

Vehicle: 2023 MAZDA BT 50

Product: Rolla Top

Part No: BT50DCRTSMB

Rev No:
001

Date:
29-10-2024

Doc No:
FI000735 Rev1



40 Min



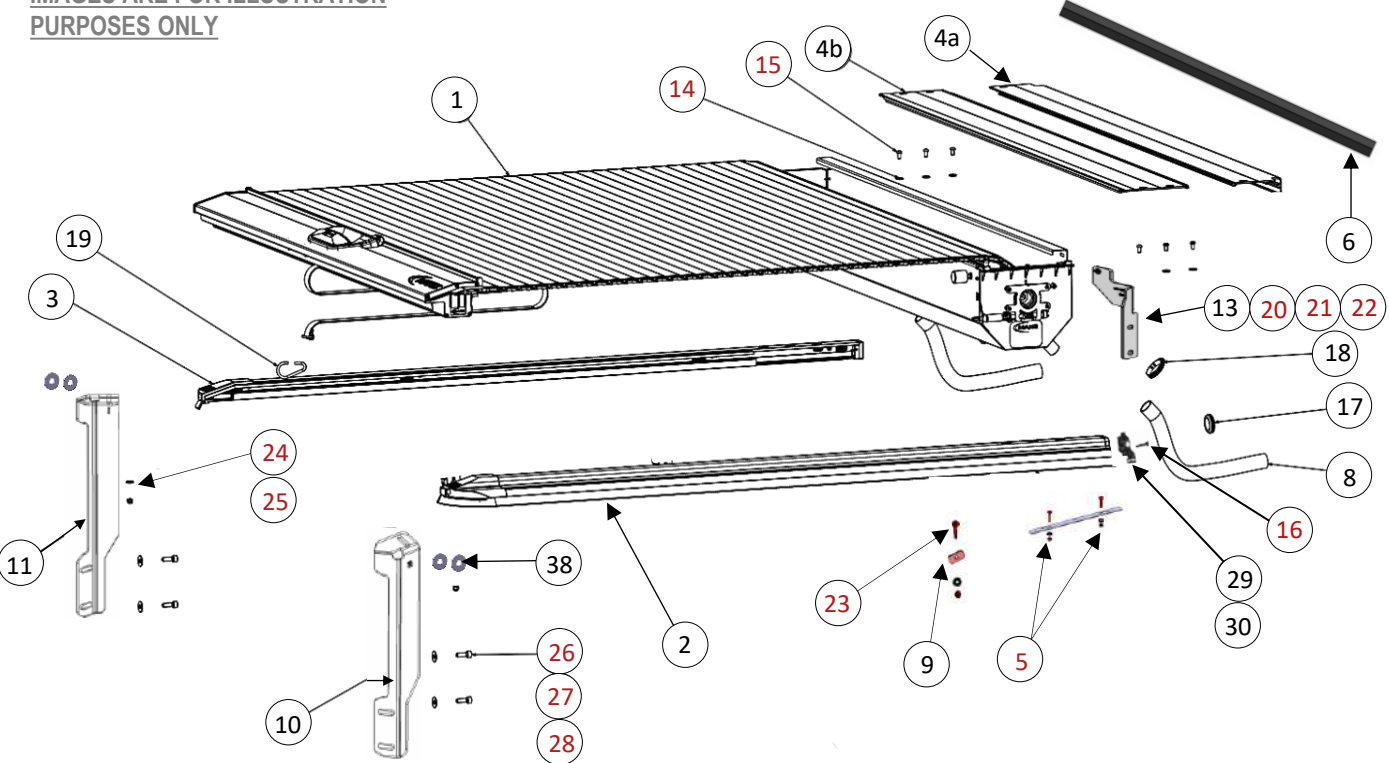
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VERY IMPORTANT

PLEASE READ THESE INSTRUCTIONS CAREFULLY
 BEFORE COMMENCING WITH FITMENT

TORQUE SETTINGS: M5 = 5 Nm M6 = 9 Nm M8 = 22 Nm M10 = 42 Nm M12 = 73 Nm M16 = 178 Nm

IMAGES ARE FOR ILLUSTRATION
 PURPOSES ONLY



ASSEMBLY CONTENT

FASTENERS (FS00627 REV0)

CONTENTS (FK00742 REV1)

- 1 1x - AS03523 - COLLECTION CYLINDER UNIT
- 2 1x - AS03190 - SIDE RAIL RH 1465mm
- 3 1x - AS03202 - SIDE RAIL LH 1465mm
- 4 1x - AS03240 - LID ASSEMBLY 1480mm
- 4a 1x - PE00086 - LID EXTRUSION FRONT
- 4b 1x - PE00092 - LID EXTRUSION BACK
- 5 1x - AF00266 - SIDE RAIL ASSEMBLY FASTENER SET
- 6 1x - XM0920 - FOAM STRIP - 30mmX30mmX1600mm
- 7 1x - FK00742 - FITTING KIT - MAZDA BT50

- 20 6x - RM00302 - M6 x 25 HEX HEAD SCREW
- 21 6x - RM00138 - 6mm SPRING WASHER
- 22 6x - RM00107 - 6mm WASHER
- 23 2x - RM00741 - M6x25 CUP SQUARE
- 24 2x - RM00286 - M6 x 16 x 1.6 FLAT WASHER
- 25 2x - RM00106 - M6 NYLOCK NUT
- 26 10x - RM00122 - M8 x 25 HEX HEAD SCREW
- 27 10x - RM00113 - M8 HD SPRING WASHER
- 28 10x - RM00605 - M8 x 22 x 1.6 FLAT WASHER

- 8 2x - PG00242 - CLEAR PVC TUBE
- 9 2x - PS06993 - M6 NUT PLATE
- 10 1x - PS06356 REV1 - ISUZU D-MAX RH LOADBODY BRACKET
- 11 1x - PS06357 REV1 - ISUZU D-MAX LH LOADBODY BRACKET
- 12 1x - AS03873 REV1 - LH FRONT BRACKET ASSEMBLY
- 13 1x - AS03874 REV1 - RH FRONT BRACKET ASSEMBLY
- 38 4x - PS06697-REV0 - SPACER
- 29 2x - PP00495 - END CAP PLUG
- 30 1x - PP00492 - RAIL END CAP RH
- 31 1x - PP00493 - RAIL END CAP LH

FASTENERS (FS00528 REV1)

FASTENERS (FS00551 REV1)

- 14 6x - RM00347 - M6x16x1.6 FLAT WASHER
- 15 6x - RM00484 - M6x12 BUTTON HEAD CAP SCREW
- 16 2x - RM00650 - M5x30 COUNTERSUNK SET SCREW

- 17 2x - XM0772 - GROMMET
- 18 2x - XM0769 - HOSE CLAMP
- 19 1x - XM0768 - CARABINER

- 32 1x - XM0958 - KITTING BOX (900mm X110mm X60mm)
- 33 1x - XM0892 - ZIP LOCK BAG (40mm x 60mm)
- 34 1x - FI00735 REV1 - FITTING INSTRUCTION
- 35 1x - FS00528 REV1 - FASTENER SET
- 36 1x - FS00531 REV1 - FASTENER SET
- 37 1x - FS00551 REV1 - FASTENER SET

TOOLS REQUIRED

- Stanley knife / scissors
- 10mm & 13mm spanner
- 4mm / 5mm / 6mm Allen key sockets
- Torque set
- Drill & 32.0mm hole saw
- Loctite 243
- Socket set
- Tape measure

PACKER: _____

DATE: D M Y

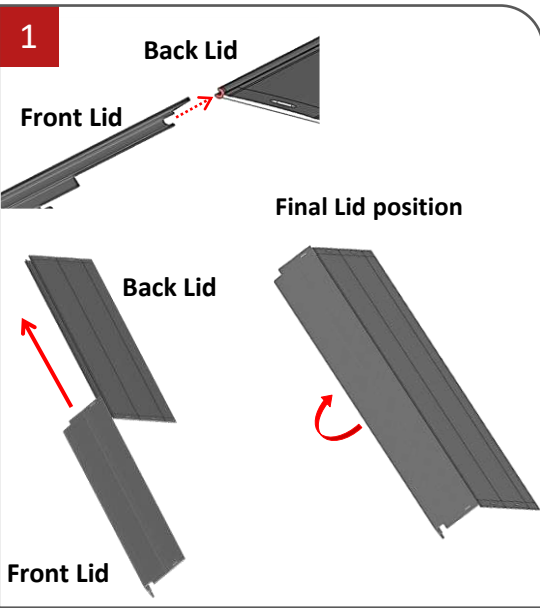


Figure 1

- Unpack the Rollatop kit and check that contents have been correctly supplied.
- Align the front lid and back lid to along the two pieces to interlock. Slide the front lid along the back lid until it is flush with the opposite side.
- Rotate the front lid until it locks into place with the back lid and both lids are flat.

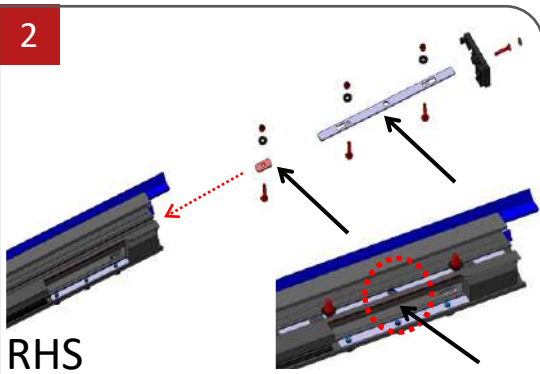


Figure 2

- Locate & assemble the M6x25 CUP SQUARE bolts with the square holes in the plates before sliding them into the slot on the underside of the side rail.
- Insert PS06993 (short) first followed by PS06994 (Long)
- Slide the canister locking plate so the centre hole aligns with the cut-out round notch on the underside of the Aluminium profile.

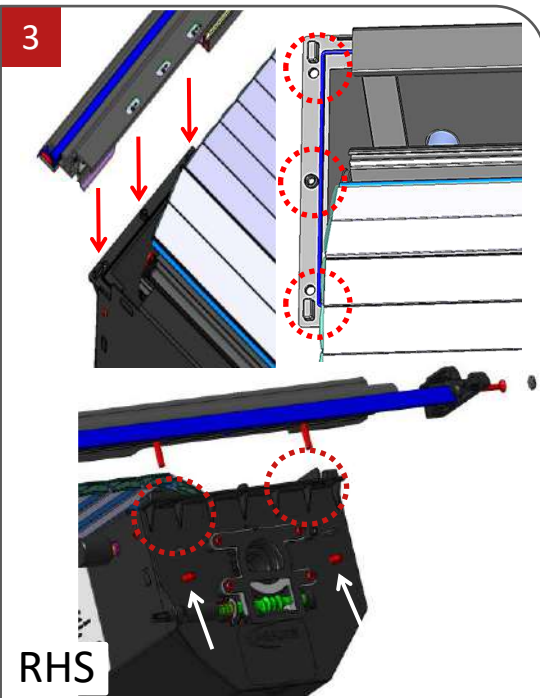
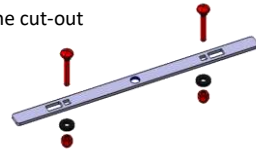


Figure 3

- Locate the 3 mounting points on the RHS of the canister.
- Feed the Slats and the Lock housing into the Side rail channel.
- Position the RH Side rail above the canister where the canister locking plate aligns with the 3 canister mounting points.
- Secure the Side rail with two M6 lock nuts and washers.
- **Repeat Steps 2 & 3 on the LHS**

WARRANTY

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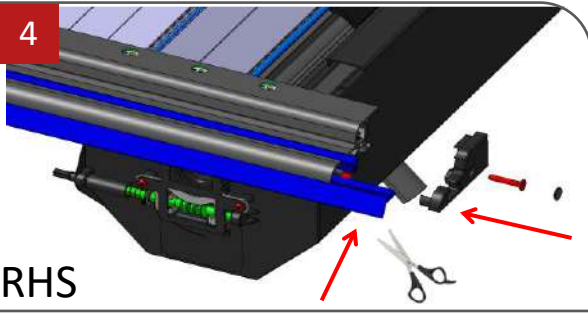


Figure 4

- **Trim off the excess sill rubber seal on the RH & LH Side rails.** (Trim so seal is 10mm longer than the aluminium)
- See Step 5 & 6 below.

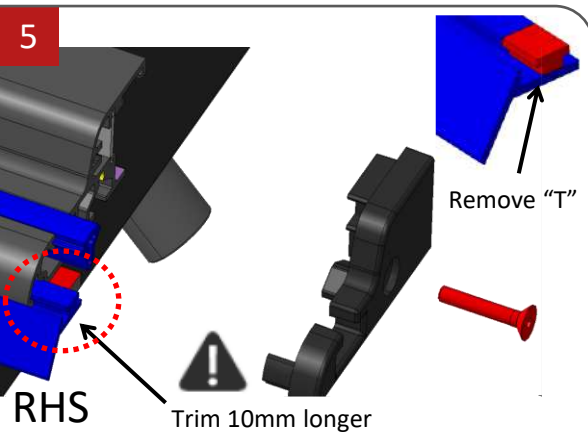


Figure 5

- **Trim off the excess sill rubber seal on the RH & LH Side rails.** (Trim so seal is 10mm longer than the aluminium)
- Next cut out the "T" section of the seal so that the Plastic cap fits into the Side rail.

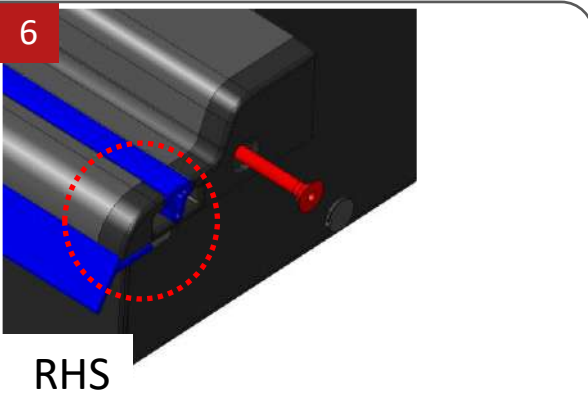


Figure 6

- Once the "T" sections have been cut out on the RH & LH Side rails, place the plastic end caps (PP00492 & PP00493) on making sure that the trimmed seals sit underneath the plastic end caps.
- This gives a nice seal all the way along the Side rail assembly.
- If additional trimming is required, do so before fitting to vehicle.
- Next use the counter sunk M5x30mm screws from **FS00528** and the small round plastic cap to cover the screw head.
- **Repeat Steps on the LHS**

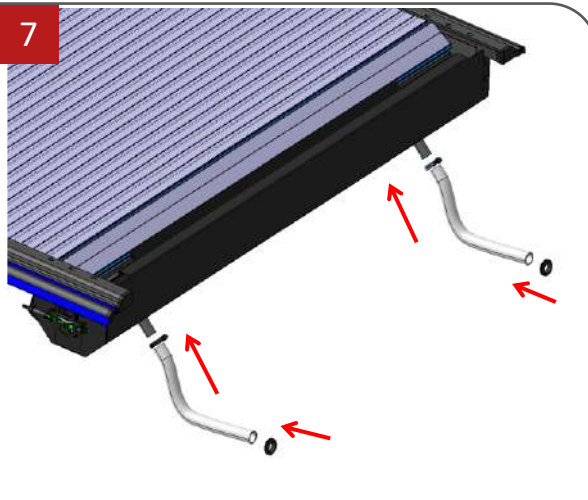


Figure 7

- Locate the two drainage outlet pipes on the front underside of the steel canister.
- Cover the two drainage outlet pipes with the supplied clear PVC tubing.
- Feed the supplied hose clamps from fastener set **FS00551** over the PVC tubes.
- Tighten the hose clamps where the PVC tubes meet the drainage pipes to create a seal.
- Locate the two rubber grommets supplied in the fastener set **FS00551**, fit them over the open ends of the PVC tubes.

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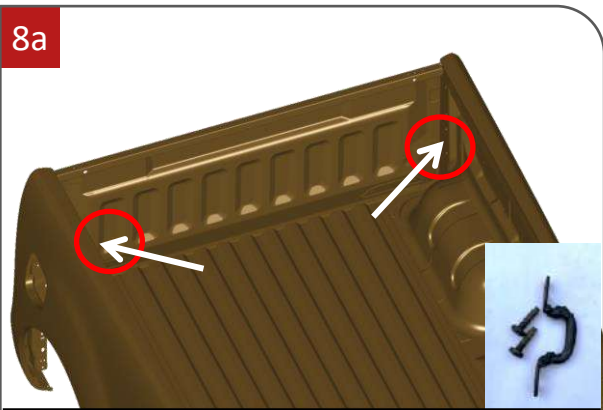
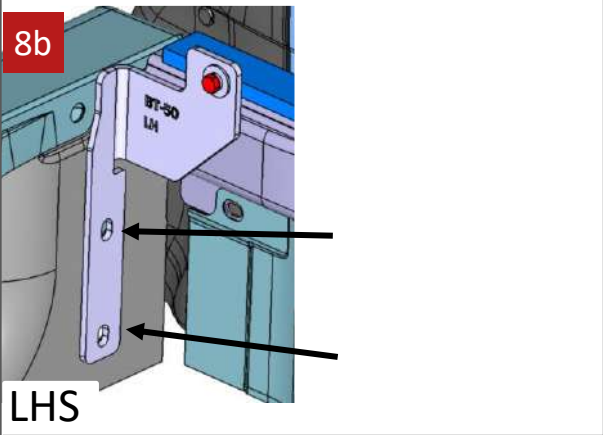
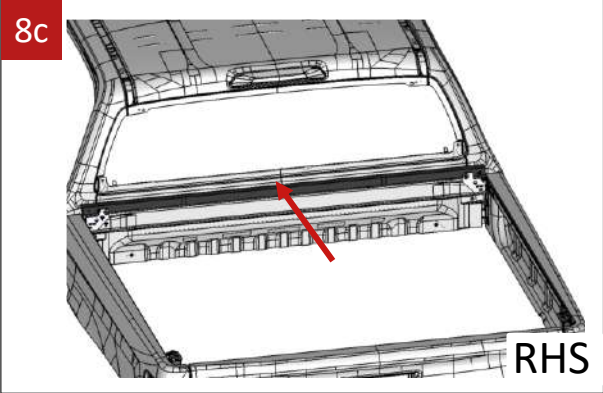


Figure 8

- Locate the tie down hooks on the inside of the bin at the LH and RH side of the tail gate.
- If the bolts of the hooks are covered by rubberising, then remove rubberising by carefully cutting the rubber with a Stanley blade to access the bolts.
- Unfasten the two M8 bolts and detached the tie down hook from the bin. The M8 bolts can be reused.
- Repeat this process on the opposite side.



- Place the two front brackets over the two M8 holes and tighten down with the existing bolts & tie downs.
- After both the RH & LH front brackets have been installed apply the long foam strip as shown in **Figure 8C** below.



- Stick down the long foam strip (15mmx35mm) over both front brackets and trim off extra length.
- Length required 1550mm.
- Stick down the long foam strip (30mmx30mm)
- Be sure to place the foam strip so that the RH & LH side lengths are equal.
- Later on, the Side rails will be placed on top of this foam seal to create a barrier for water resistance.

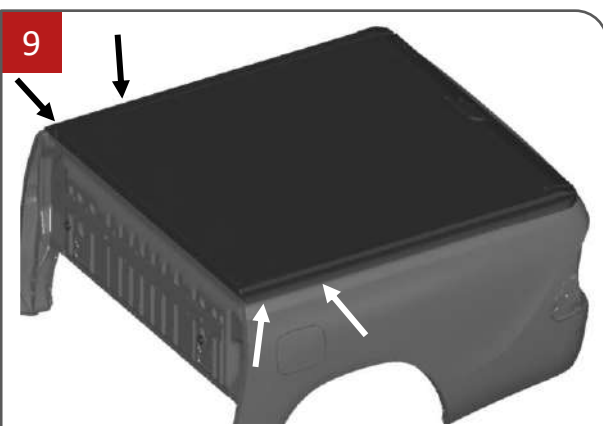


Figure 9



- **This step requires two people, lift the preassembled Rollatop over the bin of the vehicle with a person on either side and the Canister at the front of the bin.**
- Lift the preassembled Rollatop in the areas shown in **Figure 9**.
- Align the Canister with the front bin sill and the side rails with the side bin sills.
- Lower the assembly into position ensuring each corner of the assemble meets the corners of the bin sill.

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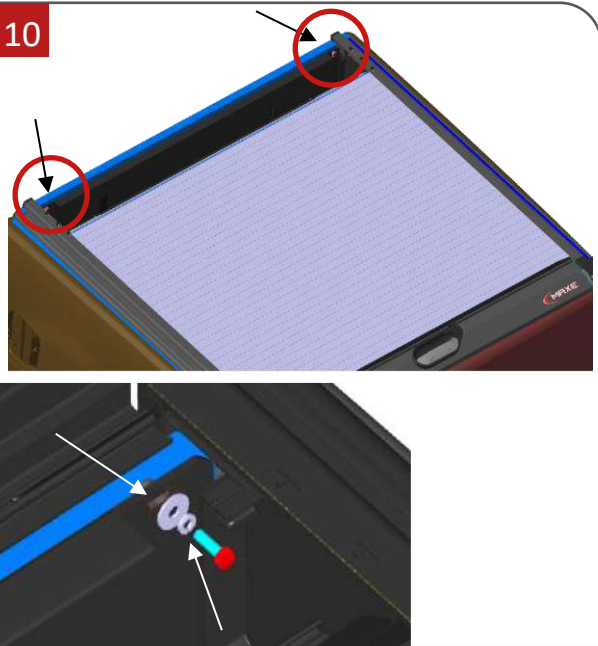


Figure 10

Fitment on to the front load body brackets

- Align the slots on the front of the Collection cylinder to the brackets installed in **Step 8**.
- Tighten the Collection cylinder to the brackets with the two M6x25mm Hex bolts, spring washers and washers from fastener set **FS00627**.
- Once completed the lid assembly can be installed into position on top of the Rollatop.

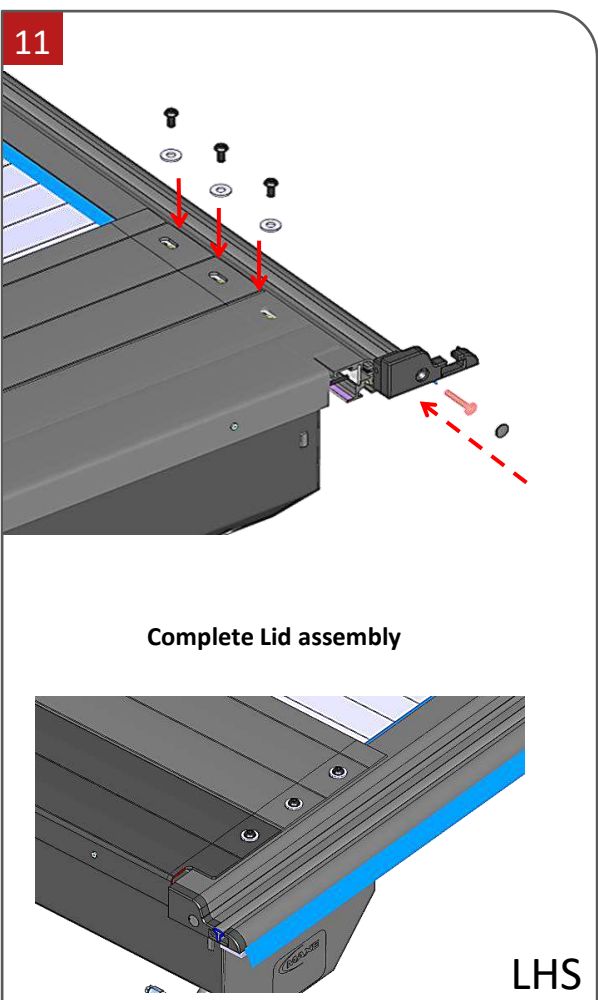


Figure 11

- Using the supplied lid fastener set **FS00528** to secure the Lid to the Side rails.
- Using three M6x12mm button head cap screws and washers for each side, tighten down the Lid on either side.

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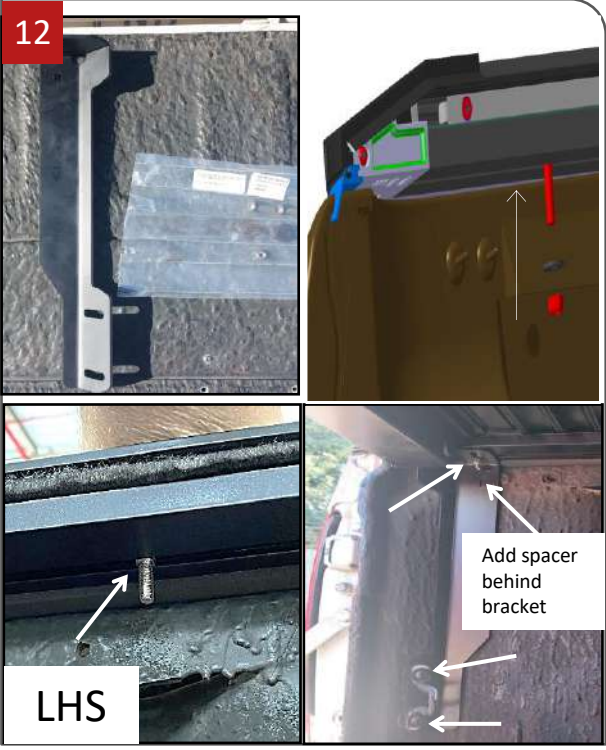


Figure 12

- Locate the RH side and LH side rear brackets
- Locate the slot on the underside of the Side rail.
- Find the M6x25 CUP SQUARE bolt and feed the bolt through the slot at the top of the bracket, place a washer and M6 locknut on.
- Add 2x spacers at the top slot.
- Fasten the rear brackets using the M6 locknut.
- Fasten the M8 bolts once **Step 13.2** is completed
- Repeat the above steps for the opposite rear bracket.

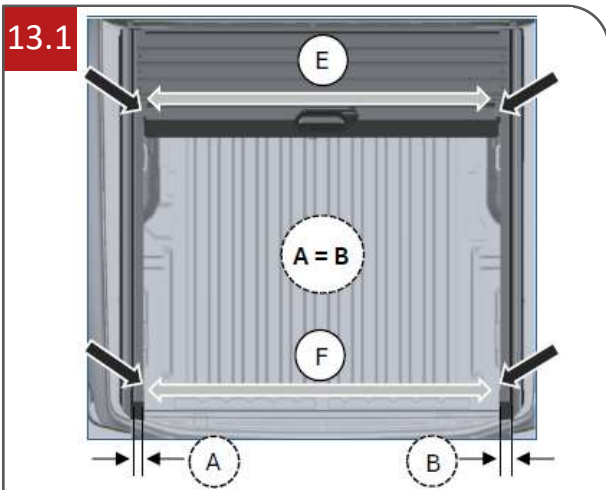
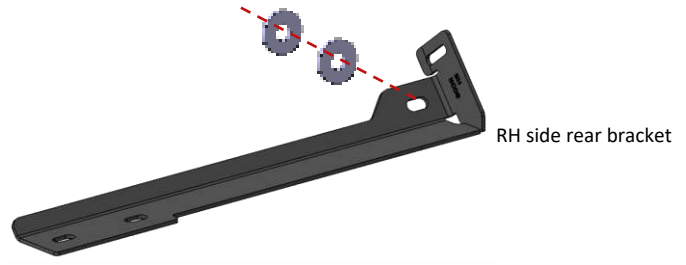
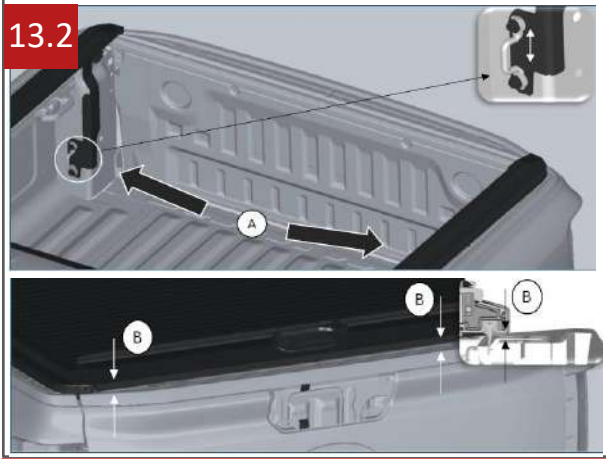


Figure 13

- Before fully tightening the rear brackets measure the internal width of the Side rails.
- Measure between the side rail just after the fixed Lid profile.
- Use this measurement to re-align the side rails at the back.
- Ensure that measurement E = F.
- See **Table 1** for standard measurements. (E=F)
- RollaTop is centred (A=B).

Table 1	
Standard side rail cross measurements	
Vehicle:	Millimetre (mm)
Ford Ranger T6 / T7	1400 mm
Toyota Hilux	1400 mm
Isuzu D-Max RG06	1430 mm
P-Series GWM	1405 mm
Mazda BT50	1430 mm
Mahindra Karoo	1400 mm
Ford Ranger P703	1320 mm
Nissan Navara H60	1360 mm
VW Amarok J73	1320 mm



- Ensure that the vertical gap between the underside of the rear profile and the top surface of the tailgate in a closed position is 8mm as shown in **Figure 13.2**.
 - If this gap isn't correct opening & closing of the tailgate & Rollatop will be difficult.

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Figure 14

- Open and close the Rollatop & tailgate to ensure free movement.

What to do if the Rollatop gets stuck during opening or closing:

- Check the height setting of the rear brackets.
- Check the cross dimensional measurements. See **Table 1** in **Step 13**.
- Check gap between tailgate top and underside of rear aluminium profile. This should be not less than 8mm.
- Lastly the tension spring can be set. See **Step 16**

See troubleshooting manual for in-depth solutions.

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Figure 15

- Locate the position of the grommets on this inside of the bin against the front wall as shown in **Figure 15**.
- Drill through the bin wall to create a 32,0mm hole alternatively if your vehicle has rubber grommet inserts use a Stanley blade to cuts an "X" shape hole.
- The original vehicle grommets can be used or replaced with the supplied grommets from the Kitting package.
- Feed the clear PVC tubes through the holes / grommets to allow for drainage.
- Place the carabiner hook onto D-shackle at the end of the draw chord & attach to rear bracket.

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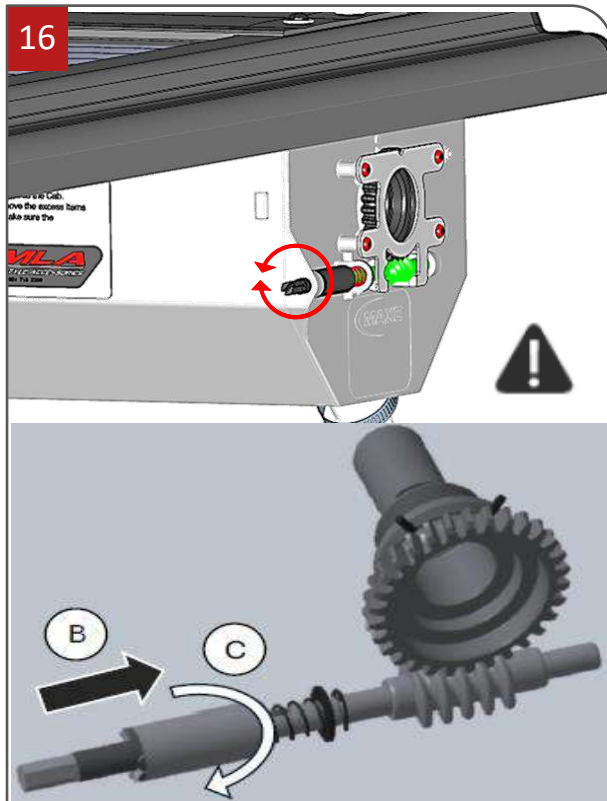


Figure 16



- **Overtightening the main spring will cause damage to the Rollatop. Before tightening it further, make sure nothing else is preventing the Rollatop from operating correctly.**
- Adjusting the main spring in clockwise rotation will increase the tension and make manually closing the cover harder but opening the cover will be easier.
- Then if the opposite is done, adjusting the spring in an anti-clockwise rotation the tension shall be reduced making the cover easier to manually close but opening will become semi-automatic / manually assisted too fully manual.
- **Please note reducing the tension of the main spring too much will cause the Rollatop to be noisy as tension is released the slats become free to bump into the collection cylinder casing & fixed lid. Furthermore, when opening the Rollatop the slats will bunch up and jam during opening due to not enough tension on the main spring.**
- Adjust the tension in increments, a cordless drill with a 7mm socket may be used. Try rotating the index tensioning pin by ten (10) rotations and the try closing and opening the Rollatop. If the result isn't satisfactory then try adjusting the tension further.
- **If damage has been done and the collection cylinder tensioning system needs to be replaced. Please contact Maxe or your dealer for replacement parts.**

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