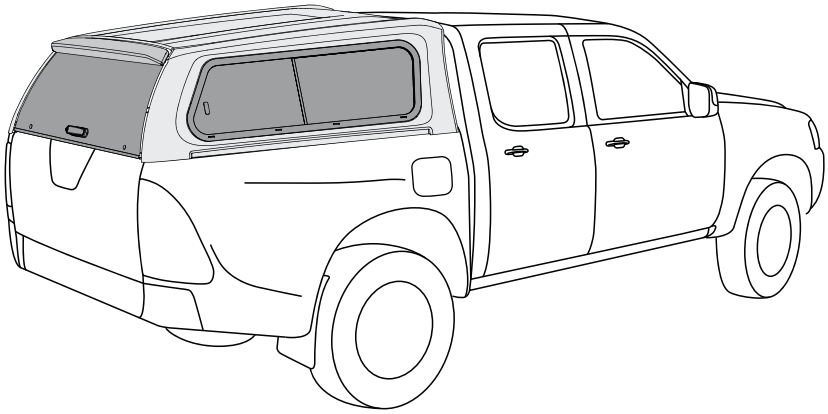
CANOPY
INSTALLATION INSTRUCTIONS
TOYOTA HILUX 2015 ~



Installation Time: Approx. 90 Minutes
Installation Time: Approx. 100 Minutes (with ute liner)

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.**
- **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

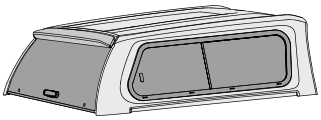
TOYOTA HILUX CANOPY

RECOMMENDED TOOL LIST - (Not Supplied in Kit)

- Phillips Head Screwdriver
- Large Flat Blade Screwdriver
- Sockets 10, 12 & 13mm and Driver
- Spanners 10, 12 & 13mm
- Silicon Dispensing Gun
- Non Acetic Silicon (Neutral Cure)
- Spray Bottle (25% isopropyl Alcohol & 75% Water)
- Spray Bottle Water
- Torque Wrench
- Loctite 243
- Non Permanent Marker
- Masking Tape
- Cleaning Cloths / Rags
- Steel Rule
- Scissors
- Knife
- Squeegee
- Hammer & Centrepunch
- Drill & Ø5.5mm & Ø9mm Drill Bits
- Rivet Gun
- Ø35mm Holesaw

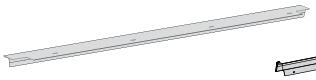
PARTS CHECK SHEET

PARTS IN MAIN CARTON



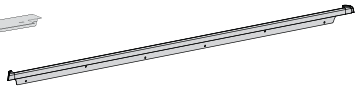
Canopy
Qty - 1

1

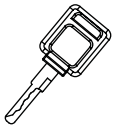


Tub Stop
(ALUM0043-9)
Qty - 1

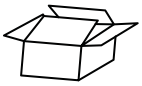
2



Tailgate Seal
(ALUM0087-3)
Qty - 1



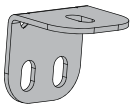
Lock Keys
(Attached to Canopy Internal Rear Door Handle)
Qty - 2



Fitting Kit
Qty - 1

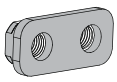
PARTS IN FITTING KIT

3



Clamp
(CLIP3143PC)
Qty - 6

4



Nut Plate
(CLIP3147PC)
Qty - 6

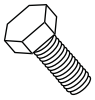
5

M6 Nyloc Nut
(NUTS0267)
Qty - 4

6

M8 Nyloc Nut
(NUTS0268)
Qty - 6

7



M8x30 Hex Head Bolt
(SCRW0910)
Qty - 18

8

M6x20 Hex Head Bolt
(SCRW0924)
Qty - 4

9

M6 Flat Washer
(WASH0225)
Qty - 8

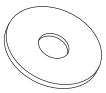
10

Rivet
(FAST0609)
Qty - 10

11

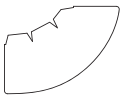
M8 Small Flat Washer
(WASH0229)
Qty - 12

12



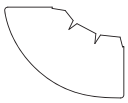
M8 Large 25.4 Flat Washer
(WASH0228)
Qty - 12

13



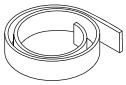
Clear abrasion Tape
(TAPE0627-RH)
Qty - 1

14



Clear abrasion Tape
(TAPE0627-LH)
Qty - 1

15

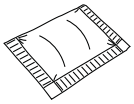


Foam Tape 20x6
(TAPE0652)
Qty - 1

16

Clear abrasion Tape
(TAPE0649)
Qty - 2

17



Rust Inhibitor
(MISC2776)
Qty - 1

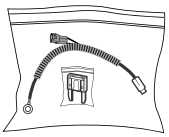
18

Alcohol Wipe
(MISC0052)
Qty - 4

19

Primer Stick
(MISC1365)
Qty - 3

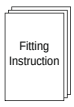
20



Ring Terminal Power Harness
(LOOM0091)
Qty - 1

21

Vehicle Wiring Kit
(LOOM0070)
Qty - 1



Fitting Instruction
(FIT-CP0280)
Qty - 1

TOYOTA HILUX CANOPY

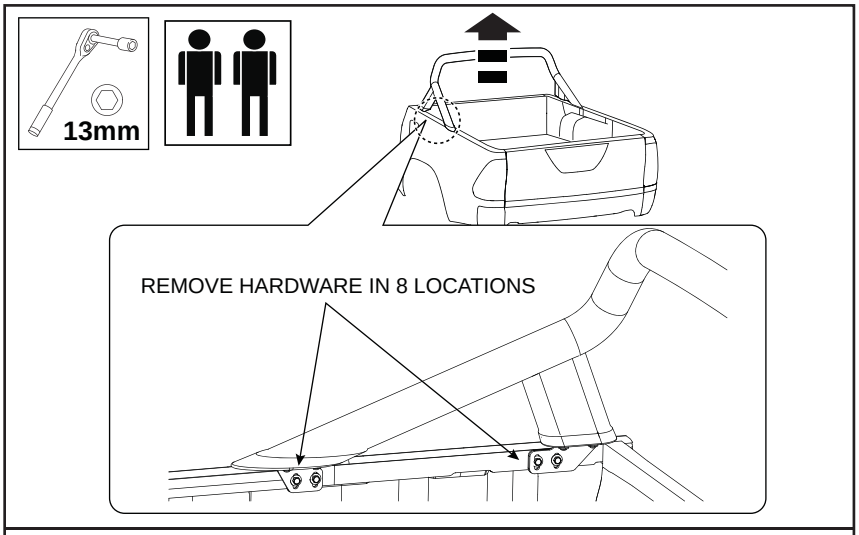


Diagram: 1 - REMOVE SPORTS BAR & HARDWARE

1. Remove the M8 bolts holding the sports bar feet to the tub as shown.

Carefully remove the sports bar from the vehicle and return to the customer with all hardware components.

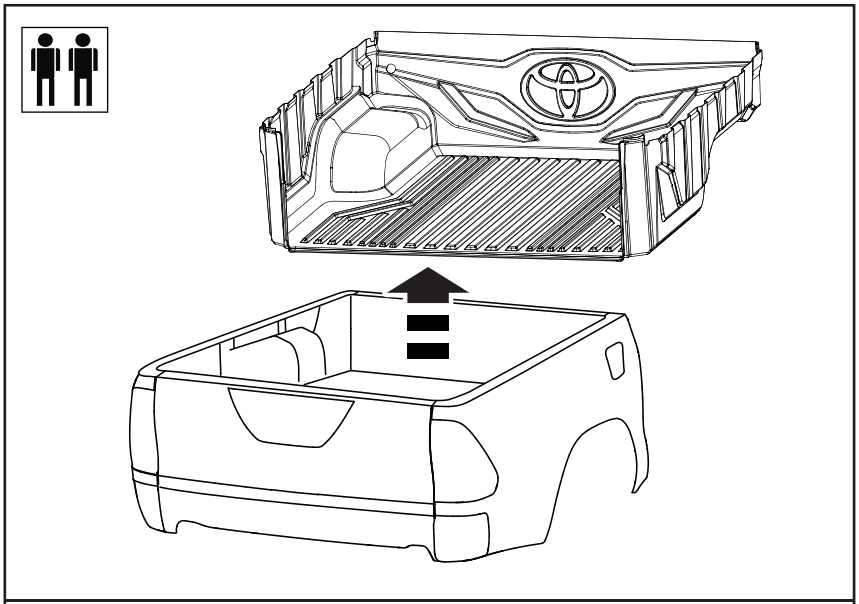


Diagram: 2 - REMOVE UTE LINER

2. Remove ute liner and retained with all attachment hardware before proceeding to the next step.

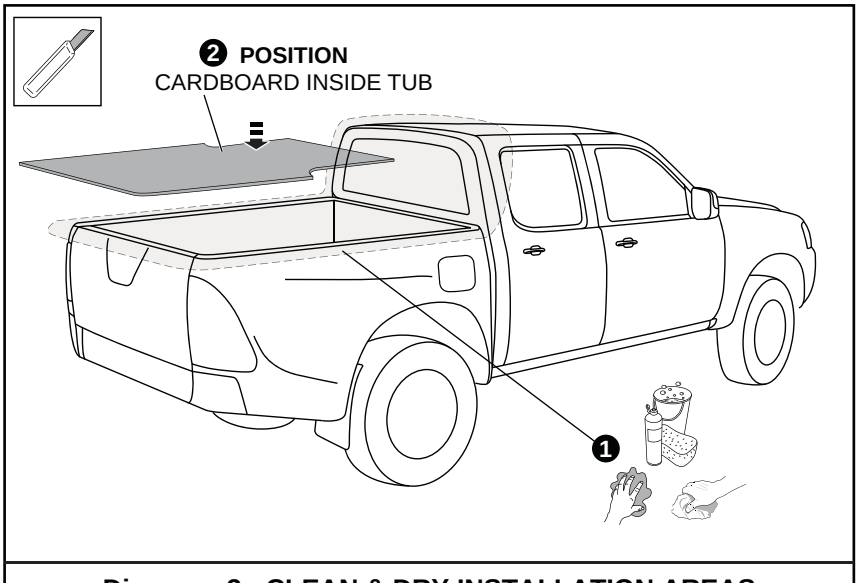


Diagram: 3 - CLEAN & DRY INSTALLATION AREAS

3. Thoroughly clean and dry installation areas (tub, rear of cabin and glass) as shown.

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.

TOYOTA HILUX CANOPY

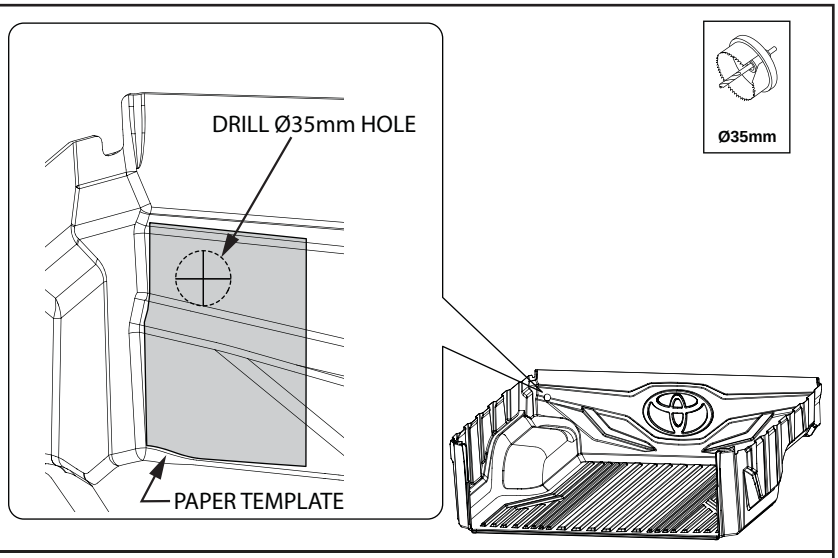


Diagram: 4 - DRILL HOLE IN UTE LINER

4. Cut out the paper template from the last page of this fitting instruction.

Place the template in the front left corner of the ute liner as shown.

Mark and drill 35mm hole in the ute liner for the lamp harness.

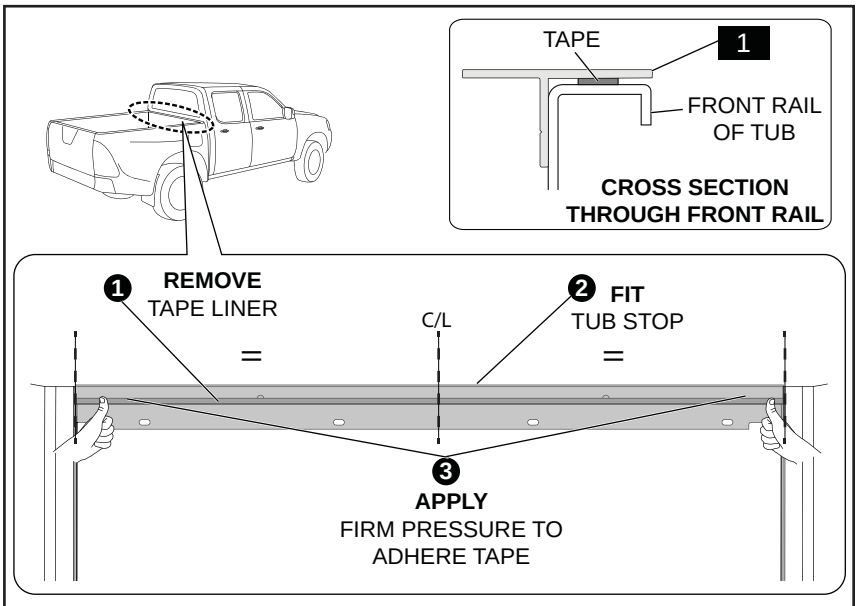


Diagram: 5 - FIT TUB STOP

5. Use alcohol wipes provided to clean the top surfaces of the front tub.

Apply (MISC1365) primer stick to the same area and allow it to dry.

Remove the liner film from the double sided tape on the tub stop and fit the tub stop to the front tub rail.

Important: Position the tub stop centrally on the tub.

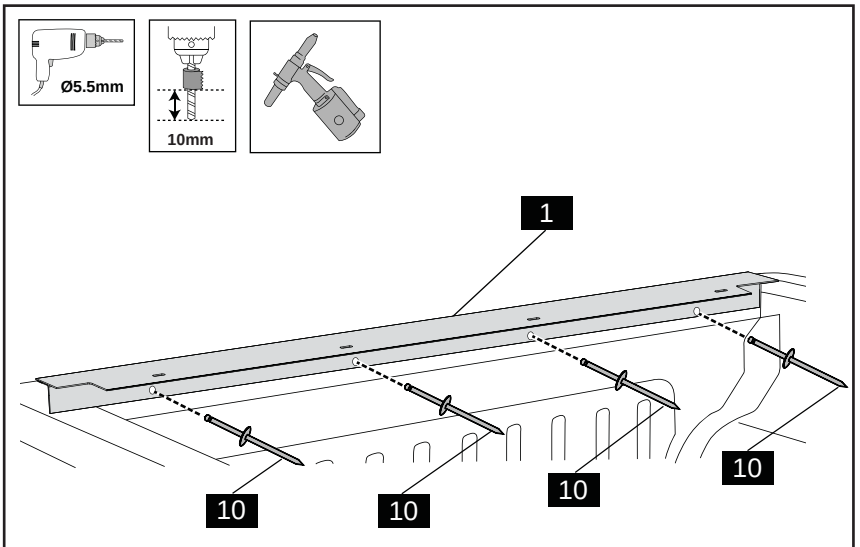


Diagram: 6 - SECURE THE TUB STOP

6. Drill with 5.5mm drill bit through the front of the tub (as shown).

Apply the rust inhibitor to all the drilled holes.

Secure the tub stop to the tub with 4 rivets.

TOYOTA HILUX CANOPY

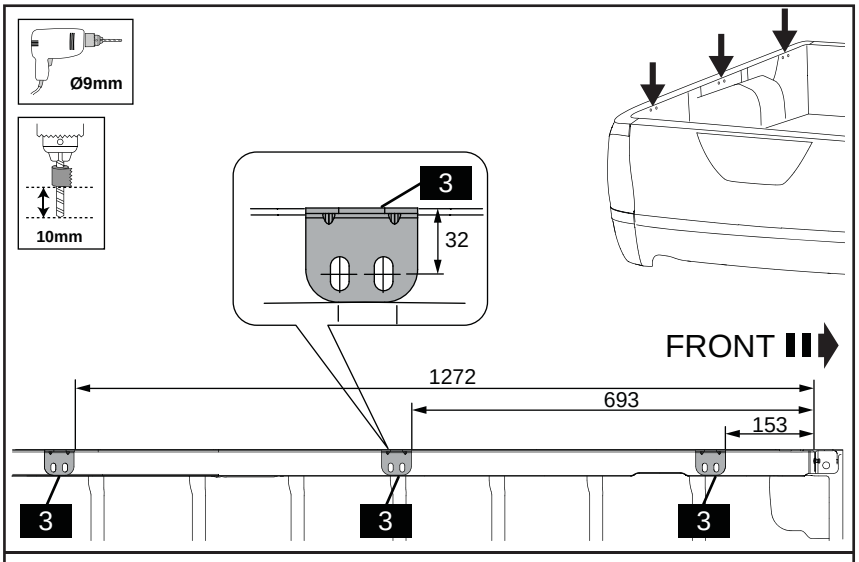


Diagram: 7 - FIT CLAMPS

7. Measure the distance from the Tub Stop. Hold bracket slightly below the top level of the tub and mark slot centres. Drill the holes with Ø9mm drill bit and stop set to 10mm. Repeat process for other side of the vehicle. Apply rust inhibitor to the drilled holes.

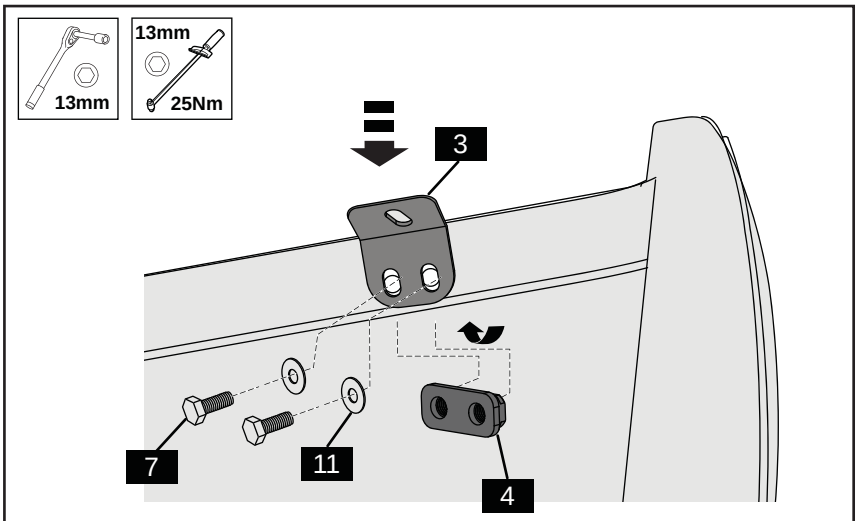


Diagram: 8 - SECURE CLAMPS

8. Position the clamp on the tub, insert nut plate behind the sheet metal and secure with two M8x30 screws and flat washers as show. Repeat for all remaining brackets.

Apply Loctite 243 to the screws.

Note: The bracket must be level with the top of the tub. Torque to 25Nm.

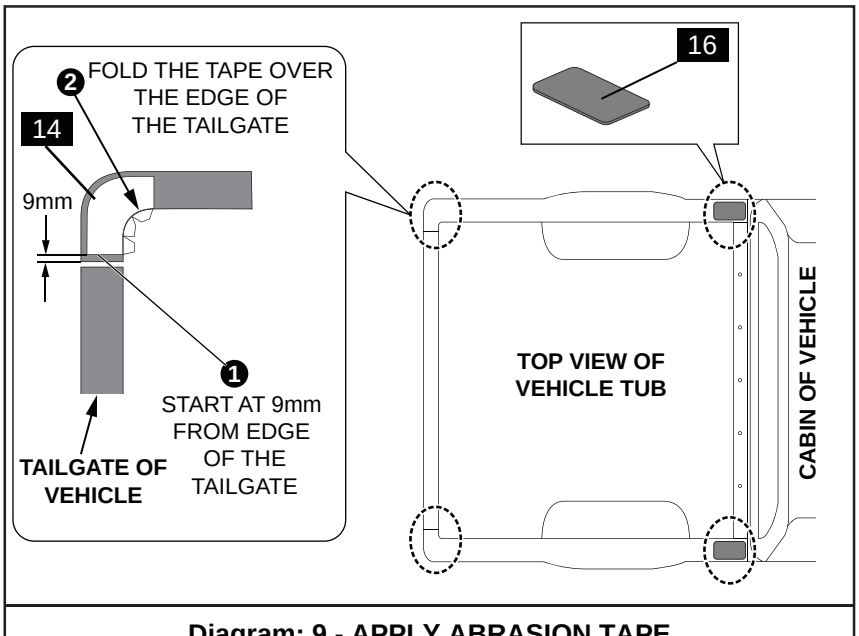


Diagram: 9 - APPLY ABRASION TAPE

9. Ensure top of the tub rear corners are 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 abrasion tape die cut (TAPE0627-LH) and remove backing paper from tape. Fold the tape v-cut sections over the edge of the tailgate.
Also apply clear abrasion tape (TAPE0649) to both front corners of the tub.

Use squeegee to push out any excess water solution and bubbles from the abrasion tape.Wipe away and dry with clean cloth.
Repeat for RHS tub corner.
When finished the tape should be virtually invisible.

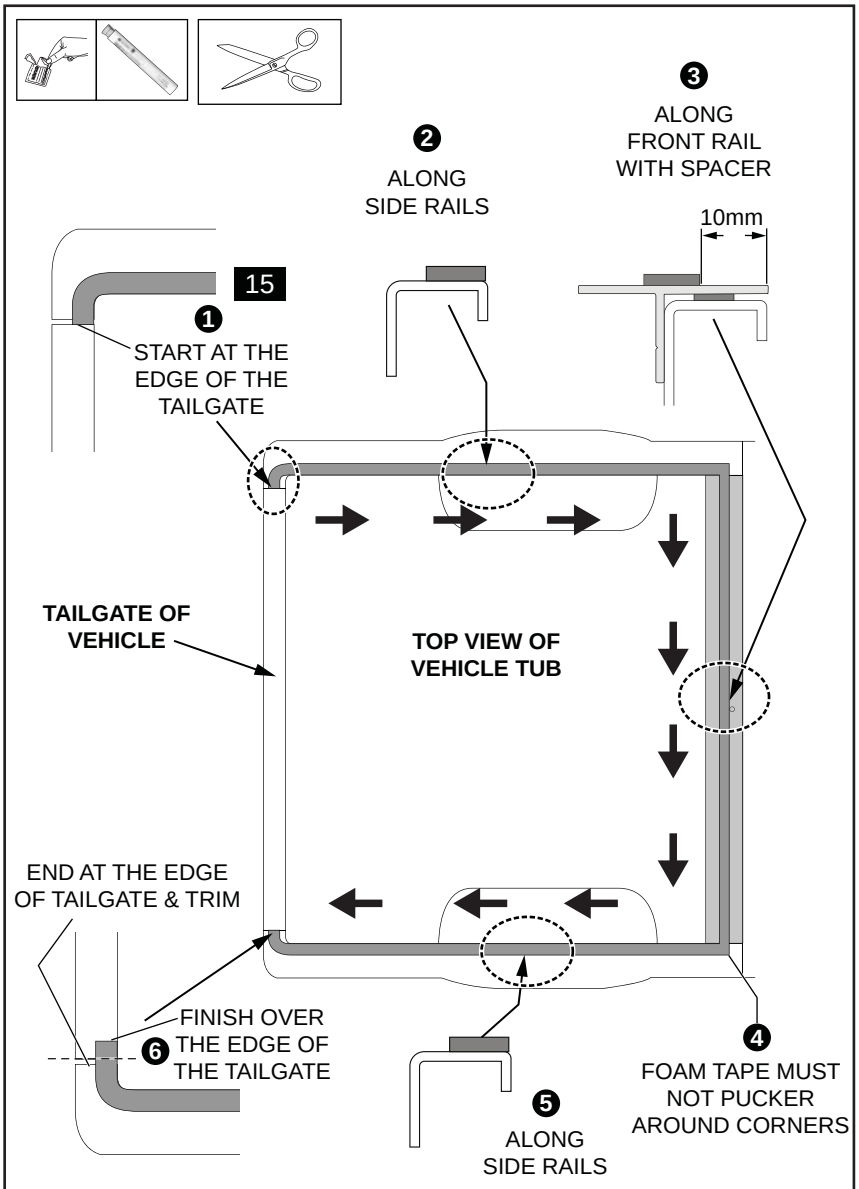


Diagram: 10 - INSTALL WATER SEALING TAPE

10. Using alcohol wipes provided clean all top rail areas of the tub sheet metal or ute liner and wipe away residue with a dry clean cloth. If heavy cleaning is required use Iso-Propyl alcohol and wipe away residue with a dry clean cloth.
Using primer stick (MISC1365) prime top rails of the tub sheet metal or ute liner where foam tape will be applied in later.

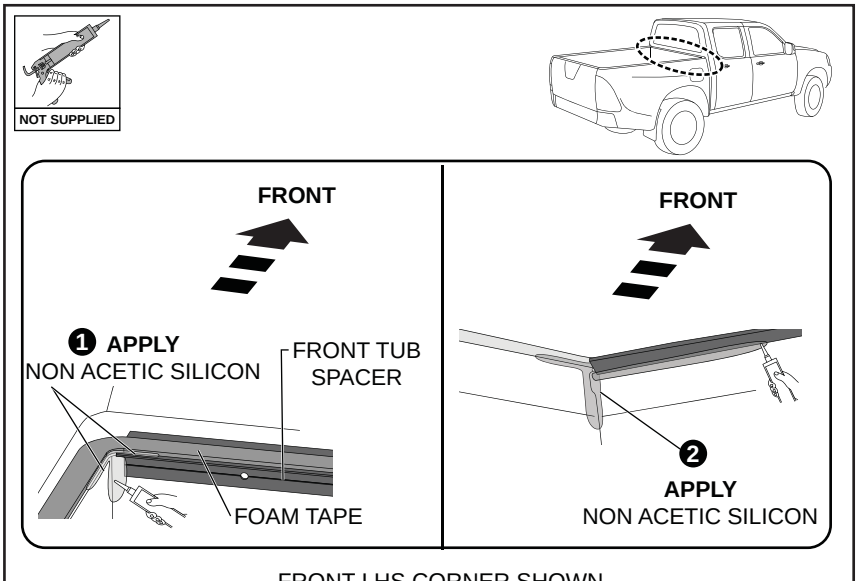
Please do not prime too far over the sides of the top rails or ute liner, read steps where the foam tape is to be positioned and use this as a guide for priming the area. Follow the instructions on the primer stick for optimum results.

Apply foam tape (TAPE0652) from hardware kit to the vehicle tub bed rails and tub spacer.

IMPORTANT: DO NOT CUT FOAM TAPE! As the tape bends around the corners ensure the tape sits flat and DOES NOT pucker. Trim off excess to the edge of the tailgate as shown.

Ensure all foam tape areas are fully adhered to the tub and spacer by applying moderate pressure down on the tape all the way around the tub.

Tape MUST be fully adhered to tub rails and spacer and sit flat in one continuous length to prevent water entering the canopy.



FRONT LHS CORNER SHOWN

Diagram: 11 - APPLY SILICON TO INSIDE OF THE TUB

11. With a clean cloth wipe down all areas of the internal front tub corners where the silicon is to be applied as shown. Spray these areas with water, Do Not dry.

Apply non-acetic silicon (neutral cure) (not supplied) to the top of the tub and spacer around the foam tape and inside the tub at the join between the front and side panels. Re-spray silicon with water and push silicon into gaps and clean up excess silicon. Repeat process for the RHS corner.
IMPORTANT: This step must be done properly to ensure the vehicle tub is water sealed.

TOYOTA HILUX CANOPY

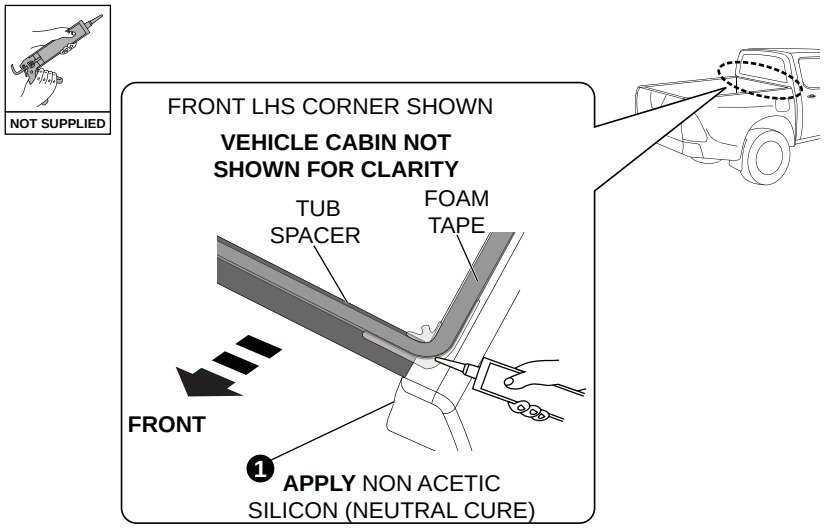


Diagram: 12 - APPLY SILICON TO THE FRONT OF TUB

12. Apply non-acetic silicon (neutral cure) (not supplied) to the top of the tub and spacer around the foam tape and down the front side of the tub between the tub and the cabin and push silicon into gaps. Repeat process for the RHS.

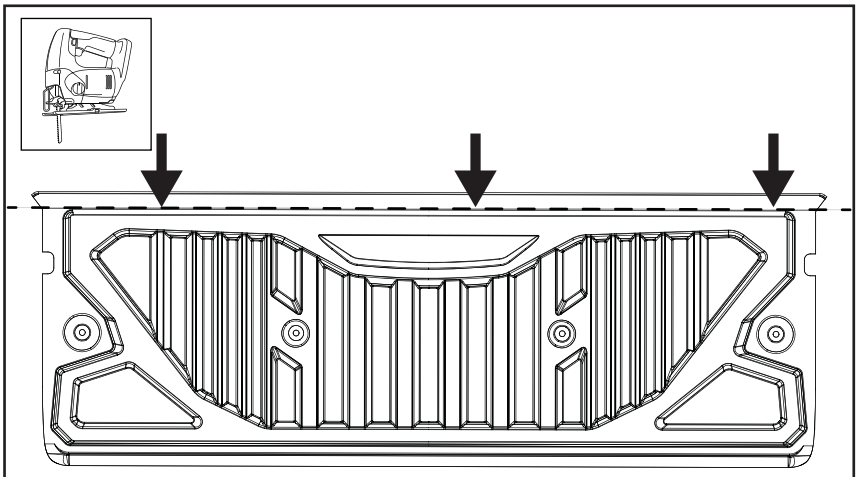


Diagram: 13 - TRIM UTE LINER

13. Remove the ute liner from the tailgate and trim ute liner using jigsaw as shown.

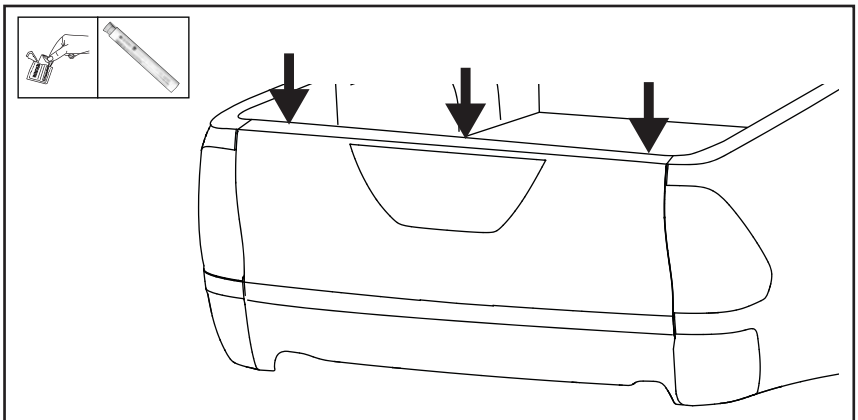


Diagram: 14 - CLEAN TAILGATE

14. Clean the top of the tailgate with the Alcohol wipe and prime with the Primer Stick, where the double sided tape will be adhered.

TOYOTA HILUX CANOPY

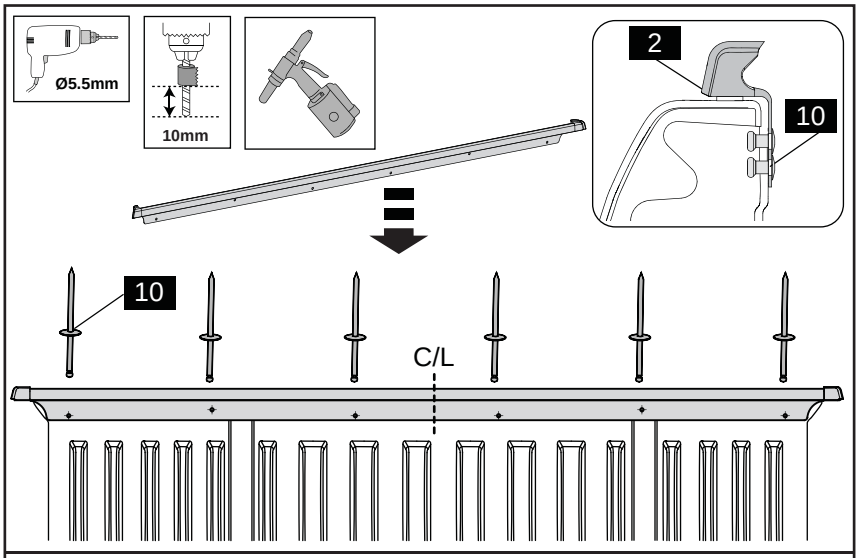


Diagram: 15 - FIT TAILGATE SEAL

15. Position the Tailgate seal centrally on the top of the tailgate as shown.

Centrepunch the six holes centres in the Tailgate seal, set the drill stop to 20mm and drill Ø5.5mm holes in the tailgate.

Apply rust inhibitor to the drilled holes.

Peel small amout of the tape liner from the tailgate seal on each side and fold over. Place the tailgate seal onto the tailgate and align with the holes, once in place remove the tape liner and push down on the seal.

Secure the seal with 6 rivets to the tailgate.

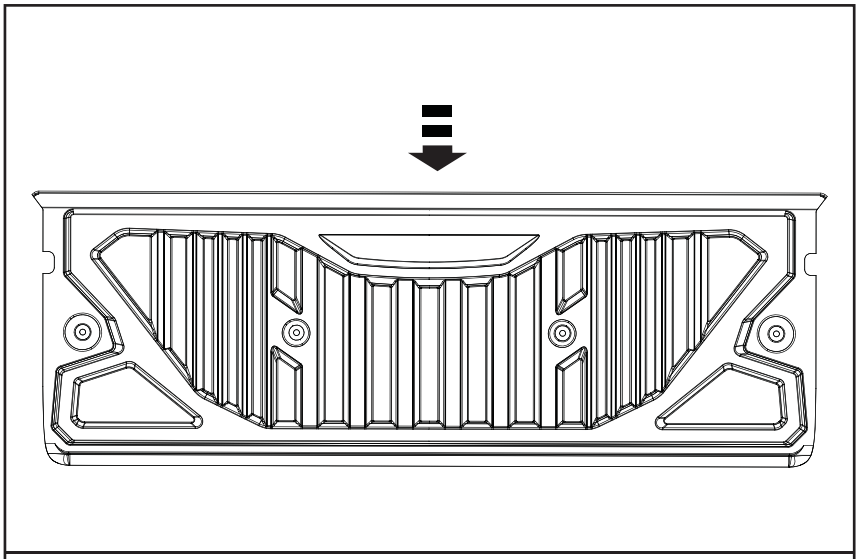


Diagram: 16 - REFIT UTE LINER

16. Refit the ute liner to the tailgate.

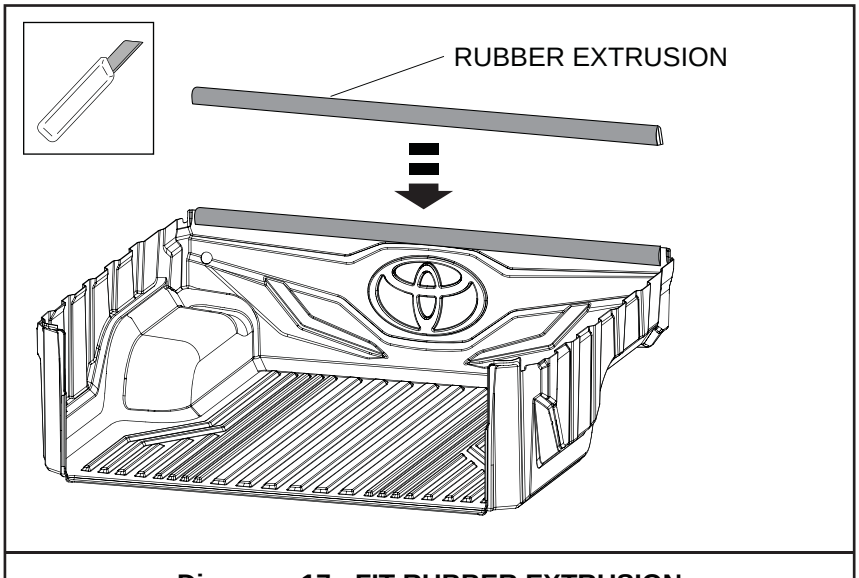


Diagram: 17 - FIT RUBBER EXTRUSION

17. Remove the rubber extrusion fitted to the top front edge of the ute liner.
Trim the extrusion length to match the width of the tub spacer and refit to the ute liner.

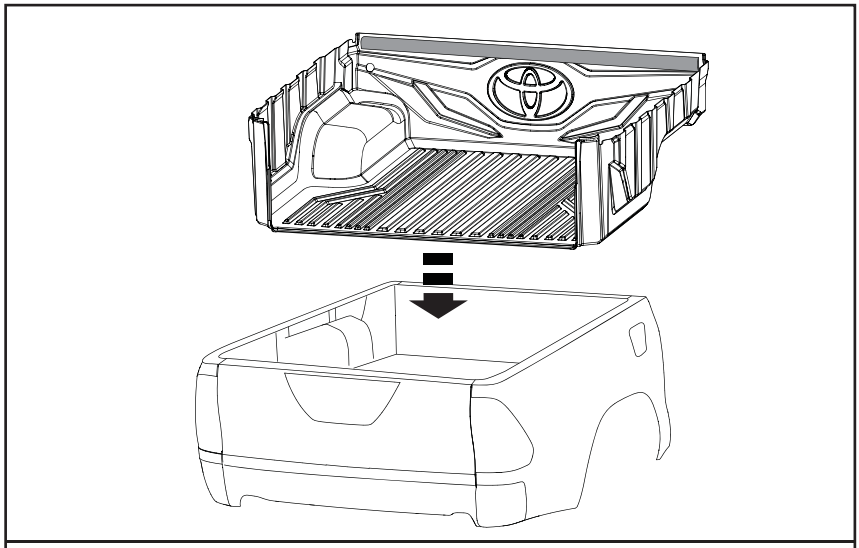


Diagram: 18 - RE-FIT UTE LINER TO THE TUB

18. Re-fit ute liner including all hardware. Push the rubber extrusion against the tub spacer to adhere.

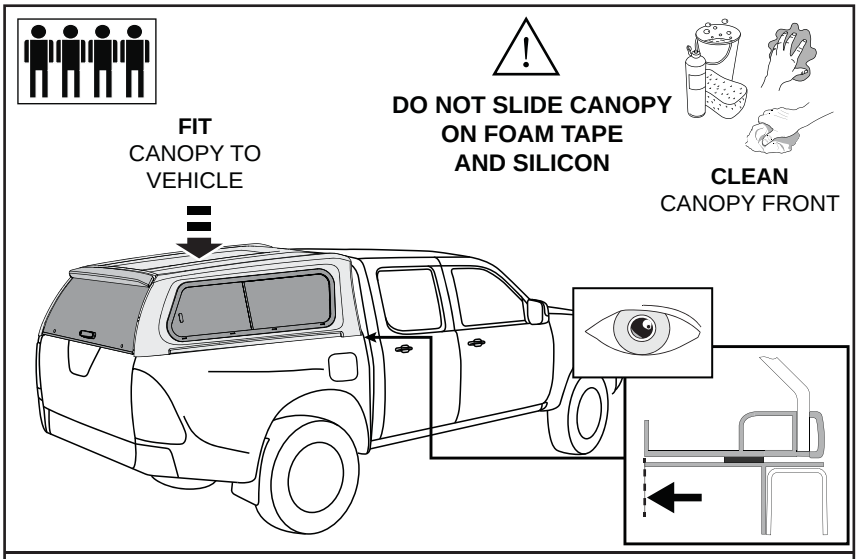


Diagram: 19 - FIT CANOPY TO TUB

19. Clean front of canopy including the front window. Spray foam tape with soapy water to assist positioning. Four people are required to lift the canopy.
Position the canopy onto the vehicle tub carefully and align front of Canopy against the front of the vehicle tub as shown.

Align the front canopy base rail with the front Tub Stop.

Take care during positioning of the canopy. Excessive movement will disrupt the foam tape and silicon.

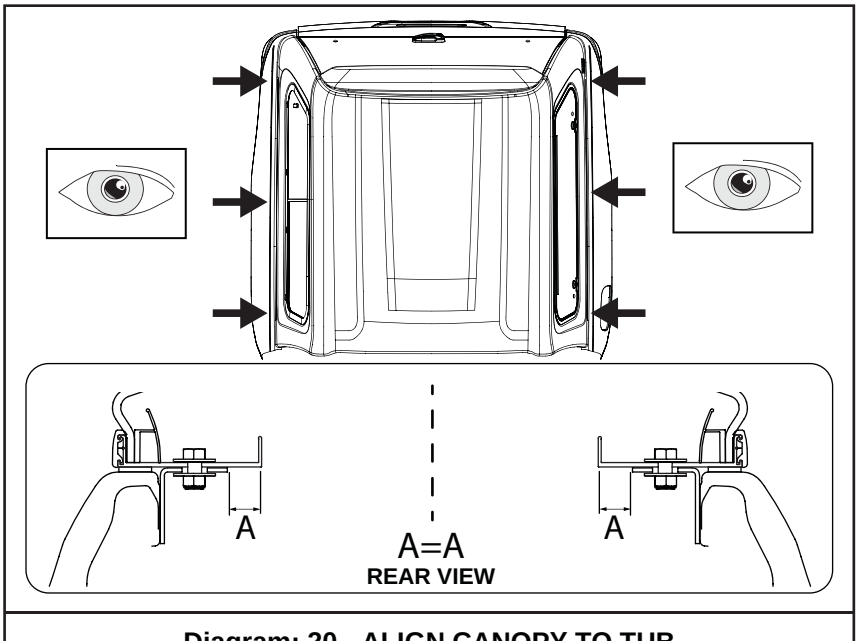


Diagram: 20 - ALIGN CANOPY TO TUB

20. Check the gap on both sides between the canopy base rail and clamp bracket. It should be even.

If adjustment is required to align the canopy evenly on the tub, carefully lift and reposition.

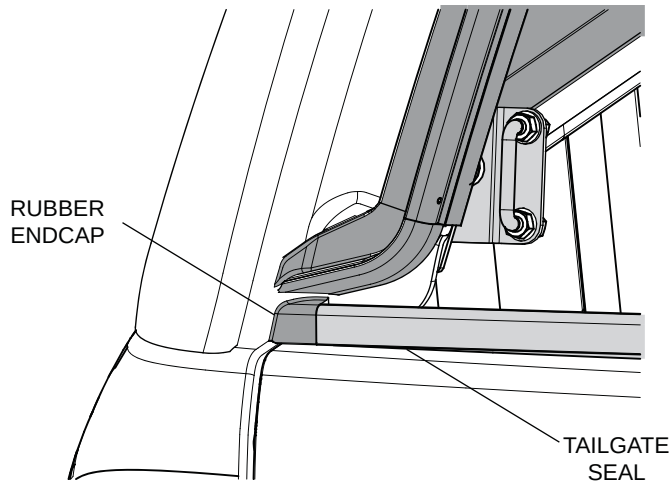


Diagram: 21 - CHECK TAILGATE SEAL

21. Close the tailgate and ensure the rubber endcap on each end of the tailgate seal is hard against the canopy body.

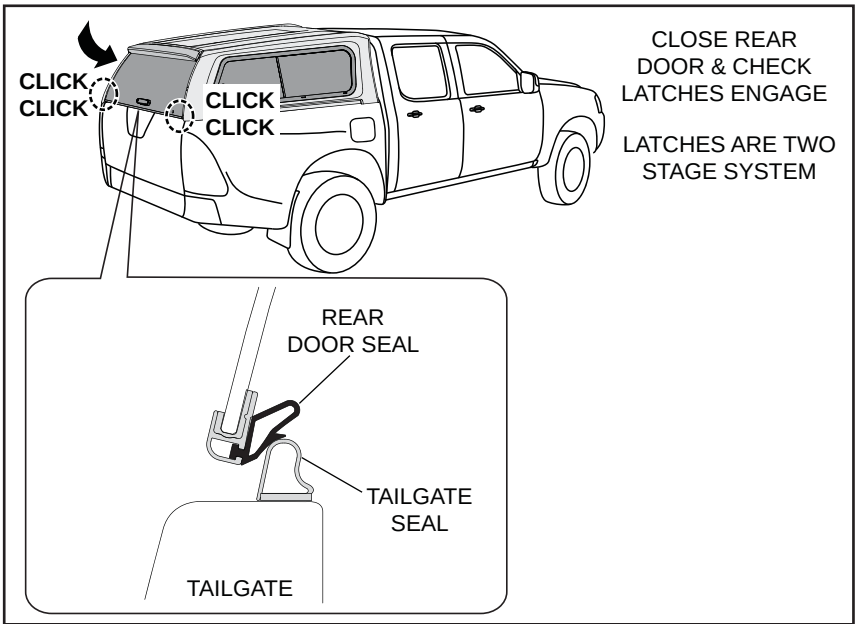


Diagram: 22 - CHECK LATCHING

22. Check the canopy position on the tub. Close the rear door. Check latch engagement and the door seal compression against the Tailgate seal.
Adjust canopy position as required to achieve good seal compression.

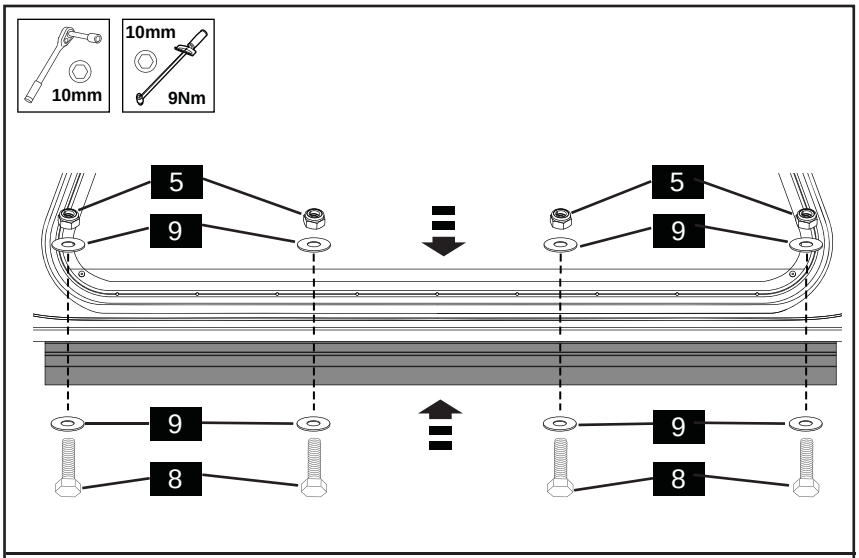


Diagram: 23 - SECURE CANOPY TO TUB STOP

23. Secure the canopy to the tub stop with four M6 hex head bolts, eight small flat washers and four Nylock nuts as shown. Tighten to **Torque 9Nm.**

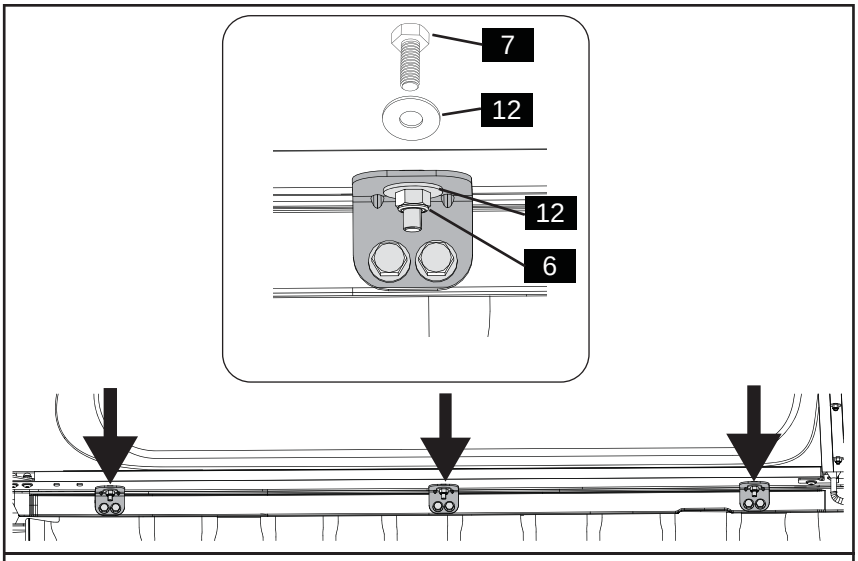


Diagram: 24 - SECURE CANOPY TO TUB

24. Using the hole in the base rail secure the canopy to the clamp bracket as shown.

Tighten to Torque 25Nm.

Repeat process for other side of the vehicle.

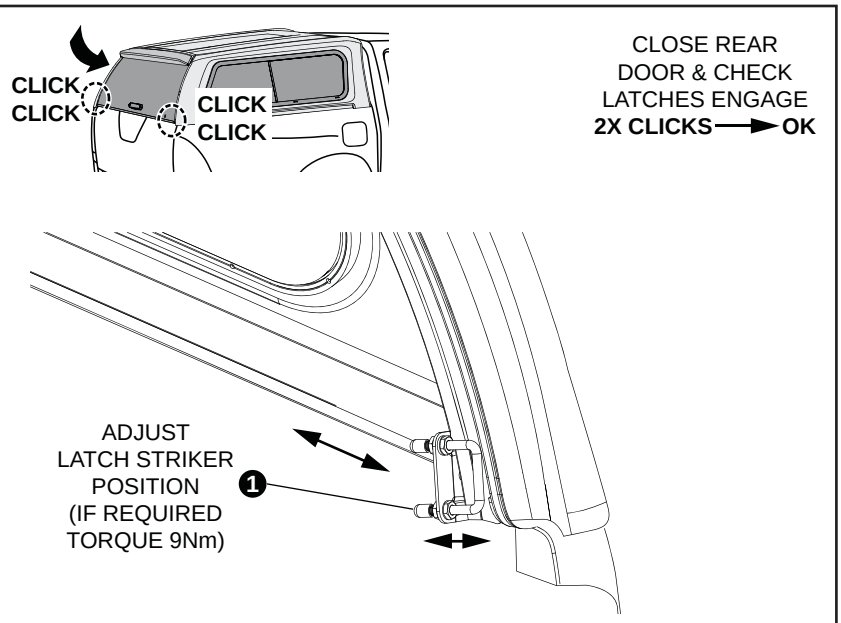


Diagram: 25 - CHECK LATCHING

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

If the latch striker is adjusted, tighten the striker nuts to 9Nm.

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.

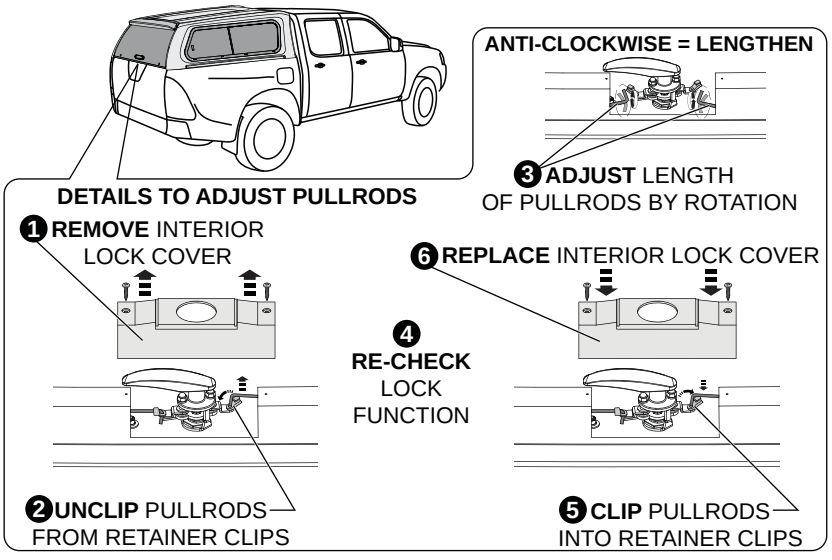


Diagram: 26 - WATER LEAK TESTING

26. Test both canopy keys work to lock and unlock the rear door and side lift up window. Open both side windows.

If the rear door handle does not lock, remove the interior lock cover, unclip the pull rods and wind to lengthen them slightly. Re-check rear door lock function.

When rear door locks replace interior lock cover, and add the canopy keys to the customers vehicle keys.

TOYOTA HILUX CANOPY

PLACE FITTING INSTRUCTIONS IN THE CUSTOMERS LOG BOOK

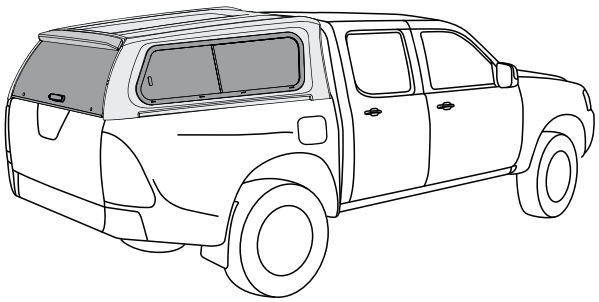


Diagram: 27 - FINAL CLEANING

27. Clean canopy including all windows and vehicle thoroughly.

Place fitting instructions in the Customers log book, and ensure the owners manual is discussed with the customer and a copy is given to the customer.

OWNERS MANUAL SUPPLEMENT
IMPORTANT: PLACE THIS PAGE IN THE CUSTOMER'S VEHICLE SERVICE BOOK.

WARNING! - SAFETY!

- Do Not use the canopy as a passenger compartment.
- Do Not operate/drive vehicle with fold up windows or rear door open. They must be closed when vehicle is in motion.
- Do Not store or transport volatile materials, such as solvents, chemicals or liquids as fumes may accumulate inside canopy. Do Not allow solvents, chemicals or oils to come in contact with the canopy. If this should occur clean the canopy immediately with a mild detergent and water solution.
- Do not stand/sit or rest heavy objects on Canopy.
- Do not fill volatile liquid containers while inside canopy such as fuel cans.
- **VEHICLES FITTED WITH A UTE LINER:** Static electricity can cause fire when fuel is pumped into ungrounded fuel containers or equipment (eg: motorcycles, chainsaws, etc). Do Not fill fuel containers or equipment within the vehicle tray as static electricity can cause fuel to ignite, resulting in damage, injury or death. To avoid electricity build-up, place fuel container or equipment on the ground before filling.

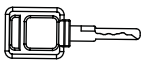
Maintenance

Only use mild detergents or wax polish. Do Not use abrasive compounds on painted or plastic finished canopy surfaces.
The gas struts are self lubricating and should only be cleaned with a damp cloth, when regularly cleaning the vehicle. Premature seal failure will result if solvents or lubricants are used to clean struts.
Gas struts must be orientated as installed, **cylinder (wide end) to canopy and rod (narrow end) to glass.**
Lightly coat the door and window rubber assemblies with a silicon spray after cleaning periodically.
Only locks and lock recesses are to be lubricated with Graphite Powder.
Vaseline may be used on the rotary catches on the rear door.
DO NOT use any other lubricants or oils. Using alternative products will VOID Warranty.
Check canopy attachment clamps every 1000 Km.
Clamp bolt recommended torque setting is (9 Nm or 6.64 lb/ft).
If removed, bolts must have **LOCTITE 243** re-applied and be re-tightened on refitting to specified values.
CHECK regularly that all screws and fasteners holding windows and doors are tight.
The rear tailgate protection tape must be replaced periodically to minimize paint scuffing caused by the canopy rear door opening and closing.
For sliding windows use a silicon based Non-Aerosol lubricant or a dry film lubricant or LY70 lubricant or 3M window channel dresser lubricant sparingly.

DO NOT use CRC, WD40 or petroleum based lubricants on sliding windows. ⚠

Toyota Hilux 2015 **CANOPY**

KEY IDENTIFICATION CODE



Please write the key identification code in the boxes above and retain this copy with the vehicle service history.
Replacement keys can be purchased from your local dealer.

Warranty Terms - EGR warrants that the ABS Canopy will be free from defects in material and workmanship for a period of two (2) years from the retail date of purchase. The gas struts are warranted for one (1) year from the retail date of purchase.
This warranty only applies to the original purchaser and is nontransferable. Warranty must be claimed with original sales receipt for proof of purchase.

Exclusions - This warranty does not cover failure due to neglect, improper installation, including any modifications to installation hardware, alterations, addition of non genuine equipment, abuse, accident, normal wear and tear, lack of maintenance, misuse, and exposure to chemicals that are not safe for plastics or hardware components.
Incidental or consequential damage or loss of contents due to use, neglect, lack of maintenance, misuse of the Canopy is sole responsibility of the vehicle owner and operator. Paint wear to the vehicle bed can happen with any Canopy and is the sole responsibility of the vehicle owner. Paint damage to your vehicle is not covered under this warranty.

Disclaimer - In the event that your Canopy is found to be defective under the terms of this warranty, it is at the discretion of EGR to repair or replace the defective part. Transportation costs and labour are not associated with this warranty claim.

INSTALLATION CHECKLIST

Dealer Name:	Dealer Code:
Model:	Stock No:
Order Date:	Order No:
Required By:	Vin No:

Canopy Colour

Vehicle Damage Check: **Detail:** _____

Vehicle Type:
Double Cab: **(A Deck)** ☐

UTE LINER ☐
Additional Accessory

Canopy Checklist - Details of rectifications required: **KEY No. :**

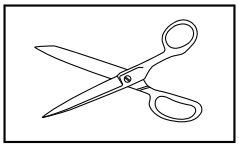
1. Check paint on canopy	☐
2. Cleanliness of canopy inside and outside	☐
3. Canopy sealing to tray, tub spacer rail, tub stop rail and foam tape applied correctly	☐
4. Seal around Front of tub, vertical corners & floor with Silicone after foam tape applied	☐
5. Tailgate clear tape fitted	☐
6. Position canopy on tub squarely side to side, rear door closes on second stage latch (not just first latch) both sides and lower door sash seal, seals to tailgate, adjust strikers and /or door latch pull rods via access to centre door handle by removing internal door handle cover	☐
7. Clamps are square and tight (Torque 9Nm)	☐
8. Operation of Pin-switch	☐
9. Rear Door, Side Door's and Front window operation, side windows lock with keys. Check rear door handle and locks with keys. If not locking remove interior cover on rear door handle and adjust the pull rods by winding them in/out and test the door again, replace cover.	☐
10. Operation of brake light	☐
11. Operation of interior light	☐
12. Water tested for leaks	☐
13. Clean up of work area	☐

14. Comment

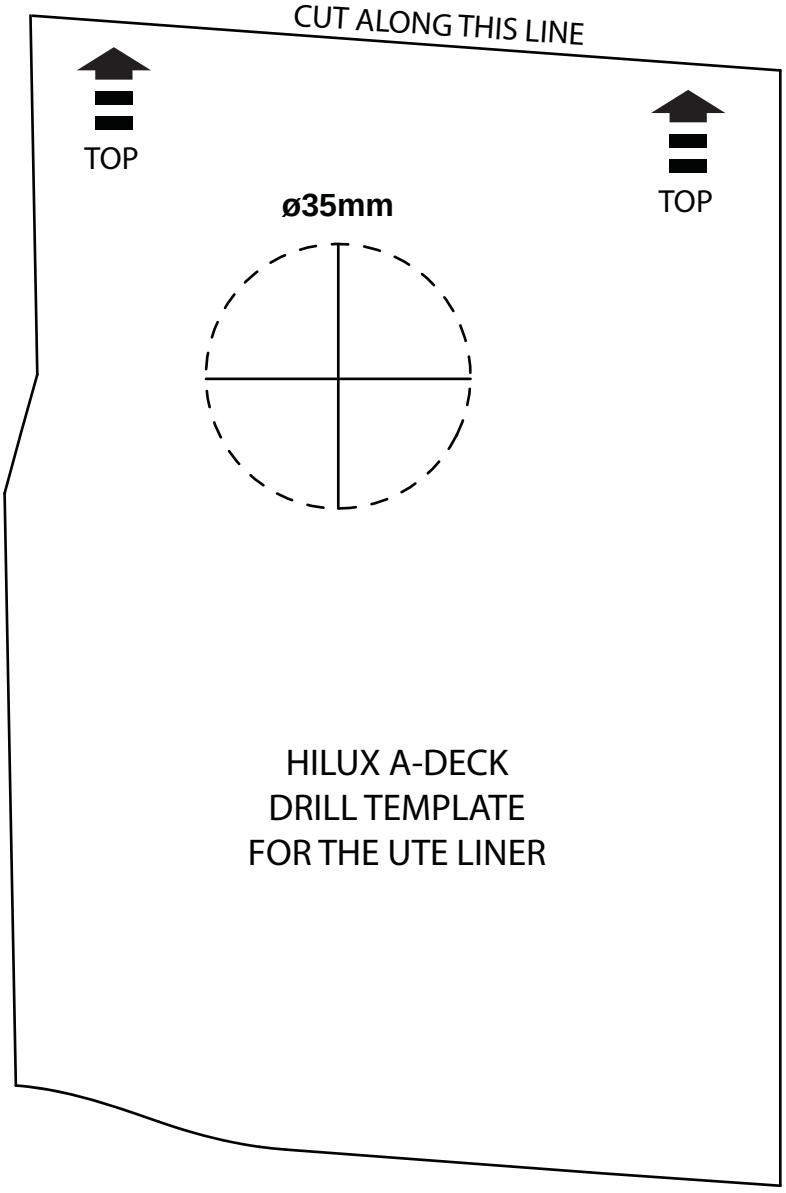
Fitted By:

Vehicle Received and Checked by Dealer Staff:

Record Canopy Serial Number:	**Checked By:**



HILUX A-DECK DRILL TEMPLATE FOR THE UTE LINER

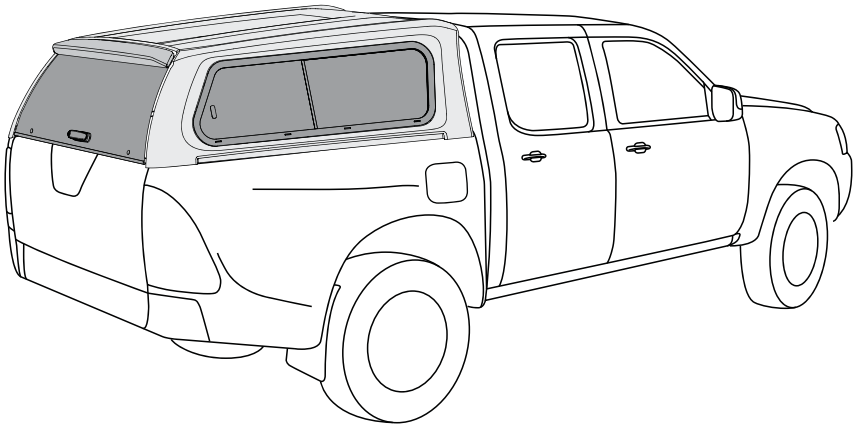


100mm (CHECK TO MAKE SURE SCALE IS 1:1)

CANOPY LAMP

FITTING INSTRUCTIONS

TOYOTA HILUX A-deck 2015 ~



Installation Time: Approx. 50 Minutes

Important

NOTE: IF REMOTE LOCKING KIT IS TO BE INSTALLED, PLEASE DISREGARD THE FOLLOWING STEPS AND REFER TO FITTING INSTRUCTION CP0285 COINTAINED WITHIN REMOTE LOCKING KIT.

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.**
- **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.**

PERSONAL PROTECTIVE EQUIPMENT:

Mask

Rubber Gloves

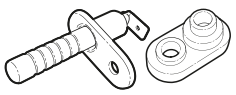
Goggles

Hearing Protection

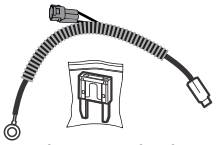
PARTS IN MAIN CARTON

Vehicle Wiring Kit
(LOOM0070)
Qty - 1

AA



Loom0075
Pin Switch x1



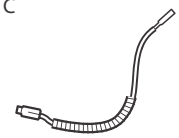
Ring Terminal
Power Harness
(LOOM0091)Qty - 1

PARTS IN VEHICLE WIRING KIT - LOOM0070 (not to scale).

B

Power Harness x1

C

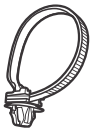


Extension Patch x2

D

Ø6mm P-Clip x1

E



Ø8mm P-Clip x2

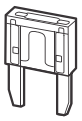
F

Adhesive Cable Tie
Mounts x8

G

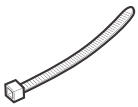
Alcohol Wipe x2

H



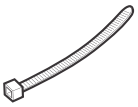
Mini Blade Fuse - x1

I



Cable Tie -200mm x30

J



Cable Tie - 600mm x3

K

Misc4385
Spacer x 1

N

Screw0944
M4 Screw x1

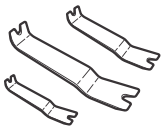
O

Wash0192
Flat Washer x2

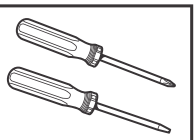
P

Nuts0247
M4 Nut x 1

TOOLS REQUIRED:

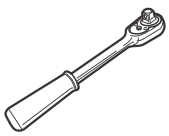


Trim Removal Tools



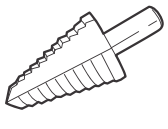
Phillips & Flat Head
Screw Drivers

Sockets - Ø10mm,
Ø12mm, Ø13mm,
Ø14mm,



Ratchet

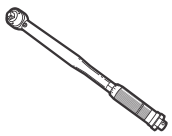
Wire Cutters



Step Drill - Ø30mm

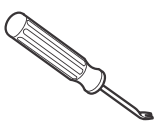
Drill

Drill Bit - Ø3mm

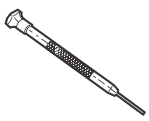


Torque Wrench

Masking tape



Clip Remover Tool



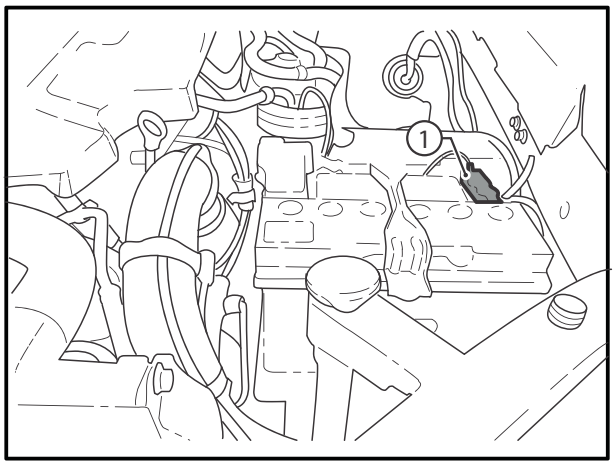
Jeweller's Flat Head
Screw Driver

Step 1

Important

Always refer to the vehicle's Workshop Manual when removing vehicle components.

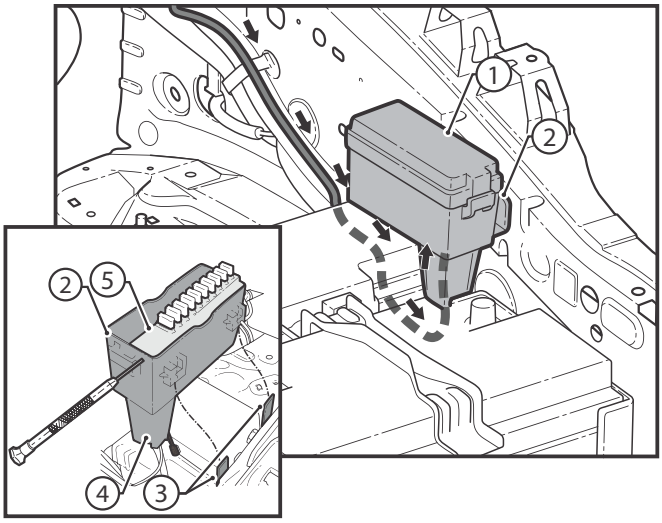
- Note down all clock and radio settings
- Disconnect the negative terminal of the battery (1) in the engine bay.



Step 2

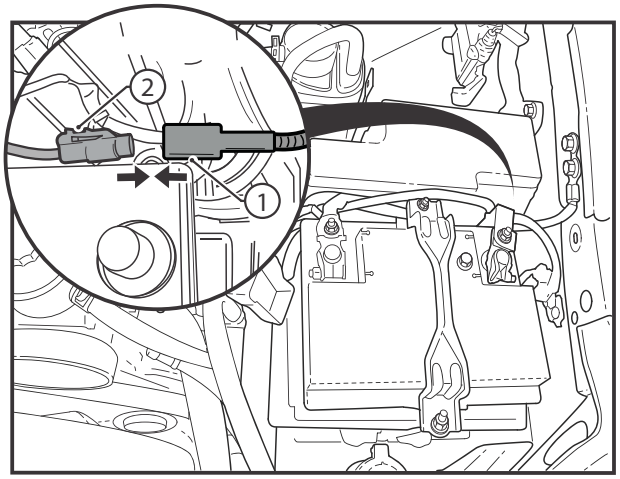
If vehicle is NOT fitted with accessory fuse block go to Step 5, otherwise continue with Step 2:

- Remove the accessory fuse block cover (1) .
- Disconnect the accessory fuse block (2) from its mounting bracket (3) .
- Using side cutters, remove and discard the cable tie (4) from the wire bundle.
- Unclip and dislodge the fuse holder (5) .



Step 3

- Connect the Power Harness 1-way male connector (1) to the RED Extension Harness 1-way female connector (2) .
- Secure Power Harness to the vehicle harness in between the battery and the fuse box.



Step 4

- Feed the Extension Harness RED terminal wire (1) through the fuse block funnel.
- Insert the RED fuse terminal (2) into the cavity as shown.

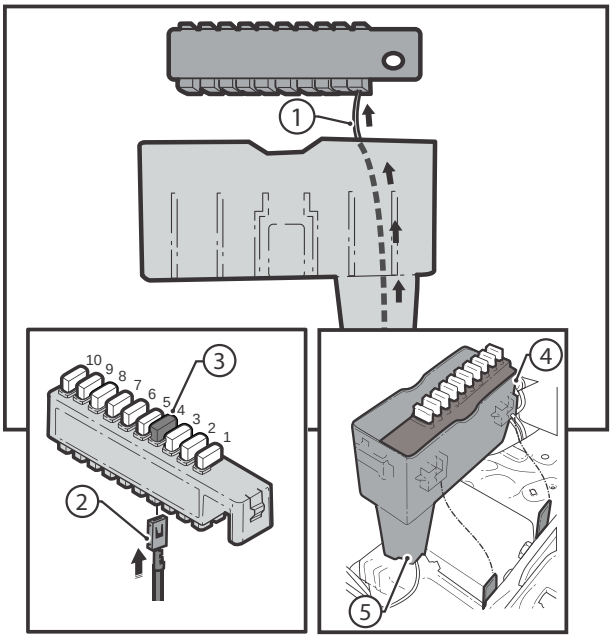
Important	
	Ensure an audible 'click' is heard.

- Insert the supplied Mini Blade Fuse (3) into the wired slot and re-fit back into the accessory fuse box (4) .

Important	
	Check fuse terminal retention.

- Secure harness with a Cable Tie (5) where shown.

  Go to Step 6.

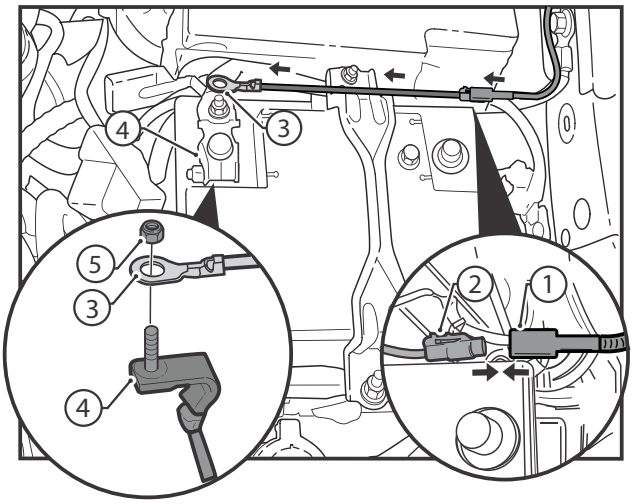


Step 5

This Step only for vehicles NOT fitted with an accessory fuse box:

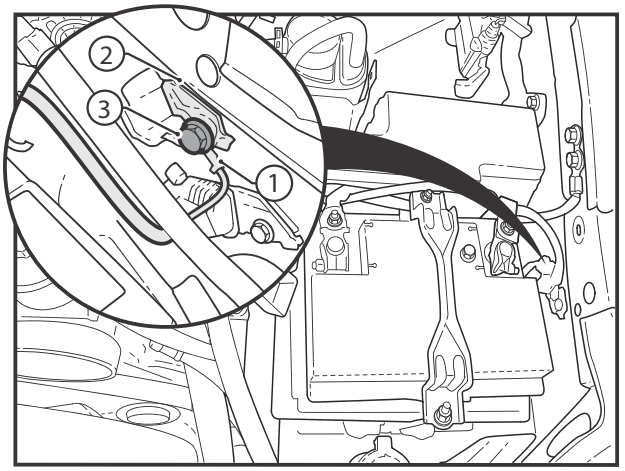
- Connect the Power Harness 1-way male connector (1) to the fused Extension Harness 1-way female connector (2) .
- Route the fused RED wire 8mm ring terminal (3) to the positive battery terminal (4) .
- Secure the vehicle harness positive battery ring terminal (4) to the back section of the battery positive terminal using the existing nut (5) .
- Secure Power Harness with supplied Cable Ties at every 200mm intervals.

Important	
	Positive battery ring terminal nut to be tightened to 13Nm. Battery post terminal torque to be between 2.9 and 7.8 Nm.



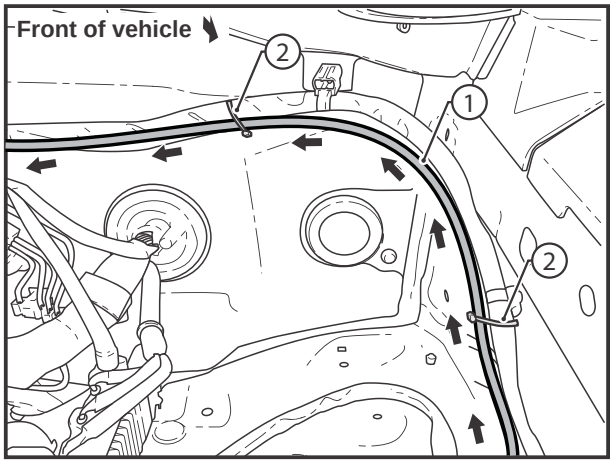
Step 6

- Secure the Power Harness earth ring terminal (1) to the vehicle engine bay LHS wall grounding point (2) using the existing nut (3) .



Step 7

- Route the Power Harness (1) from the battery (or accessory fuse box if fitted), following the vehicle harness down the LHS of the engine bay.
- Secure the Power Harness (1) to the vehicle harness using Cable Ties (2) in the locations shown.

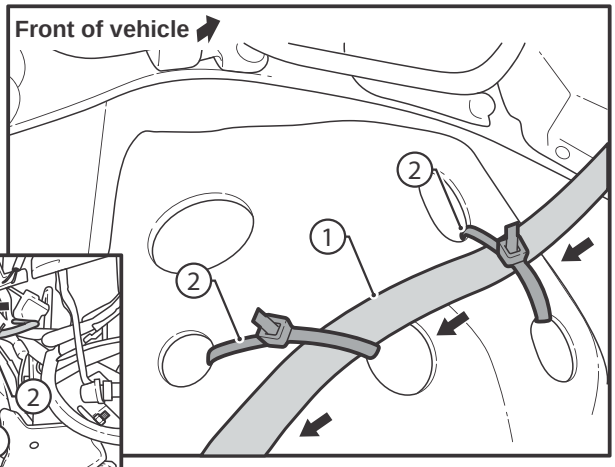


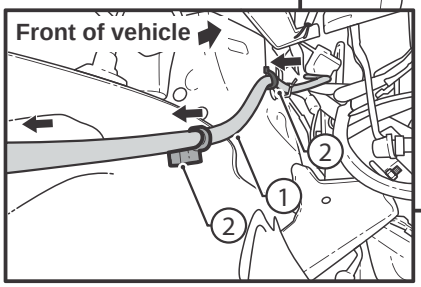
Step 8

- Route the Power Harness (1) down into the engine bay towards the LHS chassis rail and secure to the chassis rail using Cable Ties (2) at the locations shown.

Important

Avoid sharp edges, brake lines and sources of heat.



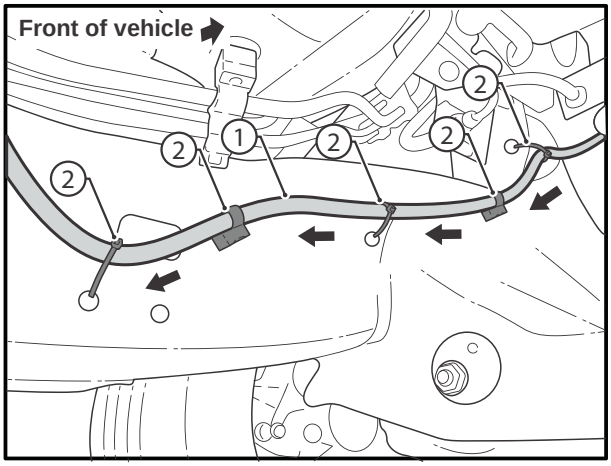


Step 9

- Continue routing along the chassis rail towards front tub panel.
- Secure the Power Harness (1) to the chassis using Cable Ties (2) in the locations shown.

Important

Avoid sharp edges, brake lines and sources of heat.

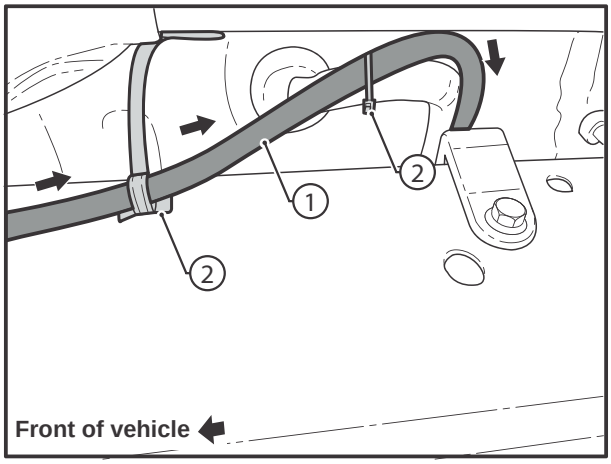


Step 10

- From underneath the vehicle, route the Power Harness power wire (1) towards the front tub panel, following the inside of the LHS chassis rail.
- Secure the Power Harness (1) to the chassis using Cable Ties (2) in the locations shown.

Important

Avoid sharp edges, brake lines and sources of heat.

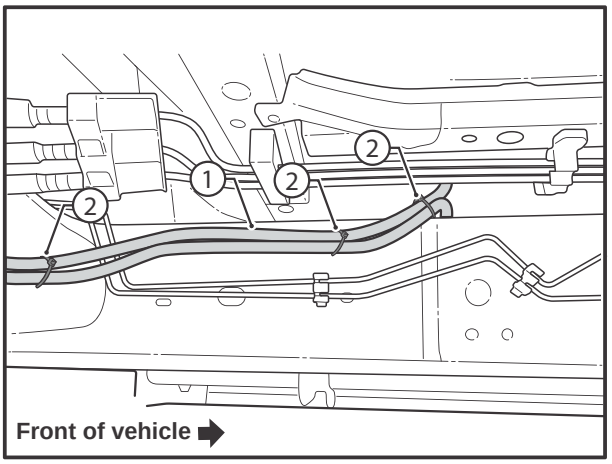


Step 11

- Following the LHS chassis frame, route the remaining Power Harness branches (1) towards the LHS front of the tub.
- Secure the Power Harness to the chassis using supplied Cable Ties (2) to the locations shown.

Important

Avoid sharp edges, brake lines and sources of heat.

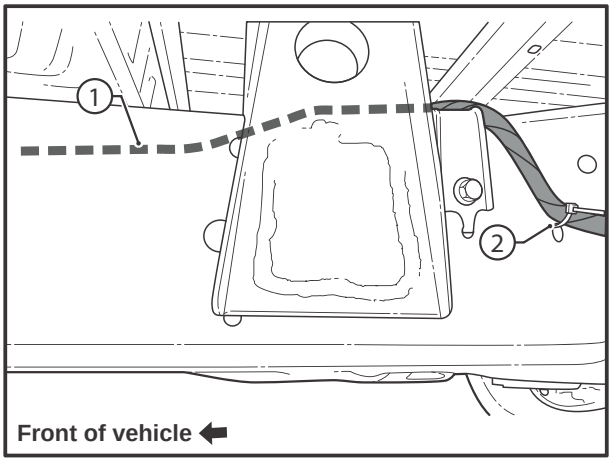


Step 12

- Continue routing along the chassis rail towards the LHS front tub panel.
- Secure the Power Harness (1) to the chassis using supplied Cable Ties (2) to the locations shown.

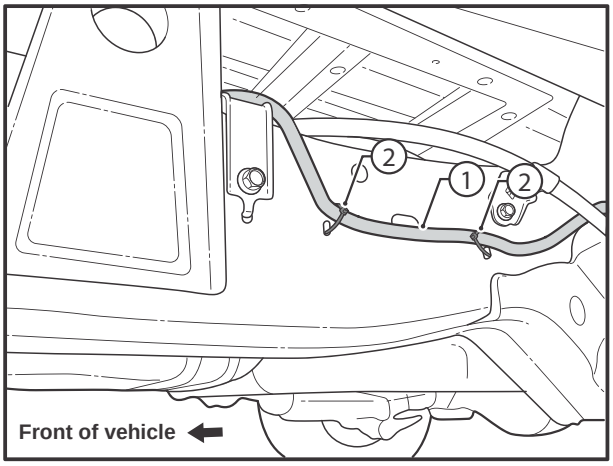
Important

Avoid sharp edges, brake lines and sources of heat.



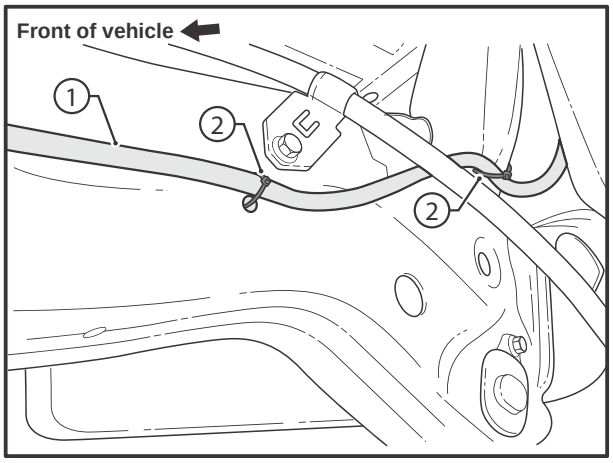
Step 13

- Continue routing along the chassis rail towards the LH front tub panel.
- Secure the Power Harness (1) to the chassis using supplied Cable Ties (2) to the locations shown.



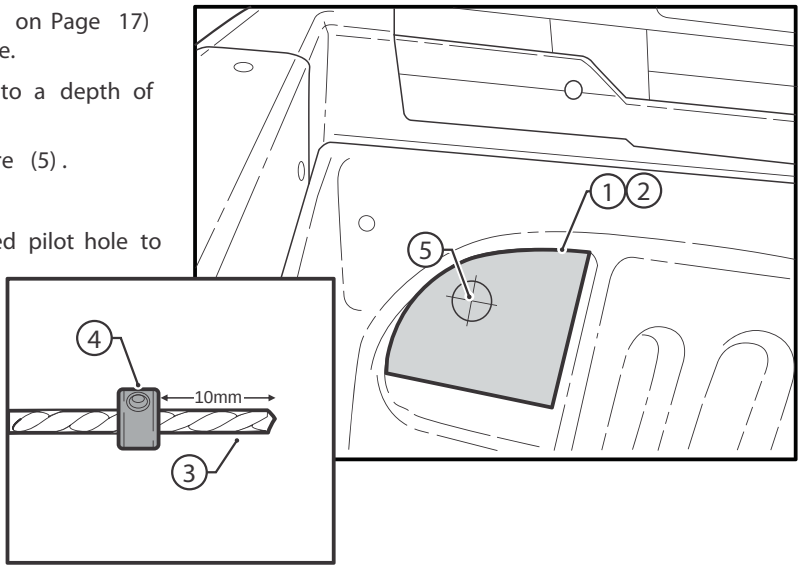
Step 14

- Continue routing along the chassis rail towards the LH front tub panel.
- Secure the Power Harness (1) to the chassis using supplied Cable Ties (2) to the locations shown.



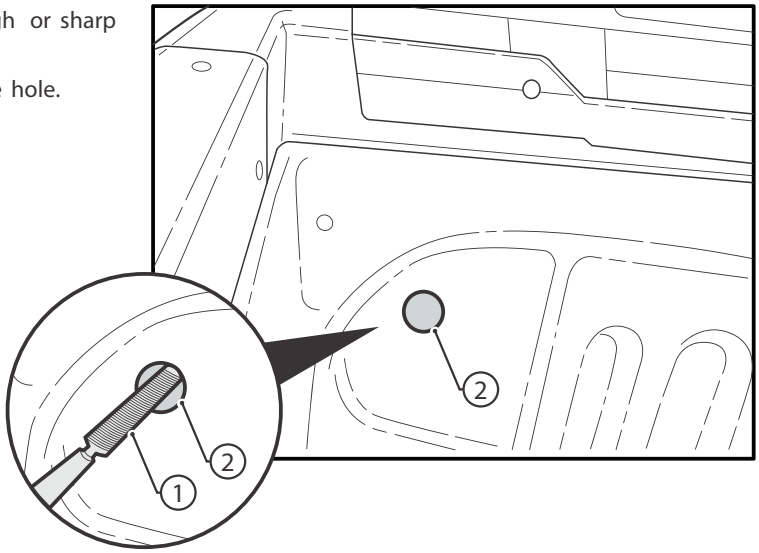
Step 15

- Cut out and adhere the supplied Template (located on Page 17) (1) to the LHS front inner tub panel area (2) using tape.
- Mark Ø3mm on the drill (3) using a drill stop (4) to a depth of 10mm.
- Drill a pilot hole through the template crosshair centre (5).
- Remove and discard the template (1)
- Using a stepped drill bit, drill out the previously drilled pilot hole to Ø30mm



Step 16

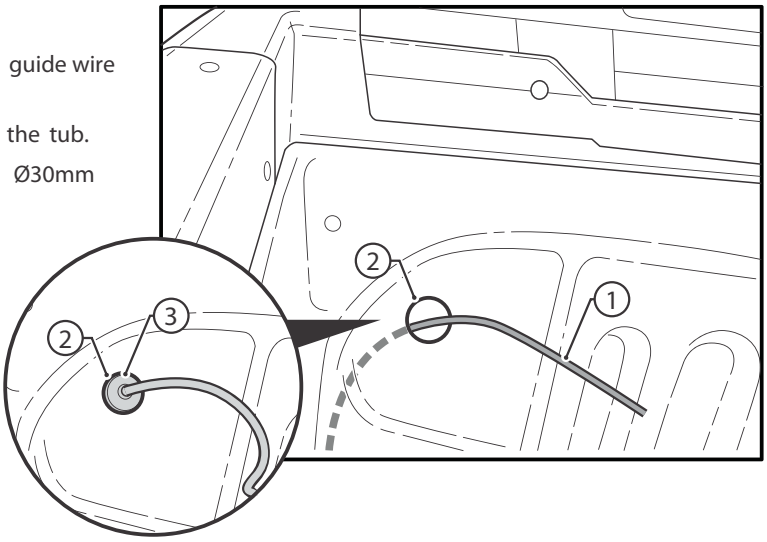
- Using a file (1) de-burr the hole and remove any rough or sharp edges.
- Apply rust inhibitive compound around the edges of the hole.



Step 17

- Feed a guide wire (1) through the Ø30mm hole (2)
- From underneath the LHS front of the tub, retrieve the guide wire and secure it to the Power Harness connectors.
- Pull the Power Harness (1) through the hole (2) and into the tub.
- Ensure a good seal has been achieved between the Ø30mm grommet (3) and Ø30mm tub panel hole.

Note: Ensure the larger grommet (Ø30mm) is used.



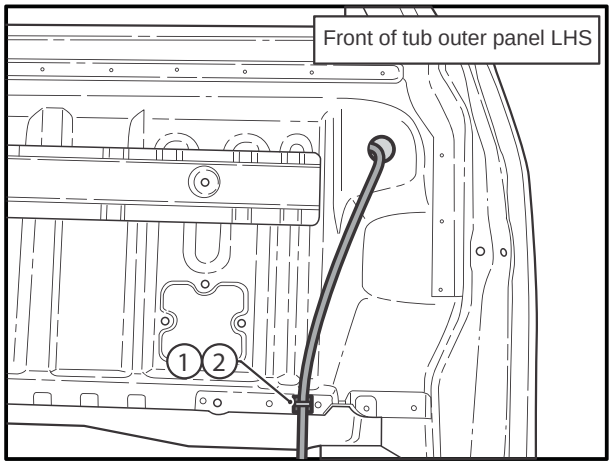
Step 18

- From underneath the LHS front tub area, clean the front tub panel (1) with the supplied Cleaning Pad.

Important

Allow the areas cleaned with the supplied Cleaning Pad to dry before continuing.

- Secure the Power Harness to the front tub panel using the supplied Cable Tie Mount and Cable Tie (2) .

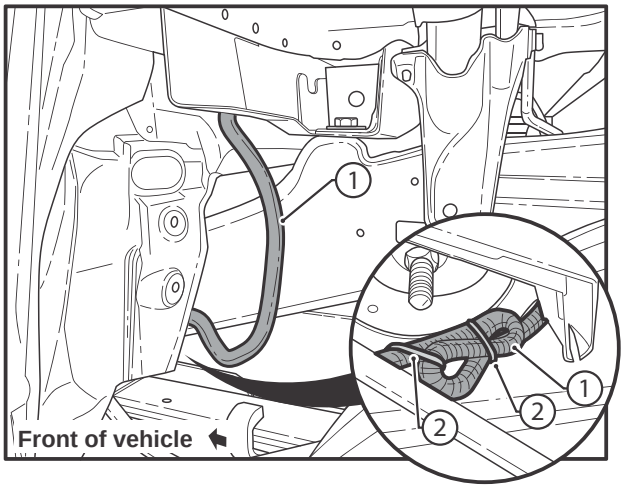


Step 19

- Secure excess Power Harness (1) away from the rear RH wheel arch area using the supplied Cable Ties (2) .

Important

Ensure the Power Harness (1) is kept clear of all sharp edges or moving parts.



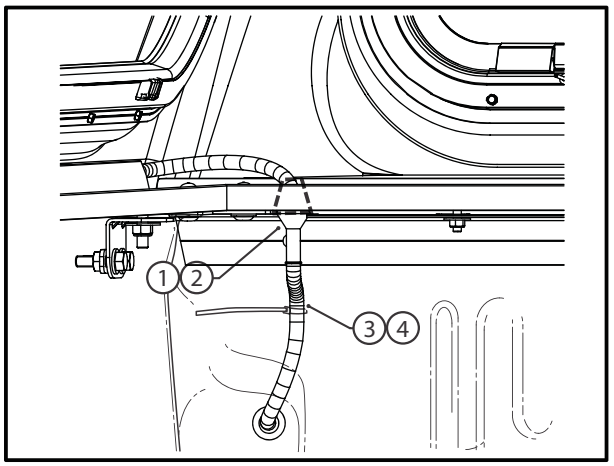
Step 20

- Continue routing the Power Harness through the existing front canopy rail Ø25mm hole (1) until the Ø25mm canopy harness grommet (2) makes a good seal with the front canopy rail hole
- Using the supplied Cleaning Pad, clean the front canopy panel in the area shown (3)

Important

Allow the areas cleaned with the supplied Cleaning Pad to dry before continuing.

- Secure the Power Harness to the tub using a supplied Cable Tie Mount and Cable Tie (4) .



Step 21

- Route across the top of the canopy rail (1) around the LH side of the canopy.
- Using a supplied Cleaning Pad, clean the outer side of the LHS rail in the front tub area shown (2).

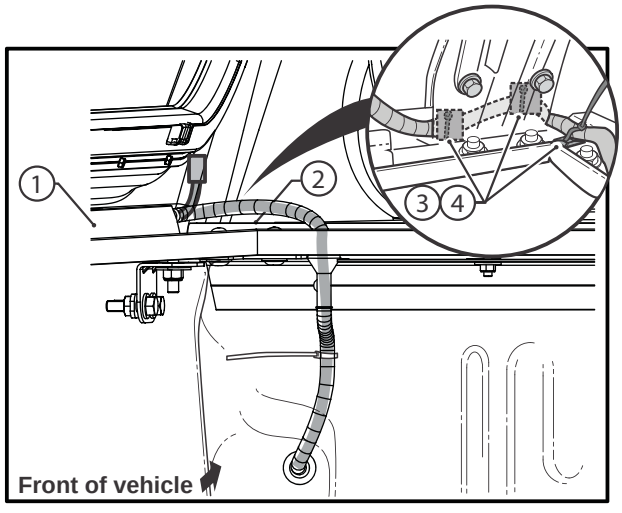
Important

Allow the areas cleaned with the supplied Cleaning Pad to dry before continuing.

- Secure the Power Harness to the front LHS rail and bracket using supplied Cable Ties (3) and Cable Tie Mounts (4) in the locations shown.

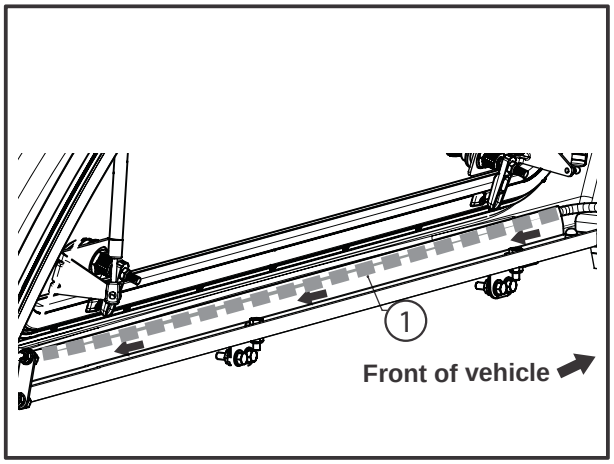
Important

Check that the Power Harness is not rubbing against sharp edges or fasteners.



Step 22

- Route the Power Harness (1) along the lower LHS window channel, towards the rear of the canopy.
- Press the Power Harness (1) into the window frame channel and ensure the corrugated tubing is clipped in firmly.



Step 23

- Route the Power Harness across the rear LHS canopy corner rail and the outer surface of the canopy bracket as shown.
- Using a supplied Cleaning Pad, clean the top of the rail in the LHS rear canopy area (1).

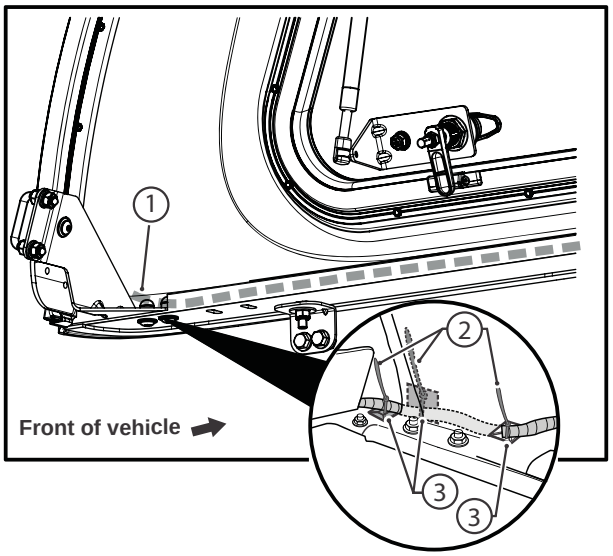
Important

Allow the areas cleaned with the supplied Cleaning Pad to dry before continuing.

- Secure the Power Harness to the LHS rear canopy bracket and rail using supplied Cable Ties (2) and Cable Tie Mounts (3).

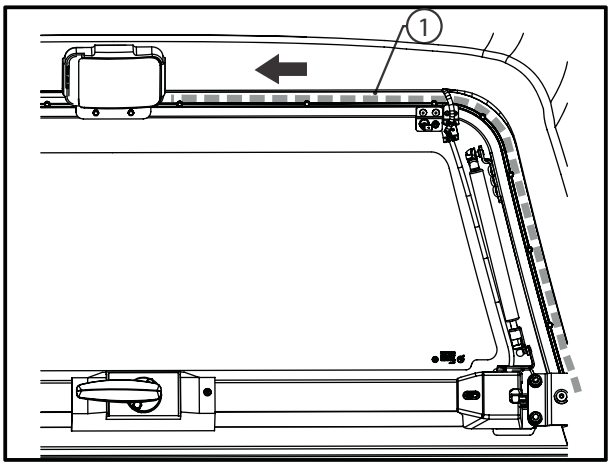
Important

Check that the Canopy Harness is not rubbing against sharp edges or fasteners.



Step 24

- Route the Power Harness (1) up the LHS of the rear canopy window frame channel as shown.
- Continue routing the Power Harness (1) across the top of the rear canopy window frame channel towards the RH side.



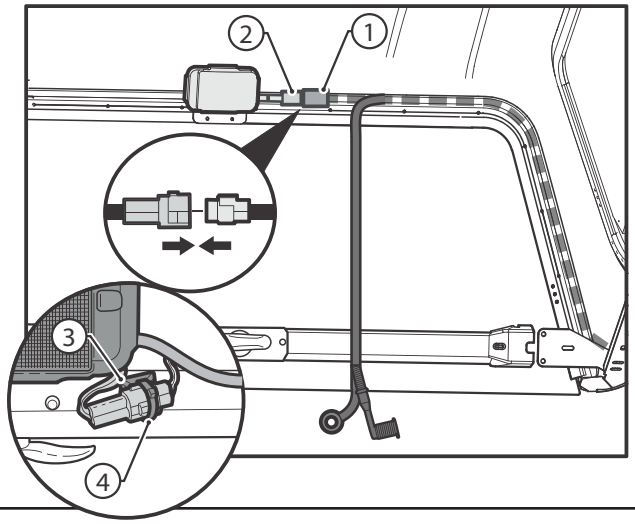
Step 25

- Connect the canopy lamp connector (1) to the canopy harness connector (2).
- Cable tie back any excess harness length.

Important

Ensure the Canopy Harness is free from sharp edges and pinch points.

- Secure the connectors to the canopy window frame using the supplied Cable Tie Mount (3) and Cable Tie (4).

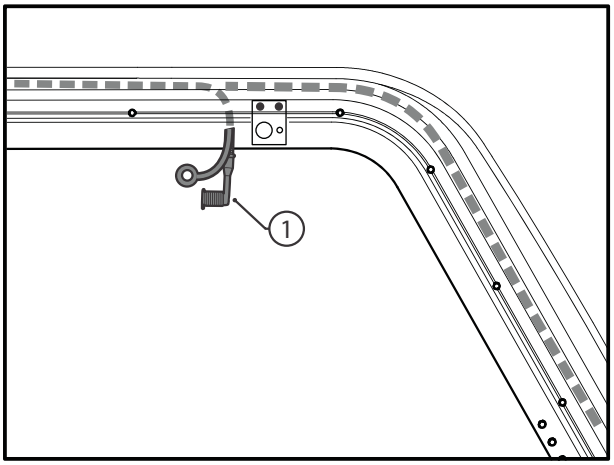


Step 26

- Route the ring terminal (1) and pin switch grommet (2) branches across the rear upper window frame channel towards the rear pin switch bracket.

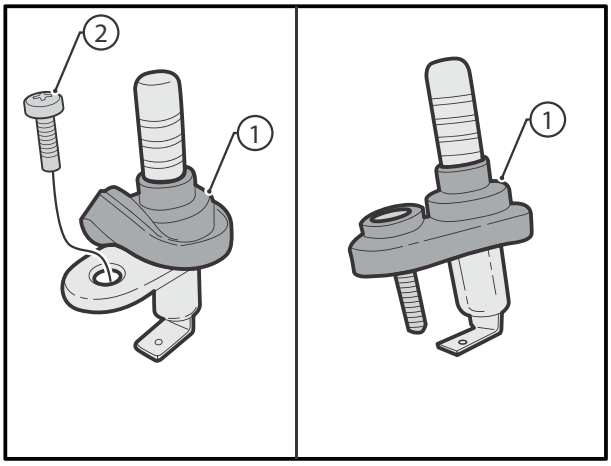
Important

Check that the Canopy Harness is clear of sharp edges and pinch points.



Step 27

- Lift the rubber cover (1) of the pin switch and place Phillip countersunk screw (2). Close the rubber cover (1).



Step 28

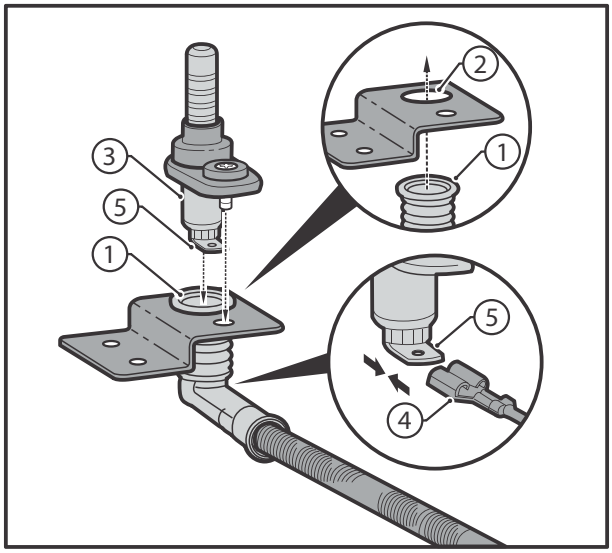
- Insert the Canopy Harness right-angled grommet end (1) into pin switch bracket hole (2).
- Slide the pin switch (3) into the Canopy Harness right-angled grommet opening (1) from the top.
- Inside the Canopy Harness right-angled grommet, connect the female harness terminal (4) to the male pin switch terminal (5).

Note: A-Deck bracket variant shown.

Note: Window frame not shown for illustrative purposes.

Important

Check that the pin switch contacts the glass when the door is closed. If not, then add the spacer provided between the bracket and the pin switch.

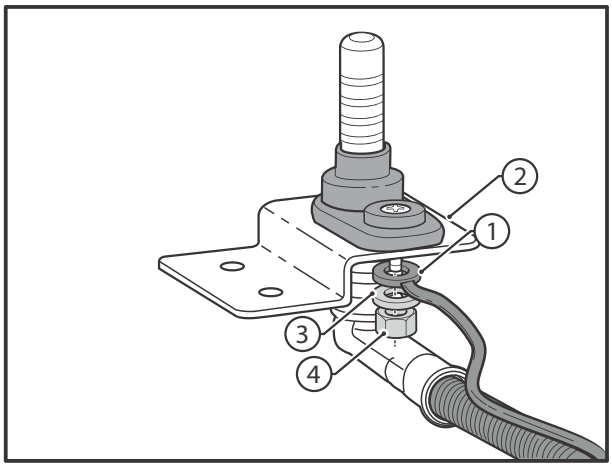


Step 29

- Secure the Canopy Harness ring terminal (1) onto the face of the pin switch bracket (2) using the supplied M4 flat washer (3) and M4 nyloc nut (4) .

  Note: A-Deck bracket variant shown.

  Note: Window frame not shown for illustrative purposes.



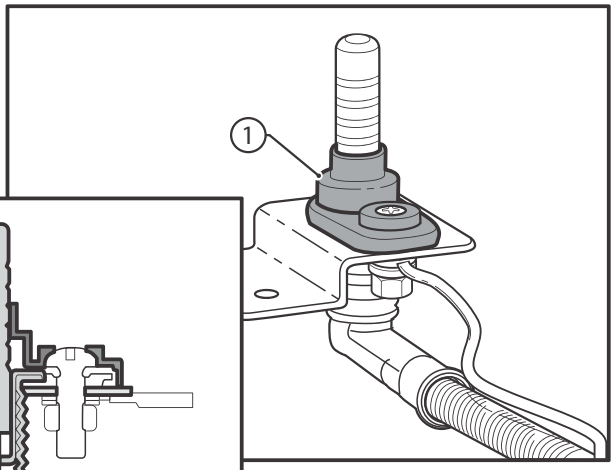
Step 30

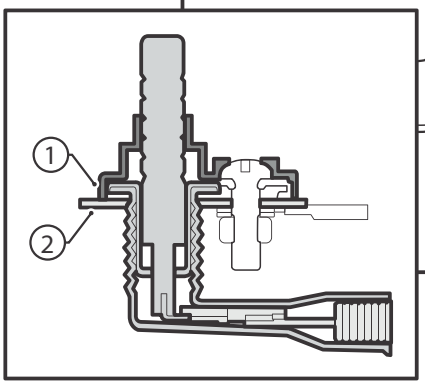
- Lower face of the pin switch grommet (1) should be contacting the pin switch bracket (2) .
- Tighten the bolt and nut.

  Note: A-Deck bracket variant shown.

  Note: Window frame not shown for illustrative purposes.

Important	Push the pin switch in and out to ensure there are no snags.
Important	Torque M4 nyloc nut (4) to 3Nm.





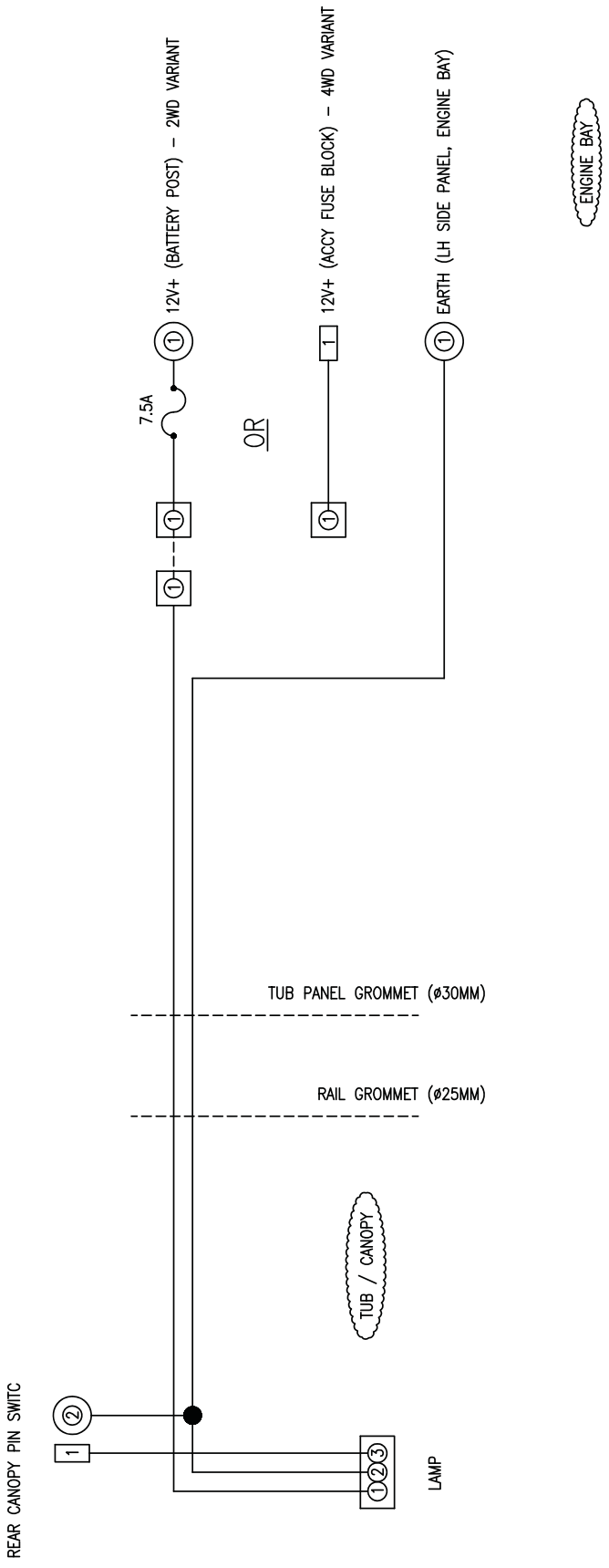
Step 31

- Reconnect the negative battery terminal.

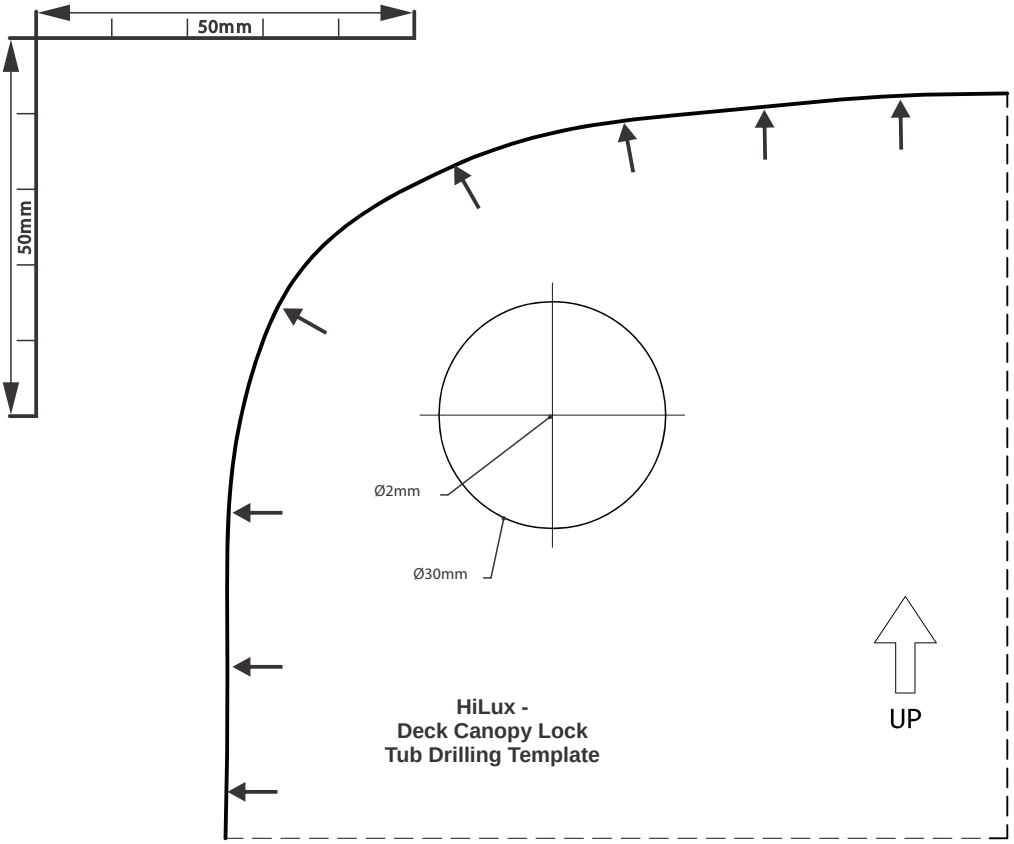
Important	Battery Post terminal to be torqued in between 2.9 and 7.8Nm.

- Check the operation of the Canopy door ajar feedback system:
  - Ensure car is unlocked
  - Open the rear canopy window
  - Check the door ajar indicator on the instrument cluster is “on”
  - Close all canopy windows.
  - Check the door ajar indicator on the instrument cluster is “off”.

Harness Circuit Diagram



Drilling Template



Important

Always confirm the length of the 50mm scale markers before cutting out template.