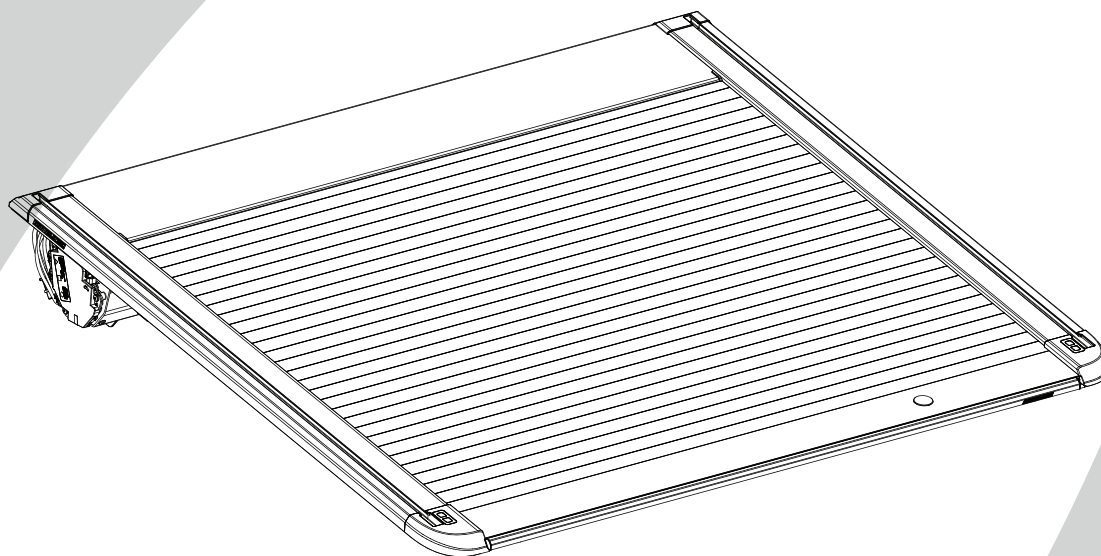


INSTALLATION INSTRUCTIONS

EGR ROLLTRAC

ELECTRIC

Vehicle Model: VW AMAROK
Year of manufacture: 2010-



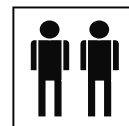
Installation time: 180 minutes (without tubliner)

Caution

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

General Notes

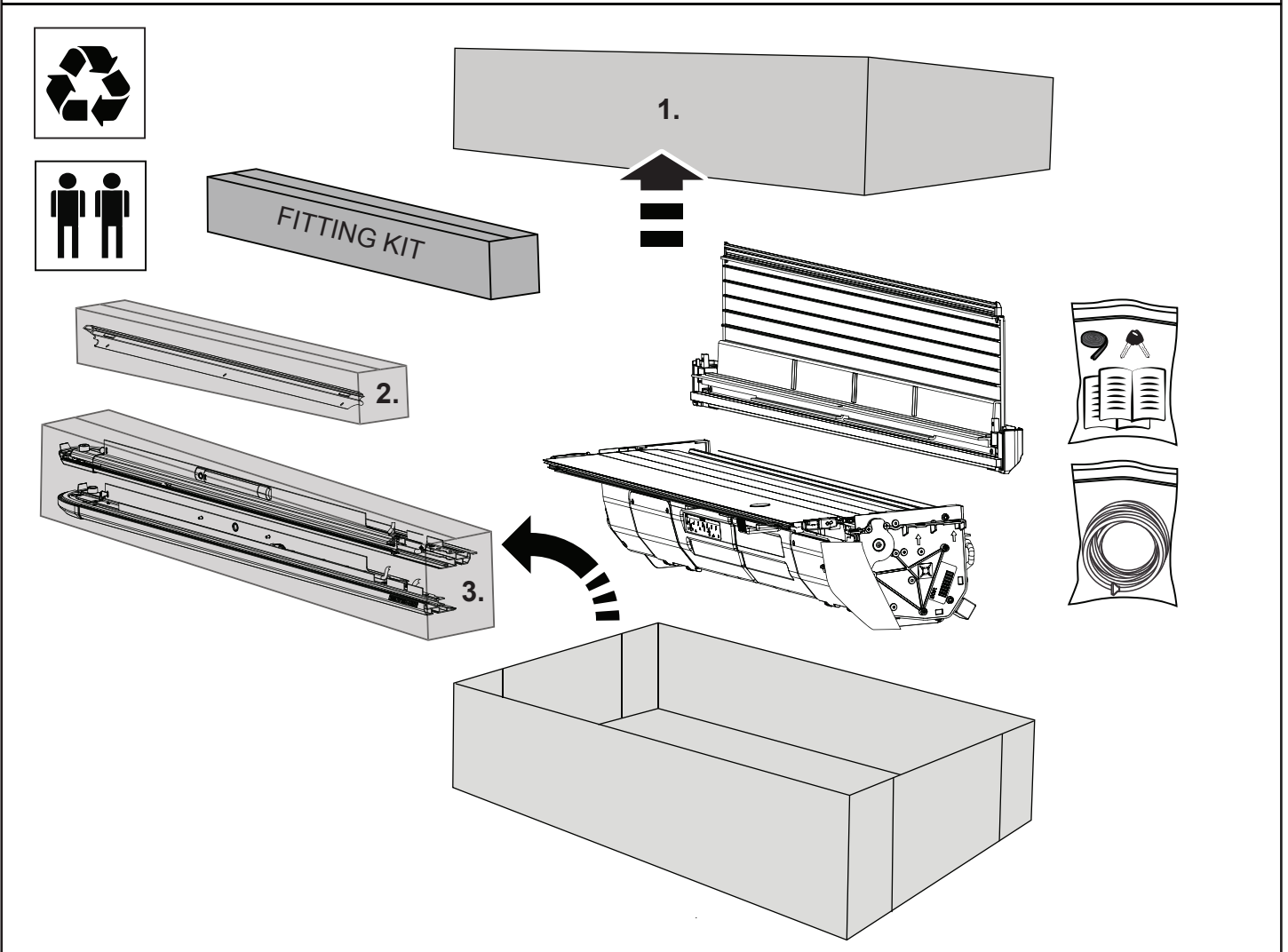
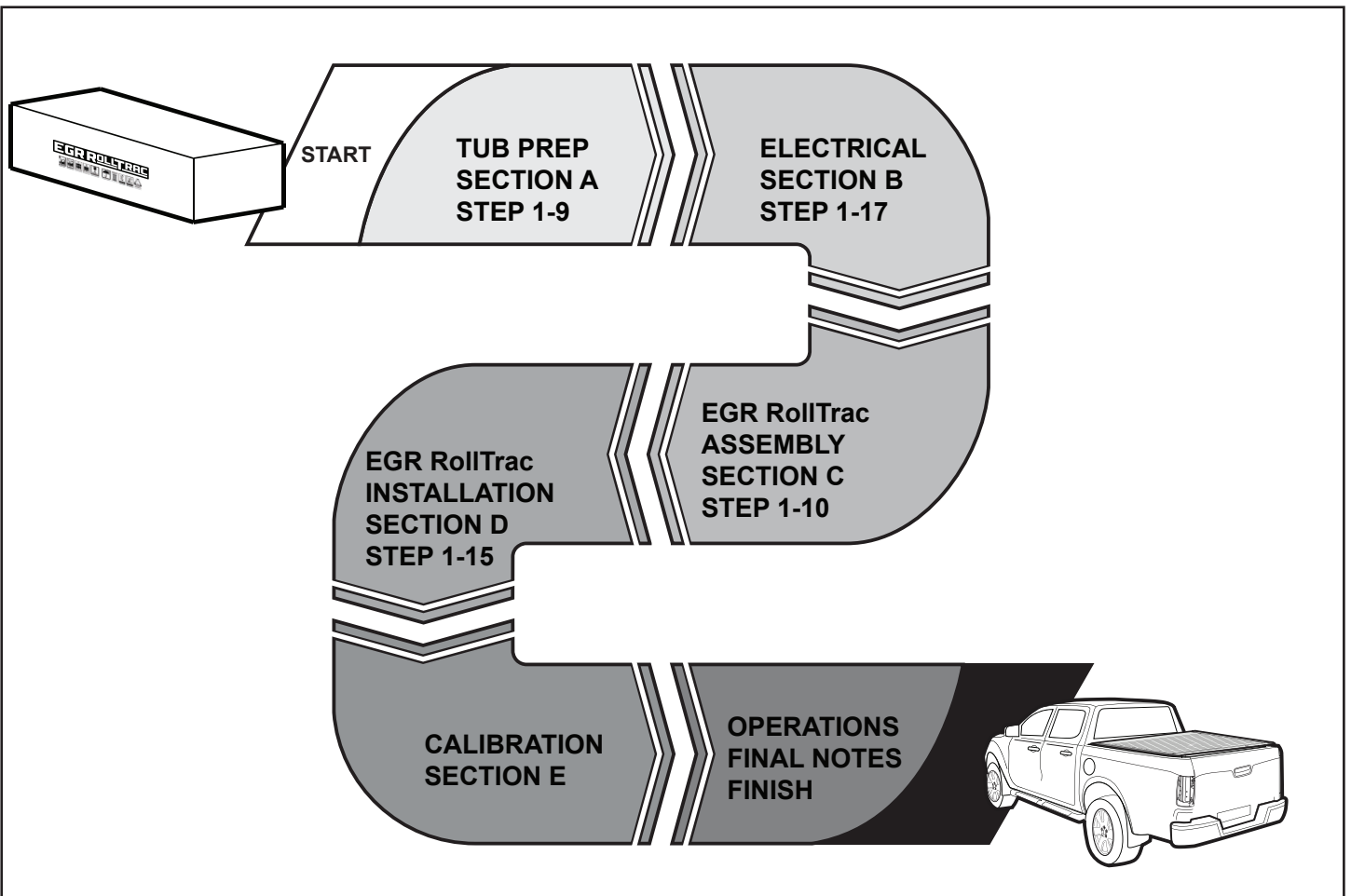
- Read through the fitting instructions before installation of EGR RollTrac.
- Always install the accessory following the fitting instructions. Failure to do so may cause damage to the vehicle or the accessory.
- Ensure all recyclable discarded vehicle accessory components and packaging are recycled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



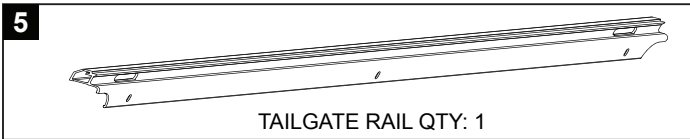
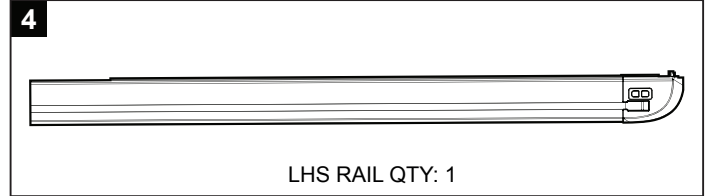
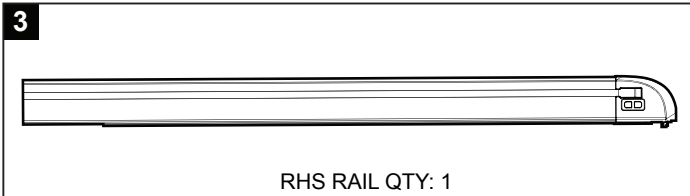
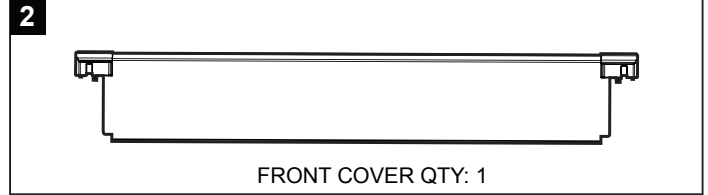
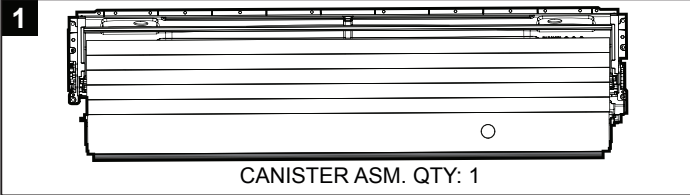
Safety Notes

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

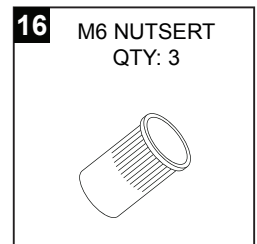
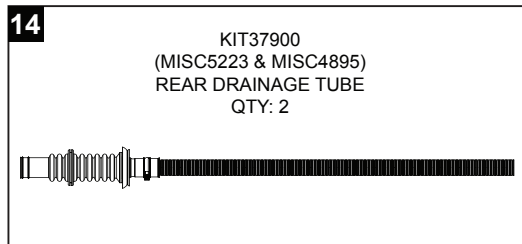
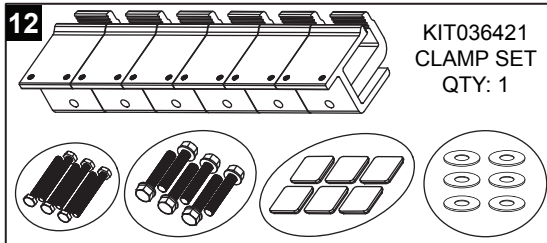
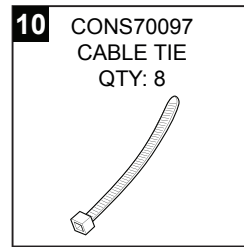
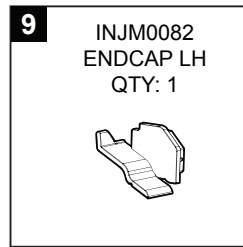
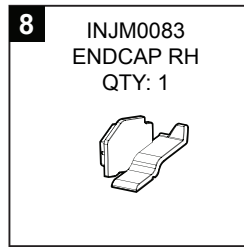
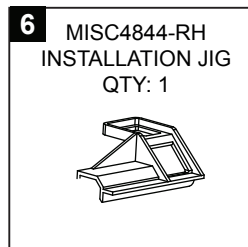




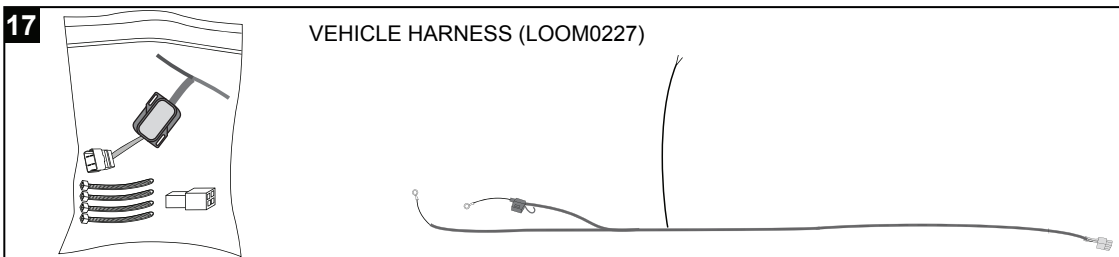
KIT CONTENTS - COMPONENT NUMBER AND QUANTITY



KIT036423 EGR ROLLTRAC FITTING KIT IN BOX

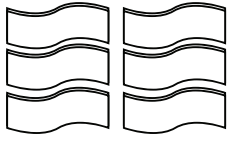


EGR ROLLTRAC FITTING KIT COMPONENTS IN BAGS

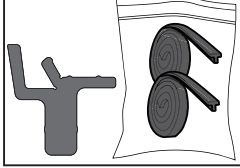


EGR ROLLTRAC FITTING KIT ADDITIONAL ITEMS

18 TAPE0698
TAPE 150X25MM
QTY: 6



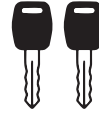
19 RUBBER
EXTRUSION
QTY: 2



20 GROMMET x6



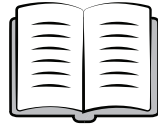
KEYS x2



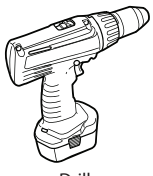
INSTALLATION
INSTRUCTIONS



OWNERS
MANUAL



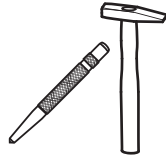
TOOLS REQUIRED - NOT SUPPLIED IN KIT



Drill



Holesaw

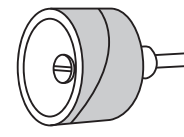


Centre Punch & Hammer

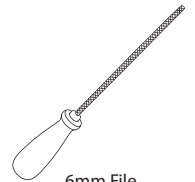


Drill Stop

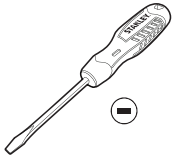
Drill Bits



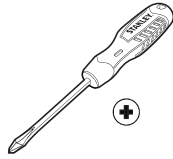
Bobbin Sander Ø60mm



6mm File



Flat Screwdriver



Phillips Screwdriver



Tape Measure



Scissors



Masking Tape
Fiberglass Tape
Black Cloth Tape



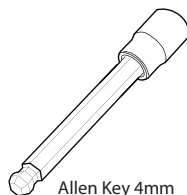
Non-permanent pen



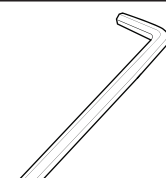
Spanners 8,10,13mm



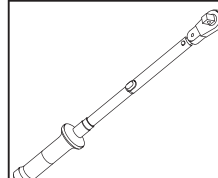
Ratchet & Sockets
7,10,13mm



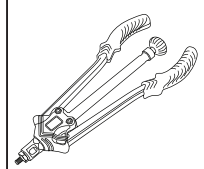
Allen Key 4mm



Allen Key 2.5&4mm



Torque Wrench



Nutsert Tool



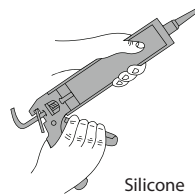
Soapy Water



50/50
Isopropyl Alcohol/Water



ANTI RUST
Rust Inhibitor



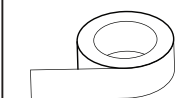
Silicone



Trim Removal Tool



Step Drill Ø9mm



Anti-abrasion tape to seal
holes & slots

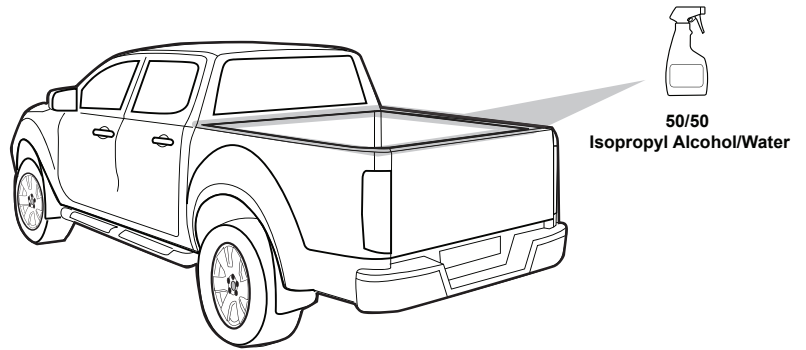
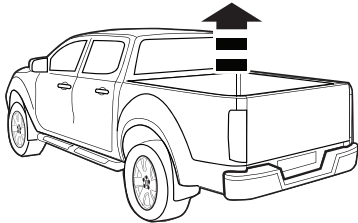
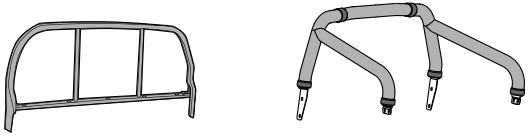


Silicone Spray

Cutting device
needed to trim
tubliner

GLOSSARY:

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



- 1 Carefully remove any accessories (Sports Bars, Cabin Guards, etc.) attached to the tub of the vehicle. Thoroughly wash the vehicle and tub and ensure that all dirt and grease is removed. Allow to dry. Clean the top surfaces of the tub and tailgate with a mixture of Isopropyl Alcohol and Water (50/50) and allow to dry.

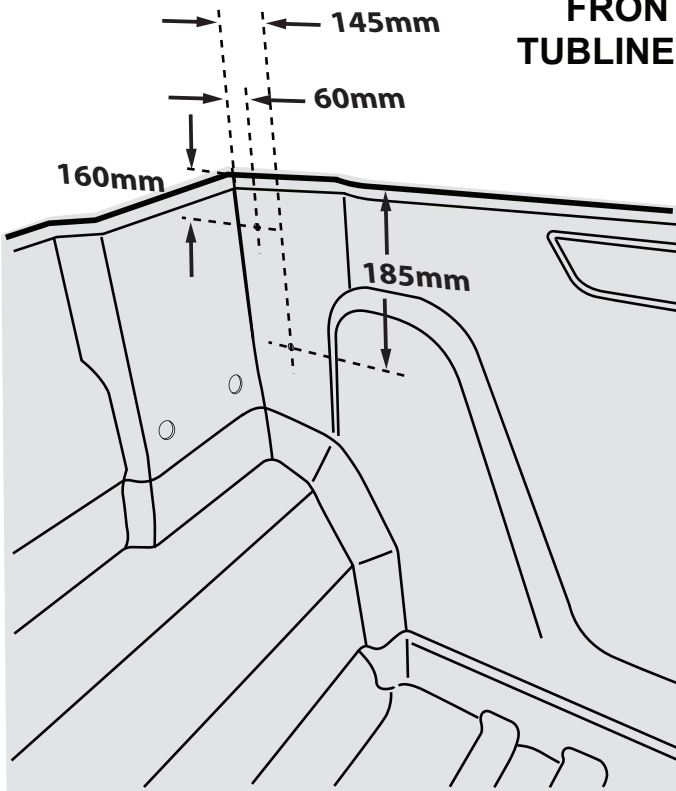
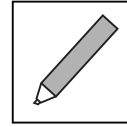
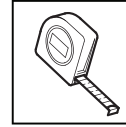
CONTINUE ON THE NEXT PAGE



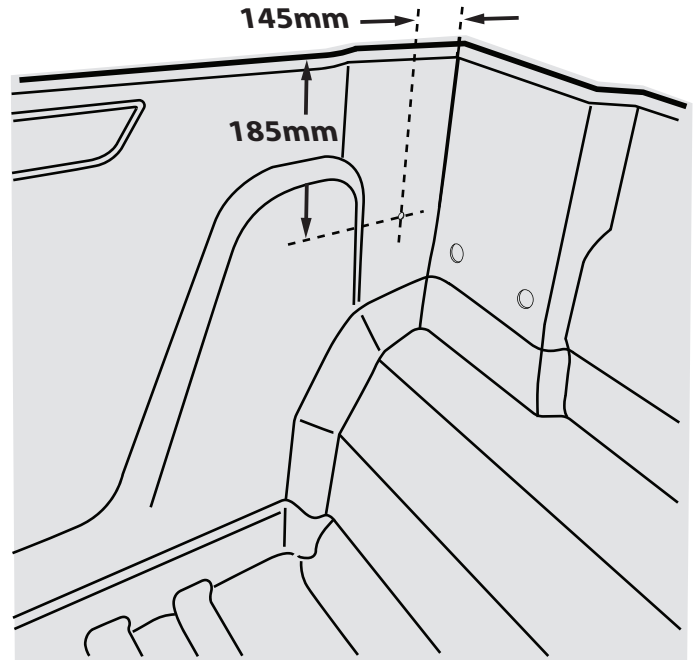
Tub liner Trim Note:

Due to variations in tubliners it is strongly recommended that Installers mark up and pre check part fitment in assy and adjust trim lines prior to making final cuts. EGR will not be held responsible for incorrect or inaccurate liner trimming.

FRONT OF TUB TUBLINER MARKING

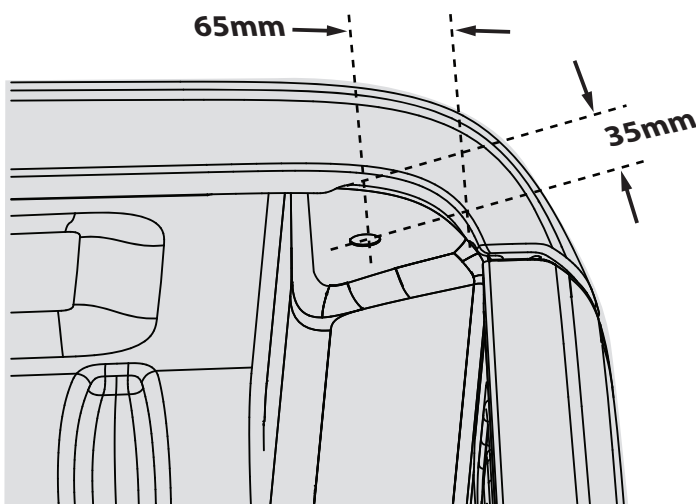
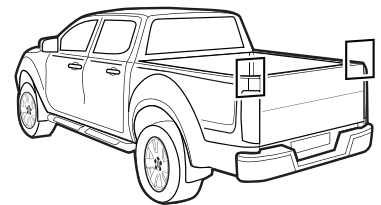
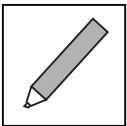


LHS



RHS

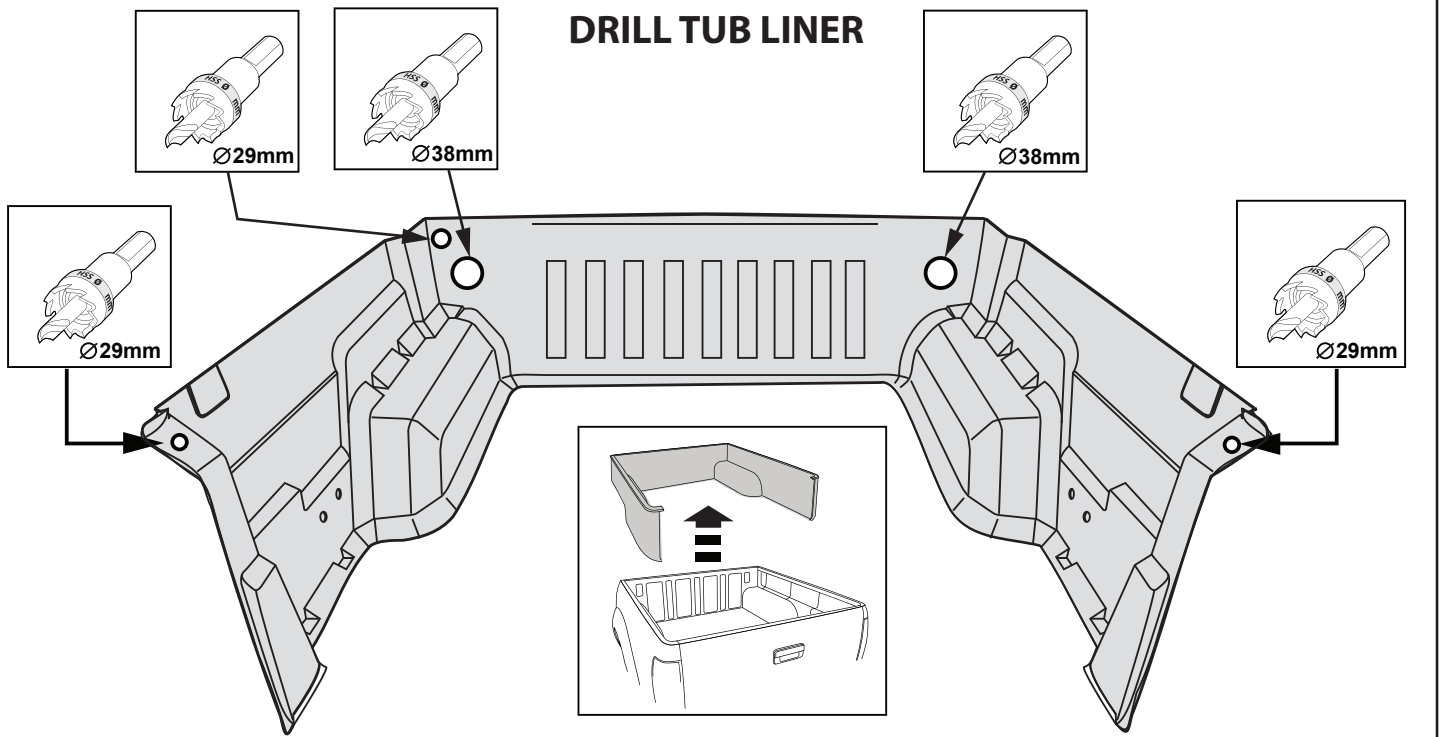
- 2** Measure and mark up the positions for the front tubliner drain tubes and power harness on both sides. Centre punch the locations and drill through the tub and tubliner (if fitted) with 5.5mm drill.



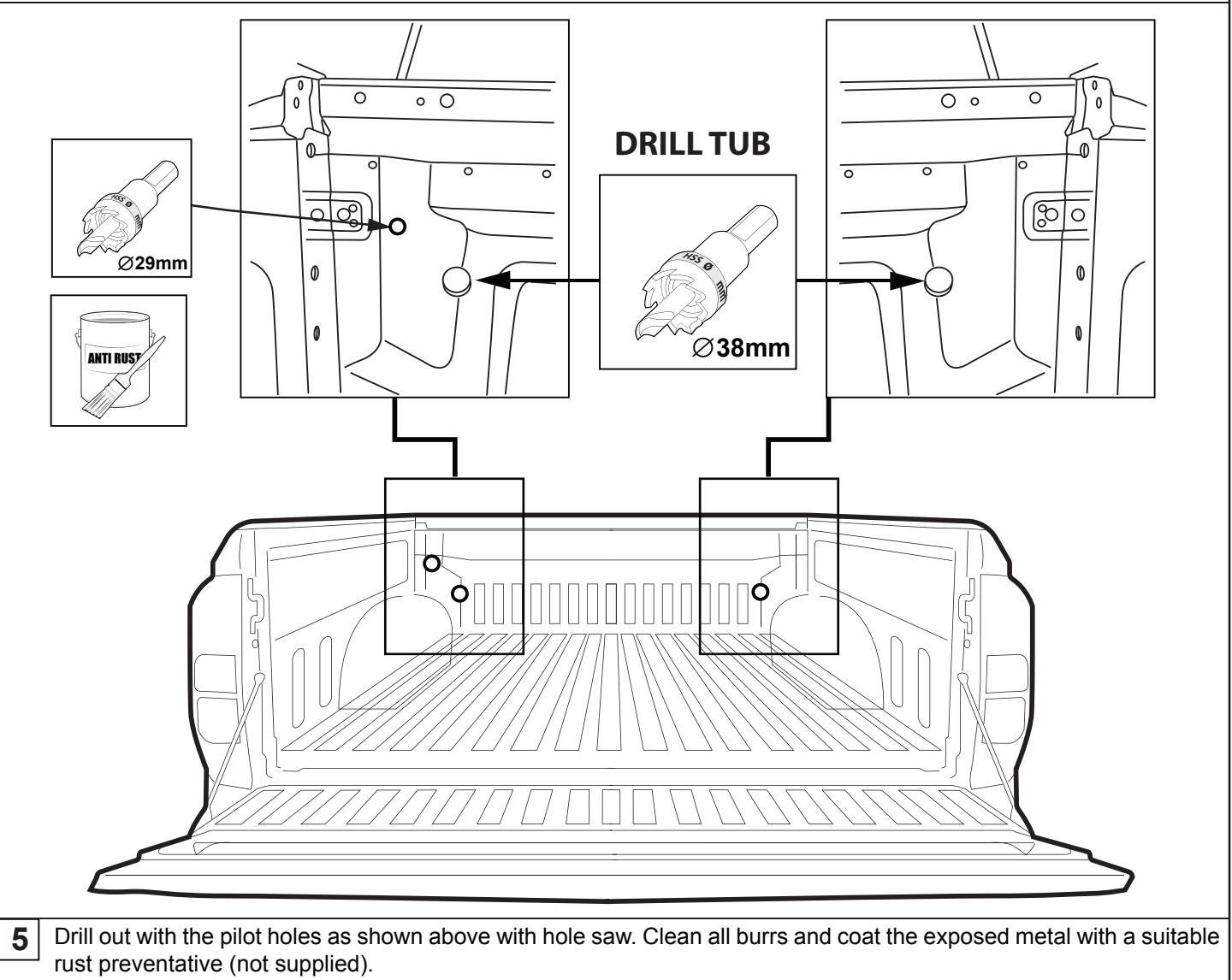
REAR OF TUB TUBLINER MARKING

- 3** Measure and mark up the positions for the rear tubliner drain tubes on both sides. Centre punch the locations and drill through the tub and tubliner (if fitted) with 5.5mm drill.

DRILL TUB LINER



- 4** Amarok has 4 piece tubliner, please **only remove the front piece and both side panels**. Retain all hardware and carefully remove the rear plastic clips so they can be reused. Drill the front, rear drain tubes and front hole for wiring using hole saw as shown above. Clean the sharp edges.

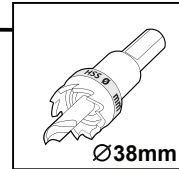
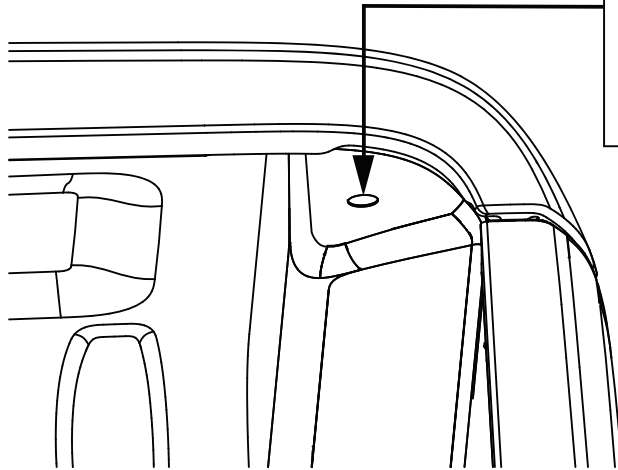


- 5** Drill out with the pilot holes as shown above with hole saw. Clean all burrs and coat the exposed metal with a suitable rust preventative (not supplied).

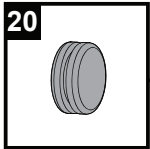


RHS SHOWN
REPEAT FOR LHS

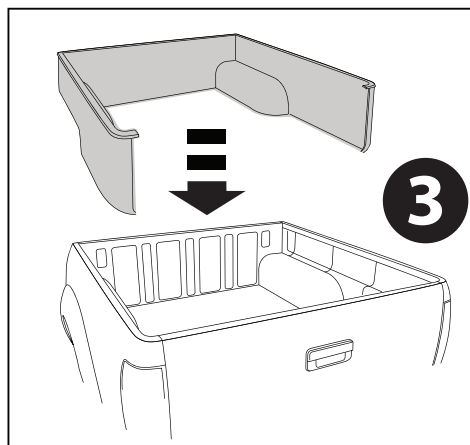
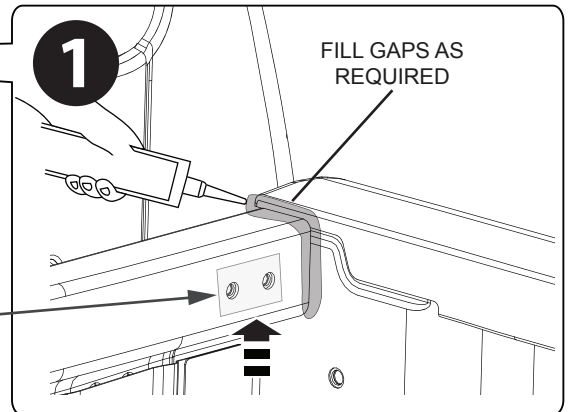
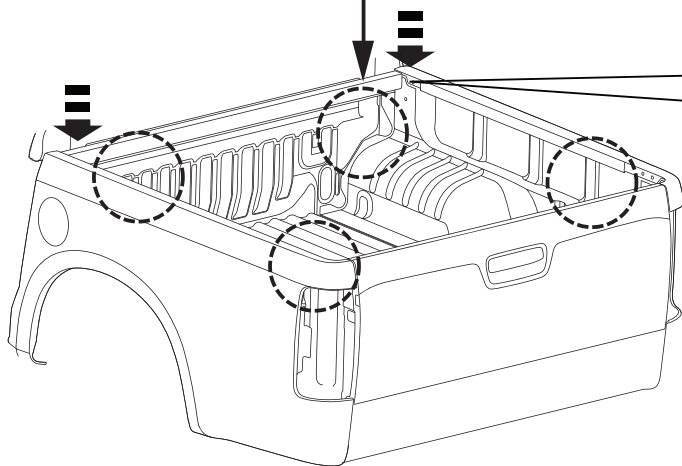
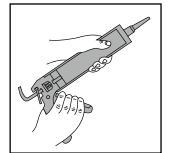
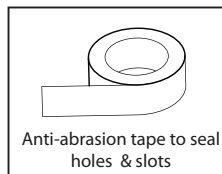
DRILL TUB



6 Drill out with the pilot holes with 38mm hole saw. Clean all burrs and coat the exposed metal with a suitable rust preventative (not supplied).

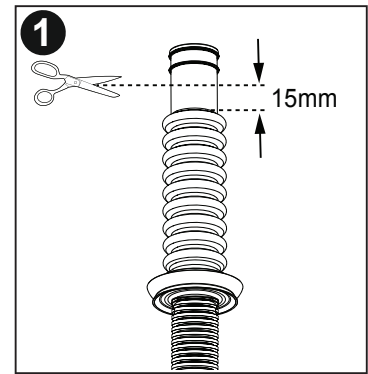
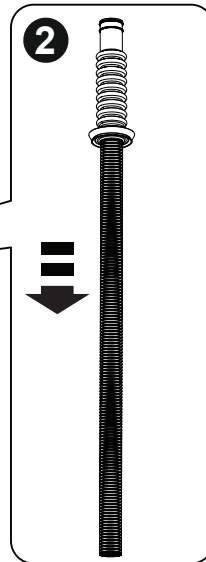
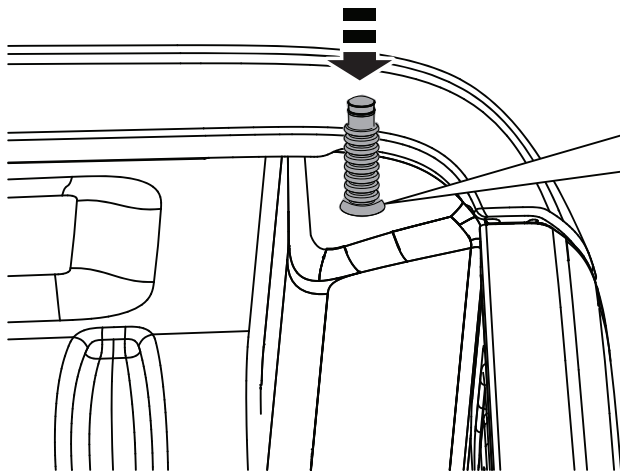


2



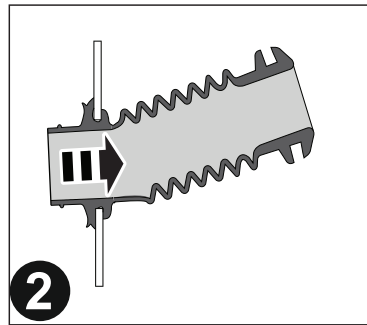
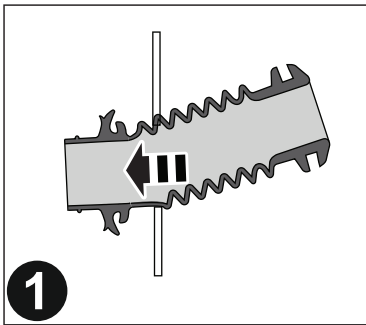
7 To prevent water ingress, apply a bead of silicone (non-acidic) to gaps such as between the front rail and the side rail as shown. Holes in the tub from any removed accessories, etc., should be covered using tape or silicone or rubber grommets (provided).
NOTE: Ensure the Silicone bead transitions smoothly between front and side rail. Refit tubliner.

INSTALL REAR DRAIN TUBES TO TUB

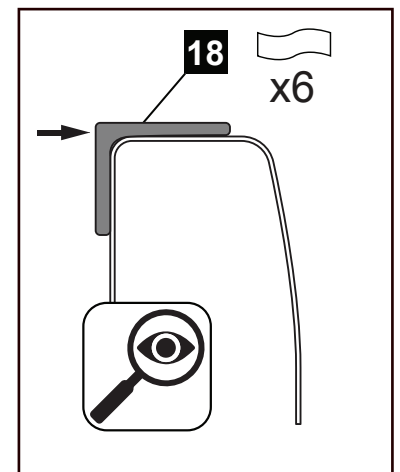
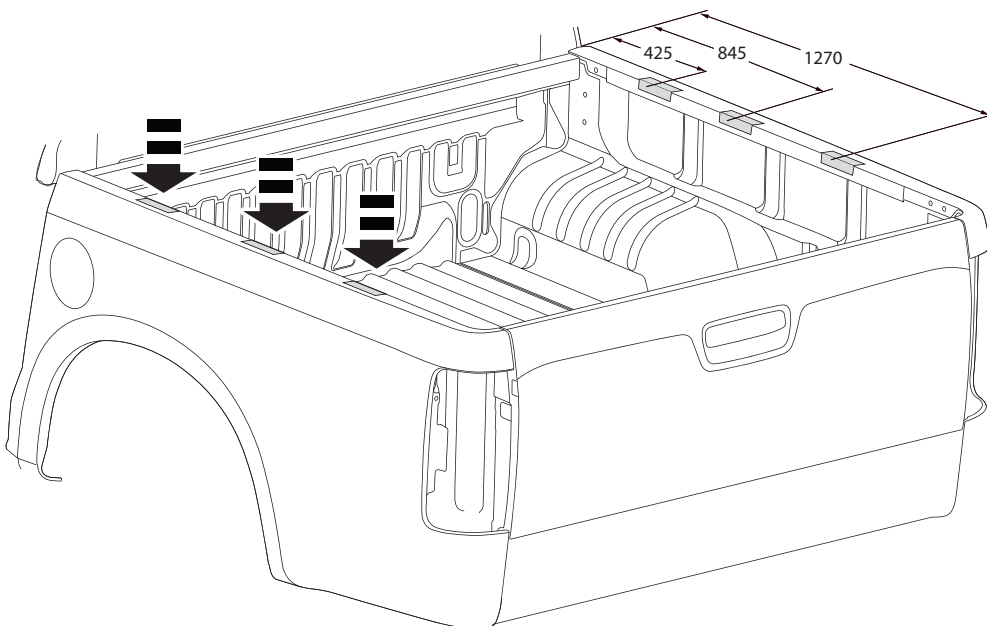


- 8** Trim and connect rear (14) drain tubes to the vehicle tub. Feed the tubes into the rear corner from inside tub, you may have to twist to get conduit to sit in panel cavity. Make sure that the rubber flange engages over the wall of the tub.

INSTALL FRONT DRAIN TUBES TO TUB



SECTION VIEW OF THE TAPE ON TUB



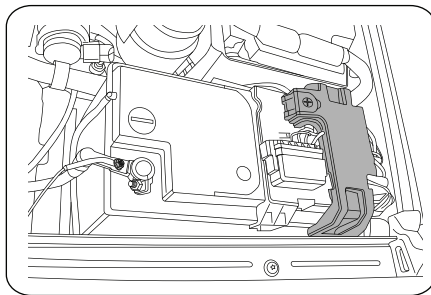
- 9** Fit front drain tubes to the tub as shown. Clean top of the tub. Measurements taken from front of the tub to the centre of each tape, as per the diagram. Adhere 6 Abrasive Protection Strips (18) to the top of the tub at clamp locations. Position the tape so that it is aligned with the inside wall of the tub as shown.

SECTION B

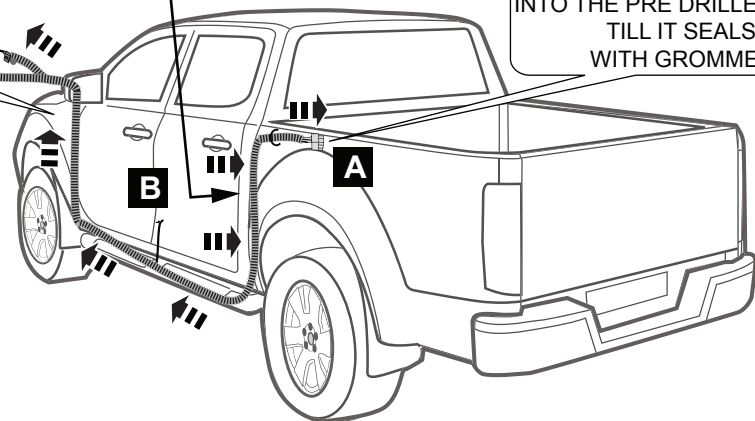
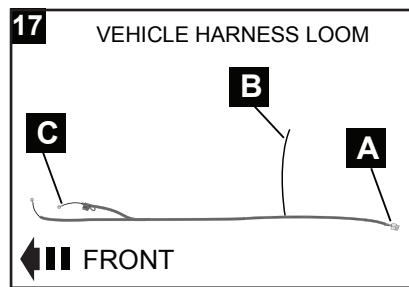
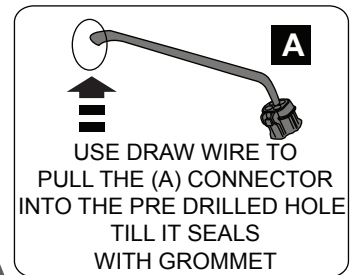
ELECTRICAL HARNESS INSTALLATION



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.



RUN VEHICLE HARNESS DOWN BETWEEN CABIN & TUB TO THE CHASSIS RAIL



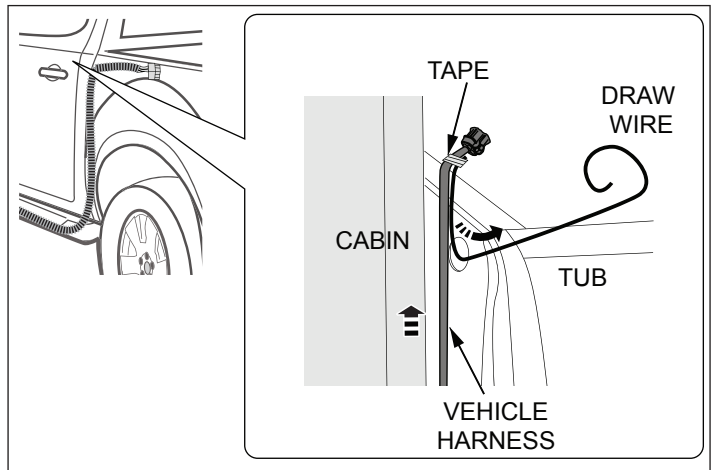
Starting from the chassis rail in front of the LHS rear wheel, feed the vehicle harness (17) down between cabin and tub into the hole drilled in the tub front left hand corner until approx 300mm protrudes.

Run the rest of the harness (17) forward along the chassis rail and loosely secure using supplied cable ties (Avoid any pinch points such as rubber shock absorbers).

Step 1

Required tools: Draw wire, tape.

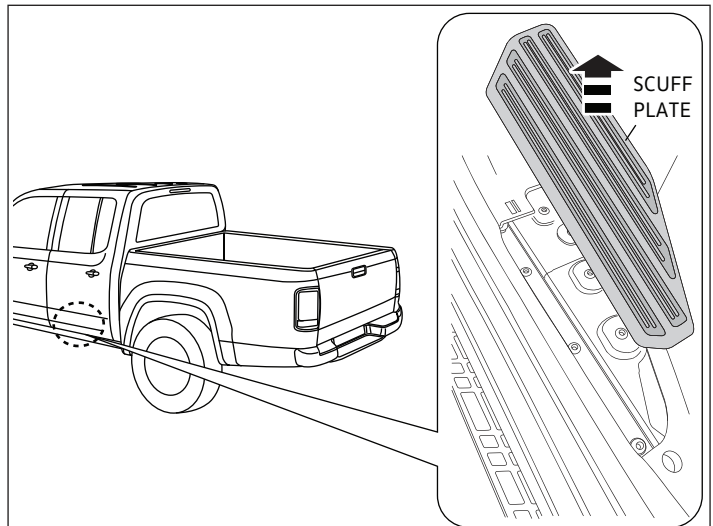
1. Run the vehicle harness down between cabin and tub with the connector (A) at the top of the tub.
2. Feed the draw wire through the hole in the tub, towards the gap between cabin.
3. Tape the connector (A) to the draw wire and pull into the tub until it seals with the grommet.



Step 2

Required tools: Trim removal tool.

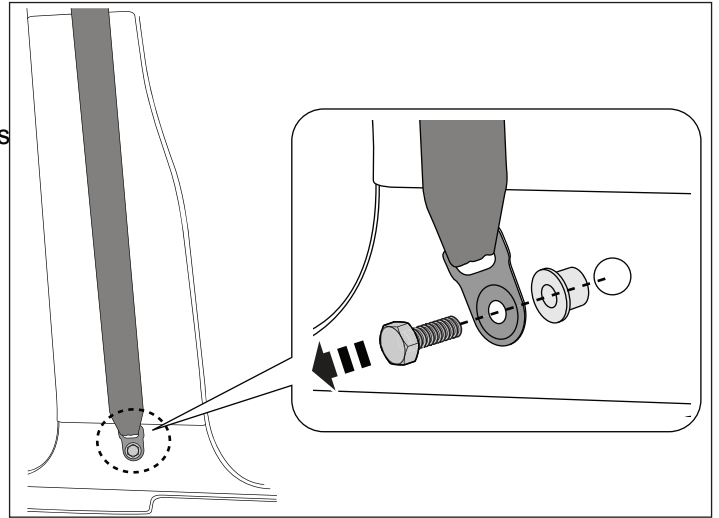
1. Remove the rear LHS scuff plate.



Step 3

Required tools: 17mm Socket wrench.

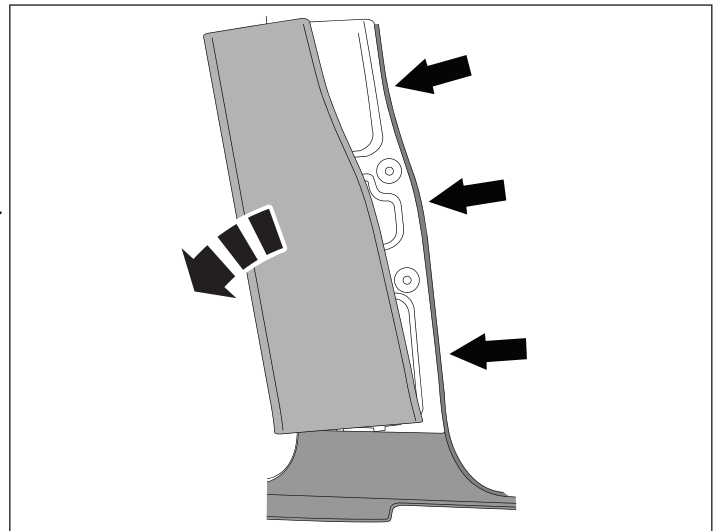
1. Remove the bolt holding the lower end of the seat belt as shown.
2. Retain all components.



Step 4

Required tools: Trim removal tool.

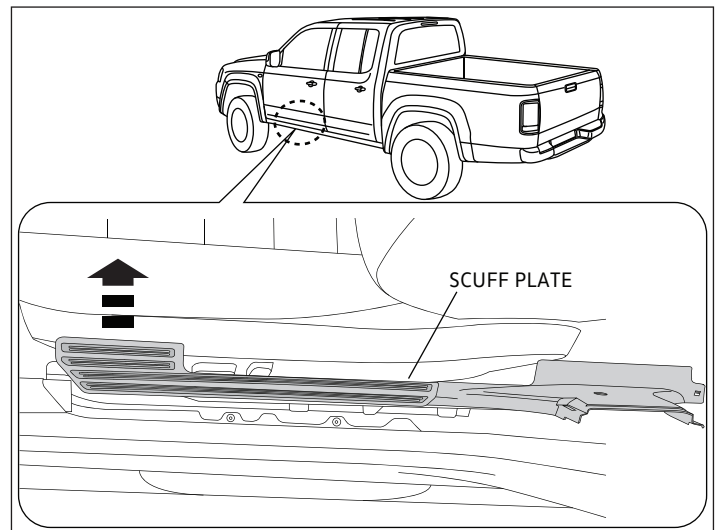
1. Remove the panel from the LHS B-pillar by separating the panel from the rubber seal on both sides of the pillar. Retain the panel.



Step 5

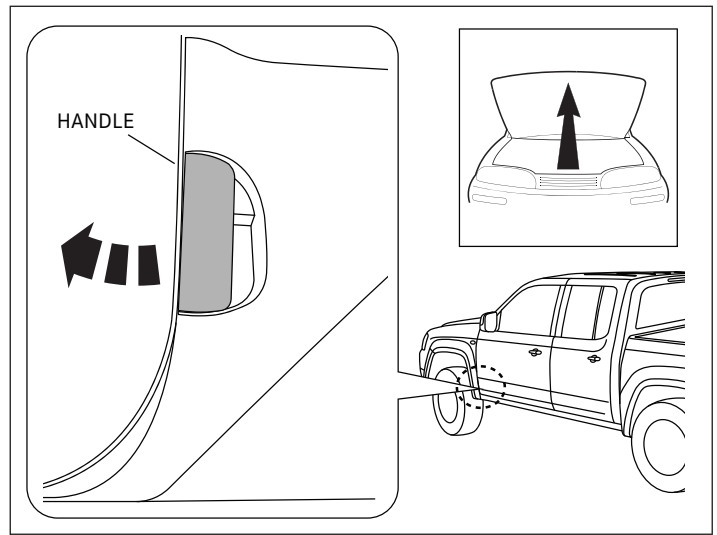
Required tools: Trim removal tool.

1. Remove the LHS front scuff plate together with the B-pillar bottom trim.



Step 6

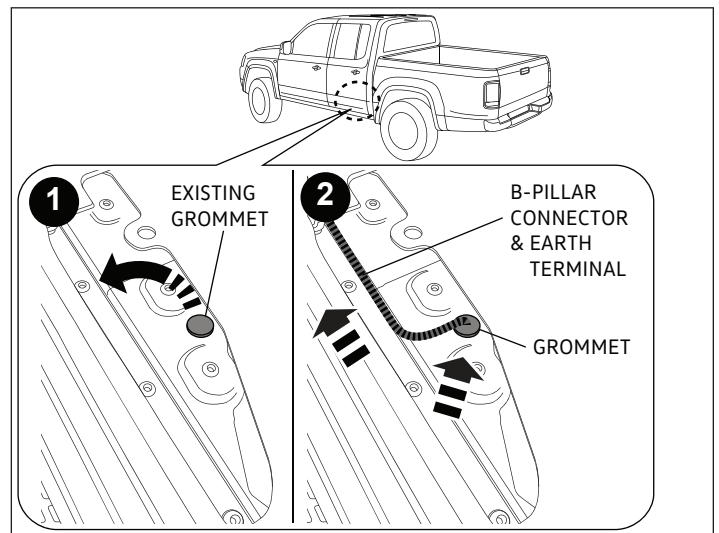
1. Pull the bonnet release on the passenger side of the vehicle and open the bonnet. Leave the bonnet open throughout fitment.



Step 7

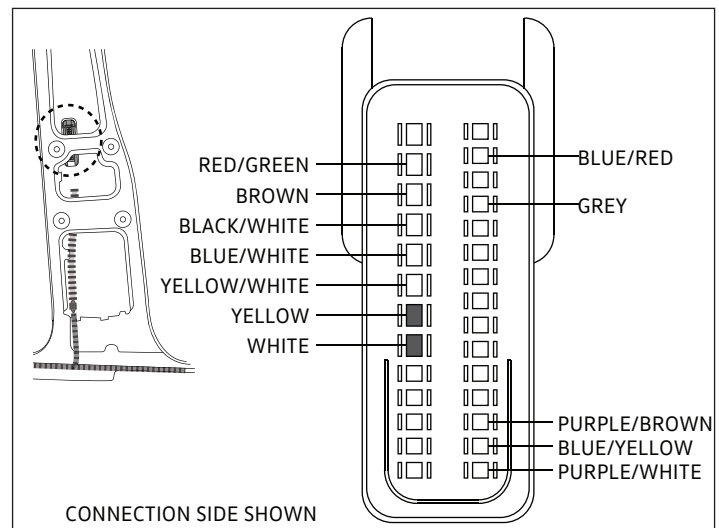
Required tools: Flat screwdriver.

1. Using a flat screwdriver remove the rubber grommet from the floor next to the LHS back seat and discard.
2. Feed the T-Patch connector and up through the hole in the floor, ensuring that the rubber grommet on the harness is securely plugging the hole.
3. Feed harness up to the B-pillar.



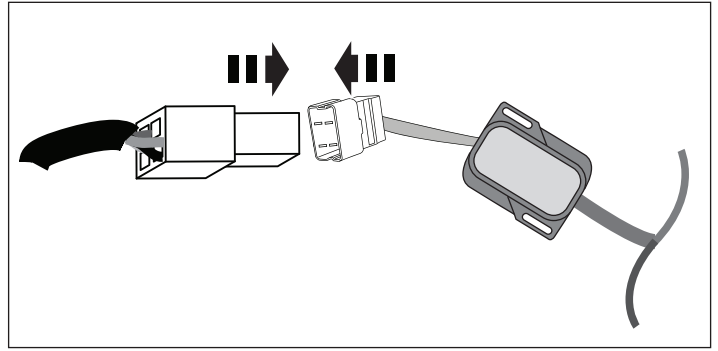
Step 8

1. Locate wires in the B-pillar connector.



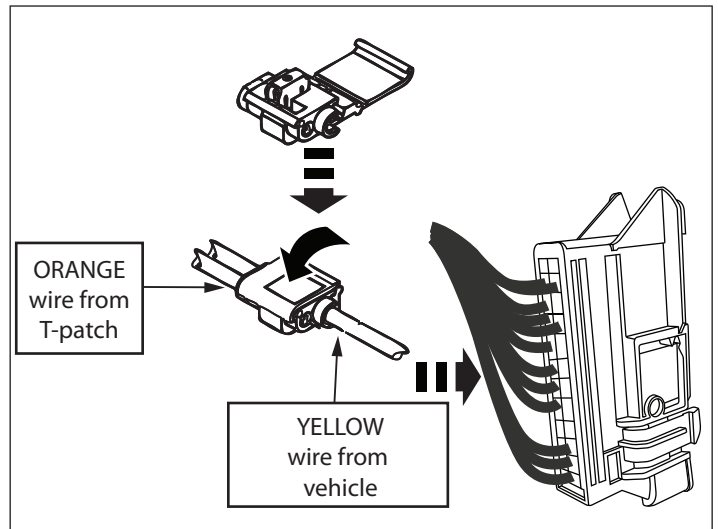
Step 9

1. Connect the T-Patch to the Vehicle Harness.



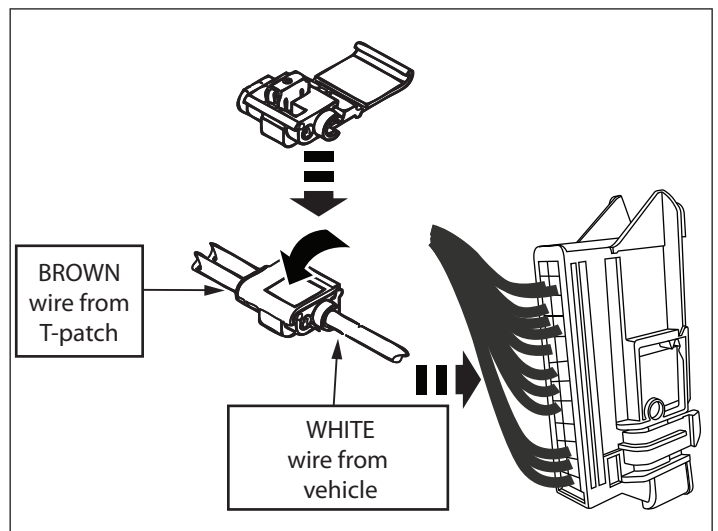
Step 10

1. Splice the designated wire as shown from the vehicle harness with corresponding wire from RollTrac T-patch harness using the supplied wire tap. Note: Clamp down firmly on metal component in the wire tap. Important: See step 8 for vehicle harness wire colour locations.



Step 11

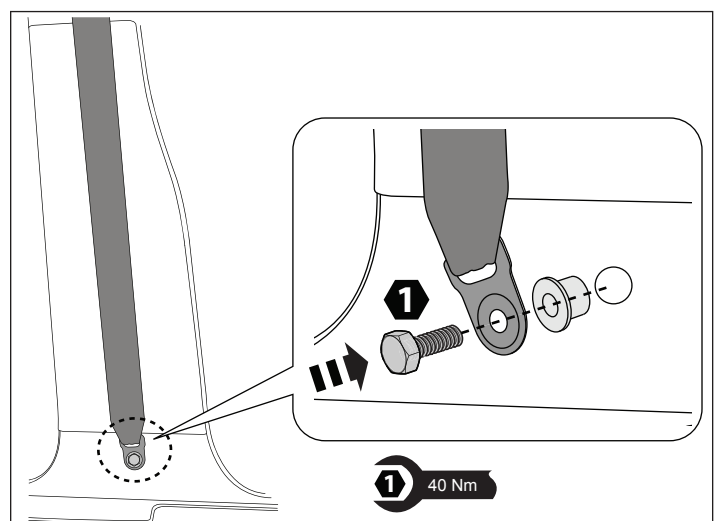
1. Splice the designated wire as shown from the vehicle harness with corresponding wire from RollTrac T-patch harness using the supplied wire tap. Note: Clamp down firmly on metal component in the wire tap. Important: See step 8 for vehicle harness wire colour locations.



Step 12

Required tools: 17mm Socket & torque wrench.

1. Refit the panel to the LHS B-pillar.
2. Refit the bolt holding the lower end of the seat belt as shown. Torque to 40Nm.

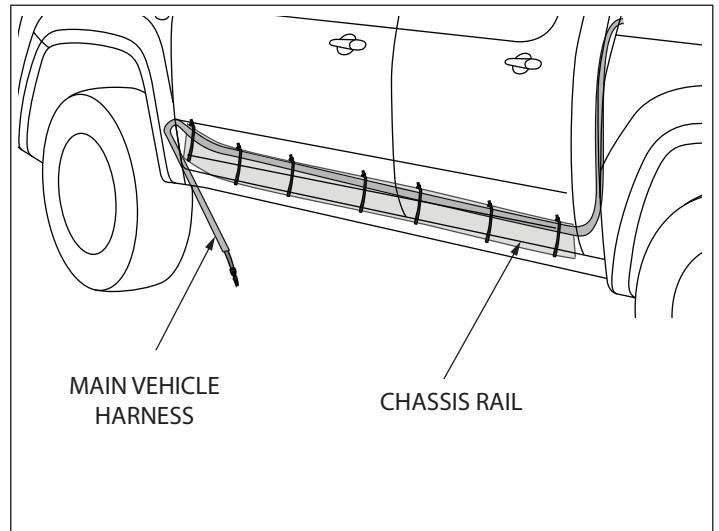


Step 13

Required tools: Side cutters.

1. Run the remaining vehicle harness along the chassis rail towards the front wheel (as shown).
2. Use the cable ties to secure the vehicle harness to the chassis rail along under the side steps, where there is no vehicle harness to follow.
3. Trim excess cable tie length with side cutters.

! Important: Ensure harness is run in a direct route from the rear of the vehicle to the front.

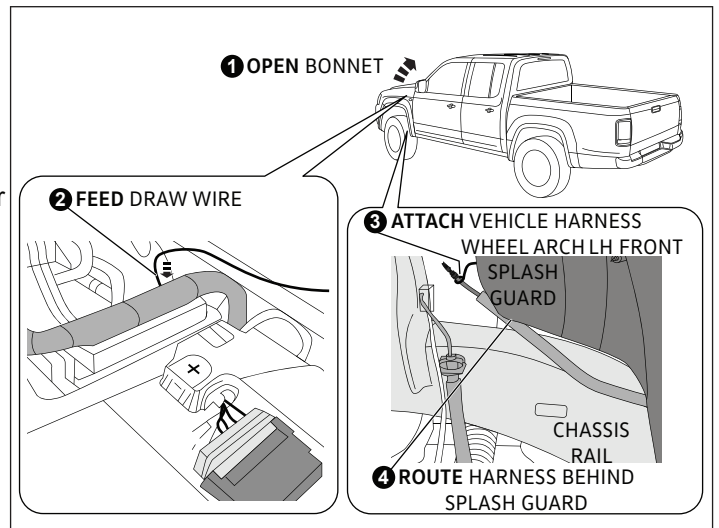


Step 14

Required tools: Draw wire.

1. Open and secure the bonnet.
2. Feed a draw wire down through the engine bay in the rear left hand corner where the inner left hand front quarter panel meets the firewall as shown.
3. From inside the left hand front wheel arch, attach the end of the vehicle harness to the draw wire.
4. Ensure harness is positioned behind the splash guard inside the wheel arch as shown.

! Important: The wiring must be positioned against the firewall and avoid contact against any pipes or other wiring under tension of Rolltrac vehicle wiring harness.

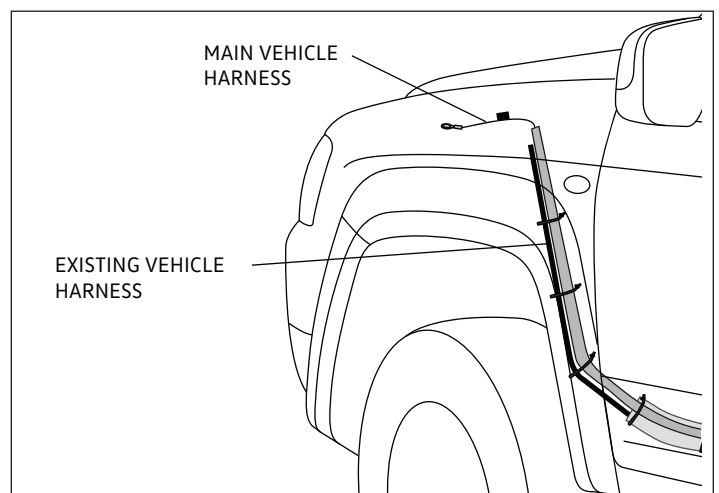


Step 15

Required tools: Draw wire.

1. Using the draw wire, pull the Rolltrac Main Vehicle Harness up to battery terminals.
2. Use the cable ties to secure the vehicle harness to the existing vehicle harness up through the engine bay every 200mm.

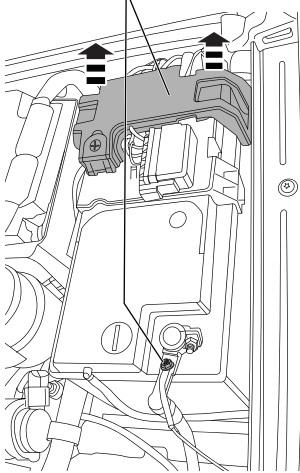
! Important: Ensure harness is clear of exhaust.



Step 16

4 CYLINDER ENGINE - BATTERY CONNECTION

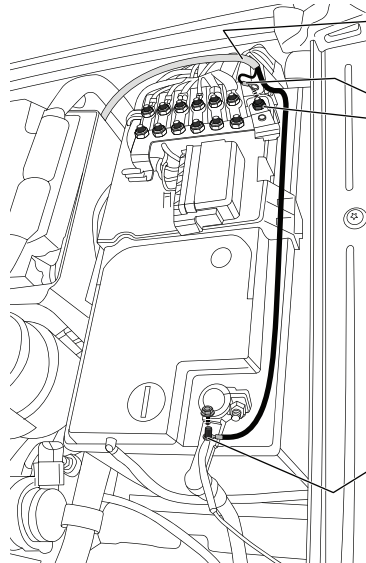
1 REMOVE BATTERY TERMINAL BLOCK COVER & NUT ON BATTERY TERMINAL



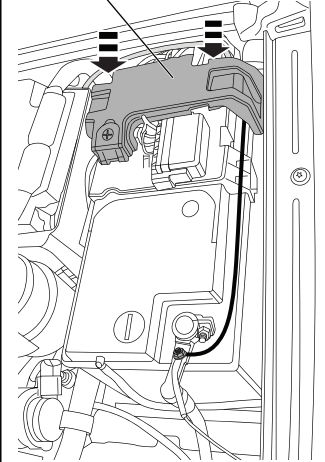
2 ROUTE VEHICLE HARNESS

3 REMOVE NUT CONNECT SHORT (RED) EYELET TERMINAL REPLACE NUT

4 CONNECT LONG (BLACK) EYELET TERMINAL REPLACE REMOVED NUT

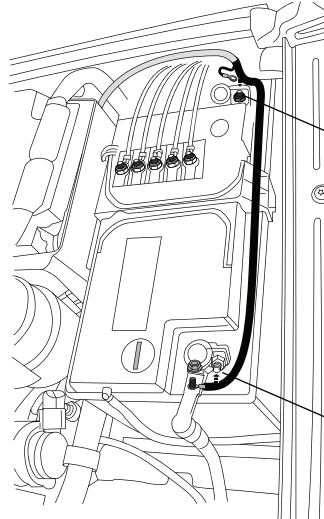


5 REPLACE BATTERY TERMINAL BLOCK COVER



6 CYLINDER ENGINE - BATTERY CONNECTION

1 REMOVE BATTERY TERMINAL BLOCK COVER & NUT ON BATTERY TERMINAL



2 REMOVE NUT CONNECT SHORT (RED) EYELET TERMINAL REPLACE NUT

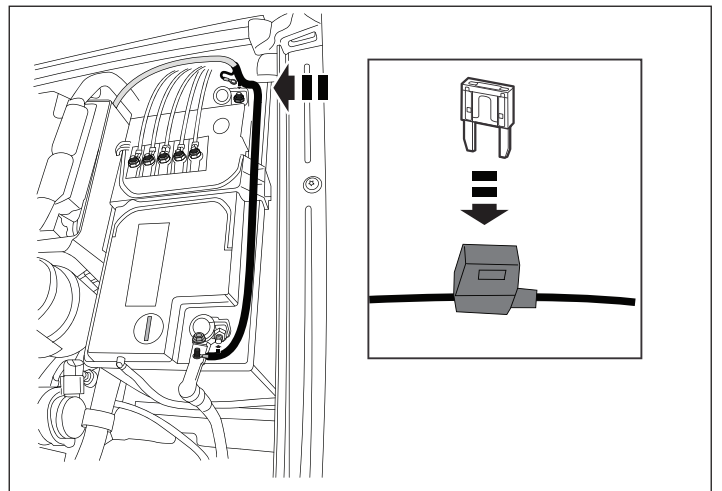
3 CONNECT LONG (BLACK) EYELET TERMINAL REPLACE REMOVED NUT

4 REPLACE BATTERY TERMINAL BLOCK COVER

Route the vehicle harness along the firewall and connect the short eyelet terminal to the battery terminal block as shown. Run the long eyelet terminal up to the main terminal at the front of the battery and connect as shown. Tidy up harness and replace the battery terminal block cover.

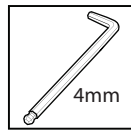
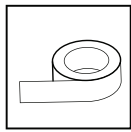
Step 17

1. Fit fuse into the fuse holder located on the positive wire of the vehicle harness.



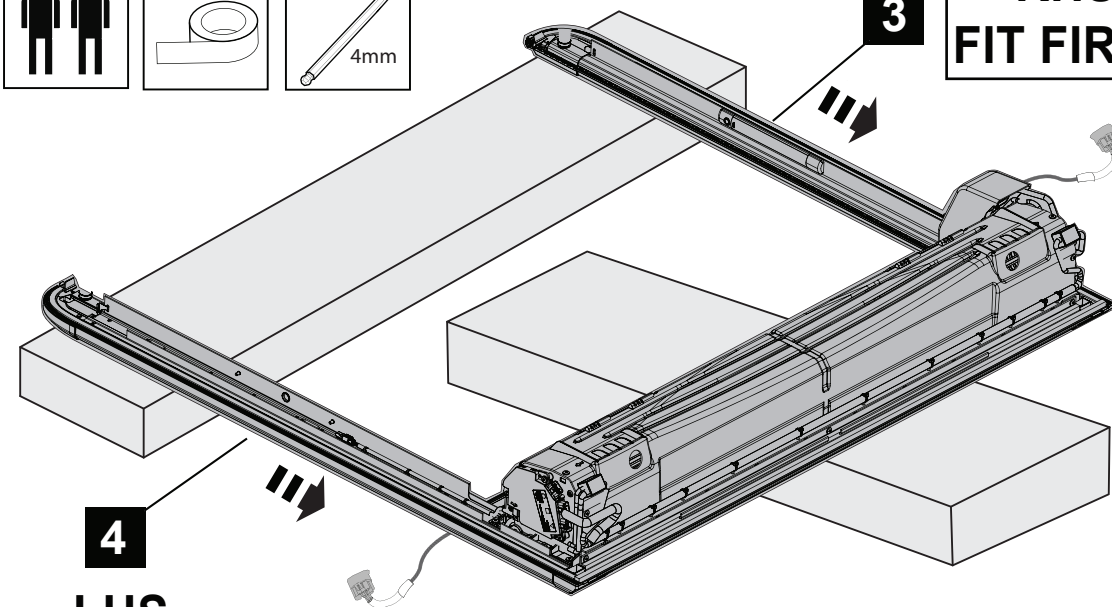


DURING ASSEMBLY PROCEDURE SUPPORT AT CENTRE OF CANISTER ONLY, PLACE ON TOP AND BASE CARTON (OR SIMILAR), COVER WITH FOAM BLANKET. TO AVOID SCRATCHING POWDERCOATED SURFACES. DO NOT LOAD ELECTRICAL CONNECTORS OR MOTOR COVER.



RHS FIT FIRST

3

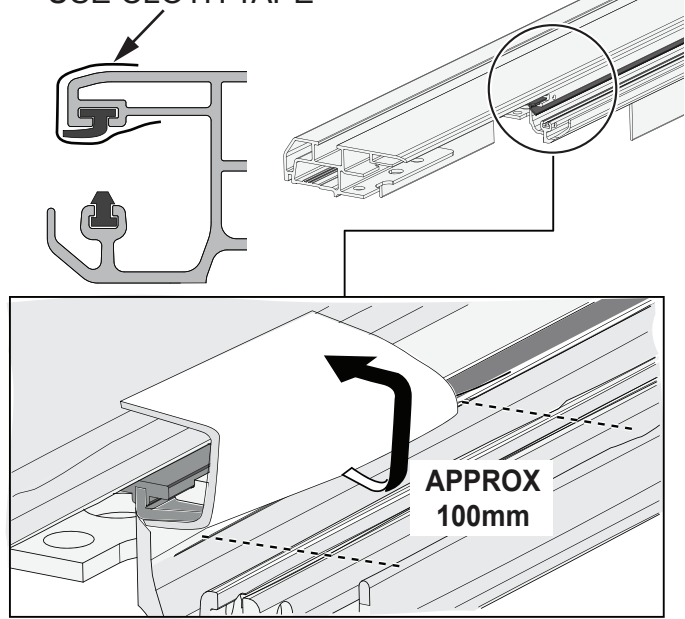


4
LHS

1

HOLD SEAL FLAT USE CLOTH TAPE

RHS SHOWN

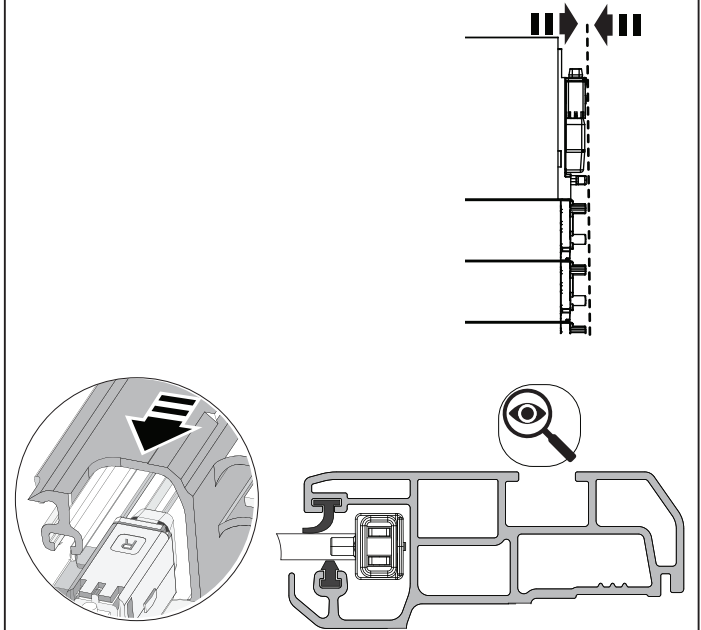


2

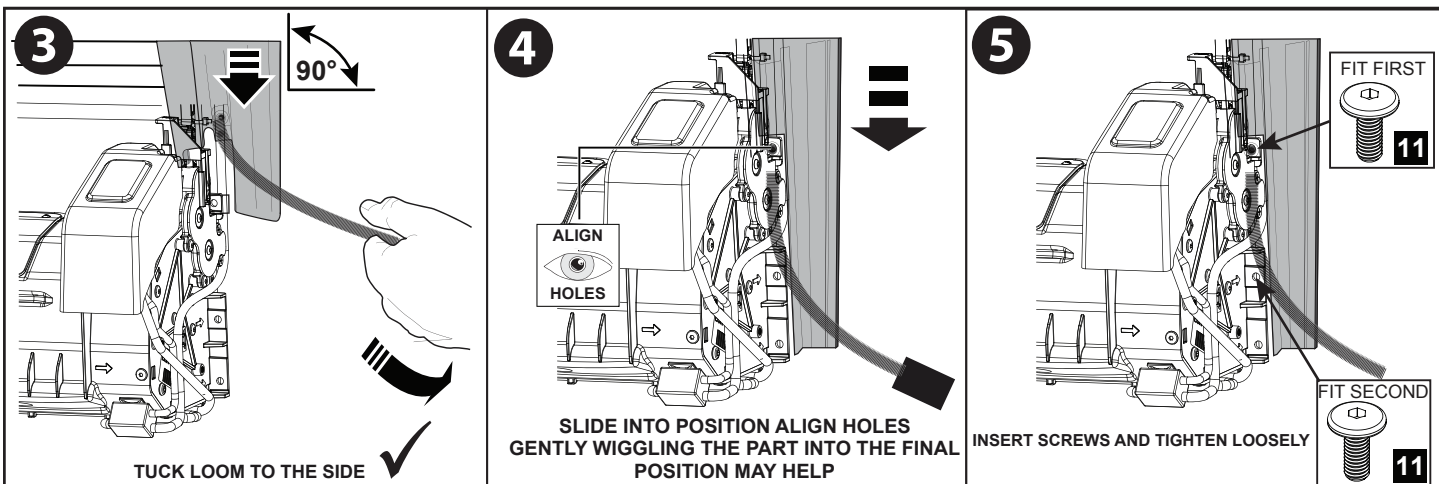


ATTENTION: EXPOSE 3 SLATS PRIOR TO FITTING SIDE RAILS.

ENSURE ENDS ARE ALIGNED

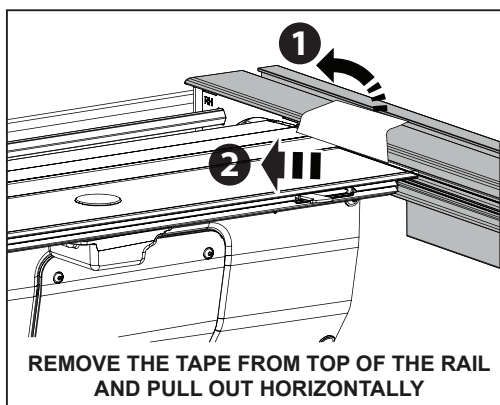
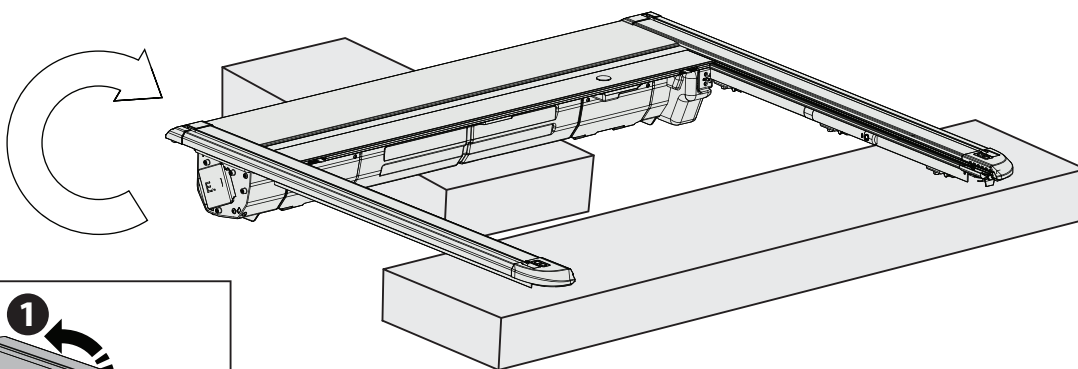


1 Place the canister (1) on two protected boxes as shown, ensure hand rail and slat ends are aligned. Tape up the seal on the Side Rail (3) as shown.
IMPORTANT: Carefully align and slide the rail over the handrail contact and canister endplate taking particular care to ensure that the siderails are slid straight and no undue force is applied to the electrical contact. Details in following steps.



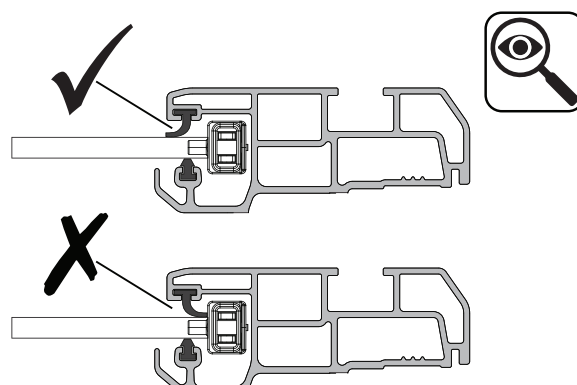
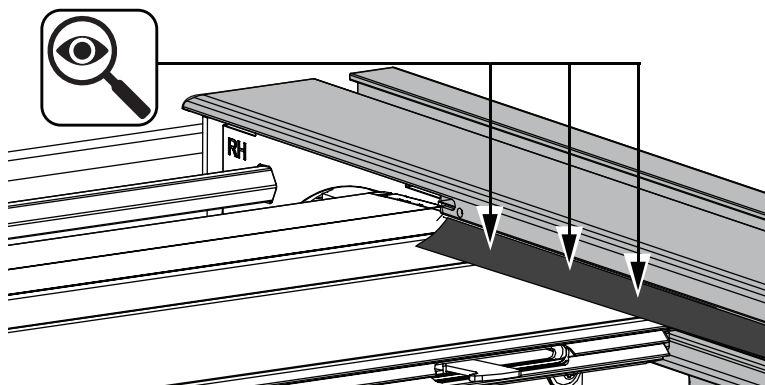
2 Pull hand rail to expose 3 slats. Slide the Rail over slat ends and onto endcap location pins. Align the holes and secure loosely with two screws (11). Do not tighten. Repeat for LHS Rail (4)

⚠ DURING ASSEMBLY PROCEDURE SUPPORT AT 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. ⚠



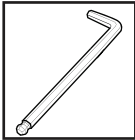
CAUTION
ALIGN CAREFULLY

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

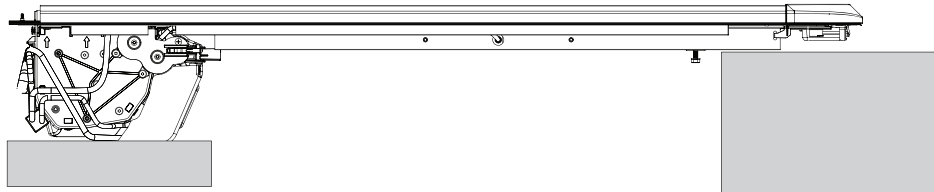


CHECK SEAL IS IN POSITION AND NOT DAMAGED

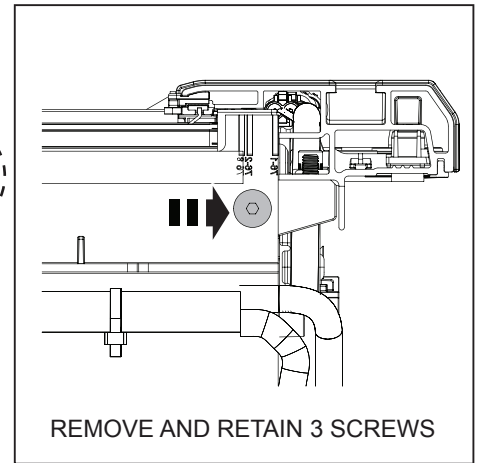
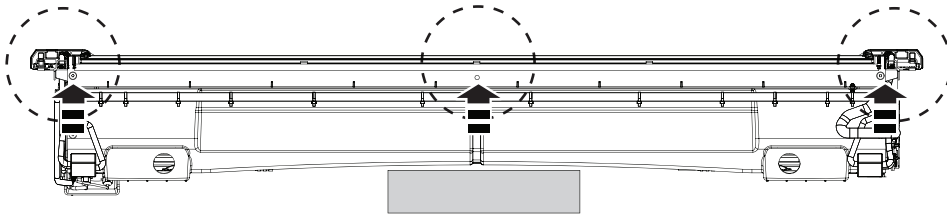
3 Carefully lay the assembly over onto a protected surface. Remove the tape holding the rubber seal and check the seal position as shown. Repeat for LHS Rail (4)



SIDE VIEW



REAR VIEW



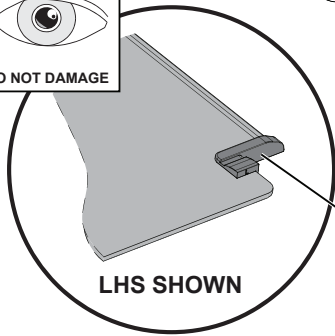
4 Remove the 3 pre-fitted screws (11) from the rear of the cover which will be used to secure the Front Plate (1) to the assembly. Ensure the product is not scratched or damaged when laying flat.
IMPORTANT: Do not apply load to the electrical connectors and do not sit product on motor cover.



CAUTION

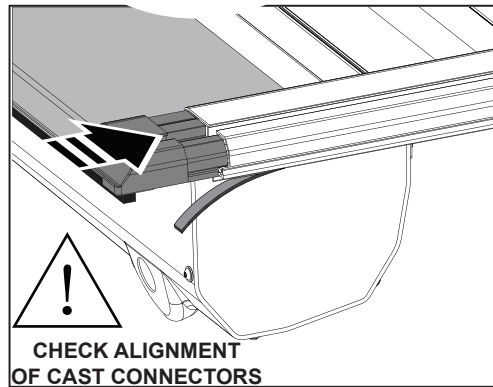


DO NOT DAMAGE

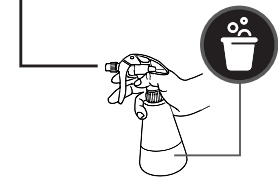
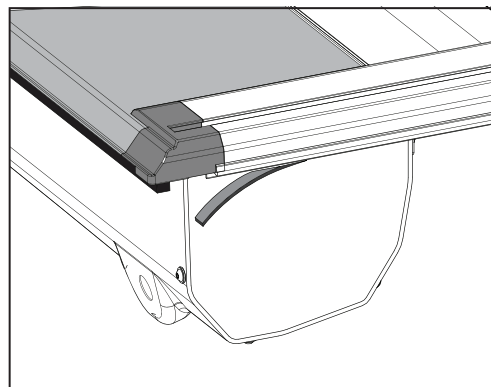


REMOVE TAPE SECURING THE RUBBER CORNER SEAL

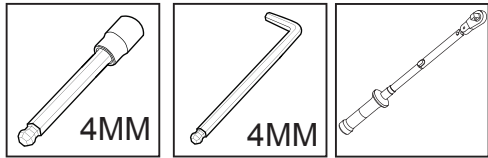
ATTENTION: Remove foam tape end from the side rail before fitting into front cover



CHECK ALIGNMENT OF CAST CONNECTORS

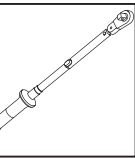


5 Slide the Front Plate (2) over the canister and into the side rail channels ensuring that the foam side rail tape is pulled out of side rail and the small rubber corner seal on the RHS and LHS of the front plate are not damaged.
IMPORTANT: Spray the front cover edge with soapy water to allow it to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

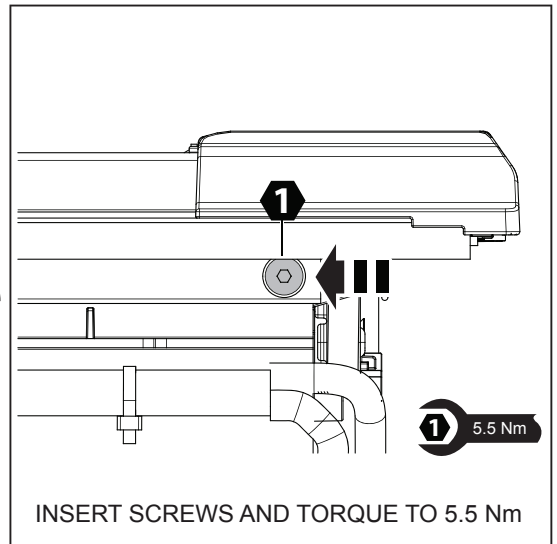
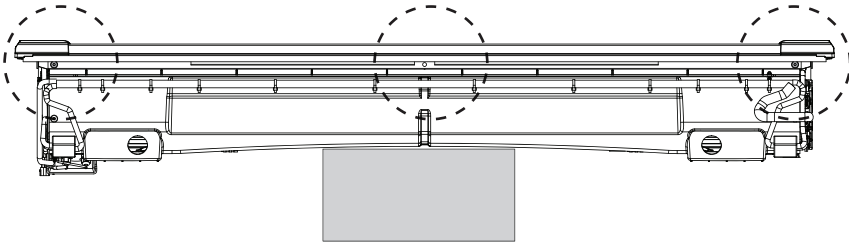


4MM

4MM

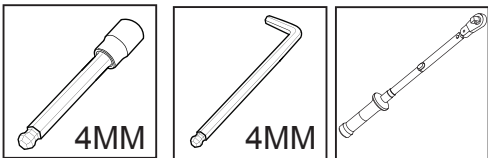


REAR VIEW



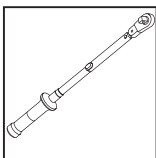
INSERT SCREWS AND TORQUE TO 5.5 Nm

6 Using the 3 screws removed from Step 4, screw the Front Plate (2) to the Canister Assembly (1) and torque to 5.5 Nm.

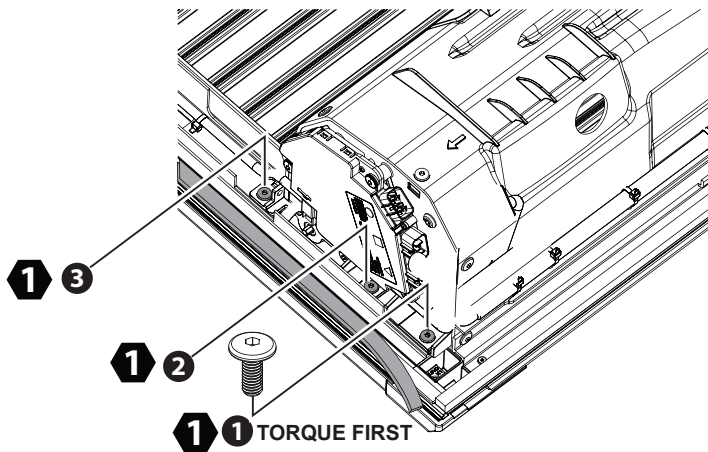
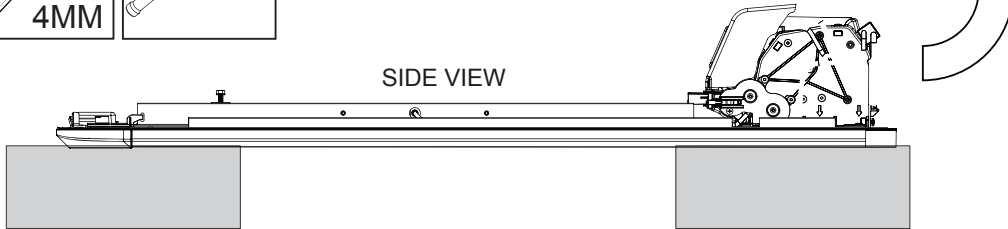


4MM

4MM



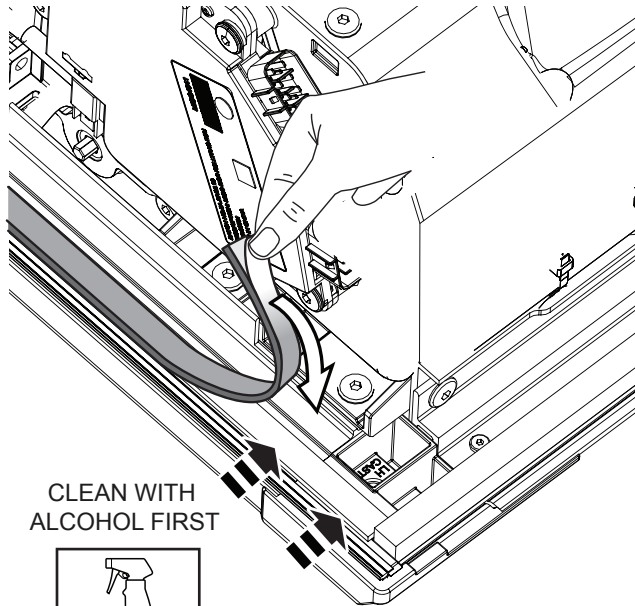
SIDE VIEW



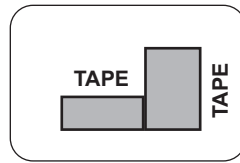
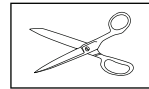
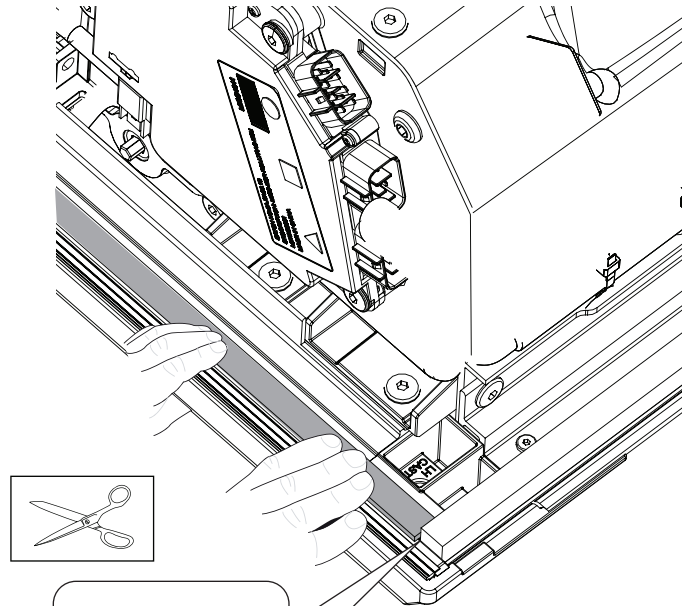
LHS SHOWN - RHS IS A MIRROR IMAGE

7 Carefully flip the assembly over onto a flat protected surface which will not damage the cover or scratch the paint work. Install the 2 screws (11) at the most rearward position first through the front cover to the side rails and torque to 5.5Nm followed by the remaining 4 screws (11) and torque to 5.5Nm.

LHS SHOWN - RHS IS A MIRROR IMAGE

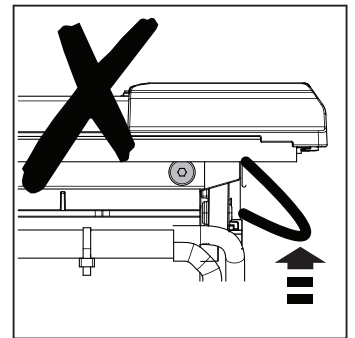
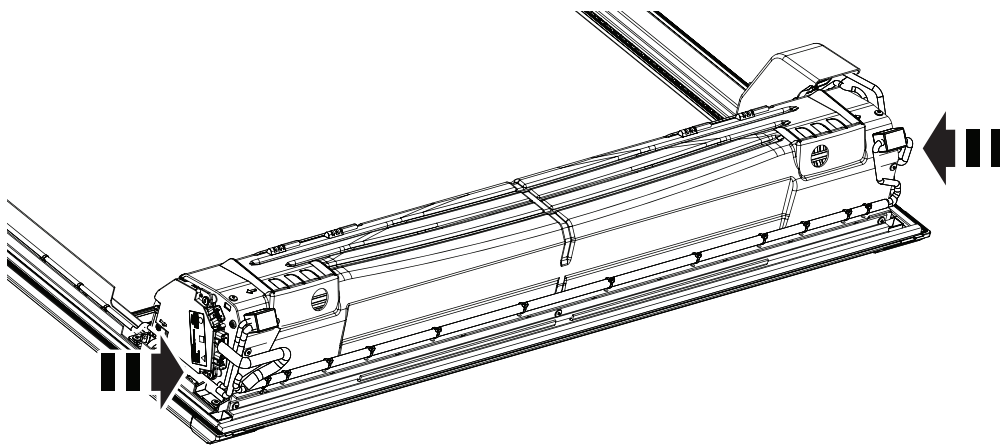


CLEAN WITH ALCOHOL FIRST

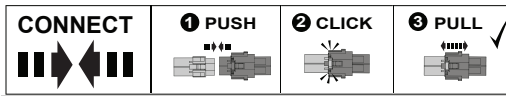
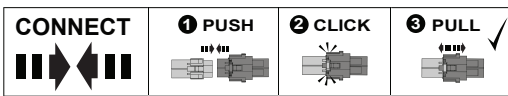


TAPES MUST CONTACT

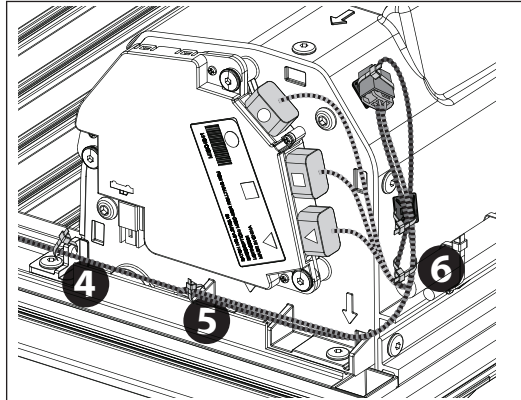
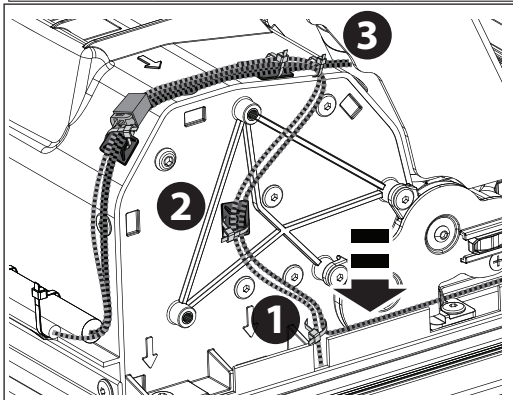
8 Clean powder coated surface first with alcohol spray. Trim foam tape length to ensure the end will butt against front cover seal - avoiding any gap. Peel the protective liner from the foam tape, adhere to the channel in the side rail, Press down firmly to secure. Repeat on RH side rail.



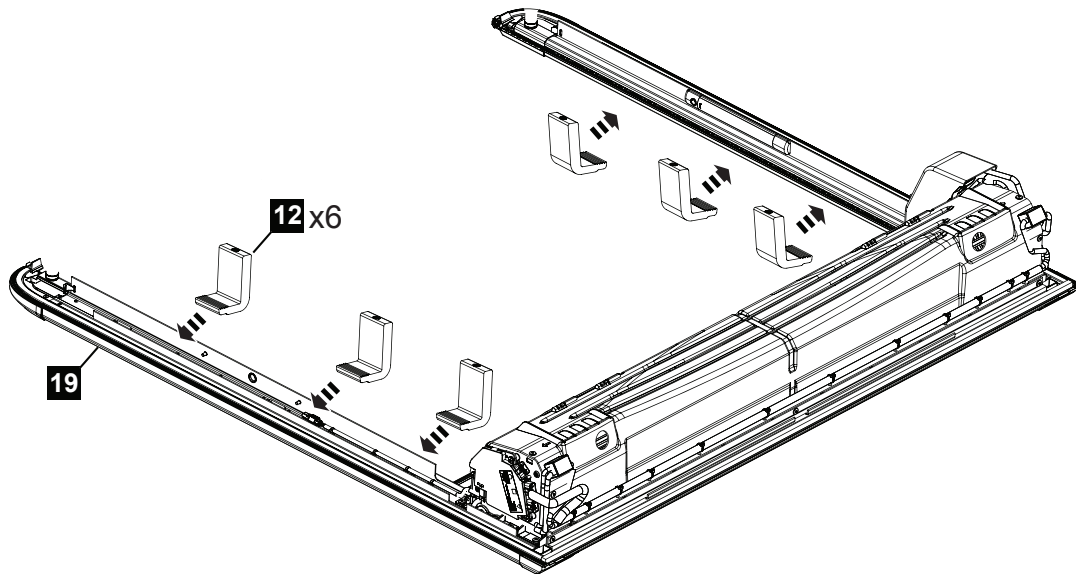
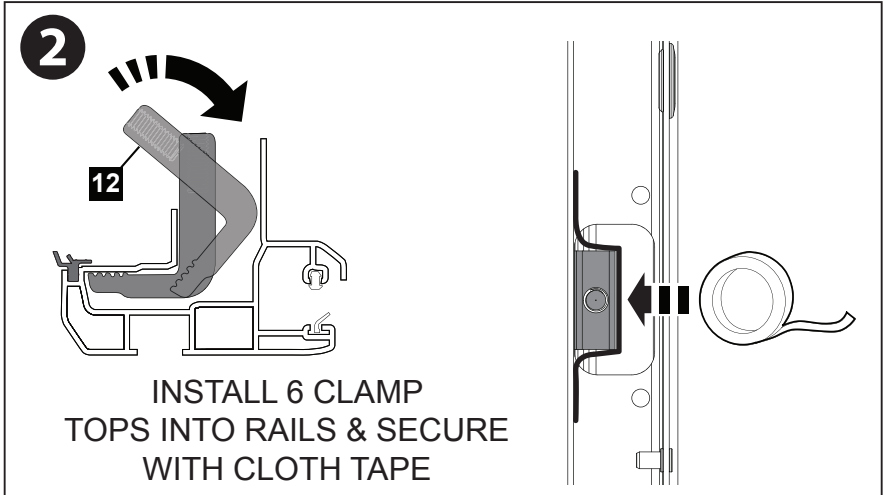
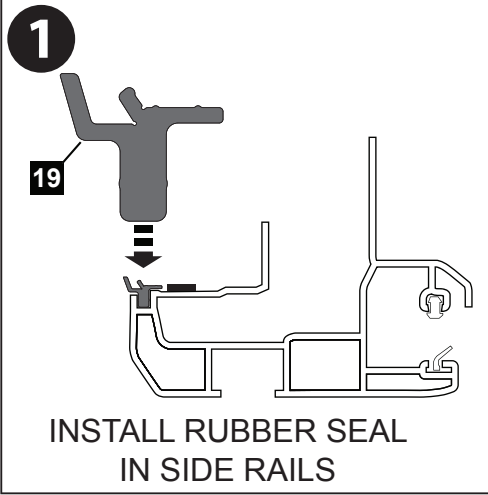
SECURE ALL CABLES TO PREVENT PINCHING



PULL THE CONNECTOR NOT THE CABLE

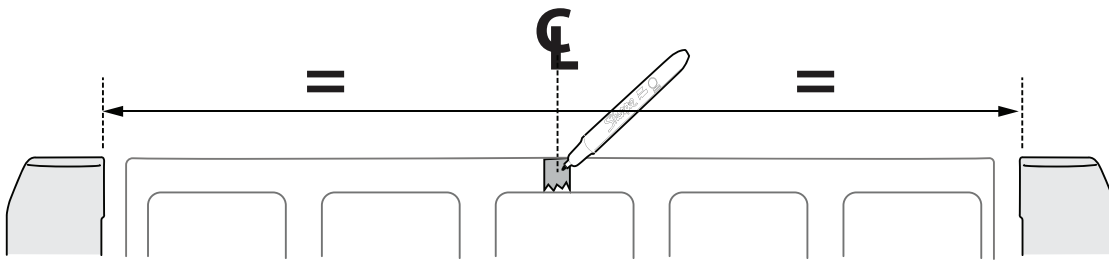
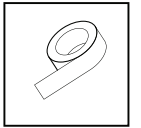
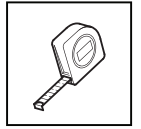


9 Connect side rail harness connectors to the connectors on the canister on the LHS and RHS. Secure the harness to the canister using cable ties at the six locations shown. Secure with zip ties and pads. Ensure all cables are retained to prevent pinching during installation.

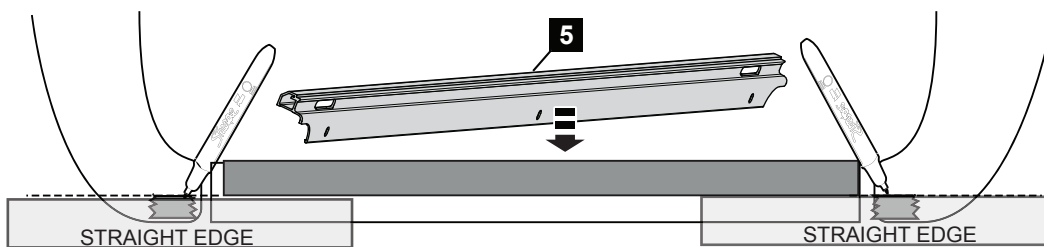
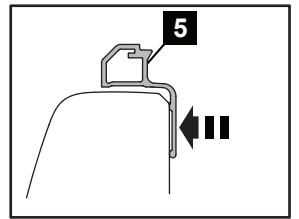


- 10** 1) Install the Rubber Perimeter Seal into each side rail and ensure seal is firmly seated (note the seal orientation).
2) Install the six Clamp Tops (12) into the LHS and RHS side rails and secure with cloth tape to temporarily hold in position.

CONTINUE ON THE NEXT PAGE

1 (VIEW INSIDE)

MARK CENTRELINE ON THE TAILGATE
(MEASUREMENTS TAKEN FROM INSIDE TUB AS SHOWN)

2 (TOP VIEW)

MARK LINE ON LHS AND RHS

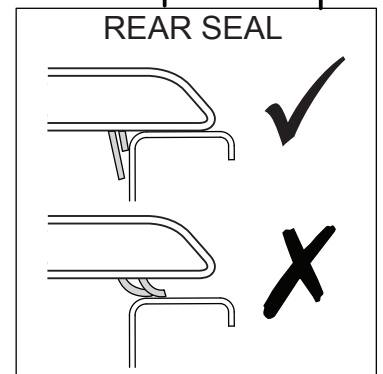
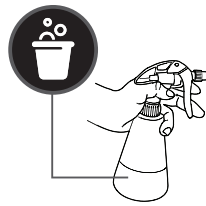
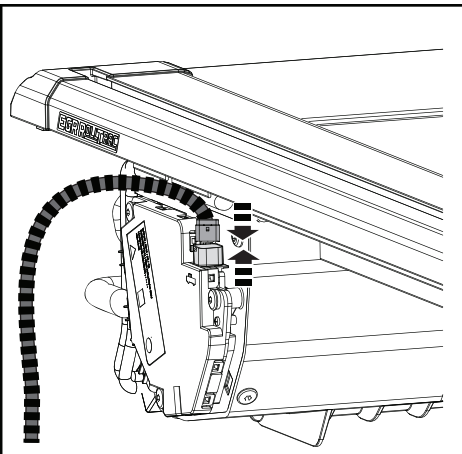
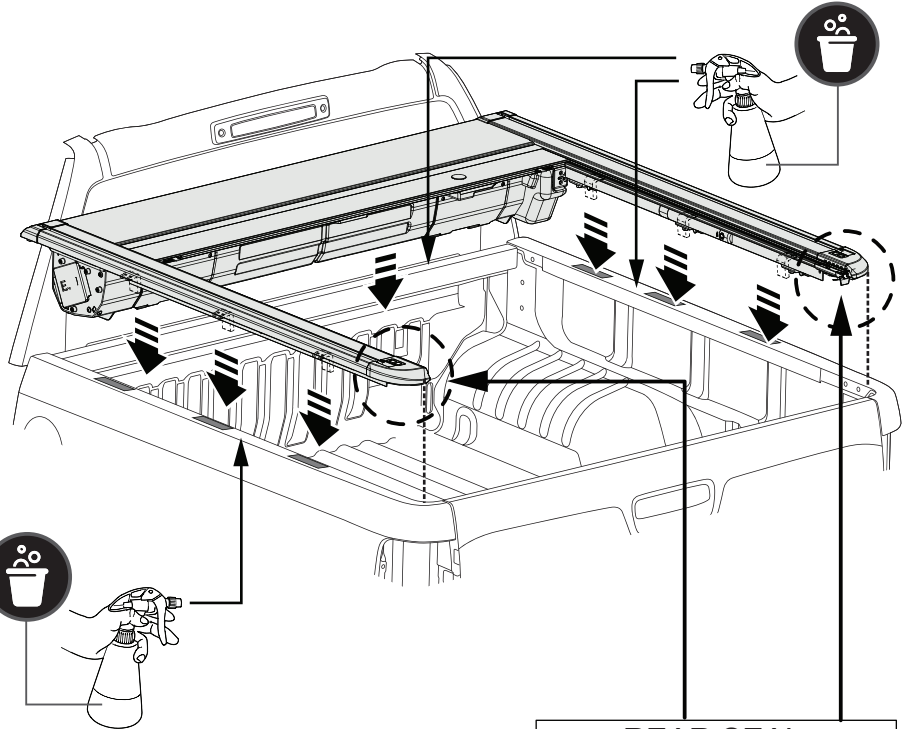
1 Measure the tailgate opening distance, determine the centre point and mark on a strip of tape placed on the tailgate as shown.

Install and centralise the Tailgate Rail (5) in position, ensuring the rail is sitting flush up against the tailgate. Place a straight edge as shown and mark a line on each side of the tub on the masking tape. Remove the Tailgate Rail (5).

CONTINUE ON THE NEXT PAGE



HEAVY



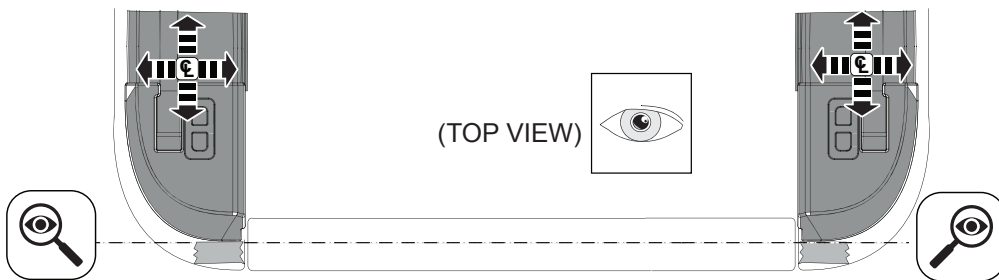
1 PUSH

2 CLICK

3 PULL

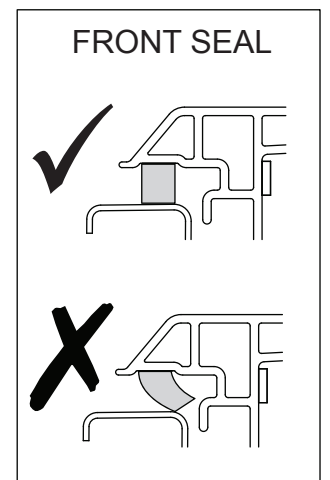
PULL THE CONNECTORS NOT THE CABLE

2 Spray the top surface of the tub liberally with a soapy water solution to enable the Cover to slide easily. Using two people to lift the cover from both sides and carefully lower it onto the tub. 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 rear seals are sitting vertically as illustrated.

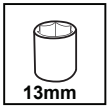


(TOP VIEW)

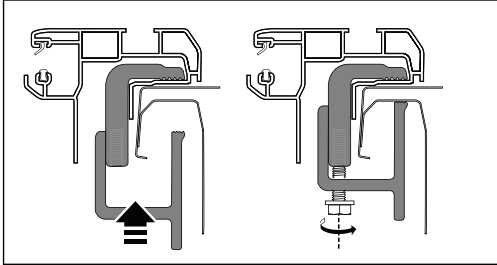
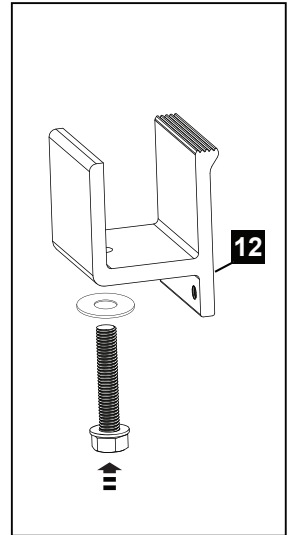
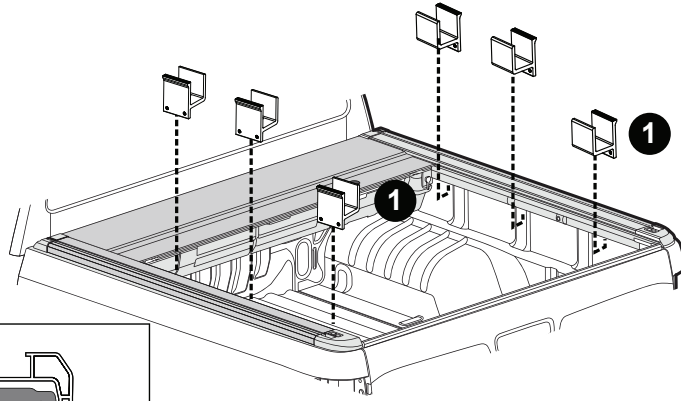
CENTRALISE AND ALIGN THE COVER TO THE MARKINGS



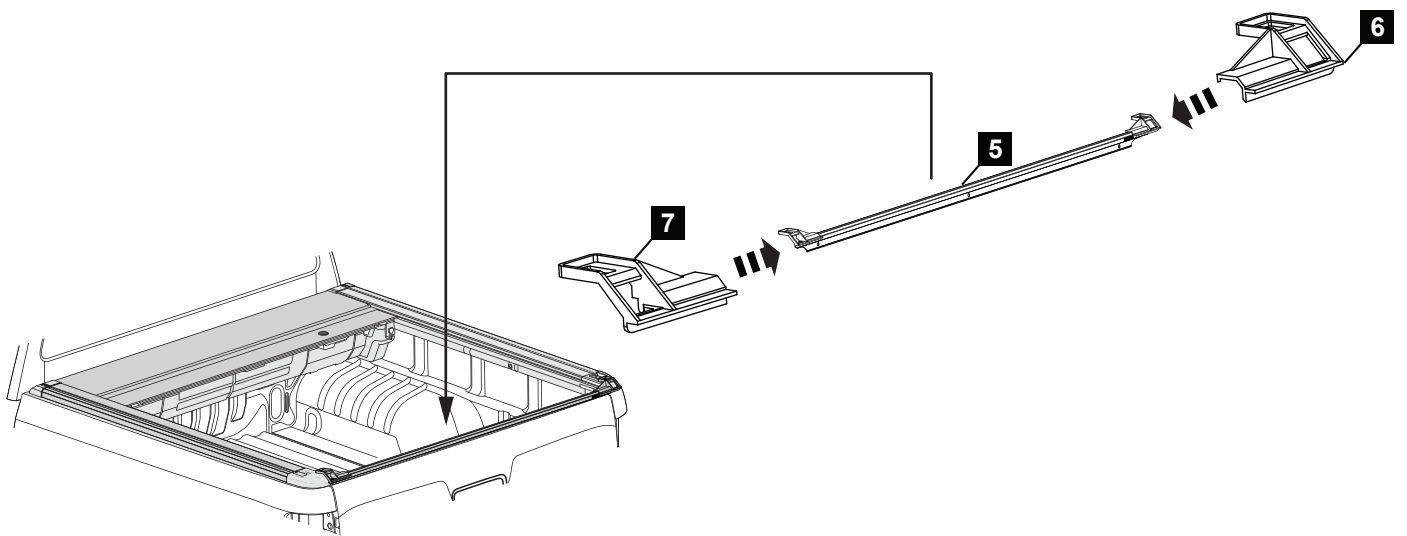
3 Adjust the cover so that it is aligned with the previous markings as shown. Ensure seals are not deformed by lifting cover and dropping vertically on tub.



13mm

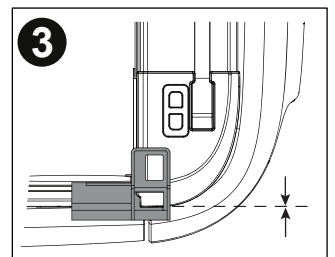
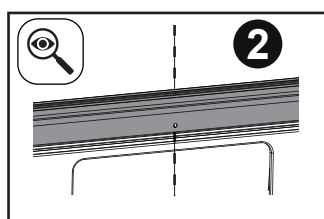
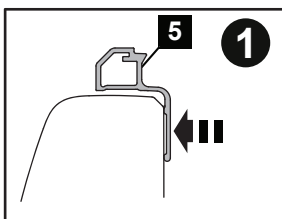
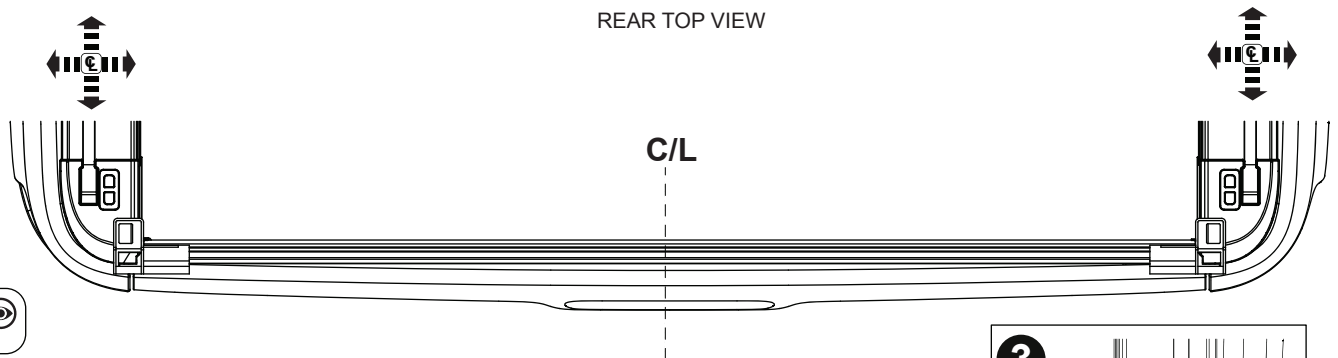


4 Loosely install the LHS and RHS clamp bases (12). DO NOT TIGHTEN. IMPORTANT: Ensure to install washers as supplied in the kit.



5 Open the tailgate. Assemble jigs to the tailgate rail, position on rear corners of the cover. Gently close tailgate.

REAR TOP VIEW



6 Press tailgate rail firmly against the tailgate. Check and adjust side to side by aligning the centre slot of the tailgate rail with pre marked centre line. Check front to back position of cover on tub using jigs as a guide.

10&13mm

x6

TORQUE TO 5.5Nm

SIDE VIEW

CLAMP PAD

A = A B = B

PERFORM FITMENT CHECK

ATTENTION: The side M6 bolts should be tightened until it contacts with the rectangular clamp pad. The bolts should not be tightened any further.

7 Torque (5.5Nm) the rear set of cover clamp bolts, ensuring cover does not move after tightening. Perform diagonal fitment check (bolts may need loosening for adjustment). At this stage the clamp bolts should be tightened from tailgate to the cab to 5.5Nm.

5

16 M6 NUTSERT QTY: 1

Nutsert Tool

PRESS

MARK AS SHOWN.

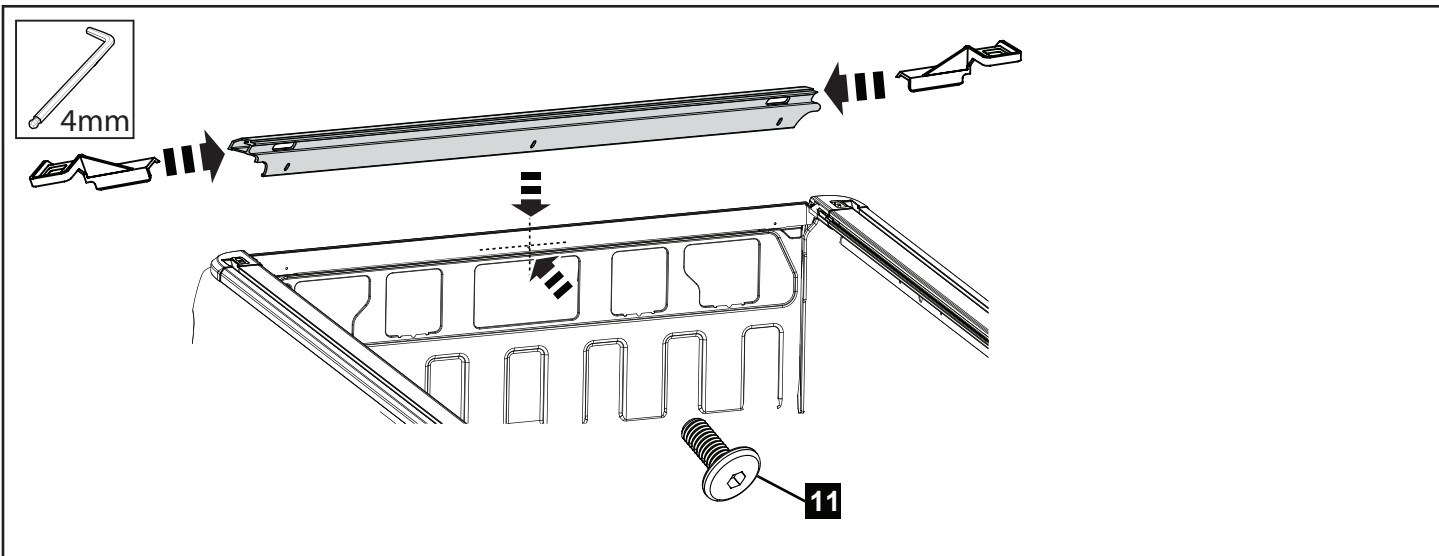
8 Ensure the Tailgate Rail (5) is pushed down and flush with the tailgate. Mark and centre punch the centre slot as shown. Remove tailgate rail and jigs. Drill marked location with 9mm Step Drill. Apply rust inhibitor to the hole in the tailgate. Using Nutsert tool fit 1 Nutserts to the tailgate.

15

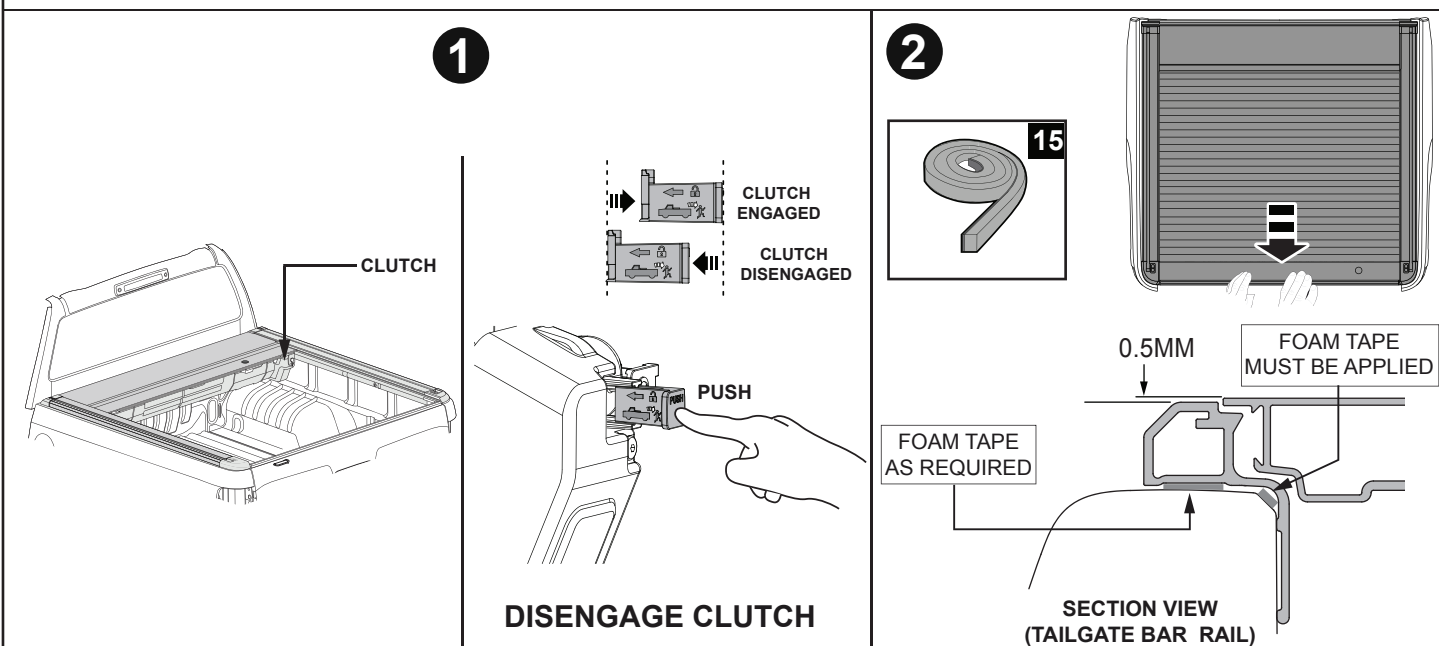
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FRONT

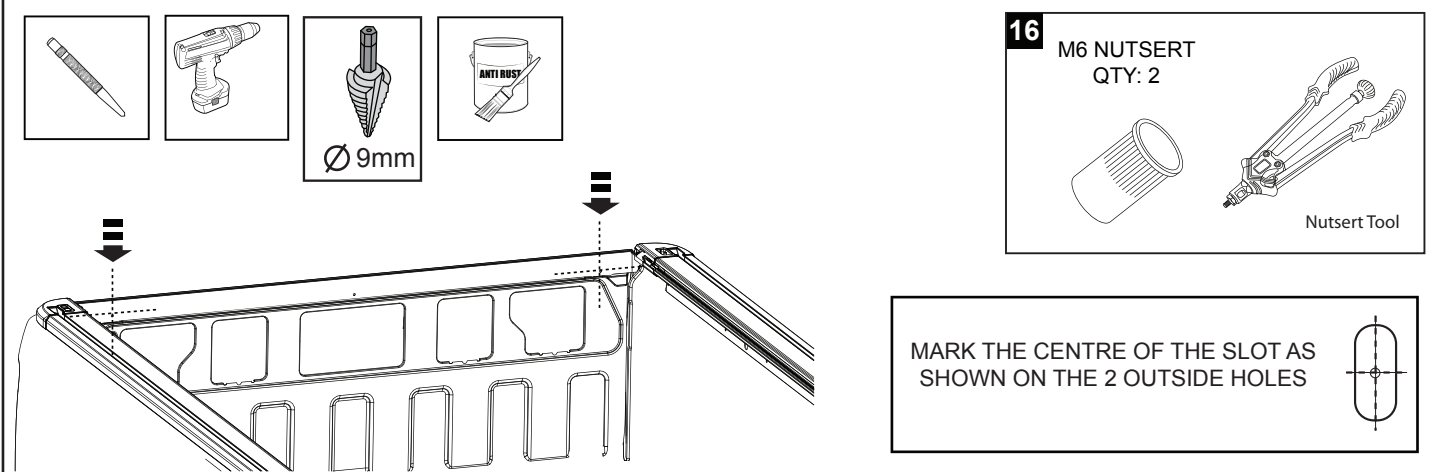
9 Clean tailgate with isopropyl alcohol (50/50), apply primer and let dry. Apply foam tape (15) to the tailgate inside top edge as shown in detail.



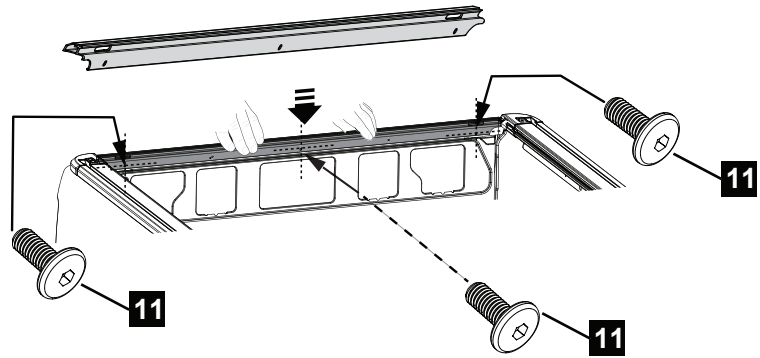
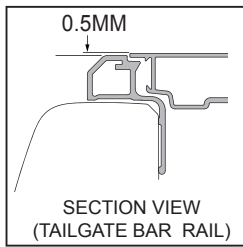
10 Refit the tailgate rail with the jigs to the tailgate. Push down hard in the centre above the bolt fixing onto the tailgate rail and secure with the centre bolt as shown. Torque to 5.5Nm. Remove the jigs.



11 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 to check it is rolling freely and the alignment is 0.5mm above the tailgate rail as shown in detail. **NOTE: At this stage tape may need to be applied to the tailgate rail in order to lift the tailgate rail to the 0.5mm level as required.**



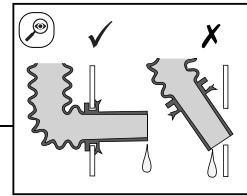
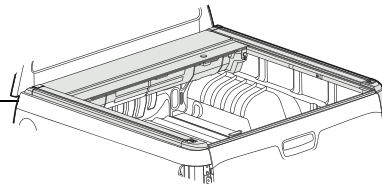
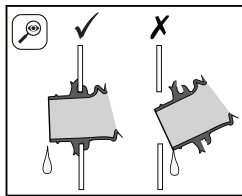
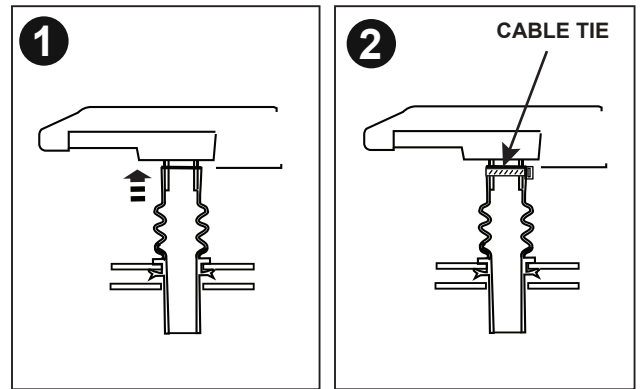
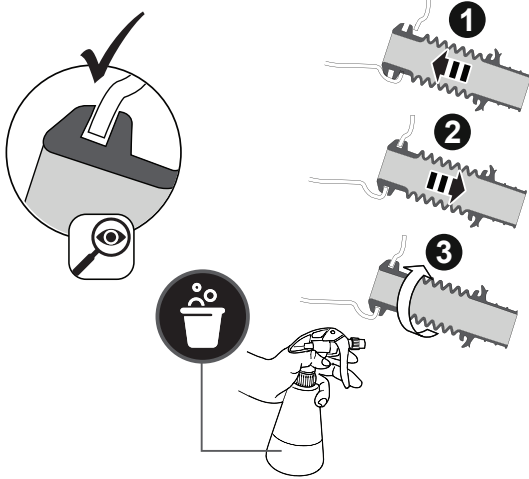
12 Mark the two outside slot holes. Remove the tailgate rail. Centre punch and drill the 2 marked slot positions with 9mm Step Drill. Apply rust inhibitor to the holes in the tailgate. Using Nutsert tool fit 2 Nutserts to the tailgate.



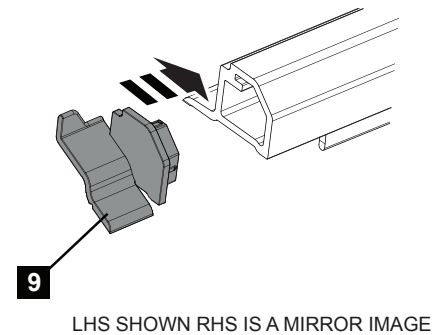
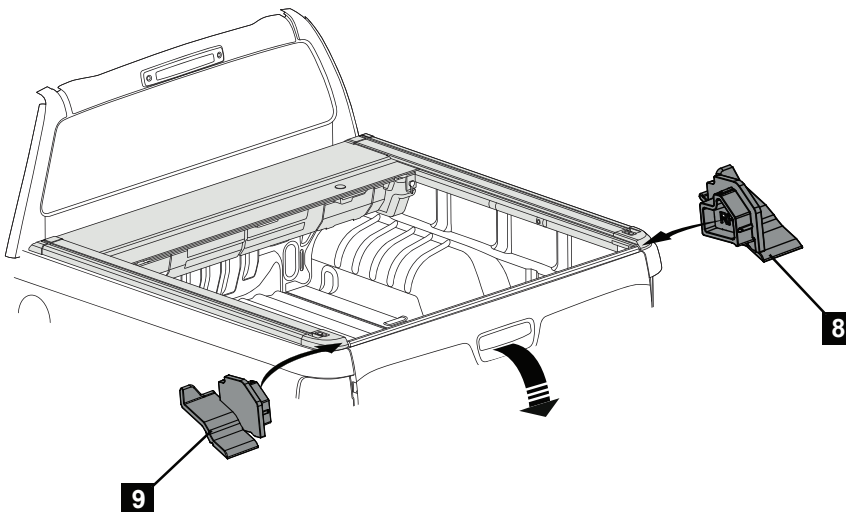
13 Fit tailgate rail, push down to previous position and tighten with 3 M6 screws (11). Check 0.5mm alignment prior to torquing the screws to 5.5Nm.

FIT FRONT DRAIN TUBES TO THE CANISTER

FIT REAR DRAIN TUBES TO THE CORNER BLOCKS



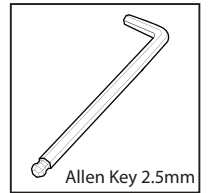
14 Connect the front drain tubes (13) to the canister cover as shown. Connect rear (14) drain tubes to the rear corner blocks and secure with cable ties. Leakage will occur if they are not properly installed.



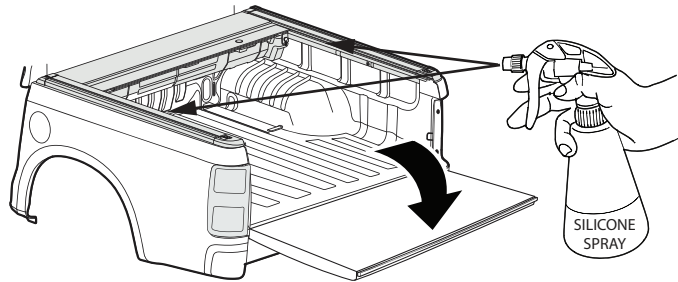
15 Open the tailgate and install the LHS (9) and RHS (8) Wiper Seals into the Tailgate Rail (3).

RECOMMENDATION: SILICONE LUBRICATION TO THE SPIRALS & SIDE RAILS

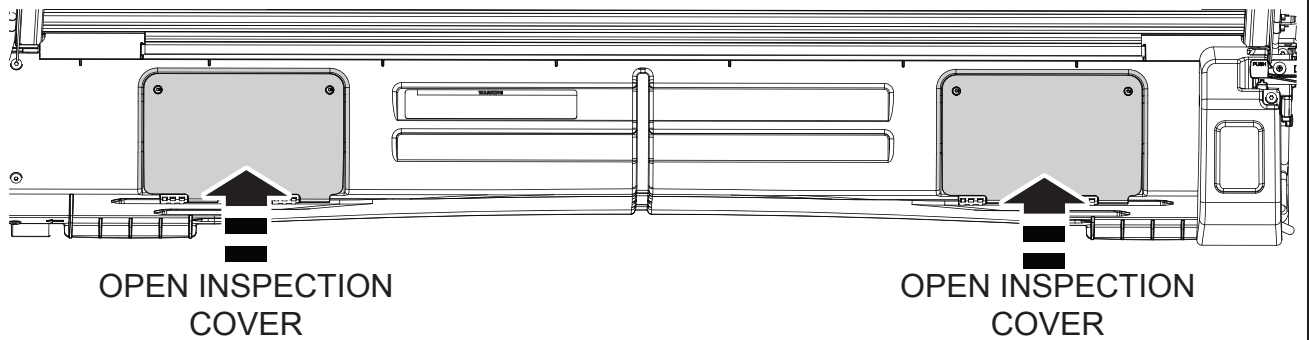
1. Open the tailgate (EGR RollTrac is in open position).
Using Silicone Spray (ONLY) spray onto both side rails.
2. Open both inspection covers.
3. Close the EGR RollTrac manually. NOTE: The motor clutch must be disengaged.
4. Using Silicone Spray (ONLY) spray onto the spirals on both sides of the canister.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



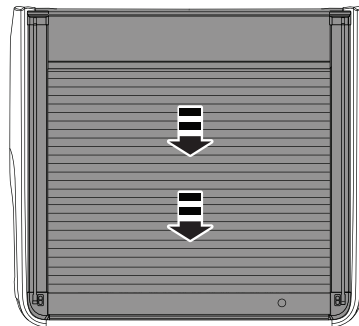
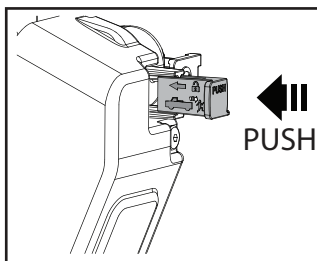
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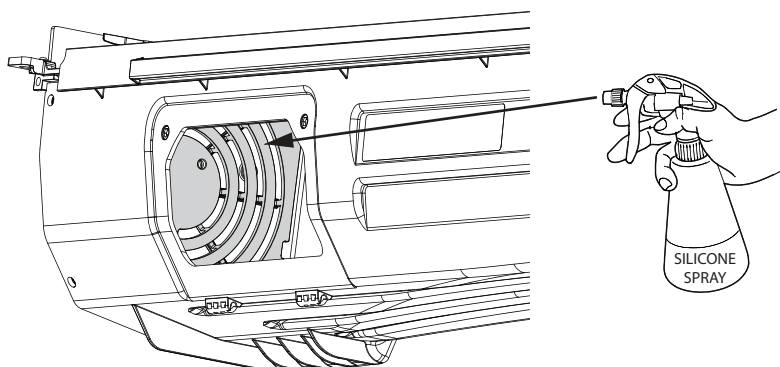
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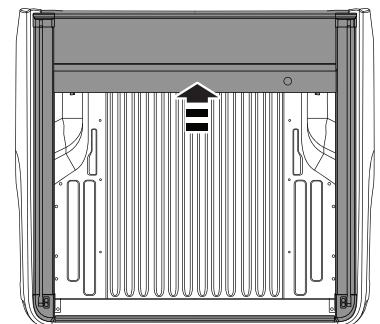
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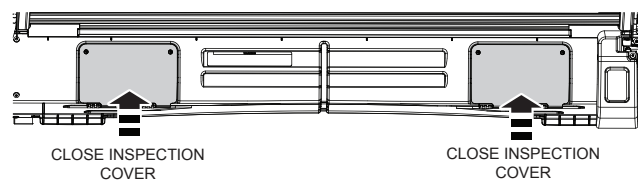
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5



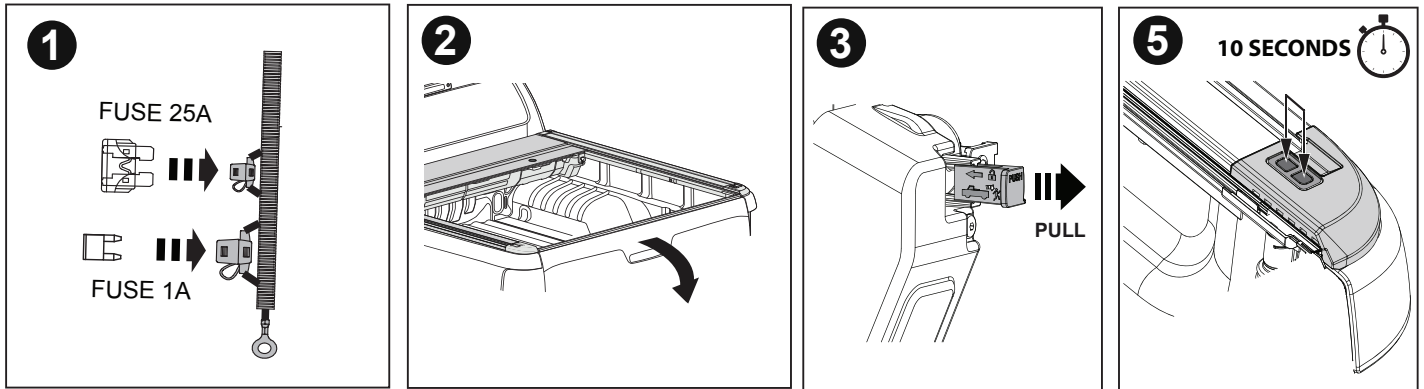
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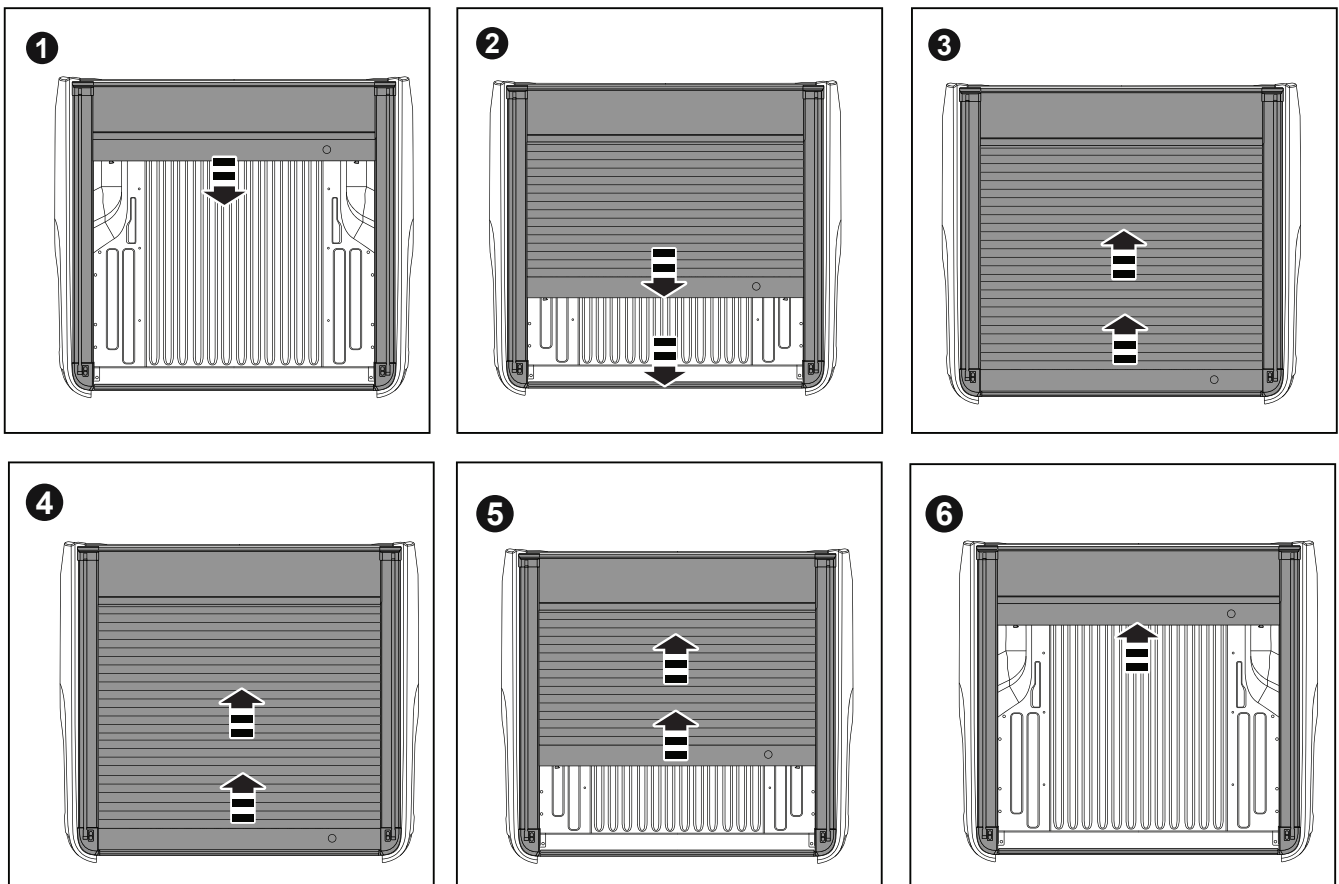
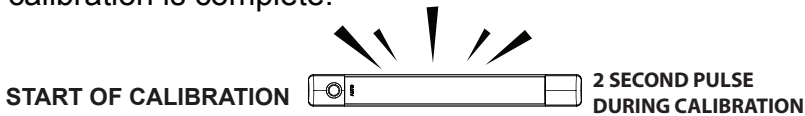
1. Insert fuse to EGR RollTrac harness.
2. Make sure the tailgate is open.
3. Engage motor, pull out lever (clutch).
4. Make sure the vehicle is unlocked and driver door open.
5. Press both buttons and hold for 10 sec. until light illuminates.



WARNING: Keep obstructions clear of cover during calibration mode.
IMPORTANT: Do not leave the Rolltrac keys inside the tub.

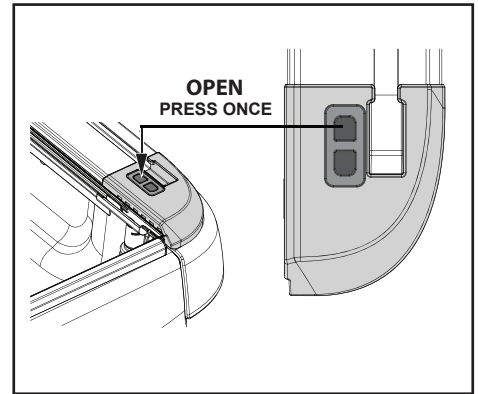
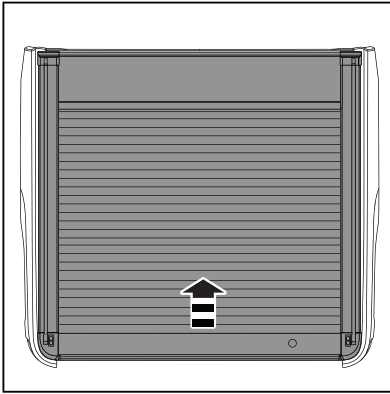


- Cover will open and close twice automatically.
- The EGR RollTrac internal LED light will pulse slowly during calibration and stop pulsing when calibration is complete.



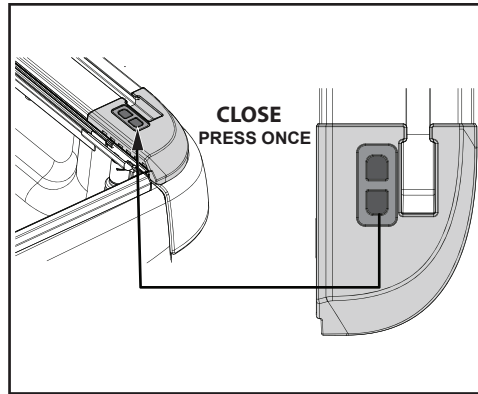
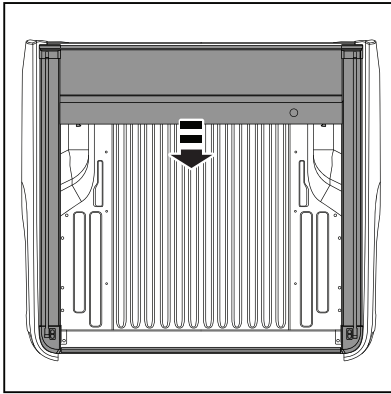
OPENING AND CLOSING PROCEDURE

Electric Opening Procedure:



1. Press the "UNLOCK" button on the car remote.
2. Press the front button on the EGR RollTrac side rail as shown.

Electric Closing Procedure:



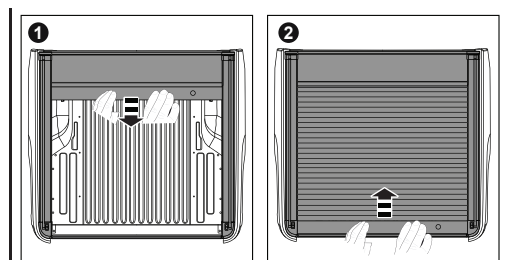
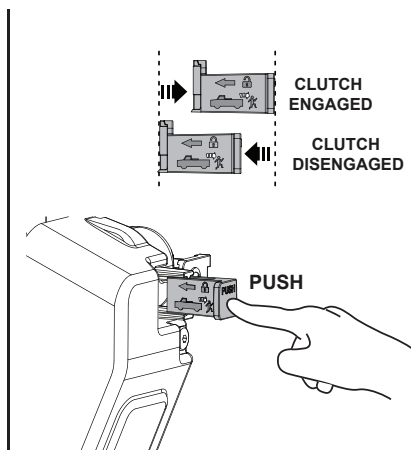
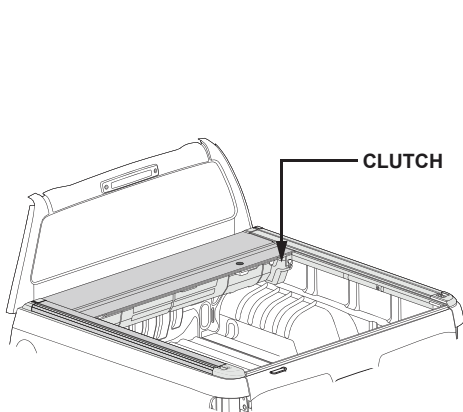
1. Press the rear button on the EGR RollTrac side rail as shown.
2. Press the "LOCK" button on the car remote.

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.

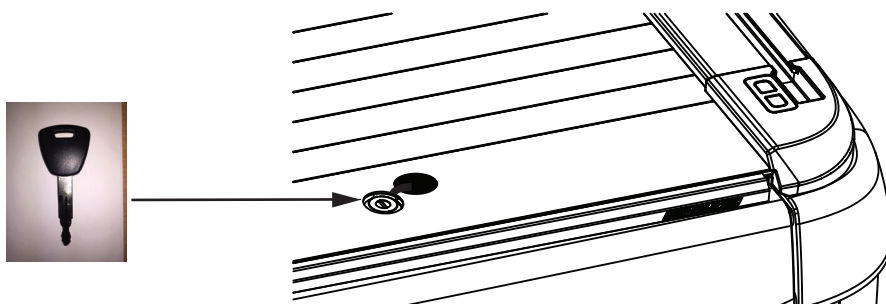
IMPORTANT: If clutch was disengaged, calibration procedure needs to be re-run prior to electric operation.



LOCKING PROCEDURE

Manual locking / unlocking using key:

1. Ensure cover is fully closed.
2. Open the rubber cap covering the lock and using the provided key turn RIGHT to lock and LEFT to unlock the cover.
3. Check lock engagement by opening the tailgate, if lock does not engage recheck cover installation



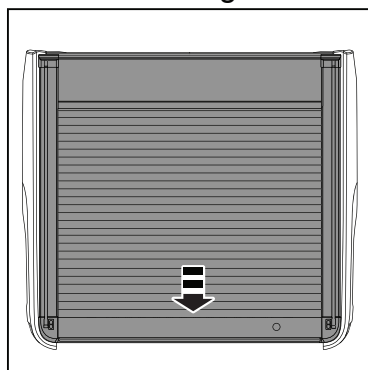
Electric locking / unlocking using key:

1. Ensure cover is fully closed.
2. Lock or unlock the cover by using button on the key remote.
3. Check lock engagement by opening the tailgate, if lock does not engage recheck cover installation

NOTE: If vehicle is locked, buttons are deactivated and cover will not open/close.

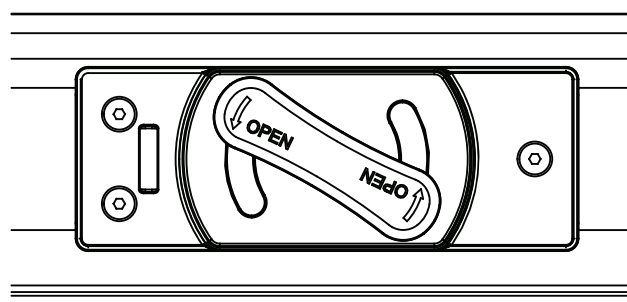
Lock latches will not activate until cover is in fully closed position.

Ensure to return tailgate to fully closed position prior to lock/unlock.



Emergency Opening:

1. The EGR RollTrac has an internal manual unlocking handle.
2. Test the operation by twisting the handle as indicated by the arrows and ensure latches move.



FINAL NOTES:

Dispose of all packaging and waste according to local regulations.

Retain your Owners Manual, Fitting Instructions and fitting jigs for future reference.

Refer to Owners Manual for operation, warranty, service and product care guidelines.

Complete the installation check list in Owners Manual and store keys safely.

Clean the EGR RollTrac using multi purpose cleaner to remove any residue from packaging and installation.