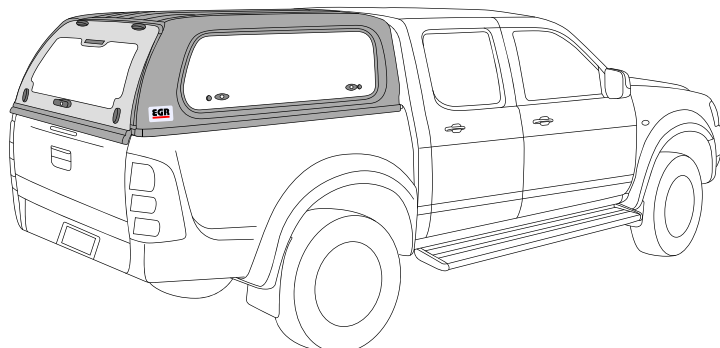


## TOYOTA HILUX Double Cab - SR / SR5 (with & without Toyota Genuine Bed Liner) (February 2005 Production Onwards)



### Installation Time:

1 Hour (Approximately)  
Without Bed Liner fitted  
1 Hour 45 minutes (Approximately)  
With Bed Liner fitted

### Care Instructions:



Clean Canopy with a mild detergent and water solution.



Do not use abrasive cleaners or solvents.

Place these instructions in vehicle's glove box after installation is complete

PLEASE REFER TO PAGE 2, OF THIS INSTRUCTION FOR A LIST OF PARTS AND QUANTITIES.



**IF FITTING CANOPY TO A 'J' DECK VEHICLE (SR LEVEL),  
THEN ADDITIONAL SUPPLEMENTARY KIT PART No:- "KIT-HLX05-JD"  
WITH FITTING INSTRUCTIONS (CP0016) WILL BE REQUIRED.**



### IMPORTANT!

- 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.
- Recommend installation by 2 people.



**This Canopy is designed to suit the Double Cab (4x2 & 4x4) SR & SR5 Hilux.  
Sports Bars MUST be removed & returned to Customer with all hardware components if required.  
Cabin Guards MUST be removed & discarded.**

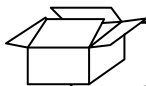
**This Fitting Instruction where a Bed Liner is referred to, is based on -  
Toyota Genuine Over Rail Bed Liner Accessory Part No's. :-  
PZ053-0K003 (With Cabin Guard) PZ053-0K073 (Without Cabin Guard) only.**

### RECOMMENDED TOOL LIST - (Not Supplied in Kit)

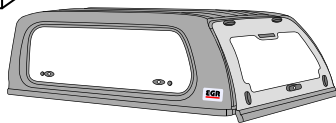
- |  |   |
|--|---|
| • Loctite 277 thread locking liquid (IMPORTANT)    | • Non Permanent Marker                            |
| • Phillips Head Screwdriver                        | • Masking Tape                                    |
| • Large Flat Blade Screwdriver                     | • Cleaning Cloths / Rags                          |
| • Medium Adjustable Spanner                        | • Steel Rule and Tape Measure                     |
| • Side Cutters                                     | • Scissors (Sharp)                                |
| • Sockets 10, 12 & 13mm, Extension Bar and Driver  | • Knife (Sharp)                                   |
| • Spanners 10, 12 & 13mm                           | • Squeegee  |
| • Silicon Dispensing Gun                           | • Metal Primer                                    |
| • Non Acetic Silicon (Neutral Cure)                | • Ø44mm Hole Saw & Drill                          |
| • Spray Bottle (25% isopropyl Alcohol & 75% Water) | • File or Deburring Tool                          |
| • Spray Bottle Water                               | • (Optional) Ø5mm Drill Bit                       |
| • Torque Wrench - 0-10Nm                           | • (Optional) Rivet Gun for Stainless Steel Rivets |
| • Angle Grinder (Medium Size)                      |   |

### PARTS CHECK SHEET

### TOYOTA HILUX CANOPY



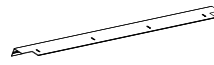
#### PARTS IN MAIN CARTON



Canopy  
Qty - 1



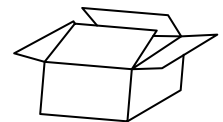
Rail Extrusion  
Tub Stop  
(ALUM0038-8)  
Qty - 1



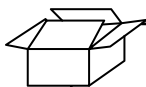
Front Tub Spacer  
Extrusion  
(ALUM0038-7)  
Qty - 1



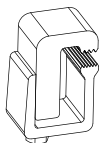
Lock Keys  
(Attached to  
Canopy Internal  
Rear Door Handle)  
Qty - 2



Fitting Kit  
(KIT031949)  
Qty - 1



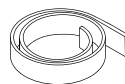
#### PARTS IN FITTING KIT (KIT031949)



Kit - Rail  
Clamps  
(CNPY0007)  
Qty - 6



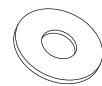
Clear Abrasion  
Tape Roll  
48mm Wide  
(TAPE0611-1)  
Qty - 1



Tape EPDM4300  
5.5mx20mmx6mm  
(TAPE0386)  
Qty - 1



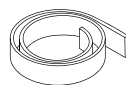
Screw M6x30  
Hex Head SS304  
(SCRW0824)  
Qty - 4



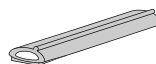
M6 Flat Washer  
OD. 19mm  
(WASH0169)  
Qty - 8



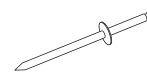
M6 Nyloc Nut  
SS304  
(NUTS0016)  
Qty - 4



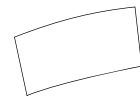
Tape 4026 GHBWH  
12x1700mmx 1.14  
Thick Roll  
(TAPE0615)  
Qty - 1



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



Rivet SS304  
ST-ST 6-6  
(FAST0433)  
Qty - 8



Clear Tape Pad  
50x3mm Abrasion  
Resistant  
(TAPE0011)  
Qty - 6



Alcohol Wipe  
(MISC0052)  
Qty - 4



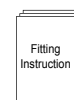
Rust Inhibitor  
Satchel  
(MISC2776)  
Qty - 1



Primer Stick  
(MISC1365)  
Qty - 4



Vehicle Wiring  
Patch Harness Kit  
(LOOM0016)  
Qty - 1



Fitting  
Instruction  
(FIT-CP0015a)  
Qty - 1



#### PARTS IN VEHICLE WIRING PATCH HARNESS KIT (LOOM0016)





Vehicle Wiring  
Patch Harness  
(LOOM0016)  
Qty - 1

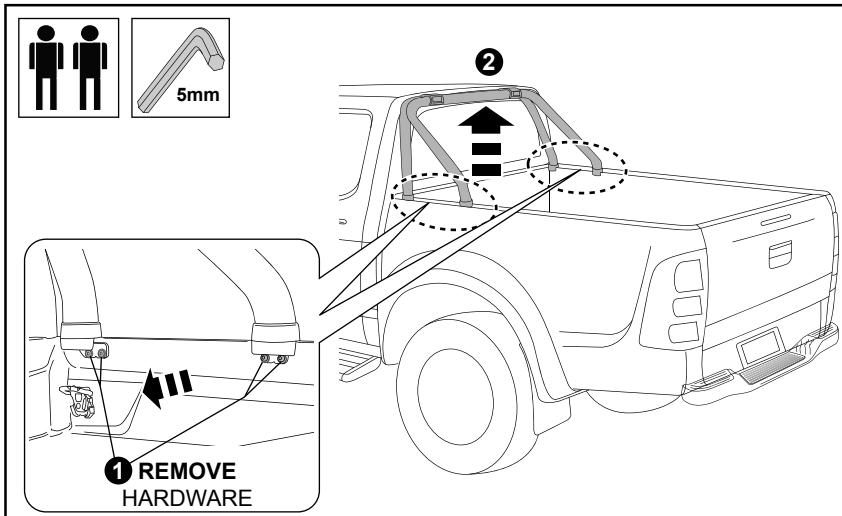


Cable Ties  
(4) Long  
(2) Short  
Qty - 5

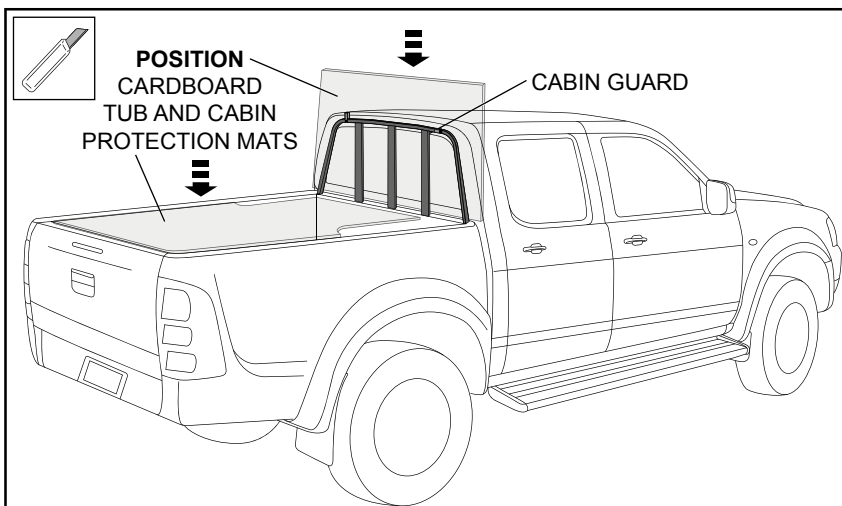


Adhesive Tie  
Pad  
Qty - 1

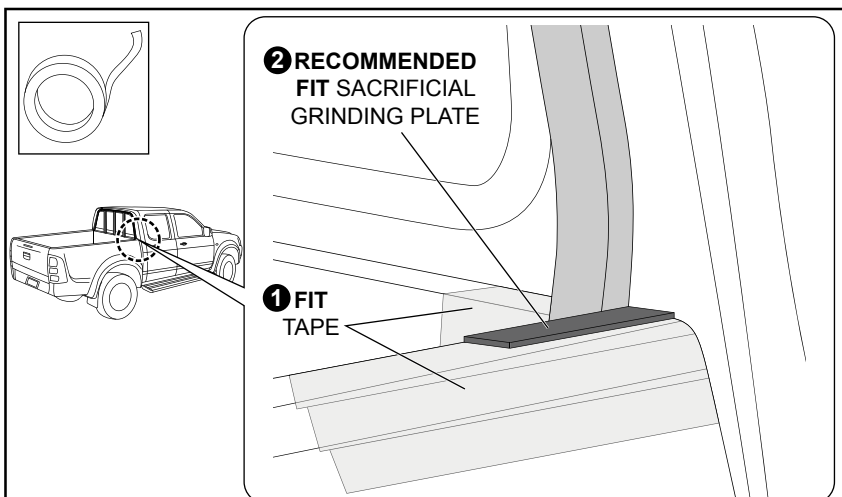

**IF A SPORTS BAR IS FITTED TO THE VEHICLE, PLEASE PROCEED TO STEP 1.**  
**IF A CABIN GUARD IS FITTED TO THE VEHICLE, PLEASE PROCEED TO STEP 2.**  
**IF THE VEHICLE HAS NO CABIN GUARD OR SPORTS BAR PLEASE PROCEED TO STEP 13.**




**Diagram: 1 - REMOVE SPORTS BAR & HARDWARE**



**Diagram: 2 - PROTECT VEHICLE SURFACES**



**Diagram: 3 - SECURE GRINDING PLATE**

1. Remove the eight (8) 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. (ref. diagram1).
2. 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, and a piece between the tub and cabin as a protection sheet while removing the cabin guard. (ref. diagram2).
3. Apply 200mm lengths of overlapping masking tape to the top and side of the tub rail, up to and around the cabin guard as shown.  
**Recommended:** Fit a 2mm thick steel plate as a sacrificial grinding plate (Not supplied in kit), next to the cabin guard as shown, repeat process for the other side of the vehicle. (ref. diagram3).

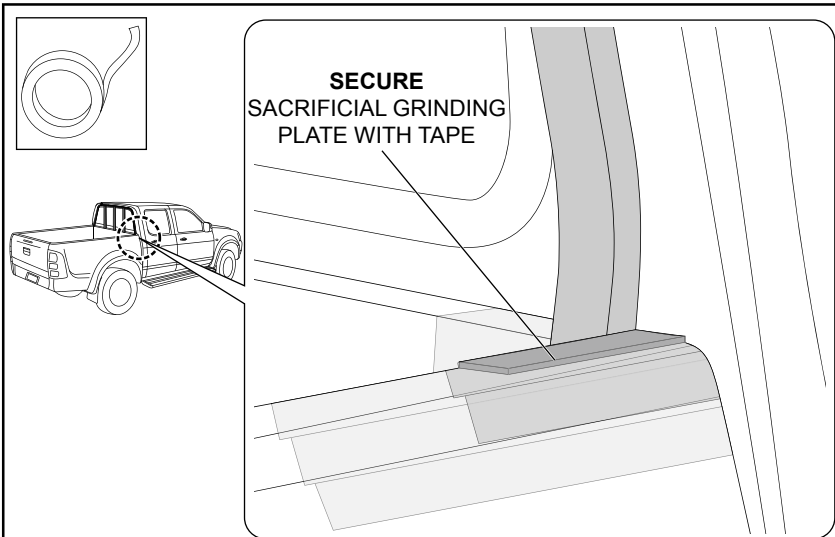


Diagram: 4 - SECURE GRINDING PLATE

4. Secure the sacrificial grinding plate (not supplied in kit) to the tub rail by covering it with masking tape as shown. Repeat process for the other side of the vehicle. (ref. diagram4).

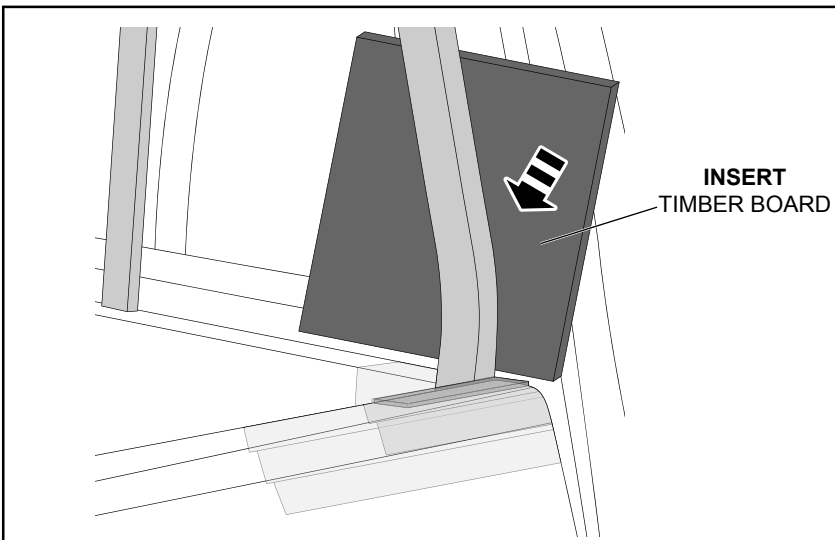


Diagram: 5 - PROTECT VEHICLE SURFACES

5. Insert a suitable protective timber board of adequate thickness between the cardboard and cabin guard as shown. **IMPORTANT: To avoid accidental damage to the vehicle, the timber board MUST be used when ever cutting of the cabin guard is undertaken.** (ref. diagram5).

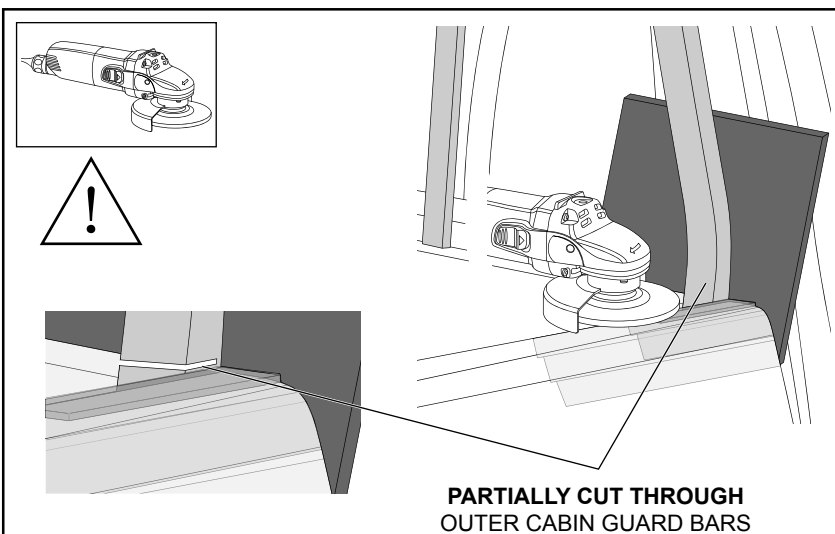


Diagram: 6 - REMOVAL OF CABIN GUARD

6. **IMPORTANT: Ensure that the vehicle's (paint work, glass, etc...) is adequately protected before removing the cabin guard.** Using a medium sized angle grinder, partially cut through the rear and side faces of the LH outer cabin guard bar, taking care not to damage vehicle surfaces. Repeat process for the RH side of the vehicle, ensuring the protective timber board is repositioned behind the RH outer cabin guard bar. (ref. diagram6).

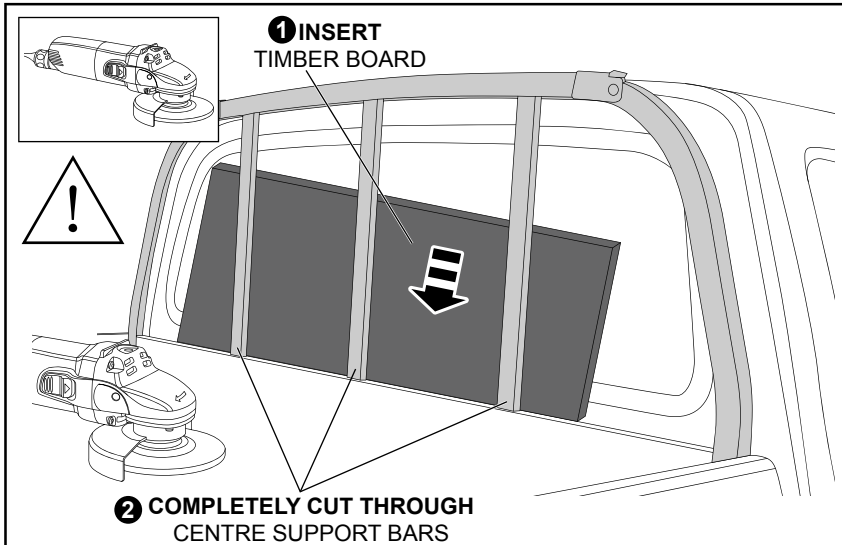


Diagram: 7 - REMOVAL OF CABIN GUARD

- 7. IMPORTANT:** Ensure the protective timber board is repositioned behind each of the centre support bars before cutting.

Using a medium sized angle grinder, completely cut through the three (3) centre support bars at the base, flush to the front tub rail, taking care not to damage vehicle surfaces. (ref. diagram7).

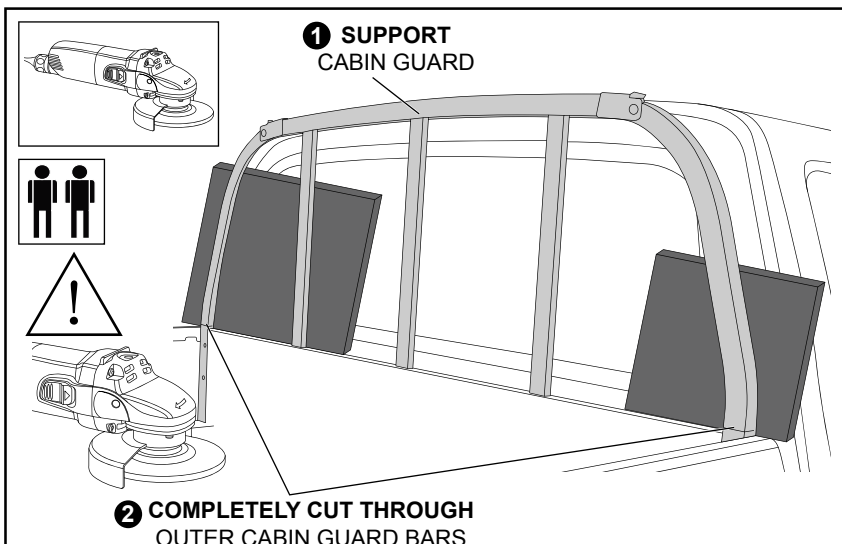


Diagram: 8 - REMOVAL OF CABIN GUARD

- 8. IMPORTANT:** Ensure the protective timber board is repositioned behind the outer cabin guard bars before cutting.

Two people are required to complete this step, one person will need to support the cabin guard and prevent it from damaging the vehicle while the other person finishes cutting through the cabin guard bars completely.

Using a medium sized angle grinder, completely cut through the LH and RH outer cabin guard bars, flush to the grinding plates.

Carefully remove cabin guard from vehicle and discard. (ref. diagram8).

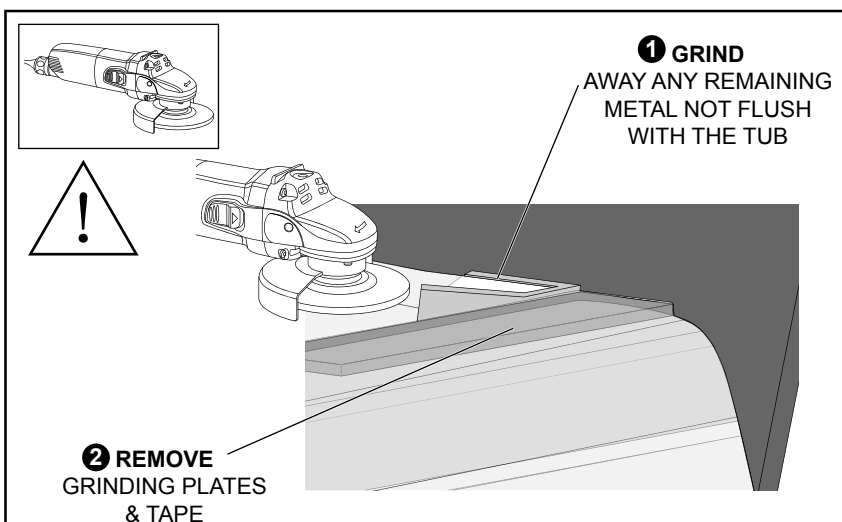
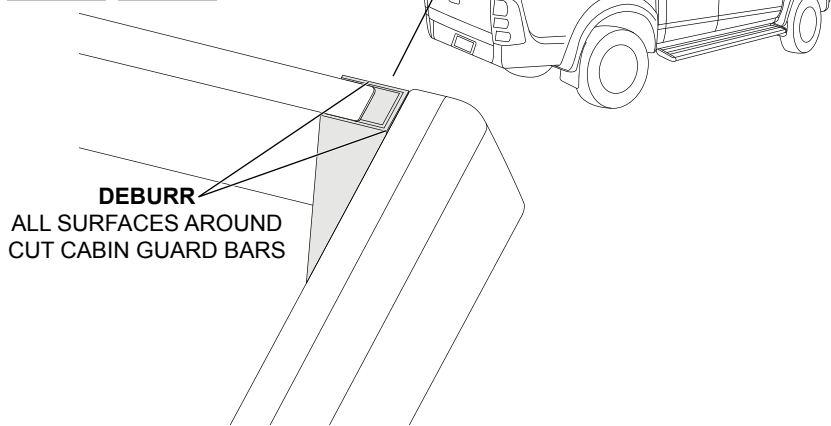
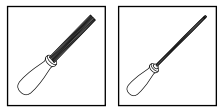


Diagram: 9 - PREPARE VEHICLE SURFACES

- 9. IMPORTANT:** Ensure the protective timber board is repositioned to each bar location before cutting. Take care to prevent damage to vehicle.

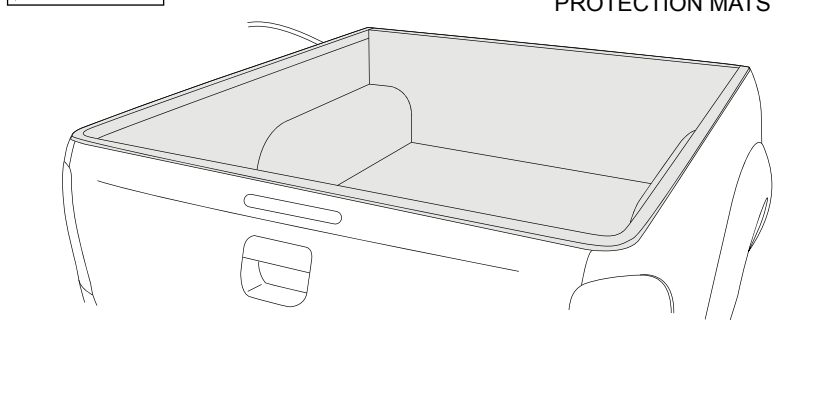
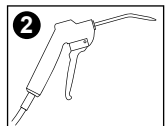
Using a medium sized angle grinder, carefully cut away any remaining metal not flush with the tub rail.

Remove sacrificial grinding plates and all masking tape. (ref. diagram9).



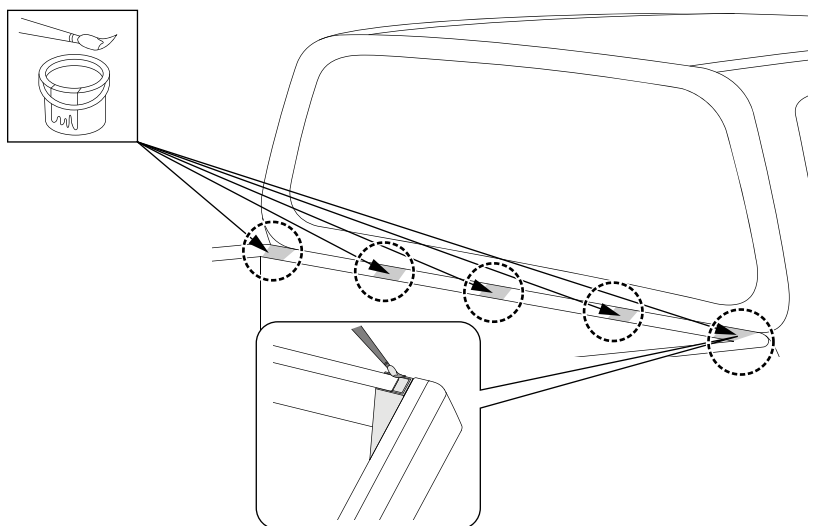
**Diagram: 10 - PREPARE VEHICLE SURFACES**

- 10.** Using a file / de-burring tool, remove all burrs and sharp edges from cabin guard and tub rail surfaces previously cut with the angle grinder. (ref. diagram10).



**Diagram: 11 - CLEAN VEHICLE SURFACES**

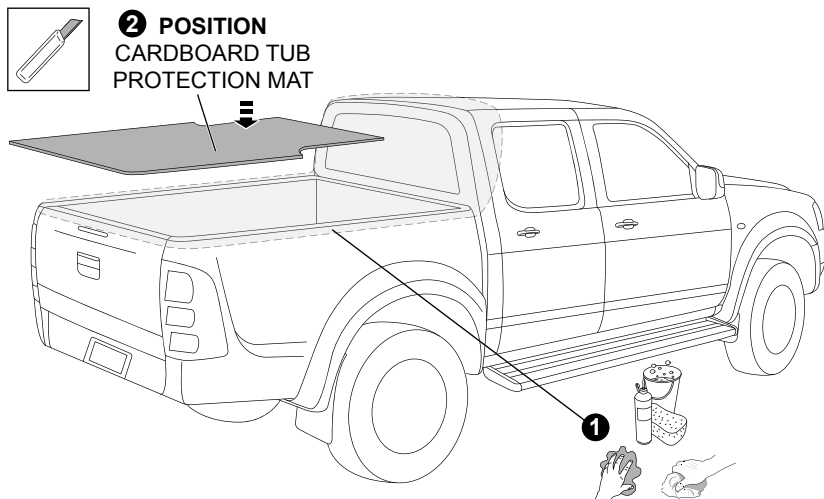
- 11.** Remove all timber boards and cardboard protection mats from the vehicle. Retain cardboard tub floor protection mat for use later during the fitment. Using compressed air, completely blow out all metal filings, swarf etc... in the tub floor. (ref. diagram11).



**Diagram: 12 - PRIME VEHICLE SURFACES**

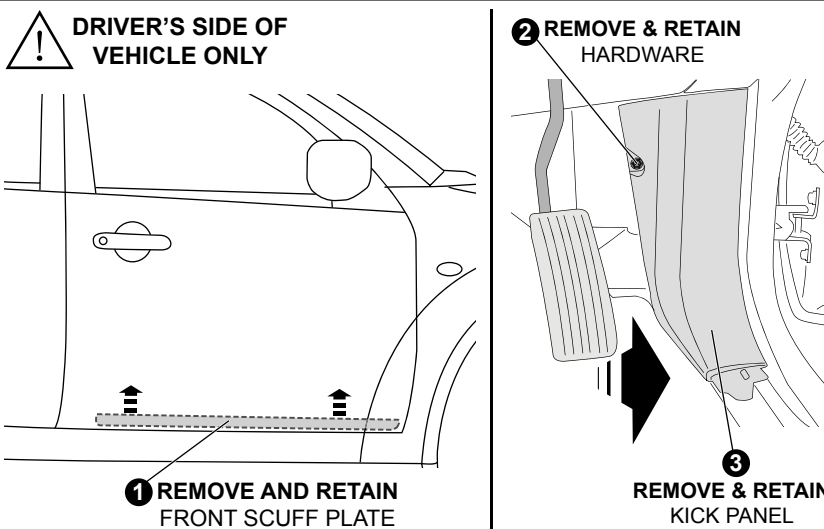
- 12.** Using a suitable metal primer, paint over and completely cover all bare metal surfaces previously cut and deburred. (ref. diagram16). Allow some paint drying time by reading through the next steps carefully and installing the vehicle wiring harness through the vehicle cabin. (ref. diagram12).





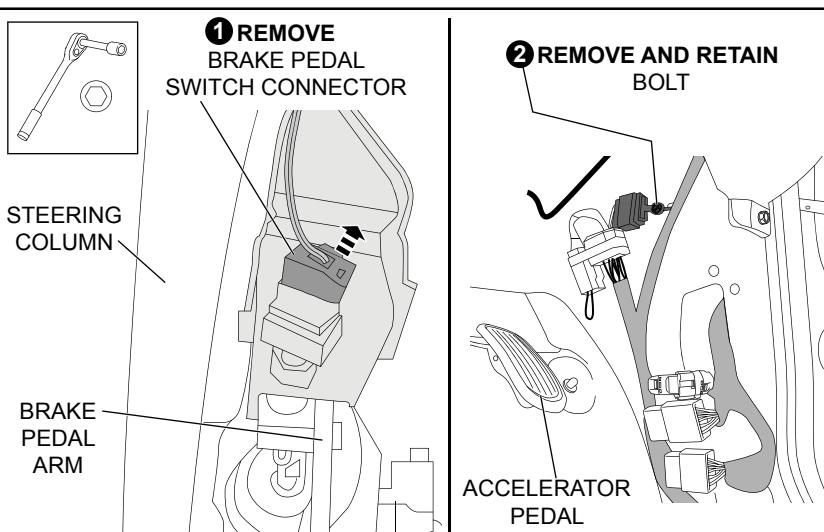
**Diagram: 13 - CLEAN & DRY INSTALLATION AREAS**

- 13.** 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.  
(ref. diagram13).



**Diagram: 14 - REMOVE VEHICLE PARTS**

- 14.** Open front driver's side door.  
Remove and retain Front driver's side scuff plate.  
Remove and retain driver's side kick panel and hardware as shown.  
(ref. diagram5).



**Diagram: 15 - REMOVE VEHICLE PARTS**

- 15.** Unplug the brake pedal switch male connector from the brake pedal switch as shown.  
Remove and retain the bolt securing a connector to the vehicle as shown.  
(ref. diagram6).

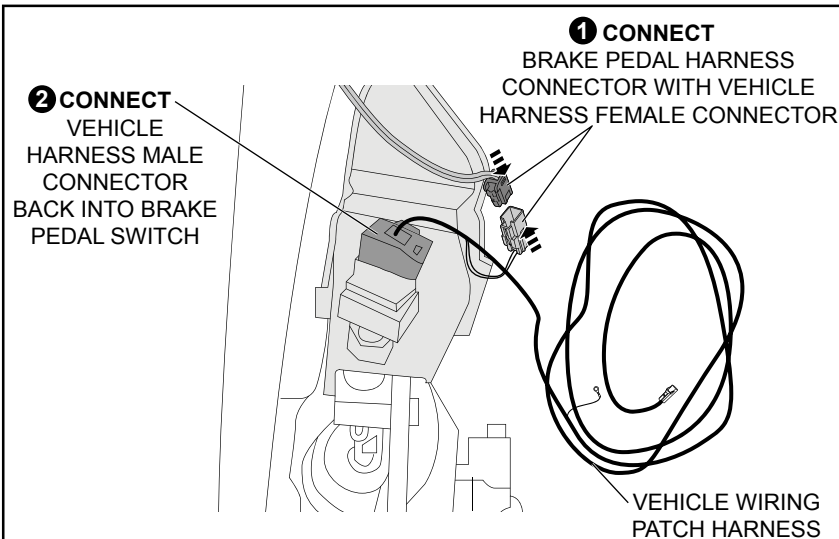


Diagram: 16 - CONNECT VEHICLE HARNESS

- 16.** Using the vehicle wiring patch harness (LOOM0016) from the hardware kit connect the female connector to the brake pedal switch male connector as shown. Connect the male connector from the vehicle wiring patch harness back into the brake pedal switch as shown. (ref. diagram16).

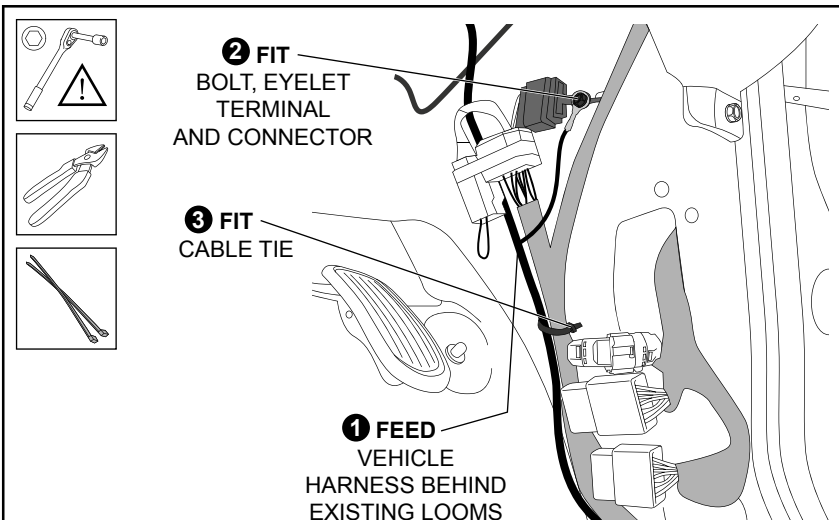


Diagram: 17 - CONNECT VEHICLE HARNESS

- 17.** Route vehicle harness behind existing harness across to the kick panel and run down to the front door scuff plates. Re-assemble the previously removed bolt and connector (from step 15) with the vehicle wiring patch harness eyelet terminal under the screw head and secure to the vehicle as shown.
- IMPORTANT: Be careful when tightening to ensure wires are not stripped out of the eyelet terminal.**
- Fit one (1) short cable tie to secure the vehicle harness to existing harness as shown. Trim excess tie with side cutters. (ref. diagram17).

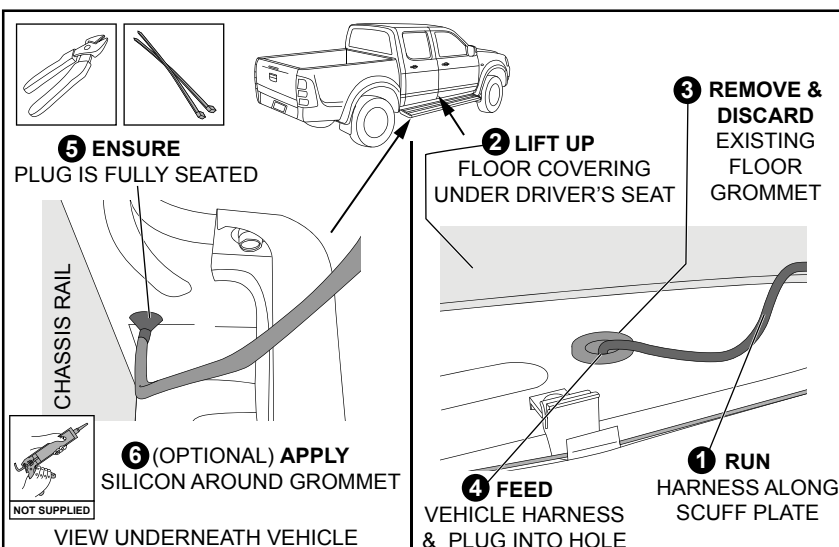


Diagram: 18 - ROUTING VEHICLE HARNESS

- 18.** Route vehicle harness along front door scuff plate to the rear of the front seat. Lift up the front floor covering under the driver's seat. Remove and discard the existing grommet in the floor. Feed the vehicle harness down through the floor and fit the **vehicle harness plug** into the sheet metal. **Important: Check under the vehicle that the grommet is correctly located into the sheet metal and fully seated to prevent water entering the vehicle.** (Optional) We recommend to apply non-acetic silicon (neutral cure), to seal around the grommet. (ref. diagram18).



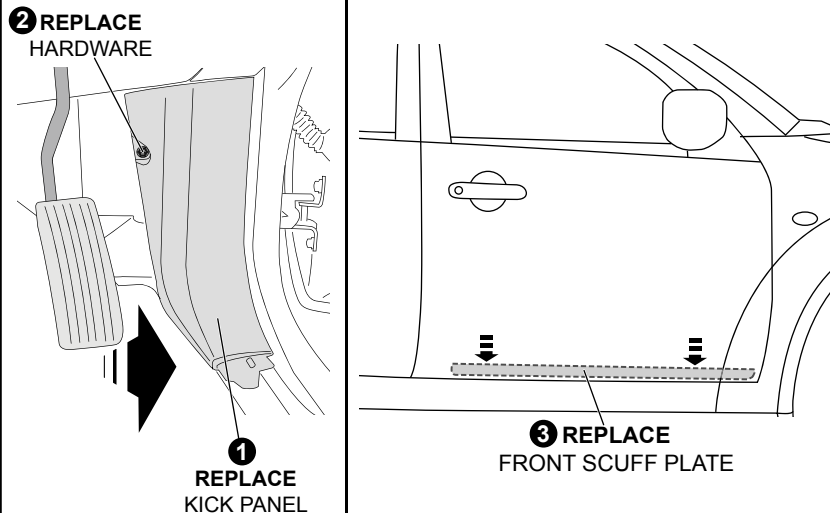


Diagram: 19 - REPLACE VEHICLE PARTS

- 19.** Replace driver's side kick panel and hardware as shown.  
Replace Front driver's side scuff plate. (ref. diagram19).



IF VEHICLE IS A 'J' DECK (SR Level), PLEASE COMPLETE THE STEPS IN SUPPLEMENTARY KIT PART No:- "KIT-HLX05-JD", USING FITTING INSTRUCTIONS (CP0016), BEFORE PROCEEDING TO STEP 44.  
IF VEHICLE IS AN 'A' DECK WITH A BED LINER FITTED, PLEASE PROCEED WITH STEPS 20-26.  
IF VEHICLE IS AN 'A' DECK WITH A BED LINER NOT FITTED, PLEASE PROCEED TO STEP 27.

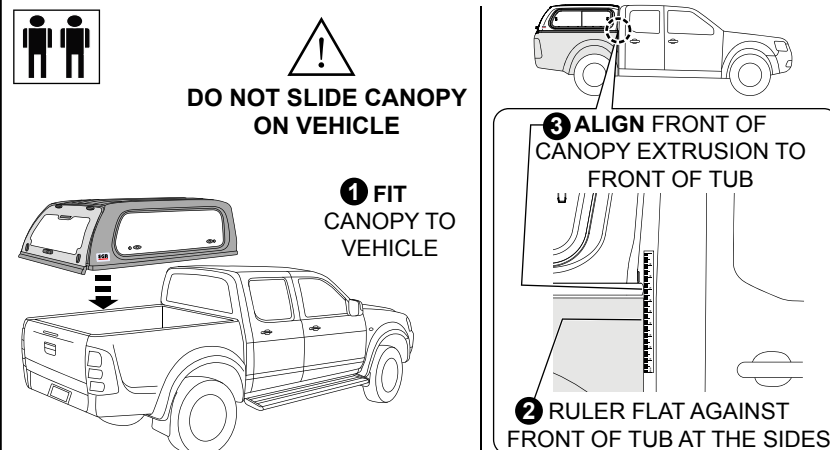


Diagram: 20 - CAREFULLY POSITION CANOPY

- 20.** Two people are required for this step. Position the canopy onto the vehicle tub carefully.  
**IMPORTANT: Ensure canopy is placed fully forward on the tub in one action. To avoid damage to the bed liner, DO NOT slide canopy on the vehicle.** Align the canopy evenly on the tub. The canopy lower perimeter extrusion front face should align with the front face of the tub at the sides using a straight edge as shown. This will ensure the rail clamps (CNPY0007) fit neatly into the areas you are about to cut out. (ref. diagram20).

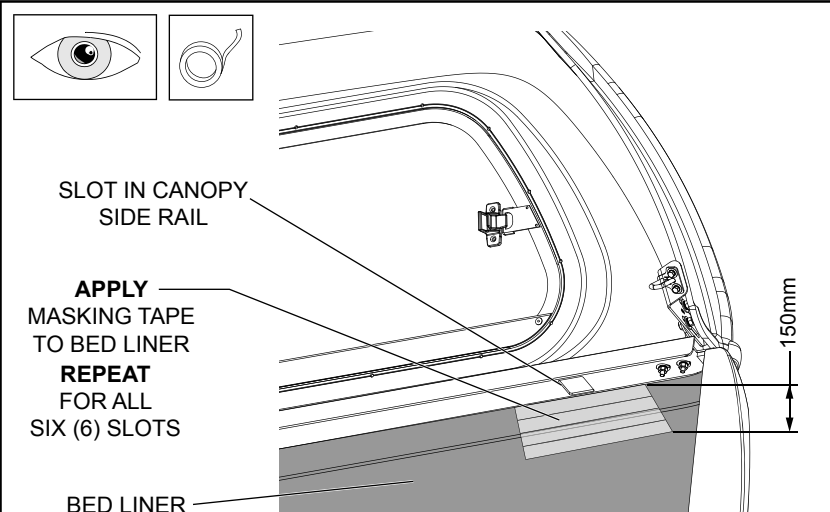


Diagram: 21 - PROTECT BED LINER

- 21.** Apply masking tape to the sides of the bed liner, under each square slot in the canopy side rails as shown. Apply tape to 150mm below canopy side rail. Repeat process for the other side of the vehicle. (ref. diagram21).

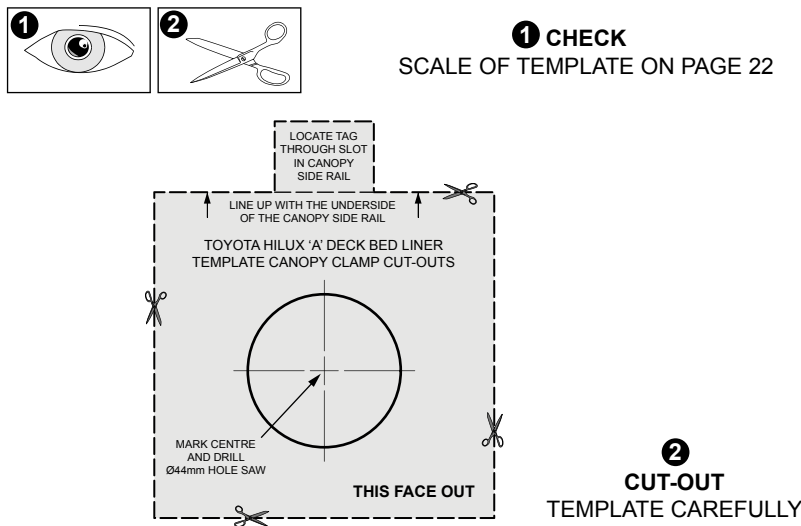


Diagram: 22 - CUT OUT BED LINER TEMPLATES

**22.** Carefully cut out the template on page 20. Ensure the scale of the template is correct to the ruler scale printed on the bottom of page 22.

NOTE: If you do not have a Ø44mm hole saw you can cut out the inside profiles to trace onto the masking tape and use a saw to cut it out. (ref. diagram22).

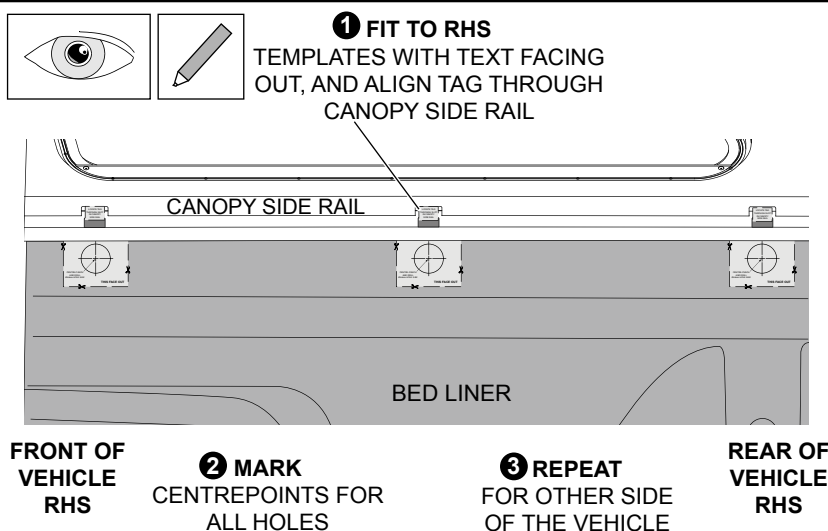


Diagram: 23 - FIT TEMPLATES & MARK CUT-OUTS

**23.** Fit templates to the RH side of the vehicle ensuring the text is facing outwards as marked. Align the top tag into the slots of the canopy side rail as shown.

Carefully mark the centre points for the three (3) positions onto the masking tape applied to the bed liner.

Alternatively you can trace the profiles onto the tape if you have cut-them out in the previous step.

NOTE: If the template is not positioned accurately, the cut-out profile will be incorrect and may cause problems when fitting the clamps.

Remove templates and repeat process for the LH side of the vehicle. (ref. diagram23).

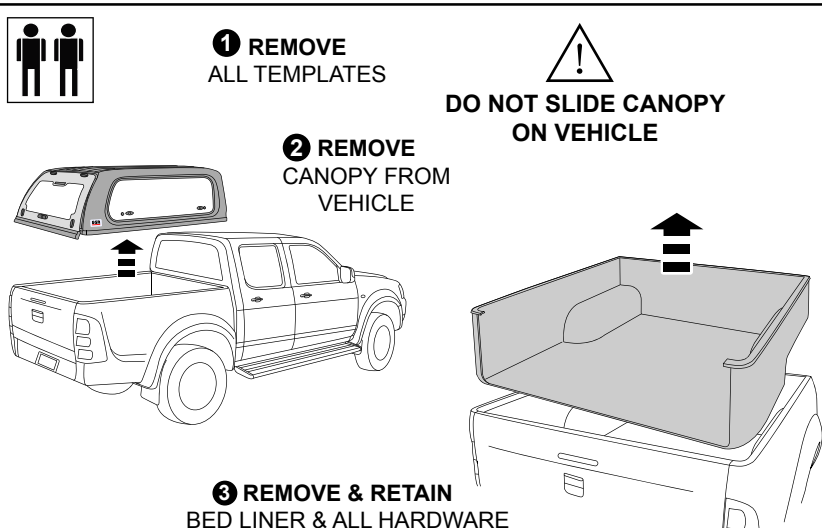


Diagram: 24 - REMOVE TEMPLATES, CANOPY & BED LINER

**24.** Remove all templates.

Two people are required to carefully remove the canopy.

Remove and retain the BED LINER and all hardware from the vehicle. (ref. diagram24).

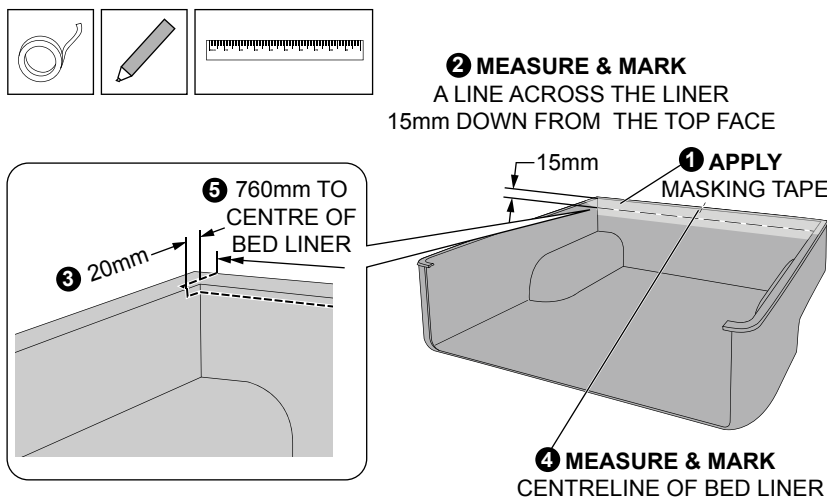


Diagram: 25 - MEASURE & MARK BED LINER FRONT TRIM LINE

- 25.** Apply masking tape across the front of the bed liner as per highlighted surfaces. Across the front of the bed liner mark a line 15mm down from the top face. Measure and mark a line on both sides 20mm back from the front inside face. Measure and mark a line at the centre of the bed liner and then 760mm outboard each side of the centreline as shown. (ref. diagram25).

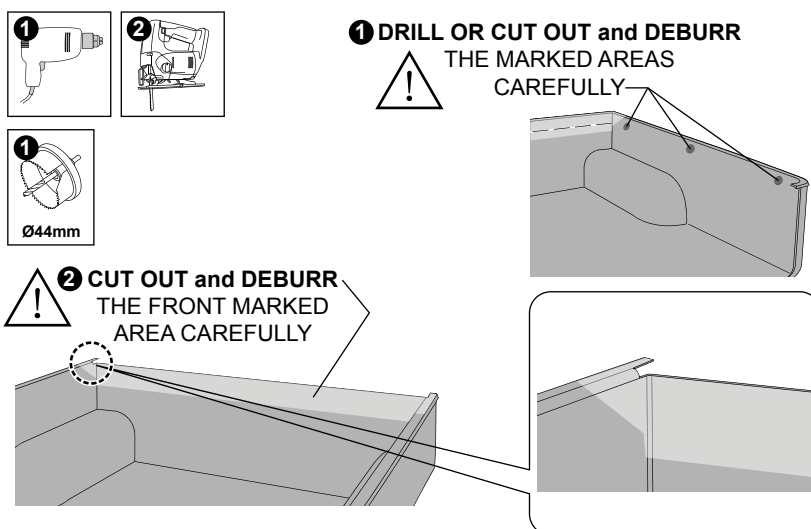


Diagram: 26 - CUT BED LINER

- 26.** Carefully cut out the sections previously marked with a Ø44mm Holesaw. Alternatively if you have traced the profiles use a saw to cut them out. Repeat process for the other side of the vehicle.
- IMPORTANT: To ensure the rail clamps fit neatly at a later stage, please take care when cutting the bed liner.**
- Using a jigsaw or similar, carefully cut the front top section of the bed liner off using the lines marked 15mm down from the top. Remove all burrs and sharp edges with a file or deburring tool.
- When complete remove all masking tape from the bed liner.
- Re-fit the bed liner including all hardware. (ref. diagram26).

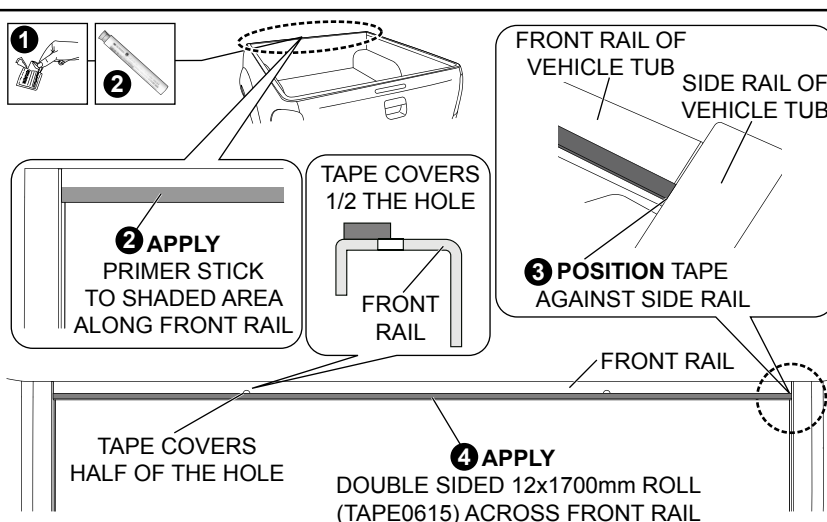
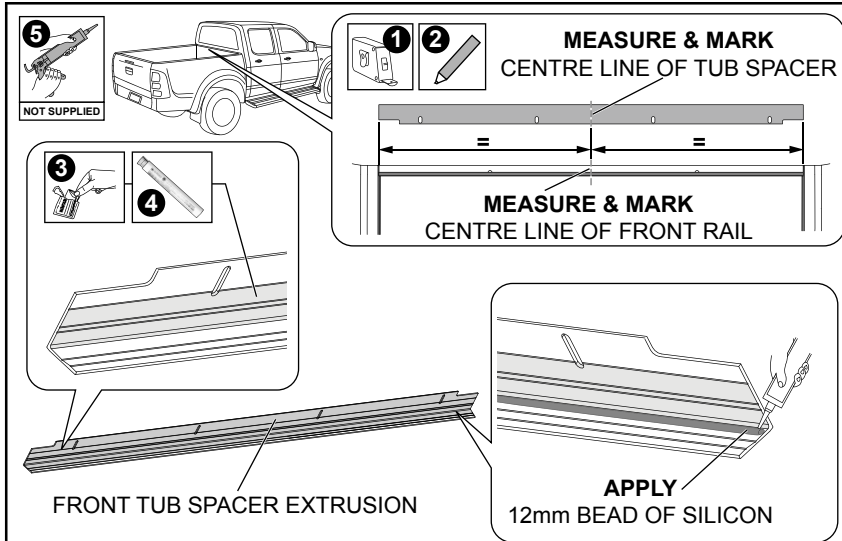
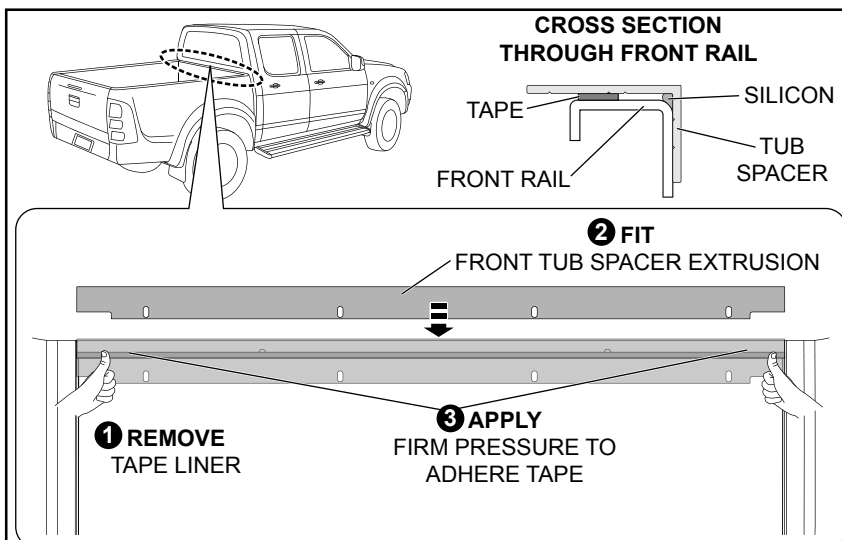


Diagram: 27 - FIT 3M TAPE 12x1700mm

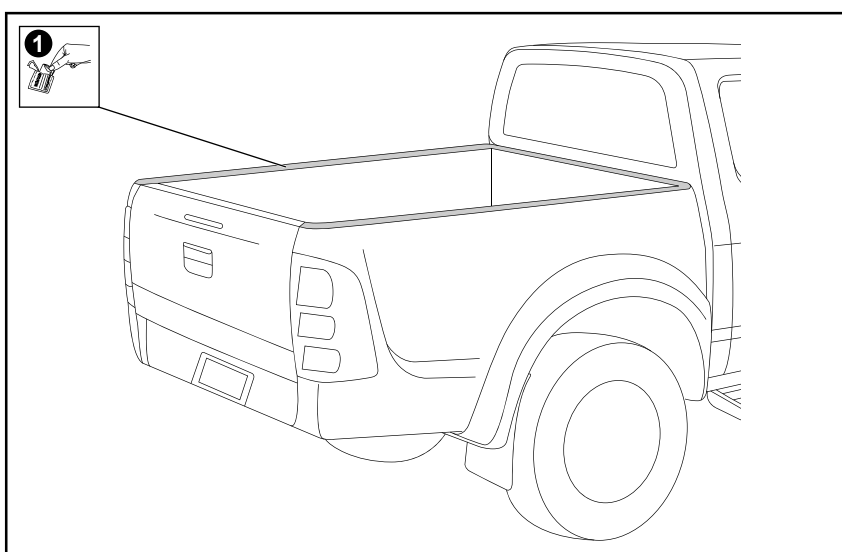
- 27.** Using alcohol wipe provided clean the highlighted face of the front rail and wipe away residue with a dry clean cloth. If heavy cleaning is required use Iso-Propyl Alcohol and wipe away residue with a dry clean cloth.
- Apply (MISC1365) primer stick to highlighted surface and allow to dry.
- Starting with a small amount of the tape from the double sided tape roll 12mm wide (TAPE0615), apply it starting from the corner of the front rail of the tub to the other side, along the rear edge of the front tub rail pressing down on the liner as you apply the tape across the vehicle as shown. Apply firm pressure to ensure the tape adheres to the vehicle.
- IMPORTANT: Ensure the tape sits flat and DOES NOT pucker.** (ref. diagram27).



**Diagram: 28 - APPLY SILICON TO THE TUB SPACER**



**Diagram: 29 - FIT RAIL EXTRUSION SPACER**



**Diagram: 30 - VEHICLE SURFACE PREPARATION**

- 28.** Using a non permanent marker, measure and mark a line at the centre of the tub spacer (ALUM0038-7) and the centre of the front rail on the tub as shown. Use alcohol wipes provided clean the tape contact surfaces of the front tub spacer extrusion and wipe away residue with a dry clean cloth. Apply (MISC1365) primer stick to highlighted area on extrusion and allow it to dry. Apply a 12mm bead of non-acetic silicon (neutral cure), (not supplied) to the tub spacer on the short face in the corner as shown. (ref. diagram28).

- 29.** Remove the liner film from the double sided tape applied to the front tub rail. Fit rail extrusion spacer to the front rail over the tape aligning the previously marked centre lines. Apply firm pressure rearward and down on the front tub spacer extrusion along the length to ensure maximum adhesion of the foam tape. Clean any excess silicon off using isopropyl alcohol. **IMPORTANT: There must be NO silicon residue left on the top of the side bed rail faces, or the bed rail foam tape will not adhere correctly and water leaks will occur. Ensure no silicon is squeezed up by the fitting of the front tub spacer extrusion, if it is clean it off with IPA on a rag heavily loaded.** (ref. diagram29).

### **30. FOR VEHICLES WITHOUT A BED LINER FITTED.**

Using alcohol wipes provided clean all top rail areas of the tub 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. (ref. diagram30).

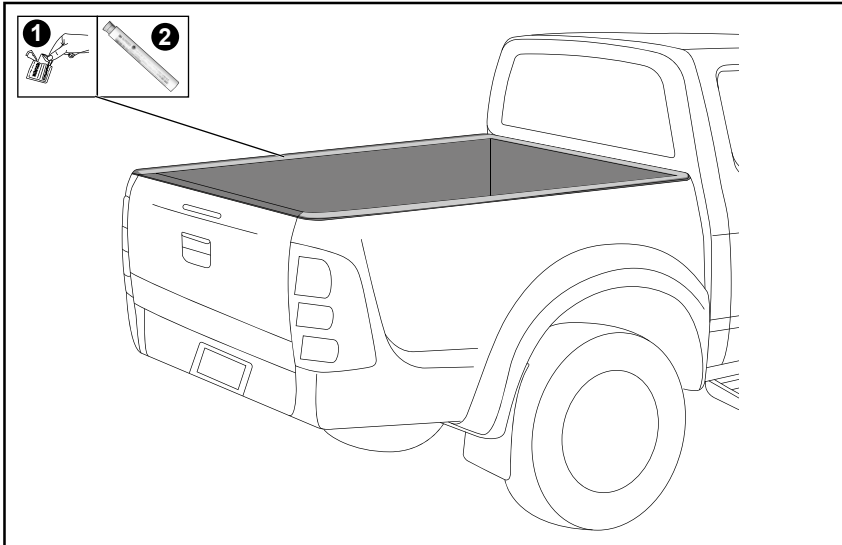


Diagram: 31 - VEHICLE SURFACE PREPARATION

### 31. FOR VEHICLES WITH A BED LINER FITTED.

Using alcohol wipes provided clean all top rail areas of the bed 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.

**Ensure no silicon is squeezed up by the fitting of the front tub spacer extrusion, if it is clean it off with IPA on a rag heavily loaded.**

Using priming stick (MISC1365) prime top of bed liner rails where EPDM foam tape will be applied in step 33. (ref. diagram31).

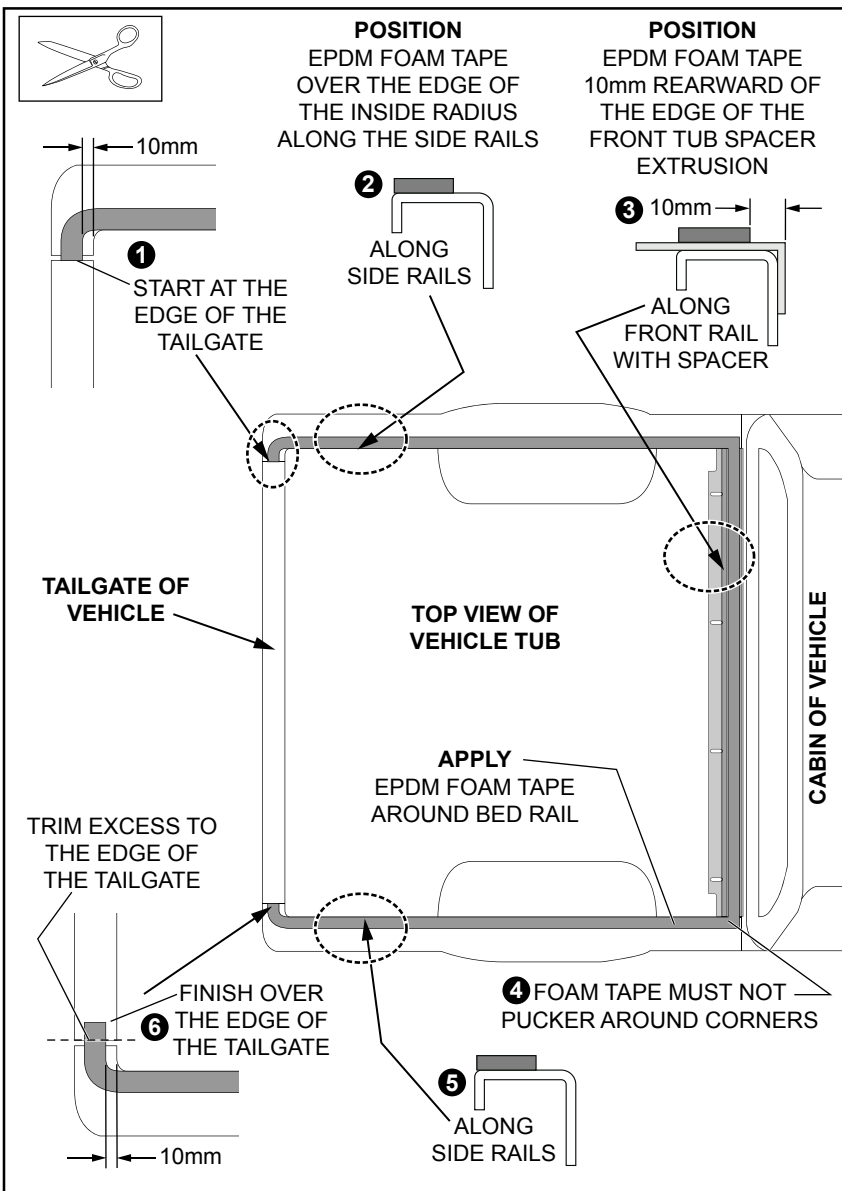


Diagram: 32 - INSTALL WATER SEALING TAPE

### 32. FOR VEHICLES WITHOUT A BED LINER FITTED.

Apply EPDM foam tape (TAPE0386) from hardware kit to the vehicle tub bed rails and spacer fitted in step 29.

**IMPORTANT: DO NOT CUT FOAM TAPE!** Starting from one side at the rear corner, position the tape end in line with the edge of the tailgate, position the foam tape 10mm rearward of the inside edge of the tub and as it bends around the corner align it 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, position 10mm rearward along the front tub spacer extrusion as shown and to the edge of the inside radius of the top tub rail down the other side, run tape out onto the tailgate as shown. 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. (ref. diagram32).

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



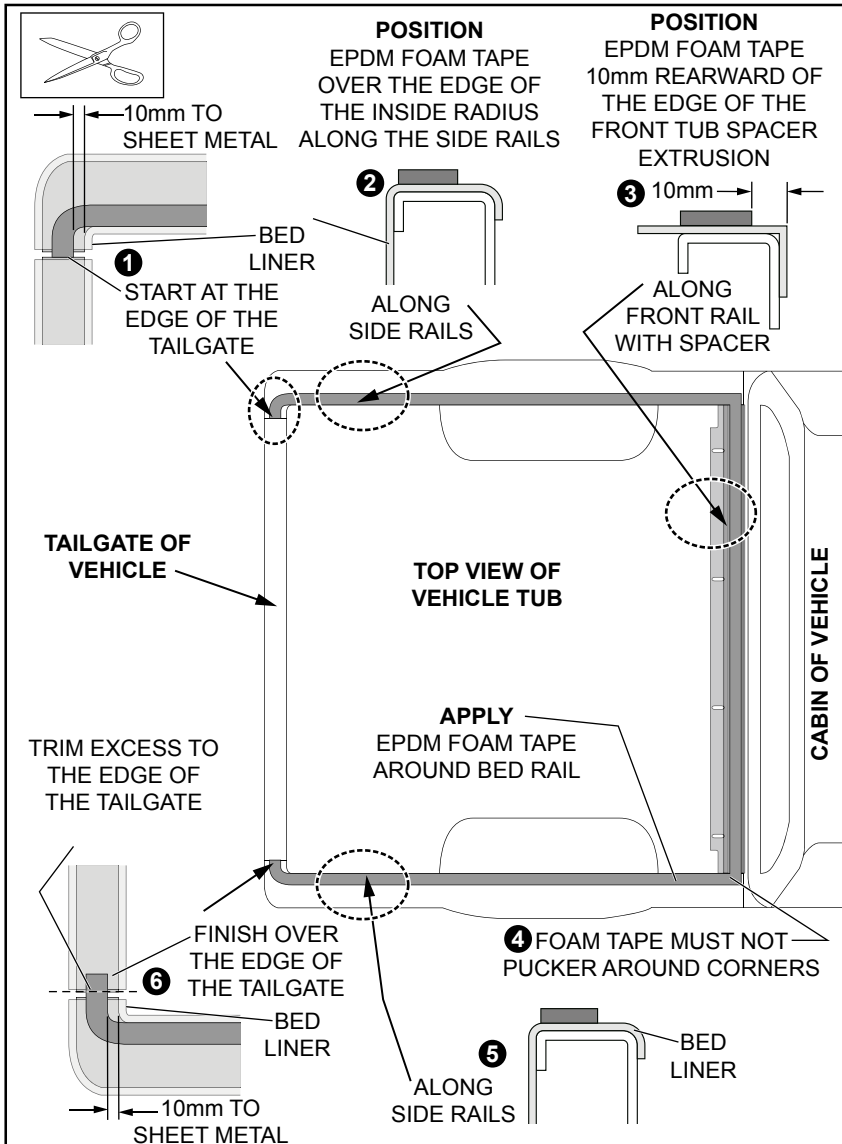


Diagram: 33 - INSTALL WATER SEALING TAPE

### 33. FOR VEHICLES WITH A BED LINER FITTED.

Apply EPDM foam tape (TAPE0386) from hardware kit to the vehicle bed liner rails and spacer fitted in step 29.

**IMPORTANT: DO NOT CUT FOAM TAPE!** Starting from one side at the rear corner, position the tape end in line with the edge of the tailgate, position the foam tape 10mm rearward of the inside edge of the tub sheet metal and as it bends around the corner align it to the edge of the inside radius of the top bed liner rail and continue this position all the way along the bed liner side rail in one continuous length, position 10mm rearward along the front tub spacer extrusion as shown and to the edge of the inside radius of the top bed liner rail down the other side, run tape out onto the tailgate as shown. 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 bed liner and spacer by applying moderate pressure down on the tape all the way around the tub. (ref. diagram33).

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

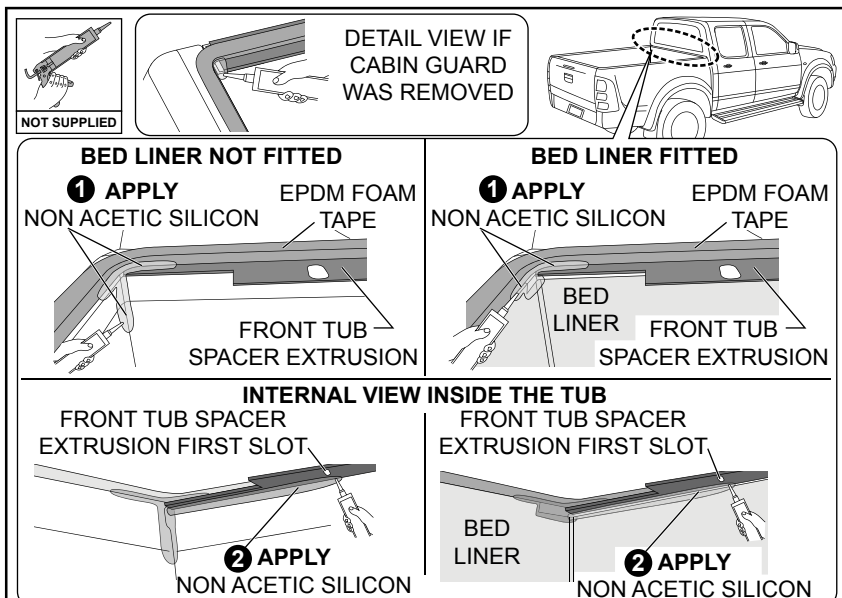


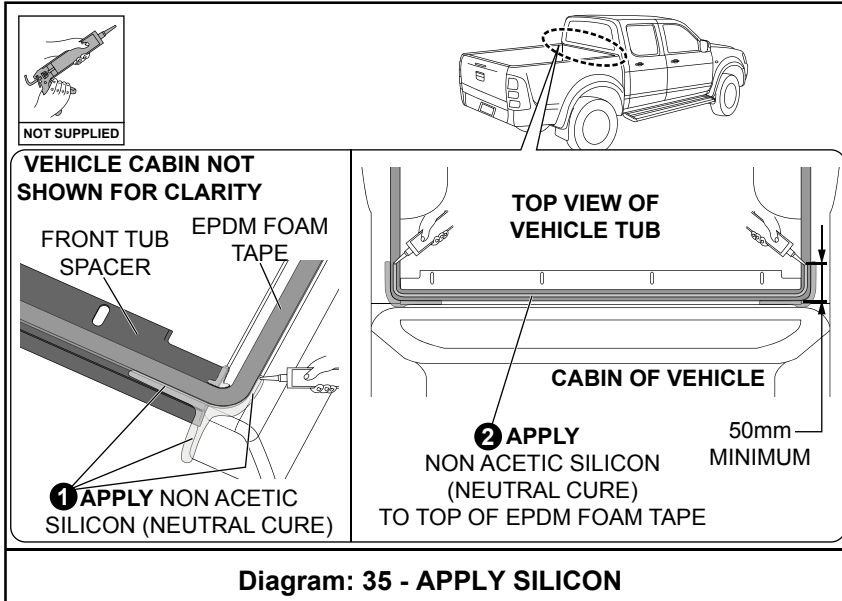
Diagram: 34 - APPLY SILICON

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

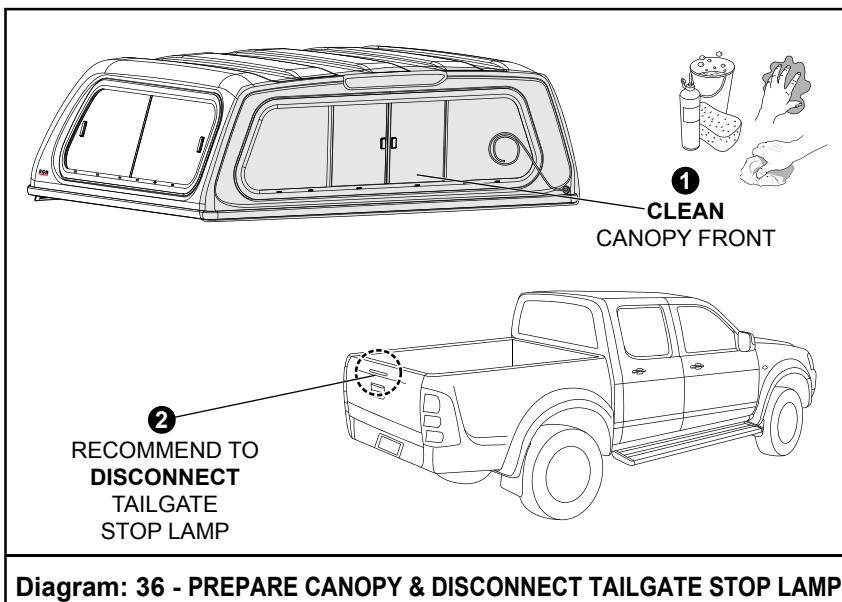
Apply non-acetic silicon (neutral cure) (not supplied) to the top of the tub and spacer around the foam tape and inside the tub at the join between the front and side panels, if a cabin guard was fitted, ensure all gaps and the seam on the remaining cabin guard metal work on the tub is silicon sealed properly. Apply silicon between the tub and tub spacer from the corner of the tub up to the first slot in the tub spacer as shown. Re-spray silicon with water and push silicon into gaps and clean up excess silicon. Repeat process for the other side of the vehicle.

**IMPORTANT: This step must be done properly to ensure the vehicle tub is water sealed.** (ref. diagram34).

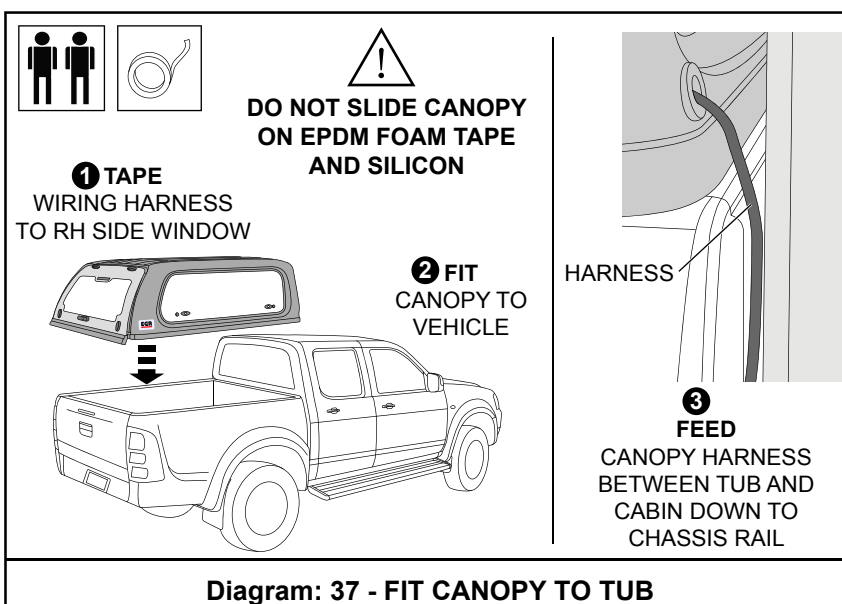




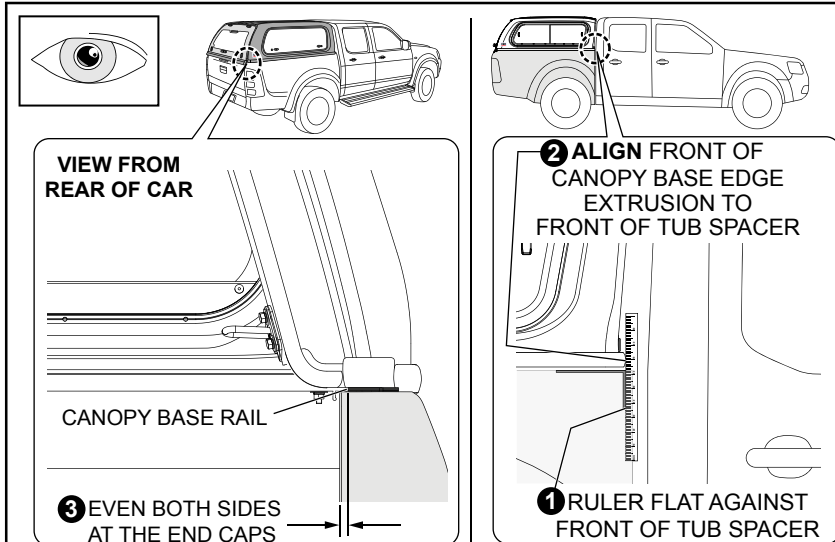
- 35.** With a clean cloth wipe down all areas to be siliconed as shown. Spray areas to be siliconed with water, Do Not dry. Apply non-acetic silicon (neutral cure) (not supplied) to the top of the tub and spacer around the foam tape and down the front side of the tub between the tub and the cabin, and down at least the depth of the return of the front tub spacer extrusion, from the top of the tub and push silicon into gaps. Repeat process for the other side of the vehicle. Run a 10mm bead of silicon around the top of the EPDM foam tape, only at the front of the vehicle's tub as shown. **IMPORTANT: This step must be done properly to ensure the vehicle tub is water sealed.** (ref. diagram35).



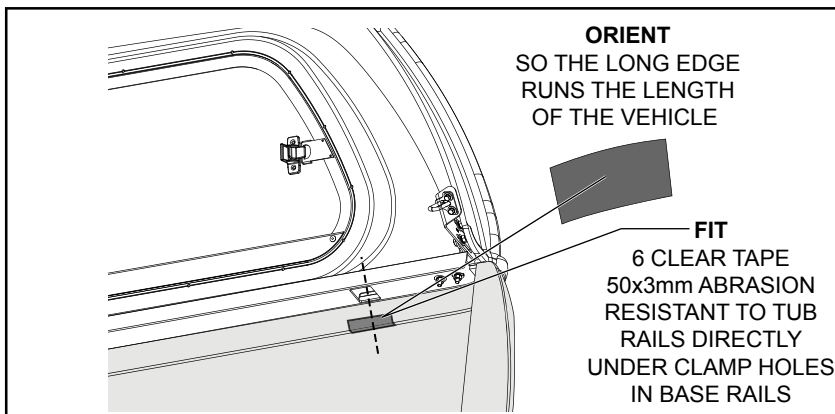
- 36.** Clean front of canopy including the front window. We recommend to disconnect the stop lamp located in the tailgate, as an ADR requirement. (ref. diagram36).



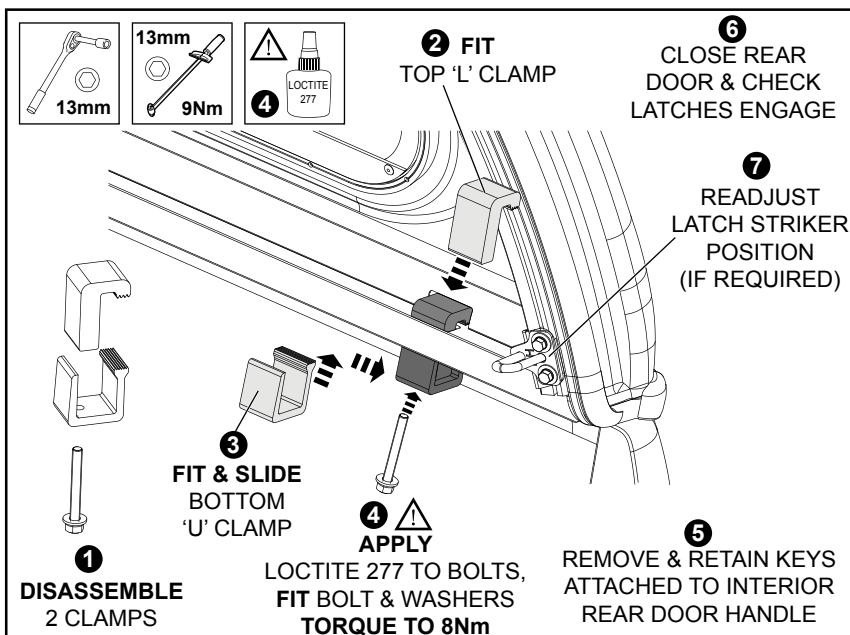
- 37.** Two people (minimum) are required for this step. **First tape the wiring harness to the RH side window with masking tape.** Position the canopy onto the vehicle tub carefully. **IMPORTANT: Ensure canopy is placed fully forward on the tub in one action. DO NOT slide the canopy on the EPDM foam tape and silicon, as this can damage the foam tape and spread the silicon (break the water seal).** Remove masking tape and feed canopy harness down between tub and cabin (right hand side of vehicle) so it is accessible under the vehicle on the outside of the chassis rail. (ref. diagram37).



**Diagram: 38 - ALIGN CANOPY TO TUB**



**Diagram: 39 - FIT CLEAR ABRASION TAPE TO TUB**



**Diagram: 40 - FIT REAR CLAMPS AND CHECK LATCHING**

**38.** Align the canopy evenly on the tub. The canopy lower perimeter extrusion's front face, should align with the front of the tub spacer extrusion (ALUM0038-7) using a straight edge as shown. Open rear tailgate to check sideways alignment. Using a steel ruler position the canopy so both canopy base side rails are even to the width of the vehicle tub. From inside the canopy, also check the front holes in the front rail of the canopy align to the centre of the holes in the tub spacer extrusion. (ref. diagram38).

**39.** Fit six (6) clear tape 50x3mm abrasion resistant, to the vehicle tub rails directly under the square holes in the canopy base rails for the clamps as shown. Orient the tape so the long edge runs the length of the vehicle 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. (ref. diagram39).

**40.** Disassemble two (2) rail clamps. Fit the 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 277 (not supplied) to the bolts liberally.** Secure the clamps with the bolts and washers as shown. **Tighten to Torque 8Nm.** 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. **NOTE:** Latch has 2 stages of engagement. Ensure canopy engages with second stage of latch and the lower rear door seal, seals against the tailgate. If it **DOES NOT** then please proceed to diagram 41 & 42. If it **DOES** then please proceed to diagram 43. (ref. diagram40).



**IMPORTANT:** Steps 41 and 42 are only required if the canopy rear door can not be closed properly, the canopy rear door does not engage with second stage of latch of the locking mechanism, or the lower rear door seal does not seal against the tailgate.

If the rear door closes, the latches are engaging with the second stage and the lower rear door seal, seals against the tailgate, then please proceed to step 43.

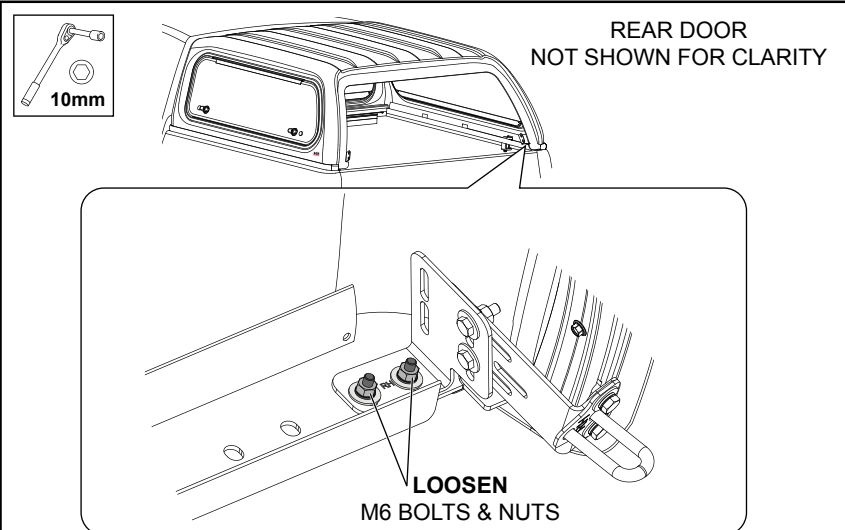


Diagram: 41 - LOOSEN REAR DOOR LATCH STRIKER BRACKET

### 41. Rear rail clamps must be installed and tightened to Torque 8Nm.

Loosen the two (2) M6 bolts and hex nuts securing the lower rear corner bracket to the canopy side rail as shown.

Repeat for the other side of the vehicle.

**IMPORTANT:** Do not remove hardware, only loosen enough to slide bracket. (ref. diagram41).

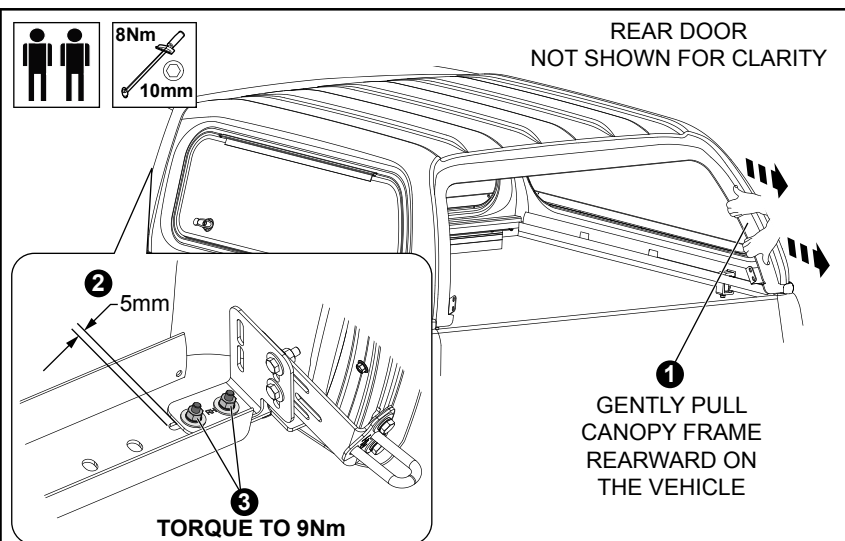


Diagram: 42 - GENTLY PULL CANOPY & TIGHTEN BOLTS

### 42. Two (2) people are required for this step.

One person will need to gently pull the canopy frame directly rearward on the vehicle as shown. The other person checks that there is a 5mm gap between the end of the corner bracket and the slot in the base rail of the canopy, and then tighten the two (2) M6 bolts and hex nuts to **Torque 9Nm**.

Close the rear door firmly, from centre of lower rear door sash without slamming it too hard.

**NOTE:** Ensure canopy engages with second stage of rotary latch. If required loosen the rail clamps and adjust the canopy position fore and aft, re-tighten the rear rail clamps to **Torque 8Nm** and re-check latching.

You may also need to adjust the latch striker hoops on the rear door frame, loosen bolts with a 10mm socket adjust and **tighten to Torque 6Nm**.

Ensure from inside the canopy the seal on the lower door sash still seals to the tailgate. (ref. diagram42).

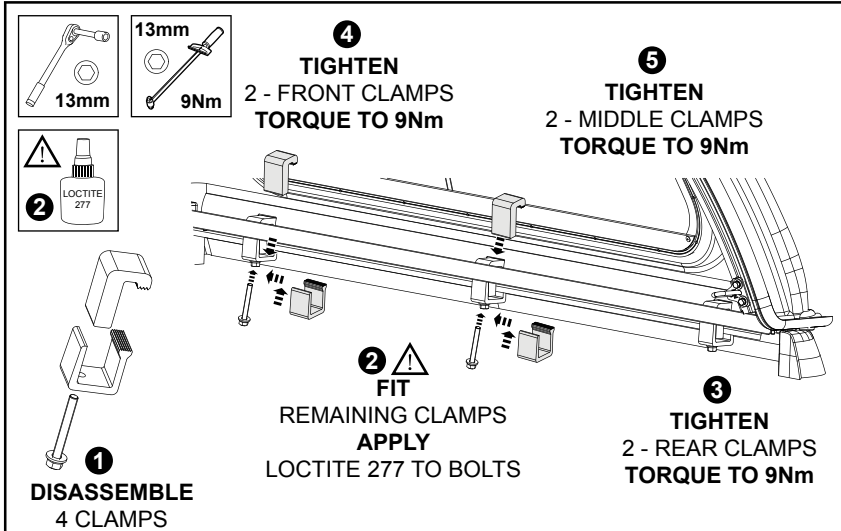


Diagram: 43 - FIT REMAINING CLAMPS AND TIGHTEN ALL

- 43.** Disassemble 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.  
**IMPORTANT! Apply Loctite 277 (not supplied) to the bolts liberally.** Secure the clamps with the bolts and washers as shown.  
Tighten the rear clamps first, then the front clamps and finally the middle clamps, all to **Torque 9Nm.** (ref. diagram43).

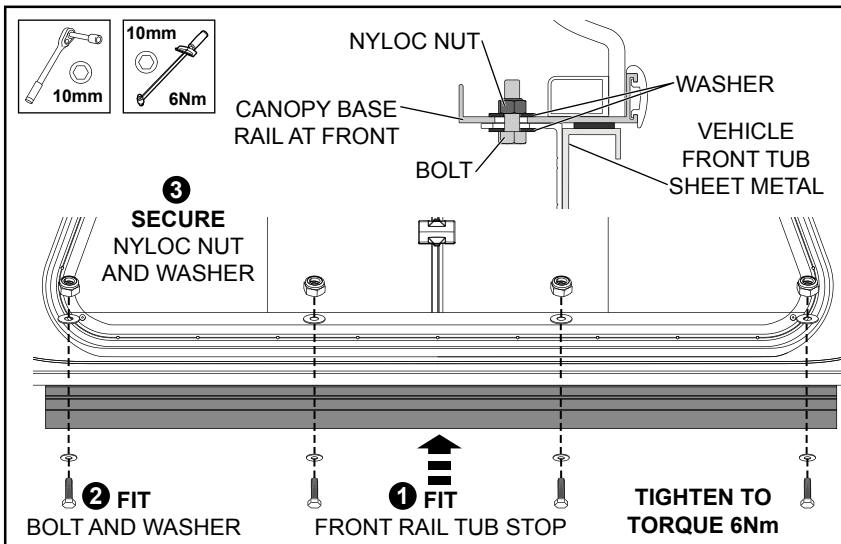


Diagram: 44 - FIT FRONT TUB STOP RAIL

- 44.** Fit front rail tub stop extrusion (ALUM0038-8) to the under side of the canopy front base rail.  
Push extrusion up against the front of the tub and secure with four (4) M6 hex head bolts, eight (8) flat washers and four (4) nyloc nuts as shown.  
Tighten to **Torque 6Nm.** (ref. diagram44).

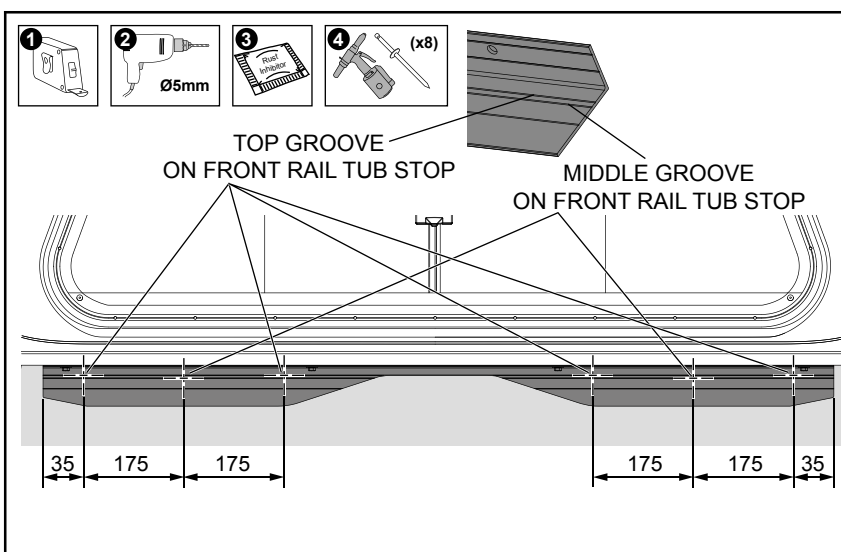
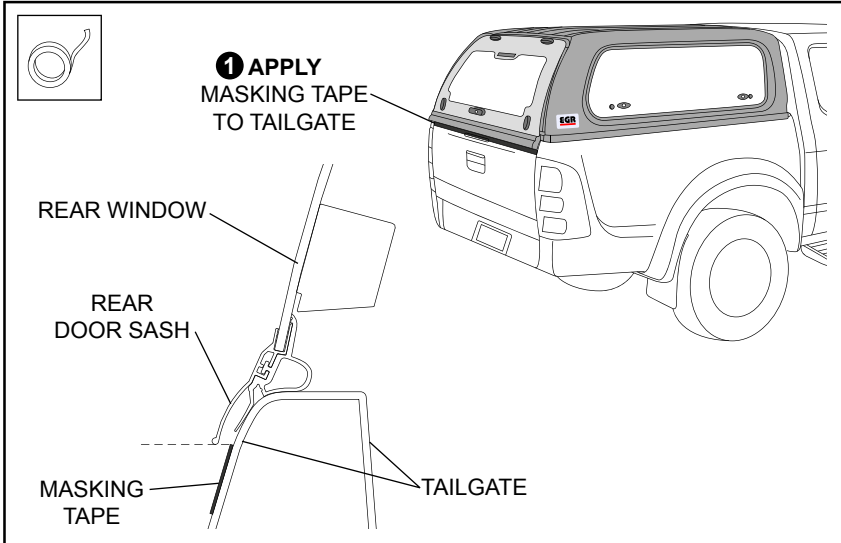


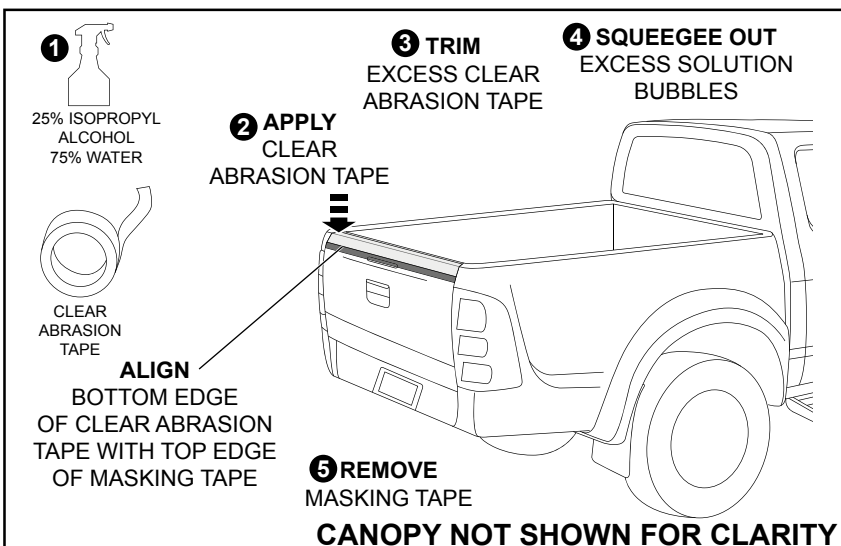
Diagram: 45 - (OPTIONAL) SECURE FRONT TUB STOP RAIL

- 45. (Optional): Recommended for 'Off Road' vehicle use (with no bed liner fitted).** Mark and drill six (6) Ø5mm holes into the front rail tub stop and tub rail using dimension's as shown.  
**Rivets must secure to flat form on tub.** Apply rust inhibitor to all drilled holes in the tub sheet metal.  
Secure with six (6) stainless steel rivets as shown. (ref. diagram45).

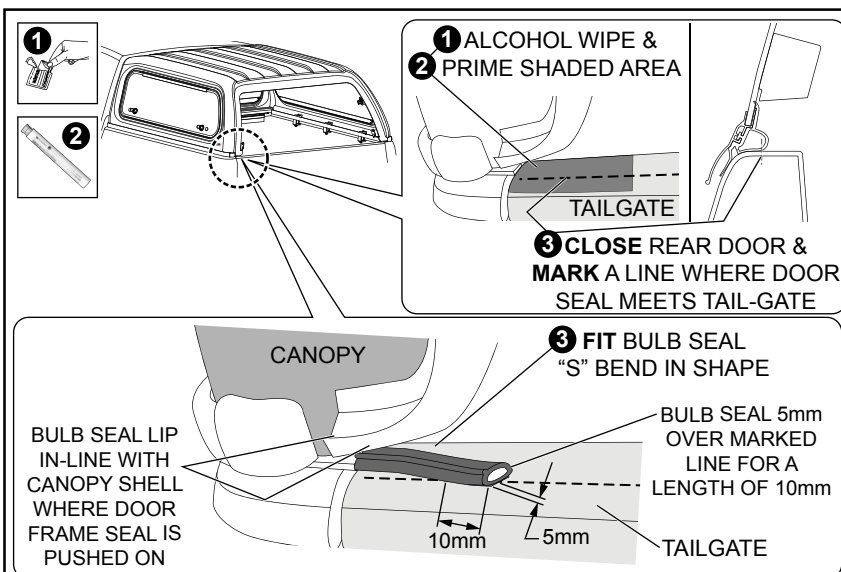




**Diagram: 46- APPLY MASKING TAPE**



**Diagram: 47 - APPLY ABRASION TAPE**



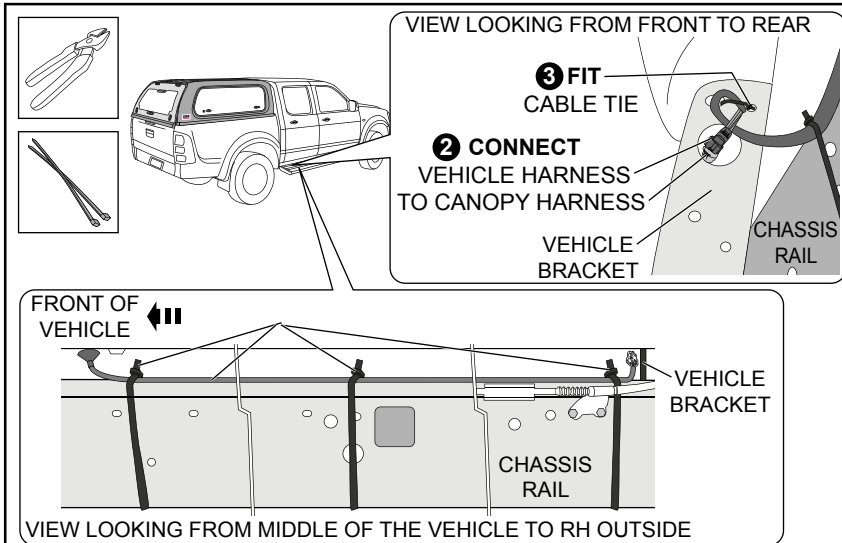
**Diagram: 48 - (OPTIONAL) FIT TAILGATE SEALS**

**46.** 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. This will assist in positioning the clear abrasion tape applied to the top of the tailgate in the next step. (ref. diagram46).

**47.** Using a solution of 25% isopropyl alcohol and 75% water in a spray bottle (not - supplied) Thoroughly spray along the top of the tailgate. Remove liner from clear abrasion tape. Working from one end with a 5mm overhang, place liner on the tailgate. 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 sharp knife trim tape to end of tailgate. You may need to squeegee a few times. **When finished the tape is virtually invisible.**

To ensure a good finish please take care and do not rush this step. Remove masking tape. (ref. diagram47).

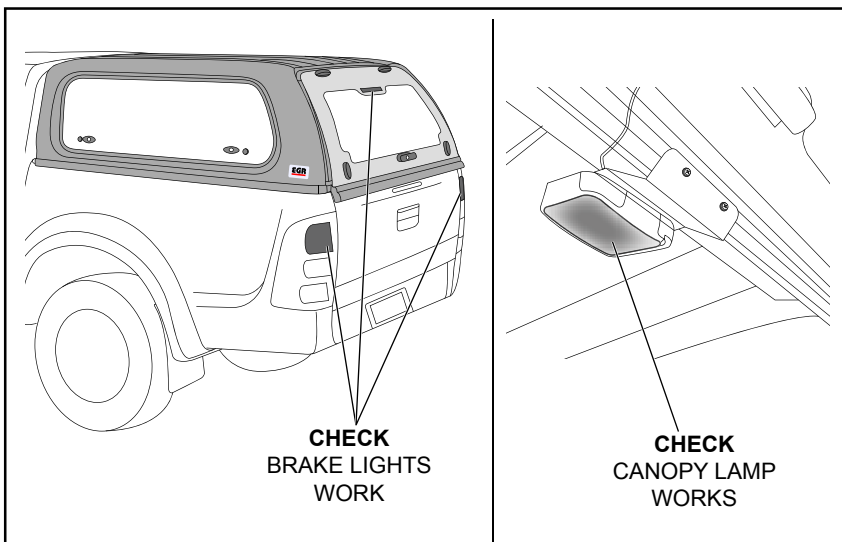
**48. (OPTIONAL): Strongly Recommended for best results for rear door to tailgate water sealing.** Using alcohol wipe provided clean directly below the rear door clamp front seal and wipe away residue with a dry clean cloth. Using priming stick (MISC1365) prime area directly below the rear door clamp front seal. Apply only a light amount both sides of tailgate in this area, and allow to dry. From inside the canopy close canopy rear door and using a non-permanent marker mark a line where the rubber door seal contacts the tail gate. Open canopy rear door and apply bulb seal 70mm (MISC2600-1) to tailgate, starting from the edge of the tailgate so the seal lip is in line with the canopy shell and bend the seal so it sits 5mm rearward from previously marked line as shown for a length of 10mm. (ref. diagram48).



**Diagram: 49 - CONNECT VEHICLE & CANOPY HARNESSES**

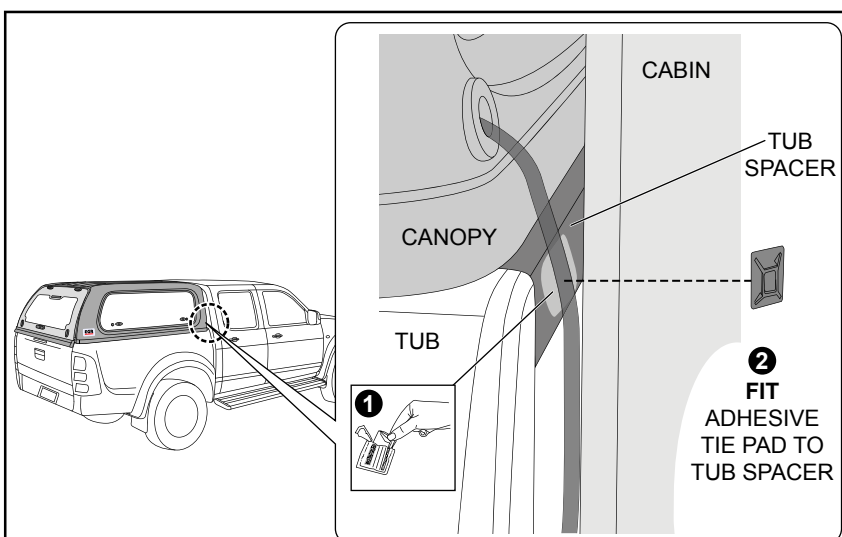
- 49.** Feed the canopy harness along the chassis rail to the vehicle bracket. Connect the canopy harness connector to the vehicle harness connector through hole in the vehicle bracket as shown. If there is excess length on the vehicle harness, loop the harness near the connector as shown and secure it to the vehicle bracket with one (1) long cable tie. Fit three (3) cable ties along the chassis rail as shown. Trim excess cable tie length with side cutters.

**IMPORTANT:** Wiring harnesses should be positioned away from the exhaust system side. Place it on the top outboard side of the chassis rail. (ref. diagram49).



**Diagram: 50 - CHECK BRAKE LIGHTS AND CANOPY LIGHT**

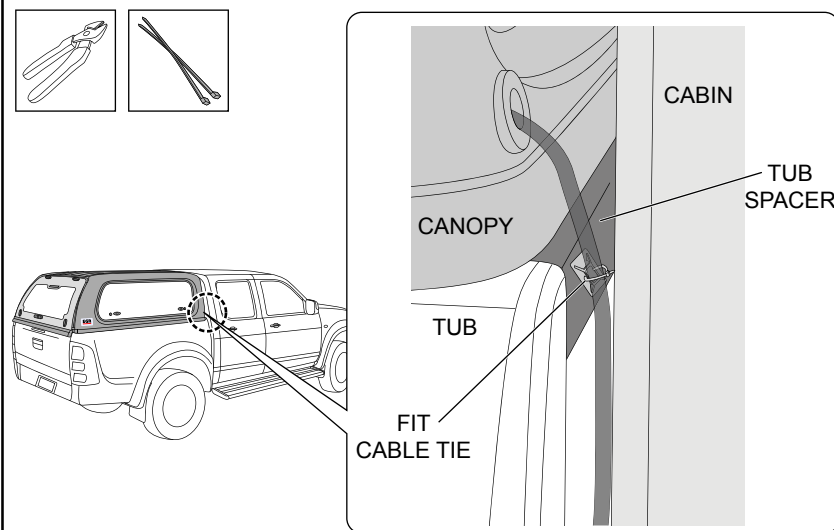
- 50.** Two people are required to check the canopy brake light is operational after depressing the brake pedal. Then open the rear window and check that the internal canopy lamp is operating correctly when switched to the 'ON' position only. (ref. diagram50).



**Diagram: 51 - FIT ADHESIVE TIE PAD**

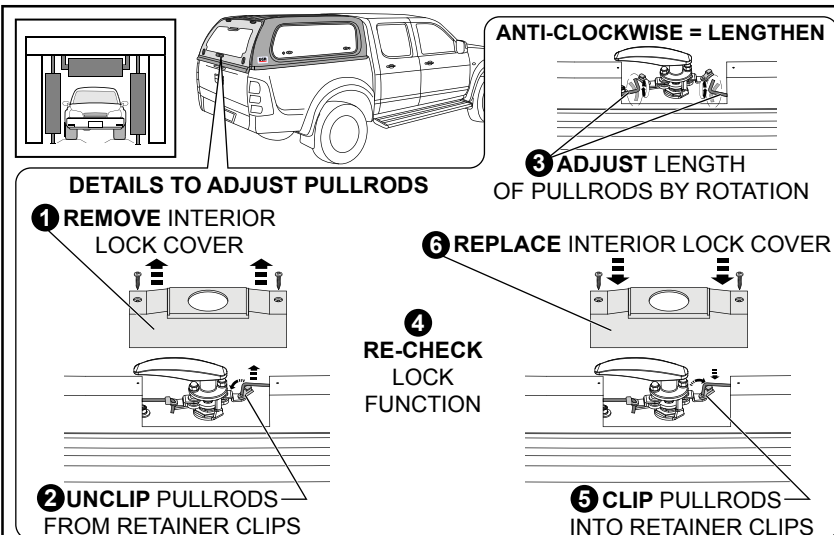
- 51.** Using alcohol wipe provided in the kit, clean the driver's side, front face of the tub spacer extrusion as shown, and wipe away residue with a dry clean cloth. Remove tape liner from adhesive tie pad and position on the tub in area previously cleaned as shown. Apply pressure to ensure maximum adhesion. (ref. diagram51).





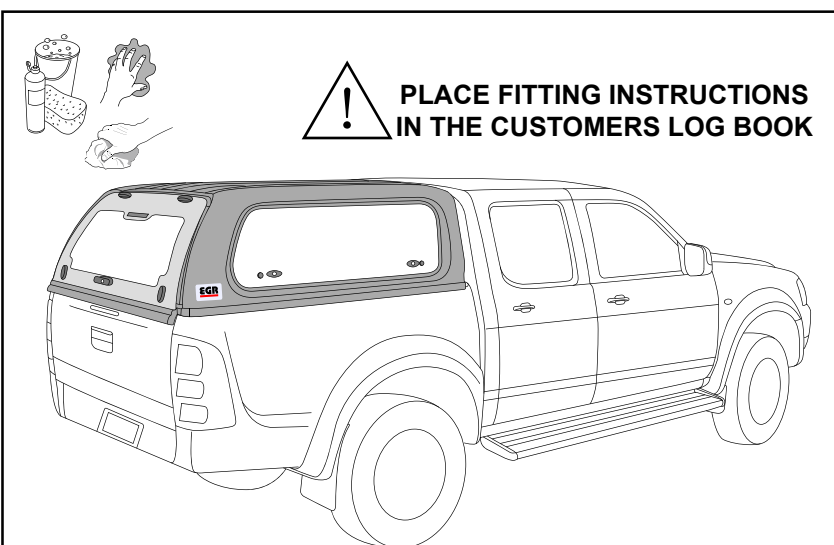
**Diagram: 52 - SECURE CANOPY HARNESS**

- 52.** Fit one (1) short cable tie through the adhesive tie pad previously fitted to the front of the tub spacer and secure the canopy wiring harness as shown. Trim excess tie with side cutters. (ref. diagram52).



**Diagram: 53 - WATER LEAK TESTING**

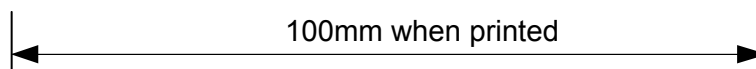
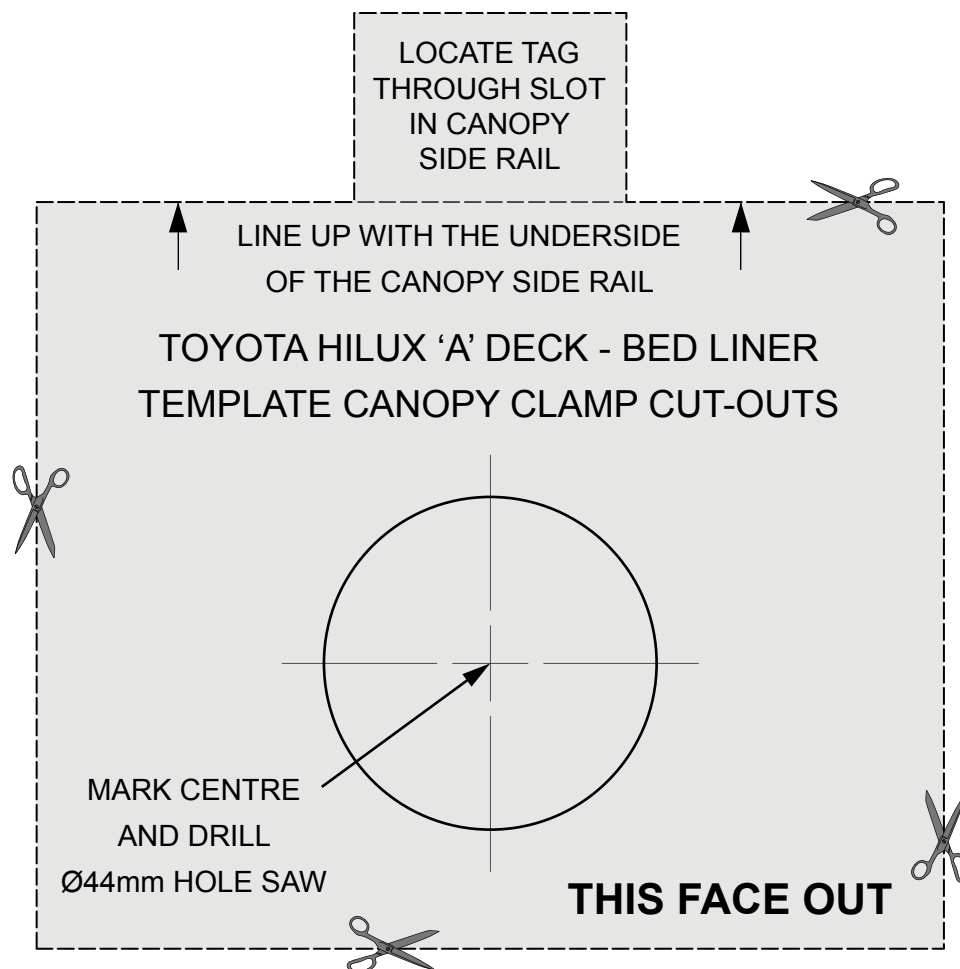
- 53.** Water test canopy checking for water leaks. Test both canopy keys work to lock and unlock the rear door and side lift up window. Open both side windows. If the rear door handle does not lock, remove the interior lock cover, unclip the pull rods and wind to lengthen them slightly. Re-check rear door lock function. When rear door locks replace interior lock cover, and add the canopy keys to the customers vehicle keys. (ref. diagram53).



**Diagram: 54 - FINAL CLEANING**

- 54.** Clean canopy including all windows and vehicle thoroughly . **Place fitting instructions in the Customers log book, and ensure page 23 of these instructions are discussed with the customer and a copy is given to the customer.** (ref. diagram54).

## TOYOTA HILUX - 'A' DECK BED LINER TEMPLATE CANOPY CLAMP CUT-OUTS





### 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 BED 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 277** 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.

Toyota Hilux MY05 Onwards

CANOPY

### KEY IDENTIFICATION CODE



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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 three (3) 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 EGR 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 EGR 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:** SR 4x2 ☐  
**Double Cab:** (J Deck)SR 4x4 ☐  
(J Deck)SR5 4x2 ☐  
(A Deck)SR5 4x4 ☐  
(A Deck)**BEDLINER** ☐  
Additional Accessory**Canopy Checklist - Details of rectifications required:****KEY No. :**

- |   |                          |
|---|--------------------------|
| 1. Check paint on canopy  | <input type="checkbox"/> |
| 2. Cleanliness of canopy inside and outside   | <input type="checkbox"/> |
| 3. Canopy sealing to tray, tub spacer rail, tub stop rail and foam tape applied correctly   | <input type="checkbox"/> |
| 4. Seal around Front of tub, vertical corners & floor with Silicone after foam tape applied   | <input type="checkbox"/> |
| 5. Tailgate clear tape fitted   | <input type="checkbox"/> |
| 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 | <input type="checkbox"/> |
| 7. Clamps are square and tight (Torque 9Nm)   | <input type="checkbox"/> |
| 8. <b>IMPORTANT!</b> Loctite 277 applied to all Clamp Bolt Threads  | <input type="checkbox"/> |
| 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.             | <input type="checkbox"/> |
| 10. Operation of Brake Light  | <input type="checkbox"/> |
| 11. Operation of interior light   | <input type="checkbox"/> |
| 12. Water Tested for leaks  | <input type="checkbox"/> |
| 13. Clean up of work area   | <input type="checkbox"/> |
| 14. Comment   |                          |

**Fitted By:****Vehicle received and Checked by Dealer Staff:****Record Canopy Serial Number:**(located on inside LH  
rear pillar of canopy shell)**Checked By:**