# FITTING INSTRUCTIONS

# DUAL CAB CANOPY- CENTRE HANDLE REAR DOOR

## Classic Canopy CLS81 – Toyota Hilux

**(2026+ Vehicle Production Onwards)**


**FITTING KIT: TAILGATE AND HEADBOARD KIT 6178585. TUB MOUNT KIT 6178678**

**! PLEASE PROVIDE A COPY OF THESE INSTRUCTIONS TO THE CUSTOMER!**

**IMPORTANT:**

- **Specific to high series vehicles with roll top tonneau and sailplanes (such as Rogue in Australia), fit kit 6178780 is additionally required with additional wiring and canopy to tailgate top rear corner sealing**
- Vehicle bodies and vehicle specific installation can vary. Please read the following instructions as they refer to important information which could affect the quality of the final installation.
- It is advisable to have the canopy fitted by an authorised dealer.
- Most of the installation can be completed by one person **(however four people are recommended to lift the canopy onto the vehicle).**

**FITMENT:**

- **For OE under rail bed liners no trimming is necessary prior to canopy fitment.**
- Cabin guards, sports bars, sailplanes and roll top tonneau covers **must** be removed prior to canopy fitment. These can be returned to the customer if required.
- **For Electric Vehicle fitments (EV) consult the workshop manager in relation to working safely with electric vehicles before beginning fitment. (This canopy however contains no wiring fitting steps). Fitting is undertaken only in the area of the top of the vehicle's rear tub utility tray are, specifically for this product.**
- When fitting the ARB canopy vent, fitment of the vent is easier prior to fitting the canopy to the vehicle. **The vent must be fitted to the front of the canopy's roof.**



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**WA:**(08) 9244 3553 **NSW:** (02) 9821 3633 **ACT:** (02) 6280 7475 **SA:** (08) 8244 5001 **QLD:** (07) 3872 3872 **NT:** (08) 8947 2262 **TAS:** (03) 6331 4190

## CARE OF YOUR CANOPY:

**Please refer to the "owner's manual supplement" to be given to the purchaser on installation, as per the details referred to in the second last page of these fitting instructions.**

## SAFETY NOTICE WHEN WORKING ON ELECTRIC VEHICLES:

### FOR HIGH VOLTAGE (HV) ELECTRIC VEHICLES

Work on and fitting parts to High Voltage (HV) electric vehicles has the potential to involve an interaction with the HV systems and presents significant risks of serious injury or death due to electric shock, arc flashes and potential explosions or fires.
When undertaking work or fitting parts that will involve an interaction with the vehicle's HV system, appropriately qualified personnel must undertake work in accordance with company procedures and local regulatory requirements. The qualifications required may vary depending on the location or region.
Failure to comply with these requirements and instructions may result in severe injury or death.
Consult your workshop manager before working on EV vehicles.



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## HAVE AVAILABLE THESE SAFETY ITEMS WHEN FITTING PRODUCT:

| | |
|---|---|
| • Protective eyewear  | • Hearing protection  |

*NOTE: 'WARNING' notes in the fitting procedure relate to OH&S situations. To avoid a potentially hazardous situation it is suggested that protective safety gear be worn or a safe work procedure be employed. If these notes and warnings are not heeded, injury may result.*

## TOOL LIST FOR FITMENT:

| | |
|---|---|
| • Torque Wrench 0-25Nm<br>• Sockets ¼", 8,10 & 13mm, socket extension bar and driver<br>• Spanners, ratchet type, 8, 10 and 13mm.<br>• T30 and T40 Torx Driver<br>• Tape measure<br>• 150mm ruler<br>• Knife<br>• Sharp scissors<br>• Flat file<br>• Angle grinder<br>• Die grinder<br>• Metal primer touch up paint | • Wax and grease remover.<br>• Silicon Caulking Gun<br>• Neutral cure Non-Acetic Silicon<br>• Phillips head screwdrivers<br>• Flat blade screwdrivers<br>• Non-permanent marker<br>• Masking tape<br>• Cleaning cloths / rags<br>• Centre punch<br>• Hammer<br>• Engineer's scribe<br>• Drill and drill bits to 10mm<br>• Quicklock G clamp |

## FITTING THE CANOPY IS UNDERTAKEN THE FOLLOWING STAGES:

1. **Remove any sports bars, cabin guards and sailplanes from the vehicle's tub.**
2. **Fitting the tailgate cap for door edge sealing.**
3. **Sealing the front of the tub and fitting the tub mounting system.**
4. **Fitting the canopy to the vehicle and sealing the top corners of the tailgate.**
5. **Operational checks and Rear door locking adjustment techniques**
6. **Recording of key code and owner's manual supplement.**
7. **Check list and sign off.**

**!! IMPORTANT !! other than specifically specified in this instruction.**

**REQUIRED SCREW TORQUES: M6=9Nm M8=20Nm**

**SCREW TORQUES: These must be adhered to avoid warranty issues and should be checked at vehicle service intervals.**



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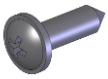
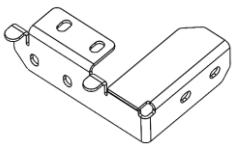
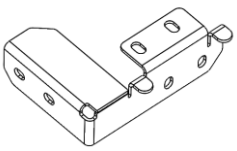
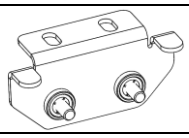
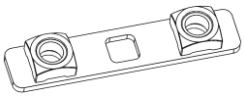
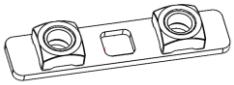
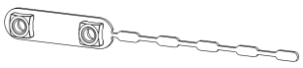
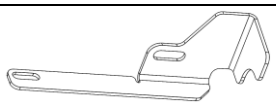
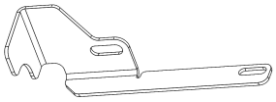
## THE FITTING KIT CONTAINS:

**Packed under the canopy**
**6178585 contains the front headboard rail bracket assembly and tailgate cap hardware kit.**
**6178678 contains the main hardware kit for mounting the canopy to the vehicle's tub.**

| Kit No | Part No | Picture | Qty | Description |
|---|---|---|---|---|
| **1). 6178585 FRONT HEADBOARD RAIL AND TAILGATE CAP KIT** | 667AQ018 |  | **1** | BRACKET- FRONT HEAD RAIL ASSEMBLY |
| | 667AQ022 |  | **1** | ASSEMBLY-TAILGAE CAP |
| | 6151626 |  | **6** | SCREW- PAN HEAD HI-LO THREAD 16MM LONG |
| | 4584463 |  | **6** | WASHER 5MM ID X 19MM OD- X 3MM THICK- BLACK |
| **2). 6178678 MAIN CANOPY HARDWARE KIT** | 667PD046R |  | **1** | BRACKET - RIGHT HAND - FRONT TUB CORNER MOUNT |
| | 667PD046L |  | **1** | BRACKET - LEFT HAND - FRONT TUB CORNER MOUNT |
| | 667AQ025 |  | **2** | BRACKET-ASSEMBLY-REAR TUB MOUNT |
| | 667AQ016 |  | **2** | BRACKET-NUT PLATE 50MM NUT PITCH (USED AT REAR) |
| | 667AQ024 |  | **6** | BRACKET-NUT PLATE 40MM NUT PITCH |
| | 3199779 |  | **2** | GRINDING PLATE (DISPOSABLE) |
| | 4655378 |  | **2** | NUT PLATE - FRONT HEADRAIL |
| | 671PD020R |  | **1** | RH REAR TUB CORNER SEALING BRACKET |
| | 667PD065L |  | **1** | LH REAR TUB CORNER SEALING BRACKET |
| | 6602018 |  | **5** | ALCOHOL WIPES |
| | 665505 |  | **1** | RUST INHIBITOR SACHET |



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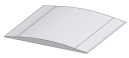
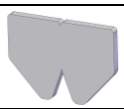
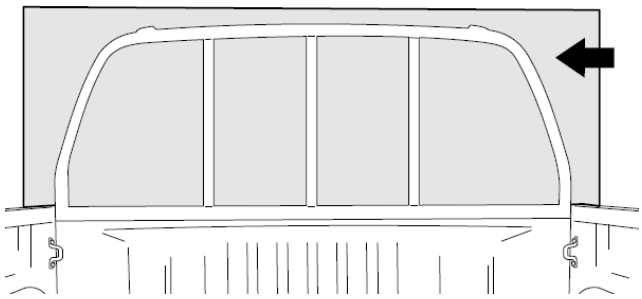
| | | | | |
|---|---|---|---|---|
| | 665044 |  | **2** | PRIMER STICK |
| | 668PM005 |  | **1 PAIR** | FRONT TUB CORNER SEAL BRIDGE |
| | 665076 |  | **2** | BUMPON STRIP OF 5 PIECES |
| | 668PB006 |  | **5 PAIR** | DIE CUT BLACK STICKERS |
| | 668PB023 |  | **1 PAIR** | REAR SEALING PAD – FOAM TAPE |
| | 6151625 |  | **12** | M8 x 1.25 x 25 TORX PAN HEAD SCREW – BLACK (T40) |
| | 6151881 |  | **4** | M8 x 1.2 x 35 TORX PAN HEAD SCREW – BLACK (T40) |
| | 4581303 |  | **16** | M8 x 25.4 OD x 3 WASHER -- BLACK |
| | 4581082 |  | **4** | M6 x 20OD x 1.2mm FLAT WASHER BLACK |
| | 6151228 |  | **2** | M6 X 30mm BLACK HEX HEAD SCREWS GD 8.8 |
| | 6151213 |  | **2** | M6 X 20mm BLACK HEX HEAD SCREWS GD 8.8 |
| | 6151223 |  | **4** | M6 x 1 BLACK NYLOC NUT |

## SECTION 1: PREPARING THE VEHICLE TUB – REMOVAL OF CABIN GUARDS, SPORTS BARS, SAILPLANES AND ROLL TOP TONNEAU COVERS.

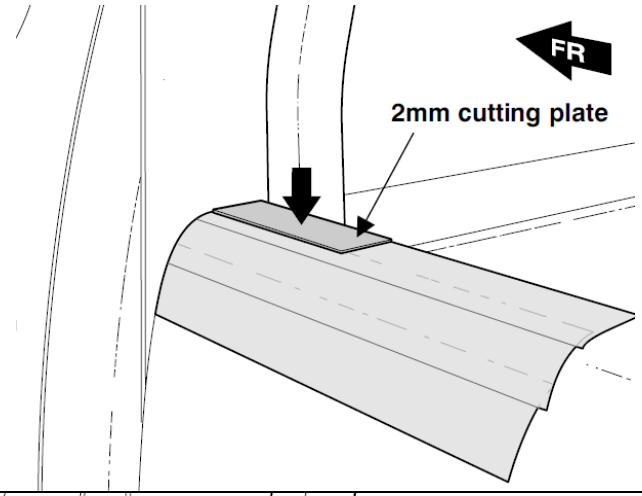
1.1) Remove any sports bars, cabin guards, sailplanes or tonneau covers fitted and return any items to the customer if requested to do so.

1.2) **Bed liners DO NOT require removal based on OEM under rail supplied products.**



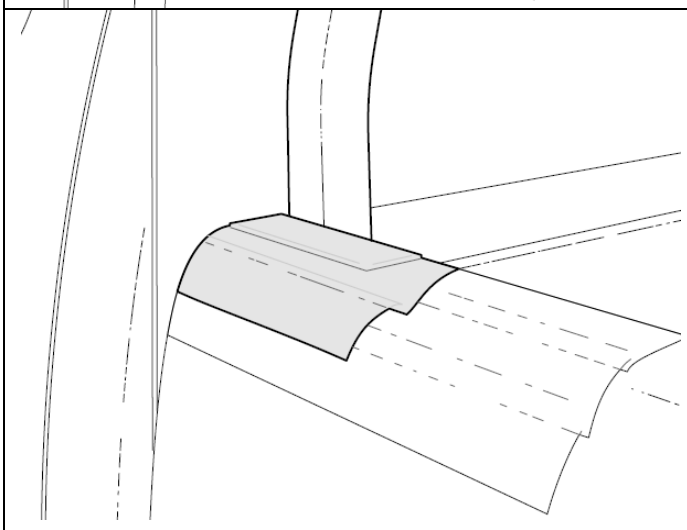
1.3) If your vehicle is fitted with a cabin guard frame it must be removed.

1.4) Slide a sheet of cardboard or similar between the cabin and Ute body to protect the back of the cabin.




1.5) Apply 200mm lengths of overlapping masking tape to the top and side of the tray, up to the cabin guard main support leg on both sides of the tub.

1.6) Position the steel protective grinding plates (3199779) next to the cabin guard main support leg on both sides of the tub.



1.7) Secure the protective steel grinding plate to the tray body by covering it completely with masking tape as shown.



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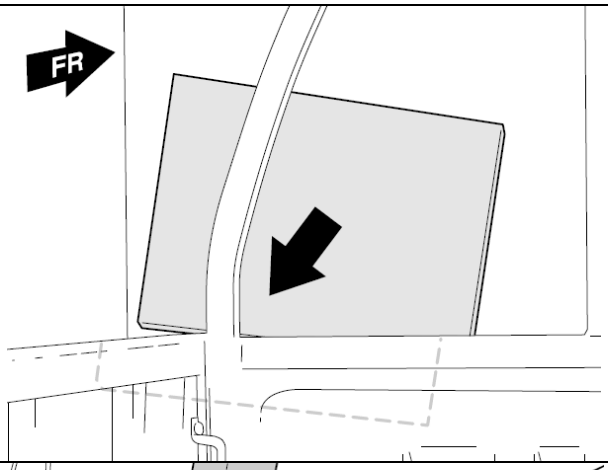
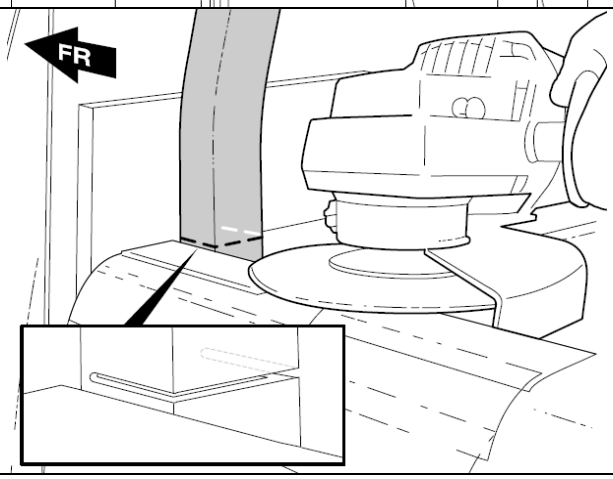
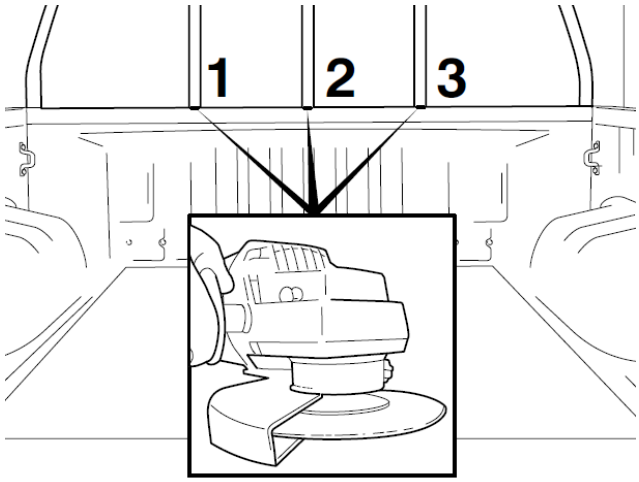


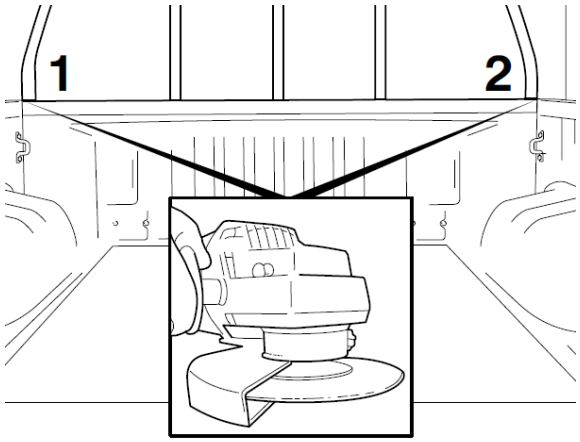

1.8) Insert a suitable protective wooden board of adequate thickness between the cardboard and the cabin guard main brace as shown.




1.9) Using an angle grinder, partially cut through the rear and side faces of the cabin guard main support legs.

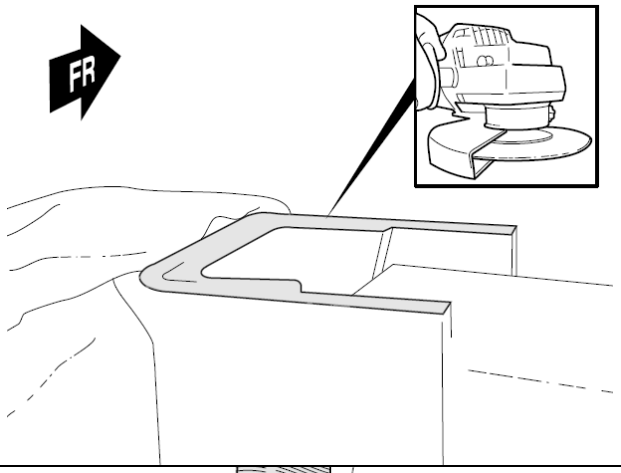
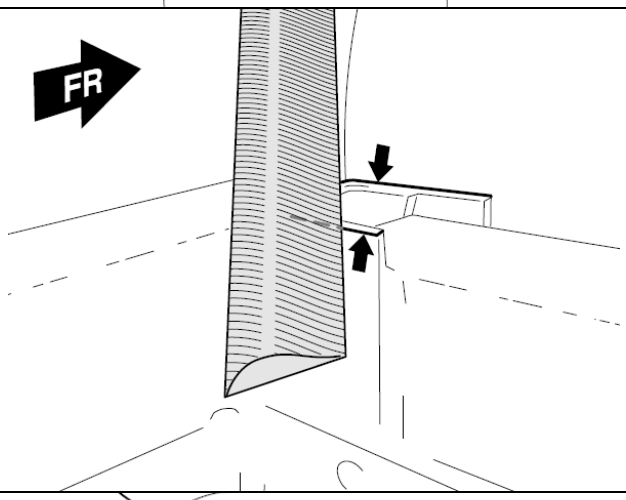
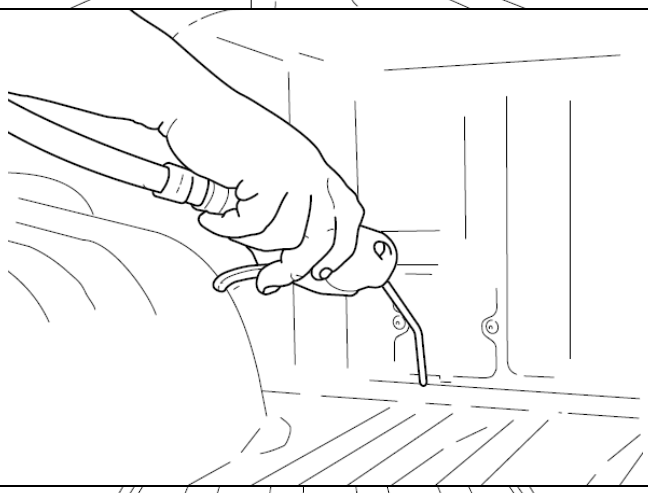
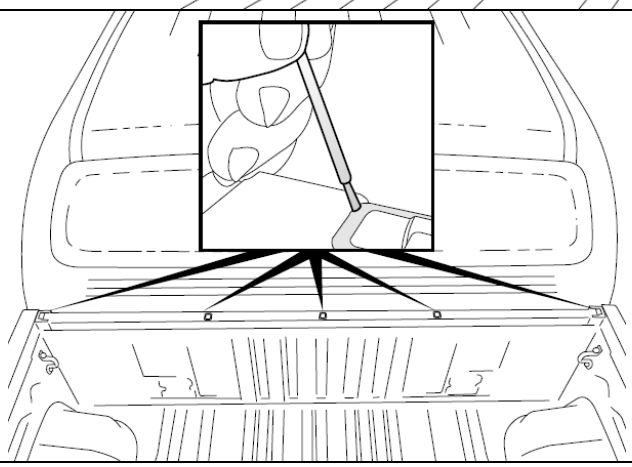



1.10) Completely cut through the inner bars (if fitted) at the base, flush to the tub, as shown. Move the protective board to each bar before cutting.




1.11) Cut completely through the remaining rear faces of the LH & RH cabin guard main side legs, flush to the grinding plates in step 1.6.

1.12) Remove the cabin guard from the vehicle and discard it.

| | |
|---|---|
|  | 1.13) Move the protective board before cutting. Carefully cut away any remaining metal not flush with the top of the vehicle's side tub rail panels. |
|  | 1.14) Using a metal file, de-burr the outer and inner edges of the remaining portions of the cabin guard support legs on the vehicle's tub. |
|  | 1.15) Using compressed air, completely blow out any metal filings / swarf in the tray floor. |
|  | 1.16) After removal, touch up the bare metal with primer, and then fill any holes exposed from the removal of the cabin guard with a <u>neutral cure</u> silicone. |



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## SECTION 2: FITTING THE TAILGATE CAP FOR DOOR LOWER EDGE SEALING

2.0) Place tailgate in down position.

2.1) Remove all the Torx T30 screws holding the OE plastic tailgate cap in place on the back side of the tailgate. Retain the screws to re-use.

2.2) Use Phillips head screwdriver driver to remove tailgate metal access cover. Retain all parts to reuse.



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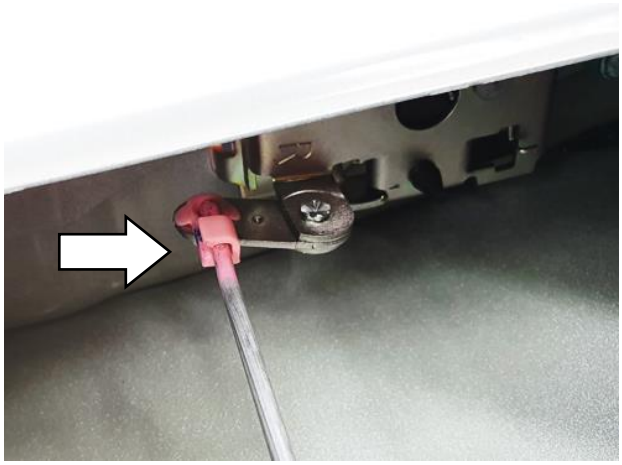
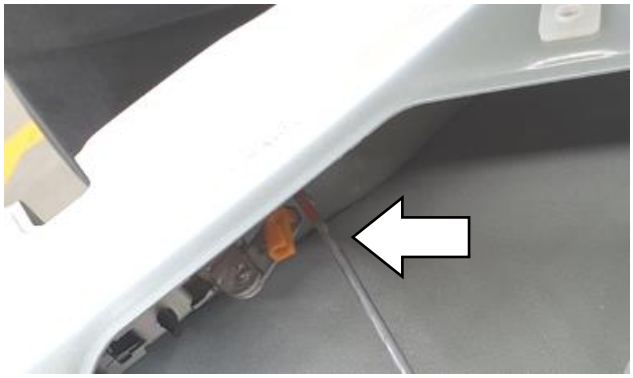
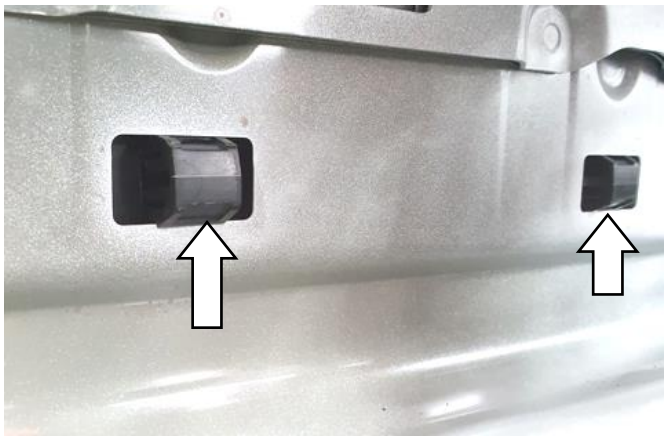
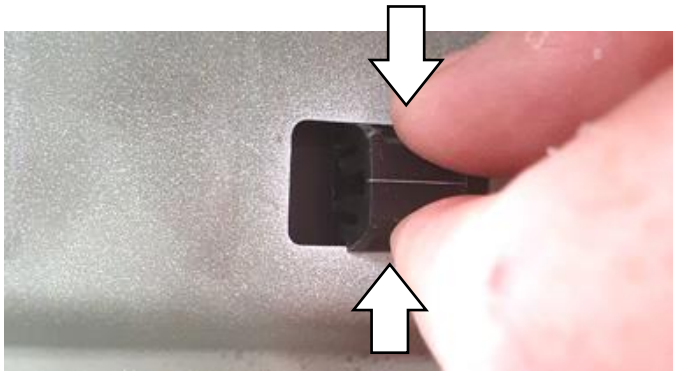




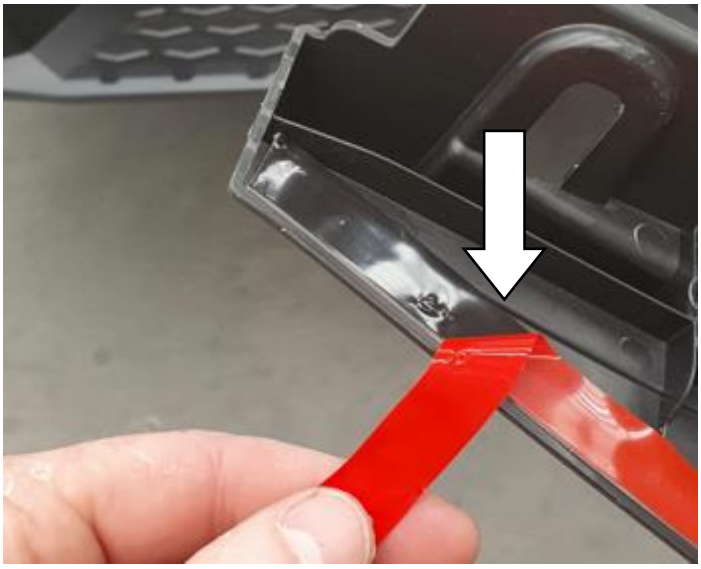
2.3) From inside tailgate panel cavity, unclip the two pull rods from the tailgate handle mechanism.





2.4) From inside the tailgate panel, squeeze the barbed clips to remove the plastic OE tailgate cap from the sheet metal of the tailgate to release it.

2.5) Clean the top leading edge of the tailgate with an alcohol wipe (602018) and allow it to dry. Use a primer stick (665044) along the top flat face ONLY, sparingly, without spillage and allow to dry.



2.6) Remove 50mm of the tape backing liner on the new tailgate cap assembly (667AQ022) at each end.



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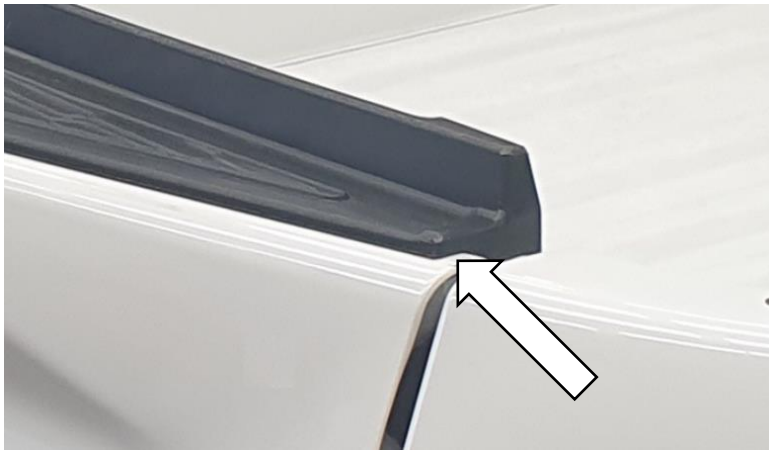
2.7) Close the tailgate. Position the assembly to align it to the top of the tailgate. The locator spigots on the new tailgate cap moulding will provide accurate positioning into the tailgate sheet metal.

2.8) Once positioned, open the tailgate

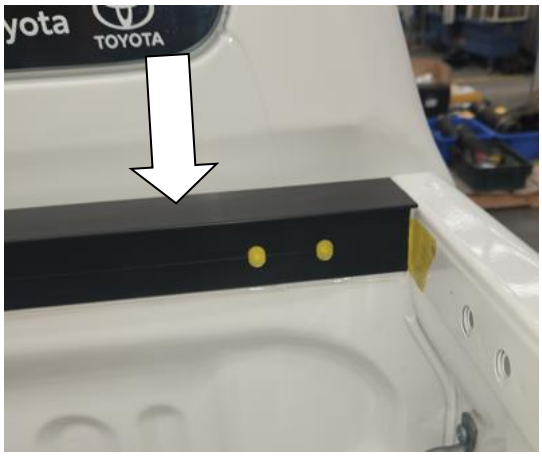
2.9) From inside the tailgate cavity, beginning at the ends, progressively screw down the new tailgate cap firmly in six places using the Hi-Lo screws (6151626) and M5x19 x3mm thick washers (4584463) on the inside. Do this by hand using a Phillips head screwdriver to avoid stripping the screws.

Refit both the metal inspection panel and (if fitted) tailgate liner.

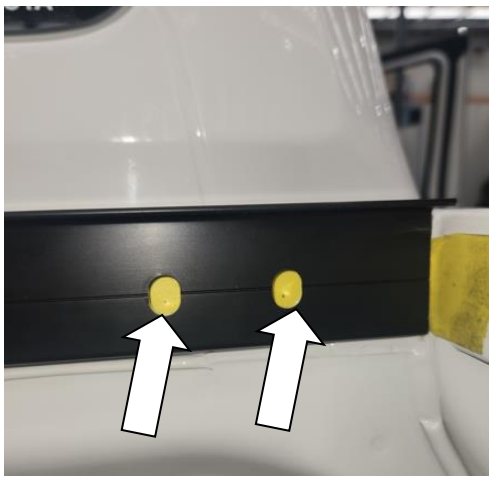
| | |
|---|---|
|  | 2.10) While pushing down on the new tailgate cap, with a T30 Trox drive, screw down tailgate stop using the original retained OE screws in six places. Hand-tighten, do not use an electric drill and do not overtighten to avoid stripping. |
|  | 2.11) Close the tailgate and slowly pull out the remaining tape liner. Then push down all along taped edge to wet out tape to sheet metal. |
|  | 2.12) At each end of the tailgate cap and on the ends only, apply a small amount of (neutral cure non-acetic) silicon to the join between the cap and the tailgate. Carefully, clean off excess with a rag applied sparingly with silicon remover, or wax and grease remover and make the joins neat.<br><br>Installation of the tailgate cap is now complete. |

## SECTION 3: SEALING THE FRONT CORNERS OF THE TUB, FRONT HEADER RAIL AND CANOPY MOUNTING BRACKET INSTALLATION.

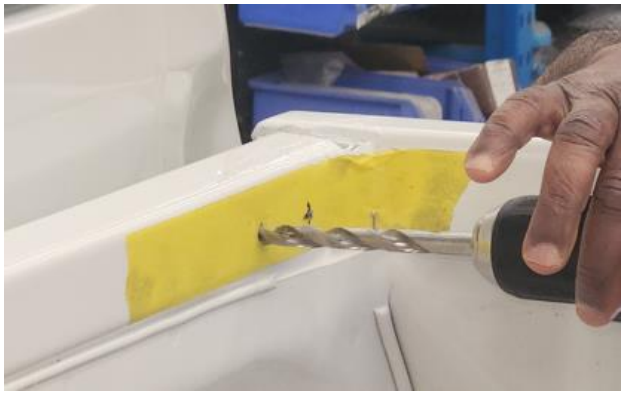
3.0) **For vehicles fitted with cabin guards ONLY that were removed in Section 1**: Apply masking tape across the front inner corners of the vehicle's tub to approximately 200mm inboard.



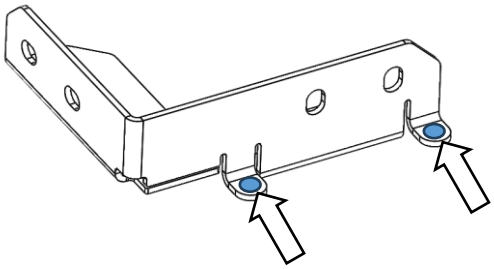

3.1) **For vehicles fitted with cabin guards ONLY that were removed in Section 1:** Place the front header rail bracket assembly (667AQ018) down on the front wall of the tub with the foam tape underneath the header rail pressed against the top of the front upper surface of the tub. Locate each end of the assembly **with even gaps to both sides of the tub.**

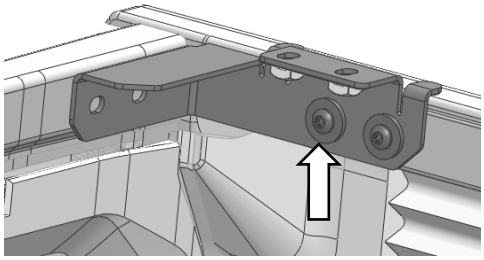


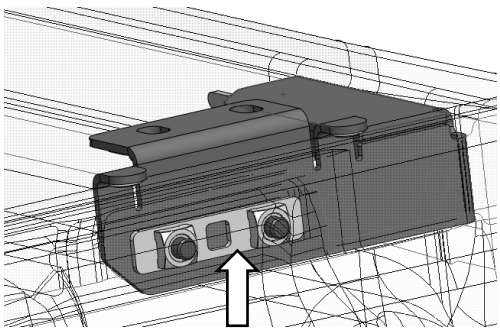
3.2) **For vehicles fitted with cabin guards ONLY that were removed in Section 1:** While pressing down on the header rail, mark through the two holes in each end of the header rail the centre points, aligning to the groove in the header rail



3.3) **<u>For vehicles fitted with cabin guards ONLY that were removed in Section 1:</u>** Centre punch the centres of the holes and drill them out to 10mm. Deburr the holes. Remove the masking tape and apply rust inhibitor (665505) to the edges of the drilled holes.





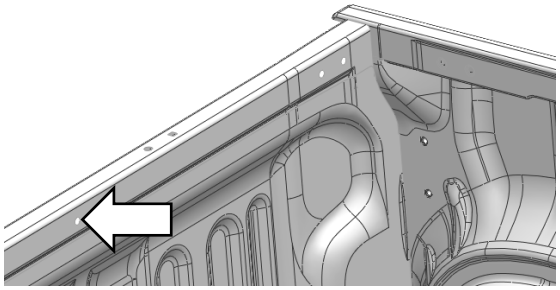


3.4) **<u>For all vehicle variants:</u>** Place two bumpons (665076) on to the tags of the front tub corner bracket (667PD046R).

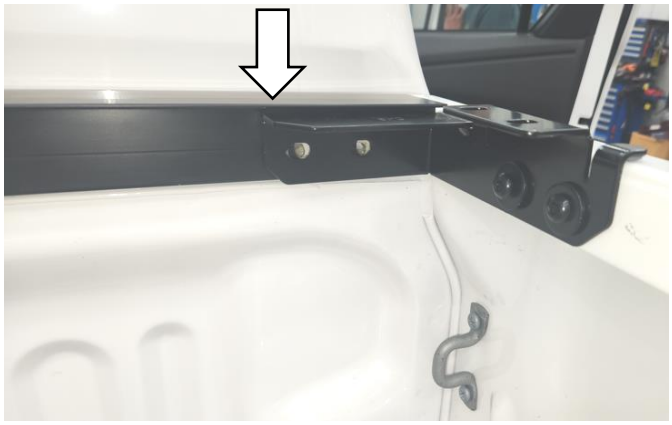
Repeat for opposite side (667PD046L).

3.5) Loosely bolt up the right-hand front corner mount bracket (667PD046R) using two M8 x 25 OD x 3mm thick flat washers (4581303) and two M8 x 25 Torx button head screws (6151625) through the bracket and into the side of the tub and into the **40mm pitch nut plate** (667AQ024) on the inner side of the tub. Tighten, but allow brackets to still be slightly loose in position. The picture shows the arrangement for the right-hand front corner of the tub.

Repeat for the opposite side using (667PD046L) bracket.



3.6) Place black stickers (668PB006) over the holes on the vertical face of the front wall of the tub near the top edge (other than in the two holes in each corner).



3.7) Place in the front header rail bracket assembly (667AQ018) down between the front corner mount brackets and the front wall of the tub with the foam tape underneath the header rail pressed against the top of the front upper surface of the tub. Locate each end of the assembly with even gaps to both sides of the tub.

3.8) Fit between the cabin and the tub the nut plate (4655378) to align to the two holes in the corners of the tub. The end of the nut plate may be bent to a shape to provide access for fitment. Place masking tape on the back of the cabin before it is inserted to prevent scratching the cabin's paint work.



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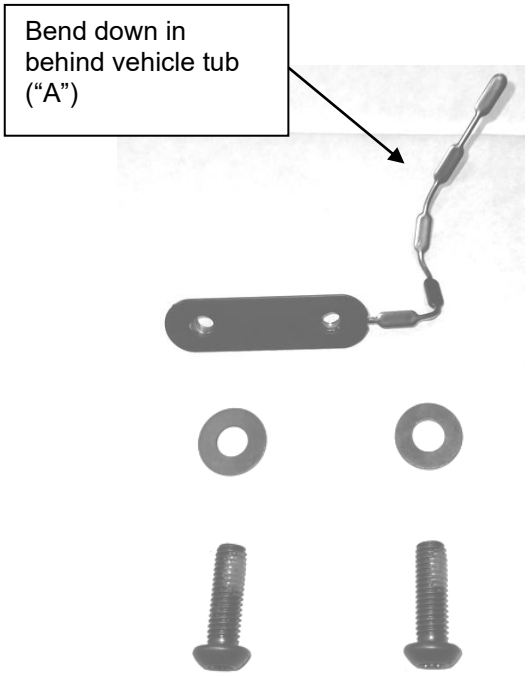
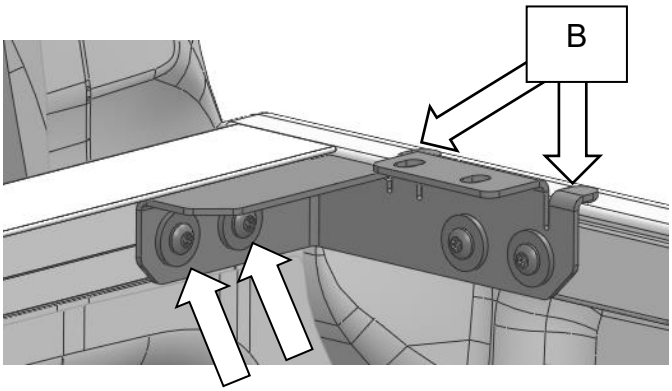
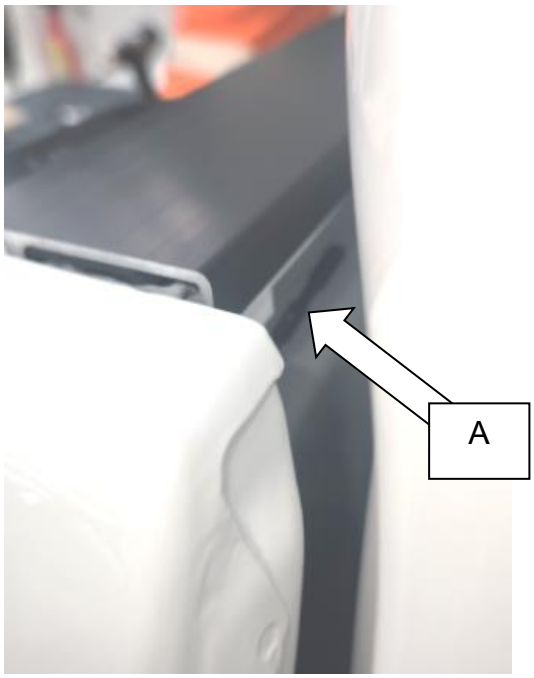


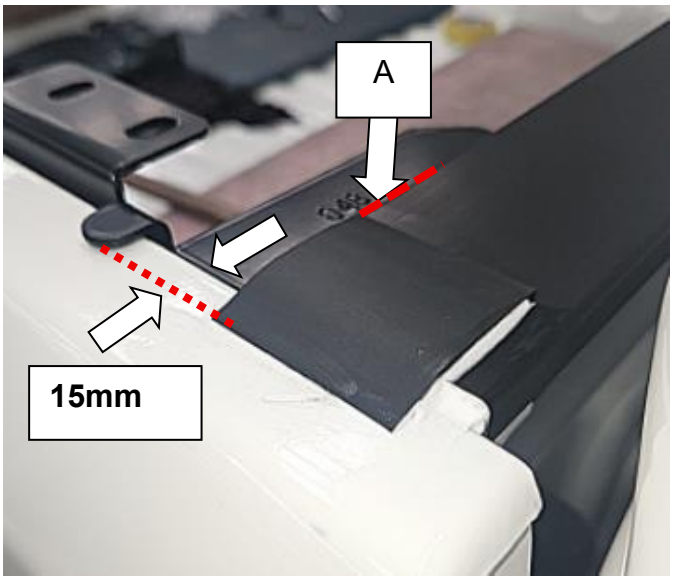

3.9) Loosely bolt up the header rail through the front corner mount brackets (667PD046R/L) using two M8 x 25 OD x 3mm thick flat washers (4581303) and two M8 x 35 Torx button head screws (6151881) per side, through the header rail assembly and through the tub into the nut plate (4655378) on the other side of the tub between the cabin. Tighten, but allow brackets to still be slightly loose.

3.10) Once assembled, bend the tag from the nut plate down in behind the vehicle's tub and ensure it cannot make contact with the cabin. (Location "A")

3.11) Press down on the then header rail assembly to engage the foam tape to the top of the tub and ensure the top of it is level to the sides of the tub on both sides.

3.12) Do up the front M8 Torx screws through the corner brackets and front header rail first, to **20Nm Torque whilst ensuring the tub mount bracket top face tags are engaged against the top face of the sides of the tub. (Location "B").**

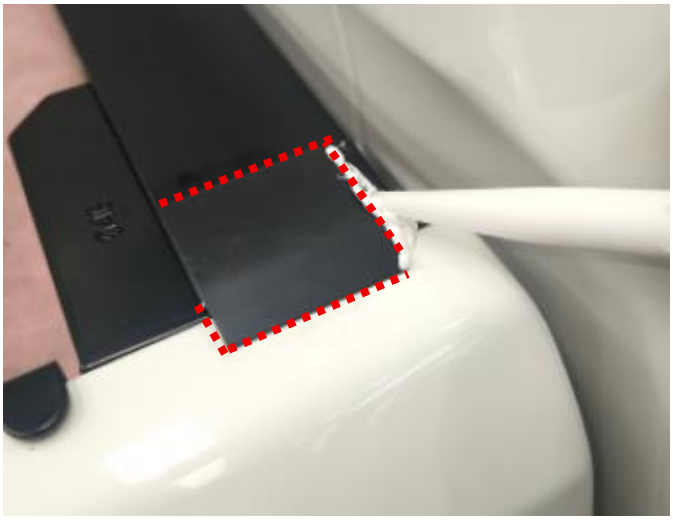
3.13) Then tighten the M8 Torx screws through the brackets (667PD046R/L) on the sides of the tub to **20Nm Torque whilst also ensuring the tags on backets are engaged against the top face of the sides of the tub. (Location "B")**.




3.14) Clean the area with an alcohol wipe (6602018) across the front header rail and the front tub corners and allow to dry. Frist, without removing the self-adhesive backing paper, locate a bridge seal (668PM005) aligned with the inner edge of the front header rail at “A”. Apply primer stick (665044) to the area where the bridge seal is to be applied, sparingly, without spillage onto the paint work and allow to dry. Apply at each end of the front header rail assembly, the bridge seal (668PM005), by removing the backing paper off the adhesive side. Apply pressure to stick it down to the dimensions shown opposite.
**The ramp curved profile should go between the front header rail and the side of the tub as a “bridge”.**

**!! IMPORTANT !!**
**POSITION THE SEAL BRIDGE EXACTLY AS SHOWN OR FRONT CORNER WATER LEAKS COULD OCCUR**

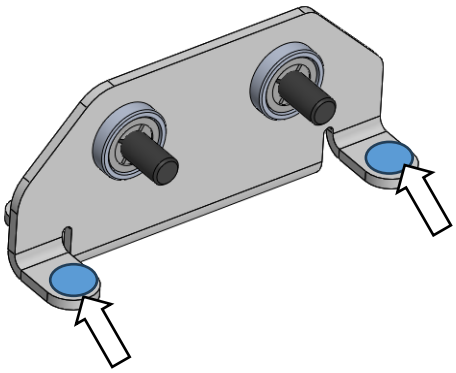
Repeat on the opposite end of the front header rail.



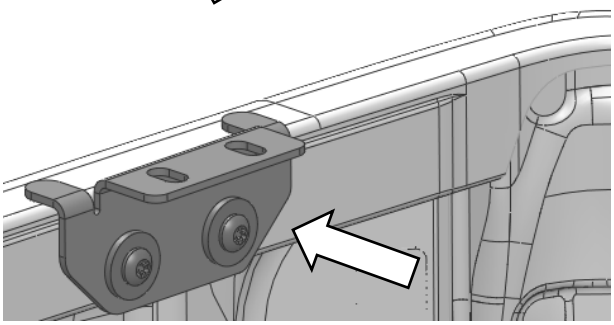
3.15) Apply (neutral cure non-acetic) silicon to the join between the front header rail to tub sides from underneath the bridge and at the front and the inboard side, to stop water leaks. Also apply a small amount around the edge of the the seal bridge.

3.16) The bridge seal provides a transition from the front tub mount rail to the top of the side tub walls to provide a sealing surface to the bed seal that is on the underside of the canopy.
**APPLY SILICON AS SHOWN OR FRONT CORNER WATER LEAKS COULD OCCUR**

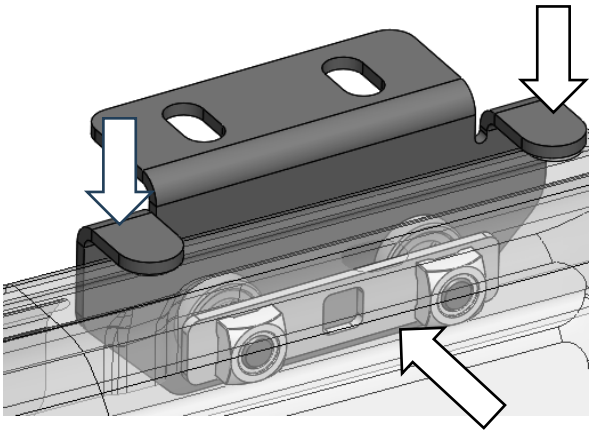
3.17) Carefully, clean off excess with a rag applied sparingly with silicon remover, or wax and grease remover and make the joins neat.



3.18) Place two bumpons (665076) each on to the tags of the rear tub mount bracket assemblies (667AQ025).

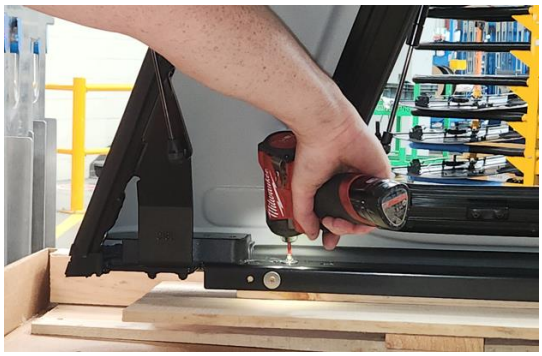


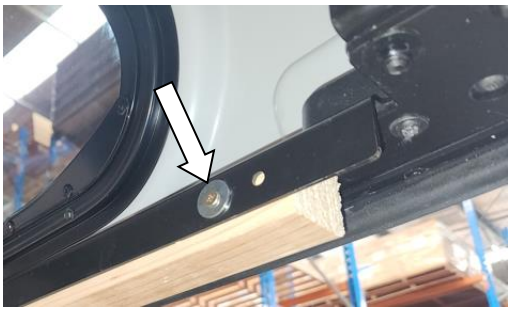
3.19) At the rear end of the rub on the right-hand side locate the two rear most holes in the tub inner lip. Locate the rear tub mount bracket assembly (667AQ025) into these holes and into a **50mm pitch nut plate** (667AQ016) on the inner side of the tub lip. Tighten the Torx screws to **20Nm Torque whilst ensuring the tub mount bracket top tags are engaged against the top face of the sides of the tub.**



Repeat the above with the second (667AQ025) bracket assembly on the other side of the tub.

## SECTION 4 : FITTING THE CANOPY





4.0) Unscrew the canopy on the pallet by removing the four wood screws in each corner holding the canopy down through the top of the base rails to the pallet. Gain access to screws via opening the rear door and via side lift up windows.

4.1) Also remove the four screws holding the four timber bearers on the inner flange of the base rails.


4.2) Clean the front window of the canopy on the outside.

4.3) Clean the rear window of the vehicle's cabin.

4.4) Close the vehicle's tailgate.



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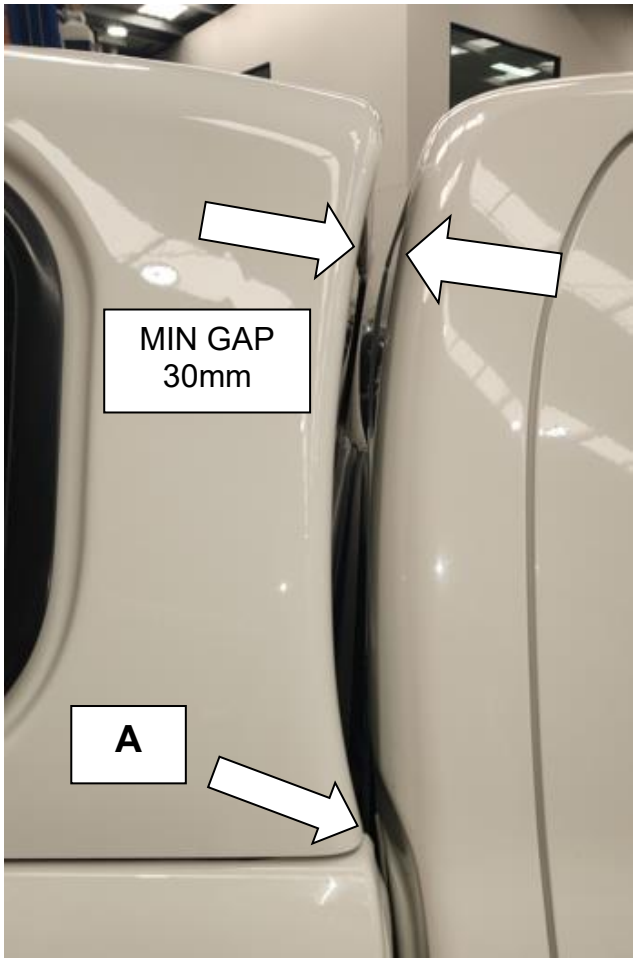
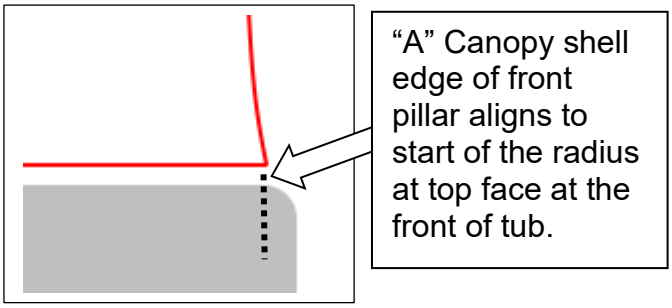



**BELOW IMAGE: SIDE VIEW- FRONT CORNER OF CANOPY ON VEHICLE**




4.5) Close the canopy's rear door and **USING 4 PEOPLE**, lift the canopy from the pallet and place it carefully down onto the vehicle's tub.

**Take care during this process to ensure the canopy shell is lowered down evenly and is not contacting the vehicle tub to avoid paint damage.**

**When re-positioning the canopy, lift the canopy up off it's seal to avoid dislodging the weather seal underneath against the top of the tub. As a final step lift up and then drop down to seat the seal on the canopy to the vehicle's tub and check the sealing fin on the seal points outwards when setting it down.**

**POSITIONING OF CANOPY ON TUB:**

**The canopy should be positioned so the lower door edge's sash seal is sealing well and evenly along its length to the tailgate cap and even at the lower door glass edge on both sides.**

**Then review the front leading lower edge corners of the canopy are aligned just to the beginning of the front of the tub at "A".**

**Check minimum gap from canopy front pillars and cabin is 30mm at the location shown opposite.** (Use a socket measured to 30mm diameter as a checking aid, slid between the canopy and the cabin).



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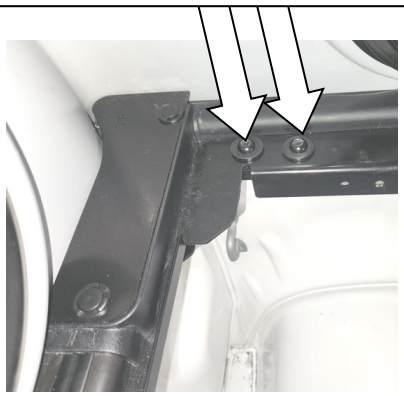
4.6) View the canopy down the sides of the car on both sides. Make sure it is balanced on both sides.


4.7) Stand back and walk around the canopy and check uniform balanced fit to the tub and cabin.

- The canopy is central on the Ute body.
- Alignment between cab and canopy is even both sides.
- The rear door seals against the tailgate cap evenly both sides without excessive force on glass to close.
- **The gap is even between the door glass to the frame on both sides at more than 3.5mm each side.**
- The gap of the door glass lower edge has gap to the tailgate cap to open.

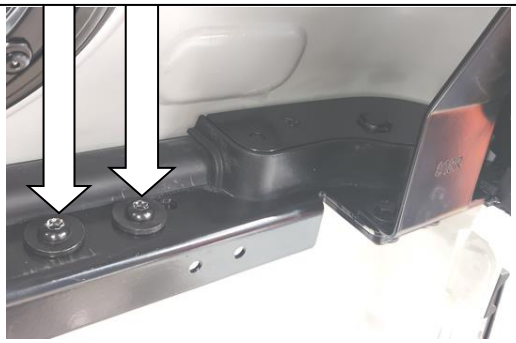
M8X25 TORX SCREWS (6151625) WITH M8x25.4x3 28 WASHER (4581303) ABOVE AND (667AQ024) 40MM PITCH NUT PLATE ON THE UNDERSIDE

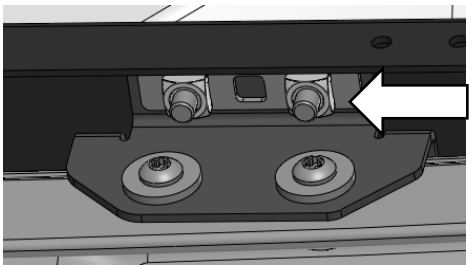


4.8) On the inner edge of the front corner of the base rail inside the canopy, assemble two M8x25mm Torx head screws (6151625) with two M8x25.4x3mm washers (4581303) down in through the top of the base rail and through the two holes in the front corner mount bracket (667PD046R). On the underside use **the 40mm pitch nut plate** (667AQ024). **Tighten the M8 Torx screws to 20Nm.**

**Do this for both sides.**

M8X25 TORX SCREWS (6151625) WITH M8x25.4x3 28 WASHER (4581303) ABOVE AND (667AQ024) 40MM PITCH NUT PLATE ON THE UNDERSIDE

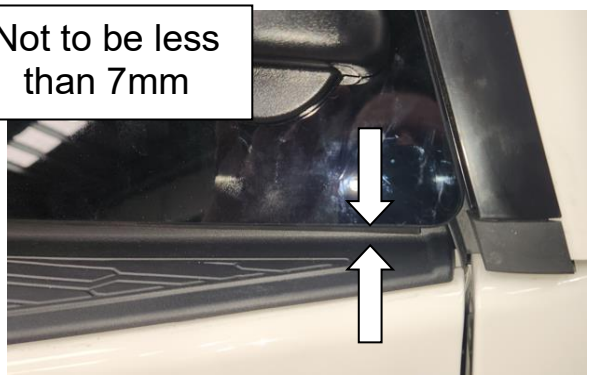




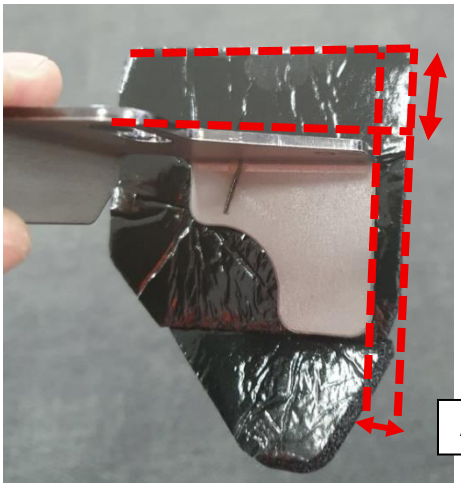
4.9) On the inner edge of the rear corner of the base rail inside the canopy, assemble two M8x25mm Torx head screws (6151625) with two M8x25.4x3mm washers (4581303) down in through the top of the base rail and through the holes in the rear corner mount bracket assembly (667AQ025). On the underside use **the 40mm pitch nut plate** (667AQ024). **Tighten the M8 Torx screws to 20Nm.**

**Do this for both sides.**

Not to be less than 7mm



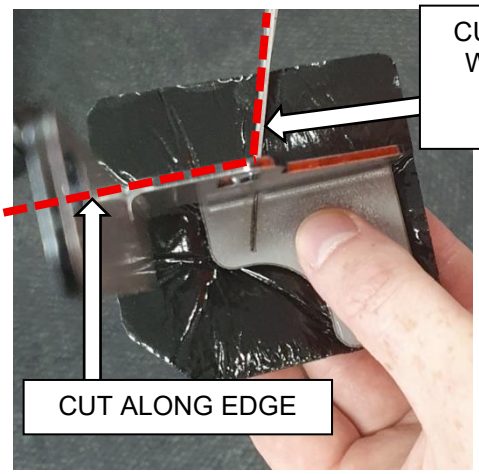
4.10) Position the canopy so the lower rear door glass edge's sash seal is sealing well and evenly along its length to the tailgate cap**. Measure with a ruler vertically between the door glass lower edge to the top of the tailgate cap. (This distance must not be less than 7mm and should be even-nominal is 8mm).**



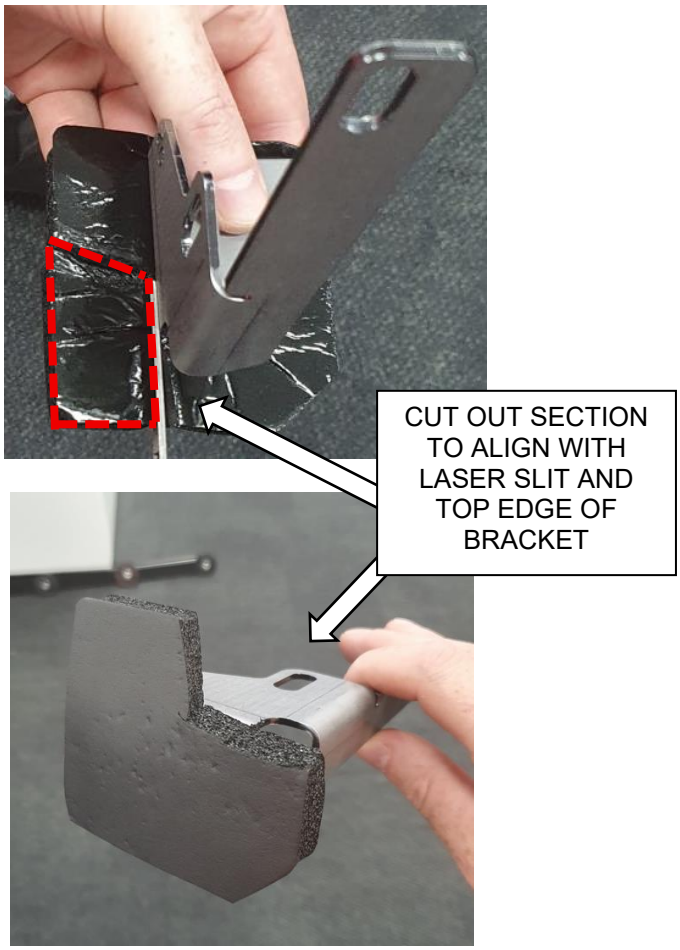

**SPECIFIC TO VEHICLES WITH ROLL TOP TONNEAUS AND SAILPLANES (SUCH AS ROGUE IN AUSTRALIA) AN ALTERATIVE FITTING KIT FOR CANOPY REAR CORNER TO TAILGATE SEALING IS REQUIRED. PLEASE REFER TO INSTRUCTIONS WITHIN KIT 6178780 FOR FITTING STEPS TO END OF STEP 4.24.**

4.11) Adhere the foam sealing pads (668PB023) to the larger face of the pair of rear tub corner sealing brackets (671PD020R/L) . Shown opposite is the right-hand bracket.

4.12) Align top edge of the pad 25mm from top of bracket and 5mm from edge right hand edge.

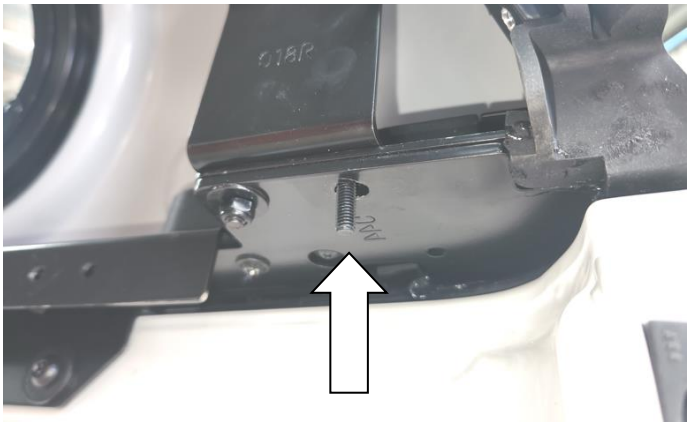



4.13) With sharp scissors make two cuts in the pad to the top edge of the bracket edge. Align the vertical cut to laser slit visible on the face of the bracket.

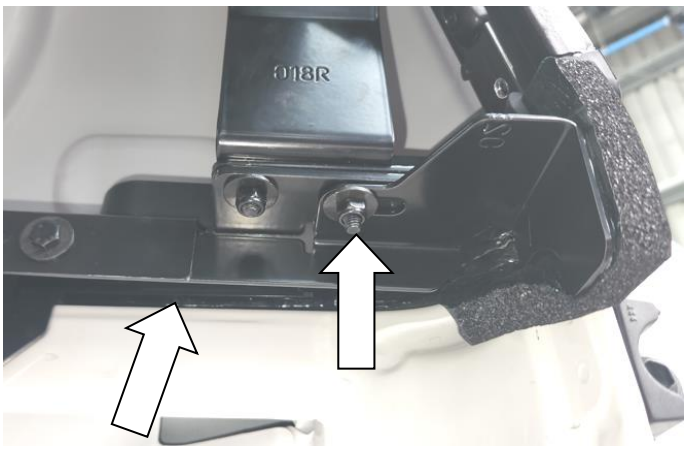



4.14) Make a third cut along the top edge of the bracket to the slit in the pad and remove the foam section from seal as shown opposite.

FINISHED CUT PAD RIGHT HAND



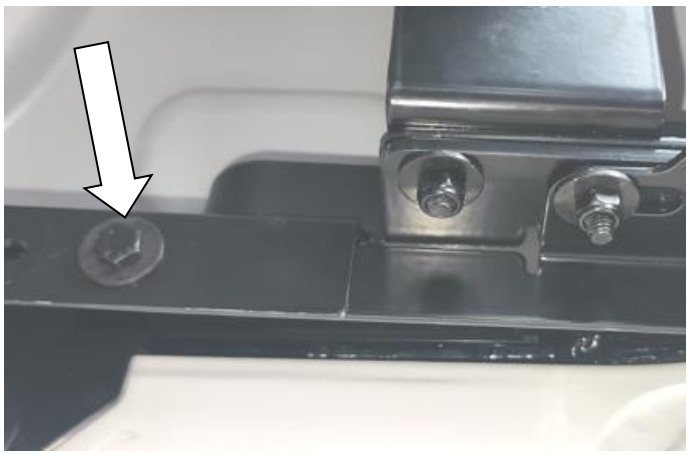
4.15) Open the tailgate. Inside the canopy's rear corner on the right-hand side, remove the bolt through the door frame support bracket and the canopy base rail in the rearmost location and replace it with M6 x 30mm long hex bolt (6151228) and retained washer. Retain the other washers and discard the M6 nyloc nuts. Both Sides.




4.16) Locate and loosely assemble, the right-hand rear tub corner sealing bracket (671PD020R) with the rear leg inside the base rail return flange and the bracket upper face up to the underside of the base rail beneath the door frame support bracket with its slot over the new M6 x 30 bolt.

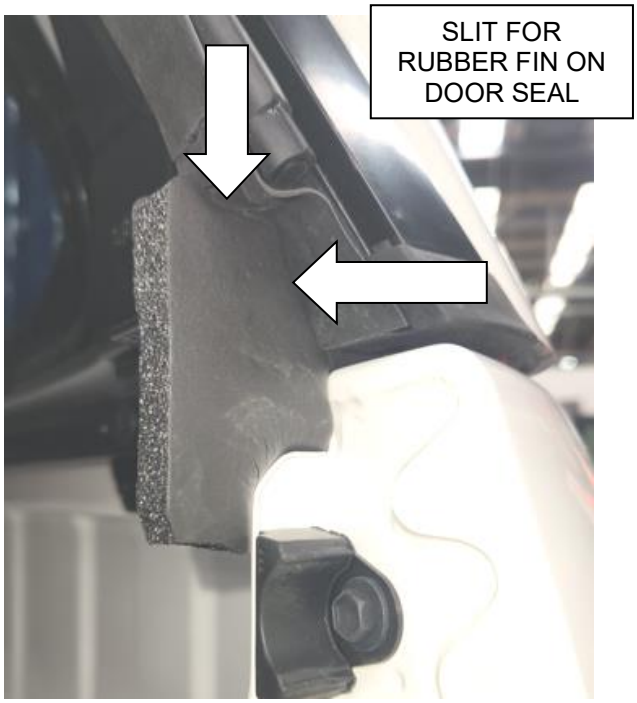
4.17) Loosely assemble, new M6 nyloc nut (6151223) and retained M6 x 20mm x 1.2mm thick washer (4581082) to underside of door frame bracket to the new M6 x 30 bolt.

Tighten, but allow the bracket to move forward and aft freely.

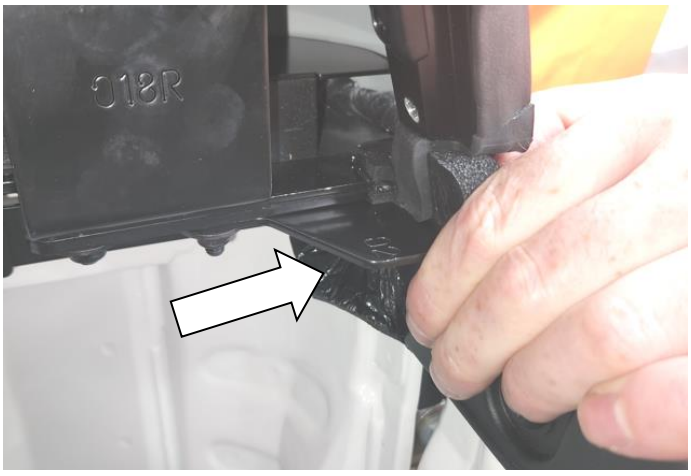


4.18) Through the base rail return flange to the rear tub corner sealing bracket, loosely assemble M6 x 20 bolt (6151213) with M6 x 20 x 1.2 washer (4581082) through it and on the inside assemble M6 x 20mm x 1.2mm thick washer (4581082) and M6 nyloc nut (6151223).

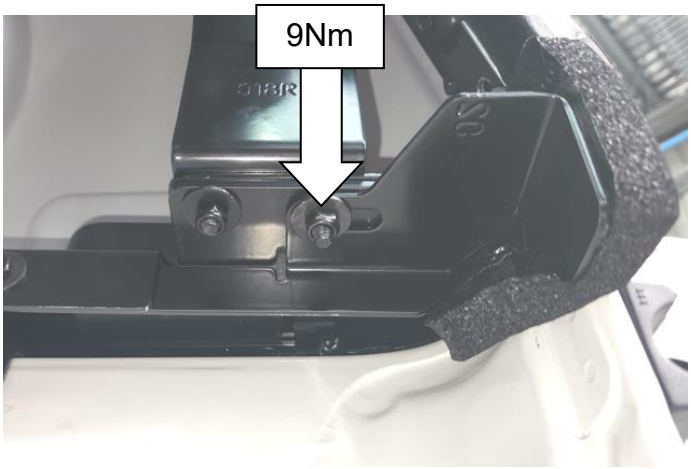
Tighten, but allow the bracket to move forward and aft freely.

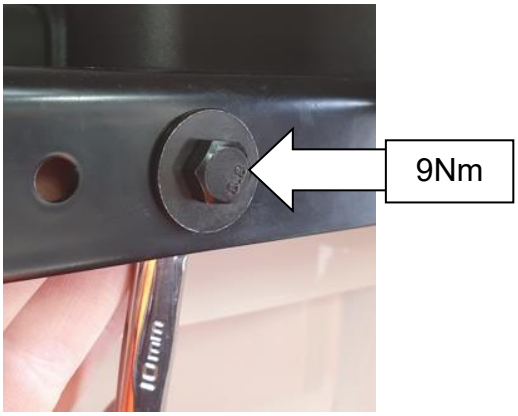



4.19) Adhere the rear face of the foam pad to the front face of the rubber door frame corner seal, ensuring the corners of the foam pad butt up to the corners of the door frame seal.



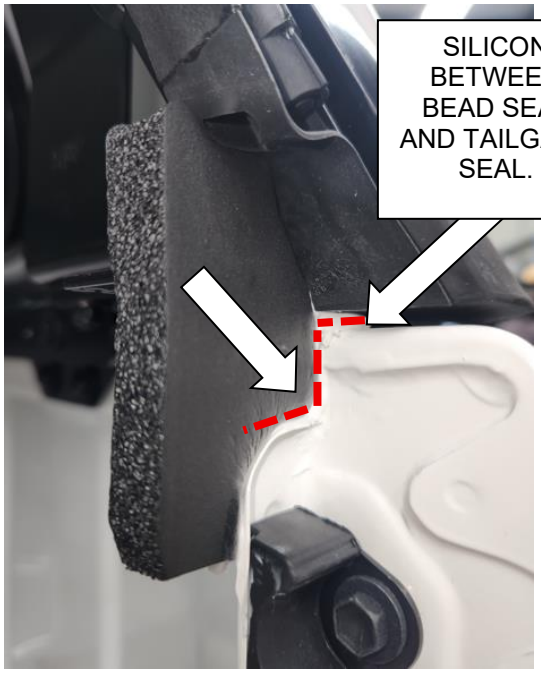

4.20) Pull the bracket rearwards to press up firmly against the inside surface of the tub corner pillar to compress the foam pad to at least half it's thickness.




4.21) With the bracket pushed rearwards, tighten the M6 bolts to **9Nm** to set the bracket in place.

4.22) Close the tailgate to check the foam compression to the tailgate. Check the tailgate can be closed without excessive force to close it against the seal compression. Also check the foam pad seals up to the back of the plastic tailgate cap.




4.23) Open the tailgate and use clear neutral cure clear silicon to close the vertical gap between the foam pad and the tub side wall and into the corner area as shown and beneath the rear corner of the canopy, above the top of the tub to meet where the bed seal on the canopy is compressed against the top of the tub.

Clean up excess and make silicon neat.

4.24) **Assemble the opposite side of the canopy with the 671PD020L rear door corner sealing bracket following the same steps above.**

4.25) Water test the canopy around all windows and joins to the tub with high pressure hose and seal or report any leaks found.

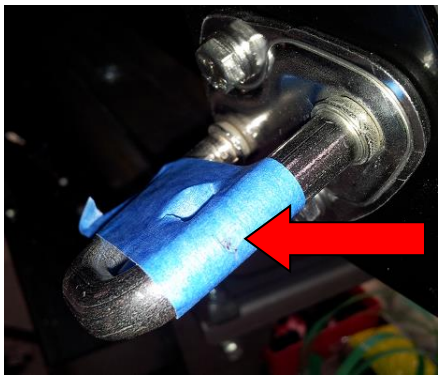
4.26) **Ensure Section 6 and 7 of these instructions including the second last page of this instruction are discussed with the customer and are given to the customer.**

## SECTION 5: OPERATIONAL CHECKS AND ADJUSTMENT OF REAR DOOR LOCKING

5.0) Check the interior light works when turned on via the switch. The light is battery operated with four AA batteries which can be accessed via removing the lens.

5.1) Remove the keys from the window struts and rear door struts. 2 keys should be added to the customer's key ring. **Check the keys work manually in all locks an give the customer any additional keys.**

5.2) Place masking tape around the stainless-steel striker loops on both sides of the door and slam the door shut 3 times.

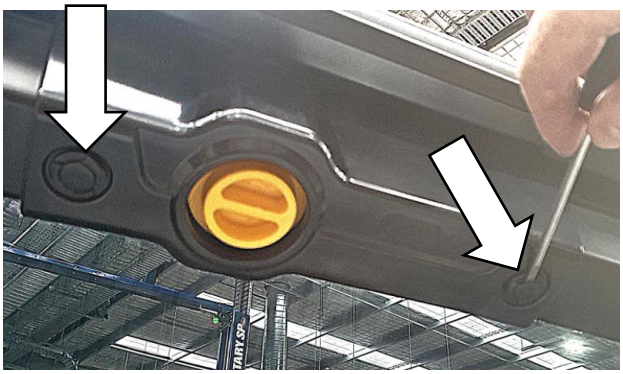


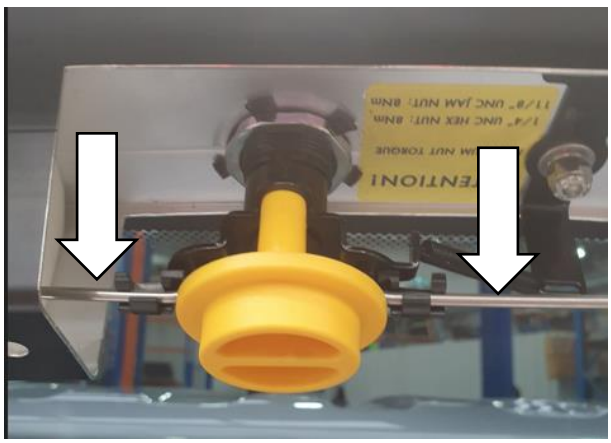
5.3) Check there is only wear on face of the tape that is rearwards from the vehicle on the striker loops.

5.4) If there is wear on top or underneath on the striker loop, loosen the bolts on the striker loops and adjust the position of the loop up or down to correct strike position into the rotary latches on the door glass so they do not bind when closing the door.

5.5) Tighten and retest with tape again until the desired latch wear point is obtained. Once satisfied, tighten the striker loop bolts to **9Nm**, using a torque wrench

5.6) With the door open, engage both latches to close them by pushing in the rotary latch pawls on both sides of the door, then **SLOWLY** twist the yellow release handle at the centre of the door and listen to hear if both latches open at **EXACTLY** the same time.





5.7) If the latches don't release at the same time, remove the 2 scrivets retaining the centre door cover, remove the cover to get access to the latch pull rods inside.



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**WA:**(08) 9244 3553 **NSW:** (02) 9821 3633 **ACT:** (02) 6280 7475 **SA:** (08) 8244 5001 **QLD:** (07) 3872 3872 **NT:** (08) 8947 2262 **TAS:** (03) 6331 4190

5.8) On the side which released last, undo the rod clip and pull the pull rod out. Rotate 1 turn to shorten it.

5.9) Reinstall the rods into the clips, **CLIP THE ROD END SHUT.**

5.10) Retest the latches by operating the interior handle to check they work simultaneously.

When satisfied, replace the covers, **check the scrivets are reinstalled.**

5.11) **Shut the door as gently as possible for a latch to engage.** Check that both latches engage at **EXACTLY** the same time.

5.12) If the latches don't engage at exactly the same time, loosen the 2 stainless steel M6 bolts on the striker loops and tap the latch striker forward 1-2mm.

Retighten the M6 bolts to **9Nm using a torque wrench**, retest the door during closing to check latching operation.



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## SECTION 6: OWNERS MANUAL SUPPLEMENT (Fill in and give to customer).

| ARB – Classic Canopy CLS81 Toyota Hilux 2026+ | | | | |
|---|---|---|---|---|
| KEY CODE (Write it in boxes opposite)<br>(As is found on key bag or on canopy serial number label inside the canopy on the badge recess on the rear pillar) | A | 2 | | |

### Warranty

- Refer to ARB Products "Warranty Against Defects" booklet contained within the hardware kit, to be delivered to the customer upon purchase.
- ARB provides a 3 year warranty with this product from date of purchase via the original purchaser.
- One year warranty is provided on gas struts.
- This warranty does not cover modifications / alterations, improper installation, use of non-genuine ARB accessories, abuse / misuse, accident, lack of maintenance, normal wear and tear and exposure to chemicals or solvents harmful to plastics.
- Loss of contents within the tub and canopy due to use, breakage during theft, leaving the canopy unlocked, lack of maintenance or miss-use of the product is the responsibility of the vehicle operator.

### Safety Warnings

- Do not drive with windows or doors open. All doors and lift up windows should remain closed and latched.
- Do not sit, rest, or stand on the canopy roof, or rest heavy objects on the roof without these being loaded on ARB genuine roof bars or racks system, purchased separately.
- Do not fit any roof bar or roof rack system other than ARB genuine accessories designed for this canopy.
- The canopy also must be fitted with genuine ARB internal frame system to support roof loads. These can be purchased separately.
- Do not use the vehicle's tub with a canopy fitted as a passenger compartment.
- Do not transport or store volatile materials such as solvents, chemicals or liquids, as fumes may cause damage inside the canopy, or cause fire, due to reduced ventilation.
- Do not fill fuel containers inside the canopy as static electricity can build up causing a fire.
- Do not allow solvents, chemicals bot acids and alkalis or oils to contact the canopy as damage can occur.
- Clean interior canopy surfaces with water and mild detergent.

### Maintenance Requirements

- At routine vehicle service schedules, screw torques as described in this fitting instruction should be checked. (Please ask the company that fitted your canopy for a copy of the fitting instructions).
- At routine vehicle service schedules, or as conditions dictate, lubricate the handle lock with Teflon spray e.g. SuperLube multipurpose Aerosol or 3-in-1 Professional Lock Lubricant or Isoflex Topas L32 grease. Latches and hinges may be serviced with Isoflex Topas L32 grease. Molybond 122 can be used on hinges. Do NOT use any other greases, oils or aerosols as failure may result voiding warranty.
- Ensure functional checks of the rear door, lift up windows, interior light are carried out at vehicle service schedules.
- To clean, only use quality car care mild detergents, waxes and polishes. Do not use abrasive compounds on painted surfaces unless conducting repairs. If paint repairs are undertaken only bake at 60oC. Use only paint systems that are suitable for ABS plastic.
- Buffing with waxes and polishes is permitted being careful not to produce heat above 60oC.
- Ensure gas struts are only ever connected with the cylinder end to the glass and the rod end to the canopy's window frames. Failure to do so will cause premature failure of gas struts.
- Clean gas strut rods with a damp cloth only when regularly cleaning the vehicle. Seal failure of the strut can occur if cleaned with solvents or greased or left uncleaned.

### Water Intrusion

- During rain the vehicle will leak through the unsealed sides of the tailgate.
- Under the presence of high pressure washing or automated laser car washes, water may leak into the vehicle's tub over the top of the canopy's rear corner tailgate sealing brackets and between the lower rear seal on the door and the tailgate cap.
- High pressure washing at the top of the sliding glass panel of side sliding windows under the fixed glass pane will cause water to enter inside. Some water may also enter through the lower drain holes in side sliding windows frames.
- The canopy is designed to be weatherproof in wet weather conditions.



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## SECTION 7: ARB FITMENT CHECKLIST (TO BE FILLED IN - RETAIN THIS RECORD).

To be completed by the installer and records kept at the dealer or fitter.

| ARB – Classic Canopy CLS81 Toyota Hilux 2026+ | | | |
|---|---|---|---|
| Dealer Name and code: | | Date: | |
| Vehicle registration: | | Vehicle Vin No: | |
| Vehicle make: | | | |
| Number of Kms: | | Order No: | |
| Canopy serial number: (left inside corner on canopy pillar on inside of ARB badge recess) | | Canopy window type (tick):<br><br>**Side window type:**<br>A - Double slider ☐<br>B - Lift up LH / Slider RH ☐<br>C - Lift up LH/ Lift up RH ☐<br>D - Lift up RH / Slider LH ☐<br>E - No side windows ☐<br>CA- Aluminium lift up sides RH&LH ☐ | |
| Canopy Key Serial No<br>(See code printed on keys) | A2_____ | Canopy Colour: | |

| Vehicle damage / condition check (details): | (Tick) |
|---|---|
| Vehicle tub sealing is done as per Section 3 of these instructions. | |
| **Check the gap between the front of the canopy and the cabin is <u>30mm or more</u> at the position as stated in the fitting instructions** | |
| **Check Door lower sash seal contacts the tailgate cap evenly and there is <u>not less than a 7mm gap between the lower edge of the glass and the top of the tailgate cap</u> all the way along it. The gap should look even all the way along the edge of the glass.** | |
| The rear door glass has even gaps down both sides of the frame and there is adequate clearance for the door to close | |
| All screw torques completed as detailed in the instructions – ! Important ! | |
| Door lower sash seal contacts the tailgate evenly without heavy force to close and seal | |
| Door and lift up windows function with both keys to turn to lock and unlock and rear door slams to lock and engage on strikers both sides | |
| Water test with high pressure hose has been completed around all windows and join to canopy bed and at the roof vent / roof racks / roof bars (if fitted) with no leaks other than through unsealed tailgate sides.(Note high pressure water directed right on the lower edge of the door will cause water to go up and over into the tailgate area- only spray water down from the middle of the door glass as if it was heavily raining) | |
| Interior light works when turned on manually. **Ensure the customer is aware this is a manual battery-operated interior light and that periodically batteries will need to be replaced.** | |
| Canopy keys added to customer's key ring. | |
| Serial number recorded on the owner's supplement pages and owner's manual supplement copy given to the customer and explained. | |
| Comments: | |
| Fitted by: | |
| Checked by: | |



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