



FITTING INSTRUCTIONS

DUAL CAB CENTRAL LOCKING CANOPY

Ascent Canopy AC19C – Toyota Tacoma (2024+ Vehicle Production Onwards)



FITTING KIT: 6178410

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

IMPORTANT:

- 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 4 people will be required to lift the canopy onto the vehicle**).



FITMENT:

- **TO ALLOW FITMENT OF ROOF LOAD CARRYING ACCESSORIES, A SEPARATE ACCESSORY FOR REINFORCEMENT OF THE VEHICLE'S TUB AND INTERNAL FRAMES MUST BE FITTED TO THE CANOPY. THIS ACCESSORY MAY BE FITTED AFTER FITTING THE CANOPY. REFER TO ARB PART NUMBER: 4123101**

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.

HAVE AVAILABLE THESE SAFETY ITEMS WHEN FITTING PRODUCT:

| | | | |
|--|---|--|---|
| <ul style="list-style-type: none">• Protective eyewear |  | <ul style="list-style-type: none">• 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:

| | |
|--|--|
| <ul style="list-style-type: none">• Orbital sander with 80 and 180 grit paper• Torque Wrench 0-25Nm• Sockets 10 & 13mm sockets• Socket extension bar and driver• Spanners, ratchet type, 10 and 13mm.• Tape measure.• Torx socket drive bits.• Electrical Tape• Silicone Caulking Gun• <u>Neutral cure</u> Clear Non-Acetic Silicon | <ul style="list-style-type: none">• Phillips head screwdrivers• Pencil• Flat blade screwdrivers• Side Cutters• Cleaning cloths / rags• Knife• Sharp Scissors• Masking tape. |
|--|--|

FITTING THE CANOPY IS UNDERTAKEN THE FOLLOWING STAGES:

1. Remove any sports bars, cabin guards and roll top tonneau covers.
2. Water sealing the tub and fitting the front tub mounting brackets
3. Fitting the rear tub mounting brackets.
4. Fitting canopy wiring.
5. Fitting the canopy to the vehicle
6. Operational checks and adjustment options for doors and windows.
7. Recording of key code and owner's manual supplement.
8. Check list and sign off.

SCREW TORQUES:

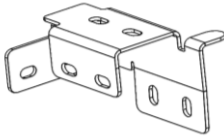
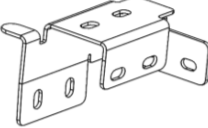
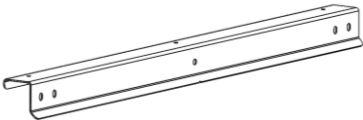

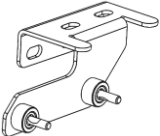
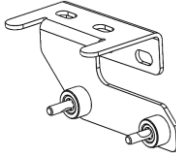




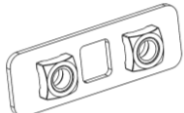
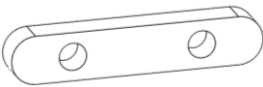

These must be adhered to avoid warranty issues and should be checked at vehicle service intervals. (*) only where specified.

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

REQUIRED SCREW TORQUES: M6=9Nm *M8=20Nm M10=22Nm

THE FITTING KIT CONTAINS:

Packed under the canopy:

| Kit No | Part No | Picture | Qty | Description |
|---|-----------|---|--------|--|
| 1). 6178410 MAIN CANOPY HARDWARE KIT | 667PD024R |  | 1 | BRACKET- RIGHT HAND - FRONT TUB CORNER MOUNT |
| | 667PD024L |  | 1 | BRACKET- LEFT HAND - FRONT TUB CORNER MOUNT |
| | 668AQ007 |  | 1 | BRACKET- FRONT HEAD RAIL ASSEMBLY - LOWER |
| | 668PD193 |  | 1 | BRACKET- FRONT HEAD RAIL - UPPER |
| | 667AQ011R |  | 1 | BRACKET – RIGHT HAND REAR TUB MOUNT BRACKET ASSEMBLY |
| | 667AQ011L |  | 1 | BRACKET – LEFT HAND REAR TUB MOUNT BRACKET ASSEMBLY |
| 2). 6178411 BAGGED KIT | 4581303 |  | 20 | FLAT WASHER- M8 x 25.4 OD x 3mm -BLACK |
| | 6151625 |  | 20 | TORX PAN HEAD SCREW – M8 x 1.25 x 25mm - BLACK (T40) |
| | 4584378 |  | 3 | FLAT WASHER- M6 x 16 x 1.2mm - BLACK |
| | 6151859 |  | 3 | TORX PAN HEAD SCREW - M6 x 16mm – BLACK (T30) |
| | 667AQ010 |  | 10 | BRACKET – M8 NUT PLATE |
| | 6253456 |  | 4 | BRACKET- PLATE SPACER |
| | 668PM005 |  | 1 PAIR | SEAL BRIDGE - FRONT TUB CORNER |

| | | | | |
|--|----------|---|----|---|
| | 665037 |  | 2 | CLEAR TAILGATE PROTECTION TAPE 30mm WIDE - ROLL |
| | 668PB018 |  | 1 | FOAM TAPE - 2 x 26 x 1650mm- ROLL |
| | 6821293 |  | 1 | CABLE TIE BASE |
| | 180302 |  | 10 | CABLE TIES – 200mm |
| | 665076 |  | 2 | BUMPON - STRIP OF 5 PIECES |
| | 665044 |  | 2 | PRIMER PENCIL STICK |
| | 6602018 |  | 6 | ALCOHOL WIPES |
| | 667PJ005 |  | 1 | ELECTRICAL LOOM – CANOPY TO CANDEC UNIT |
| | CANDEC |  | 1 | CAN BUS DECODER MODULE |
| | 3523050A |  | 1 | ELECTRICAL LOOM - CANBUS TO VEHICLE |

SECTION 1: REMOVAL OF SPORTS BARS, CABIN GUARDS AND ROLL TOP TONNEAU COVERS

- 1.1) Remove any sports bars, cabin guards or roll top tonneau covers fitted and return them to the customer if requested to do so.
- 1.2) Cargo Management System (CMS) side rail track and front tub accessory tie down rail hardware must remain on the car and **does not** need to be removed.

SECTION 2: WATER SEALING THE TUB & FRONT MOUNT BRACKET FITMENT



2.0) To allow the canopy water seal to the vehicle's tub, the embossed pattern on the plastic bed caps in the front tub corners near the cabin, needs to be sanded down to be smooth.

Place masking tape as shown against the external edges of the embossed pattern.

Sand the pattern down until smooth using 80 grit followed by 180 grit sand paper to finer finish.

Take Care not to overheat the plastic during sanding to cause distortion of the plastic bed rail caps.

After sanding, the finish should be smooth and neat.

Repeat on the opposite side of the vehicle.



2.1) Using an alcohol wipe (6602018), clean the areas of the bed caps where they were sanded and clean along the upper face of the front of the tub's wall.



2.2) Clean any plastic swarf dust away and clean the back cabin window on the vehicle.



2.3) Apply foam tape (668PB018) on the front tub wall's upper face aligning the start to press up against the inner tub side walls.

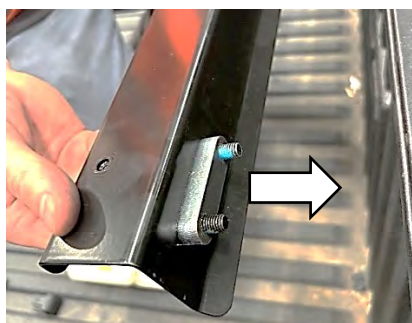


2.4) Apply to the other side and trim this to length, to press up to the inner tub's side rail wall.



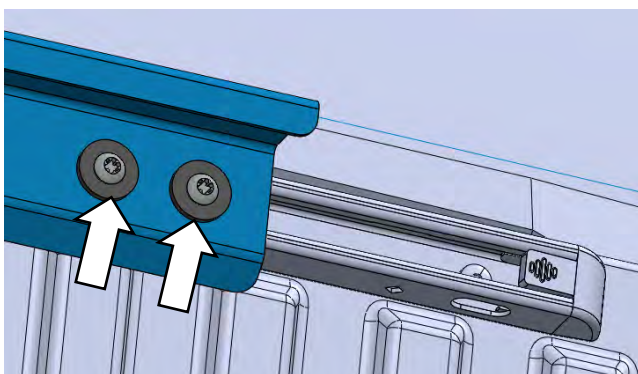
2.5) Remove the end caps from the front CMS Rail on the front wall of the tub.

2.6) Insert M8 nut plates (667AQ010) into each end of the rail with the nut side of the brackets against the tub wall's face.



2.7) Assemble the lower front header rail bracket assembly (667AQ007) with:

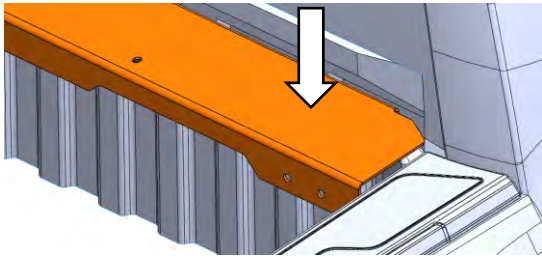
- At each end two spacer plates (6253456)
- Four flat washers M8 x 25.4 x 3mm (4581303)
- Four Torx head screws M8 x 25 (6151625)



2.8) Pass the bolts with washers from the inside of the bracket locating the spacer onto the bolts on each end of the bracket.

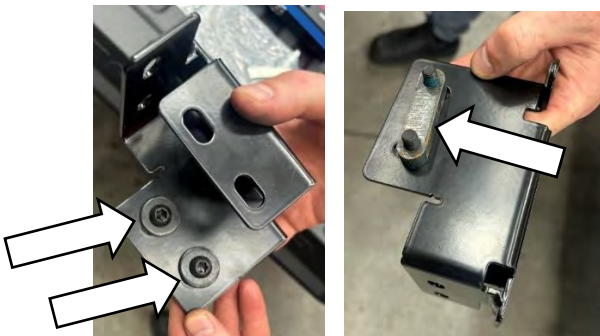
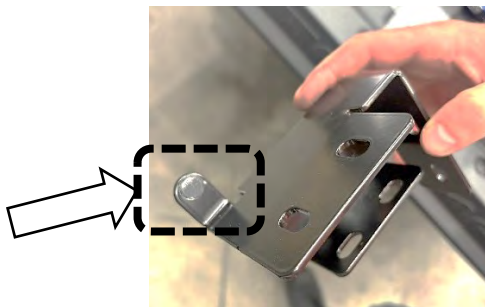
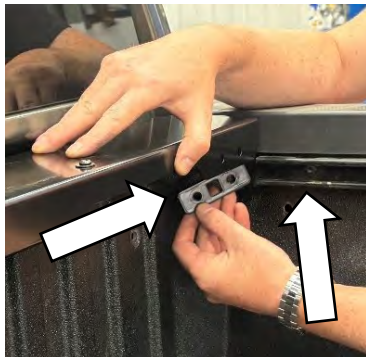
2.9) Align the screws to the nut plates that were slid inside the CMS rail at. Tighten them to a loose fit at each end.

2.10) Centralise the lower front header rail (667AQ007) to the tub. **Tighten the M8 screws to 20Nm.**



2.11) Place the upper front mount rail bracket (668PD193) down onto the front wall of the tub, so the front fold goes over the front edge of the tub between the tub and the cabin and the sides of it locate on the previously installed lower front header rail bracket assembly (668AQ007).

2.12) Insert three M6 x 16mm Torx head screws (6151859) with M6x16x1.2mm flat washers (4581082) down through the holes in the front mount rail and a screw them into the lower front header rail assembly. Ensure the upper front header rail is Central to the tub. **Tighten the M6 screws to 9Nm.**

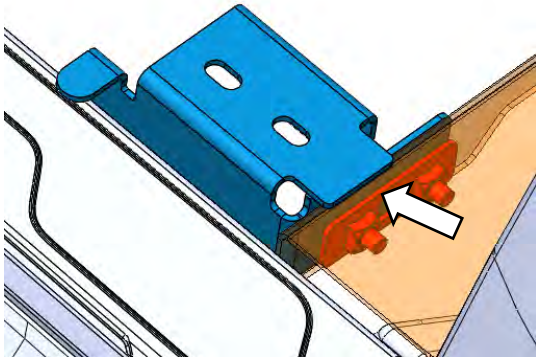
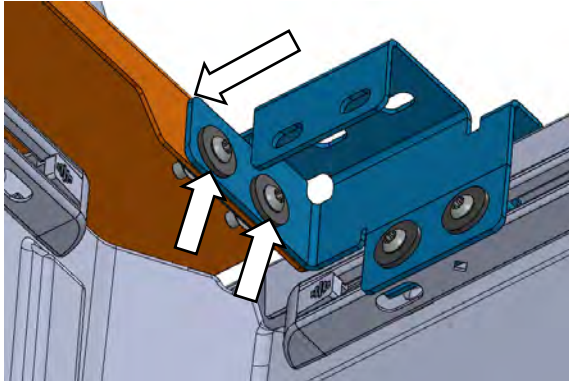


2.13) On the side of the tub remove the CMS side rail end cap. Insert M8 nut plate (667AQ010) into the front end of the rail with the nut side of the brackets against the tub wall's face. **Repeat on opposite side the vehicle.**

2.14) Assemble the front tub corner mounting brackets (667PD024R/L) with:

- Four Torx head screws M8 x 25 (6151625)
- Four flat washers M8 x 25.4 x 3mm (4581303)
- A bumpon (665076) on each bracket tab.

2.15) On the back of the screws on each bracket, add the spacer plate (6253456)



2.16) Place the respective front tub corner mounting brackets (667PD024R/L) up against the upper front header rail (668PD198) and thread the bolts into the nut plate in the side CMS rail to a **Loose fit.**

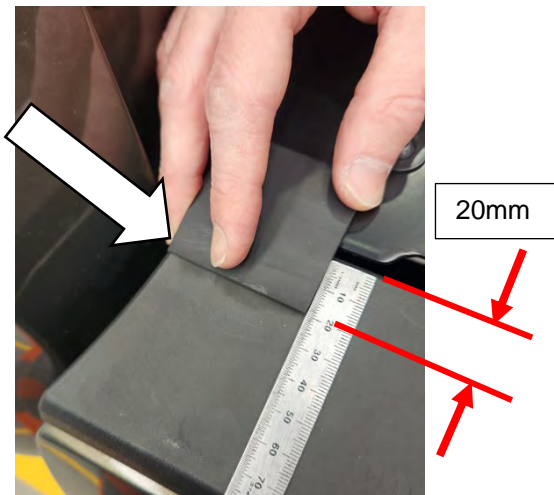
2.17) Push the tub corner mount brackets up to the upper front header rail. and assemble two Torx head screws M8 x 25 (6151625) with flat washers M8 x 25.4 x 3mm (4581303) through the two holes on the front face of the corner mount brackets through the header rail bracket (668PD193) and on the inside, behind the headed rail bracket, into an M8 nut plate (667AQ010) and tighten to a **Loose fit.**

2.18) Once assembled, **tighten the two screws to the front header rail to 20Nm** whilst ensuring the tab on the corner mount brackets with the bumpon is pushed down to engage the top of the tub. **Then tighten the side screws on the bracket to the side CMS mount rail of the tub to 20Nm.** Repeat on both sides of the vehicle.

2.19) Refit all previously removed end caps back into the front ends of the CMS side rails.



2.20) Clean front corner surfaces at the front of the tub and header rail (668PD193) with an alcohol wipe (6602018) and allow to dry.



2.21) Without removing the adhesive backing paper, locate the tub seal bridges (668PM005) at the front edge of the side of the tub, on the plastic bed caps and across to the front tub head rail bracket and overlap the bedrail cap by 20mm

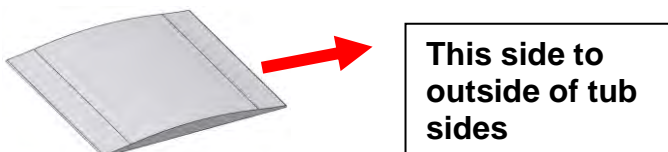
2.22) Mark around the seal bridge locations with a pencil and remove them.

2.23) Prime the area within the marked pencil line by squeezing at the dots on primer stick (665044) and allow to dry. Remove the adhesive backing paper from the seal bridges and adhere them with firm pressure on both front tub corners to the plastic bed caps and the front tub mount rail.



The ramp curved profile should go between the front header rail bracket and the side of the tub to act as a “bridge”.

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





2.24) Lift the front corners of the plastic bed caps on both sides of the tub and apply neutral cure non-acetic silicone under them to create a water seal.

2.25) Apply masking tape to the front corners of the bed caps to hold them down

2.26) Apply silicone under the tub seal bridges in the area between the front tub panel and the side tub panel gaps on both sides of the vehicle

2.27) On the inside corners of the tub apply silicon up into the front corners and along underneath the tub seal bridges.

2.28) Clean the front tub corners to make the silicone smooth and neat and remove the masking tape.



2.29) On the outside on both sides of the tub, clean along the outer faces of the bed rail caps with an alcohol wipe (6602018) and then prime them using the primer stick (665044) along the angled face of the plastic part for the length of the tub on both sides.

2.30) Apply one roll of clear tape (665037) per side of the vehicle, at the junction between the bed cap and the painted tub sheet metal. Align the centre of the tape to the junction between them.

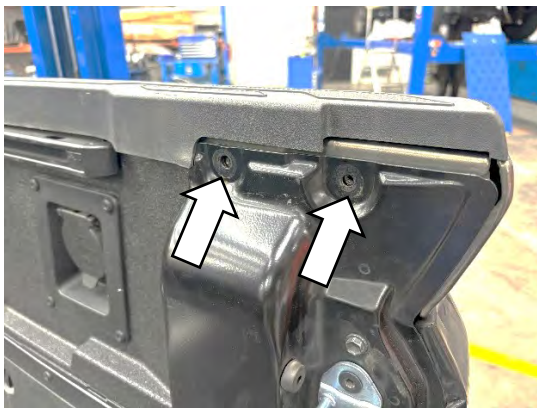
Run the roll out to finish near the rear corners of the tub.

Apply pressure along the tape and into the seam to gain good adhesion into the joint.

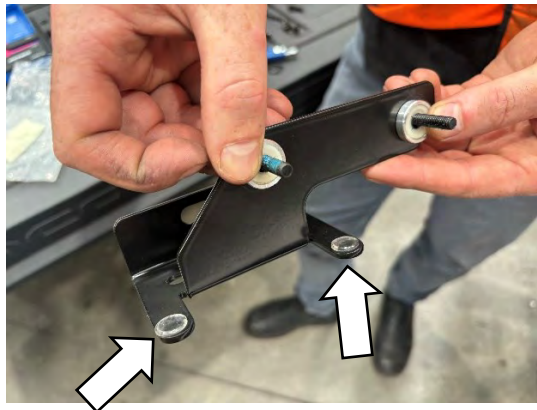


- 2.31) At the front tub corners, apply silicon along the leading vertical edge of the clear tape to aid in sealing and clean off the excess.

SECTION 3: FITTING THE REAR CANOPY'S TUB MOUNTING BRACKET SYSTEM



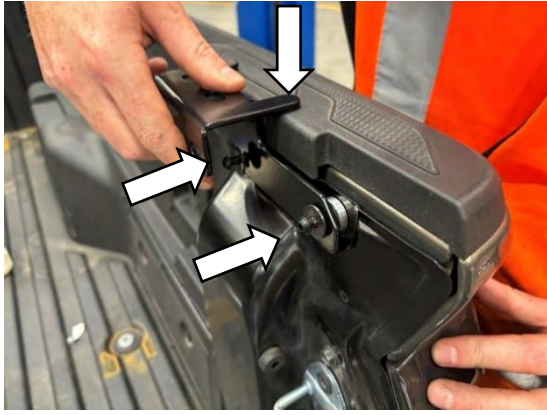
- 3.0) Remove the two OE upper rear M6 bolts on both sides of the tub.



- 3.1) Add two bumpons (665076) to the two underside of the tags on each of the rear tub mount bracket assemblies (667AQ011R&L)



- 3.2) Fit the assembled rear tub mounting brackets (667AQ011R&L) to the vehicle's tub locating the threads of the already assembled bolts on the brackets into the threaded holes in the rear of the side of the tub.



3.3) Whilst pressing down on the brackets so the bumpons are touching the upper surface of the tub, tighten the M6 screws using a T30 Torx driver **to 9Nm.**

SECTION 4: FITTING THE CANOPY WIRING LOOM



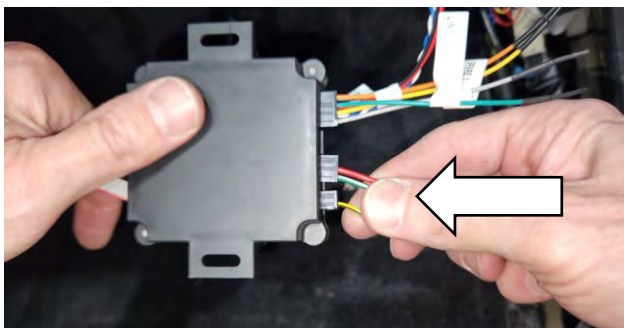
4.0) Connect the electrical loom “Candec to vehicle” (3523050A) as per its own fitting instruction in the loom kit and leave all panels removed to aid loom fitment.

4.1) Fit the ARB Can bus decoder module (CANDEC) as per it’s own fitting instruction to the vehicle adaptor loom (3523050A). Instructions can be also found scanning the QR code below

ARB CAN Connect



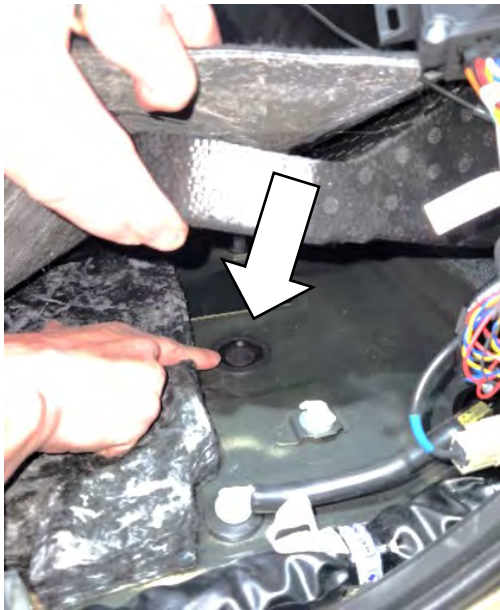
Scan for more information



4.2) Fit the corresponding connectors from the electrical loom “canopy to Candec unit” (667PJ005) to the CANDEC unit and the earth loop to the chassis (top picture)



4.3) Using a flat blade screwdriver undo the retention clips holding the floor carpet down in the front foot well.



4.4) Lift the floor carpet and the foam heel pad to gain access to the rubber grommet in the foot well remove grommet.



4.5) Feed the 4-pin connector on the canopy harness (667PJ005) down through the hole and under the vehicle.
Push the grommet on the harness into the hole and ensure it seats to seal in the floor pan.



- 4.6) Route the canopy harness (667PJ005) rearward along the right-hand chassis rail. Cable tie it to the mounting bracket supporting the vehicle's brake lines.

DO NOT Cable tie to the brake lines.



- 4.7) Running rearward, cable tie the harness to the earth loom on the vehicle.



- 4.8) Cross the harness from right to left of the vehicle above the tail shaft and tie off with two cable ties above the tail shaft to the body structure above it to ensure clearance.



4.9) Run the harness behind the exhaust heat shielding and over to the left-hand chassis rail. Add a cable tie to secure it to the vehicle's loom in this position.



4.10) Cable tie the harness to the vehicle's loom above the body support bracket.

4.11) Refit all scuff plates and kick panels inside the vehicle's cabin previously removed.

SECTION 5: FITTING THE CANOPY TO THE VEHICLE



- 5.0) After unpacking the canopy, clean the front window of the canopy on the outside.
- 5.1) Clean the rear window of the vehicle's cabin.



- 5.2) Cut the cable tie holding the wiring harness to the window frame bracket inside the front corner of the canopy. Tape the harness over the front left-hand corner of the canopy.

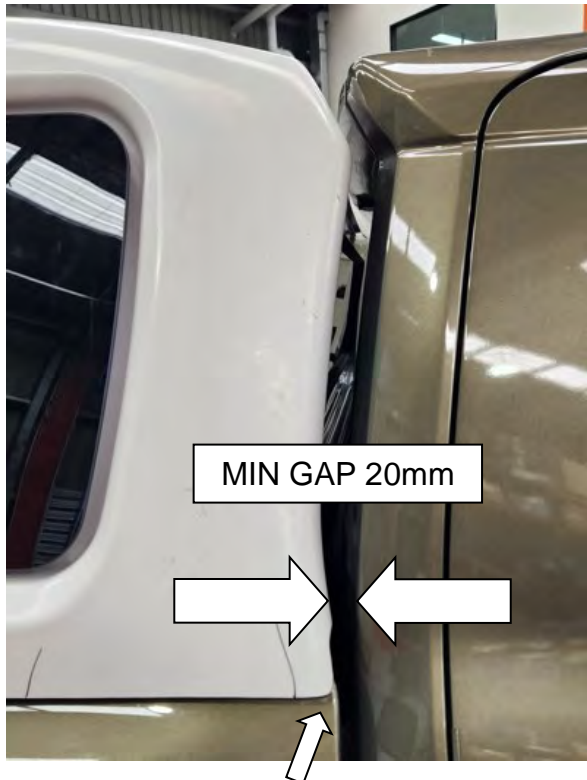


- 5.3) Ensure the Tailgate of the vehicle is closed
- 5.4) Ensuring the canopy's rear door is closed and **USING 4 PEOPLE**, lift the canopy from the pallet and place it carefully on the vehicle's tub.

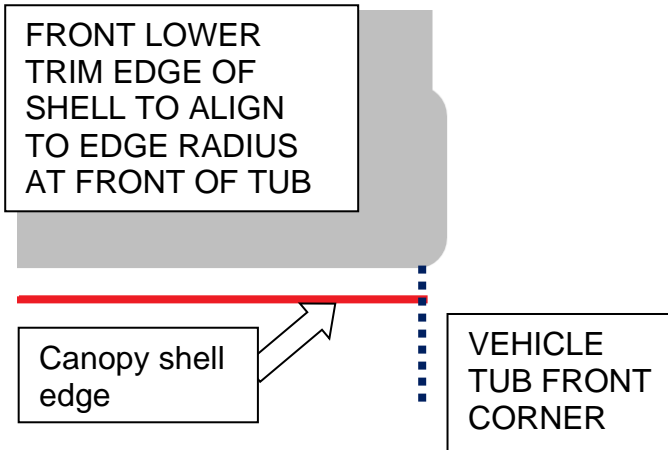
Take care not to dislodge the foam weather seal around the inside edge of the canopy shell.

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

When re-positioning the canopy, lift the canopy to avoid dislodging the weather seal underneath.



TOP VIEW OF FRONT CORNER OF CANOPY ON VEHICLE:



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.

Check minimum gap from canopy front pillars and cabin is 20mm minimum at the closest point of the pillar to the vehicle's cabin.

Check the front lower corners of the canopy are aligned to the beginning of the edge radius at the front of the tub.

Measure the trim edges of the canopy at both the front and rear sides, to the vehicle's tub.
This measurement should be even on both sides of the canopy.



Check the gap of the canopy shell's rear trim edge corners to the tub. It should be even on both sides of the canopy.

!! IMPORTANT !! The gap between the rear pillar corner piece should be 7mm or more and even both sides

If there are issues with the rear door operation being uneven on each side, refer to Section 6.

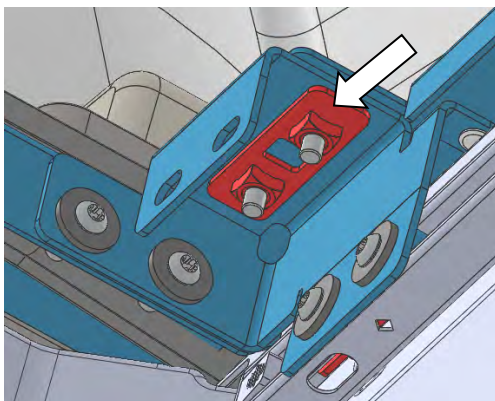
Check the canopy for uniform and balanced fit to the tub and cabin.

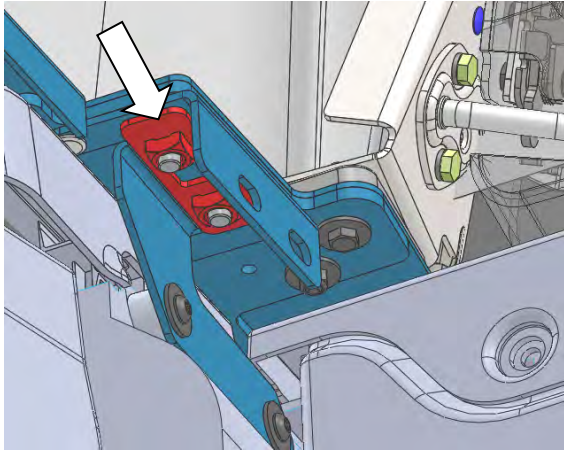
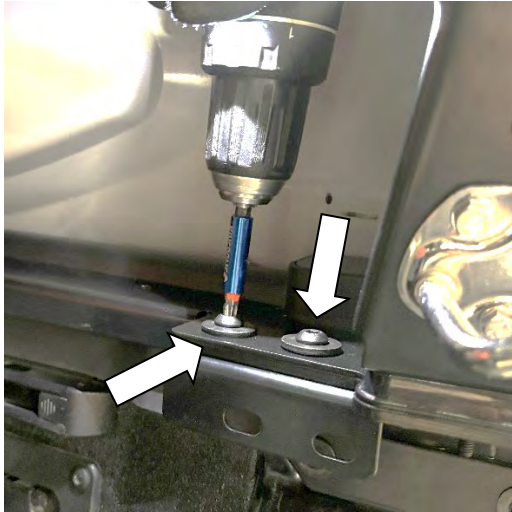
- The canopy is central on the tub.
- Alignment between cab and canopy is even both sides
- The rear door seals against the tailgate evenly both sides without excessive force on glass to close.
- The gap is even between the door and shell on both sides.



- 5.5) Assemble two M8 x 25mm T40 Torx head screws (6151625) with M8 x 25.4 x 3mm flat washers (4581303) down through the front corners of side base rails of the canopy, through the front tub corner mounting brackets (667PD024R&L). On the underside locate an M8 Nut plate (667AQ010) to screw the screws into
Tighten M8 screws to 20 Nm.

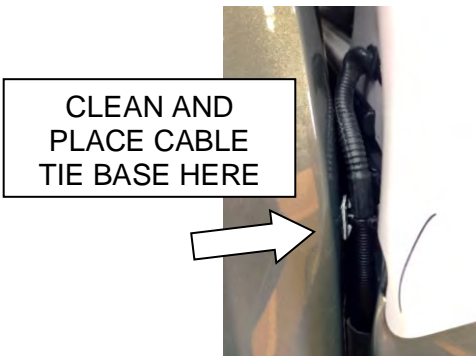
Repeat for opposite side





- 5.6) Assemble two M8 x 25mm T40 Torx head screws (6151625) with M8 x 25.4 x 3mm flat washers (4581303) down through the rear corners of side base rails of the canopy, through the rear tub mounting brackets (667AQ011R&L). On the underside locate an M8 Nut plate (667AQ010) to screw the screws into
Tighten M8 screws to 20 Nm.

Repeat for opposite side

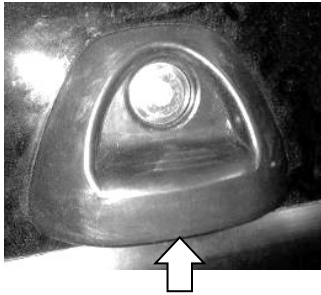


- 5.7) Cable tie the (6821293) cable tie base to the canopy loom at the front left-hand outer corner of the canopy, in the location shown (below the lower end of the tube of the rubber grommet) tight enough, to not allow it to fall down the loom and in the orientation shown.
- 5.8) With an alcohol wipe (6602018), reach between the tub and cabin on left hand side, clean an area on back of the cabin where the cable tie base will be fitted.
- 5.9) Peel the protection film off the cable tie base and drop the canopy loom down between the cabin and tub.
- 5.10) Reaching between the cabin and the tub, press the cable tie base firmly onto the cabin and ensure it has adhered.



5.11) Connect the canopy wiring connector to the end connector of the canopy vehicle wiring harness fitted to the vehicle (667PJ005), in the plenum above the Left-hand chassis rail forwards of the tub under the cabin.

5.12) Cable tie the remaining harness up in the cavity and tie it off to the vehicle's main wiring loom. **Avoid stress on wiring at the back of connectors.**



Press the button underneath to check the door releases on the actuator and the pressure is not too high to stop it unlatching.

5.13) **Press the key fob of the car to the UNLOCK POSITION TWICE.**

5.14) Press the canopy's door push button switch and check the door opens and the actuator functions to unlock the canopy door.

5.15) 2 people are required for this step. Check the gap on the rear door on the sides of the glass is even to the canopy shell. This can be made even by loosening and tightening the rear mounting bolts whilst pushing in or out the canopy shell rear pillars.



5.16) It may be necessary to adjust the canopy backwards to reduce the pressure on the lower door seal and actuator mechanism. This will allow the door to open properly and evenly both sides.

Refer to Section 6 of these instructions for adjustment tips including pull rod adjustment of the rotary latches on the door.



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

5.18) **Ensure Section 6 and 7 are discussed with the customer with copies given to the customer. The last page is to be retained by ARB or dealer fitting the canopy for their records.**

SECTION 6: OPERATIONAL CHECKS AND ADJUSTMENT OF DOORS AND WINDOWS



6.0) Move the interior light switch to the position II where it will turn off when the door is closed and turn on when the door is opened.



6.1) Depress the vehicle's brake pedal and have a second person check that the brake light in the spoiler works.



6.2) Remove the key from the rear door handle and combine this with the key taped inside the canopy. The 2 keys should then be added to the customer's key ring.
!! IMPORTANT !! Check BOTH keys work manually in the rear door lock.

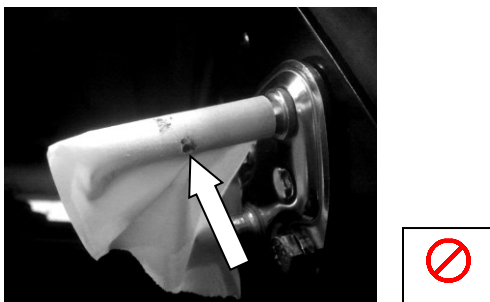
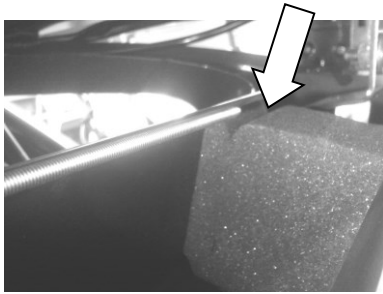
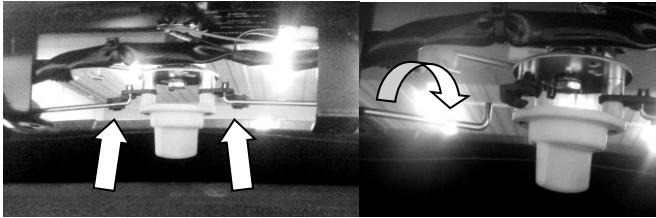


Press the button underneath to operate electric door actuator mechanism.



6.3) Operate the door push button switch to open and close the door. **If one side opens before the other, the lock mechanism can be adjusted so that both sides of the door open simultaneously if the following is done:**

- Open the door. Remove the 4 scrivenets retaining the lower section of the door interior cover using a flat blade screw driver under the head. Slightly pry the door cover down away from the glass.
- Close both of the latch pawls on the sides of the door glass with your fingers. Slowly turn the interior door release handle and listen to hear if both latches click open at the same time with the door cover pushed back up to the glass whilst ensuring the latch rods are located into the foam blocks on the door cover.

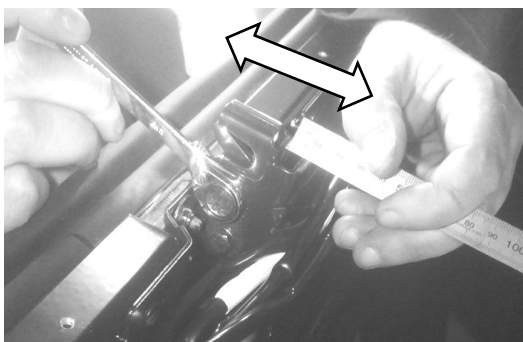
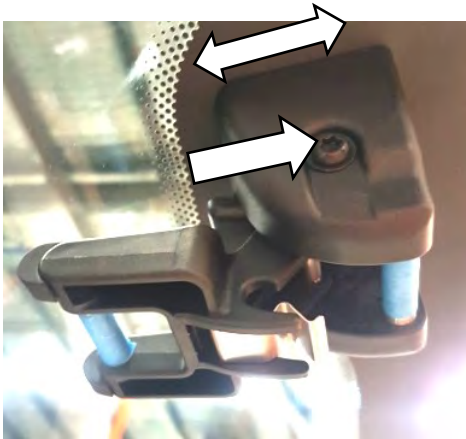
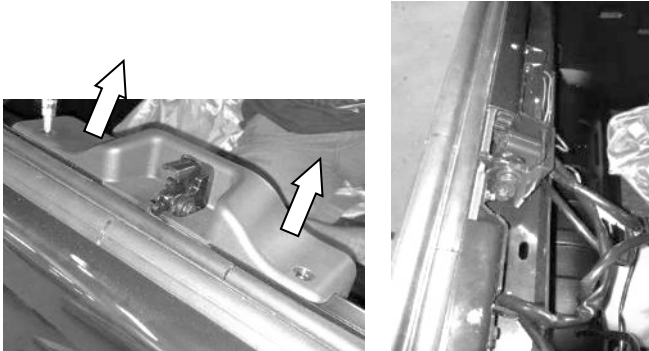


- If the latches do not operate simultaneously, locate the black plastic clips on each end of the pull rods to the latches, unclip a pull rod, lengthen or shorten it by winding it in/out and re-clip in. Close the latches with your fingers again and test operation via the interior rear door handle to operate simultaneously.
- Once satisfied, refit the door cover lower portion with the scrivets, but ensure to guide the pull rods into slits in the foam blocks on the door cover at both ends.

If the latches can be seen to bind on the door frame strikers, it may be necessary to adjust the door frame strikers.

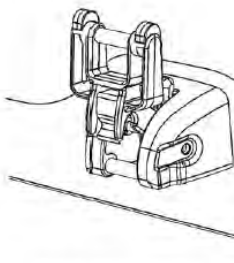
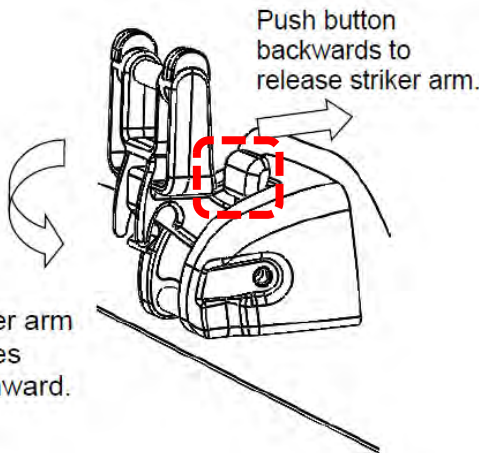
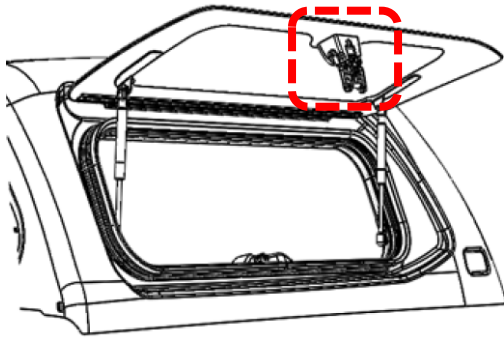
Do this by the following:

- Place one thickness of masking tape around the striker bar where the latches contact. Open and close the door. If the tape shown signs of wear through on the top side or underneath of the striker bar, it is necessary to adjust the striker away from the side on which the wear is shown. **The aim is only to have wear on the outward face of the striker bar.**
- Undo the M6 screws slightly on the strikers and adjust their position slightly. **Re-torque screws to 9Nm.**
- Test the door again and adjust via the above methods until satisfied.

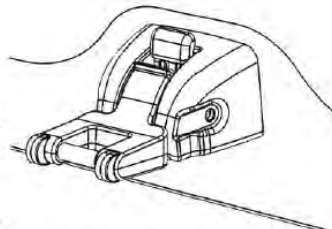


6.4) Operate the push button switch on side lift-up windows. If the windows will not latch properly, and the solenoid can be heard working, the latch can be adjusted in the following steps.

- Remove the rotary latch cover on the window frame.
- Operate the window with a person outside pushing the button and closing the window slowly. Look to see the striker bar on the glass does not scuff the leg on the rotary latch pawl as the window closes. The striker bar should close into the middle of pawl slot on the rotary latch on the frame. Place one thickness of masking tape around the striker bar where the latch contacts. Open and close the window. If the tape shows signs of wear through on the top or underside of the striker bar, it is necessary to adjust the striker away from the side on which the wear is shown. **The aim is only to have wear on the outward side of the striker bar not above or below in closed position.**
- Two M6 Torx screws can be undone with T30 bit and **re-tightened to 7Nm** on the glass mounted striker on either side to move the position of the striker up and down on the glass.
- The rotary latch on the window frame provides window in/out adjustment. Measure the distance between the back of the rotary latch and its mounting bracket and take note of it (9mm). Loosen the bolts through the latch and move the latch out 1mm at a time and **re-tighten to 9Nm** and test the window until it opens and closes and seals satisfactorily.
- Refit the cover over the latch mechanism and ensure wiring inside is coiled up neatly and cannot interfere with the latch mechanism.



Striker in (up) window closed position.



Striker in (down) window open position. (Vented window)

6.5) The lift up side windows incorporate a catch design that allows two positions of operation.

With the striker arm up, the window will fully close to seal. With the striker arm down, the window may be locked in a partially open, air vented position, to allow air flow inside the canopy for pets.

To configure the striker into the partially open (window vented position), push the release button backwards on the catch, and rotate latch arm down until it locks into open position (vented window).

To fold the arm up and close the window, simply push latch arm upwards until arm “clicks” into the up position.

Do not close the window unless the striker latch arm is locked in either up or down positions.

If latch arm is not locked in position during closing of the window, it could cause damage to the striker and / or the rotary latch mechanism.



SECTION 7: OWNERS MANUAL SUPPLEMENT (Fill in and give to customer).

ARB - Ascent Canopy AC19C Toyota Tacoma 2024+

KEY CODE (Write it in boxes opposite)
(As is found on key bag or on canopy serial number label inside the canopy on the badge recess on the rear pillar)

| | | | | |
|---|--|--|--|--|
| L | | | | |
|---|--|--|--|--|

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 mis-use of the product is the responsibility of the vehicle operator.
- Normal wear and tear from the vehicle’s operation with the canopy can occur and paint rub result on the canopy or the tub over time. It is recommended that the customer observes wear on tailgate protection tape and periodically replaces it.

Safety Warnings

- **The canopy will only unlock on the remote key fob when the unlock button is pressed twice if the program setting on the vehicle’s console is not set to “unlock all doors”.**
- Do not drive with windows or doors open, other than on the latch position for providing a vented side lift up window. 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 systems.
- Do not fit any roof bar or roof rack system other than ARB genuine accessories designed for this canopy.
- 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 or oils to contact the canopy as damage can occur. Clean interior canopy surfaces with water and mild detergent.
- Do not depress lift up window or rear door push button switches for a period of time other than to function their operation. Do not operate them simultaneously, as damage may result. Overload switches on locking systems should reset after 30 seconds.

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. Vaseline may be used sparingly on rotary latches. Molybond 122 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 3 way switch on door opening and brake 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.
- 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.

**SECTION 8: 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 - Ascent Canopy AC19C Toyota Tacoma 2024+ | | | |
|---|---------|-----------------|--------|
| 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 Key Serial No (Printed on bag stating with letter L) | L _____ | Canopy Colour: | |
| Vehicle damage / condition check (details): | | | (Tick) |
| Vehicle tub sealing is done as per Section 1&2 of these instructions. | | | |
| Check the gap between the front of the canopy and the cabin is <u>20mm or more</u> at its tightest point. | | | |
| Check the gap between the lower edge of the door glass is consistent left to right and there is not excessive pre-load of the door glass lower edge to the tailgate or door lower seal. | | | |
| All screw torques completed as detailed in the instructions – ! Important ! | | | |
| Rear door gaps down the sides are aligned to canopy shell, and door latches both sides simultaneously on closing and releases simultaneously on opening. (See Section 5,6) | | | |
| Key fob once pressed, unlocks the canopy. If this only works when twice pressed- change program setting on the vehicle’s console settings menu to “unlock all doors” to allow activation of the remote lock system to unlock on the key fob with only one press of the button. | | | |
| Door rear door push button switch functions to open the door both sides simultaneously. | | | |
| Check the canopy rear door will electrically unlatch from the closed position to allow the electrically operated tailgate on the vehicle to lower, if the OEM switches on the sides of the tub are pressed | | | |
| Door functions with both keys to turn to open as a manual electrical failsafe. | | | |
| 3-way position interior light switch is set to come on with door open. | | | |
| Lift up windows operate via push button to unlatch to open and will close and latch manually. | | | |
| Lift up windows latch arm when opened on the striker will latch and unlatch from the window frame when the push buttons are operated to open and will close and latch manually, to lock in the partially ajar vented window position. | | | |
| The roof vent functions and water seals. | | | |
| Water test with high pressure hose (to simulate tropical rain fall) has been completed around all windows and join to canopy bed and at the roof vent with no leaks other than through unsealed tailgate sides. | | | |
| Spoiler rear brake light operates when brake pedal is pressed. | | | |
| 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: | | | |