

FITTING INSTRUCTIONS

ISUZU D-MAX MY20 CLASSIC AND CLASSIC PLUS CANOPY INTERNAL FRAMES FOR ROOF LOADS

KIT PART NO. 4148070

KIT CONTAINS:



USE	PART No	QTY	DESCRIPTION
1. INTERNAL FRAME ASSEMBLY FRONT	6131703	1	FRONT FRAME
	6582434	2	CLAMP FRAME 35
	6582492 L	1	BRACKET INTERNAL MOUNT LH
	6582492 R	1	BRACKET INTERNAL MOUNT RH
	6151213	8	6MM X 20MM BOLTS BZ
	4581082	8	6MM WASHER FLAT BZ
	6151173	8	6MM NUT FLANGE BZ
	6151234	4	8MM X 25MM BOLT BZ
	4581075	8	8MM WASHER FLAT BZ
	6151212	4	8MM NUT NYLOC BZ
	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	6131401	1	FRAME ASSY REAR
	6582434	2	CLAMP FRAME 35
	6582493 L	1	BRACKET INTERNAL MOUNT LH
	6582493 R	1	BRACKET INTERNAL MOUNT RH
	6151213	8	6MM X 20MM BOLTS BZ
	4581082	8	6MM WASHER FLAT BZ
	6151173	8	6MM NUT FLANGE BZ
	6151234	4	8MM X 25MM BOLT BZ
	4581075	8	8MM WASHER FLAT BZ
	6151212	4	8MM NUT NYLOC BZ
	6151342	2	SCREW SELF TAPPER 14G BZ
	4581018	2	WASHER SPACER M14 X 23.5 X 5 ZP
	665014	2	SEAL
3. FASTENERS FOR ROOF BAR MOUNT	6151321	4	NUT FLANGED M10 ZP
	6151232	4	BOLT M10 X 1.5 X 30MM 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 comply with the instructions at all times. If in any doubt, please contact your nearest ARB state office or the stockist from whom it was purchased.

ENSURE THAT HOLE CENTER DISTANCE IS ACHIEVED AS SPECIFIED ON PAGE 5.

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:

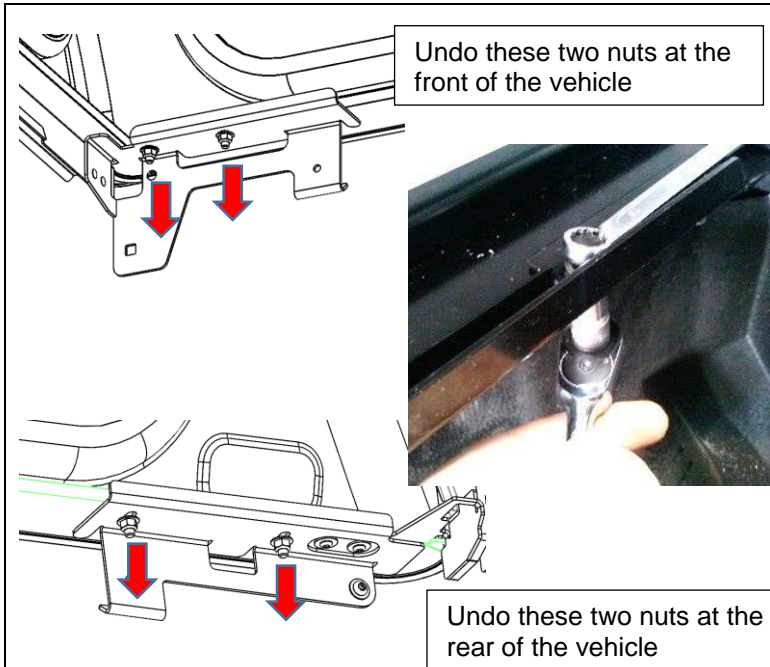
SIZE	Torque Nm	Torque lbft
M6	9Nm	7lbft
M8	22Nm	16lbft
M10	44Nm	32lbft

PRE-ASSEMBLY

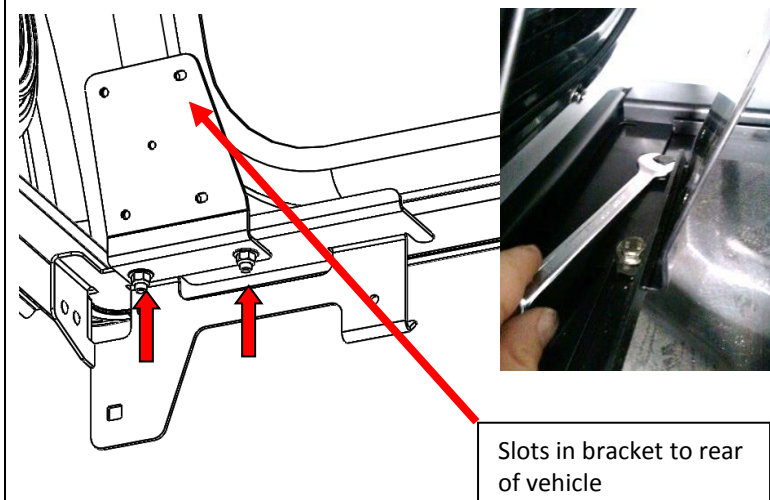


1. Fit seals, (4 OFF) to the brackets welded to the internal tube frames as shown.

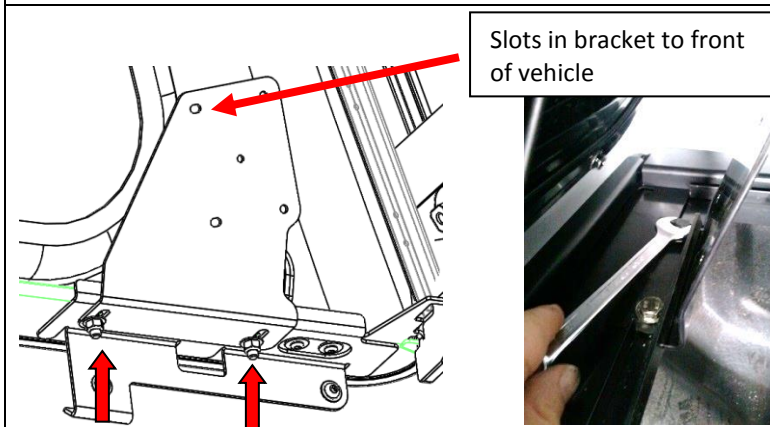
POSITIONING LOWER MOUNTING BRACKETS



1. Go to the front corner of the canopy. Undo the 2 front M8 bolts to the canopy front corner brackets.
2. Go to the rear of the vehicle. Undo the 2 rear M8 bolts as shown.

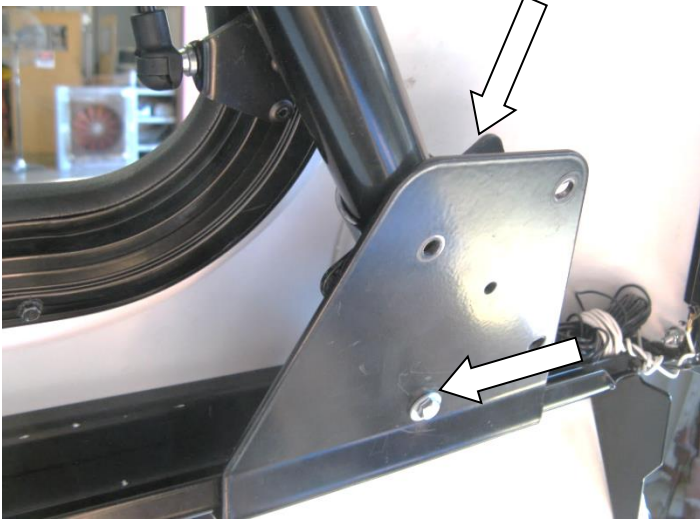


3. At the front of the canopy, loosely fit the internal frame brackets 6582492R&L in position as shown. From underneath the front corner brackets for mounting the canopy using 8x M8 washers, 4x M8 bolts and 4x new M8 nyloc nuts, with slots in brackets towards the rear of vehicle.
4. Tighten the M8 hardware to specified torque, ensuring the bracket is pushed back hard against the flange on the front tub corner mounting bracket for the canopy.

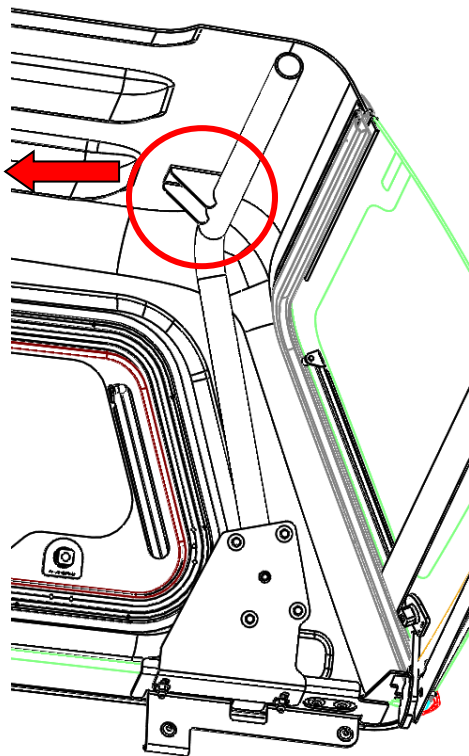


5. At the rear of the canopy, loosely fit the internal frame brackets 6582493R&L in position as shown from underneath the rear mounting brackets for the canopy using 8x M8 washers, 4x M8 bolts and 4x new M8 nyloc nuts, with slots in brackets towards the rear of vehicle.
6. Tighten the M8 hardware to specified torque, ensuring the bracket is pushed back hard against the tub mounting bracket flange.

POSITIONING OF REAR FRAME



1. Fit on "U" shaped clamp bracket (6582434) in one corner, as shown, using one:
6MM BOLT
6MM WASHER FLAT
6MM FLANGE NUT
2. Tighten bolt finger tight and repeat on alternate side
3. Tilt clamp bracket forward
4. Slide in rear tube frame (6131401)

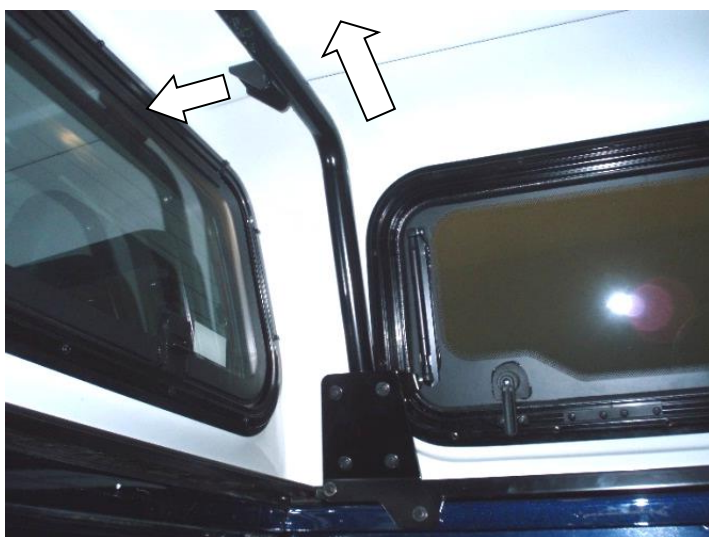


1. Check the top brackets on the rear internal tube frame are facing forward on the frame as shown.
2. With frame installed into both sides of the vehicle, push rear frame to the roof until it meets flush with the canopy
3. Install remaining M6 hardware on both sides finger tight

POSITIONING OF FRONT FRAME



1. Slide in front tube frame 6171703 before fitting "U" shaped clamp brackets 6582434

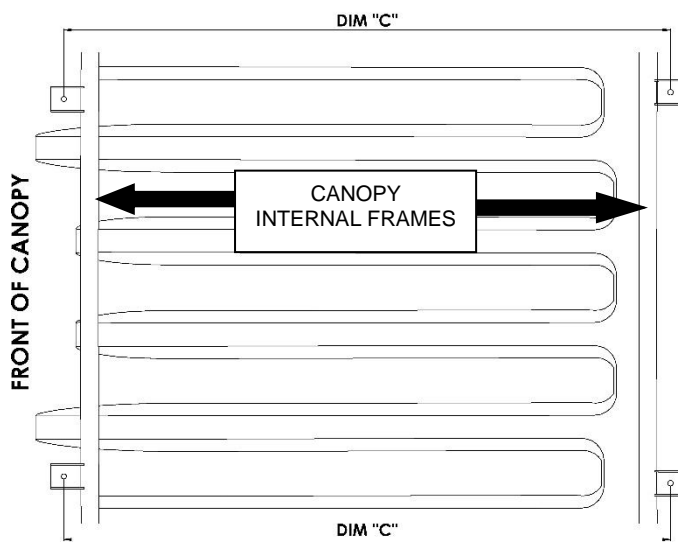


2. Check the top brackets on the front internal tube frame are facing forward as shown
3. With frame installed into both sides of the vehicle, push frame to the roof until it meets flush with the canopy



4. Fit the "U" shaped clamp bracket (6582434) into both corners
5. Install all the M6 hardware on both sides finger tight

MOUNTING POINTS FOR ROOF BARS / ROOF RACKS

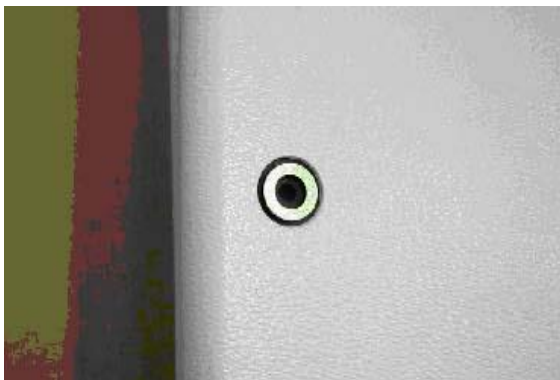


VIEWS FROM INSIDE CANOPY

1. **IMPORTANT**- Check that the hole centre distance DIM "C" is equal to **1093mm +/-3mm**. Failure to check this dimension can cause holes to miss-align in product fitment when fitting classic blade brackets for ARB Roof Tray to the canopy.



2. Drill 6mm pilot holes through the shell using the brackets as guides for the hole-saw.
3. Drop the frames clear and using a 25mm hole-saw cut holes through the shell from the outside using the 6mm pilot hole
4. Push the frames back into position and tighten hardware



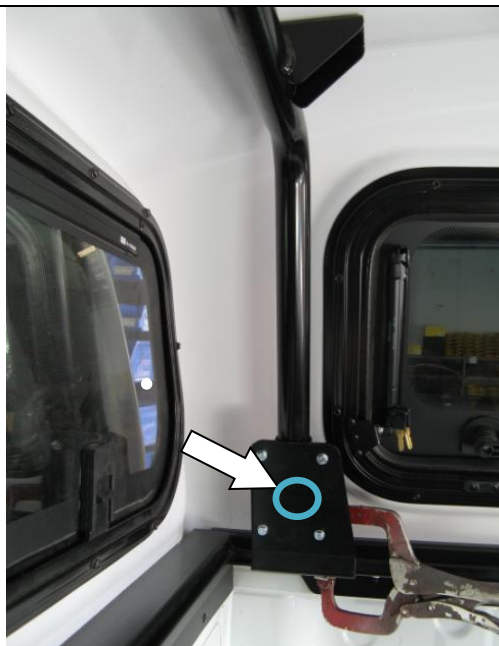
5. Apply a silicone bead to lower corner of Dia. 25mm holes cut into the canopy shell.
6. Place Dia. 23mm x 5mm spacers in the Dia. 25mm holes in canopy
7. Fit the channel bar or rack assembly to the canopy as instructed in kit

**NOTE: KEEP M10 FASTENERS AND SPACER WASHER FOR FITTING ROOF BARS OR RACKS.
REFER TO CANOPY ROOF BAR FITTING INSTRUCTIONS FOR DETAILS OF FITTING ROOF BARS**

LOCKING FRAMES IN POSITION

!!!! ATTENTION !!!!

TO BE COMPLETED AFTER FITTING AND TIGHTENING ROOF RACK/BAR BRACKETS



LOCKING FRAMES INTO POSITION

1. Tighten all M6 and M8 hardware to the specified torque values
2. Using drill and tek screw driver bit, fit the 14g self-drilling tek screws to lock frame in place
3. Repeat on all remaining brackets

