

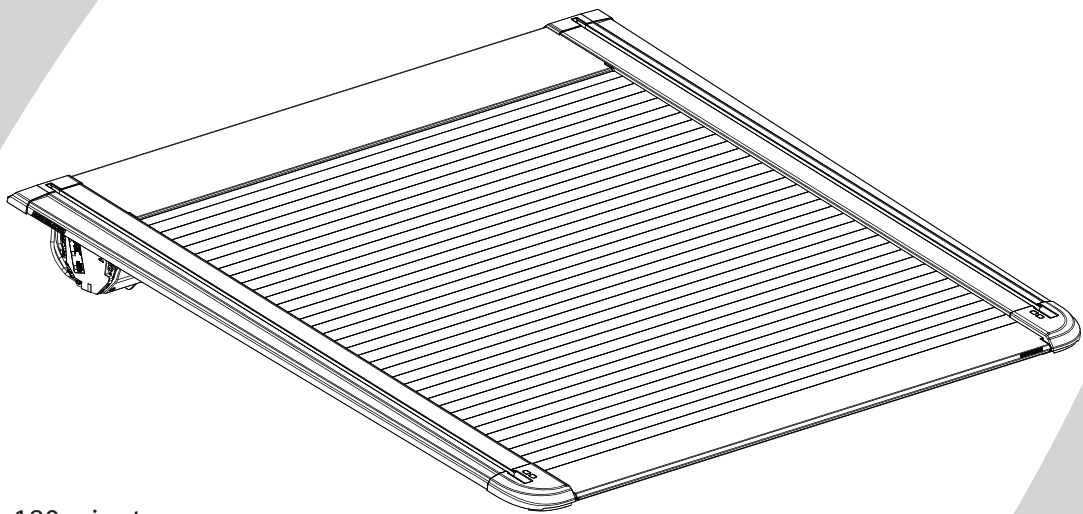
INSTALLATION INSTRUCTIONS

EGR *ROLLTRAC*

ELECTRIC

Vehicle model: RAM DT&DS/1500 6.5ft Bed LHD (New Body Style)
(Excludes models with RAMBOX® or other options / accessories
that would affect 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

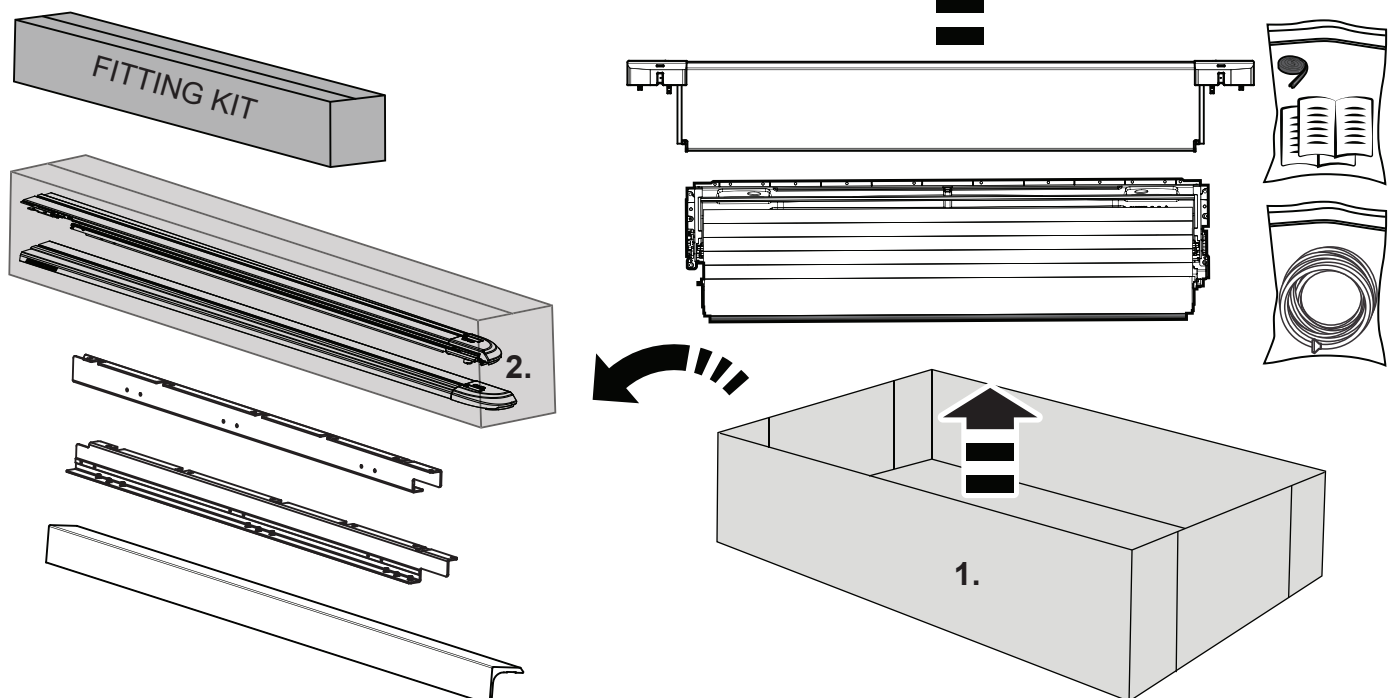
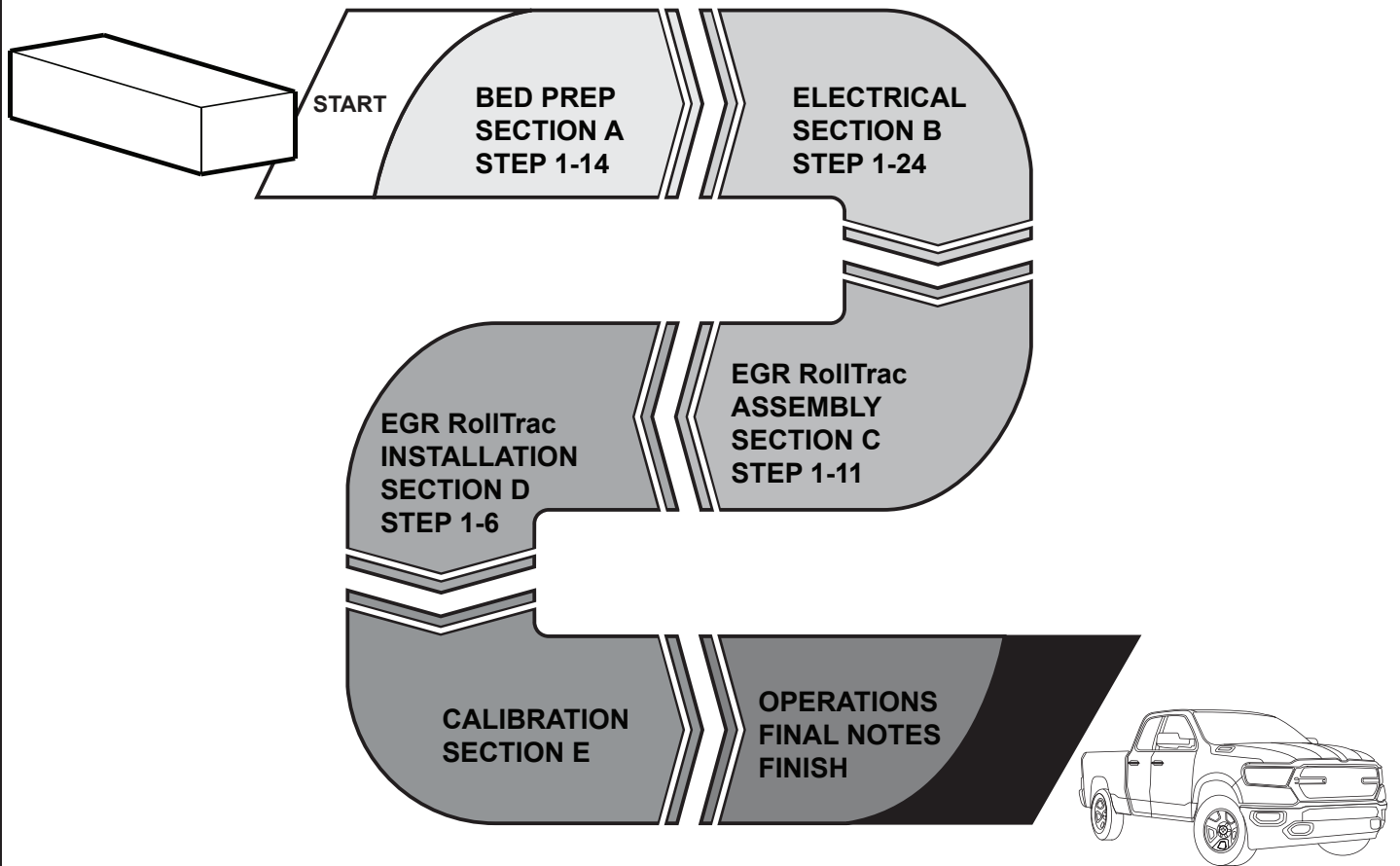
- Read through the fitting instructions before installation of EGR RollTrac.
- Always install the accessory following the fitting instructions. Failure to do so may cause damage to the vehicle or the accessory.
- Ensure all recyclable discarded vehicle accessory components and packaging are recycled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



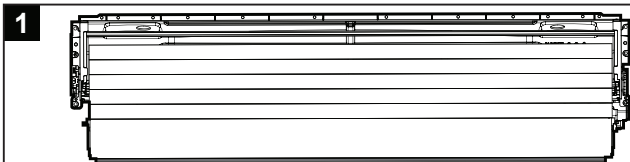
Safety Notes

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

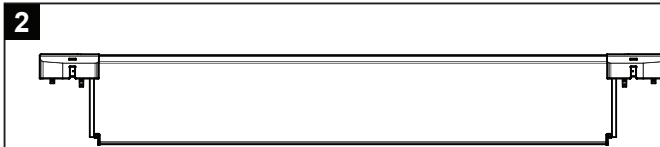




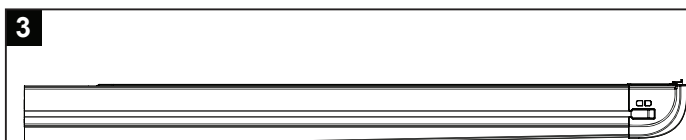
KIT CONTENTS - COMPONENT NUMBER AND QUANTITY



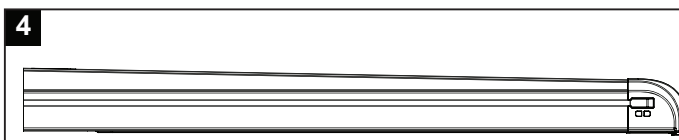
CANISTER ASM. QTY: 1



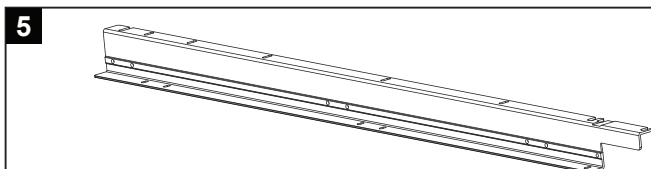
FRONT COVER QTY: 1



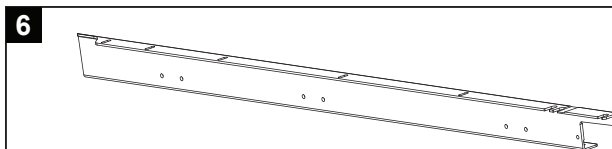
LHS RAIL QTY: 1



LHS RAIL QTY: 1

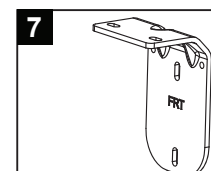


LHS MOUNT EXTRUSION QTY: 1

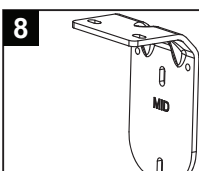


RHS MOUNT EXTRUSION QTY: 1

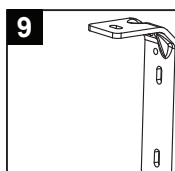
EGR RollTrac M-Bar Assy Hardware Kit



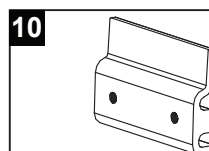
CLIP3990PC-1
SIDE BRACKET-FRONT
QTY: 2



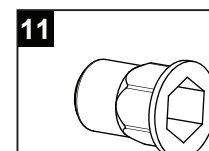
CLIP3990PC-2
SIDE BRACKET - MID
QTY: 2



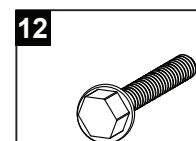
CLIP4026PC
REAR BRACKET
QTY: 2



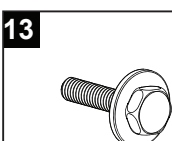
MISC5622
CLAMP PLATE
QTY: 6



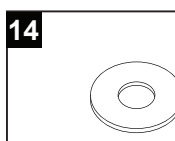
M6 NUTSERT HEX
NUTS0309
QTY: 12



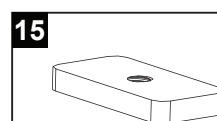
SCRW1012
SCREW M6X30MM
QTY: 16



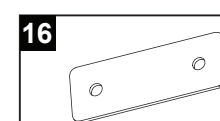
SCRW0997
SCREW M6x20
QTY: 22



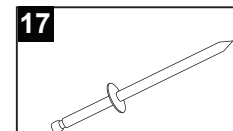
M6 WASHER
WASH70005
QTY: 32



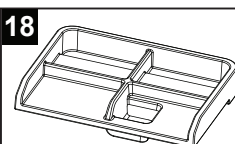
MISC5512
M6 TAPPED PLATE
QTY: 10



CLIP4053PC
SPACER
(for Tie Down Rail only)
QTY: 2

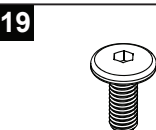


RIVET
FAST0609
QTY: 10

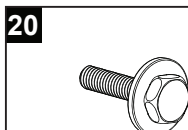


SETUP JIG
MISC5642
QTY: 2

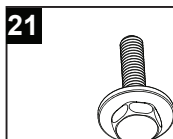
EGR RollTrac FITTING KIT IN BOX



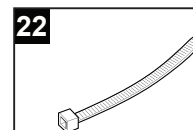
SCRW0973
SCREW M6X15MM
QTY: 13



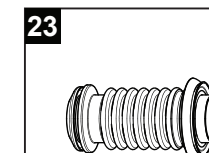
SCRW0997
SCREW M6x20
QTY: 2



SCRW1001
SCREW M6x15
QTY: 12



CONS70097
CABLE TIE
QTY: 10

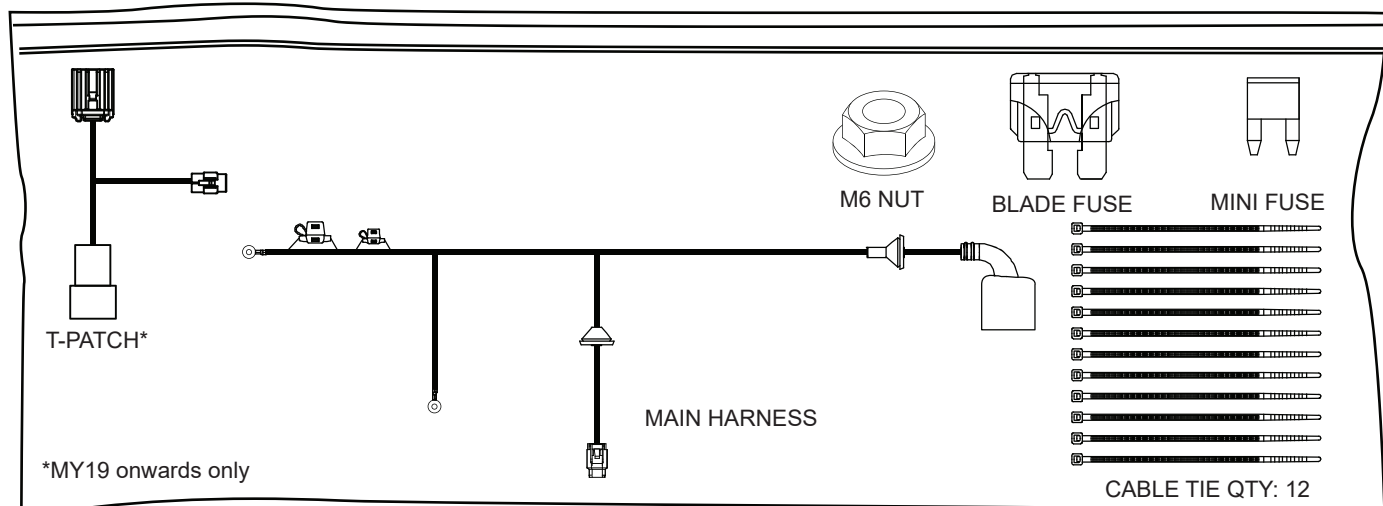


FRONT DRAINAGE TUBE
MISC5222
QTY: 2

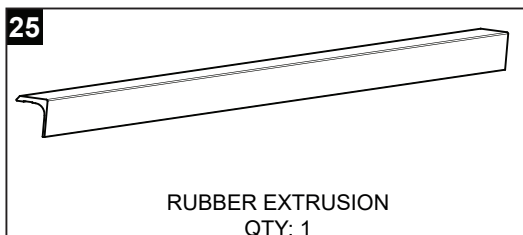


REAR DRAINAGE TUBE KIT
KIT037458
QTY: 2

EGR RollTrac FITTING KIT COMPONENTS IN BAGS



25

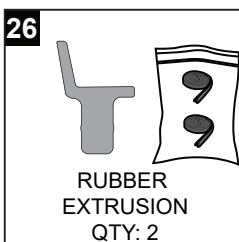


GLOSSARY:

- 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

EGR RollTrac FITTING KIT ADDITIONAL ITEMS

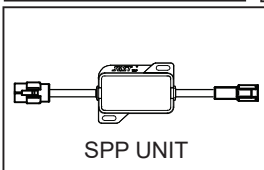
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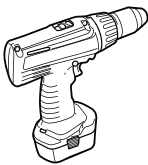
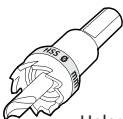



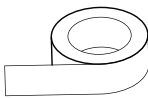

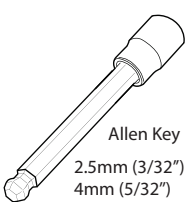
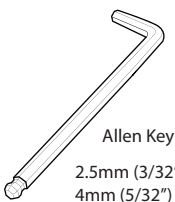
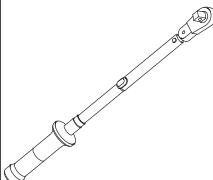
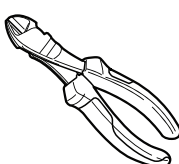



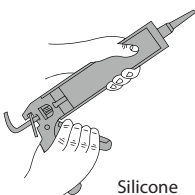




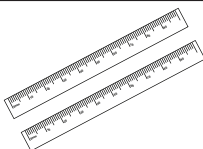
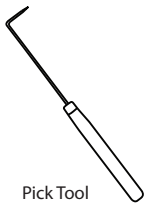
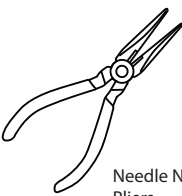
INSTALLATION INSTRUCTIONS

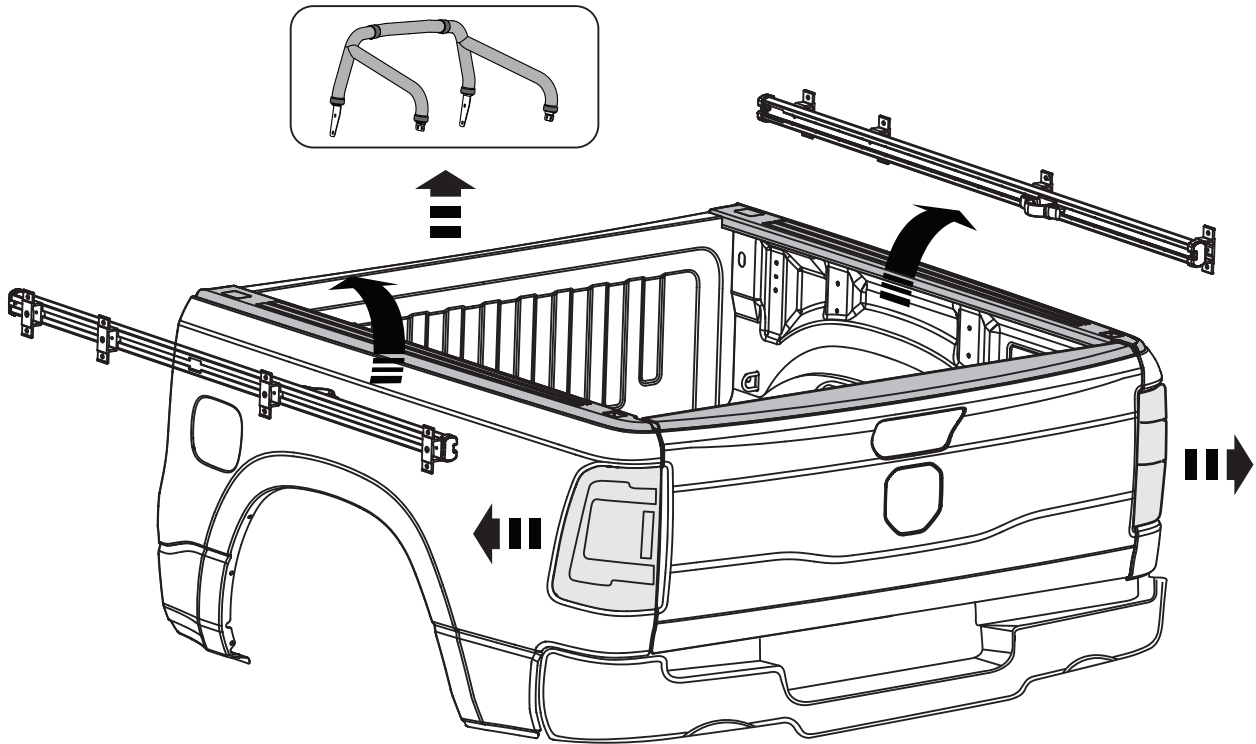


OWNERS MANUAL

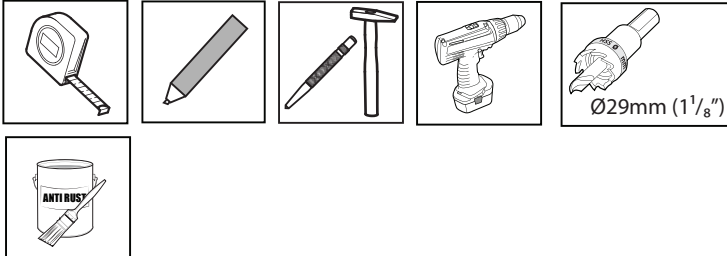


TOOLS REQUIRED - NOT SUPPLIED IN KIT

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



- 1** Carefully remove any accessories (Sports Bars, Utility Rails, etc.) attached to the bed of the vehicle. Thoroughly wash the vehicle 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. Retain all hardware for re-installation. **IMPORTANT:** Remove and retain Tie Down Rails (if fitted), discard screws.

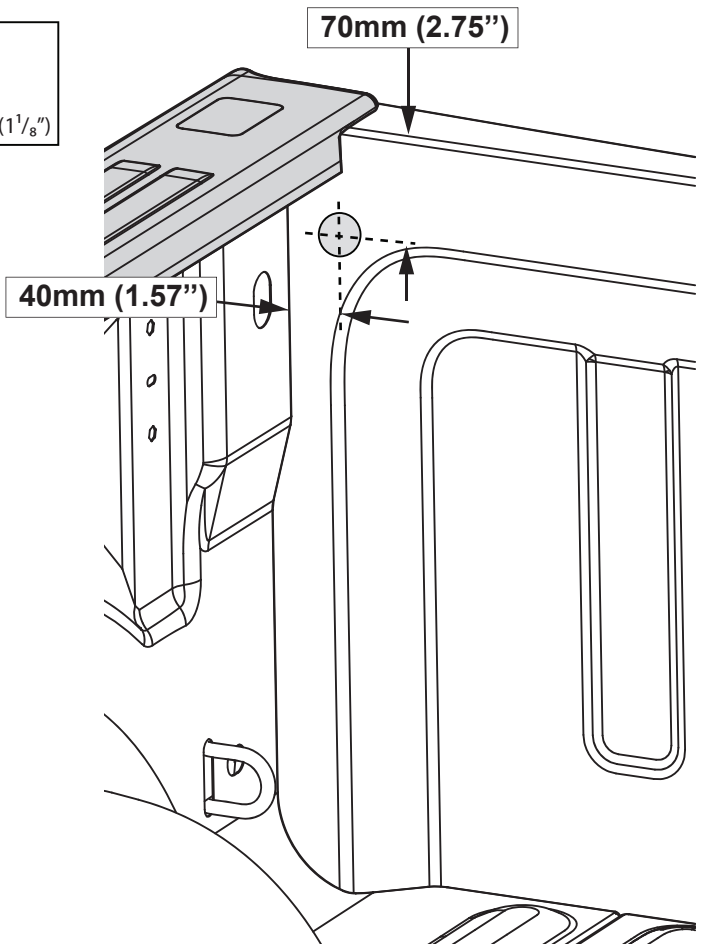


HOLE FOR VEHICLE HARNESS LHS ONLY !

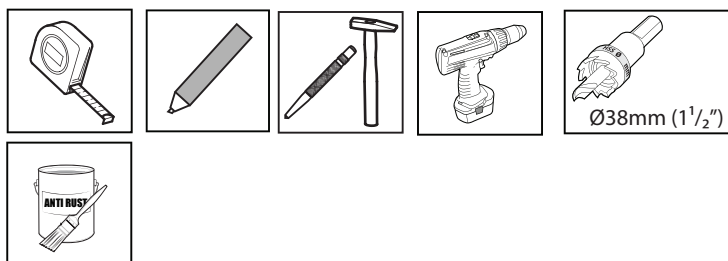
ATTENTION



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



- 2** On the front LHS of the bed, mark the position for the vehicle harness grommet and drill with Ø29mm (1 1/8") holesaw. Clean all burrs and coat the exposed metal with a suitable rust preventative (not supplied).



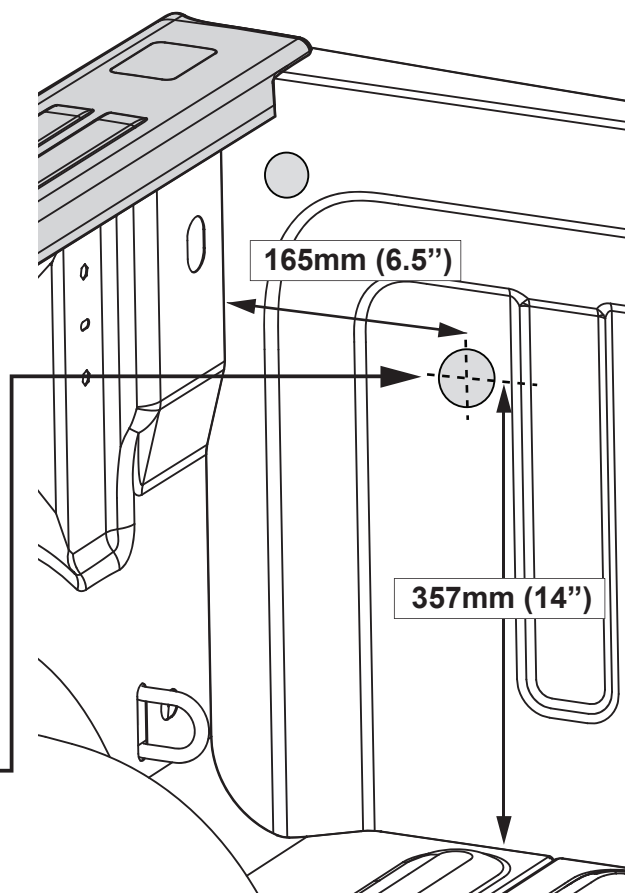
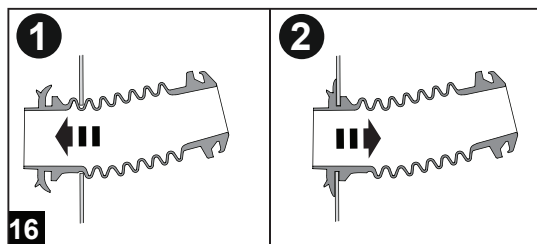
HOLES FOR FRONT DRAIN TUBES RHS & LHS

ATTENTION

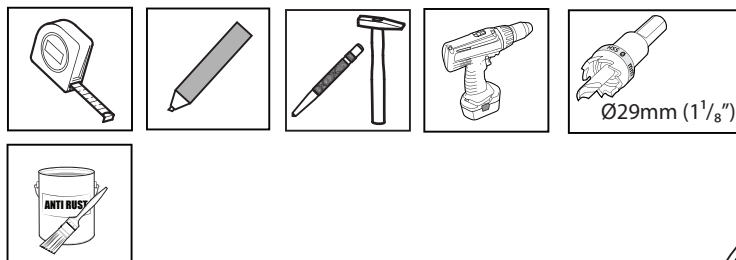


Ensure that the diameter of the hole does not exceed $\text{Ø}38\text{mm}$ ($1\frac{1}{2}''$). Larger hole size will lead to water ingress into the bed

INSTALL FRONT DRAIN TUBES TO BED



- 3** Mark the position of the front drain tube holes in the bed front panel and drill with $\text{Ø}38\text{mm}$ ($1\frac{1}{2}''$) holesaw. LHS shown, repeat on the RHS. Clean all burrs and coat the exposed metal with a suitable rust preventative (not supplied). Fit front drain tubes (16).

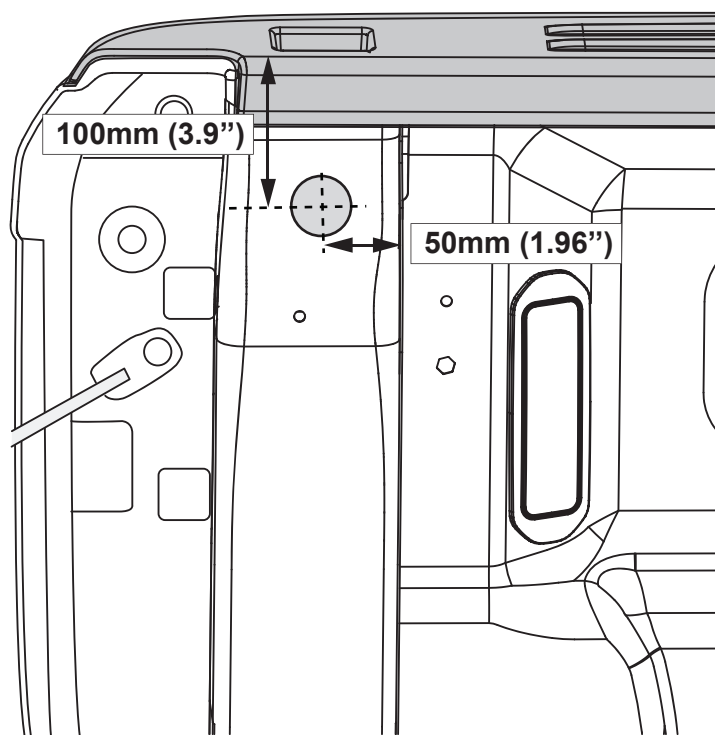


HOLES FOR REAR DRAIN TUBES RHS & LHS

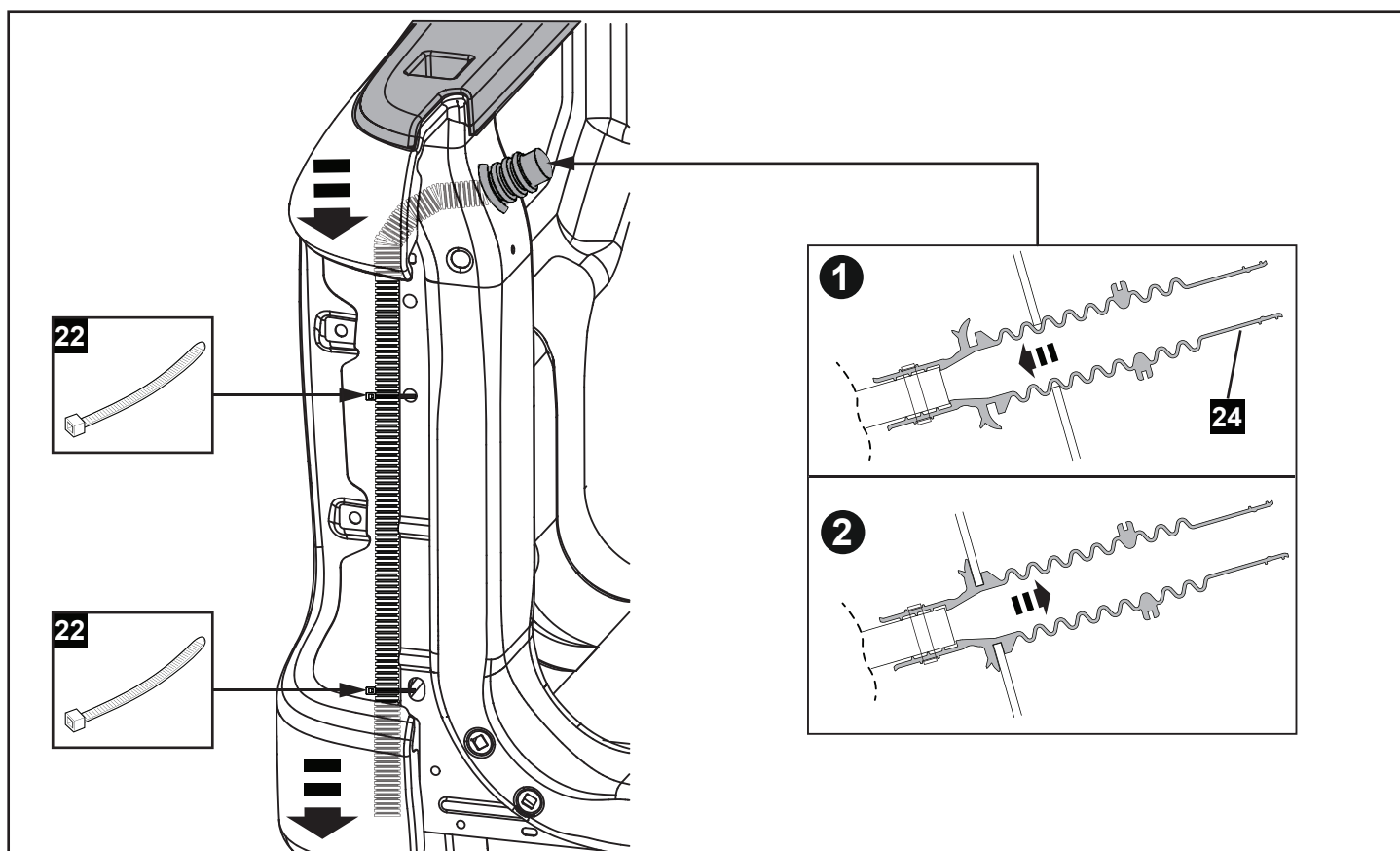
ATTENTION



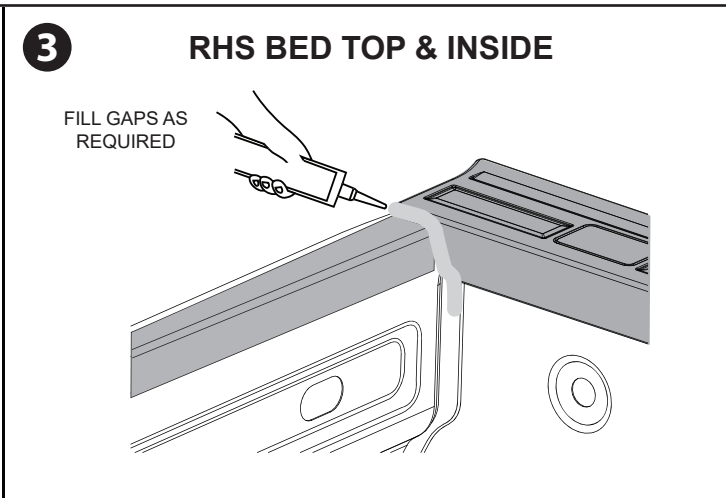
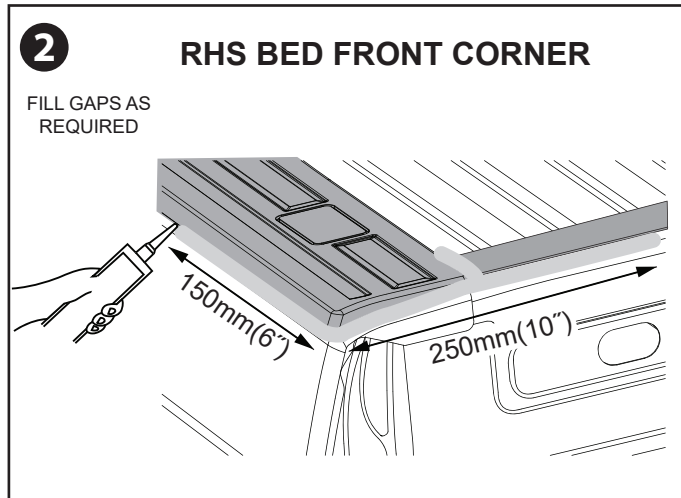
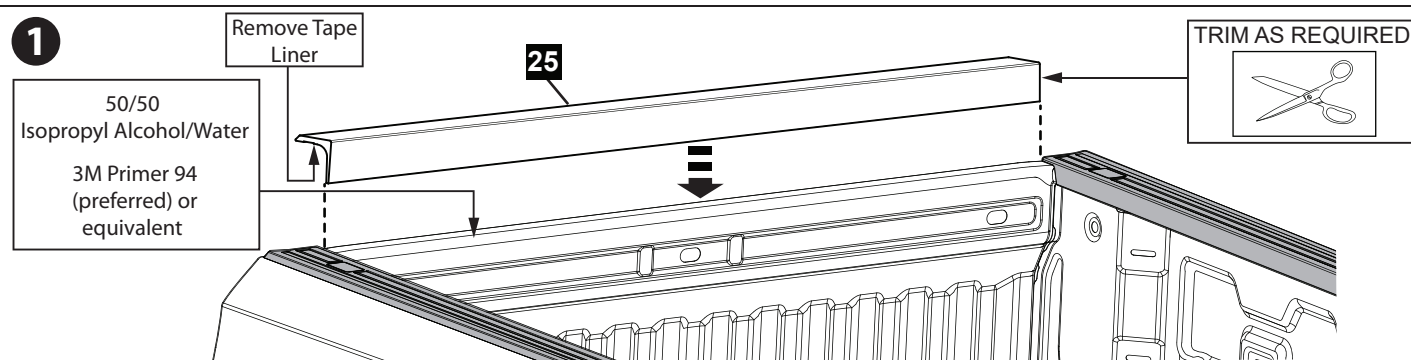
Ensure that the diameter of the hole does not exceed $\text{Ø}29\text{mm}$ ($1\frac{1}{8}''$). Larger hole size will lead to water ingress into the bed



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



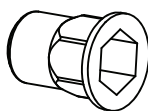
- 5** Feed the rear drain tube into the drilled hole. Guide the plastic tube inside the tail light cavity towards the ground. Push the rubber tube in until it sits firmly in the hole. Secure the drain tube (24) to the sheet metal inside the tail light cavity using 2 cable ties (22). Refit Rear Tail Lamps.



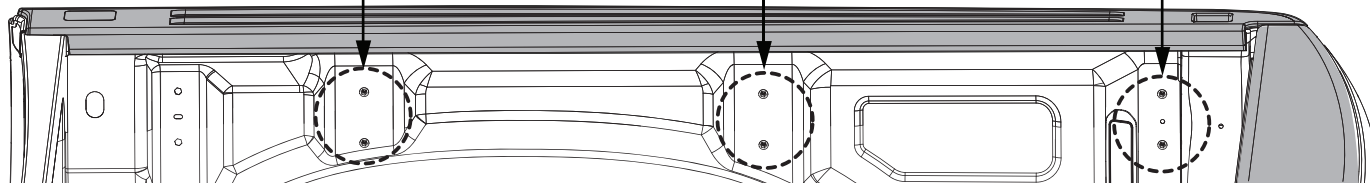
- 6** Clean the front top of the bed using Isopropyl Alcohol/Water mix and apply primer to the top area. Allow to dry. Place the extrusion (25) on front of the vehicle bed, check the length and trim to full width if required. Pre-peel 50mm (2") of the tape liner from one end of the Rubber Extrusion (25).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

NUTSERT SETTING
TOOL

11 x6

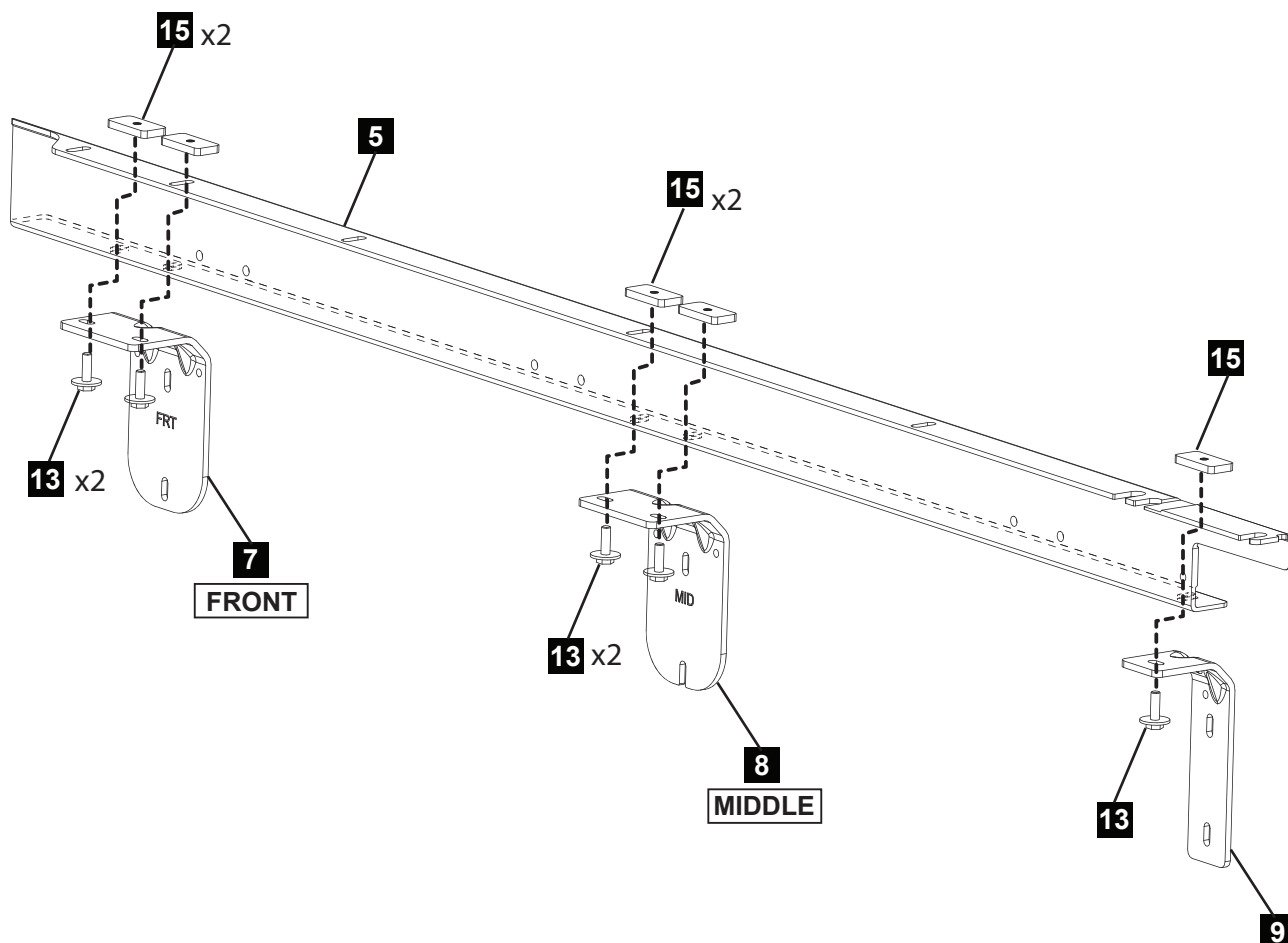


RHS

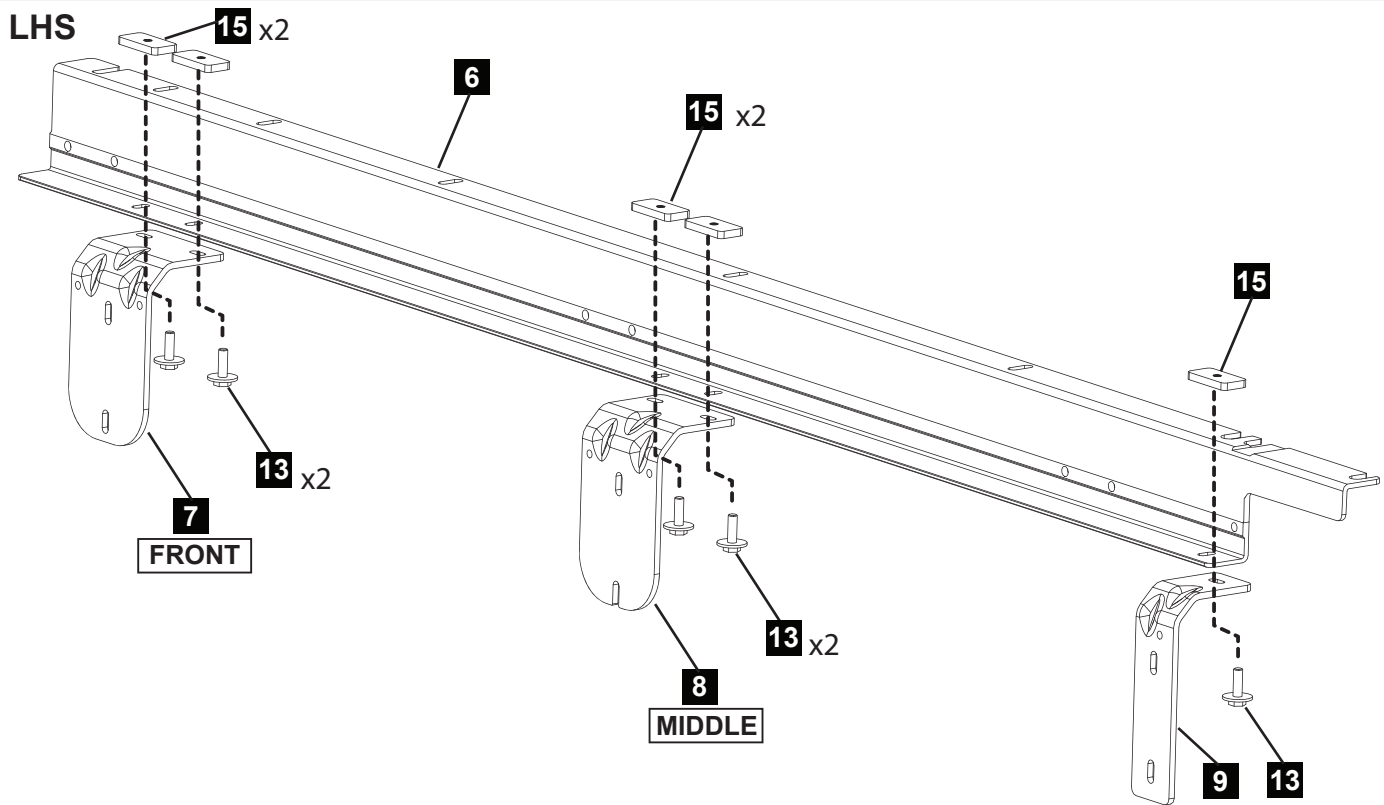


- 7** Check the six location in the bed side wall for M6 nutserts (11). If not fitted previously, fit 6 on each side (provided) using suitable Nutsert setting tool.

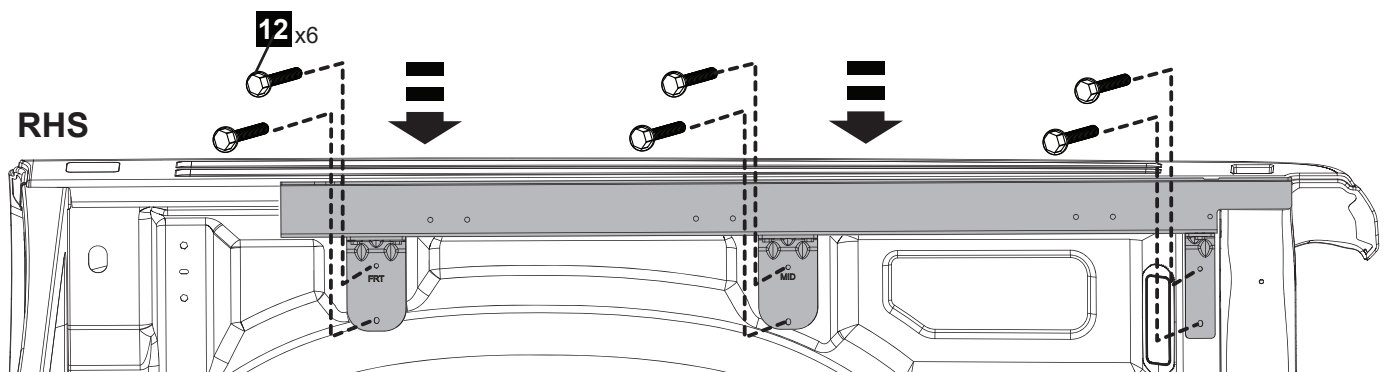
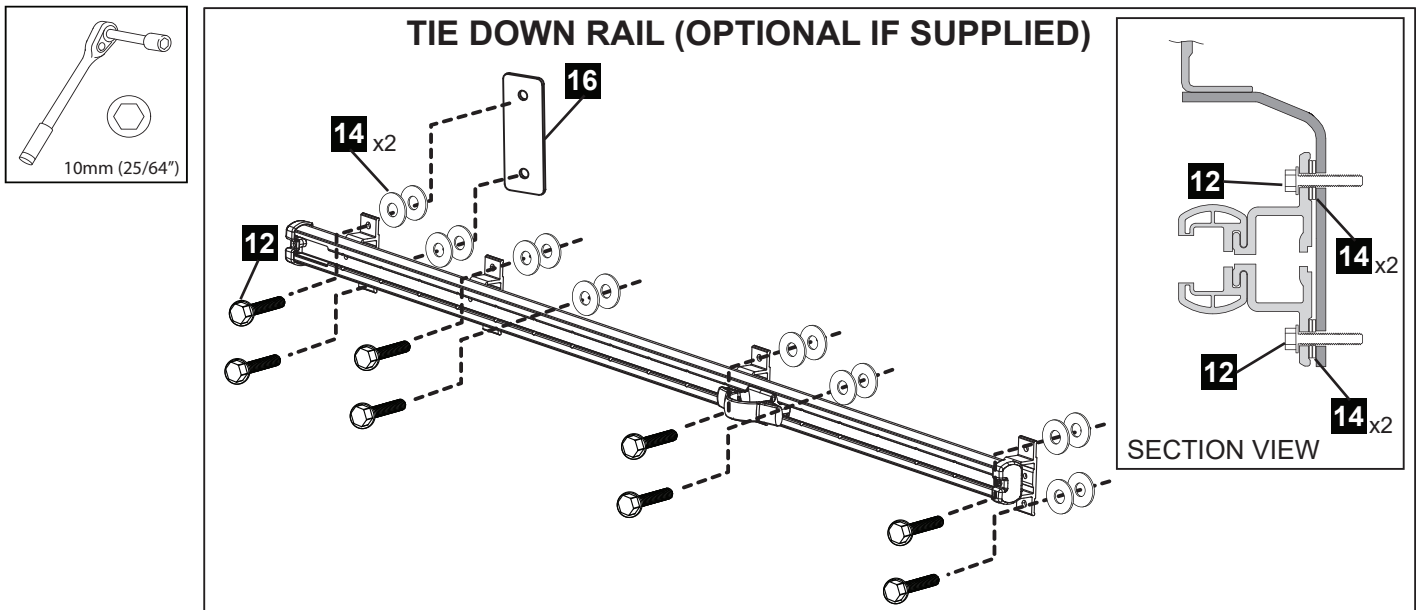
RHS



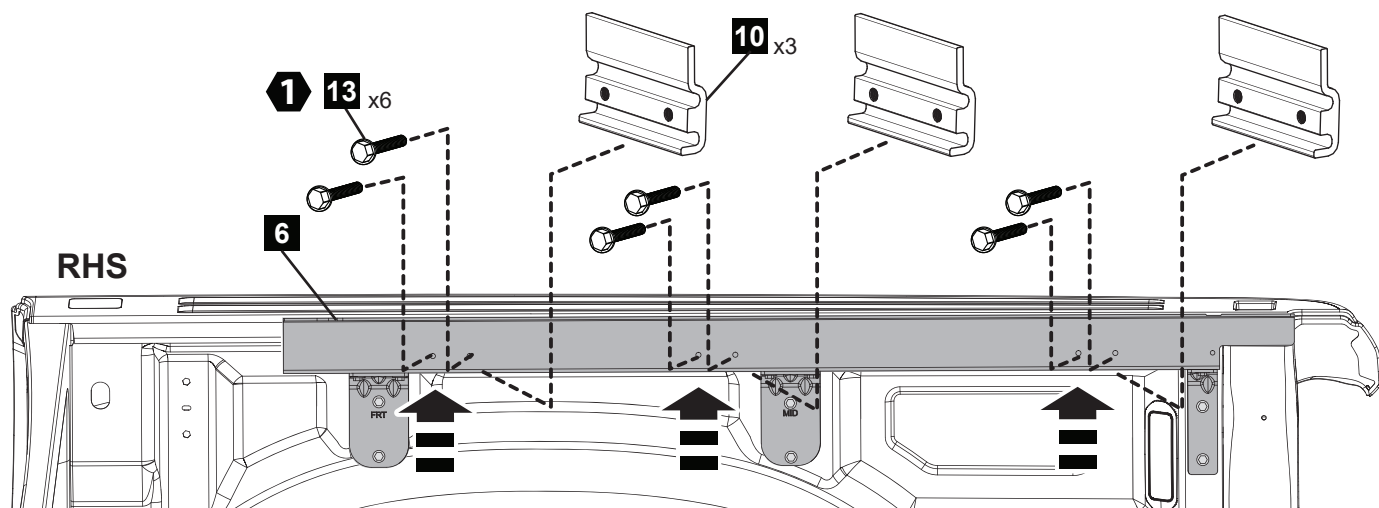
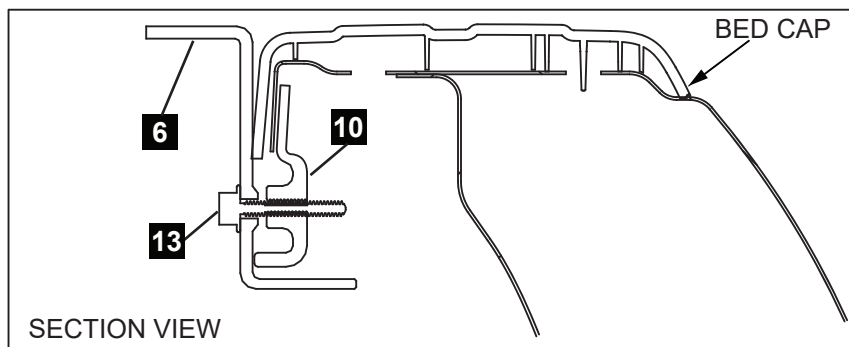
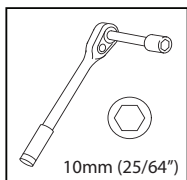
- 8** Fit the side brackets to the RHS mount extrusion as shown. Do not torque the screws at this stage.
IMPORTANT: Side Brackets have markings: FRT (front) and MID (middle).



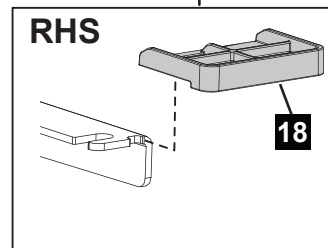
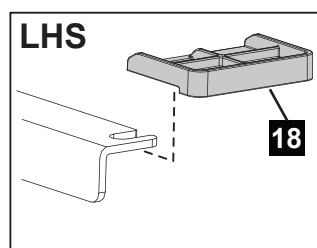
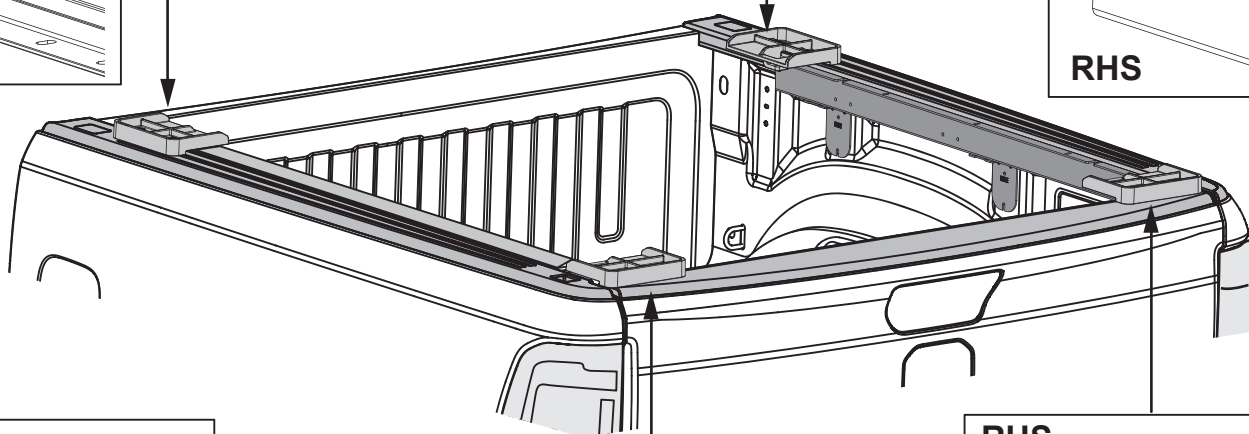
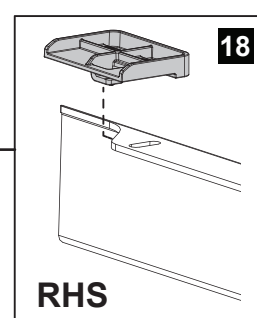
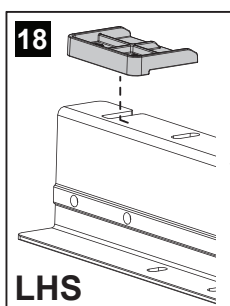
- 9** Fit the side brackets to the LHS mount extrusion as shown. **NOTE:** Do not torque the screws at this stage.
IMPORTANT: Side Brackets have markings: FRT (front) and MID (middle).



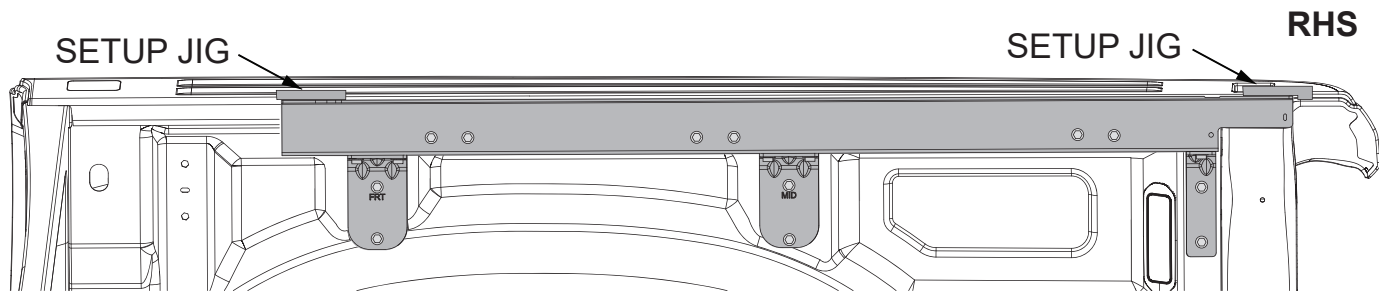
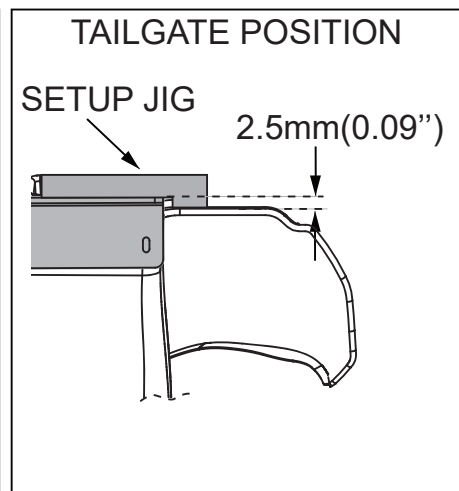
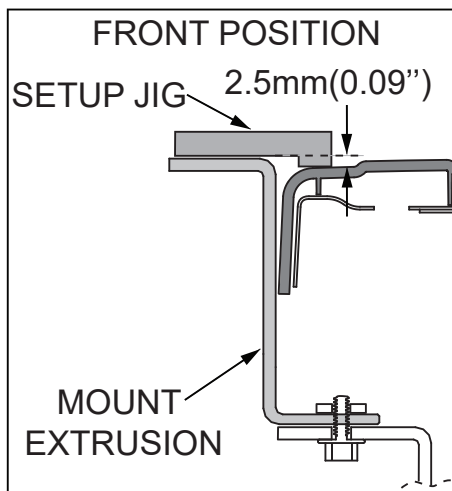
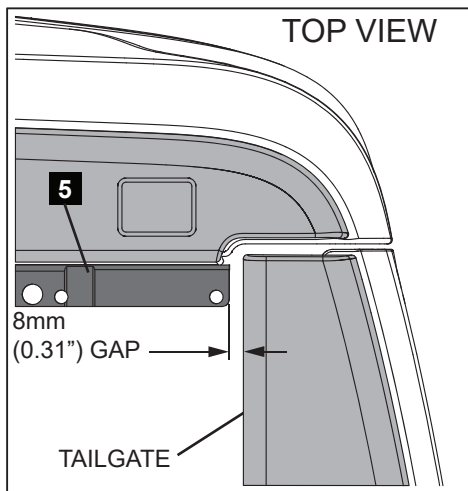
- 10** Fit the mount extrusion to the inside of the bed. Secure loosely to the nutserts with M6 screws (12).
NOTE: Fit the Tie Down Rail at the same time if supplied and use the spacer (16) at the front location as shown, and two washers (14) per screw between Tie Down Rail and mounting bar support brackets.



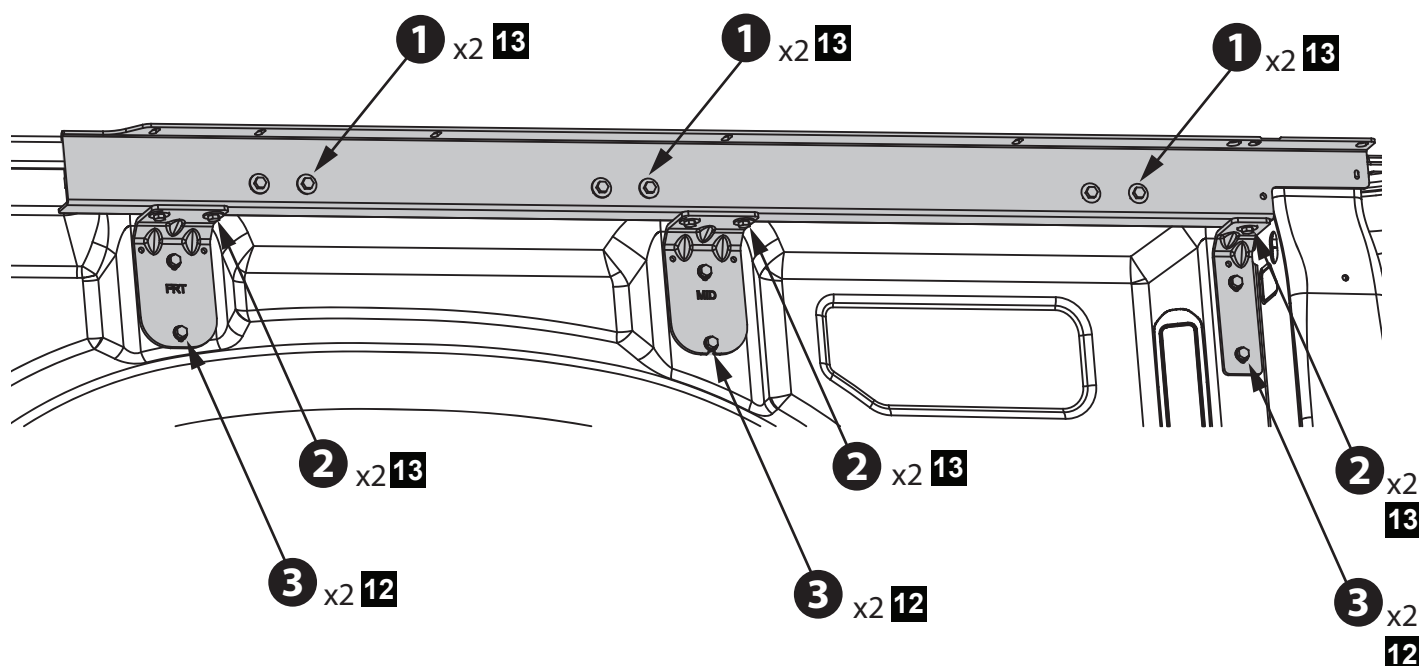
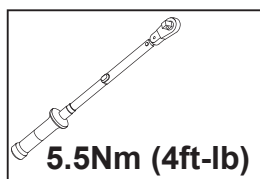
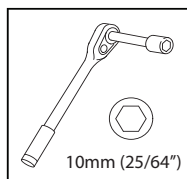
11 Fit the clamp plates (10) inside the bed as shown in the detail and loosely secure with screws (13).



12 Fit the setup jigs to set up the RH mount extrusion first. Adjust the mount extrusion front position to the bed cap and rear position to the top of the tailgate using the setup jigs as a guide. Details as follows.



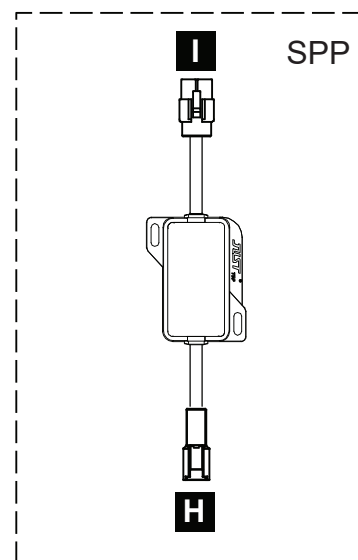
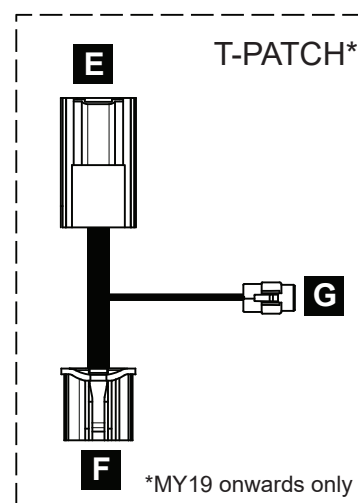
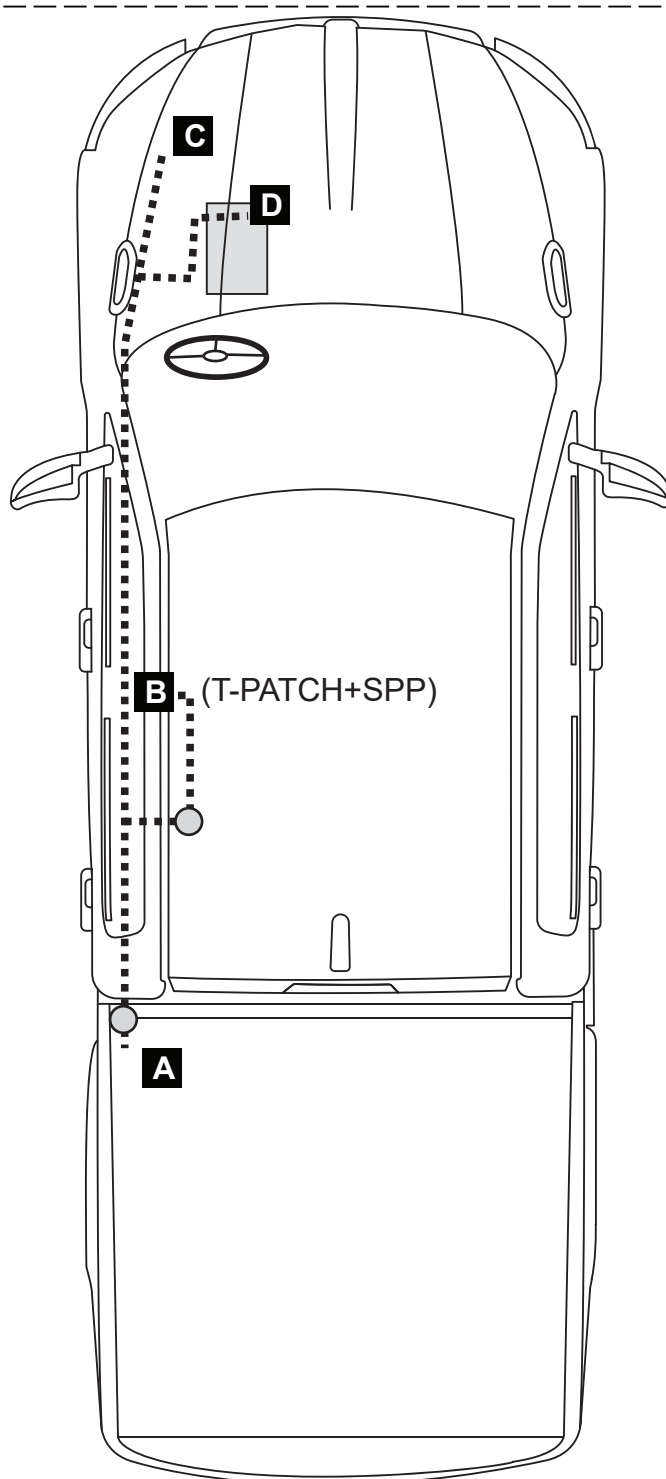
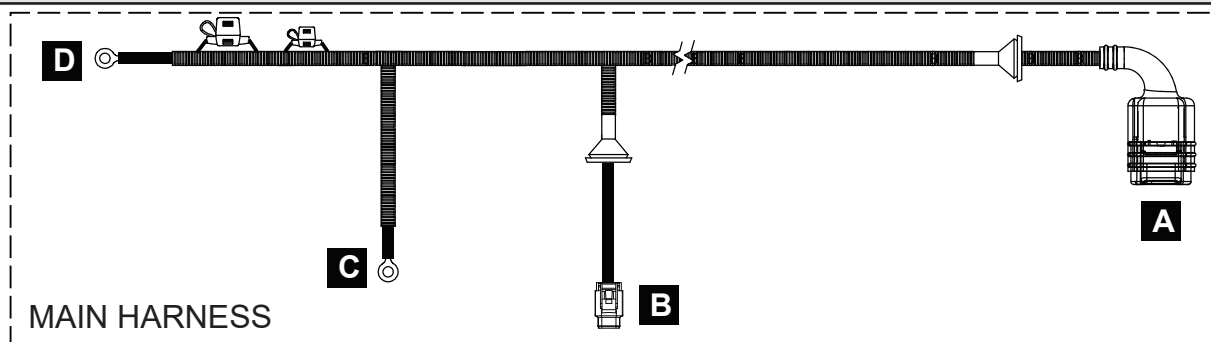
- 13** Set front/back position of the mount extrusion relative to the tailgate (8mm (0.31") gap) as shown in top view. Set the vertical position of mounting extrusion by adjusting the extrusion relative to the bedcap (ensuring parts are held level). Use the setup jigs to achieve a 2.5mm(0.09") step between the front end of the extrusion Vs bedcap; and a 2.5mm(0.09") step between the rear end of extrusion Vs tailgate - as shown in detail views above.



- 14** Torque all screws 12 & 13 to 5.5Nm(4ft-lb) in order shown above. Recheck mounting extrusion position from step 13 and remove setup jigs. Repeat step 12-14 on LH side.



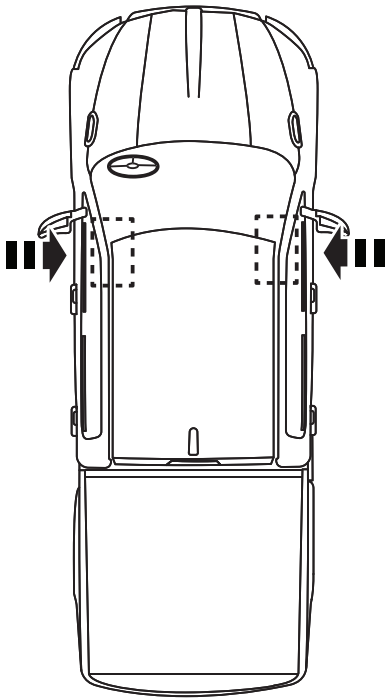
WHILE ROUTING THE VEHICLE HARNESS AVOID ANY VEHICLE COMPONENTS THAT HEAT UP, LIKE EXHAUST AND ENGINE COMPONENTS. DO NOT ATTACH HARNESS TO FUEL LINES AND AVOID PINCH POINTS.



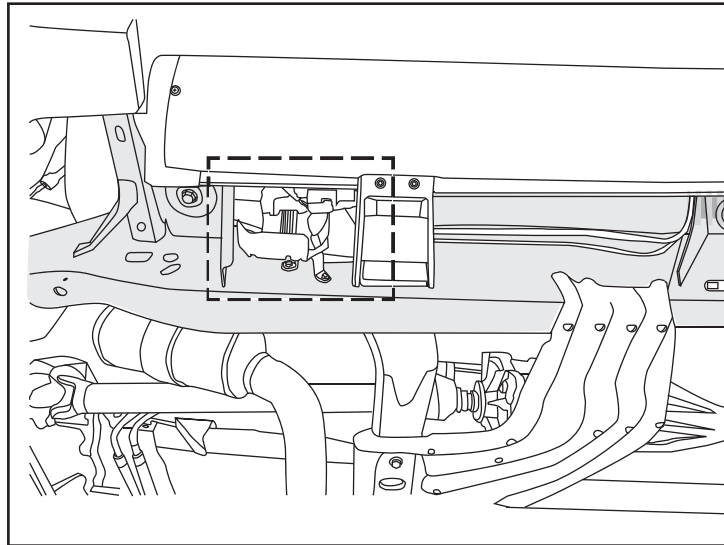
TOP VIEW



FOR VEHICLES WITH ELECTRIC / RETRACTABLE SIDE STEPS ONLY
FAILURE TO DISCONNECT MAY RESULT IN SERIOUS INJURY



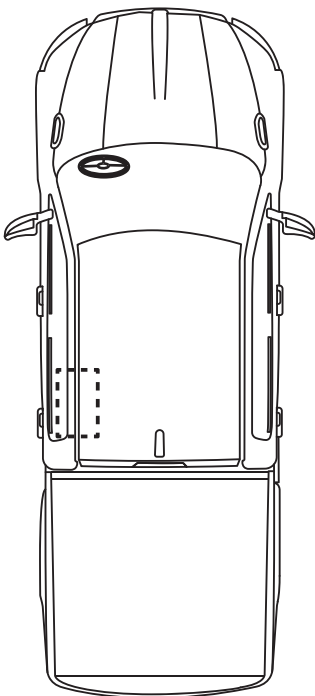
TOP VIEW



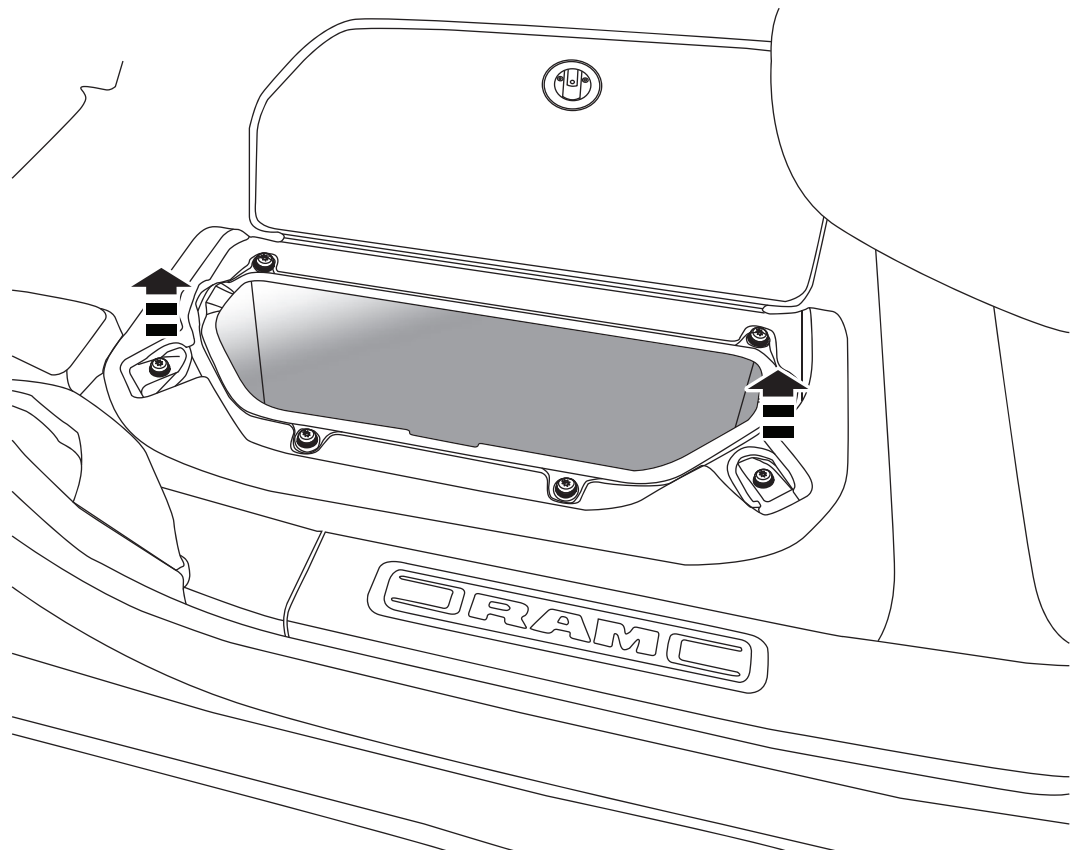
DISCONNECT



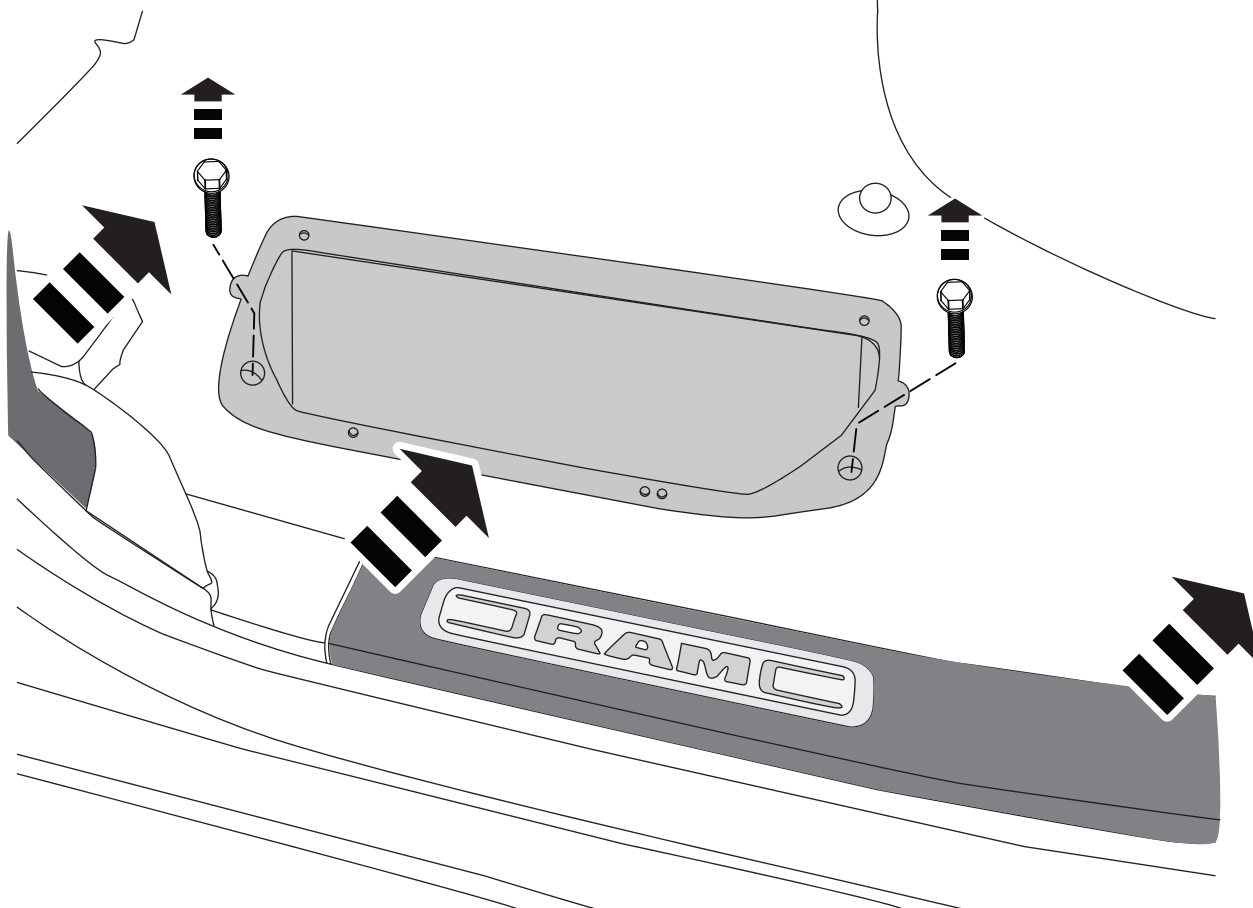
- 1 Close all doors. Wait at least 10 seconds for the step to fully retract. Head under the front side of the vehicle and detach the LHS&RHS side step motor connector. At all times, keep hands and appendages clear of the motorized step. Failure to disconnect may result in serious injury.



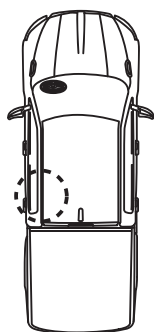
TOP VIEW



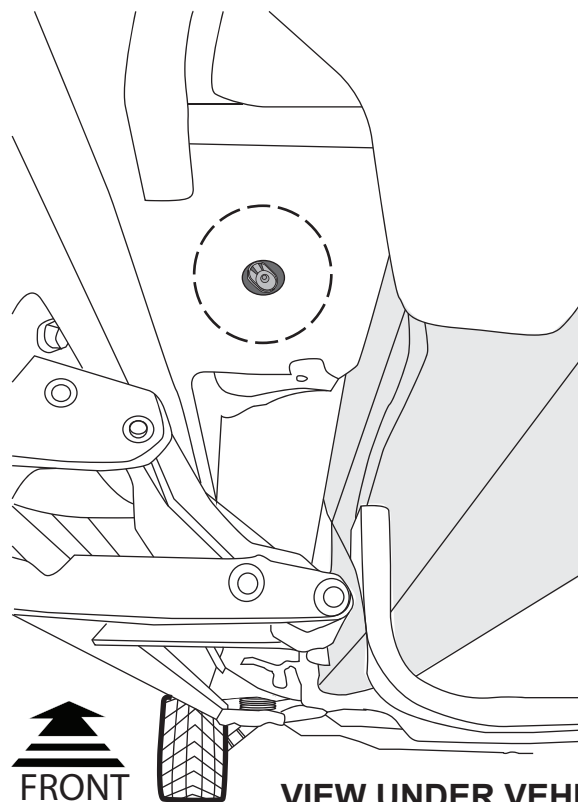
- 2 Remove the 4 Torx screws and remove plastic liner. Lift plastic covers as shown by the arrows to expose 2 Torx screws. Remove the 2 Torx screws and remove the lid from the floor.



- 3** Remove scuff plate and upper B-pillar panel to expose the carpet and seat belt assembly respectively.
 NOTE: Leave the Lower B-pillar trim panel attached as there is no requirement to remove. Remove two M6 screws and remove the plastic bin to access the carpet edge.

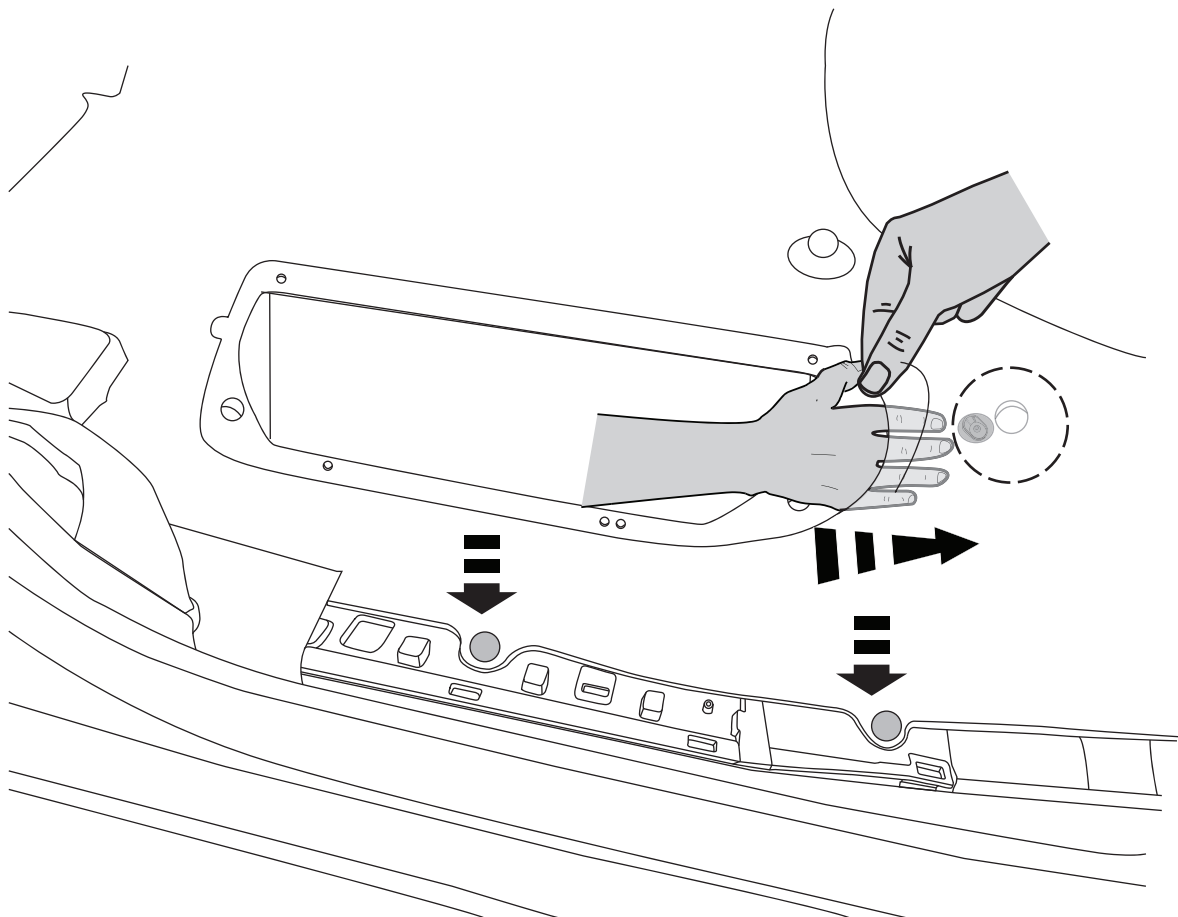


TOP VIEW

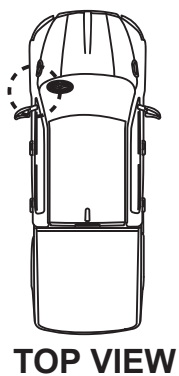


VIEW UNDER VEHICLE

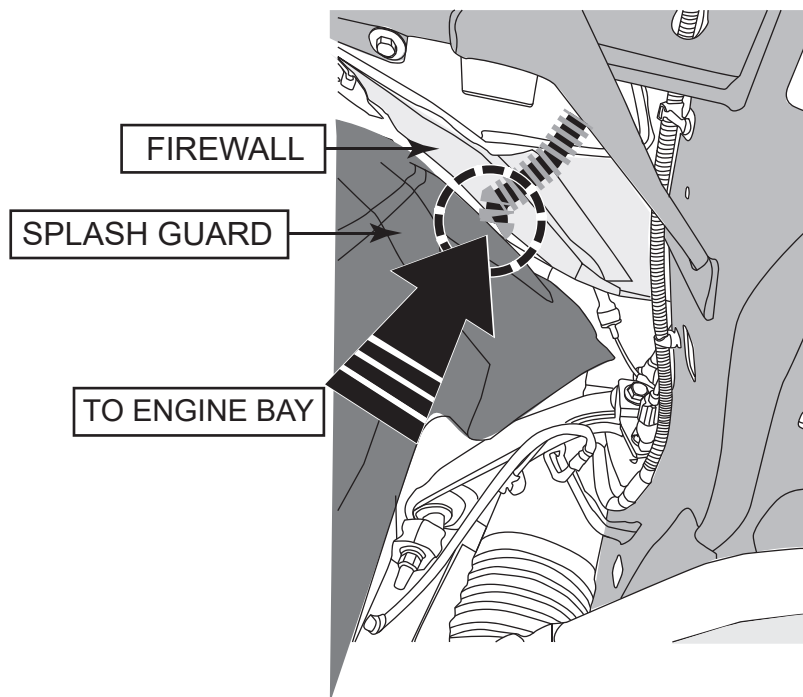
- 4** Note: The chassis floor plug is glued to the chassis. To dislodge floor plug, apply upwards impact force with a hammer from underneath the vehicle floor.



- 5** Remove Carpet Clips as shown. Lift carpet and reach hand under to retrieve chassis floor plug.

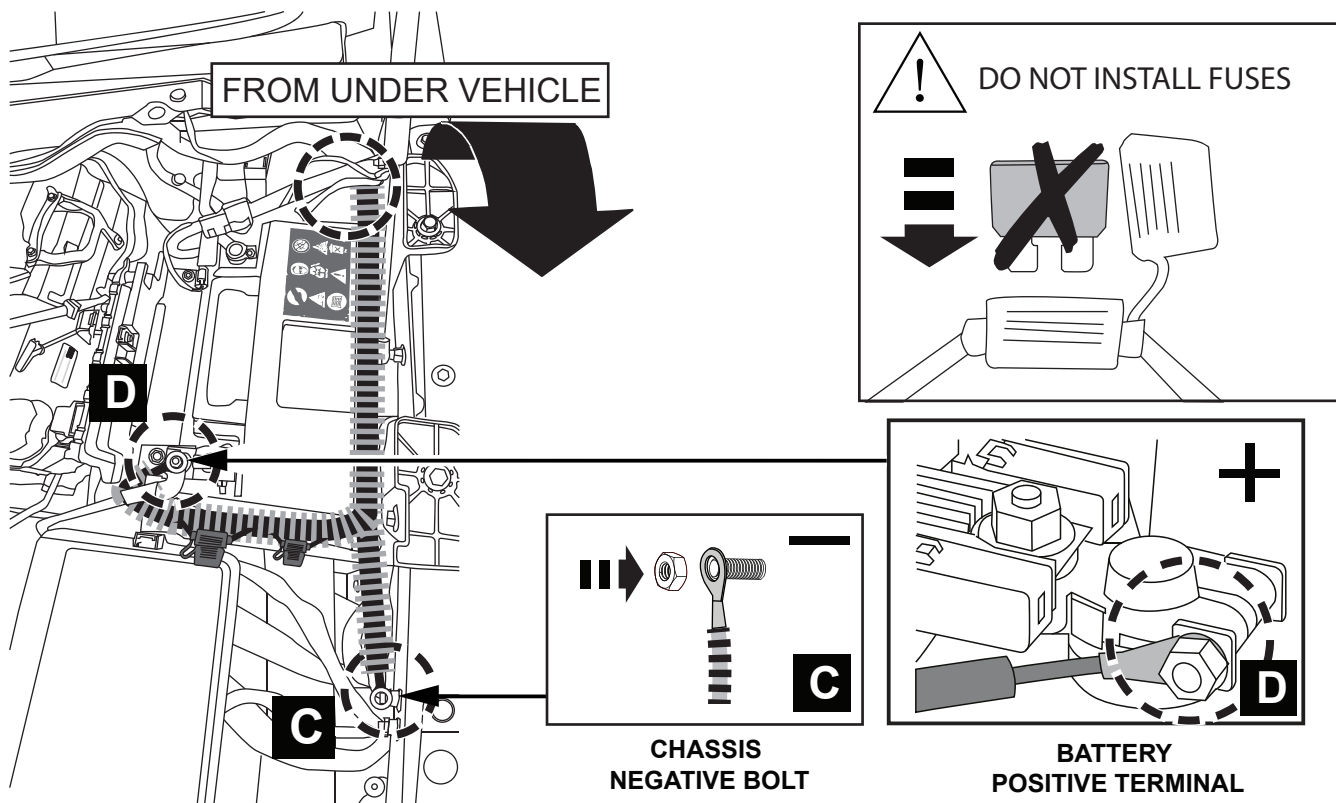


TOP VIEW

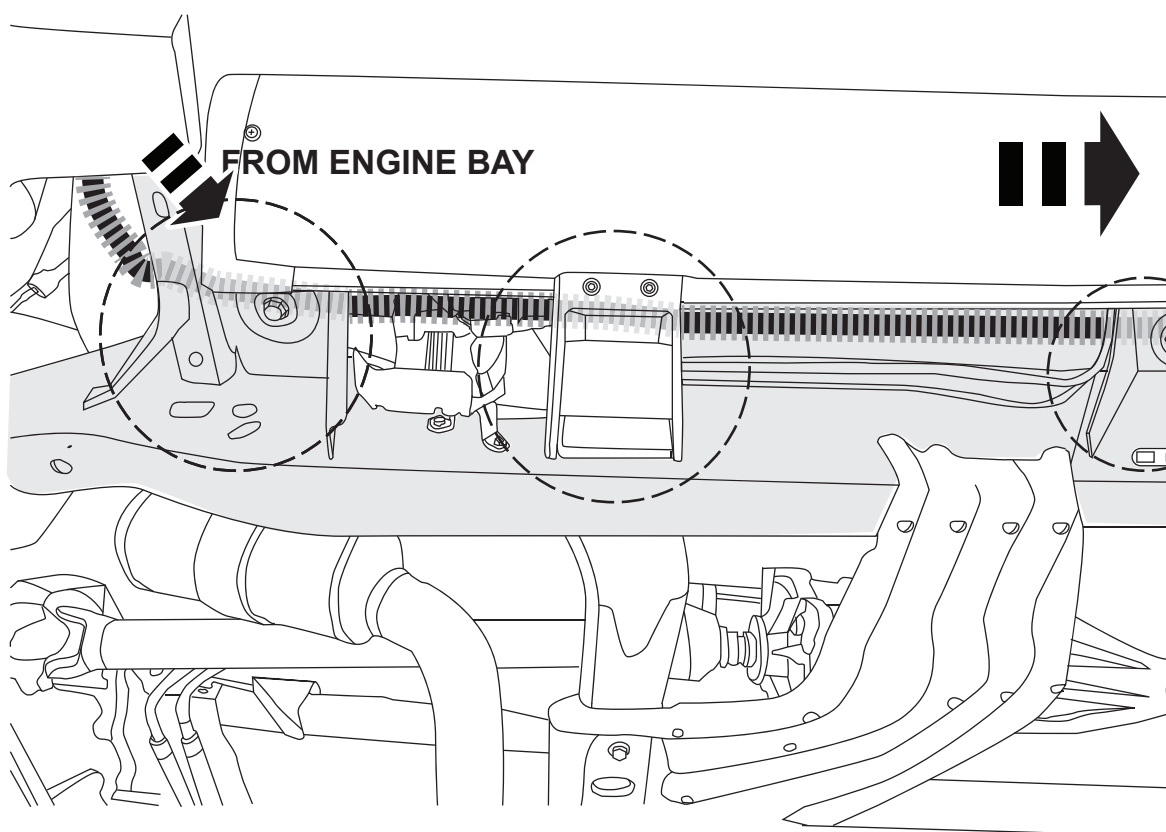


VIEW UNDER VEHICLE

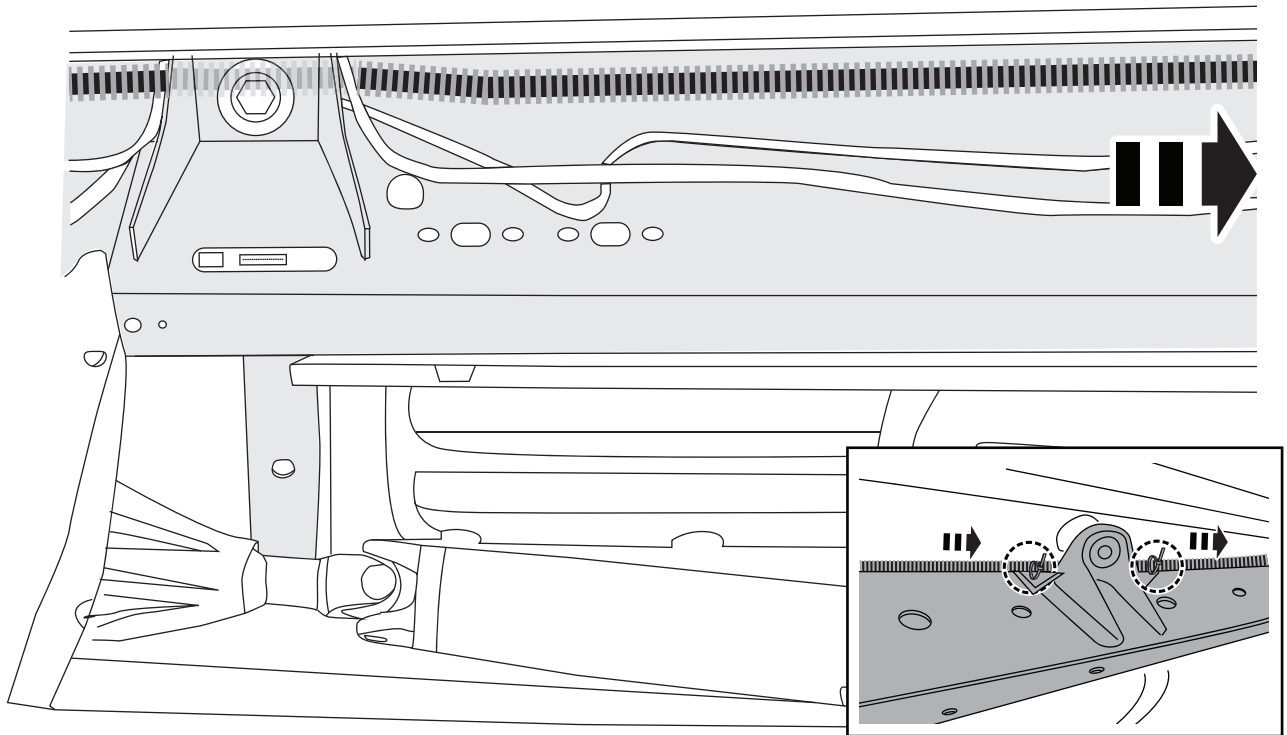
- 6** Feed pull wire from the top of the engine bay, behind the battery, between the plastic splash guard and firewall. Attach connectors D and C to the pull wire and pull back up between the plastic splash guard and firewall.



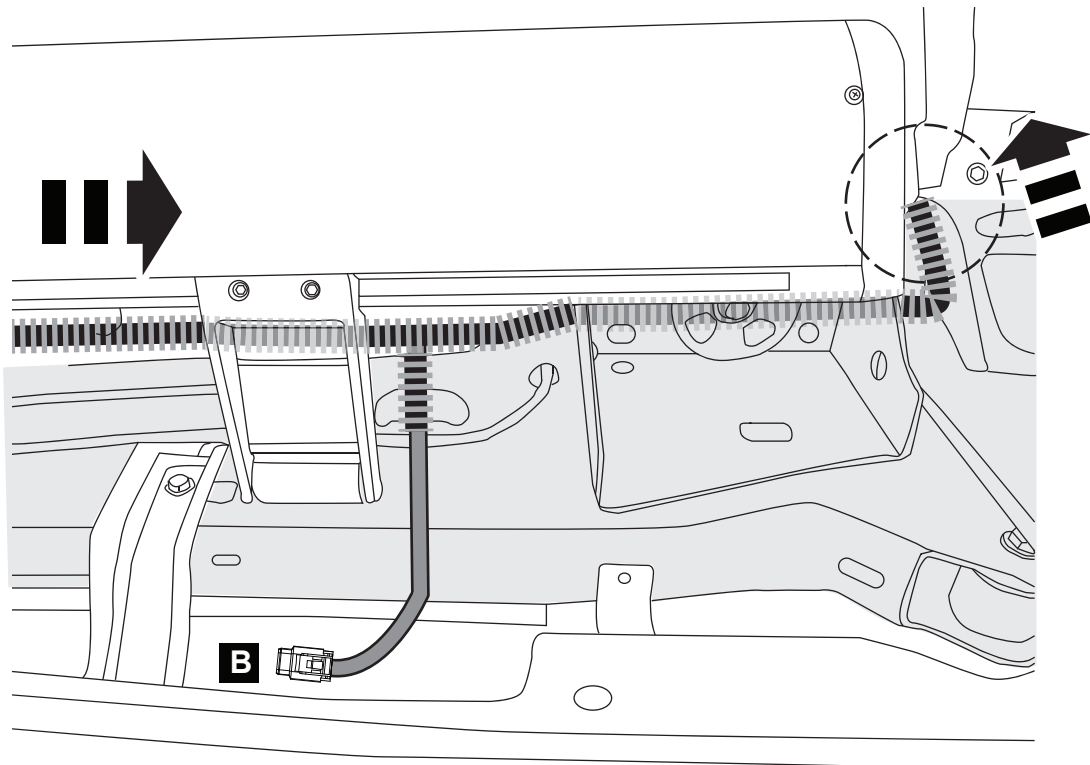
- 7** Before connecting, ensure the two fuses are removed from the positive wire in-line fuse housing. Do not install any fuses until instructed. Lift the positive terminal cover to allow installation of the harness positive ring terminal. Ensure installation of positive ring terminal allows for positive terminal cover to be reinstalled. Connect Positive Ring Terminal (D) to the second positive terminal and connect Negative Ring Connector (C) to the first negative chassis stud as shown.



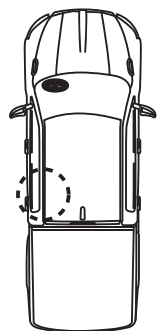
- 8** Vehicle Harness will follow chassis rail. Zip tie Vehicle Harness at top towards rear. Ensure to zip tie above and behind any vehicle support structures as circled.



- 9** Vehicle Harness will follow chassis rail. Zip tie Vehicle Harness at top towards rear. Ensure to zip tie above and behind any vehicle support structures as shown.



- 10** The Vehicle harness should have a T intersection approximately located where the glued chassis floor plug was removed. At the T intersection, let Connector B hang loose, and continue running the Vehicle Harness (Connector A) towards the rear, to the gap between the vehicle cab and bed.

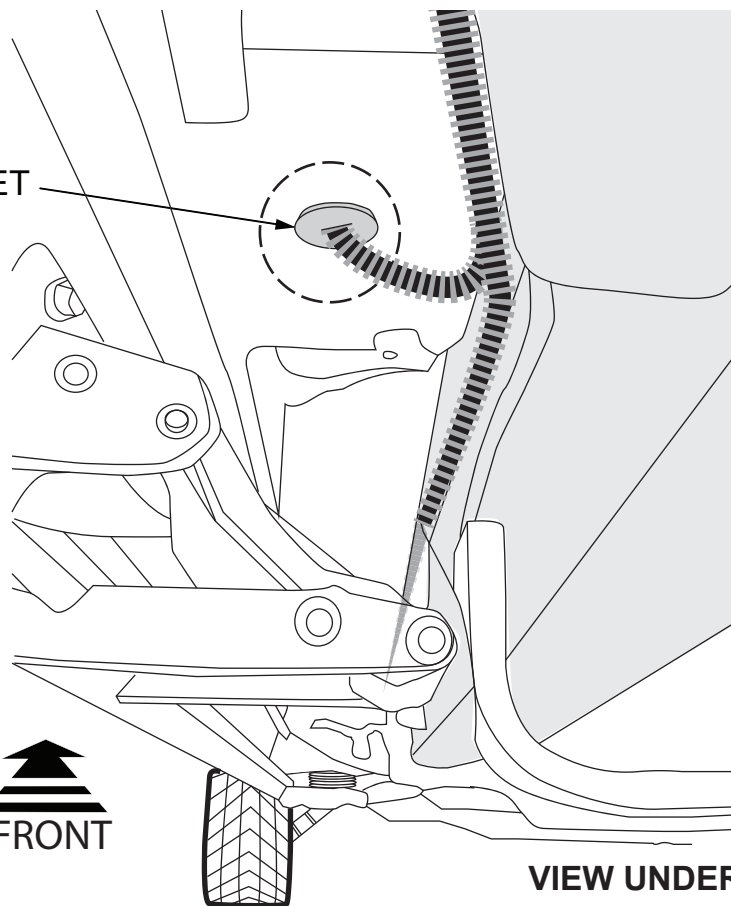


TOP VIEW

GROMMET



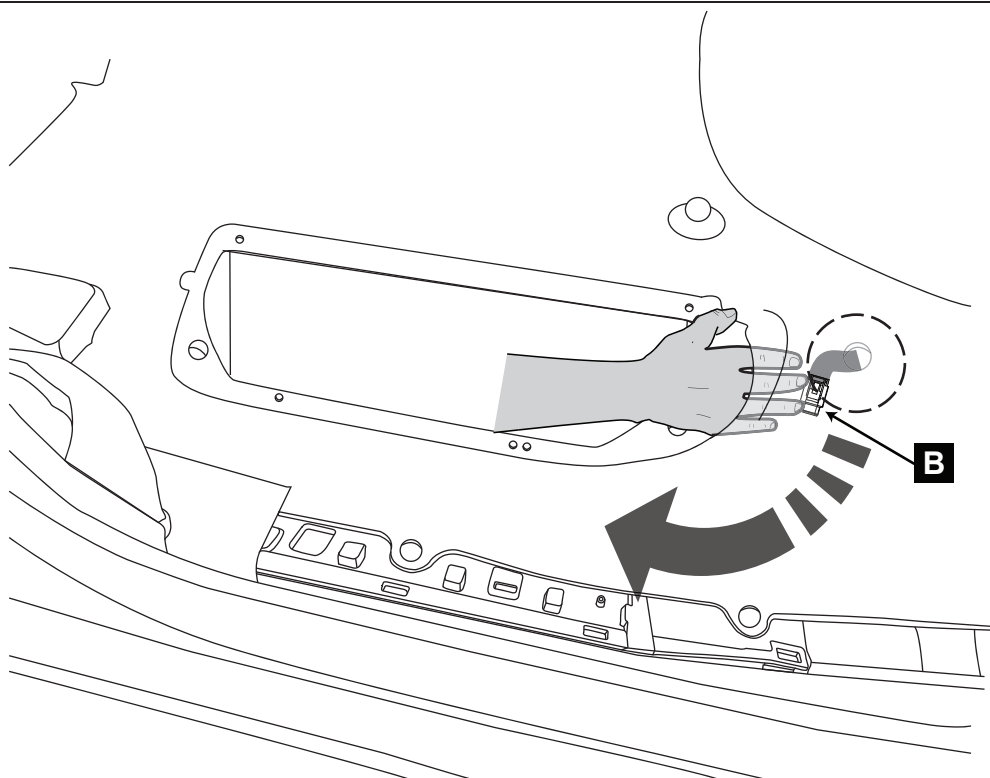
FRONT



VIEW UNDER VEHICLE

11

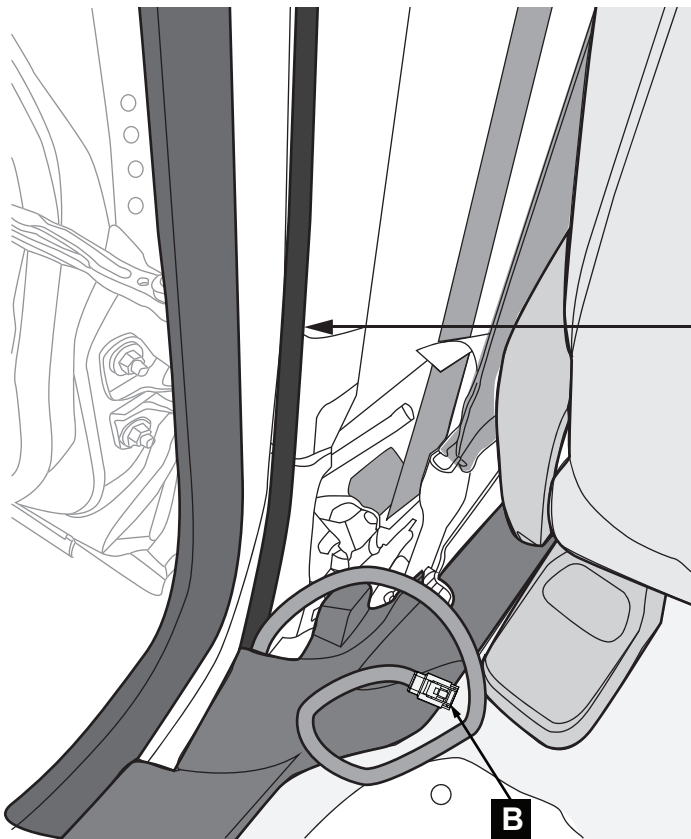
Run the wire between the carpet and the chassis. Pull the wire under the lower B-pillar trim panel. Ensure the cable does not interfere or touch seatbelt mechanism. Pull wire until grommet is pulled into the hole and seals tight.



12

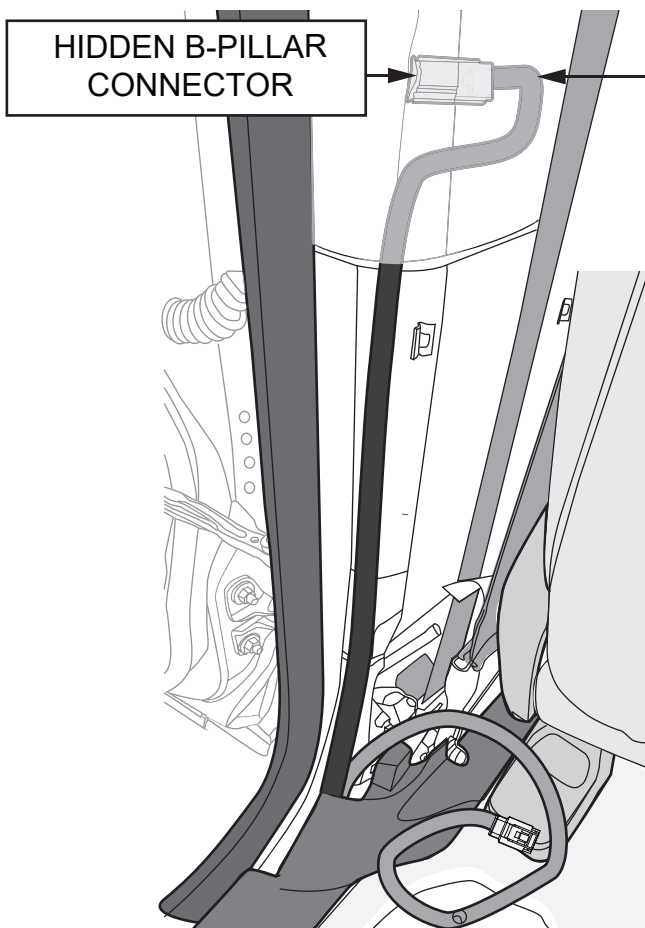
Feed Connector B, located at the T Junction, through the floor hole and pull through.

POKE & WRAP FOR MY17 & MY18 MODELS ONLY (STEP 13-17)

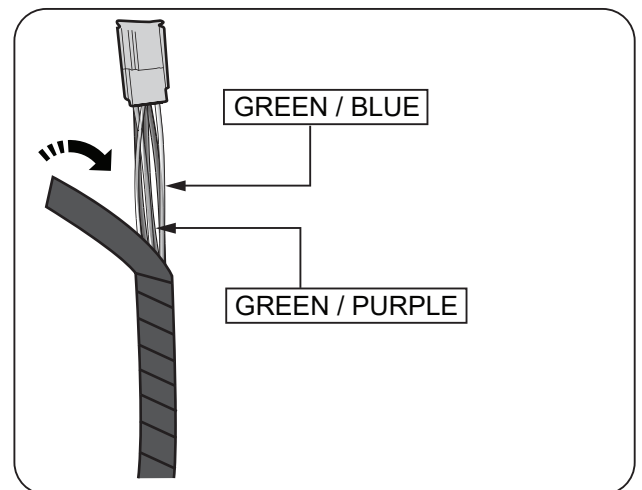


B-PILLAR
CONNECTOR WIRE

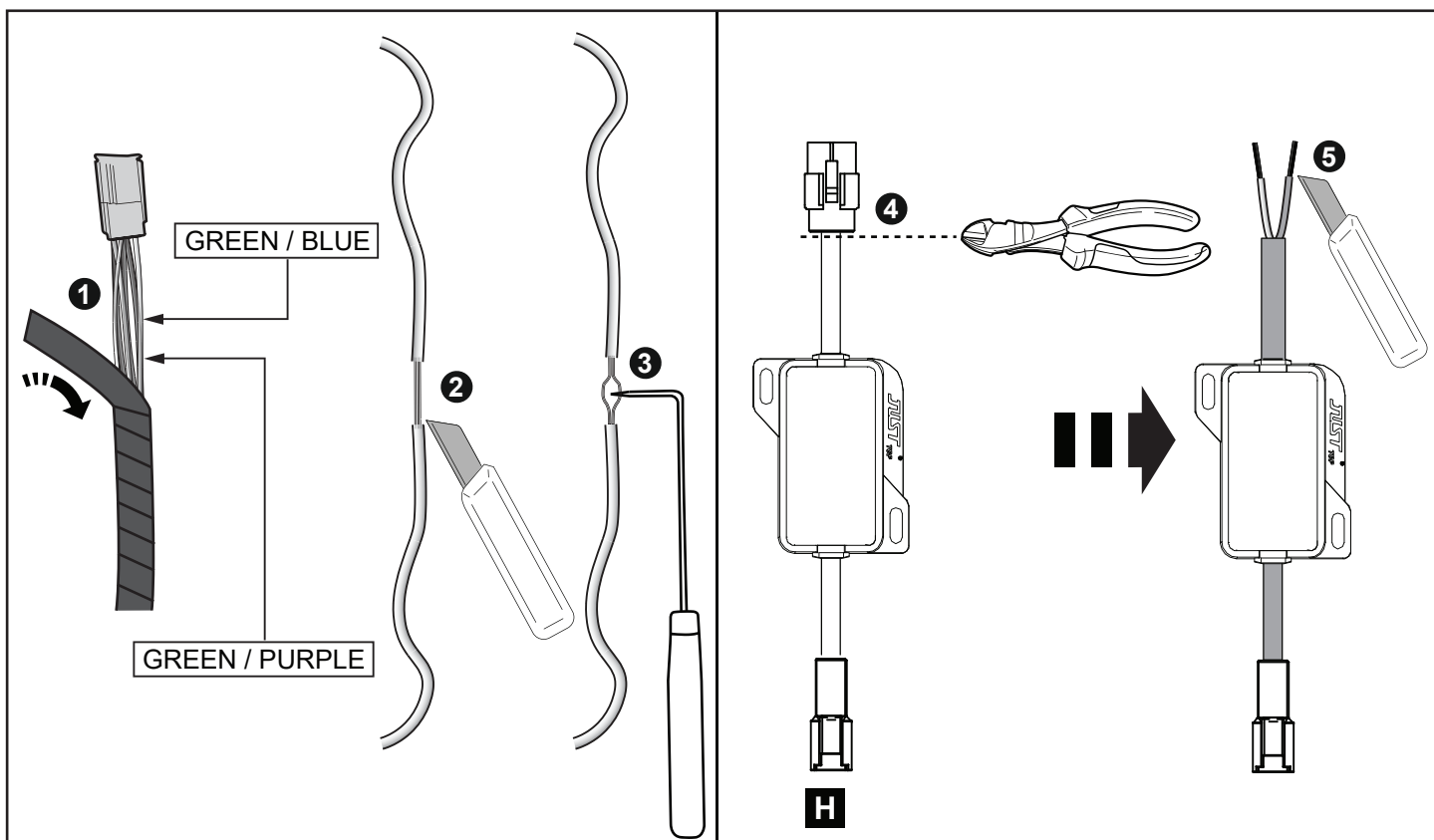
- 13** Bring Connector B up through lower B-pillar trim panel along side B-pillar connector wire and coil to the side. Ensure placement does not put cable at risk of being damaged.



DISCONNECT

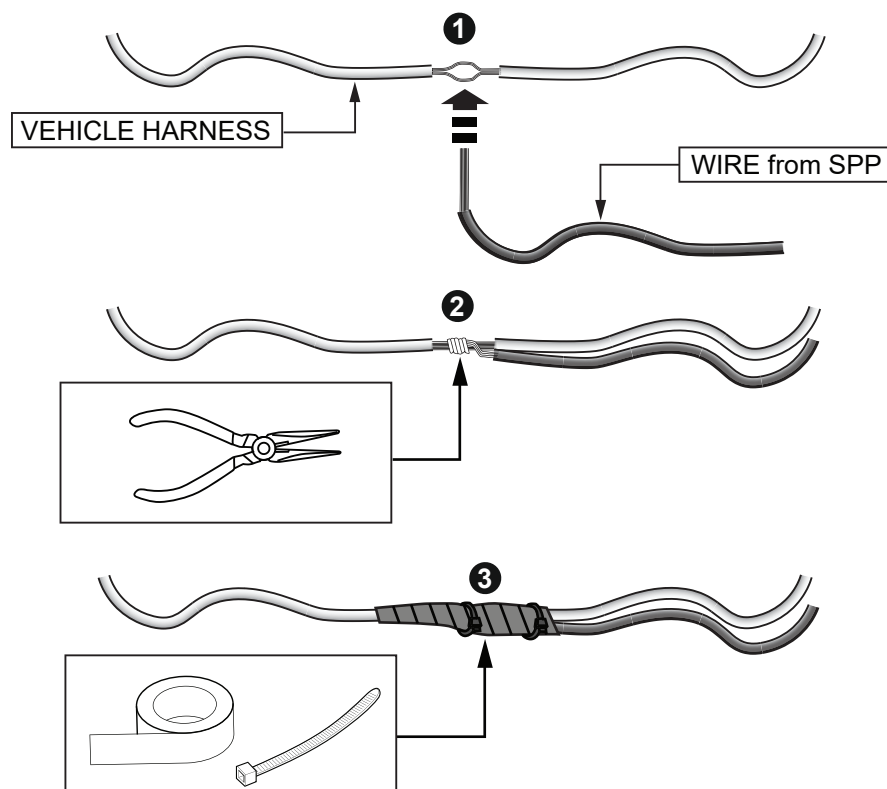


- 14** Remove harness wrap to expose wires (unplug the harness plug hidden behind the panel if needed). Locate the **green-purple** and **green-blue** wires in the vehicle harness.

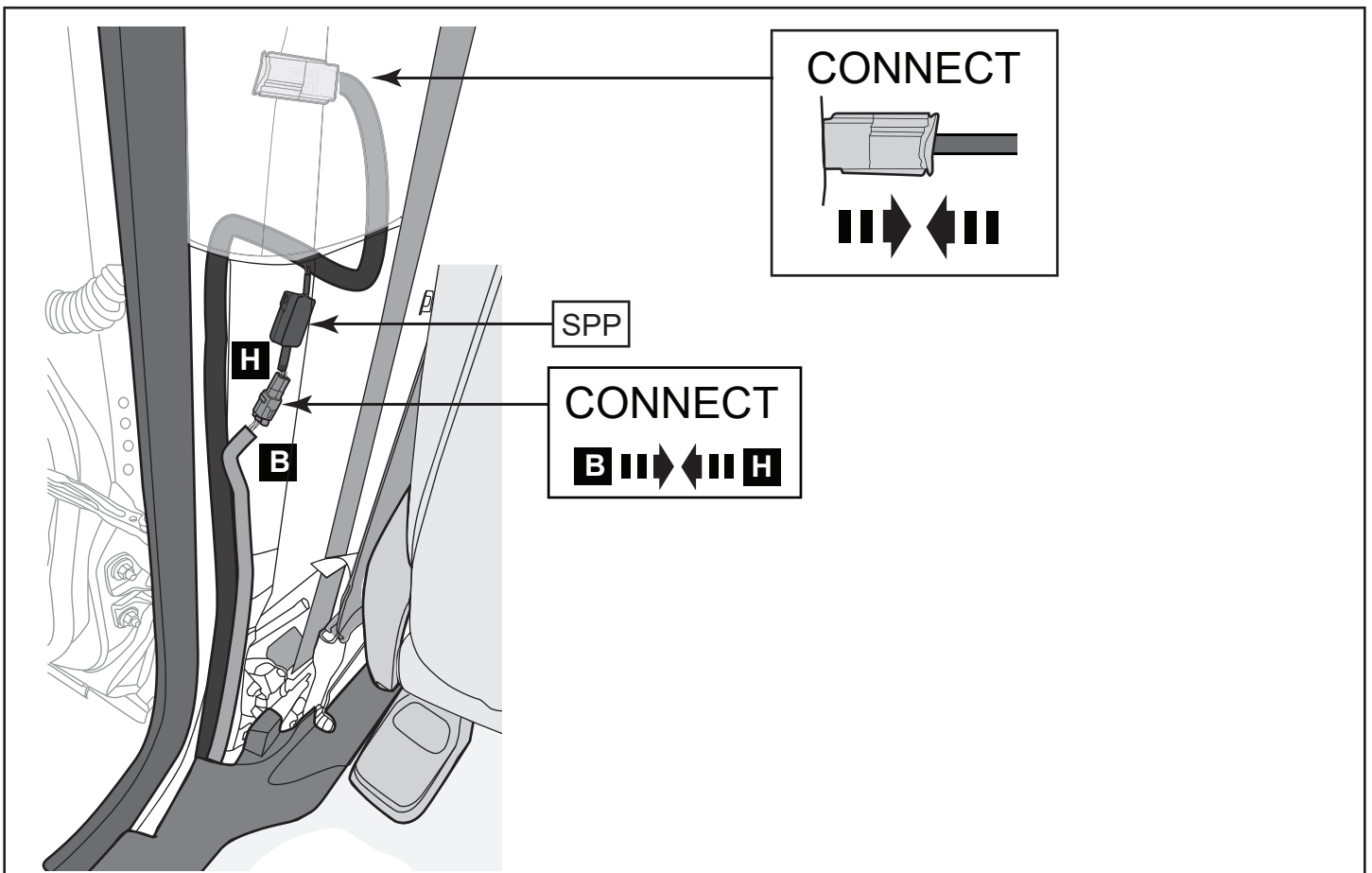


15 Separate selected wires and strip back 1/4 to 1/2 inch of shielding to expose copper as shown. Run a pick tool through the copper in the two wires to open a hole in it between copper strands. Using side cutters cut off the 2-way connector from the SPP unit as show and discard the connector. Strip 1 inch of the wires ends to expose the copper.

VEHICLE HARNESS	WIRE from SPP
GREEN / BLUE	ORANGE
GREEN / PURPLE	BROWN

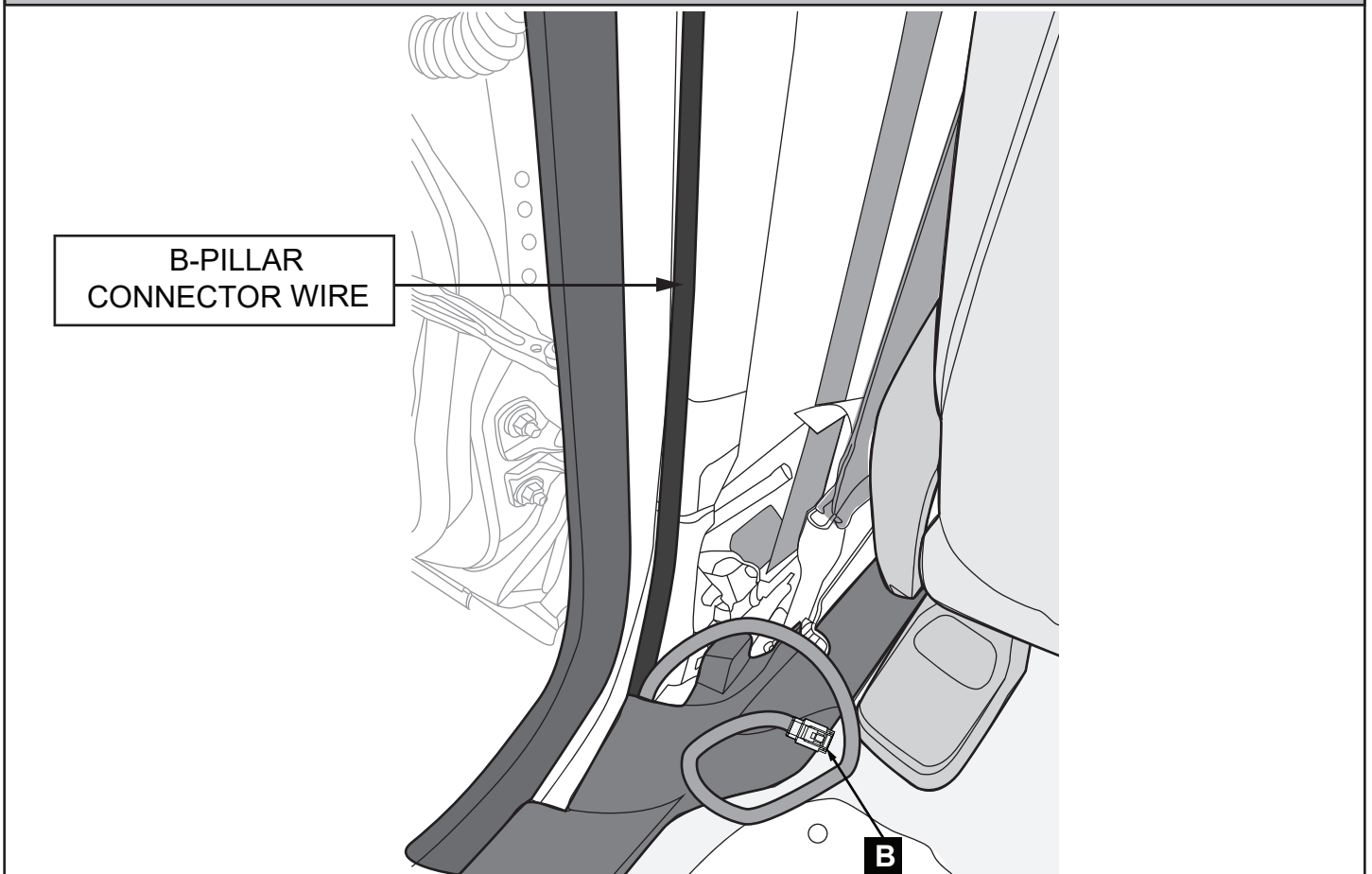


16 Insert stripped back wire (SPP unit) through the hole in the factory wiring and wrap around it tightly. Use needle nose pliers to clamp down on the connection. Wrap the wires with 3M super 33+ or equivalent electrical tape. Zip ties can be added for additional security. Rewrap the harness back as it was originally.



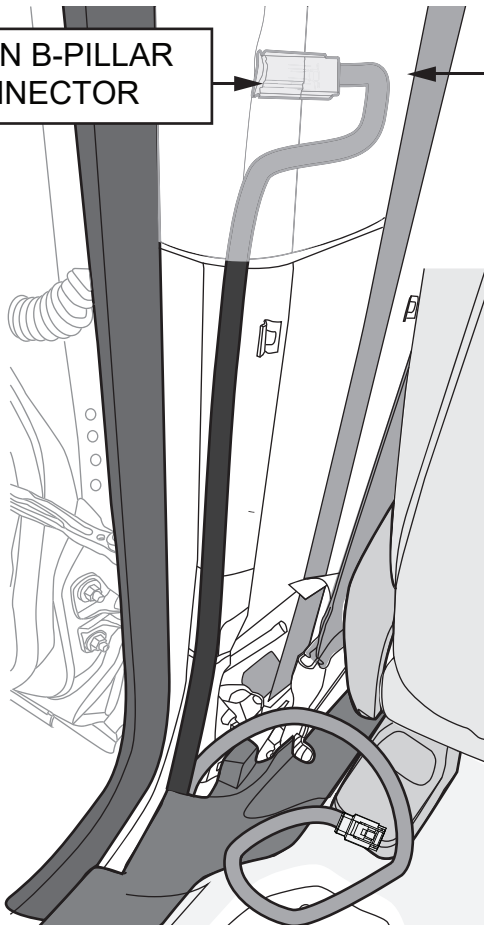
- 17** Connect the SPP unit to the main harness connector (B). Connect the vehicle harness plug in the B-pillar and secure the harness using zip ties.

T-PATCH FOR MY19 onwards MODELS ONLY (STEP 18 - 21)



- 18** Bring Connector B up through lower B-pillar trim panel along side B-pillar connector wire and coil to the side. Ensure placement does not put cable at risk of being damaged.

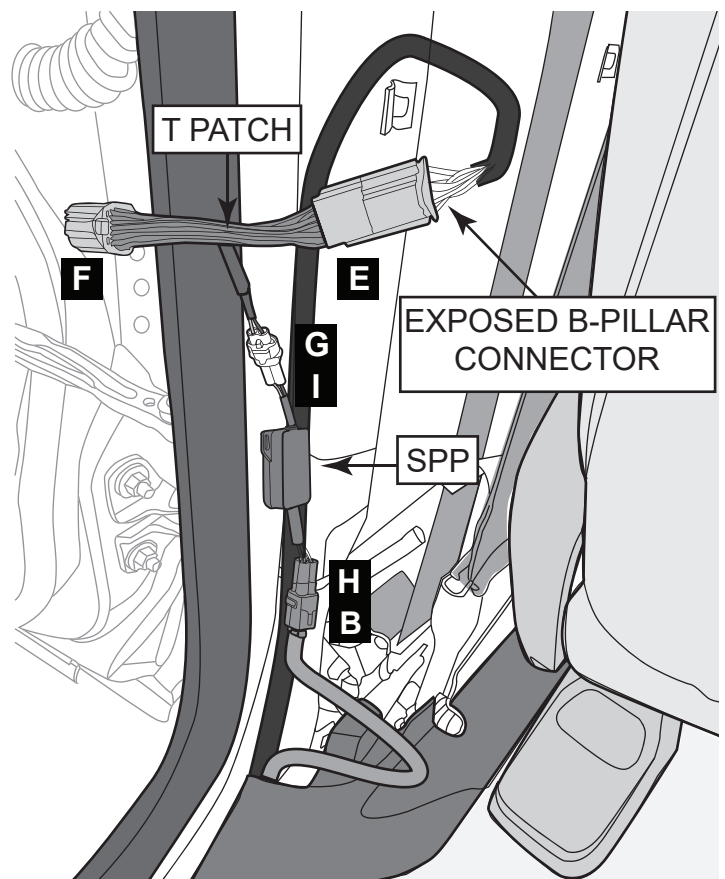
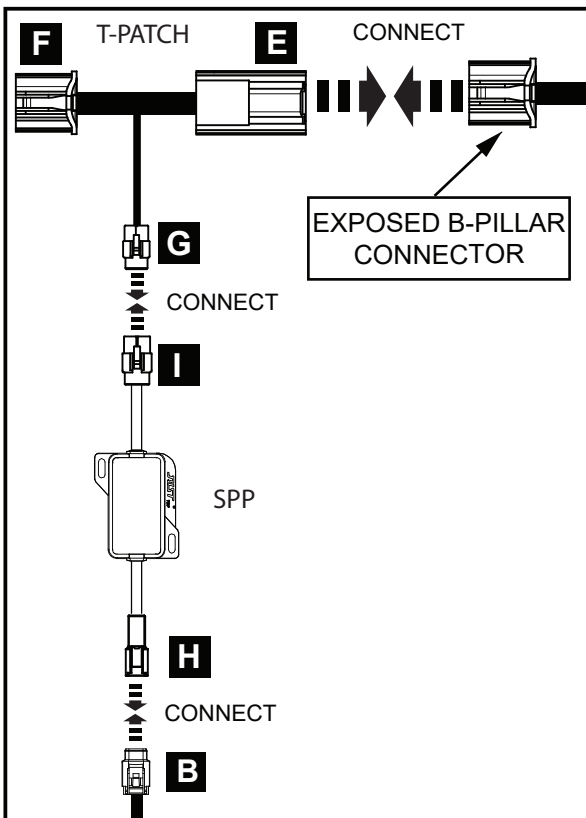
HIDDEN B-PILLAR
CONNECTOR



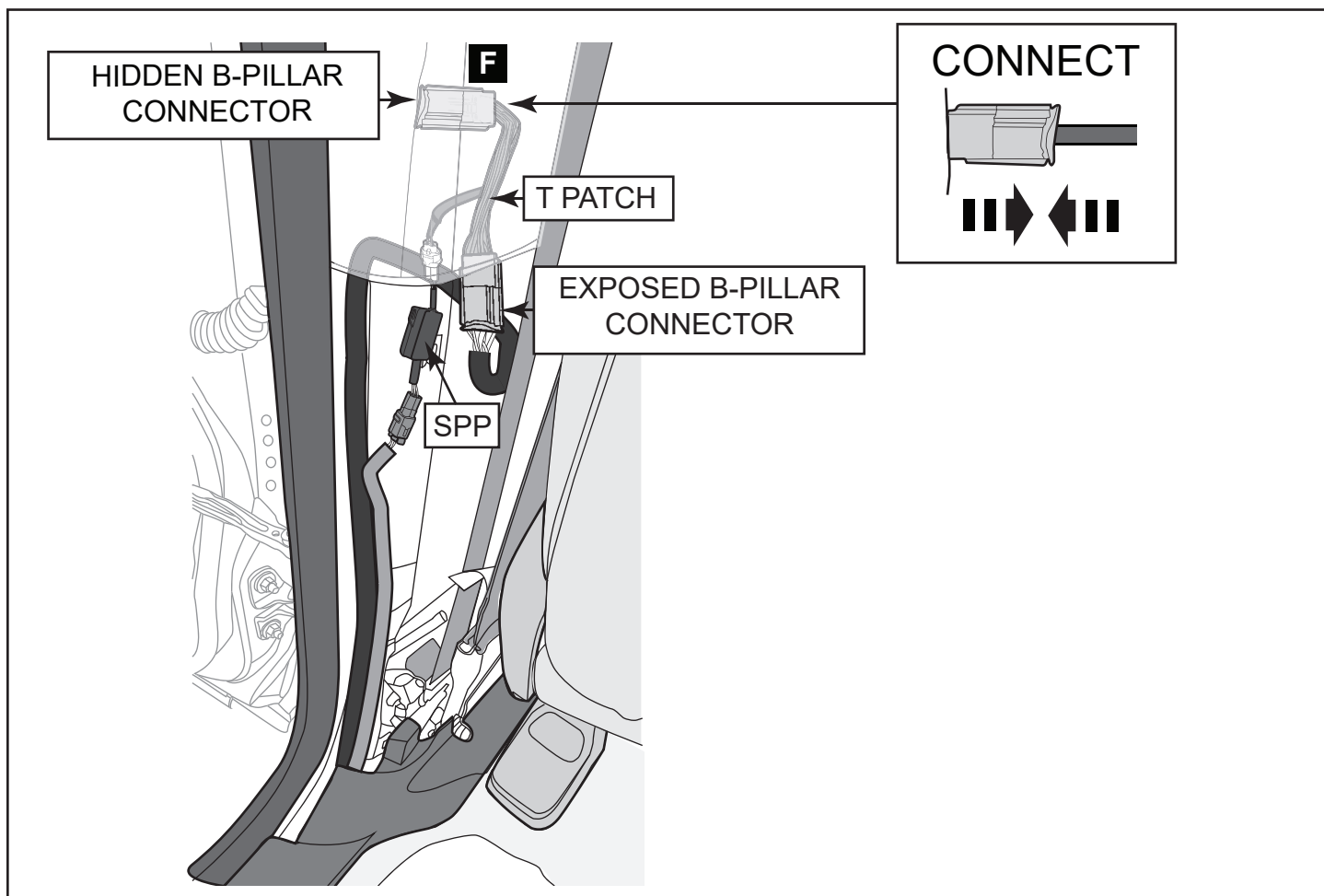
DISCONNECT



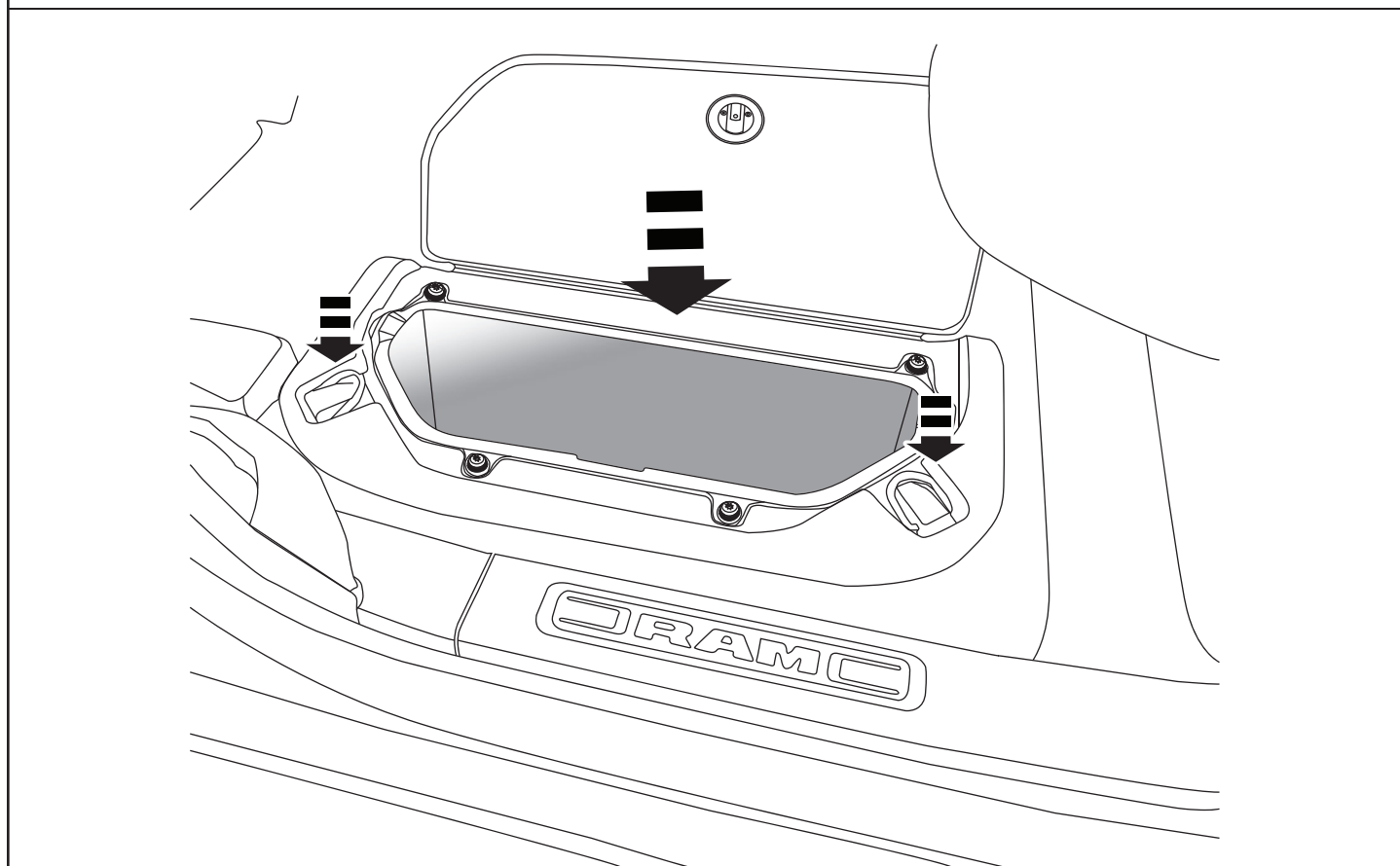
19 Unplug the vehicle harness inside the B-pillar (top part hidden behind panel).



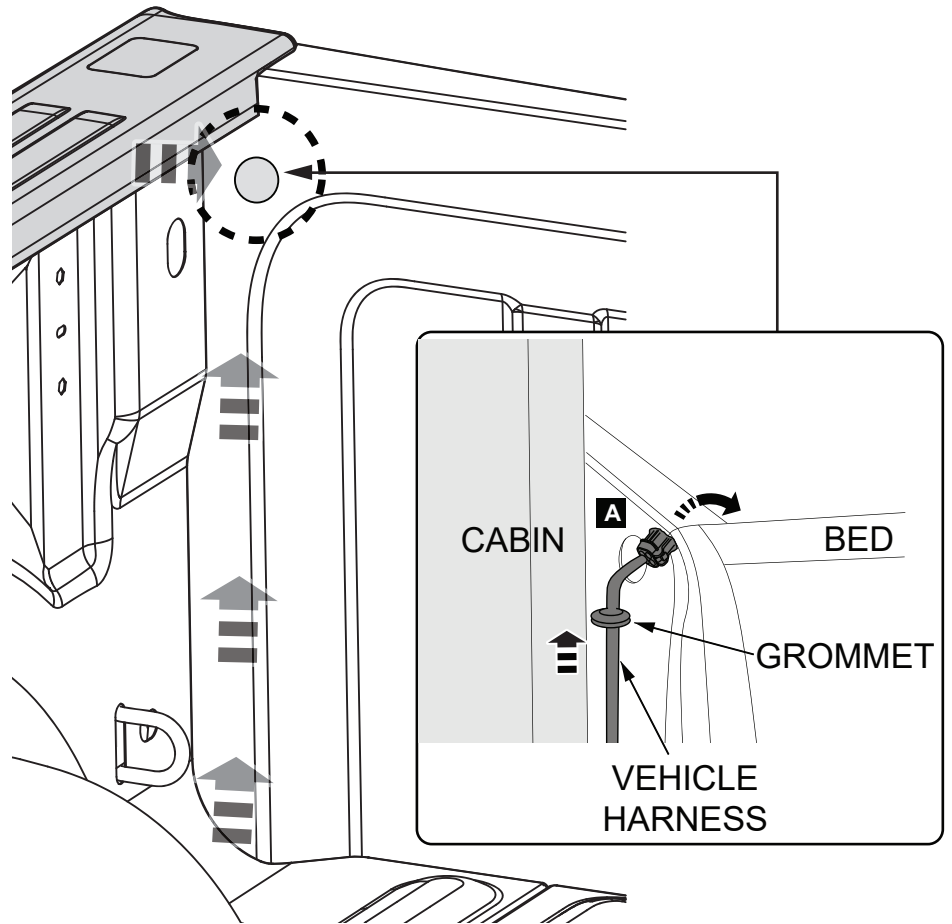
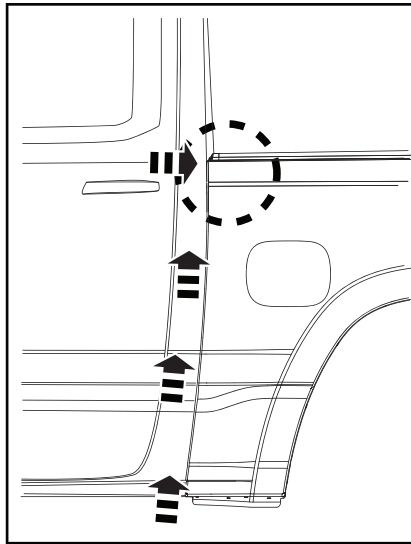
20 Connect T-Patch and the SPP unit as shown.



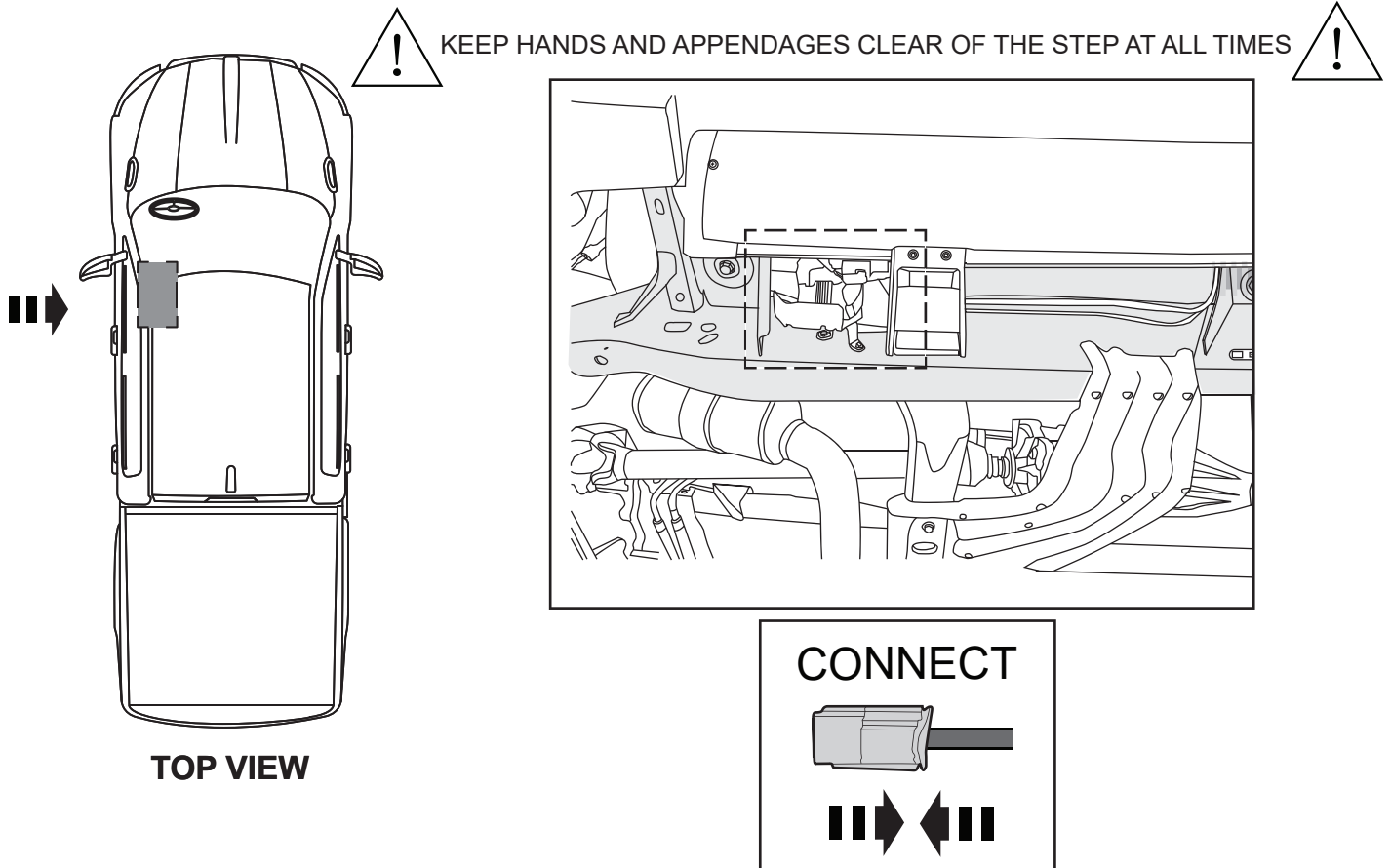
- 21** Connect T Patch to Hidden B-pillar connector. Ensure cables are secured safely away from the seat belt mechanism. Ensure cables are securely fastened to pre-existing wiring and secure points. Replace the B pillar trim panel.



- 22** Re-fit carpet connectors. Re-fit scuff plate and upper B-pillar trim panel. Re-fit floor box assembly.



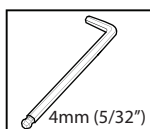
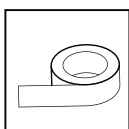
- 23** Run the rear most end of the Vehicle Harness (Connector A) up in between the cab and the bed up to the hole. Pull Vehicle Harness and Connector A through hole and ensure grommet fits and seals hole.



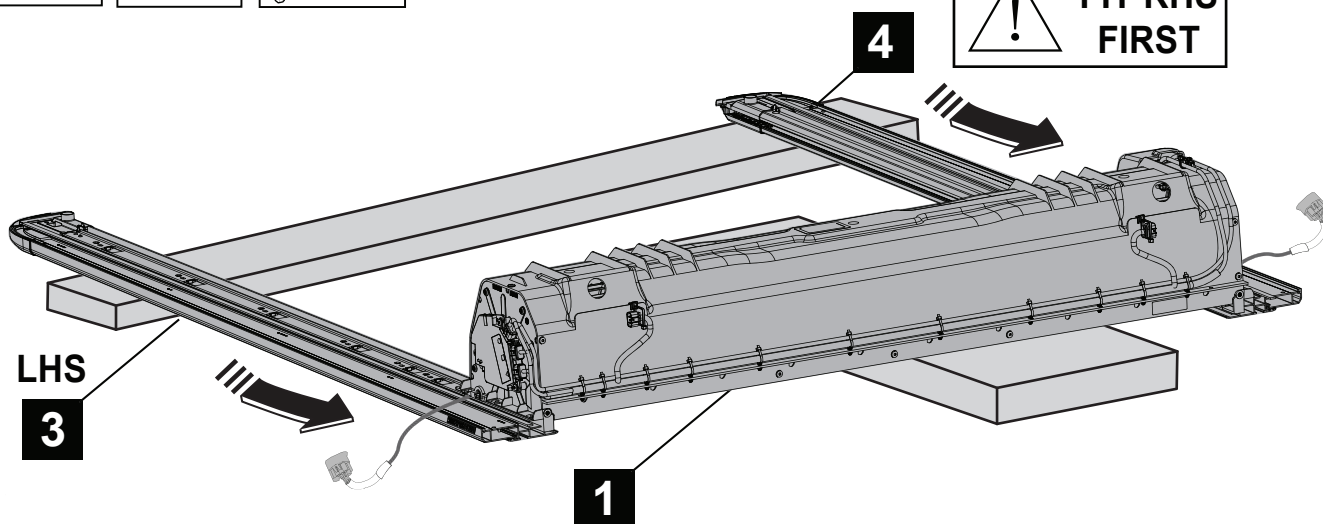
- 24** Close all doors. Ensure to wait 10 seconds before going under the vehicle. Keep hands and appendages clear of the step at ALL times. Failure to comply may result in serious injury. Plug previously disconnected step motor connector.



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.
DO NOT LOAD ELECTRICAL CONNECTORS OR MOTOR COVER.



! FIT RHS FIRST



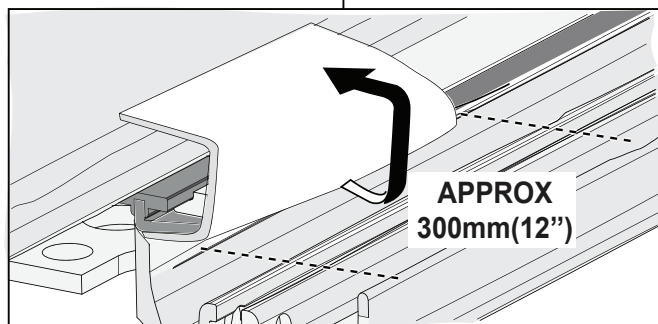
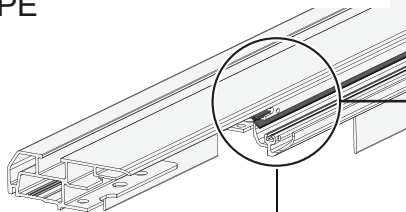
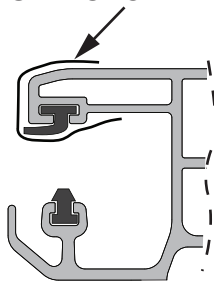
1



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

HOLD SEAL FLAT
USE CLOTH TAPE

RHS SHOWN



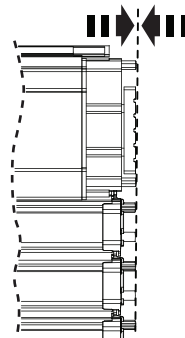
2



ATTENTION: EXPOSE 3 SLATS PRIOR TO FITTING SIDE RAILS.



ENSURE ENDS ARE
ALIGNED

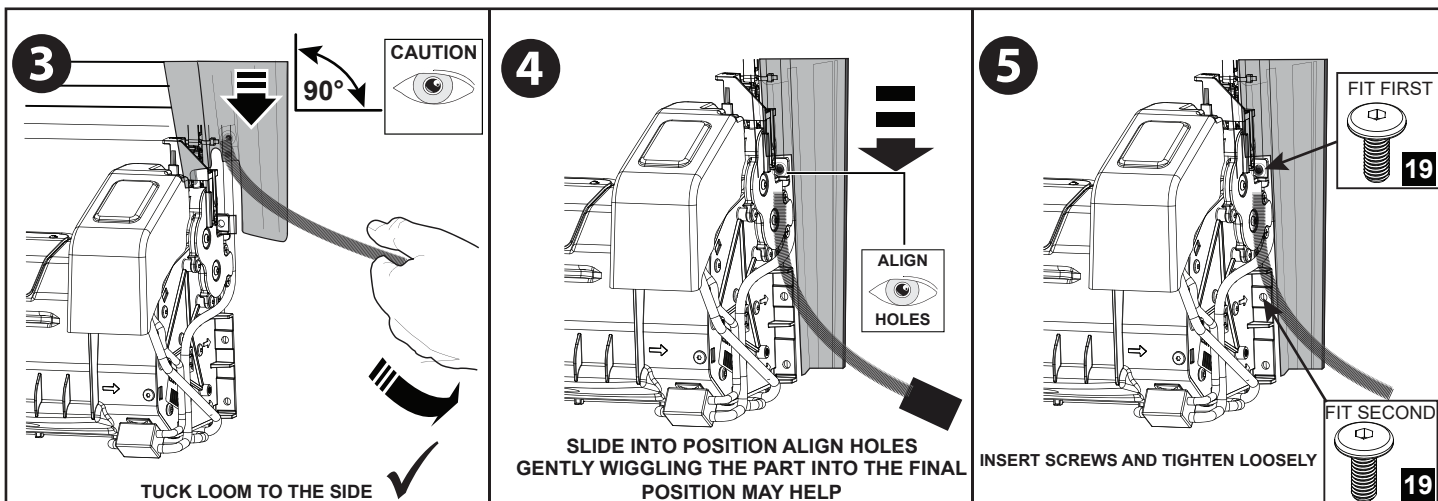


ATTENTION: WIPE THE SEAL AND SIDE RAIL WITH WAX & GREASE REMOVAL TO ENSURE THE CLOTH TAPE WILL ADHERE TO THE SIDE RAIL AND SEAL

1

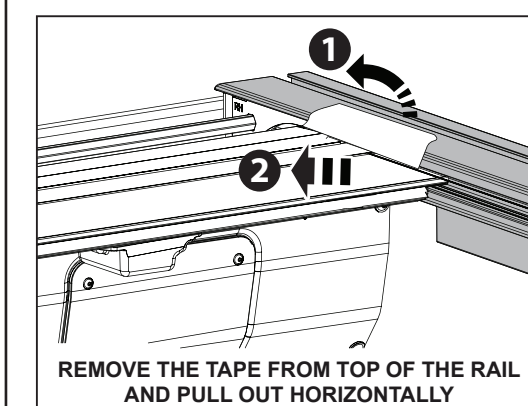
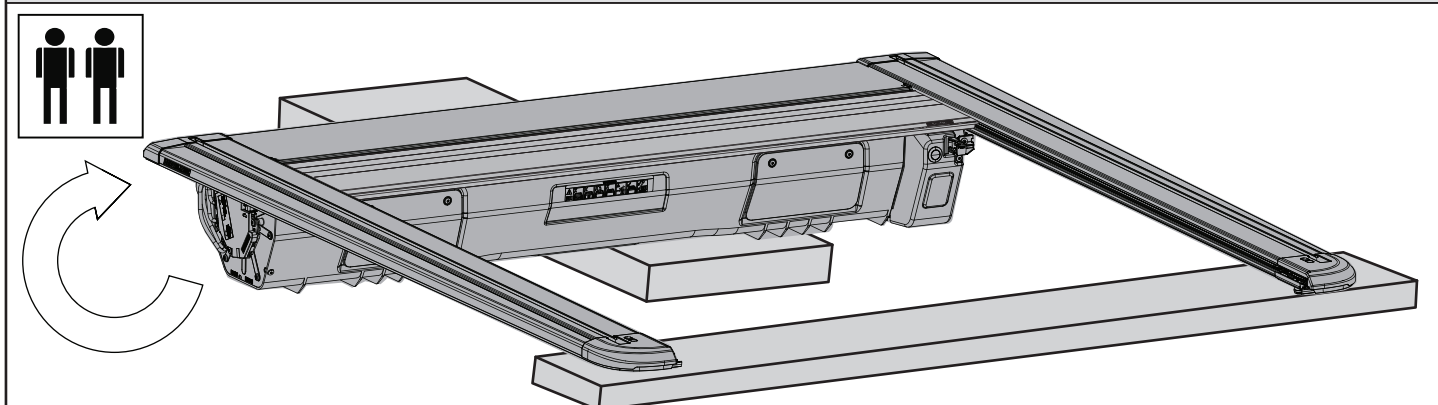
Place the canister (1) on two protected boxes as shown, ensure hand rail and slat ends are aligned. Tape up the seal on the Side Rail (3) as shown.

IMPORTANT: Carefully align and slide the rail over the handrail contact 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.

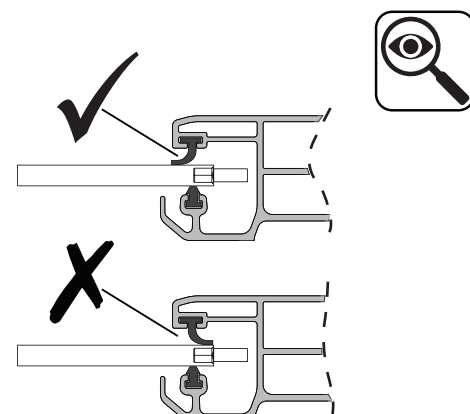
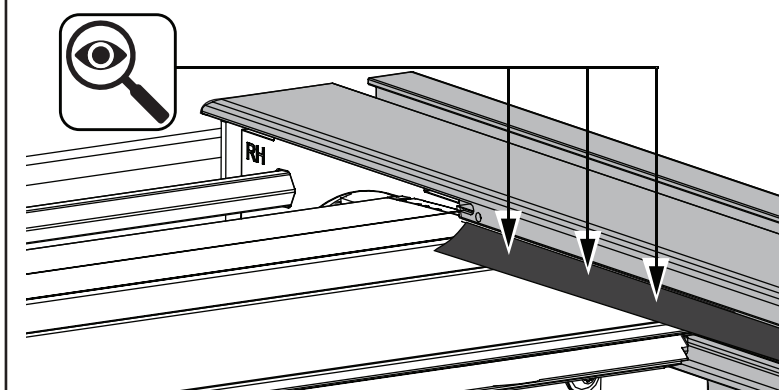


2 Pull hand rail to expose 3 slats. Slide the RHS Rail over slat ends and onto endcap location pins. Align the holes and secure loosely with two screws (19). Do not tighten. Repeat for LHS Rail (4).

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.

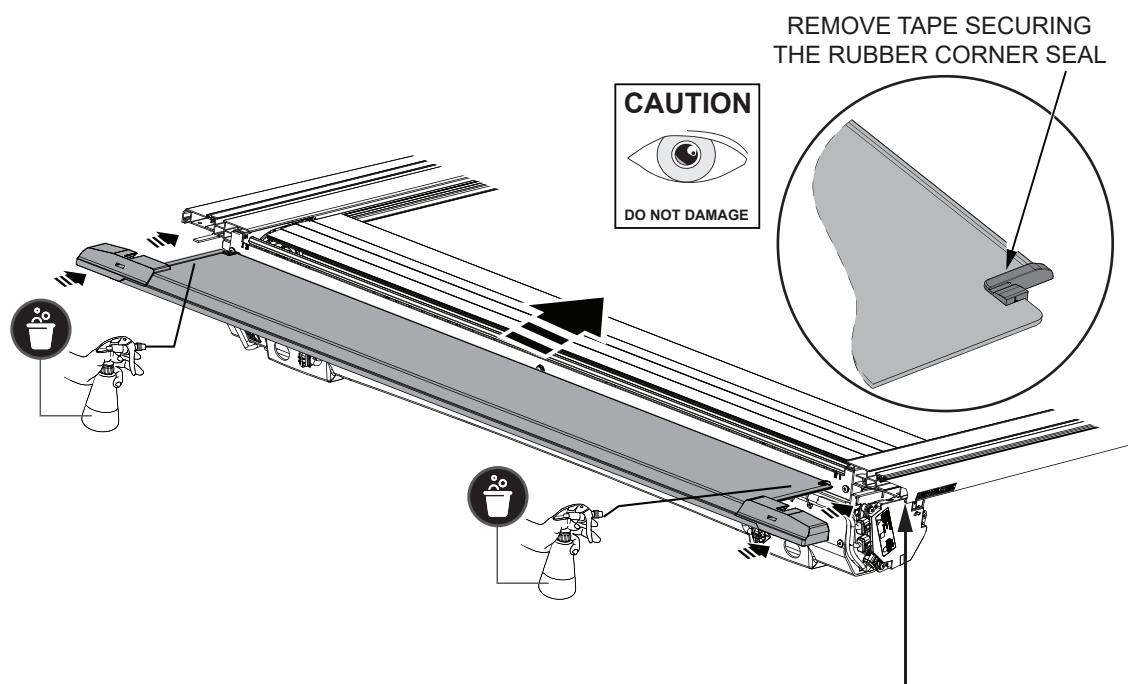


ATTENTION: SEAL MUST FACE IN THE DIRECTION AS SHOWN. WARRANTY VOID IF ASSEMBLED INCORRECTLY.

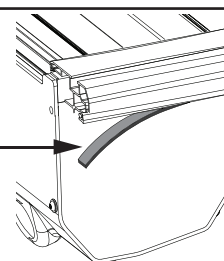


CHECK SEAL IS IN POSITION AND NOT DAMAGED

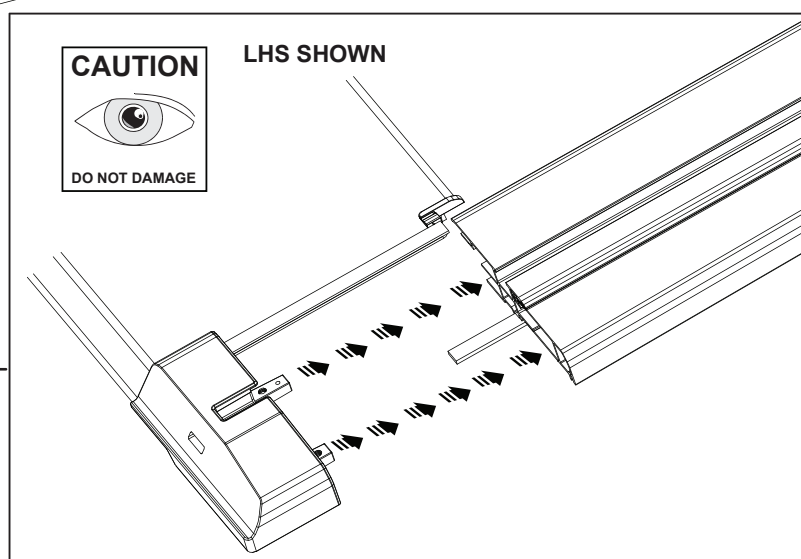
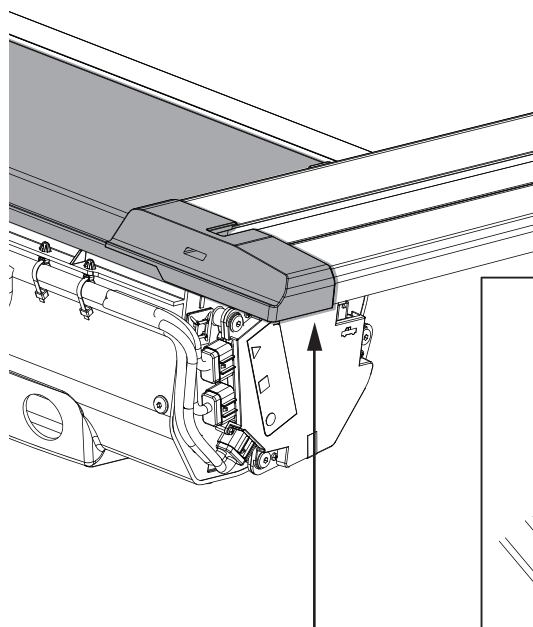
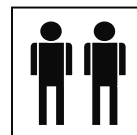
3 Carefully lay the assembly over onto a protected surface. Remove the tape holding the rubber seal and check the seal position as shown. Repeat for LHS Rail.



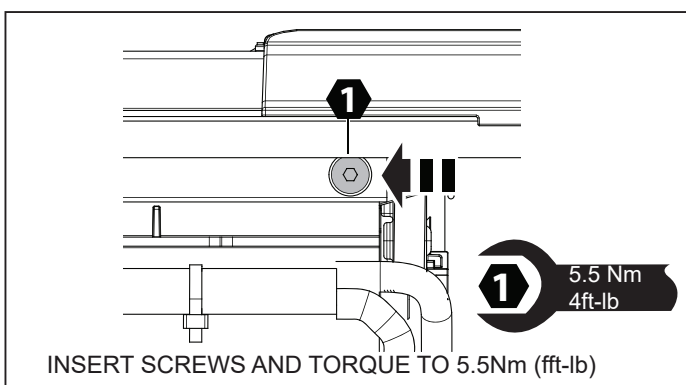
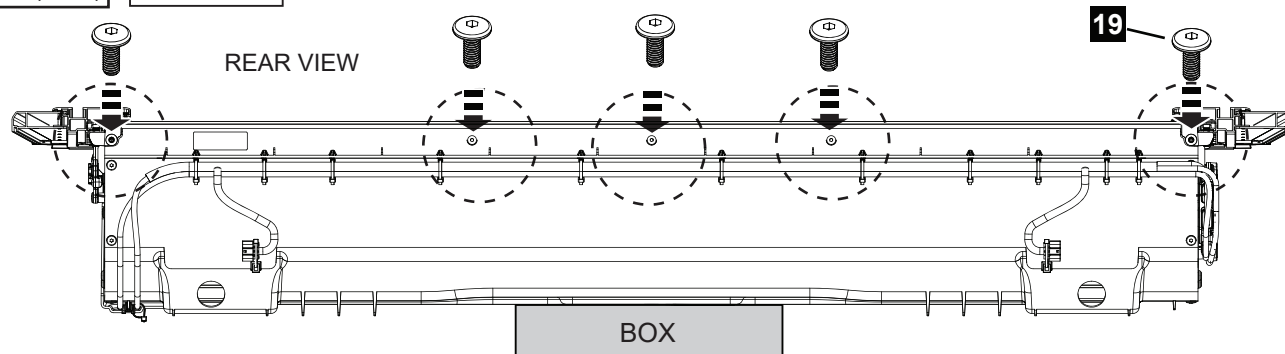
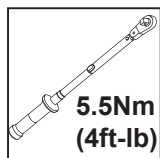
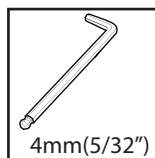
ATTENTION: Remove foam tape end from the side rail before fitting into front cover



- 4** 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.

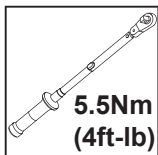
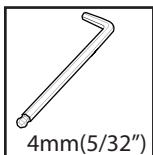


- 5** While sliding the front cover ensure the cast connectors are align.

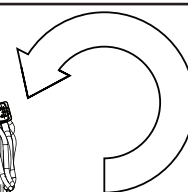
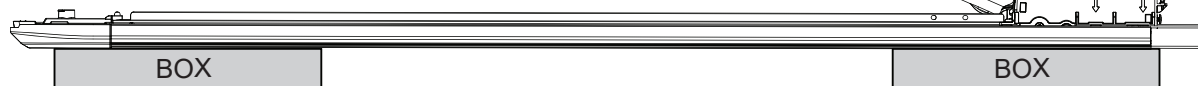


6

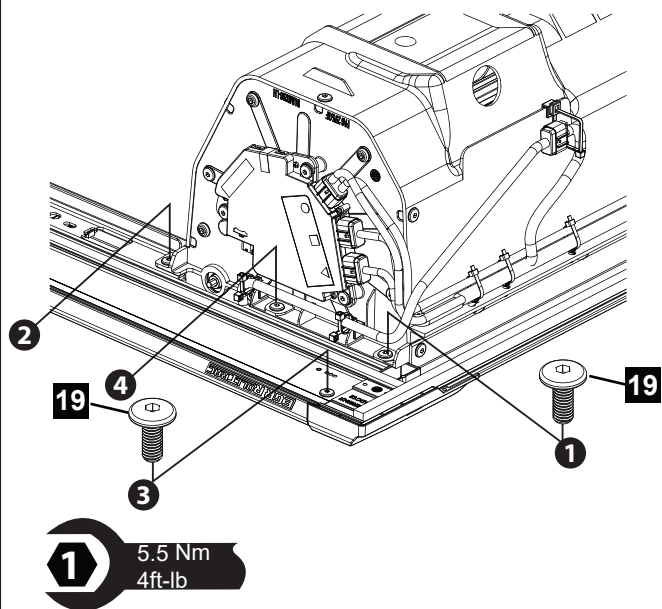
Using 5 screws (19), secure the Front Plate (2) to the Canister Assembly (1) and torque to 5.5Nm (4ft-lb).



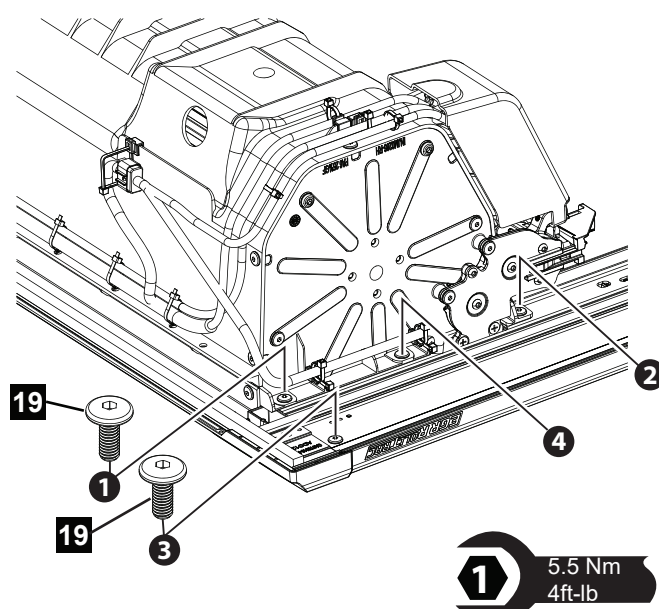
SIDE VIEW



LHS

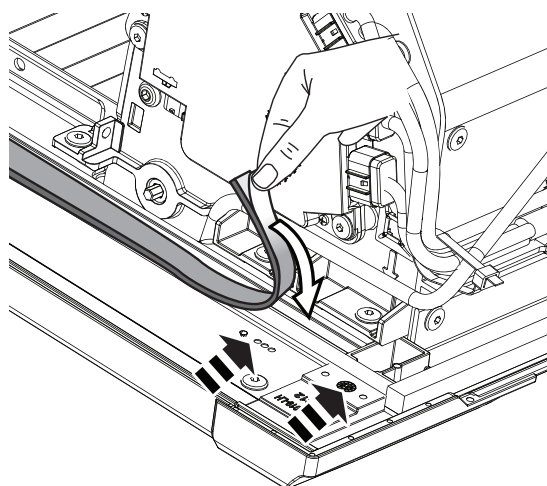


RHS

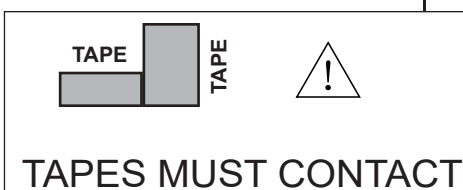
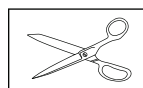
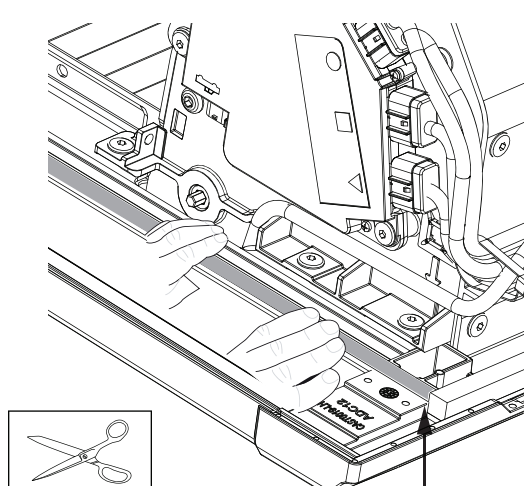


- 7** Carefully flip the assembly over onto a flat protected surface which will not damage the cover or scratch the paint work. Install the 2 screws (19) on each side through the canister and side rail into front cover. Torque all screws in order shown to 5.5Nm (4ft-lb).

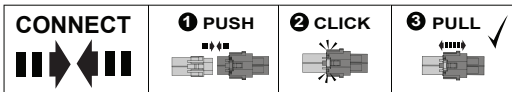
LHS SHOWN - RHS IS A MIRROR IMAGE



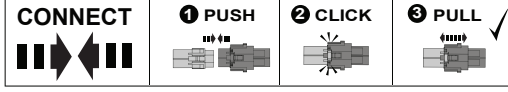
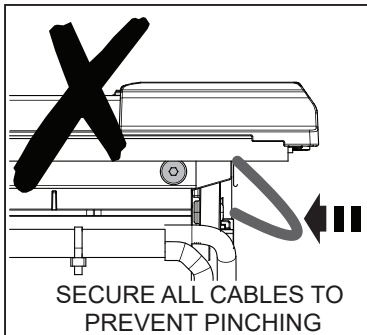
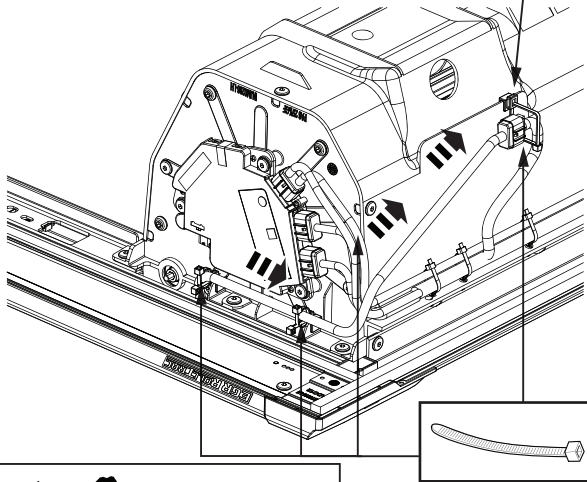
CLEAN WITH
ALCOHOL FIRST



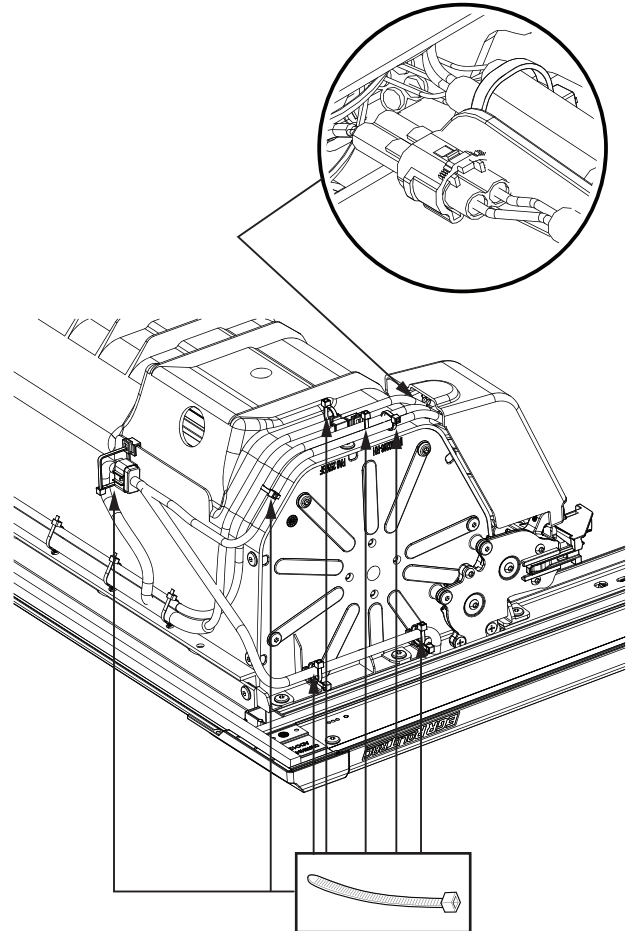
- 8** Clean powder coated surface first with alcohol spray. Trim foam tape length to ensure the end will butt against front cover seal - avoiding any gap. Peel the protective liner from the foam tape, adhere to the channel in the side rail, Press down firmly to secure. Repeat on RH side rail.



LHS

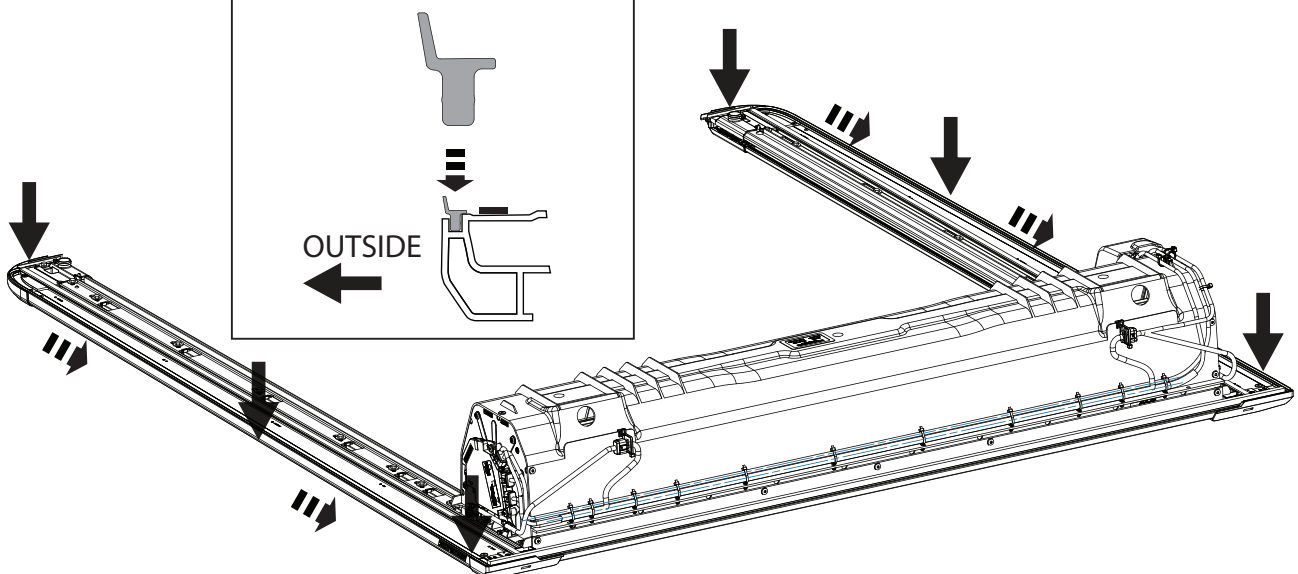


RHS



- 10** Connect side rail harness connectors to the connectors on the canister on the LHS and RHS. Connect the lamp connector as shown next to the motor on the RHS. Secure the harness to the canister using cable ties and pads as shown. Ensure all cables are retained to prevent pinching during installation.

**INSTALL RUBBER SEAL
IN SIDE RAILS**

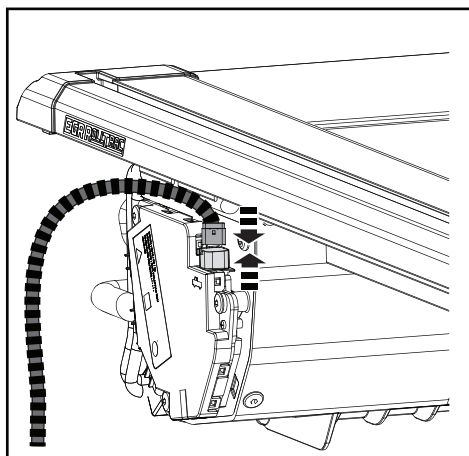
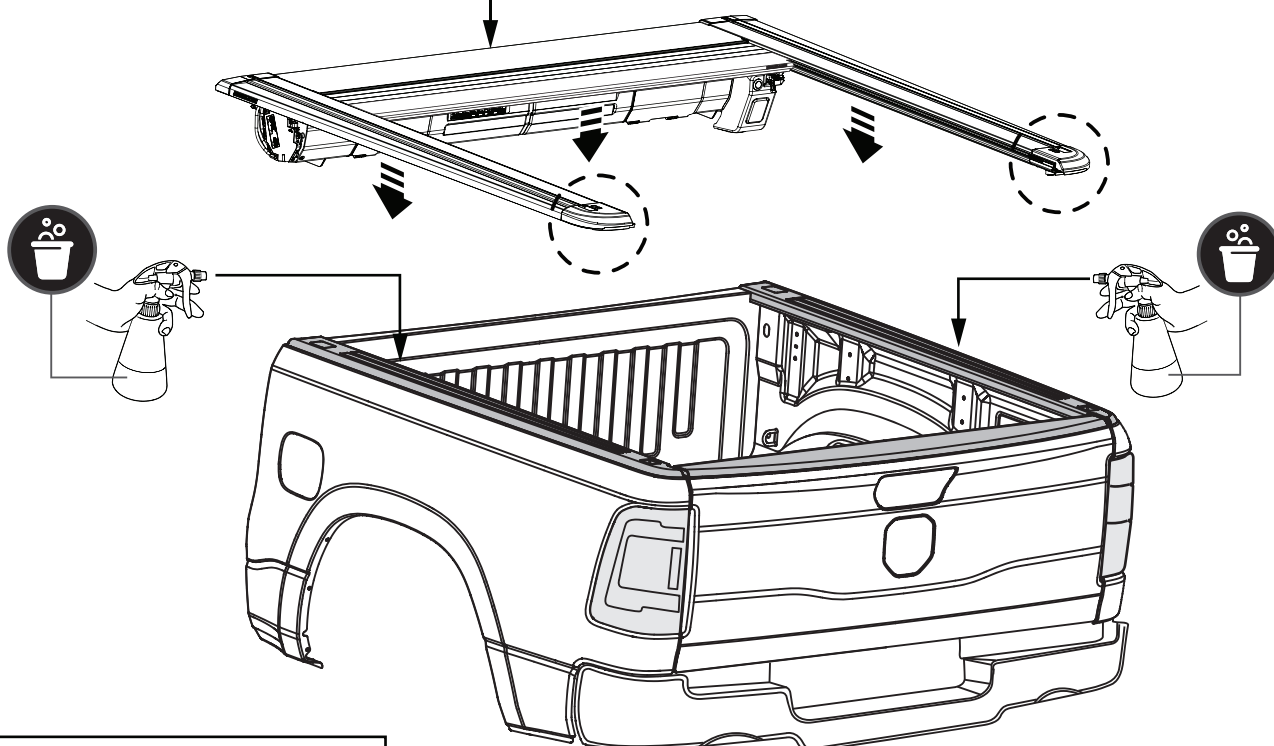
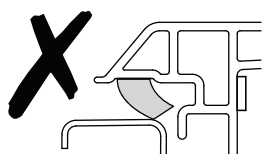
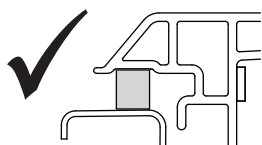


- 11** Install the Rubber Perimeter Seal (26) into each side rail and ensure seal is firmly seated (note the seal orientation). **Important:** do not stretch the seal while fitting.



HEAVY

FRONT SEAL



CONNECT



1 PUSH



2 CLICK

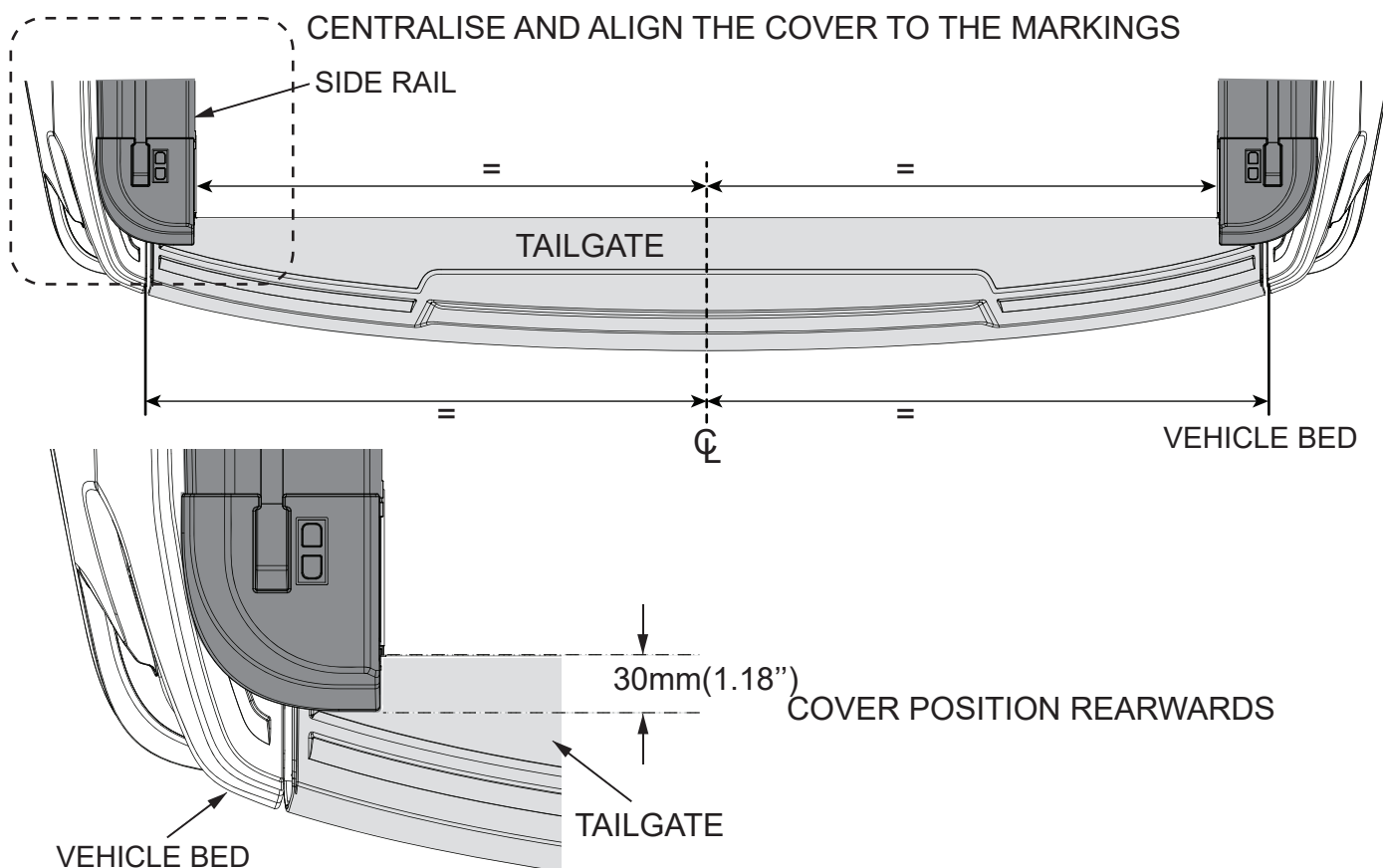


3 PULL

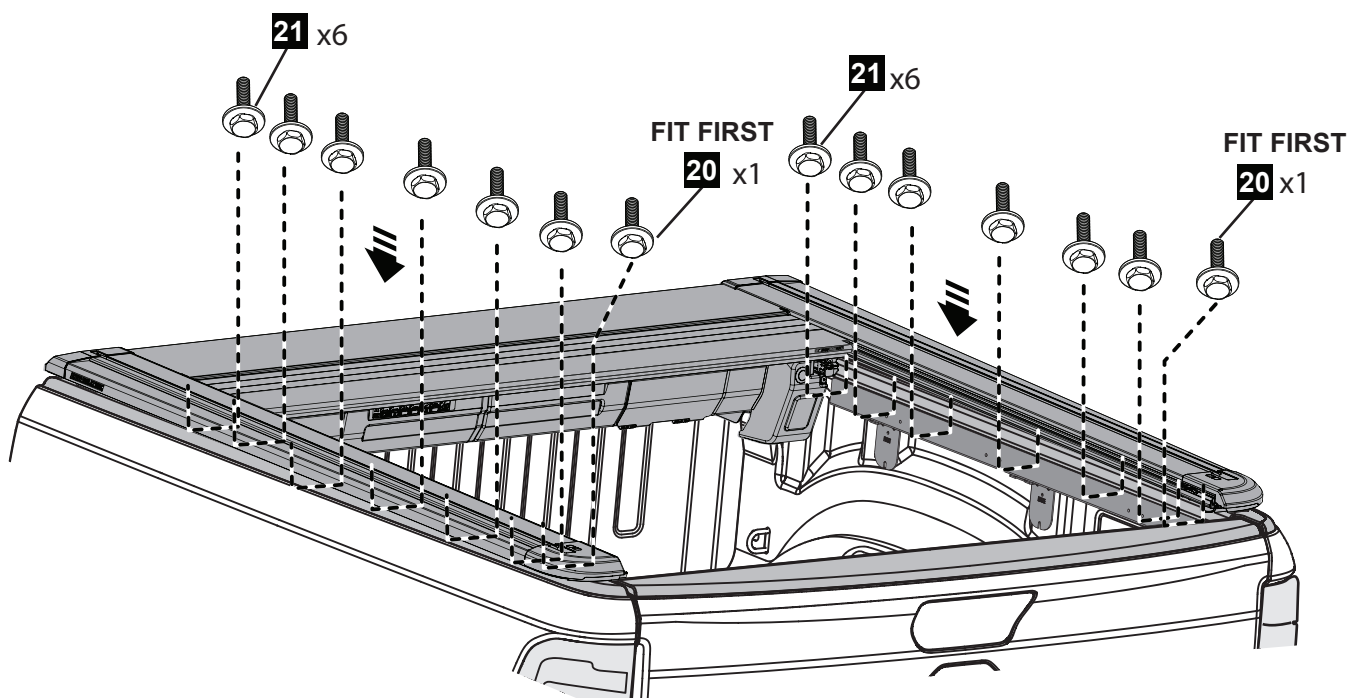
PULL THE CONNECTORS
NOT THE CABLE

1

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



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

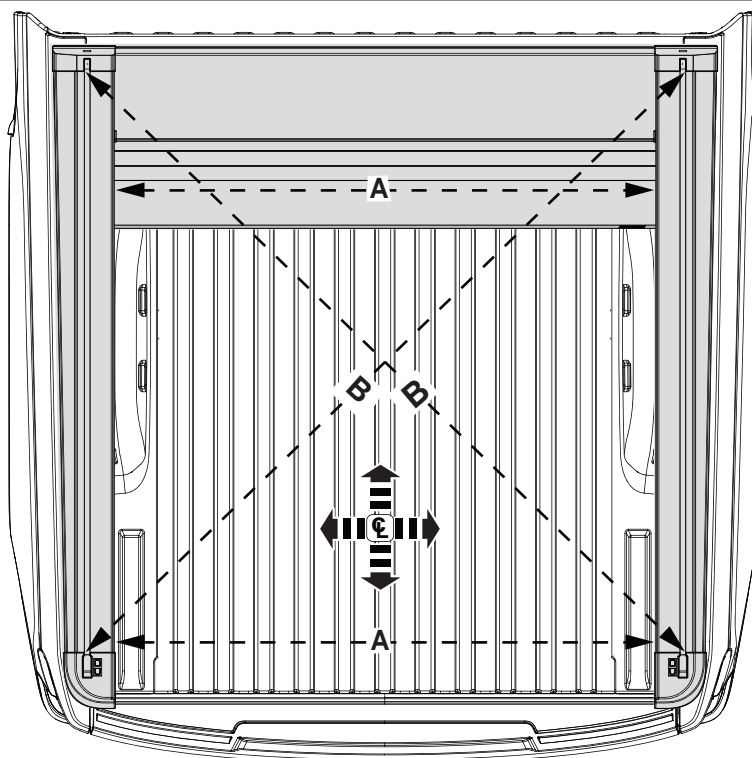


- 3** Assemble the Rolltrac side rail to the mount extrusion with screws on each side as shown, tighten loosely. Inside the side rails line up sliding nut plates before fitting screws.

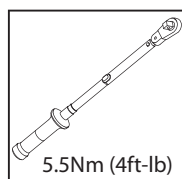
PERFORM FITMENT CHECK



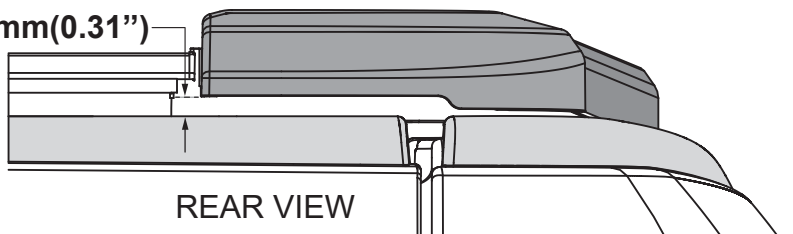
A = A B = B



- 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.



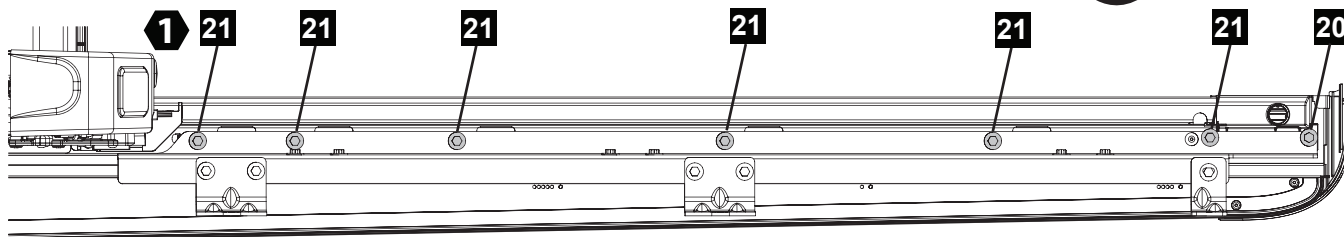
8mm(0.31")



REAR VIEW

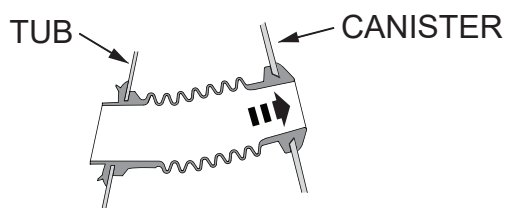
VIEW UNDER THE SIDE RAIL RHS (TUB NOT SHOWN FOR CLARITY)

1 5.5 Nm 4ft-lb TORQUE FIRST

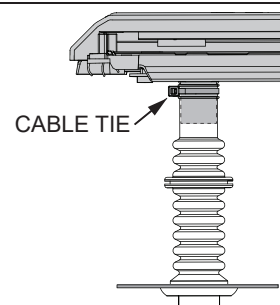


- 5** Working from RHS to LHS (to avoid one side lifting up) torque all screws (21)&(20) to 5.5Nm(4ft-lb). Perform final fitment check as per step 4. **IMPORTANT:** Check the clearance between rear corner casting and top of tailgate, target is 8mm.(0.31") Open and close the tailgate to check function of seal (makes contact with tailgate and does not over compress) if position requires adjustment refer to steps 12-14 (section A).

CONNECT FRONT DRAIN TUBES TO CANISTER



FIT REAR DRAIN TUBES TO SIDE RAILS

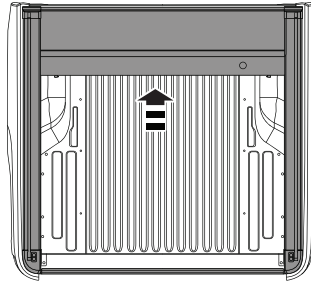
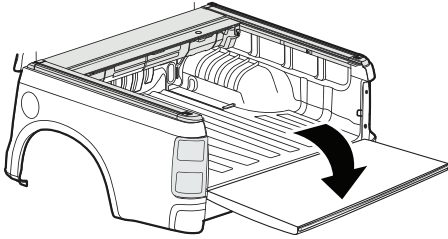


- 6** Connect the front drain tubes to the canister. Connect the rear drain tubes to side rails and secure with cable ties.

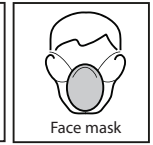
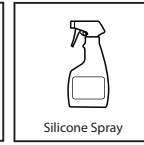
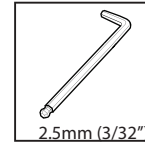
SILICONE LUBRICATION TO THE SPIRALS

(MODELS MAY VARY, IMAGES FOR REFERENCE ONLY)

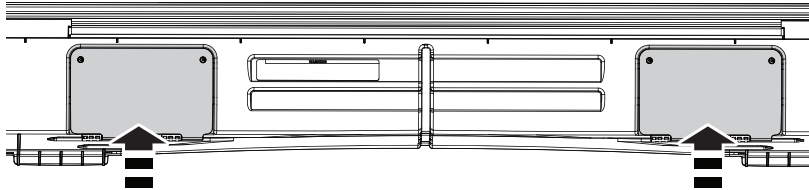
- 1** Open tailgate and EGR RollTrac



TOOLS REQUIRED:

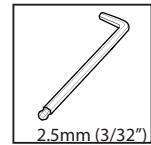


- 2** Using a 2.5mm(3/32")Allen Key remove the 4 screws and open the inspection covers.
WARNING: Keep clear of moving parts and avoid unnecessary operation of the EGR RollTrac while inspection covers are open.

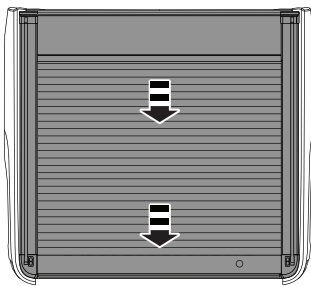


INSPECTION COVER

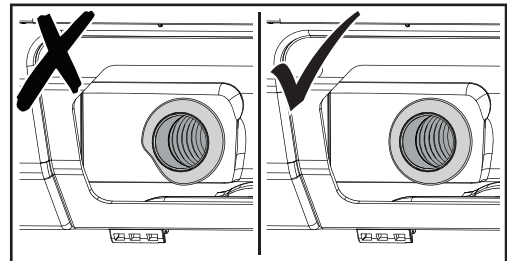
INSPECTION COVER



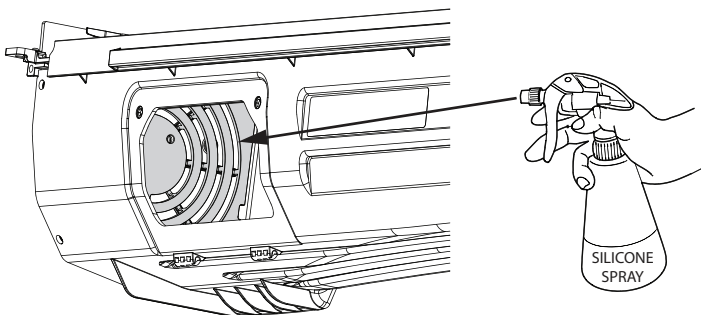
- 3** Close the EGR RollTrac to access canister internals



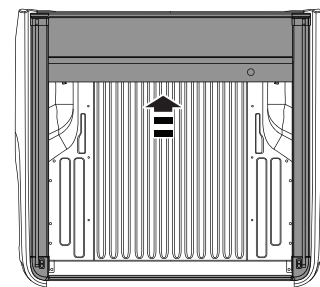
- 4** To avoid water leaks, look into the inspection points and check that the flanges of both front drain tubes are correctly engaged to the canister cover (without any kinking etc.), readjust if required.



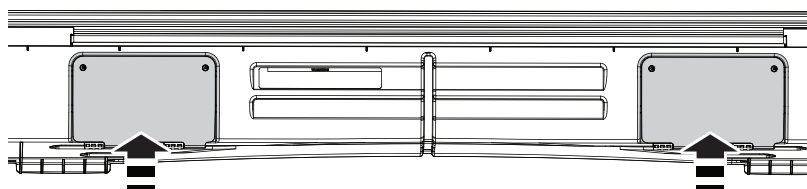
- 5** Using plastic compatible 100% Silicone Spray (ONLY) spray onto the spirals on both ends of the canister through the inspection points.



- 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.



INSPECTION COVER

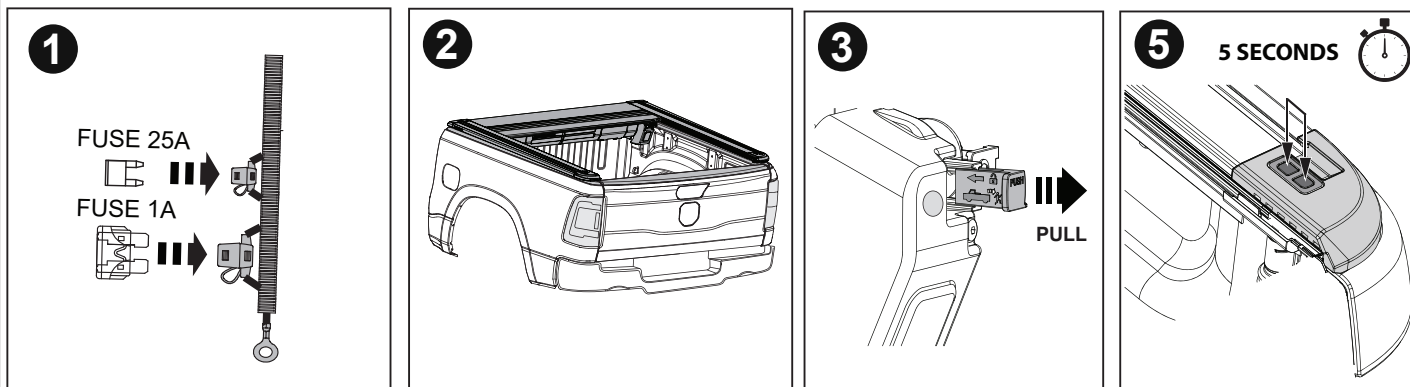
INSPECTION COVER



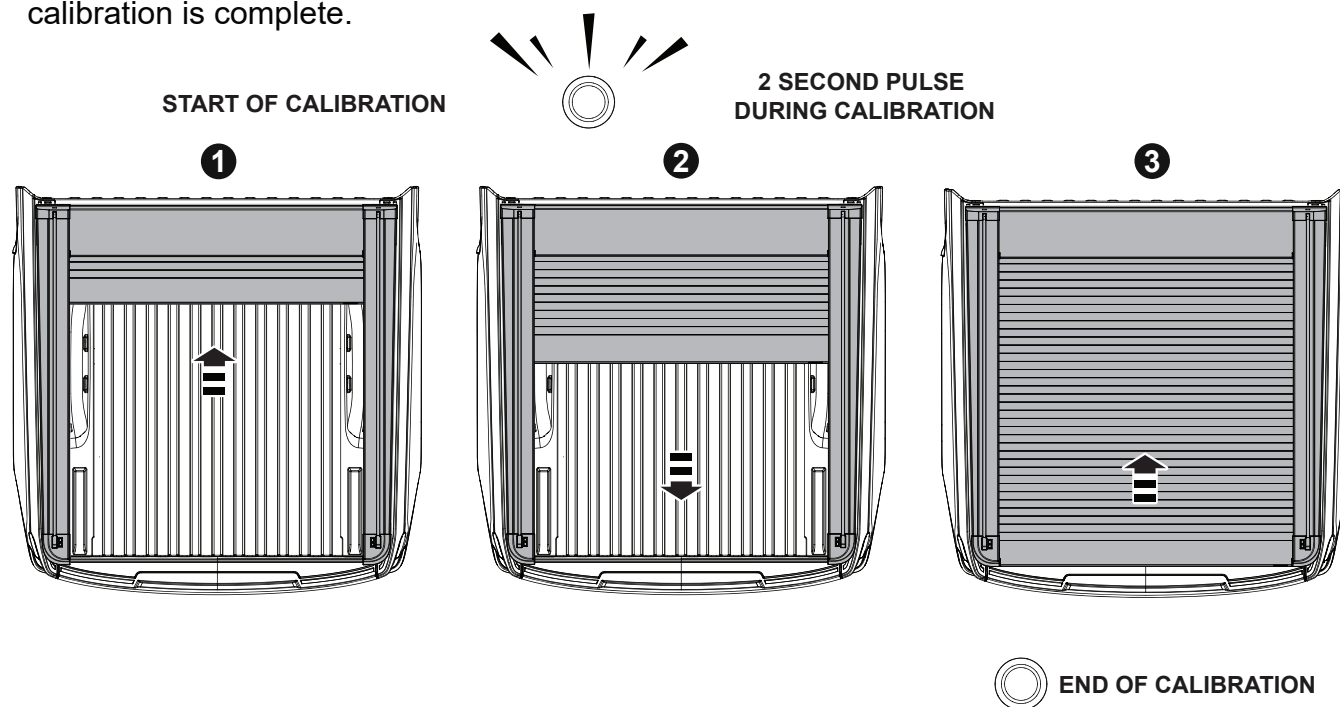
1. Insert fuse to EGR RollTrac harness.
2. Make sure the tailgate is closed.
3. Engage motor, pull out lever (clutch).
4. Make sure the vehicle is unlocked and driver door open.
5. Press both buttons and hold for 5 sec. until light illuminates.



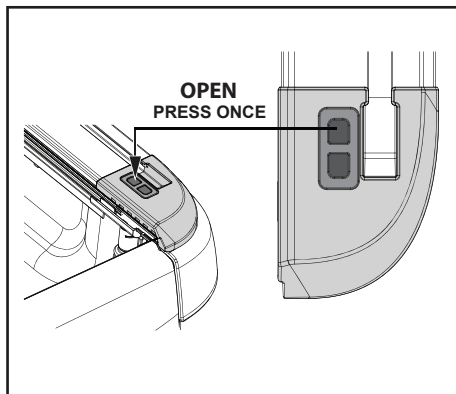
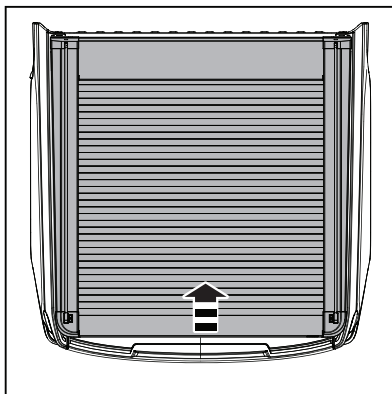
WARNING: Keep obstructions clear of cover during calibration mode



- Cover will OPEN and CLOSE once automatically.
- The EGR RollTrac internal LED light will pulse slowly during calibration and stop pulsing when calibration is complete.

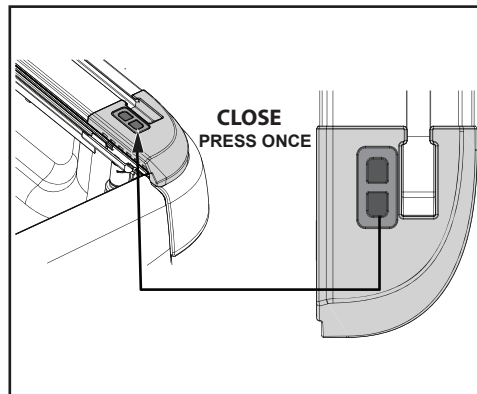
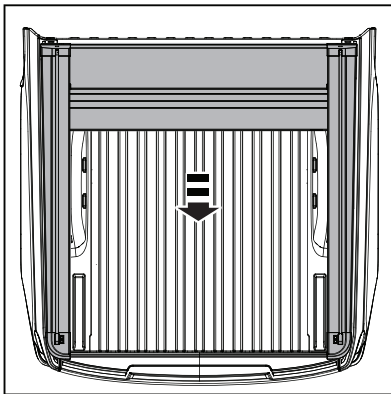


Electric Opening Procedure:



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

Electric Closing Procedure:



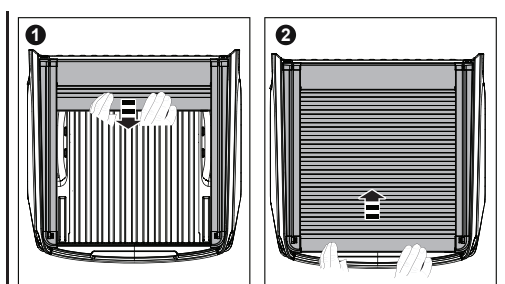
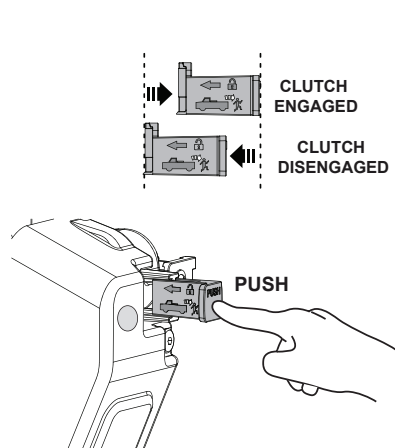
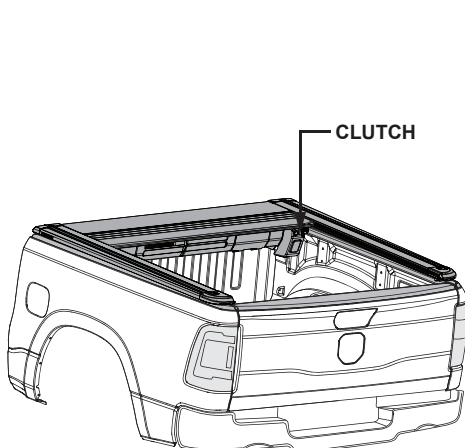
1. Press the rear button on the EGR RollTrac side rail as shown.

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.

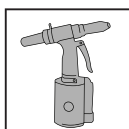
Manual Opening and Closing Procedure:

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.

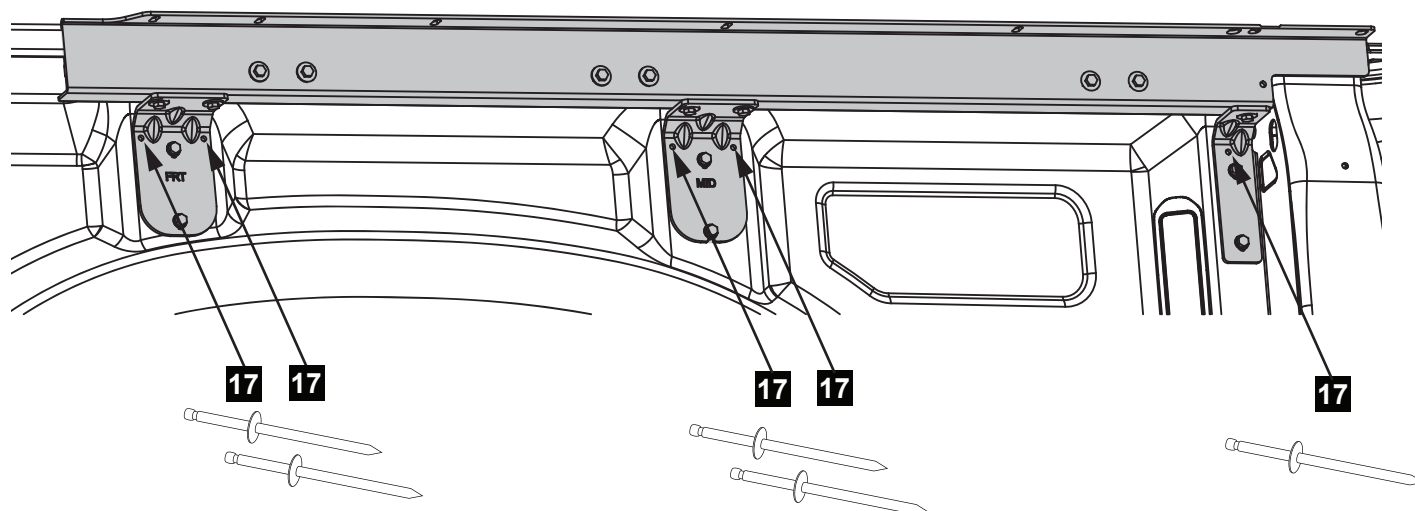
IMPORTANT: If clutch was disengaged, calibration procedure needs to be re-run prior to electric operation.



RIVETING SIDE BRACKETS



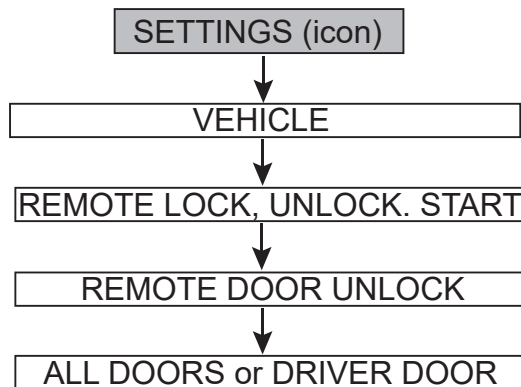
ROLLTRAC NOT SHOWN FOR CLARITY (RHS)



- 1 After running all fitment checks, confirming all functions and running calibration, drill the 5 hole locations using 5mm(13/64") drill bit. Secure the brackets with rivets as shown. Repeat for LHS.
NOTE: Apply rust inhibitor to drilled holes.

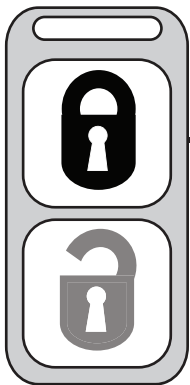
KEY FOB OPERATION

IMPORTANT: We recommend that you program your key fob to lock and unlock all doors using one click only. This function can be set on your infotainment screen using the vehicle system control function/setup:



LOCKING / AUTO CLOSE PROCEDURE

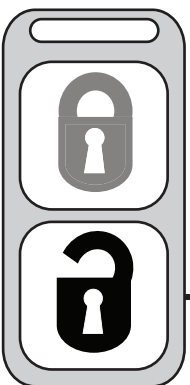
Key Fob



1. Press lock twice within 2 second, the vehicle will lock, if closed the RollTrac will lock, if open it will auto close.
2. To pause while in auto close motion, press lock once and the RollTrac will stop.
3. To resume auto close, press lock twice within 2 second.
4. When auto close is complete the RollTrac will auto lock.

UNLOCKING / AUTO OPEN PROCEDURE

Key Fob



1. Press unlock twice within 2 second, the vehicle will unlock and the RollTrac will auto open.
2. To pause while in auto open motion, press unlock button once and the RollTrac will stop.
3. To resume auto open, press unlock twice within 2 second.
4. When auto open is complete the RollTrac will remain open until operated by either the key fob or the RollTrac buttons.

NOTES

- If pause is activated by the fob whilst auto closing, the RollTrac can be closed and paused using the RollTrac close button. Reactivate both Rolltrac buttons by unlocking the vehicle.
- If the RollTrac is open and the lock button is only pressed once, the vehicle and the RollTrac will lock.