

MITSUBISHI TRITON 2024+ & NISSAN NAVARA 2026+ DUAL CAB CLASSIC CANOPY INTERNAL FRAMES

KIT PART NO. 4146060

KIT CONTAINS:

USE	PART No	QTY	DESCRIPTION
1. INTERNAL FRAME ASSEMBLY FRONT	6131685	1	FRONT FRAME ASSEMBLY (WIDER FRAME)
	6582434	2	CLAMP FRAME 35
	6582546R	1	BRACKET FRONT RH LOWER
	6582546L	1	BRACKET FRONT LH LOWER
	6151213	8	6MM X 20MM BOLTS BZ
	4581082	8	6MM WASHER FLAT BZ
	6151173	8	6MM NUT FLANGE BZ
	6151546	4	8MM X 25MM BOLT BZ
	4581085	8	8MM WASHER FLAT BZ
	6151212	4	8MM NUT NEX NYLOC
	6151342	2	SCREW SELF TAPPER 14G BZ
	4581018	2	WASHER SPACER M14 X 23.5 X 5 ZP
	665014	2	SEAL
	2. INTERNAL FRAME ASSEMBLY REAR	6136735	1
6582434		2	CLAMP FRAME 35
6582547R		1	BRACKET FRONT RH LOWER
6582547L		1	BRACKET FRONT LH LOWER
6151213		8	6MM X 20MM BOLTS BZ
4581082		8	6MM WASHER FLAT BZ
6151173		8	6MM NUT FLANGE BZ
6151546		4	8MM X 25MM BOLT BZ
4581085		8	8MM WASHER FLAT BZ
6151212		4	8MM NUT NEX NYLOC
6151342		2	SCREW SELF TAPPER 14G BZ
4581018		2	WASHER SPACER M14 X 23.5 X 5 ZP
665014		2	SEAL
2125583		1	LABEL ROOF RACK 100kg
3. FASTENERS FOR ROOF BAR MOUNT	6151321	4	NUT FLANGED M10 ZP
	6151846	4	BOLT M10 X 1.5 X 40MM ZP
	4581040	4	WASHER FLAT M10 X 25 X 3MM ZP



IMPORTANT

These vehicle accessories must be fitted correctly; failure to do so may cause them to not perform to design specifications and become potentially dangerous. Please read these instructions, carefully prior to fitting, and always comply with the instructions. If in any doubt please contact your nearest ARB state office or the stockist from whom it was purchased.

CUSTOMER INFORMATION – SAFETY- IMPORTANT:

- It is advisable to have the canopy internal frames fitted by an authorised dealer.
- Always load roof racks and roof bars in accordance with their provided specifications.
- This product is only to be used on ARB Classic Canopies or Classic Plus Canopies.
- **This product is rated to a net payload of 100kg, on ARB racks or pair of ARB roof bars for off road driving conditions and 380Kg static payload whilst not driving evenly distributed weight.**
- Roof payload must be evenly distributed over the loading area, with the centre of gravity kept as low as possible. Narrow and heavy load should be kept close to the mounting feet.
- Always observe local safety laws for long/overhanging loads.
- Always tie down loads with quality straps. Check and retighten loads during the journey. Elastic straps are not suitable for securing loads
- Large objects such as surfboards should preferably stacked, instead of laid side by side. This reduces the aerodynamic lifting force. They should be strapped both front and rear.
- For carrying special items such as bicycles, skis and kayaks, specially designed carriers are recommended to be used.
- Loaded roof rack systems will affect the vehicles cross wind sensitivity, cornering, and braking characteristics. Driving techniques should be altered to suit by reducing corner speed and increasing braking distance.
- Do not make any modifications to interior frame brackets such as drilling or bending.
- ARB recommends only fitting ARB approved accessories, designed for your canopy and frame system.
- Do not use internal frame bracket systems as hanging points or tie down points for loads.
- Do not allow solvents, chemicals, or oils to contact the canopy or internal frames, as damage can occur. Clean interior canopy surfaces with water and mild detergent.
- The ARB Classic Canopy Blade Brackets for Base Rack and Trade Racks as well as ARB Roof bar pedestal mount bracket kits must be fitted with Classic Canopy Internal Frames to attain 100kg payload rating.

HAVE AVAILABLE THESE SAFETY ITEMS WHEN FITTING PRODUCT:

Protective eyewear		Hearing protection	
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WARNING SYMBOLS IN THE FITTING PROCEDURE RELATE TO OHS SITUATIONS, WHERE TO AVOID A POTENTIALLY HAZARDOUS SITUATION. IT IS SUGGESTED THAT PROTECTIVE SAFETY GEAR BE WORN OR A SAFE WORK PROCEDURE BE EMPLOYED

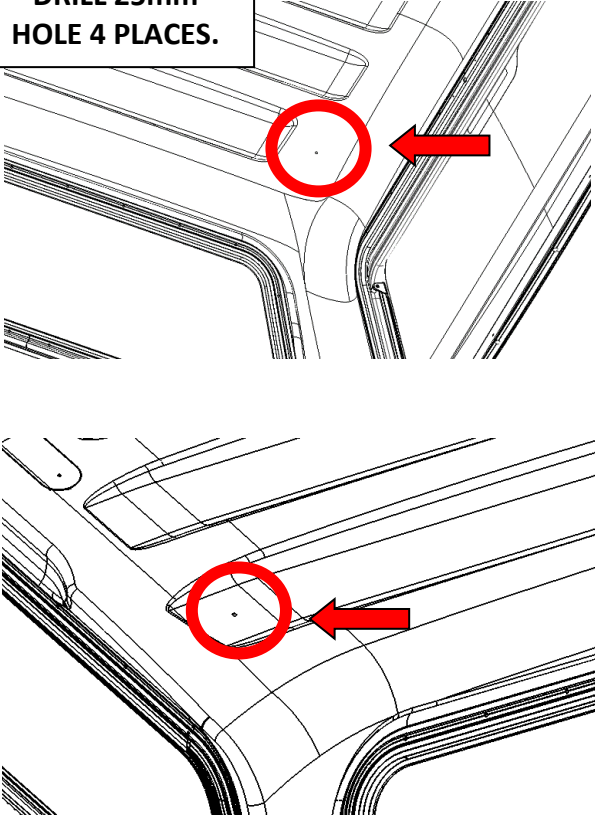


TOOLS REQUIRED:

Basic tool kit	Drill	Neutral cure silicone
Dia. 25mm hole saw	8mm (5/16") A/F Tek screw driver bit	


FASTENER TORQUE SETTINGS TO BE APPLIED:

SIZE	Torque Nm
M6	9Nm
M8	20Nm
M10	44Nm

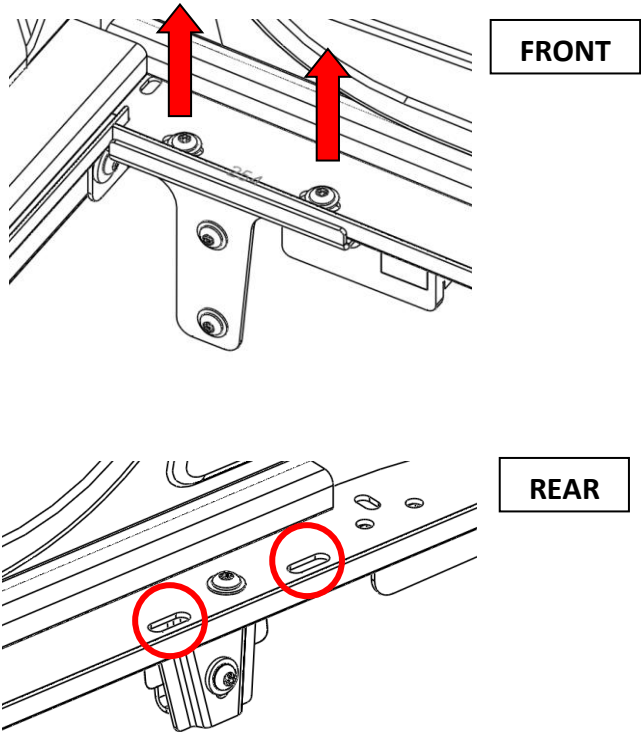
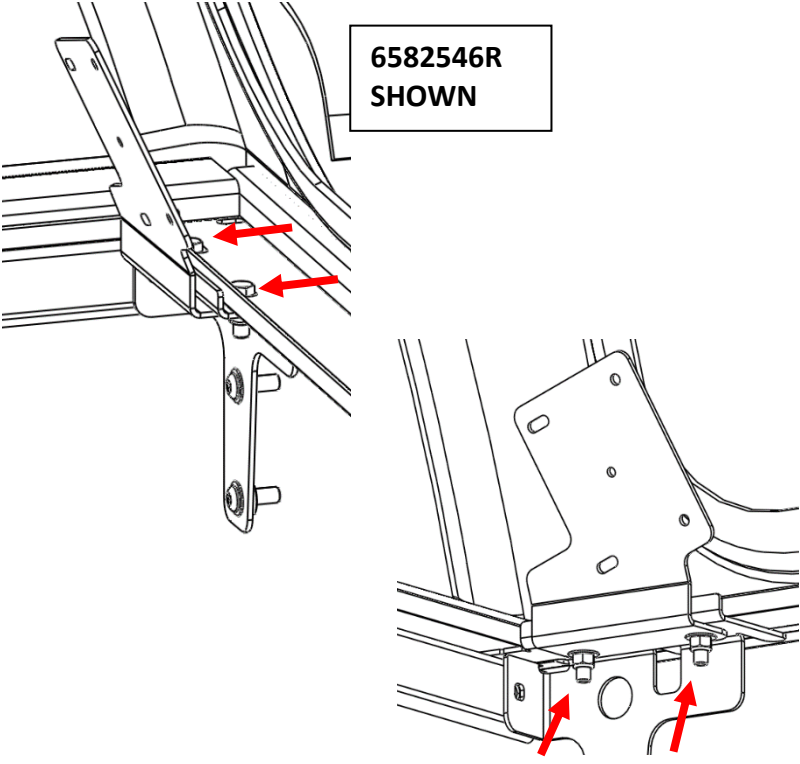
1) MOUNTING POINTS FOR ROOF BARS / ROOF RACKS

<p>DRILL 25mm HOLE 4 PLACES.</p> 	<p>1.1) Locate the 4 moulded in roof dimples at the front and inside the canopy shell on the roof. Using a 25mm hole saw cut holes through the shell from the inside using the dimples as a hole start guide.</p> <p> </p> <p>1.2) Deburr the holes and clean away swarf.</p>
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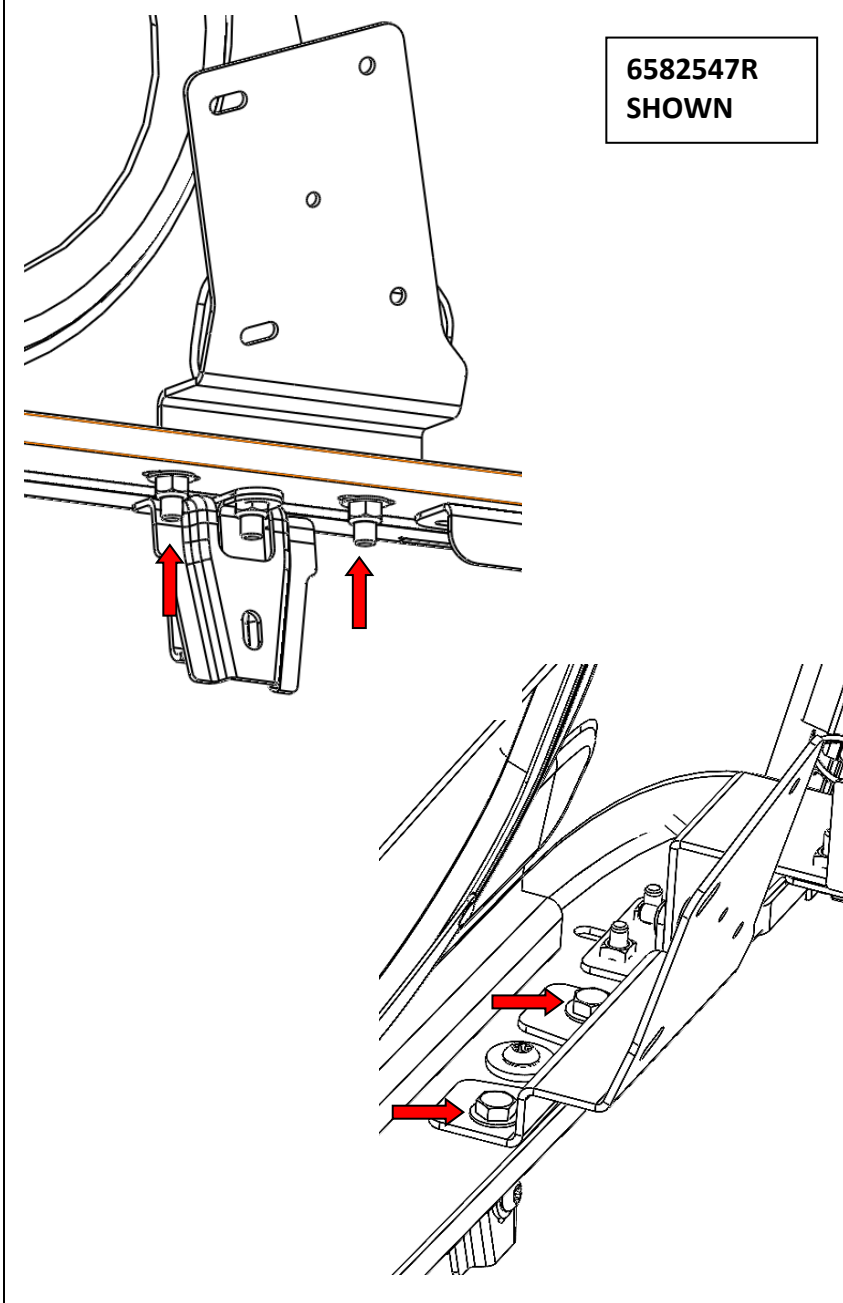
2) PRE-ASSEMBLY

	<p>2.0) Fit seal (665014) to the brackets welded to the internal frames as shown. (4 places)</p>
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3.0) POSITIONING CLAMP BRACKETS

 <p>FRONT</p> <p>REAR</p>	<p>3.0) Inside the canopy, go to the front corners. Undo the front M8 bolts as shown, x2 in the top of each front corner. Discard M8 bolts and M8 washers.</p> <p>3.1) At rear of the vehicle, there are no bolts to remove. Note, slots for mounting rear internal frame, 2pls.</p>
 <p>6582546R SHOWN</p>	<p>3.2) Loosely fit the front brackets (6582546R&L) in position as shown.</p> <p>Using x4, M8 Washers x2, M8 Nyloc Nuts x2, M8x25 Bolts.</p> <p>3.3) Loosely Tighten bolts both sides.</p>

6582547R
SHOWN

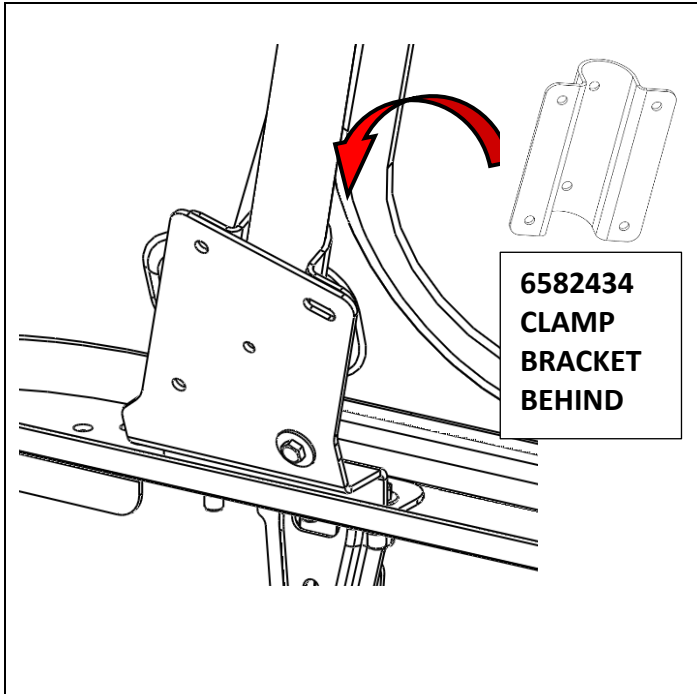


3.4) Loosely fit the rear brackets (6582547R&L) in position as shown,

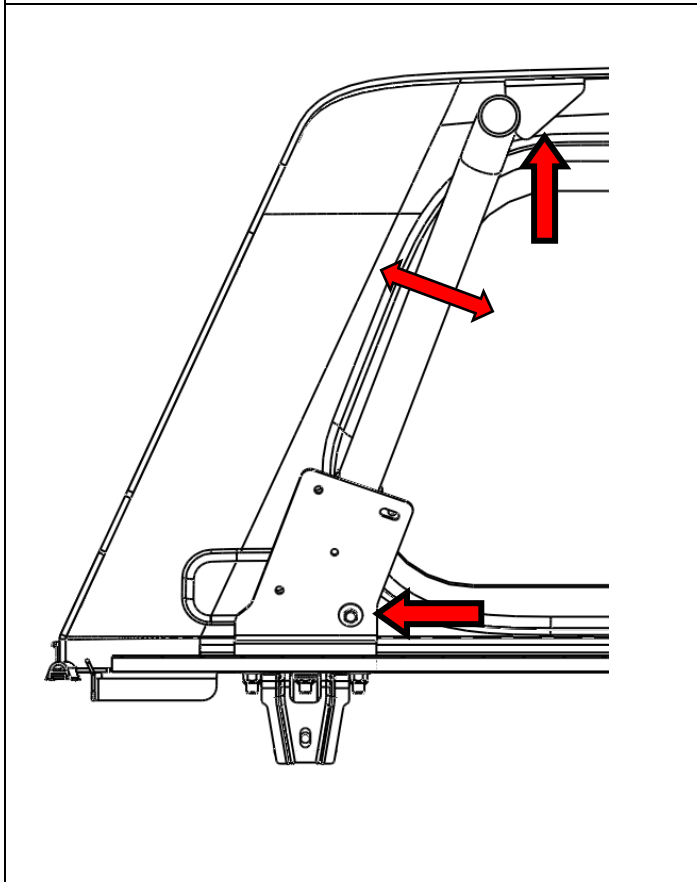
Using
X4, M8 Washers
X2, M8 Nyloc Nuts
X2, M8x25 Bolts.

3.5) Loosely tighten bolts both sides.

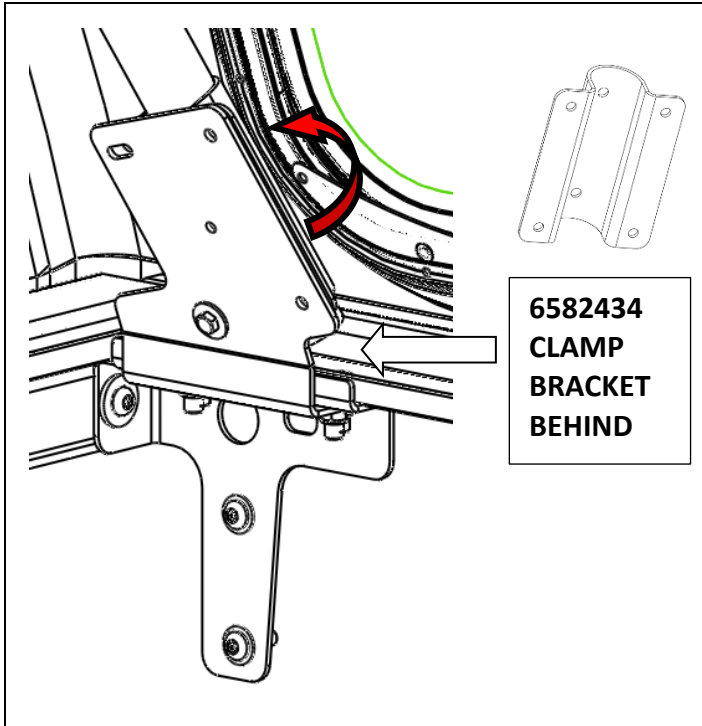
4.0) POSITIONING THE REAR INTERNAL FRAME



- 4.0) Fit on clamp bracket (6582434) behind rear brackets (6582547R&L) along with rear frame (6136735) slotted between the clamp bracket and the rear bracket and fit to one lower inner corner per side:
- M6 Bolt
 - M6 Flat washer
 - M6 flange nut (on inside)
- 4.1) Tighten bolts finger tight and repeat on alternate side.
- 4.2) Tilt clamp bracket forward.
- 4.3) Slide in the rear frame between the clamp bracket and the rear mount bracket.



5.0) POSITIONING THE FRONT INTERNAL FRAME



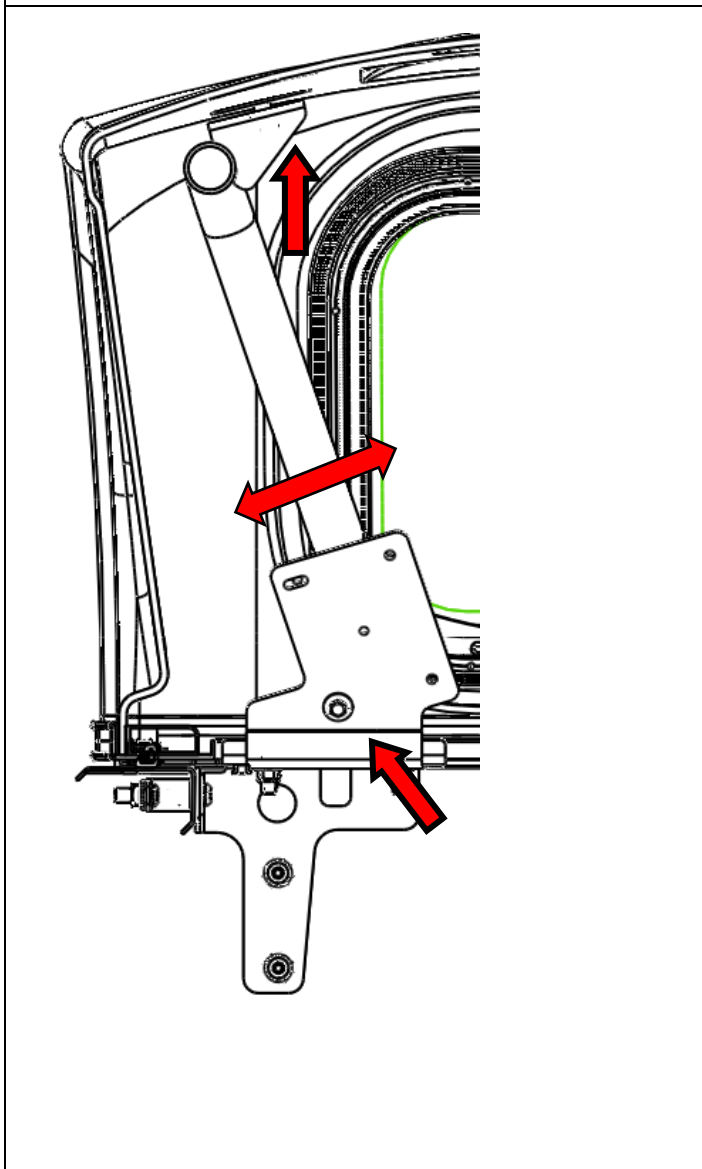
5.0) Fit on clamp bracket (6582434) behind front brackets (6582546R&L) along with front frame (6131685) slotted between the clamp bracket and the rear bracket and fit to one lower inner front corner per side:

- M6 Bolt
- M6 Flat washer
- M6 flange nut (on inside)

5.1) Tighten bolts finger tight and repeat on alternate side.

5.2) Tilt clamp bracket forward.

5.3) Slide in the front frame between the clamp bracket and the front mount bracket.

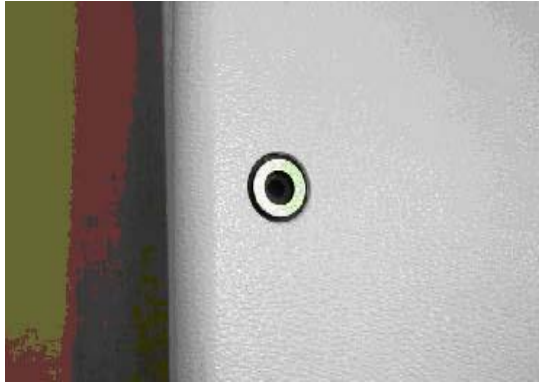


5.4) Check the top bracket on the frame is facing rearward as shown.

5.5) With the frame installed into both sides of the canopy, push the front frame to the roof until it meets flush with the canopy's interior roof surface.

5.6) Install remaining M6 hardware between the clamp bracket and rear mount bracket finger tight on both sides.

6.0) MOUNTING POINTS FOR ROOF BARS / ROOF RACKS



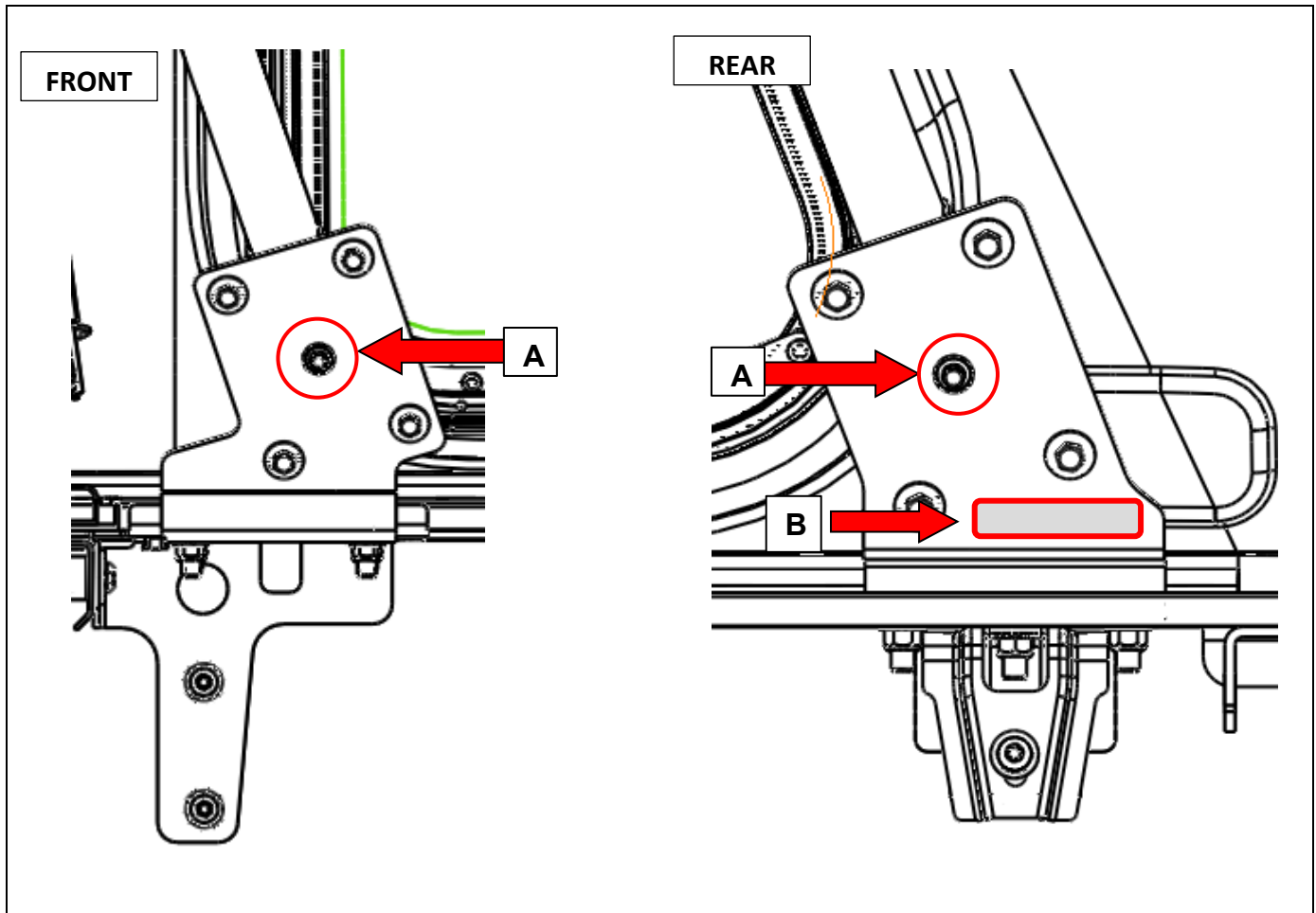
- 6.0) Apply a silicone bead to lower to the edges of the 25mm holes cut into the canopy shell.
- 6.1) Place 23mm x 5mm spacers (4581018) into the 25mm holes in canopy, ensuring the edges are sealed by silicon.
- 6.2) Fit the channel bar or rack assembly to the canopy as instructed in additional separate hardware kits and tighten M10 hardware.

NOTE: KEEP M10 FASTENERS AND SPACER WASHERS FOR FITTING ROOF BARS OR ROOF RACKS. REFER TO CANOPY ROOF BAR OR ROOF RACK FITTING INSTRUCTIONS FOR DETAILS OF FITTING EXTERIOR CANOPY ROOF LOAD ACCESSORIES.

7.0) LOCKING FRAMES INTO POSITION.

!!! ATTENTION !!!

TO BE COMPLETED AFTER FITTING AND TIGHTENING ROOF RACK OR ROOF BAR BRACKETS.



- 7.0) Tighten all M6 and M8 hardware to the specified torque values on page 2.
- 7.1) Using drill and Tek screw driver bit, fit the Self Tapper screws (6151342) through the centre holes on the uprights of the internal frame brackets front and rear to lock the front and rear frame assemblies in place, 4 places, "A".
- 7.2) Add Roof Rack Load Rating Labels 100kgs (2125583) to rear brackets on the right-hand and left-hand side of vehicle as shown "B".