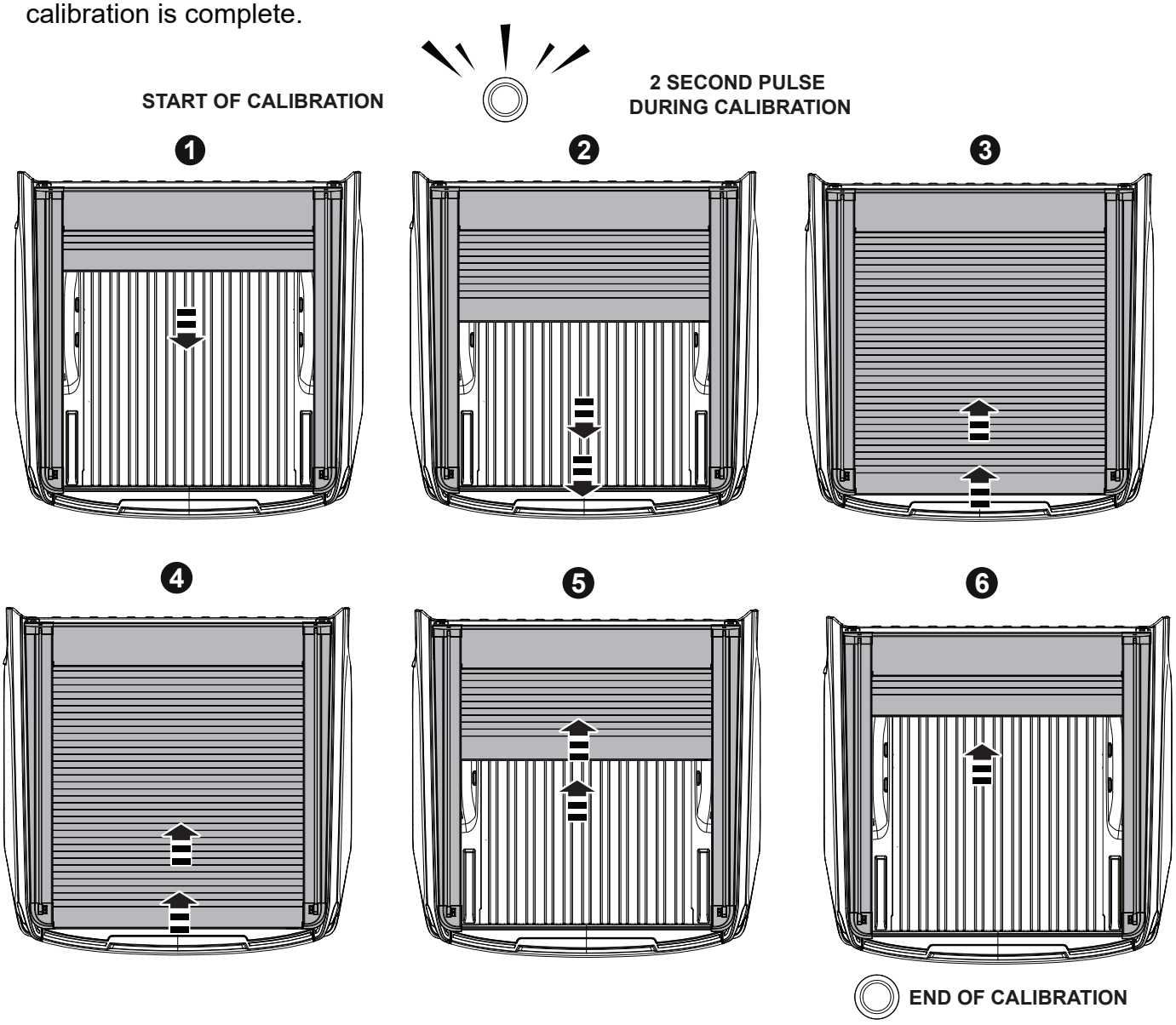


1. Insert fuse to EGR RollTrac harness.
2. Make sure the tailgate is open.
3. Engage motor, pull out lever (clutch).
4. Make sure the vehicle is unlocked and driver door open.
5. Press both buttons and hold for 10 sec. until light illuminates.

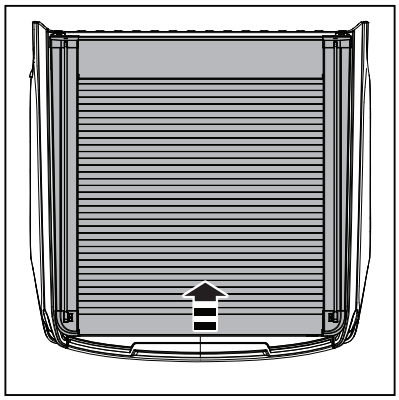
WARNING: Keep obstructions clear of cover during calibration mode.

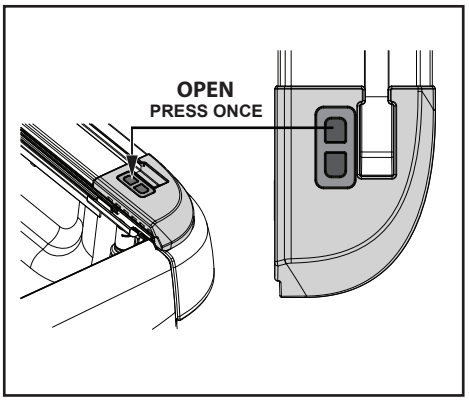


- Cover will open and close twice automatically.
- The EGR RollTrac internal LED light will pulse slowly during calibration and stop pulsing when calibration is complete.



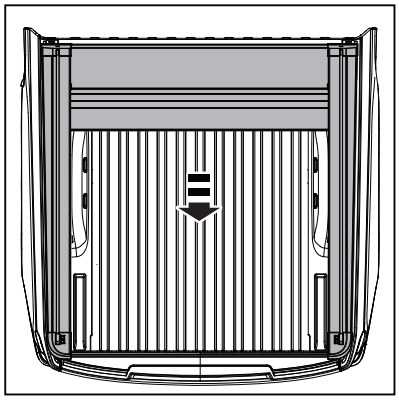
Electric Opening Procedure:

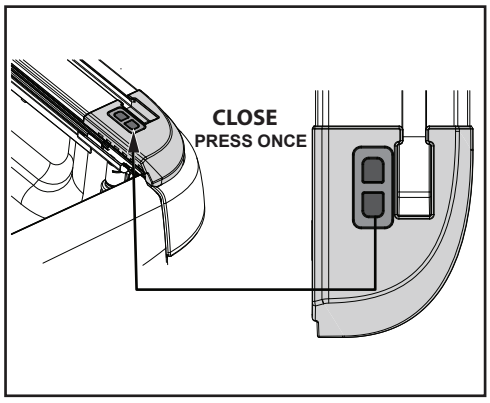




1. Press the front button on the EGR RollTrac side rail as shown.

Electric Closing Procedure:



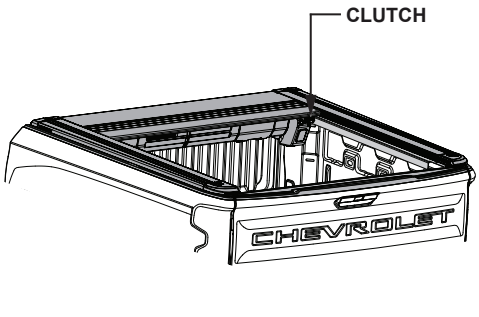


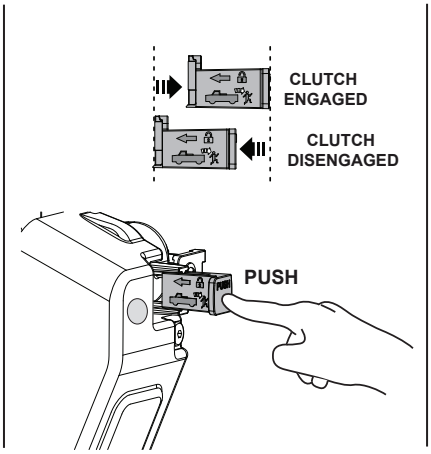
1. Press the rear button on the EGR RollTrac side rail as shown.

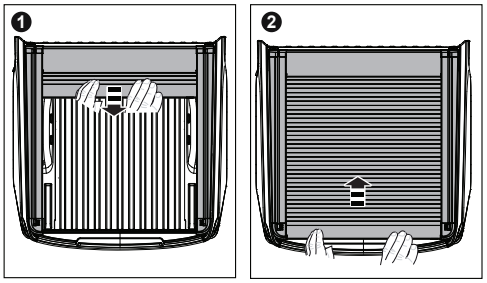
NOTE: EGR RollTrac should open and close smoothly. If cover does not lock or open correctly, please refer to the trouble shooting section in the Owners Manual. If the EGR RollTrac closing is slow, clean the siderails and ensure that no dirt or debris is inside the drive rail.

Manual Opening and Closing Procedure:

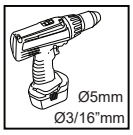
Locate the Clutch Disengagement Lever on the RH side of the cover and push the Clutch inward to disengage the motor. Pull the cover rearward or forward as required. Before driving vehicle ensure you re-engage the clutch.
IMPORTANT: If clutch was disengaged, calibration procedure needs to be re-run prior to electric operation.



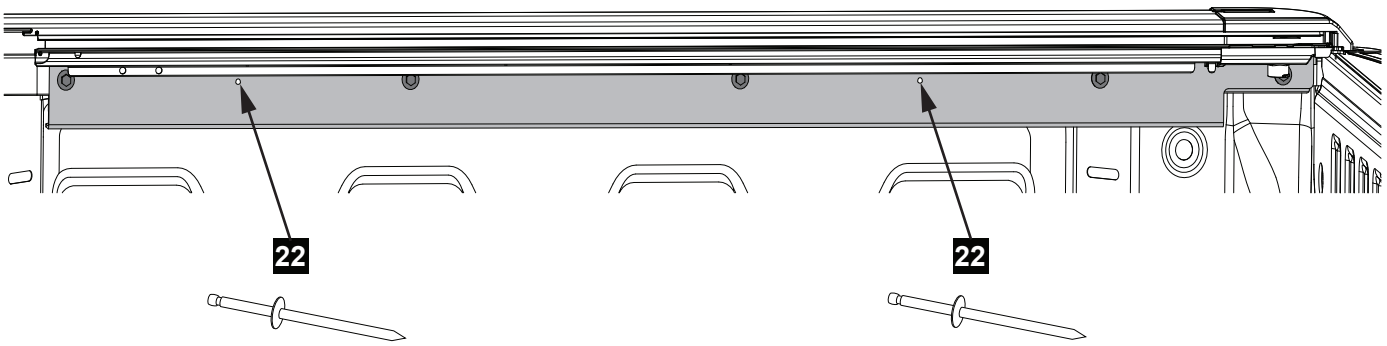




RIVETING SIDE BRACKETS



ROLLTRAC NOT SHOWN FOR CLARITY (RHS)



1 After running all fitment checks, confirming all functions and running calibration, drill the 2 hole locations using 5mm (3/16”) drill bit. Secure the brackets with rivets as shown. Repeat for LHS.
NOTE: Apply rust inhibitor to drilled holes.