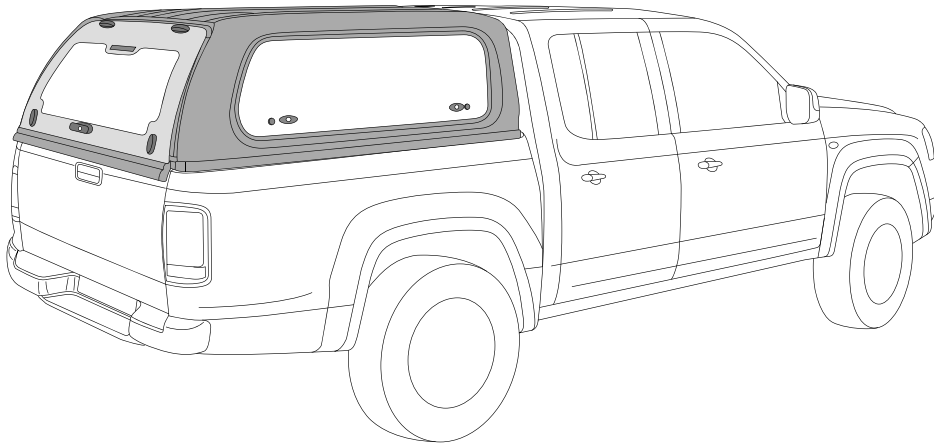


CANOPY INSTALLATION INSTRUCTIONS VW AMAROK MY17-



INSTALLATION TIME: 2.0 Hours (Approximately)

Important



- **Do not tighten any bolts, screws and nuts that are used in the window frames, locks and glass assemblies. This may cause water leaks along window frames and glass windows to shatter.**
- **Recommendation – If fitting this Canopy to a vehicle that has an integrated brake light in the tailgate, it is recommended to either disconnect the light in the tailgate, or the light in the door as per user preference. ADR legislation stipulates that only one centre rear brake light be operational.**
- **Read instructions carefully before installation.**
- **It is strongly recommended that installation is conducted by an authorized dealer.**
- **This product must be installed exactly as specified in these instructions. Failure to do so may result in improper fit and/or retention/failure of components.**
- **Recommend installation by two people (four people will be required to lift Canopy).**

CARE INSTRUCTIONS:



Clean Canopy with a mild detergent and water solution.



Do not use abrasive cleaners or solvents.

PERSONAL PROTECTIVE EQUIPMENT:



Mask



Rubber Gloves



Goggles



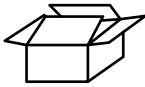
Hearing Protection

RECOMMENDED TOOL LIST - (Not Supplied in Kit)

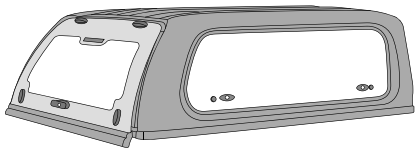
Knife
Squeegee
Torque wrench - 0-20Nm
Phillips head screwdriver
Dehousing tool
Side cutters
Spanners 10 & 13mm
Caulking gun
Soapy water
Non acetic silicone (neutral cure)

T30 torx drive screwdriver
Ruler and Tape measure
Clean dry cloths
Flat blade screwdriver
Light gauge plastic coated draw wire
Electrical tape
Engineers scribe
Drill & Ø5mm drill bit
File or deburring tool
Scissors

Rivet gun for stainless steel rivets
Sockets 10 & 13mm, extension bar and ratchet
Masking tape
Non permanent marker
Loctite 243 thread locking liquid
IPA spray (25% isopropyl alcohol & 75% water)



PARTS IN MAIN CARTON



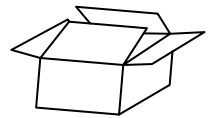
Canopy
Qty - 1



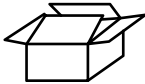
Front Tub Header Bar
(ALUM0043-7)
Qty - 1



Lock Keys
(Attached to
Rear Window Strut)
Qty - 2

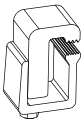


Fitting Kit
KIT035580
Qty - 1



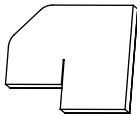
PARTS IN FITTING KIT

1



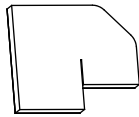
Rail Clamps
(CNPY0007B)
Qty - 6

2



LH-Tub Sealing Block
(TAPE0618-LH)
Qty - 1

3



RH-Tub Sealing Block
(TAPE0618-RH)
Qty - 1

4



Bulb Seal
70mm Cut Length
(MISC2600-1)
Qty - 2

5



Clear Tape Pad
50x30mm
(TAPE0011)
Qty - 6

6



Label Sticker
104x35mm
(LABL1441)
Qty - 1

7



M6 Flat Washer
OD 19mm
(WASH0169)
Qty - 8

8



M6 Nyloc Nut
SS304
(NUTS0016)
Qty - 4

9



Rivet SS304
(FAST0505)
Qty - 4

10



Hex Head Screw
M6x30
(SCRW0824)
Qty - 4

11



Clear Anti-abrasion
Tape Tub Corner
Die Cut Right Hand
(TAPE0627-RH)
Qty - 1

12



Rust Inhibitor
Sachet
(MISC2776)
Qty - 1

13



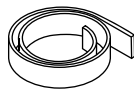
Primer Stick
(MISC1365)
Qty - 3

14



Alcohol Wipe
(MISC0052)
Qty - 8

15



Tape EPDM4300
5.5Mx20mmx6mm
(TAPE0386)
Qty - 1

16



Clear Abrasion
Tape Roll
48mm Wide
(TAPE0611-1)
Qty - 1

17



Vehicle Wiring Patch
Harness Kit
(LOOM0119)
Qty - 1

18



Clear Anti-abrasion
Tape Tub Corner
Die Cut Left Hand
(TAPE0627-LH)
Qty - 1

19



Fitting
Instruction
(FIT-CP0252a)
Qty - 1



VIEWS LOOKING UP INTO LEFT HAND SIDE FRONT VEHICLE TUB CORNER

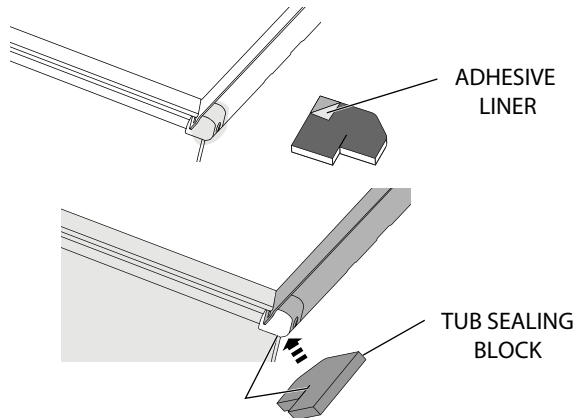


Diagram: 1 - TUB SEALING

1.

Using an alcohol wipe clean the front inside corners of the tub and wipe away residue with a clean dry cloth.

Apply supplied primer stick to the shaded areas (as shown) and allow to dry.

Remove the adhesive liner from the left hand tub sealing block.



Diagram: 2 - TUB SEALING

2.

Feed the tub sealing block through the opening allowing the split to sit over the sheet metal inner skin panel and firmly press into place (as shown). Ensure the perimeter of the tub sealing block makes contact with the tub's internal surfaces.

Repeat the process for the RHS of the vehicle using the right hand tub sealing block.

! Important: This step must be done properly to ensure the vehicle tub is sealed correctly.

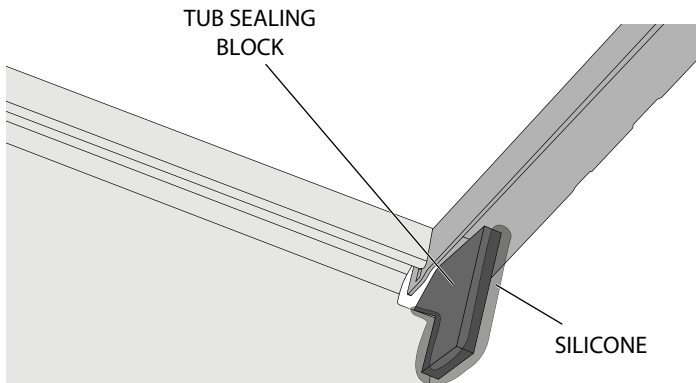


Diagram: 3 - TUB SEALING

3.

Apply non-acetic silicone (neutral cure) around the LHS tub sealing block and the inside of the tub (as shown).

Repeat process for the RHS of the vehicle.

! Important: This step must be done properly to ensure the vehicle tub is sealed correctly.

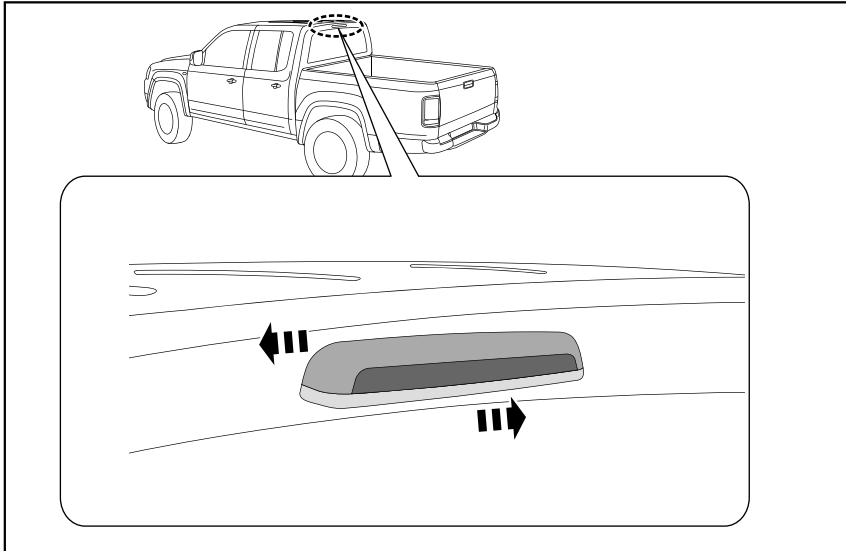


Diagram: 4 - STOP LAMP DISCONNECT

4.

Slide the stop lamp from right to left to remove it.

Disconnect the electrical connector and tape the loose loom back with electrical tape so the loom does not rattle.

Re-fit the stop lamp by sliding it on from left to right.

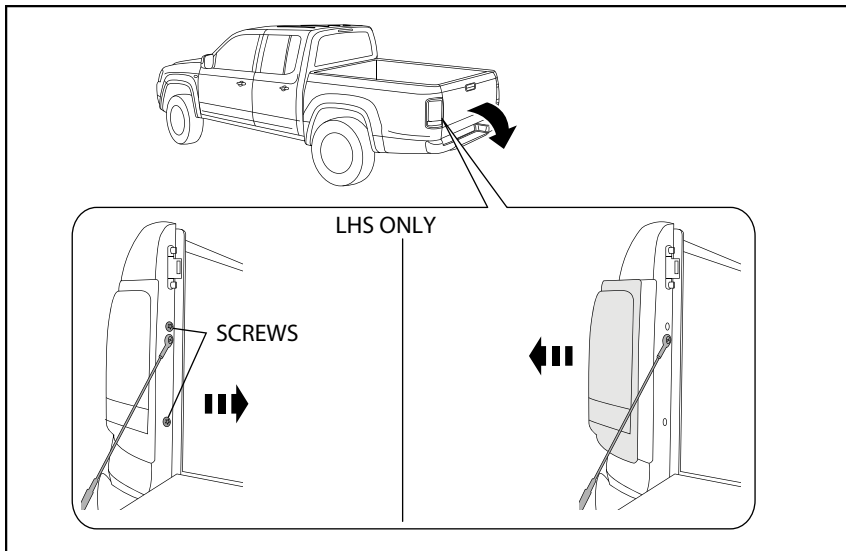


Diagram: 5 - TAIL LAMP REMOVAL

5.

Open the tailgate.

Remove and retain the two (2) screws from the LHS tail lamp, using a T30 torx drive screwdriver.

Remove the tail lamp by sliding it to the left to disengage it from the vehicle body.

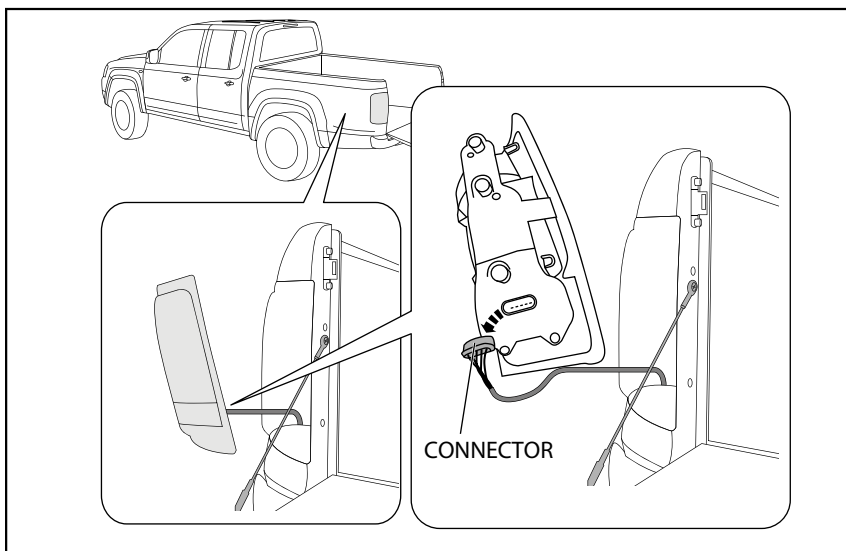


Diagram: 6 - TAIL LAMP DISCONNECT

6.

Disconnect the electrical connector from the LHS tail lamp.

Store the tail lamp in a safe place.

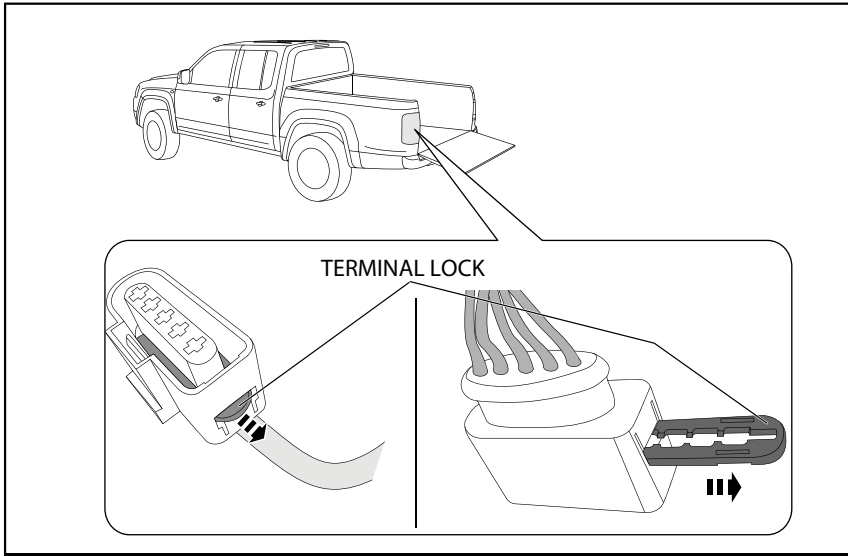


Diagram: 7 - TAIL LAMP WIRING

7.

Remove the terminal lock from the tail lamp electrical connector (as shown).

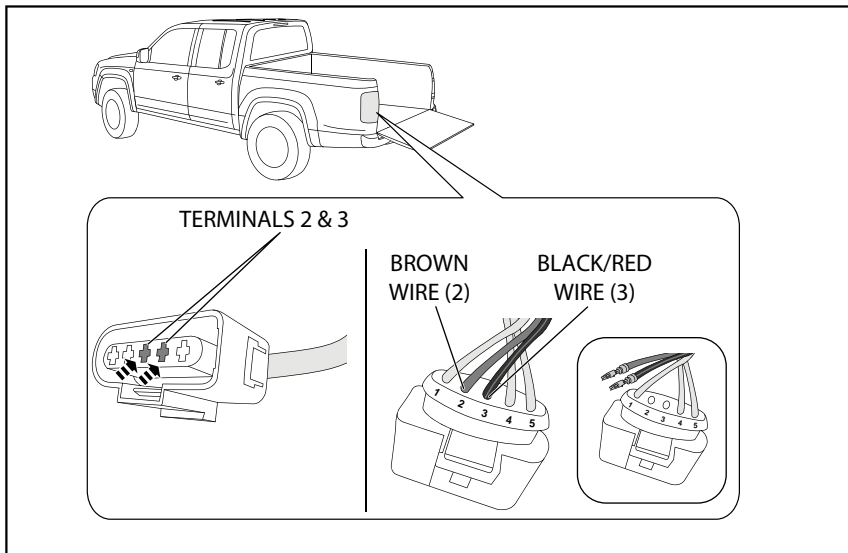


Diagram: 8 - TAIL LAMP WIRING

8.

Using a dehousing tool, remove the brown wire from terminal 2 and the black/red wire from terminal 3.

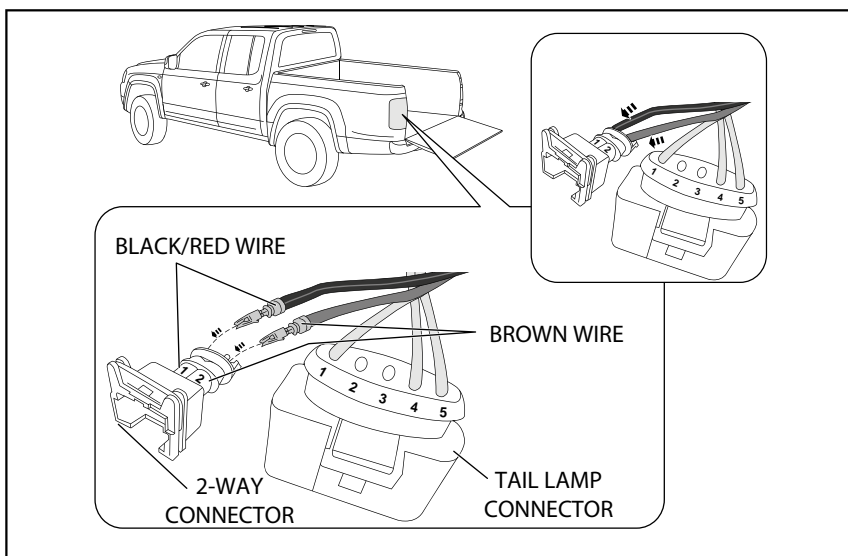


Diagram: 9 - TAIL LAMP WIRING

9.

Fit the previously removed wire terminals into the 2-way connector supplied in the hardware kit. Ensure the black/red wire goes into terminal 1 and the brown wire goes into terminal 2 as shown. Terminals will go in one way only. When fitted correctly a 'CLICK' can be felt and heard, and you will not be able to pull the terminals out of the connector. Pull terminals gently to ensure they can not be pulled out.

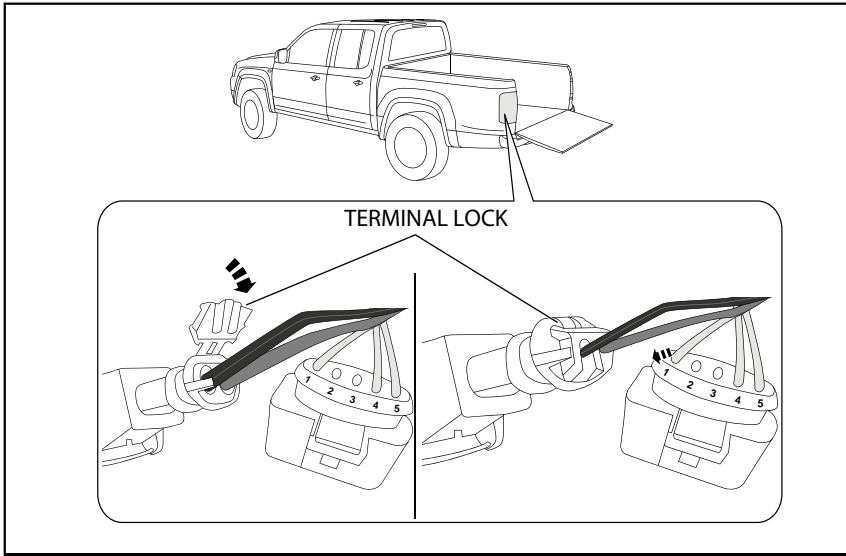


Diagram: 10 - TAIL LAMP WIRING

10.

When the wires are correctly fitted close the terminal lock on the 2-way connector so it snaps firmly into place.

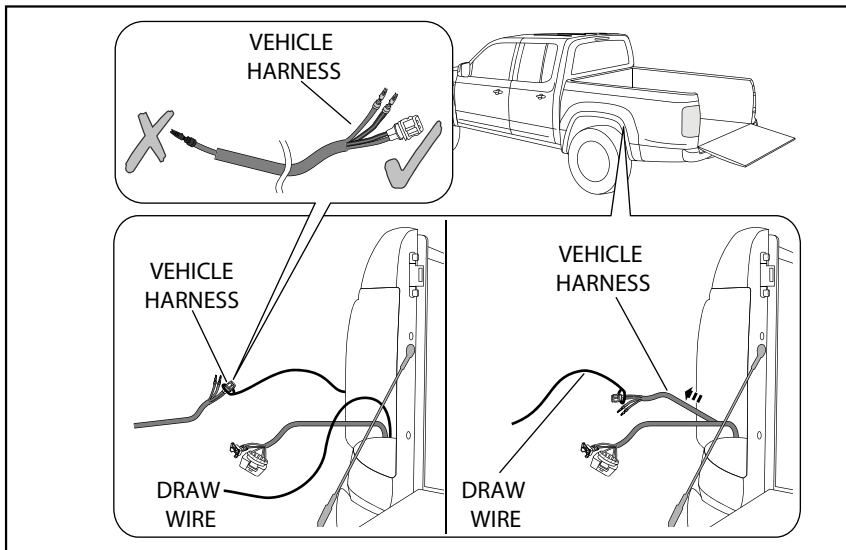


Diagram: 11 - TAIL LAMP WIRING

11.

Feed the light gauge plastic coated draw wire through the gap between the sheet metal surfaces, in the LHS tail light cavity.

Under the vehicle, attach the light gauge plastic coated draw wire to the end of the vehicle wiring patch harness with the black 2-pin connector and two (2) loose wires (as shown), using electrical tape.

Using the draw wire, pull the vehicle wiring patch harness up from the vehicle underbody until it reaches the tail light cavity.

Remove the light gauge plastic coated draw wire.

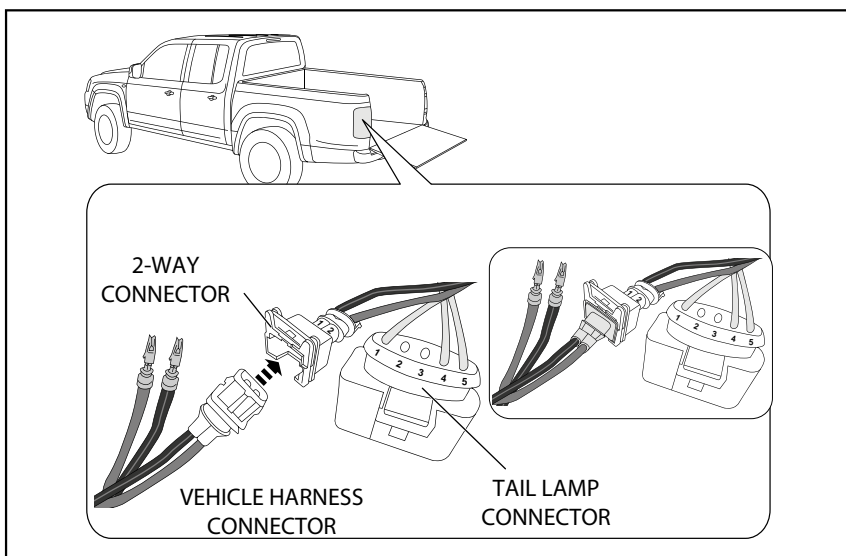
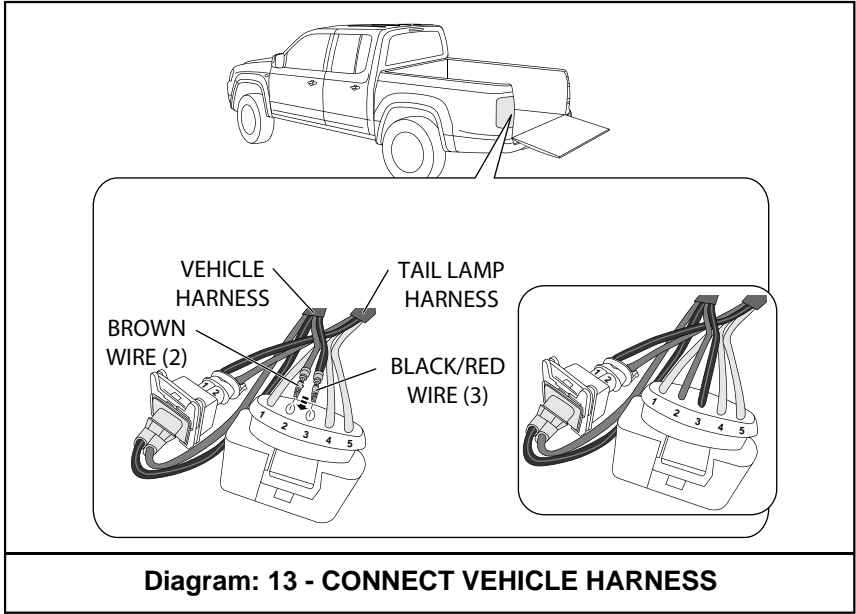


Diagram: 12 - TAIL LAMP WIRING

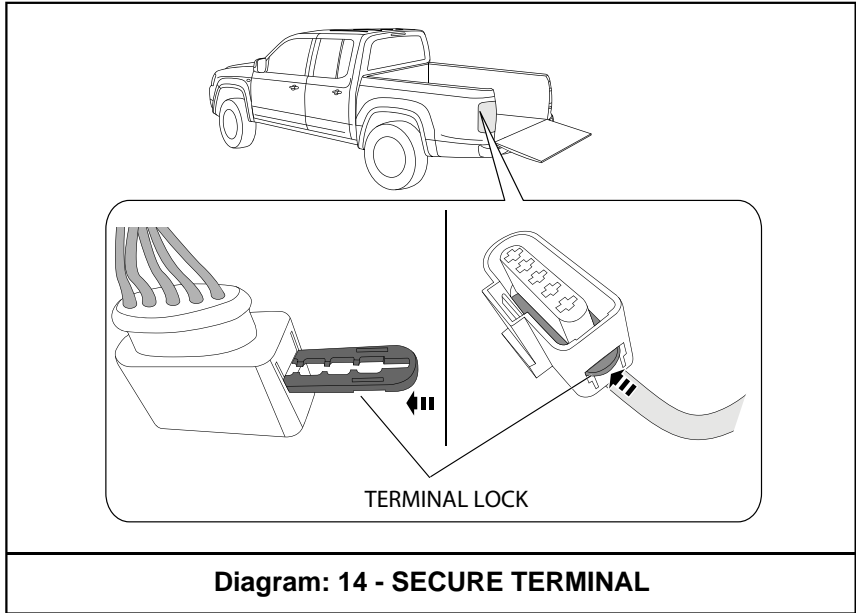
12.

Connect the vehicle harness connector to the 2-way connector inside the LHS tail light cavity. Ensure connectors 'CLICK' into place and can not be pulled apart. Pull connectors gently to ensure they cannot be pulled out.



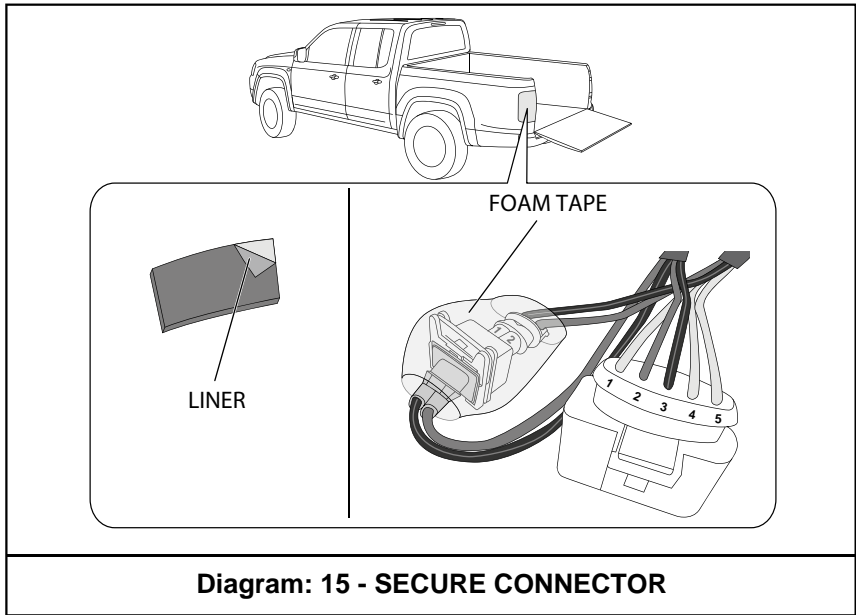
13.

Fit the two (2) loose wires from the vehicle harness into the terminals on the tail lamp connector (as shown). Ensure the black/red wire goes into terminal 3 and the brown wire goes into terminal 2 (as shown). Terminals will go in one way only. When fitted correctly a 'CLICK' can be felt and heard, and you will not be able to pull the terminals out of the connector. Pull terminals gently to ensure they can not be pulled out.



14.

Re-fit the terminal lock into the tail lamp connector (as shown). Ensure it is pushed all the way back in.



15.

Remove the adhesive liner from the foam tape supplied in the wiring harness hardware kit and wrap it around the 2-way connector and vehicle harness connector (as shown).

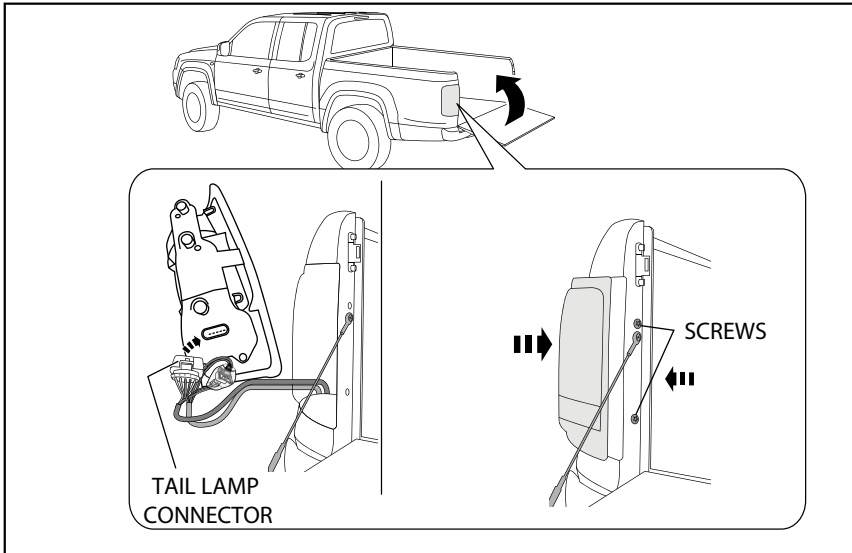


Diagram: 16 - REFIT TAIL LAMP

16.

Re-connect the tail lamp connector to the tail lamp.

Neatly position the harnesses inside the tail lamp cavity and re-fit the LHS tail lamp to the vehicle by locating it on the ball fixings and sliding the tail lamp to the right. Secure to the vehicle with the two (2) (previously removed) screws.

Close the tailgate.

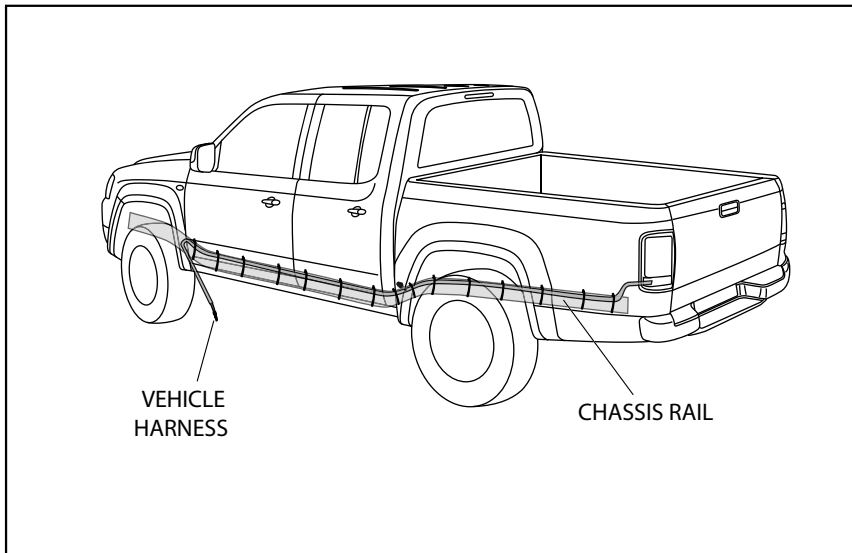


Diagram: 17 - ATTACH VEHICLE HARNESS

17.

Run the vehicle harness along the chassis rail following the existing wiring, up to the front left hand wheel arch (as shown).

Use the short 200mm cable ties to secure the vehicle harness to the existing vehicle harness every 300-400mm.

Use the long 430mm cable ties to secure the vehicle harness to the chassis rail at the rear, where there is no vehicle harness to follow.

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.

! Important: Ensure harness is run on the outside chassis rail and clear of exhaust.

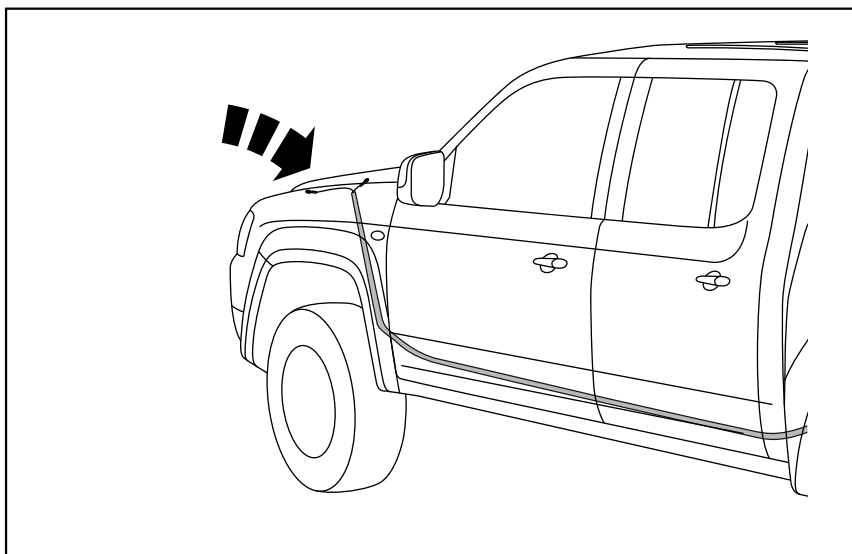


Diagram: 18 - FEED HARNESS INTO THE ENGINE BAY

18.

Open & secure bonnet use draw wire to pull harness up to battery terminals.

6 CYLINDER ENGINE BATTERY CONNECTION

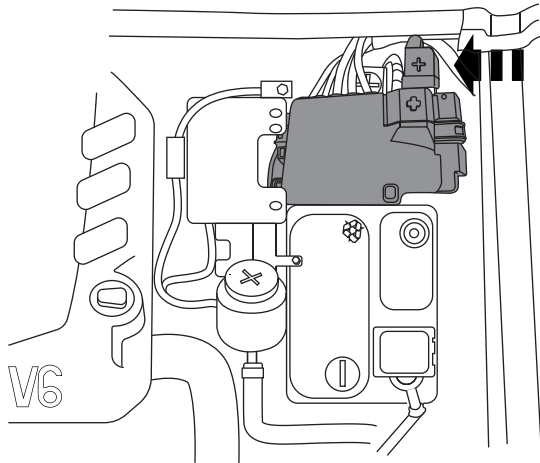


Diagram: 19 - REMOVE BATTERY COVER

19.

Remove battery terminal cover.

6 CYLINDER ENGINE BATTERY CONNECTION

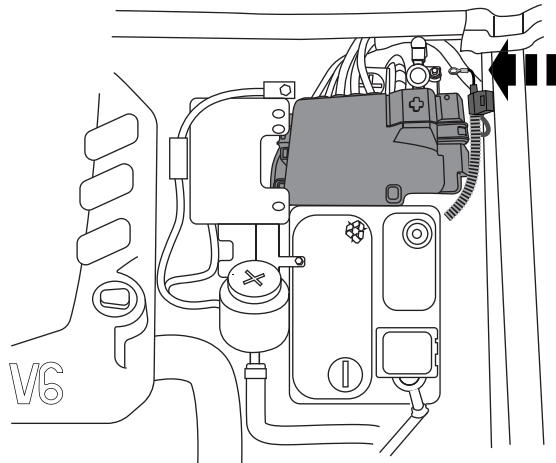


Diagram: 20 - CONNECT HARNESS

20.

Remove the hex nut from the positive terminal and secure the harness eyelet to the terminal.

Replace battery terminal cover.

4 CYLINDER ENGINE BATTERY CONNECTION

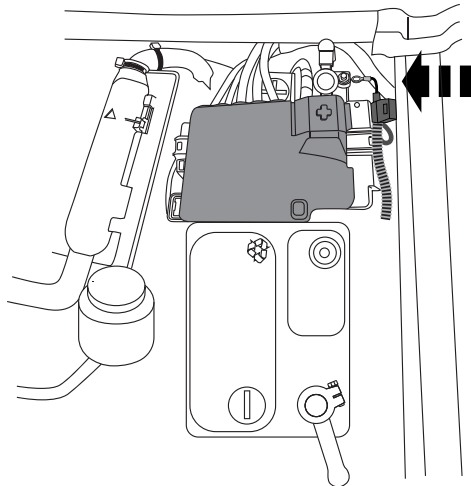


Diagram: 21 - CONNECT HARNESS

21.

Remove the hex nut from the positive terminal and secure the harness eyelet to the terminal.

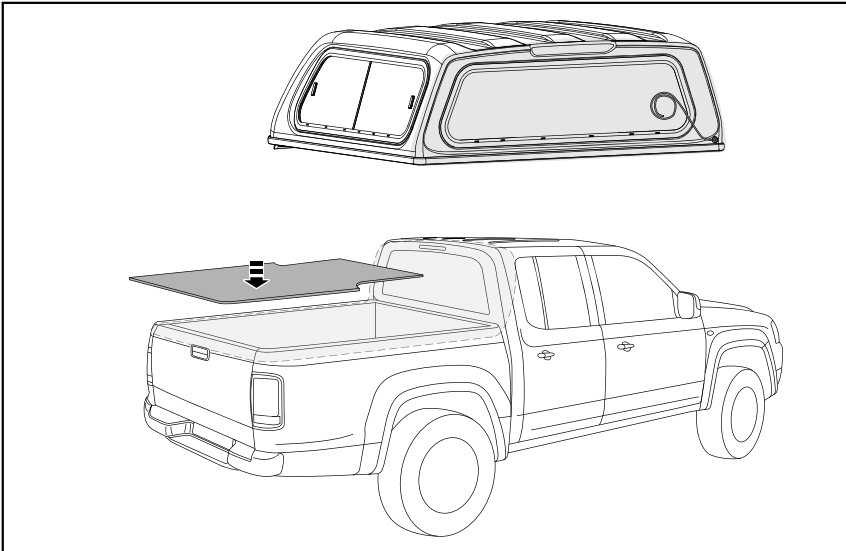


Diagram: 22 - CLEAN TUB AND CANOPY

22.

Thoroughly clean and dry the installation areas (tub, rear of cabin and glass) as shown. Clean the front of the canopy including the front window.

Using cardboard cut from the canopy carton, cut and place a piece inside the tub on the floor as a protection mat while installing the canopy.

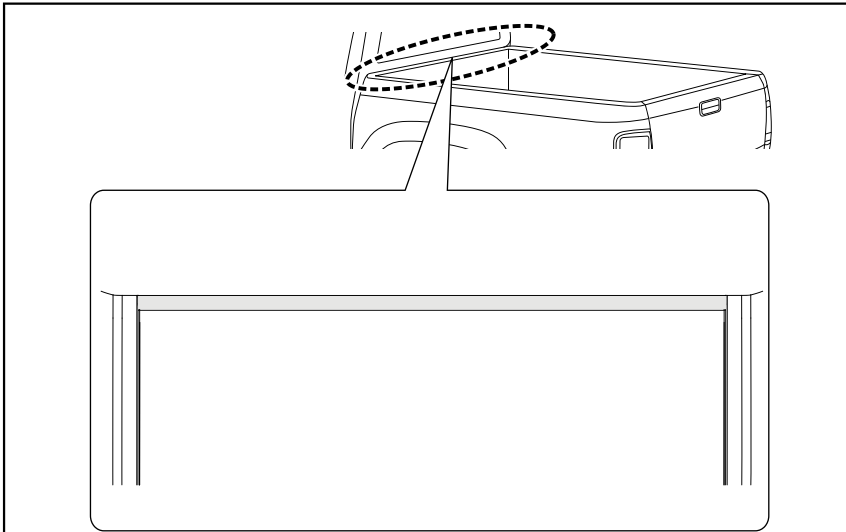


Diagram: 23 - CLEAN AND PRIME TUB

23.

Using an alcohol wipe clean the top surface of the front rail and wipe away residue with a clean dry cloth.

If heavy cleaning is required use IPA spray and wipe away residue with a clean dry cloth.

Apply supplied primer stick along half the rear edge width of the front tub rail (as shown) and allow to dry.

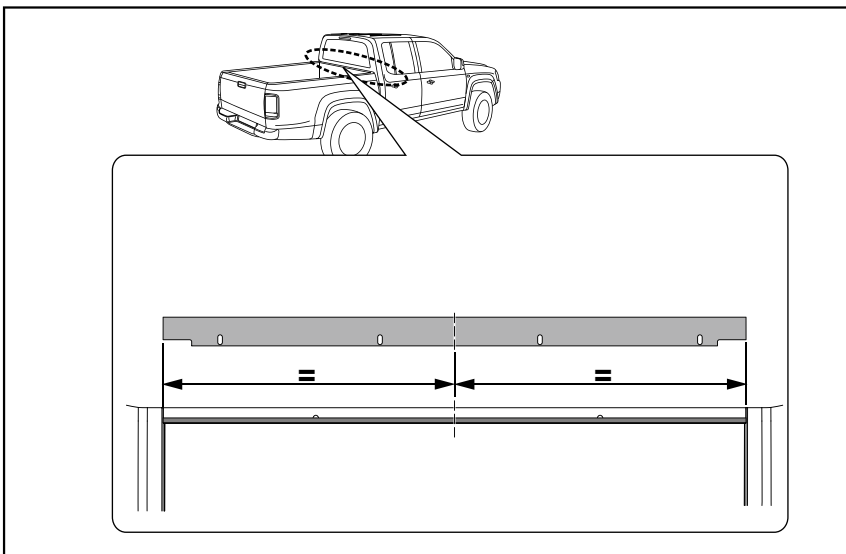


Diagram: 24 - FIT HEADER RAIL

24.

Using a non permanent marker, measure and mark a line across the centre of the header rail and the centre of the front rail on the tub (as shown).

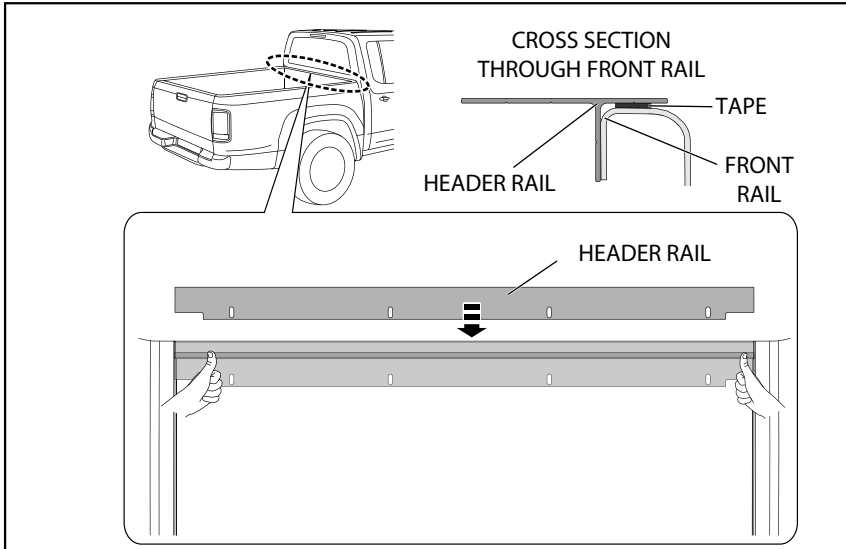


Diagram: 25 - FIT HEADER RAIL

25.

Remove the liner from the double sided tape applied to the header rail.

Fit the header rail to the front rail over the tape, aligning with the previously marked centre lines.

! Important: Ensure the short face sits over the front rail, and the long face with slots overhangs into the tub (as shown).

Apply firm pressure forward and down on the header rail to ensure maximum adhesion of the foam tape.

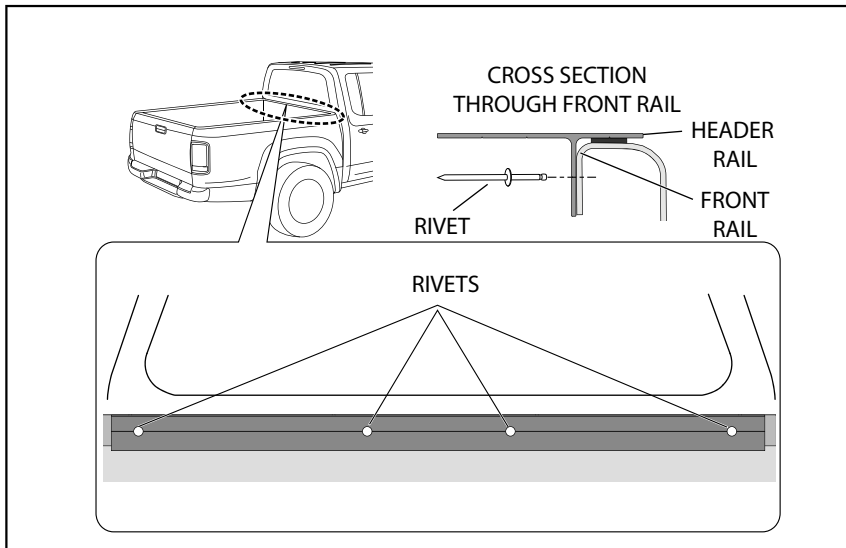


Diagram: 26 - SECURE HEADER RAIL

26.

Drill through the four (4) existing Ø5mm holes in the front header rail, through the vehicle front sheetmetal tub.

Apply rust inhibitor to all drilled holes in the tub sheet metal.

Rivet in position with four (4) rivets, that must secure to flat form on tub.

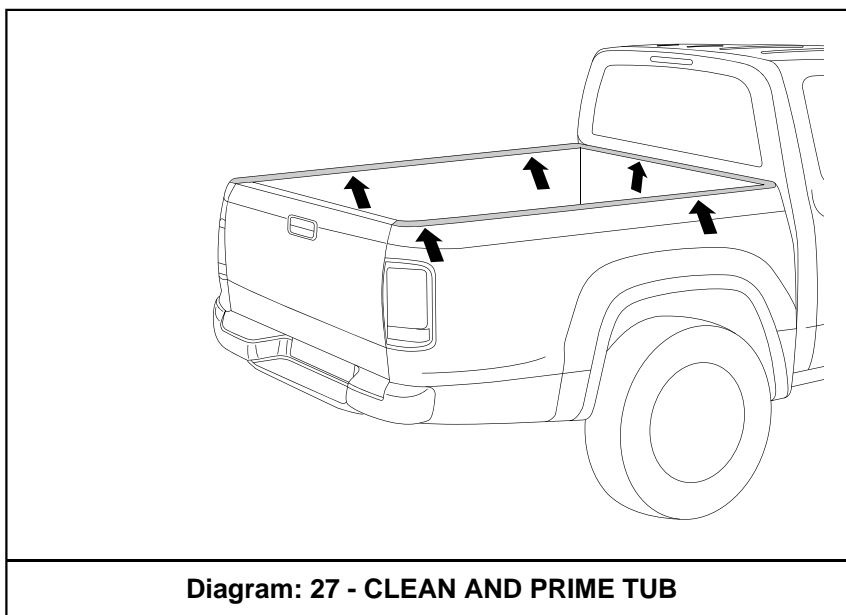


Diagram: 27 - CLEAN AND PRIME TUB

27.

Using an alcohol wipe clean all the top rail areas of the tub and header rail. Wipe away residue with a clean dry cloth. If heavy cleaning is required use IPA spray and wipe away residue with a clean dry cloth.

Using the supplied primer stick prime the top rails of the tub (as shown).

! Important: Do not prime too far over the sides of the top rails. Read (step 28) to understand where the foam tape is to be positioned and use this as a guide for priming the area. Follow the instructions on the primer stick for optimum results.

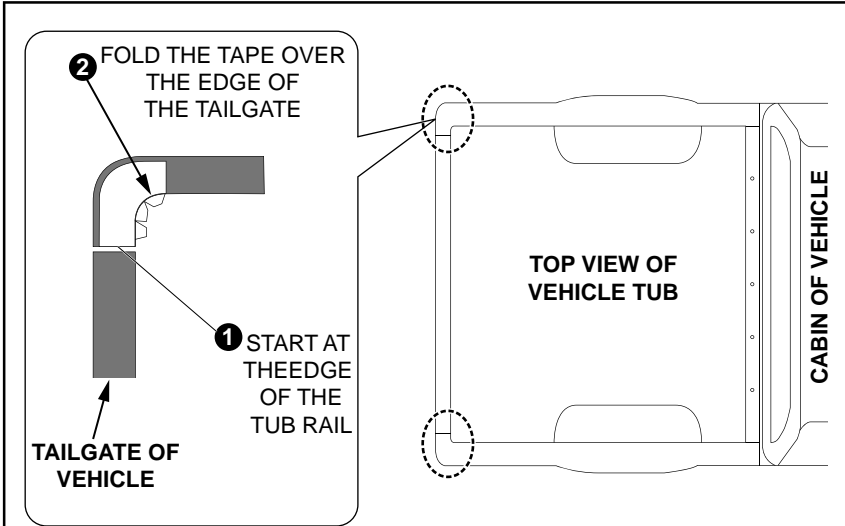


Diagram: 28 - APPLY ANTI-ABRASION TAPE

28.

Ensure top of the tub rear corner is clean. Clean with isopropyl alcohol. Spray rear corners of top of the tub rails using a spray bottle and a mixture of 25% isopropyl alcohol and 75% water (not supplied). On the left hand side of the tub corner, position clear anti-abrasion tape die cut (TAPE0627-LH) and remove backing paper from tape. Fold the tape v-cut sections over the edge of the tailgate. Use squeegee to push out any excess water solution and bubbles. Wipe away and dry with clean cloth. Repeat for the right hand side.

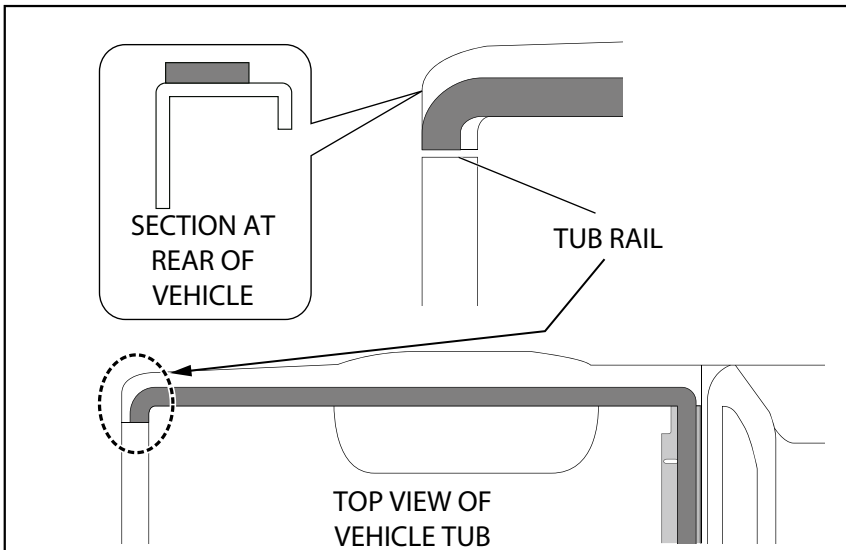


Diagram: 29 - APPLY TAPE TO THE TUB

29.

Apply EPDM foam tape from the hardware kit to the vehicle tub rails (as shown).

Starting from the LHS rear corner, position the tape end in line with the edge of the tub rail.

- ! Important: Do not cut the foam tape until Step 32.
- ! Important: Tape MUST be fully adhered to the tub rails and header rail, and sit flat in one continuous length to prevent water entering the canopy.

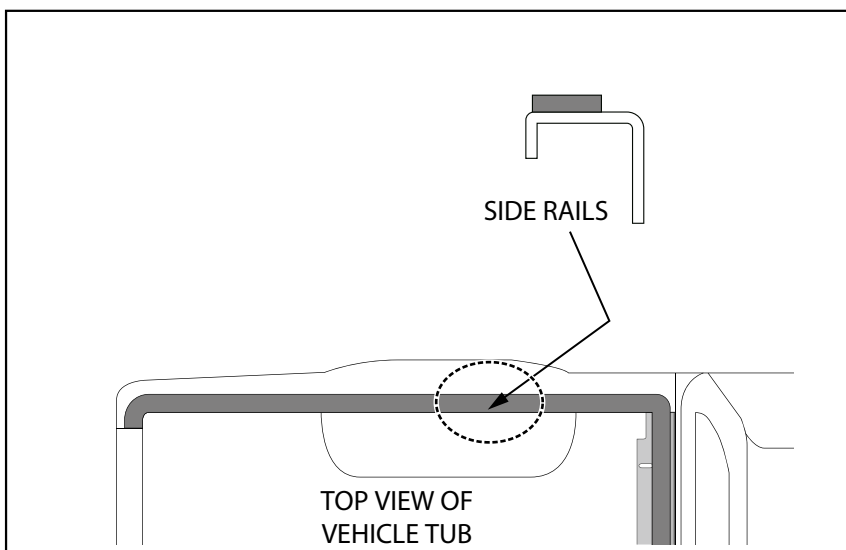


Diagram: 30 - APPLY TAPE TO THE TUB

30.

Apply tape to the edge of the inside radius of the top tub rail and continue this position all the way along the side rail in one continuous length.

- ! Important: Do not cut the foam tape until Step 32.

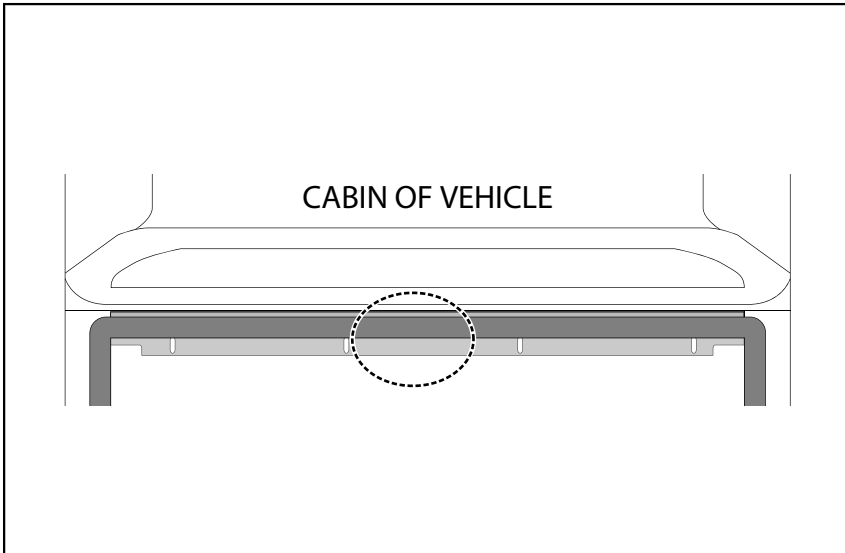


Diagram: 31 - APPLY TAPE TO THE TUB

31.

Route the foam tape along the tub rail behind the cabin, ensuring it is spaced 25mm rearward of the tub rail edge (as shown).

! Important: Do not cut the foam tape until Step 32.

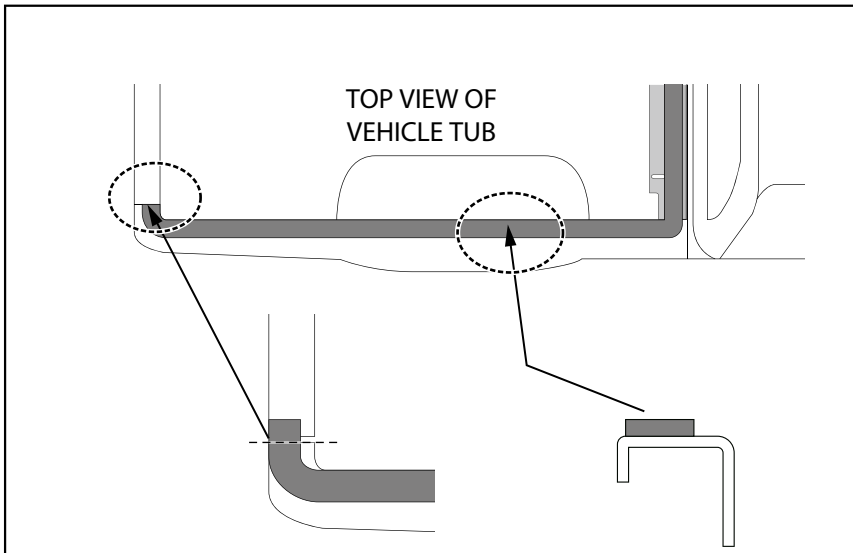


Diagram: 32 - APPLY TAPE TO THE TUB

32.

Continue routing the foam tape along the RHS tub rail toward the rear of the vehicle.

Trim off excess tape to the edge of the tub rail (as shown).

! Important: Ensure all foam tape areas are fully adhered to the tub by applying moderate pressure down on the tape all the way around the tub rails.

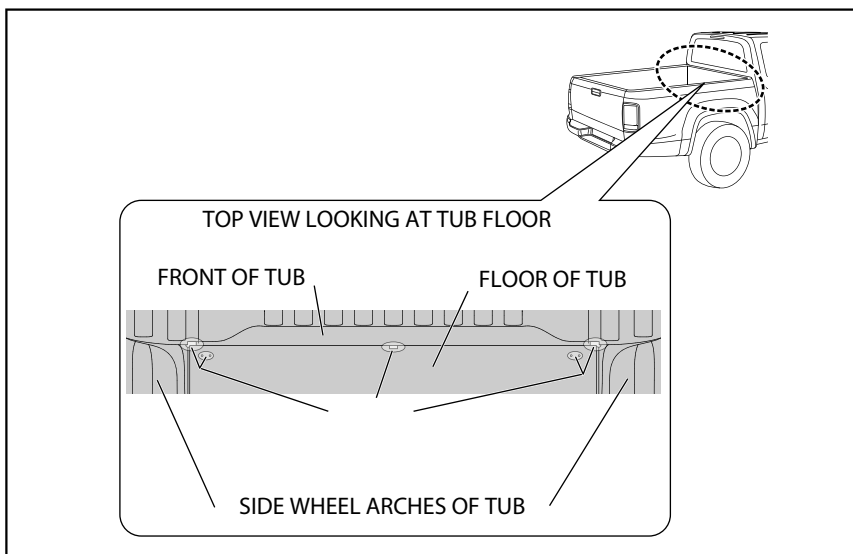


Diagram: 33 - SEAL THE TUB

33.

Apply silicone to all openings and holes in the tub floor (as shown).

! Important: This step must be done properly to ensure the vehicle tub is sealed correctly.

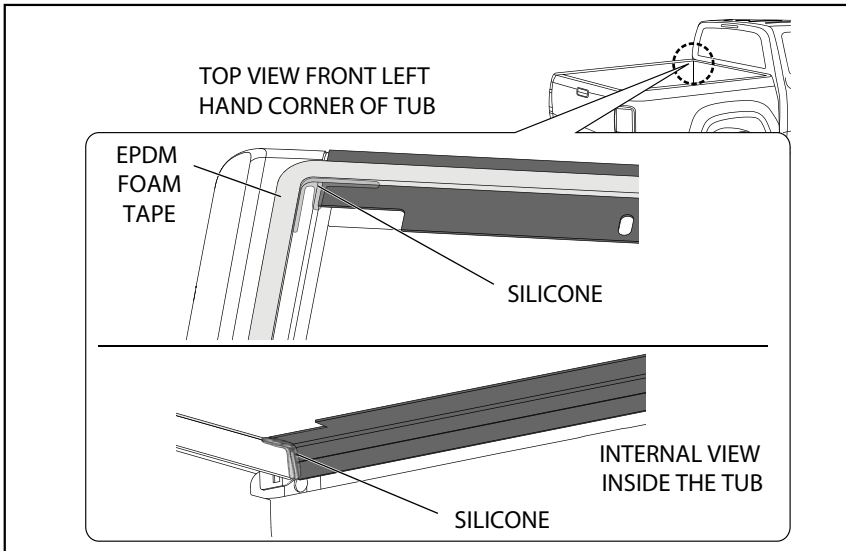


Diagram: 34 - SEAL THE TUB

34.

With a clean dry cloth wipe down all areas of the front tub corners to be siliconed as shown. Spray areas to be siliconed with water. Do not dry.

Apply non-acetic silicone (neutral cure) to the top of the tub and header rail around the foam tape and inside the tub at the join between the front and side panels. Re-spray silicone with water and push silicone into gaps.

Clean up excess silicone.

Repeat process for the other side of the vehicle.

! Important: This step must be done properly to ensure the vehicle tub is sealed correctly.

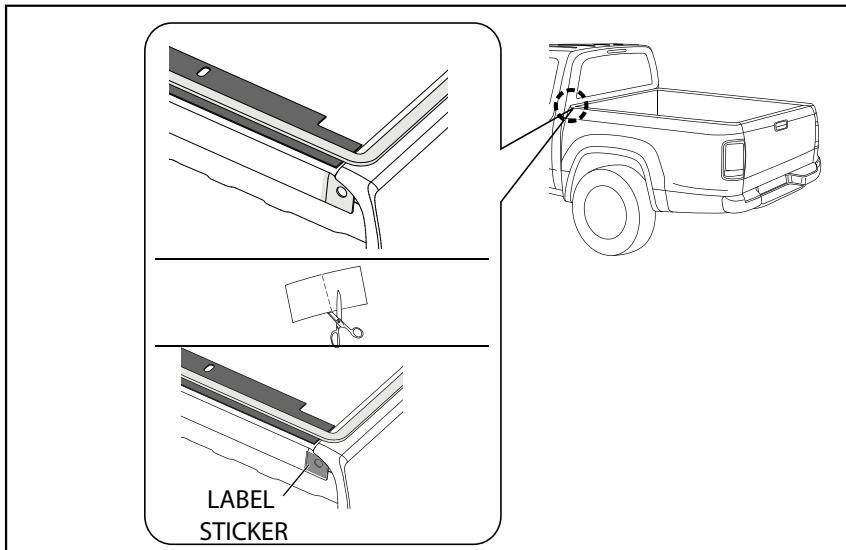


Diagram: 35 - SEAL THE TUB

35.

Using an alcohol wipe, clean the front rail of the tub around the indicated hole and wipe away residue with a clean dry cloth.

Cut the label sticker in half as shown. Remove the adhesive liner from the label sticker and adhere it to the front tub rail to cover the hole in the front of the tub (as shown). Repeat the process for the other side of the vehicle.

! Important: This step must be done properly to ensure the vehicle tub is sealed correctly.

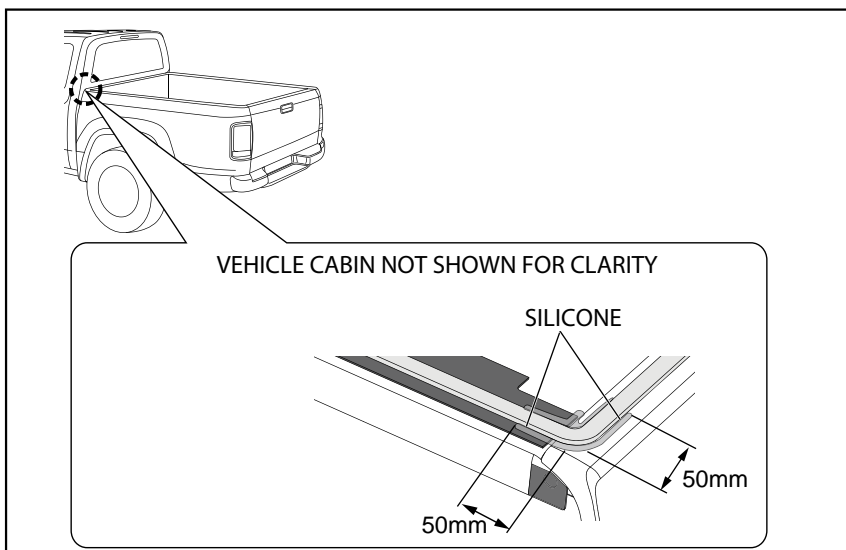


Diagram: 36 - SEAL THE TUB

36.

With a clean dry cloth wipe down all areas to be siliconed as shown. Spray areas to be siliconed with water. Do not dry.

On the front left hand corner of the tub, run a 10mm wide bead of non acetic silicone along the inside and outside edge of the EPDM tape (as shown), around the corners for a length of 50mm each way (as shown).

Repeat this process for the other side of the vehicle.

! Important: If required, use the soapy water as a lubricant to work the silicone to ensure the bead is smooth and tidy.

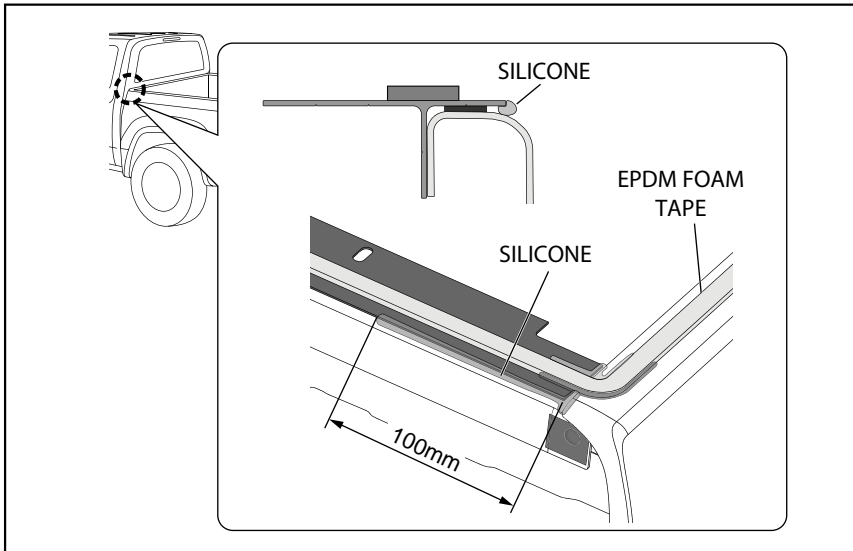


Diagram: 37 - SEAL THE TUB

37.

Apply non-acetic silicone (neutral cure) between the top of the tub and header rail for a length of 100mm (as shown). Repeat process for the other side of the vehicle.

Clean up excess silicone.



Important: Exposed area. Ensure silicone is neat and tidy.



Important: If required, use the soapy water as a lubricant to work the silicone to ensure the bead is smooth and tidy.

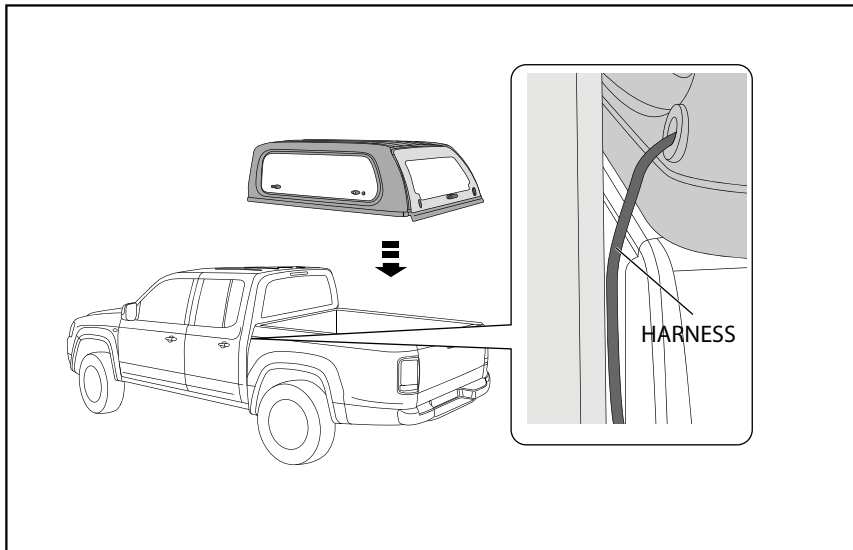


Diagram: 38 - FIT CANOPY

38.



Caution: Approximate weight of canopy 70Kg. Two people (minimum) are required to lift.

Tape the wiring harness to the left hand side window with masking tape.

Position the canopy onto the vehicle tub carefully.

Do not slide the canopy on the EPDM foam tape and silicone, as this can damage the foam tape and spread the silicone (break the water seal).

Remove masking tape and feed canopy harness down between tub and cabin (left hand side of vehicle) so it is accessible under the vehicle on the outside of the LHS chassis rail.

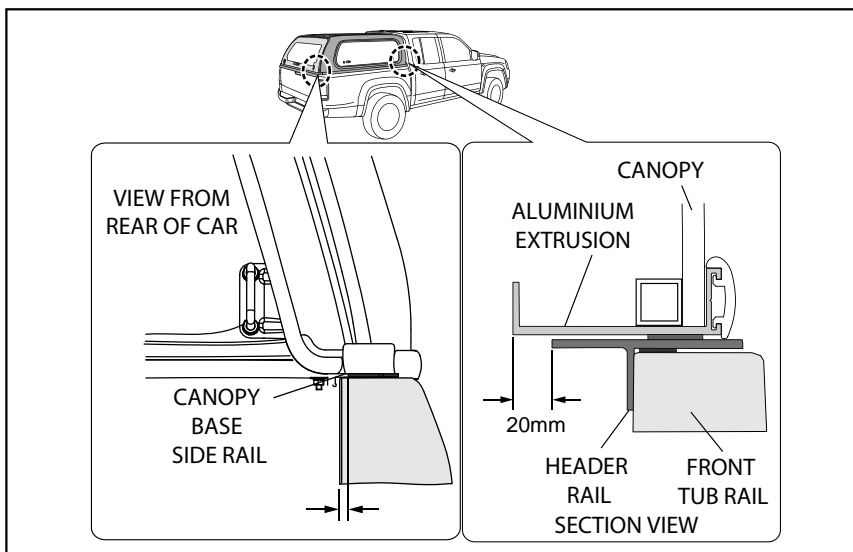


Diagram: 39 - POSITION THE CANOPY

39.



Important: Moving the canopy may break the water tight seal.

Align the canopy evenly on the tub.

Inside the canopy, the front face of the aluminium extrusion should be 20mm from the edge of the header rail (as shown).

With the rear tailgate open, check the sideways alignment. Using a ruler, position the canopy so both canopy base side rails are even to the width of the vehicle tub (as shown).

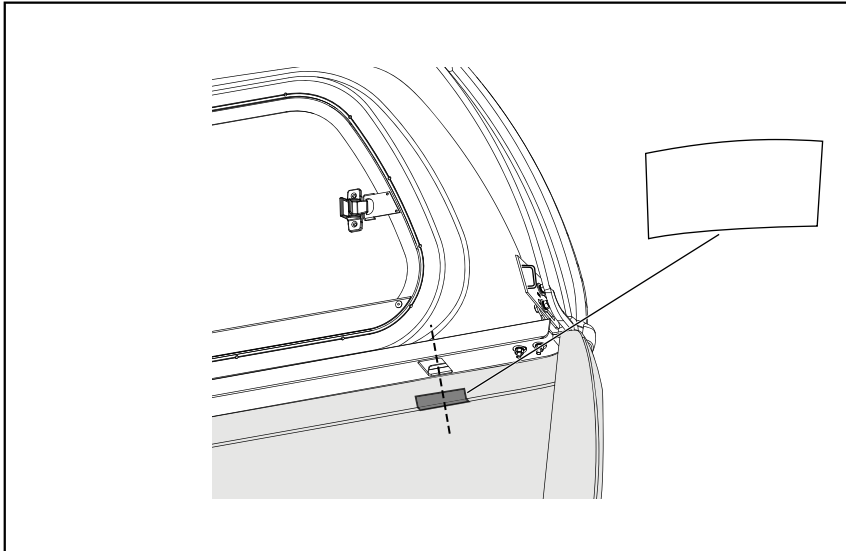


Diagram: 40 - APPLY CLEAR TAPE

40.

Apply the clear tape pad to the vehicle tub rails directly under the square holes in the canopy base side rails (as shown).

Position half of the tape on the front face of the rail and fold the remaining half around onto the back of the rail.

Repeat for the remaining five positions.

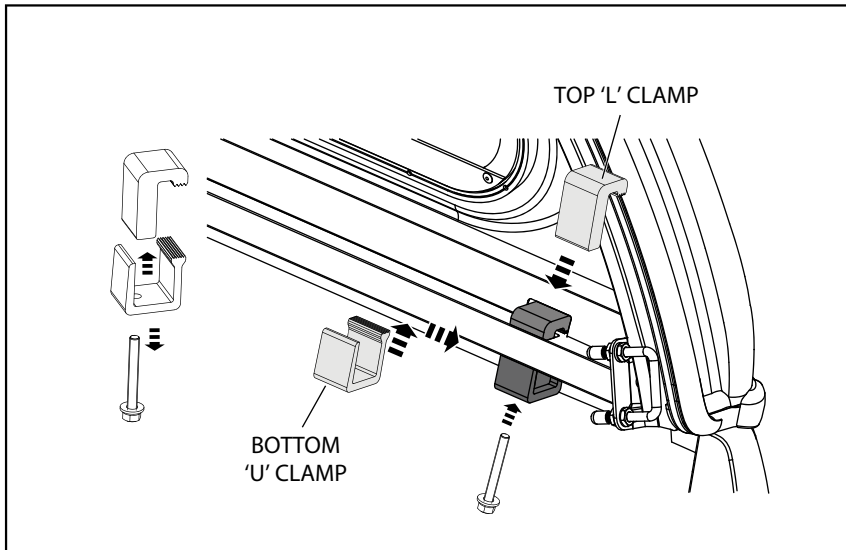


Diagram: 41 - FIT RAIL CLAMPS

41.

Disassemble two rail clamps.

Fit the rail clamps to the rear holes in the canopy base rails by fitting the top L clamp down through the hole in the rail and sliding the lower U clamp along the side rail over the clear abrasion tape.

! Important: Apply Loctite 243 a minimum length of 20mm along the thread on the bolts.

Secure the rail clamps with the bolts and washers as shown. Tighten the bolts to 9Nm using a torque wrench.

Remove and retain the keys attached to the interior rear door handle.

Close the rear door firmly, holding the centre handle without slamming it too hard.

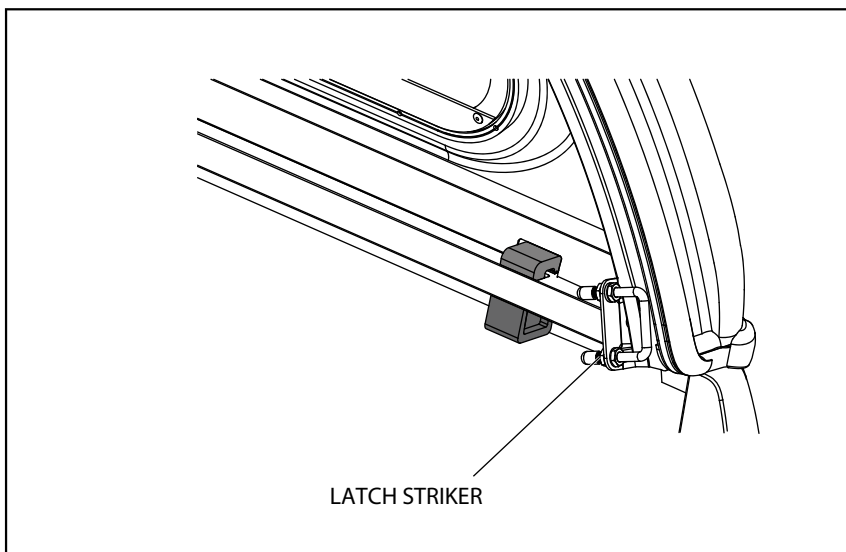


Diagram: 42 - ADJUST STRIKER

42.

If required, adjust the latch striker height so that the rear door correctly engages when closed.

! Important: The latch system is a two stage system. Ensure that the rear door latches engage to the second stage when the rear door is closed.

If the latch striker is adjusted, tighten the striker nuts to 9Nm using a torque wrench.

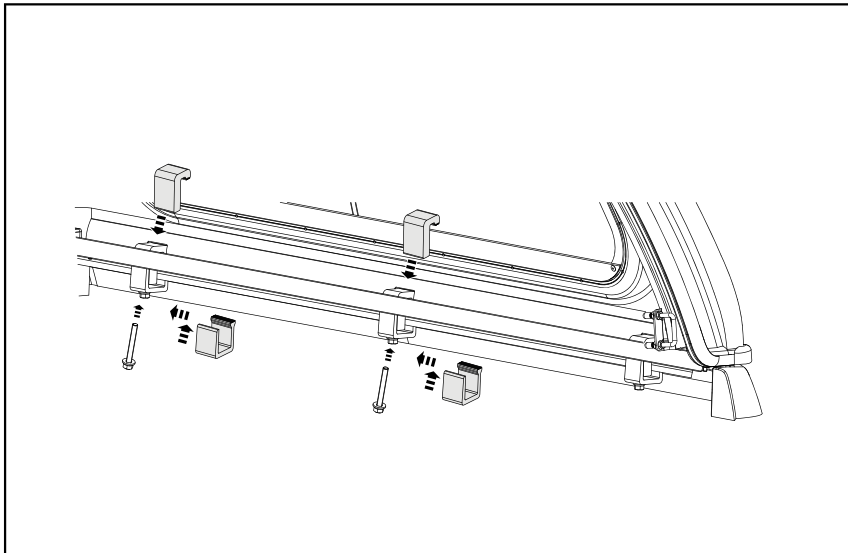


Diagram: 43 - FIT RAIL CLAMPS

43.

Disassemble the remaining four (4) rail clamps.

Fit the clamps to the remaining holes in the canopy base rails by fitting the top L-clamp down through the hole in the rail and sliding the lower U clamp along the side rail over the clear abrasion tape.

Secure the clamps with the bolts and washers as shown.

Tighten the rear clamps first, then the front clamps and finally the middle clamps.

Tighten the bolts to 9Nm using a torque wrench.

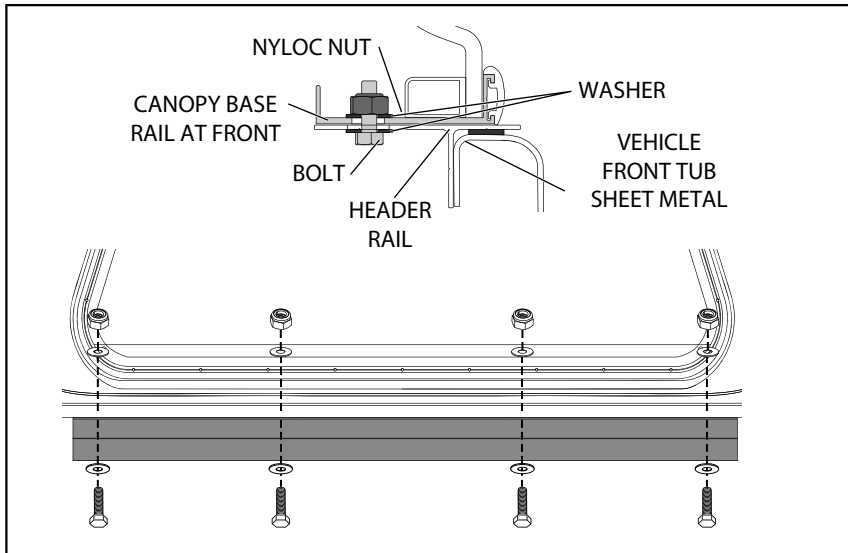


Diagram: 44 - SECURE CANOPY TO THE HEADER RAIL

44.

Secure the front of the canopy to the previously installed header rail with four (4) M6 hex head bolts, eight (8) flat washers and four (4) nyloc nuts as shown.

Tighten the bolts to 9Nm using a torque wrench.



Important: Install the bolts with the threads pointing upwards to minimise intrusion into the vehicle load space.

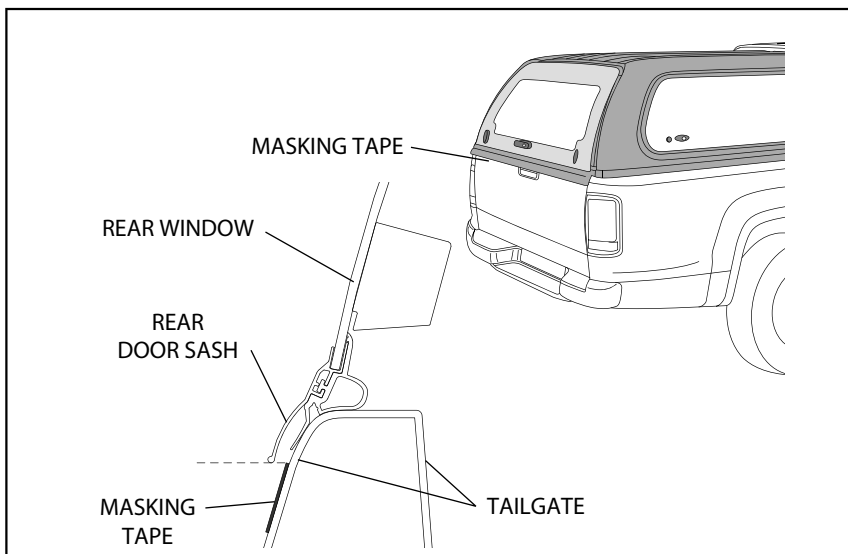


Diagram: 45 - APPLY CLEAR TAPE

45.

With the canopy rear door closed, apply a length of masking tape to the rear tailgate, level with the bottom edge of the canopy rear door sash, when viewed from the rear horizontal position (as shown).

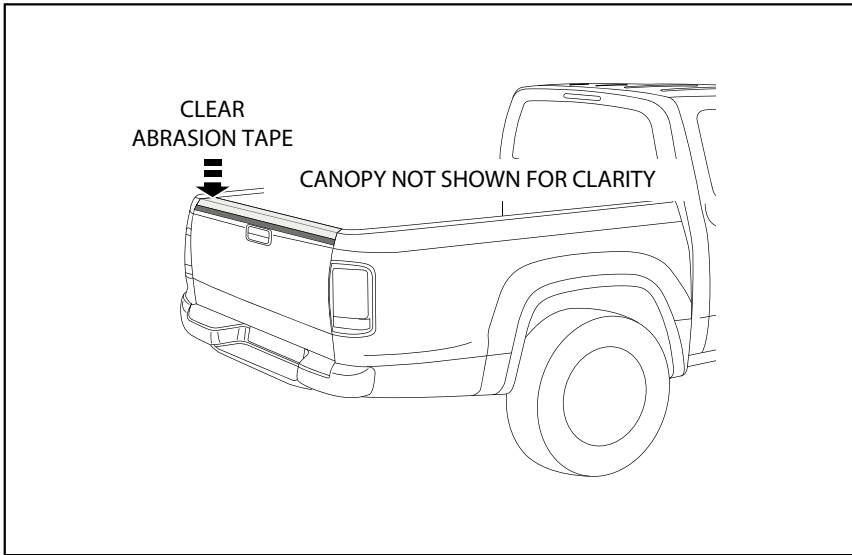


Diagram: 46 - APPLY CLEAR TAPE

46.

Using IPA spray, spray thoroughly along the top of the tailgate.

Remove the liner from the clear abrasion tape.

Working from one end with a 5mm overhang, place the liner on the tailgate against top edge of masking tape. Trim excess tape leaving a 5mm overhang at both ends of the tailgate.

When in position use a squeegee to push out any excess water solution and bubbles.

Using a knife trim the tape to the end of tailgate.

! Important: You may need to squeegee a few times. When finished the tape is virtually invisible.

Remove masking tape.

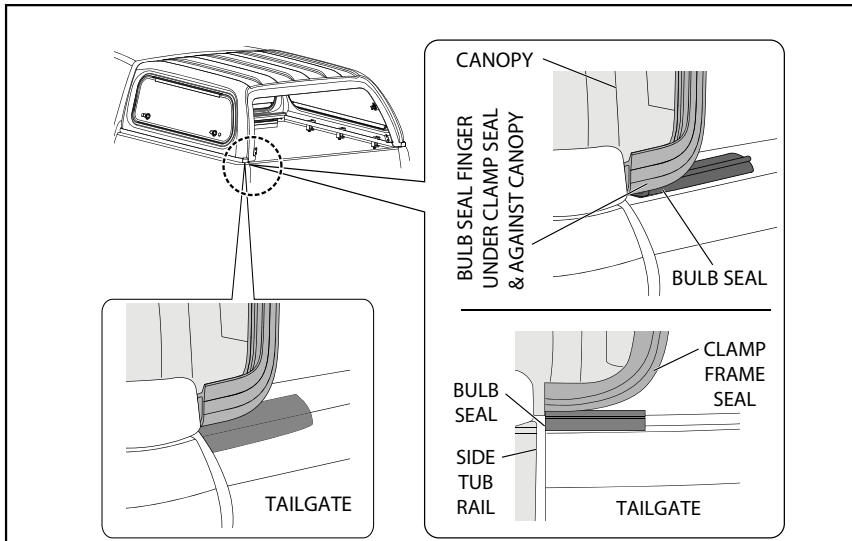


Diagram: 47 - APPLY SEAL

47.

! Important: This step is strongly recommended for best result with rear door sealing.

Using an alcohol wipe clean the top of the tailgate directly below the rear door seal. Wipe dry with a clean dry cloth.

Prime the cleaned area using the primer stick and allow to dry.

With the tailgate closed, apply the tub sealing block to the primed area on the LHS top of the tailgate. Repeat for the RHS.

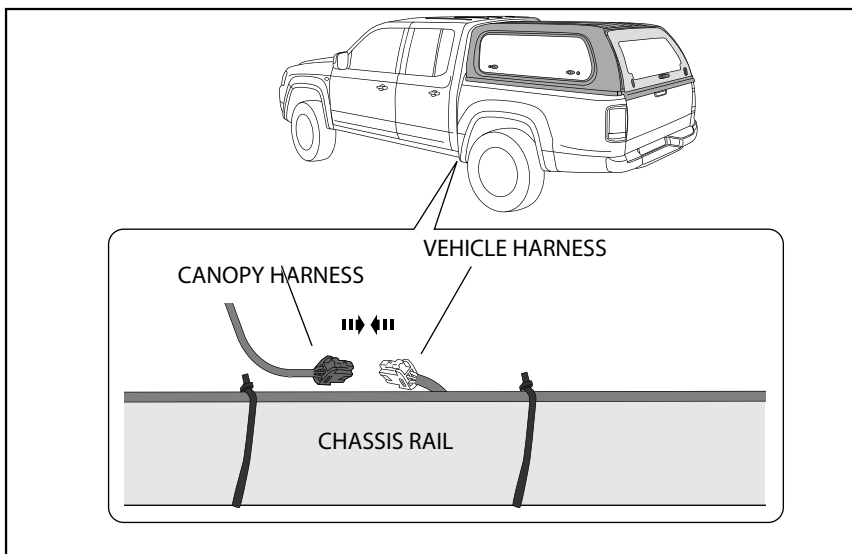
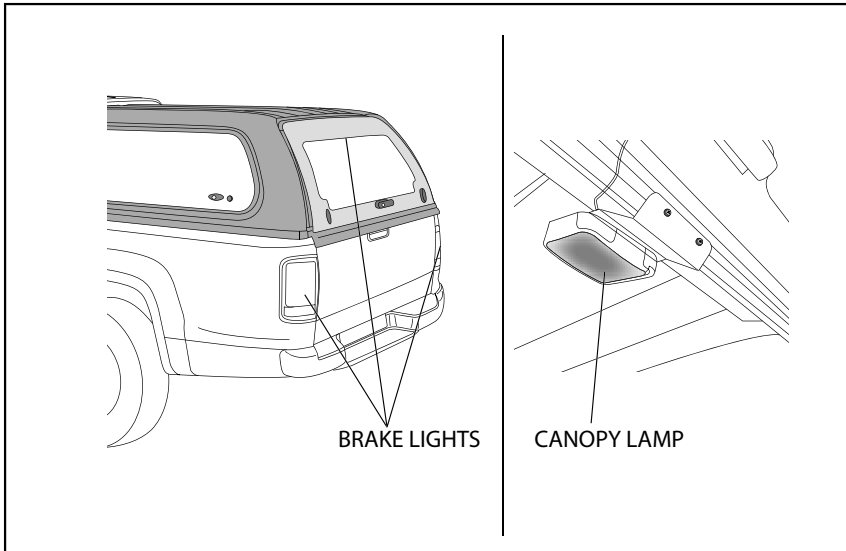


Diagram: 48 - CONNECT CANOPY HARNESS

48.

Feed the canopy harness along the chassis rail to the vehicle harness connector, and connect them together.

! Important: Wiring harnesses should be positioned away from the exhaust system.

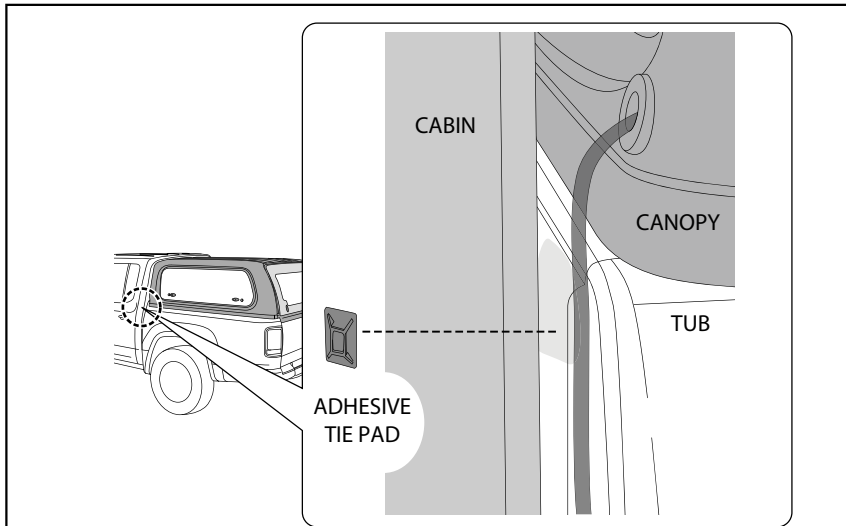


49.

Check the rear brake light operation.

Open the rear window and check that the internal canopy lamp is operating correctly when switched to the 'ON' position.

Diagram: 49 - CHECK LIGHTS

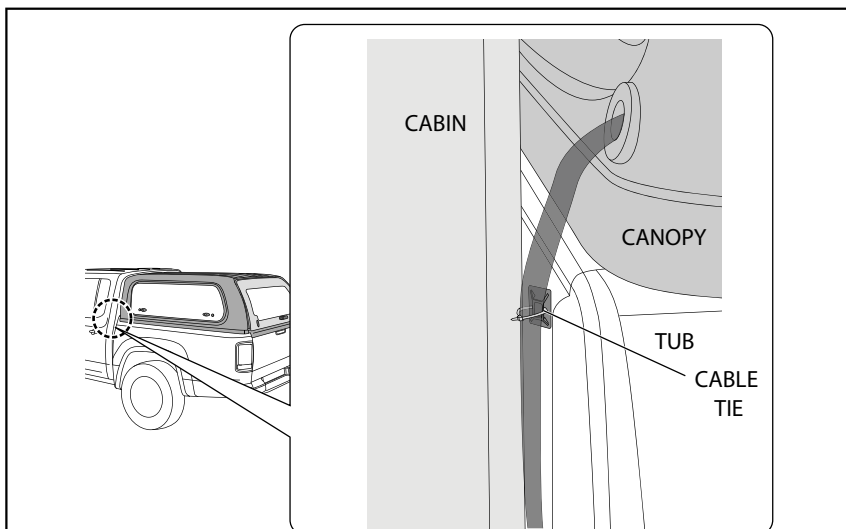


50.

Using an alcohol wipe, clean the left hand side top corner of the front tub rail (as shown). Allow to dry.

Remove the liner from the adhesive tie pad and position on the tub in area previously cleaned (as shown). Apply pressure to ensure maximum adhesion.

Diagram: 50 - SECURE CANOPY HARNESS



51.

Fit a cable tie through the adhesive tie pad previously fitted to the front of the tub and secure the canopy wiring harness (as shown).

Trim excess cable tie length with side cutters.

Diagram: 51 - SECURE CANOPY HARNESS

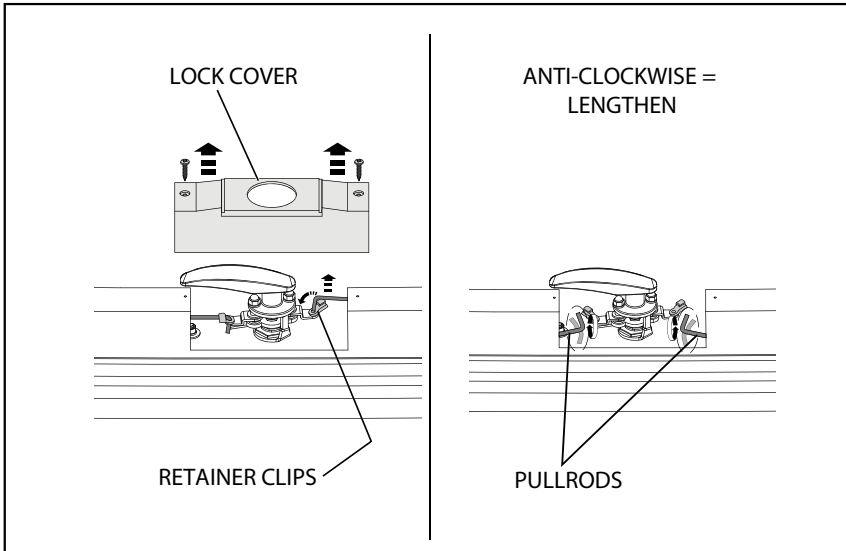


Diagram: 52 - LOCK ADJUSTMENT

52.

! Important: If the rear door does not lock, follow the steps below.

Open both side windows and the rear door.

Remove the interior lock cover.

Unclip the pull rods from the retainer clips and wind to lengthen them slightly.

Clip the pull rods into the retainer clips.

Re-check rear door lock function.

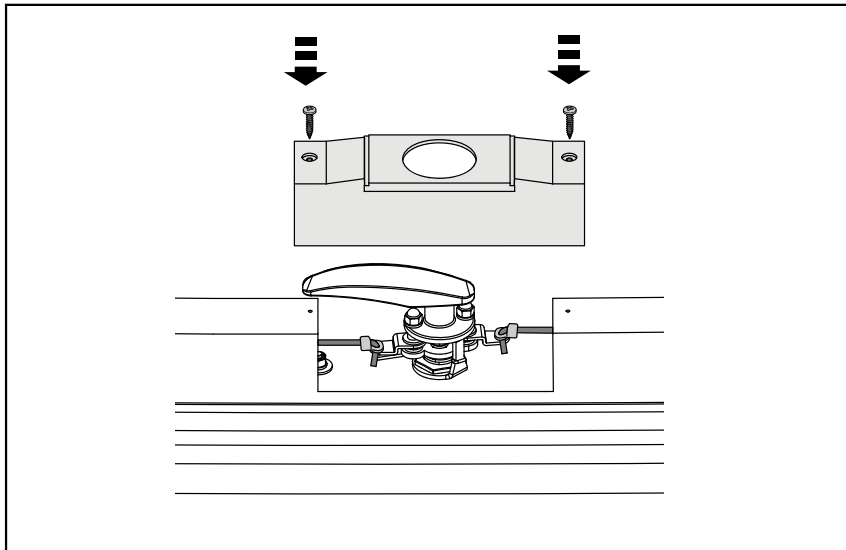


Diagram: 53 - REFIT COVER

53.

Replace interior lock cover and add the canopy keys to the Customer's vehicle keys.

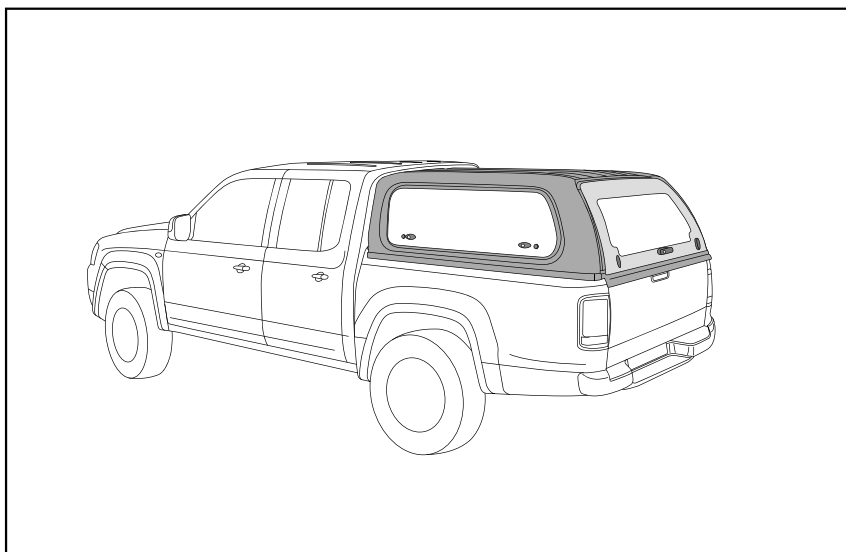


Diagram: 54 - CHECK CANOPY

54.

Check canopy for water leaks.

! Important: Use only a low pressure hose to check for water leaks. Silicone will not be fully cured.

Clean the canopy including all windows and vehicle.

! Important: Hand wash only, do not use a high pressure hose or car wash. Silicone will not be fully cured.

! Important: Ensure the owners manual supplement is discussed with the customer and a copy is provided.