A division of KAP Diversified Industrial (Pty)Ltd
11 Surprise Road, Pinetown, Kwa-Zulu Natal, 3610, South Africa
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FITTING INSTRUCTIONS

Control No: WDT 08
Rev No: 001

Vehicle: 2023 Ford Ranger P703 Extended Cab

Product: Rolla Top

Part No: RANGNXTGEXTRCV1B

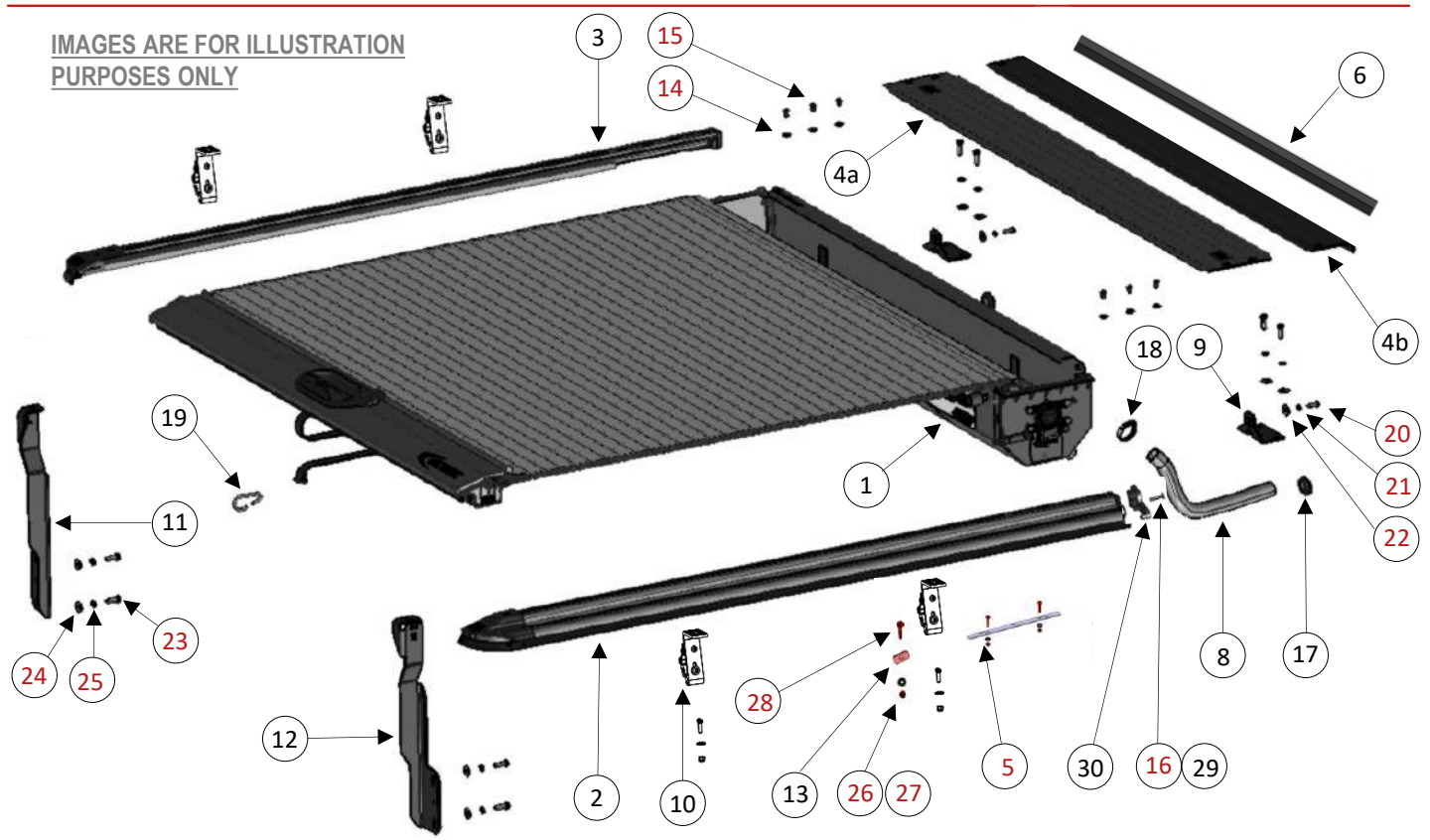
Rev No: 002
Date: 04-11-2024
Doc No: FI000714 Rev2

40 Min
2

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

1	1x – AS03787 – COLLECTION CYLINDER UNIT
2	1x – AS03785 – SIDE RAIL RH 1750mm
3	1x – AS03786 – SIDE RAIL LH 1750mm
4	1x – AS03637 – LID ASSEMBLY 1375mm
4a	1x – PE00141 – LID EXTRUSION FRONT
4b	1x – PE00142 – LID EXTRUSION BACK
5	1x – AF00266 – SIDE RAIL ASSEMBLY FASTENER SET
6	1x – XM0920 – FOAM STRIP - 30mmX30mmX1600mm
7	1x – FK00740 – FITTING KIT - 2023 FORD RANGER EXT.

FASTENERS (FS00528 REV1)

14	6x - RM00347 - M6 x 16 x 1.6 FLAT WASHER
15	6x - RM00484 - M6 x 12 BUTTON HEAD CAP SCREW
16	2x - RM00650 - M5 x 30 COUNTERSUNK SET SCREW

FASTENER SET (FS00581 REV2)

20	2x - RM00384 - M6 x 25 HEX HEAD SCREW
21	2x - RM00138 - 6mm SPRING WASHER
22	2x - RM00107 - 6mm WASHER
23	8x - RM00122 - M8 x 25 HEX HEAD SCREW
24	8x - RM00605 - M8 x 22 x 1.6 FLAT WASHER
25	8x - RM00113 - M8 HD SPRING WASHER
26	2x - RM00286 - M6 x 16 x 1.6 FLAT WASHER
27	2x - RM00106 - M6 NYLOCK NUT
28	2x - RM00741 - M6 x 25 CUP SQUARE

FASTENERS (FS00551 REV1)

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

CONTENTS (FK00740 REV2)

8	2x – PG00242 – CLEAR PVC TUBE
9	2x – AS03810 REV1 – P703 FRONT BRACKET ASSEMBLY
10	4x – AS03244 – G CLAMP ASSEMBLY
11	1x – PS06394 – LH REAR LOADBODY BRACKET
12	1x – PS06395 – RH REAR LOADBODY BRACKET
13	2x – PS06993 – M6 NUT PLATE
29	2x - PP00495 - END CAP PLUG
30	1x - PP00492 - RAIL END CAP RH
31	1x - PP00493 - RAIL END CAP LH
32	1x – XM0958 – KITTING BOX (900mm X110mm X60mm)
33	1x – XM0892 – ZIP LOCK BAG (40mm x 60mm)
34	1x – FI00714 REV2 – FITTING INSTRUCTION
35	1x – FS00551 REV1 – FASTENER SET
36	1x – FS00528 REV1 – FASTENER SET
37	1x – FS00581 REV2 – 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 _____

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Vehicle Model
2023 Ford Ranger

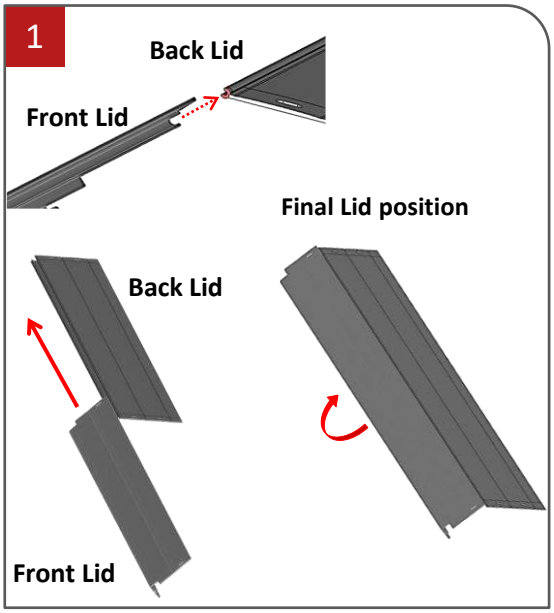


Figure 1

- 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.

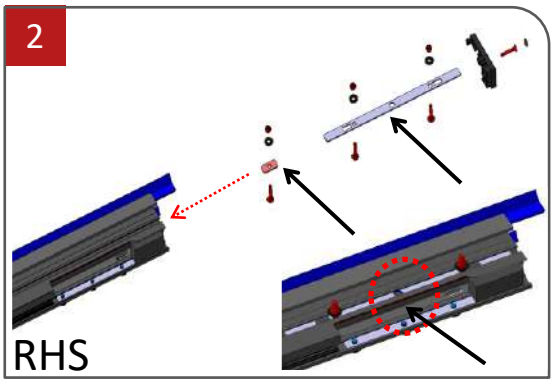
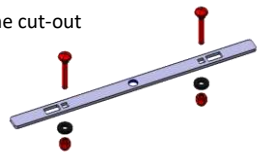


Figure 2

- 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.



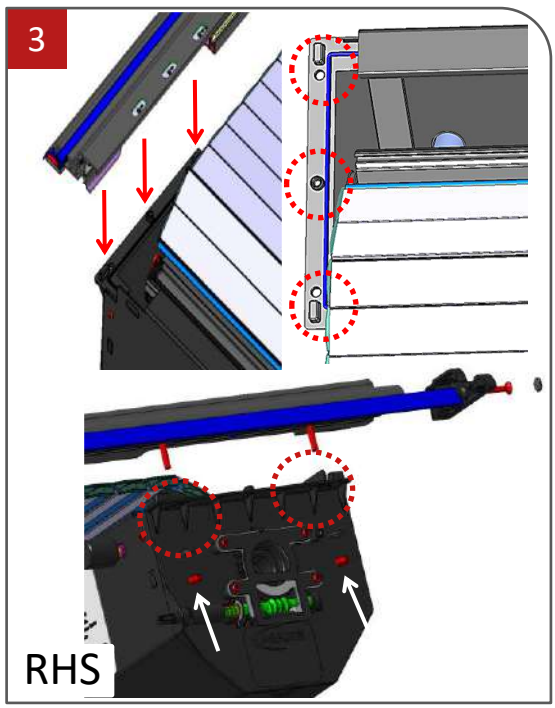


Figure 3

- 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**

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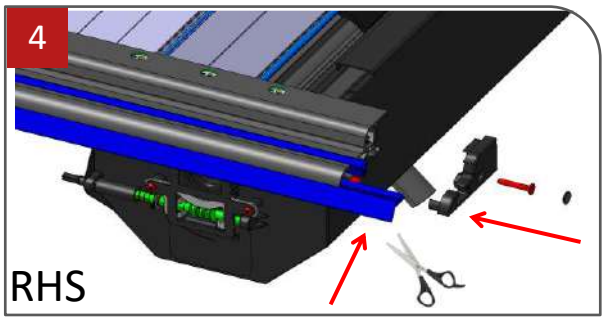

Figure 4

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

5

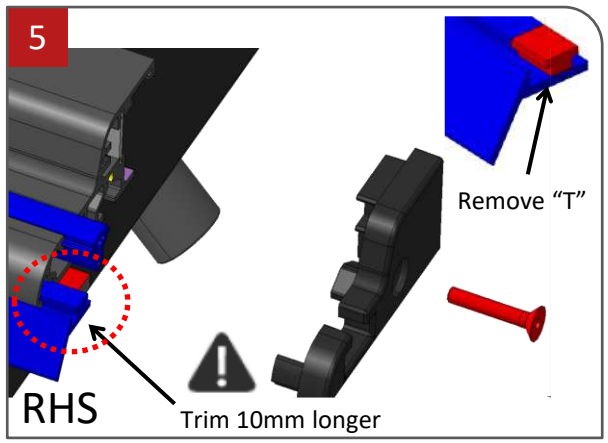

Figure 5

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

6

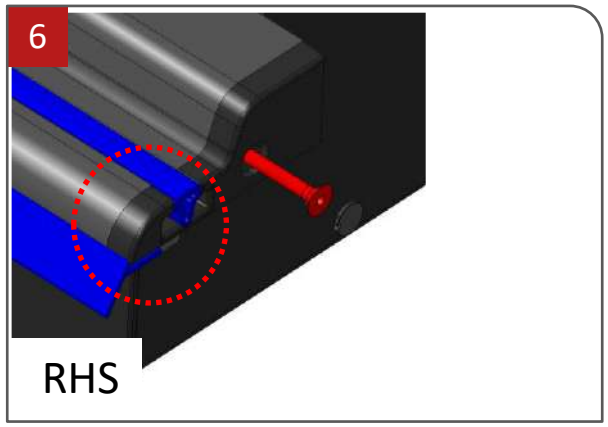

Figure 6

- 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 give 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**

7

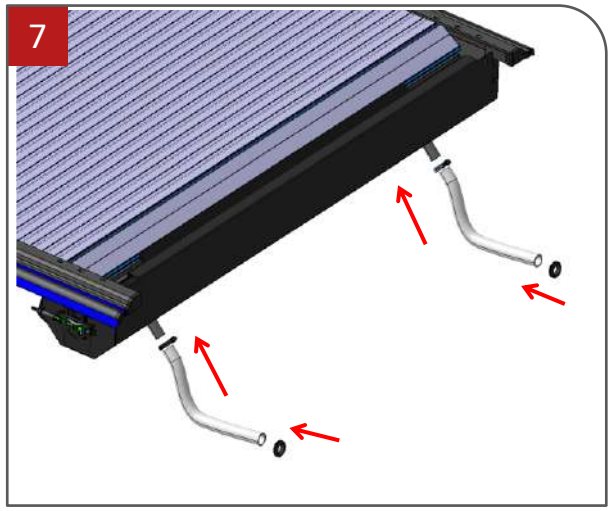

Figure 7

- 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

- Before applying the right-hand & left-hand side front brackets, wipe the top surface of the bin sill with thinners or a surface preparation cleaner to ensure the surface is clean.
- Place the bracket on as shown in **Figure 8**. Use the supplied fasteners from **FS00581**.
- **Repeat this process on the opposite side**.

Figure 9

- 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.

Figure 10

- Unfasten the two M8 torque screws and detached the tie down hook from the bin. The M8 bolts can be reused, or new bolts used which are supplied in **FS00581**.
- **Repeat this process on the opposite side.**

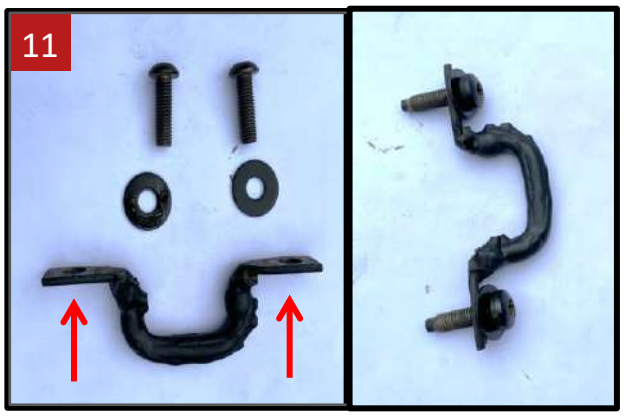

Figure 11

- Pre-assemble the tie down hook with a M8 washer, a spring washer and a M8x25mm bolt per hole. The washers are supplied in **FS00581**.

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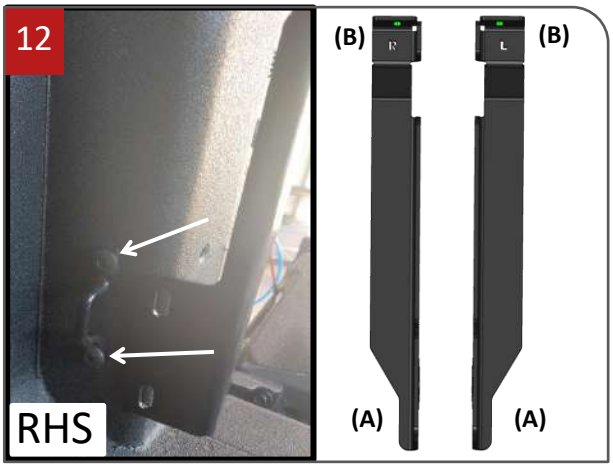

Figure 12

- Identify the LH & RH rear load body brackets. The RH load bracket is identified by an **R** at position **(B).**
- Fit the preassembled tie down hook into the slots at position **(A)** of the bracket. Use the M8x25mm bolts supplied in fastener set **FS00581**.
- Repeat this process on the opposite load body bracket.

Figure 13

If your vehicle has a drop in plastic bin (Wildtrak & Raptor variants)

- Then use the Left-hand side bracket on the RH side as shown in **Figure 13**. then use the right-hand bracket on the left side of the load bin. (reverse the bracket positions)
- Secure the load brackets by fastening the M8x25mm bolts supplied in fastener set **FS00581**.
- Repeat this process on the opposite load body bracket.

Figure 14

- Before applying the EPDM strip, wipe the top surface of the bin sill with thinners or a surface preparation cleaner to ensure maximum adhesion.
- Stick down the long foam strip (30mmx30mm) over both front brackets and trim off extra length.
- 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.

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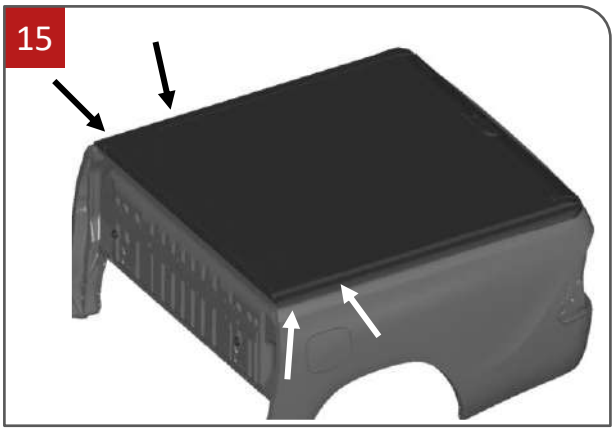


Figure 15

- **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 15**.
- 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.

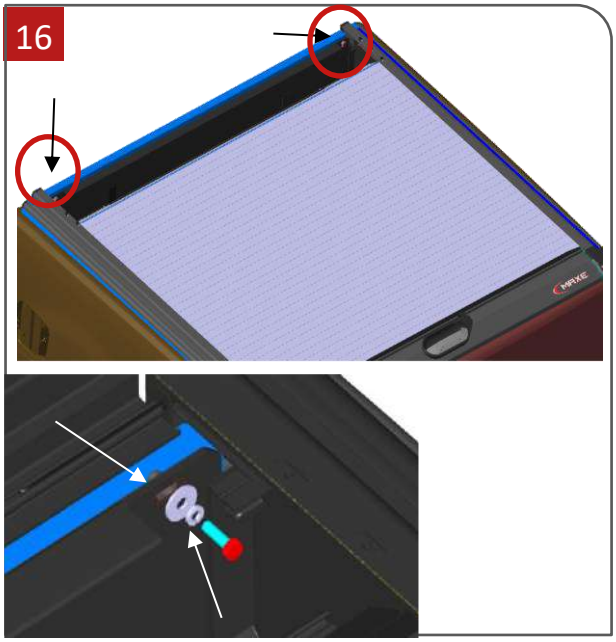


Figure 16

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 **FS00581**.
- Once completed the lid assembly can be installed into position on top of the Rollatop.

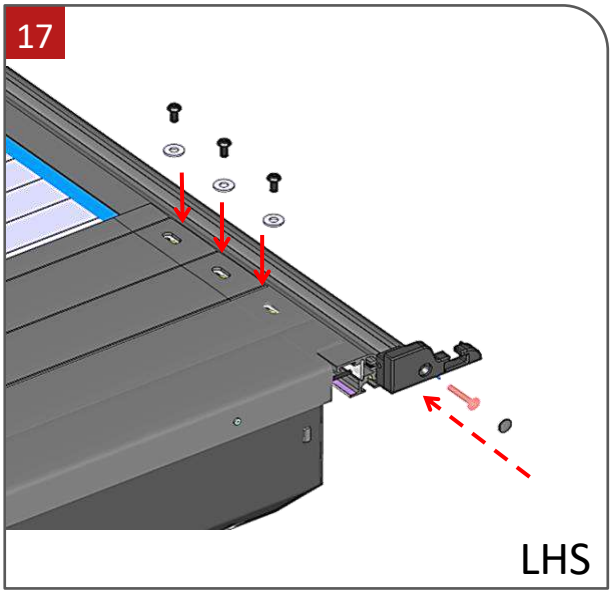
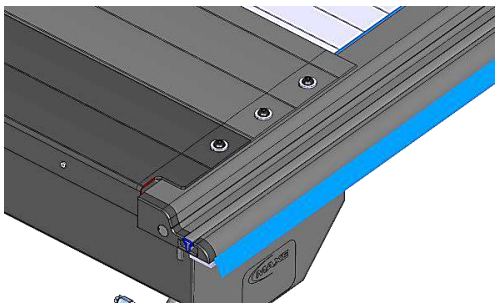


Figure 17

- 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.

Complete Lid assembly



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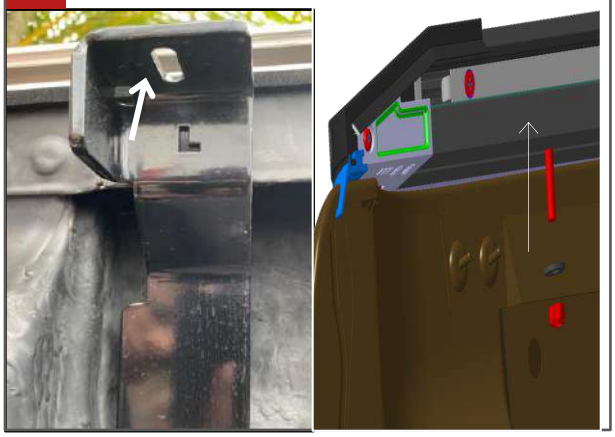

Figure 18

Positioning the rear brackets

- Locate the RH side and LH side rear brackets
- Locate the slot on the underside if 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.
- Fasten the rear brackets using the M6 locknut.
- Fasten the M8 bolts once **Step 20.2** is completed
- Repeat the above steps for the opposite rear bracket.

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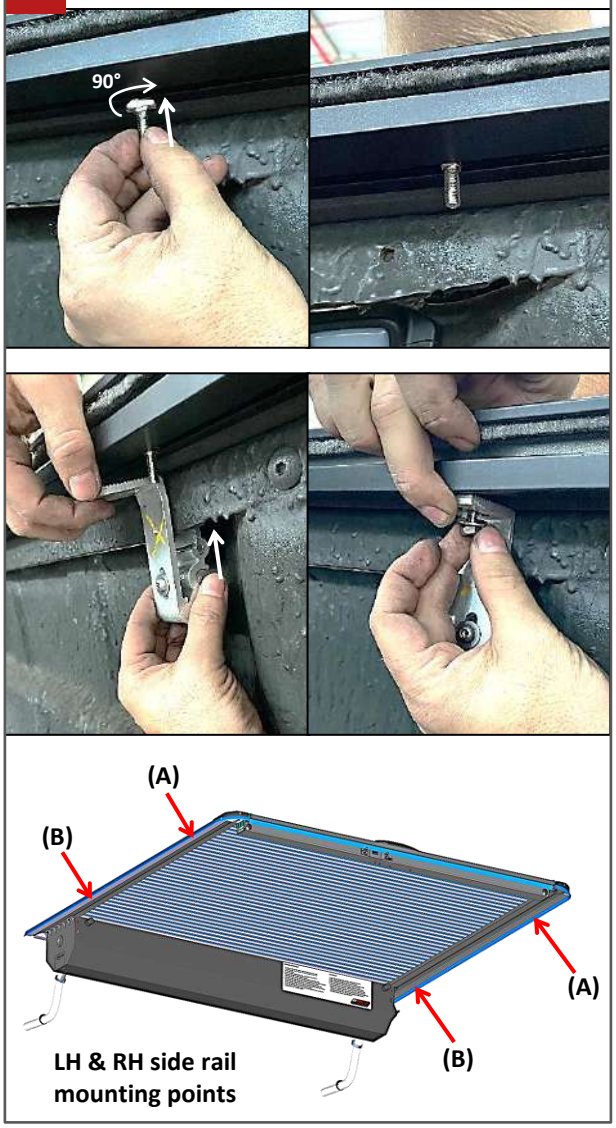

Figure 19

Positioning the G-Clamps

- Locate the slot on the underside if the side rails. Select 2 positions to mount the G clamps on each side rail shown Place the first G clamp as close to the tailgate as possible as indicated below (A) 450mm from rear bracket. The second set of G clamps are positioned as close to the canister as possible as shown below (B) about 700mm from the position (A).
- Once the head of the T bolt is above the lip of the slot, rotate the head 90 degrees till it locks into position.
- Place the short side of the G clamp behind the bin sill and the L side of the G clamp to the T bolt.
- Loosely fasten the G clamp using the M6 nut and washer to the T bolt.
- Repeat the above steps for the remaining 3 positions.

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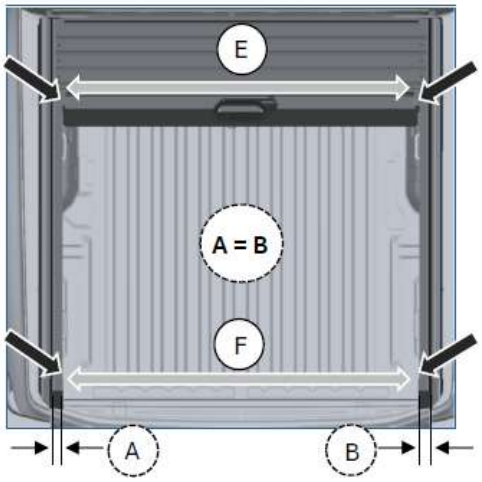
20.1



20.2

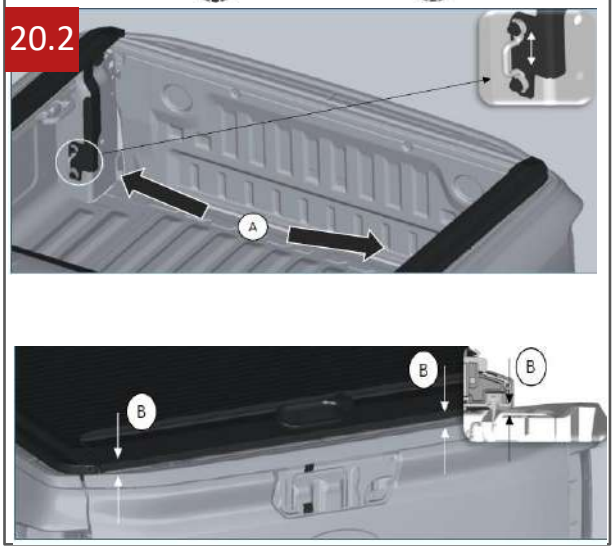


Figure 20

- 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 20.2**.
- **If this gap isn't correct opening & closing of the tailgate & Rollatop will be difficult.**

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Figure 21

- 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 20**.
- 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 22**

See troubleshooting manual for in-depth solutions.

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Figure 22

- Locate the position of the grommets on this inside of the bin against the front wall as shown in **Figure 22**.
- 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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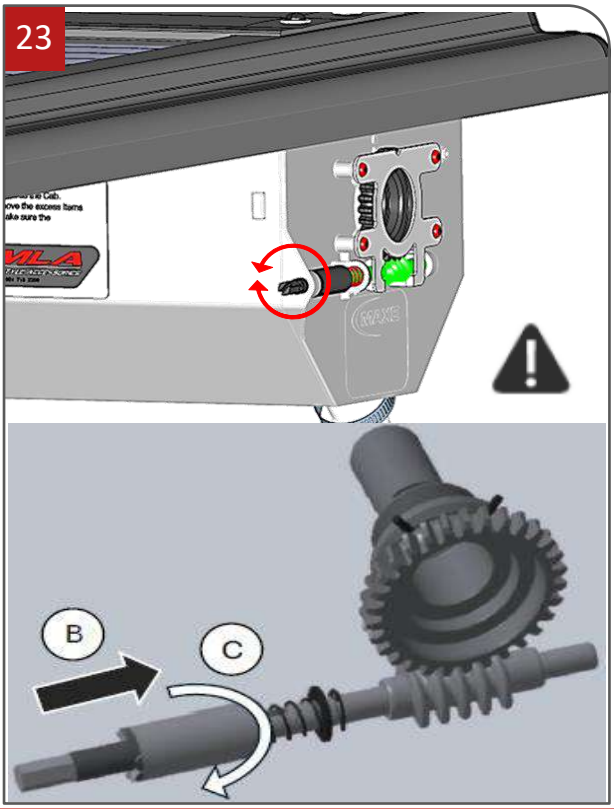

Figure 23

- **Overtightening the main spring will cause damage to the Rollatop. Before tightening it further, make sure nothing else is preventing the Rollatop form 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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1. Please note that modifications or alterations made to any product manufactured by Maxe to enable fitment in conjunction with other vehicle accessories including modifications made to fit lift kits, tonneau covers, etc. and including the any trimming of bars, will void any claims against the manufacturer.
2. Fitment of a Maxe product must be carried out in accordance to the steps specified in the fitting instructions and the correct torque settings must be applied. Failure to comply with these fitting instructions will negate any claims against the manufacturer.
3. Claims will not be entertained if they result from normal wear and tear (e.g.. Stone chips, abrasive cleaning, industrial fallout resulting in contamination, etc.)