

Installation Instruction for Electric Roller Shutter

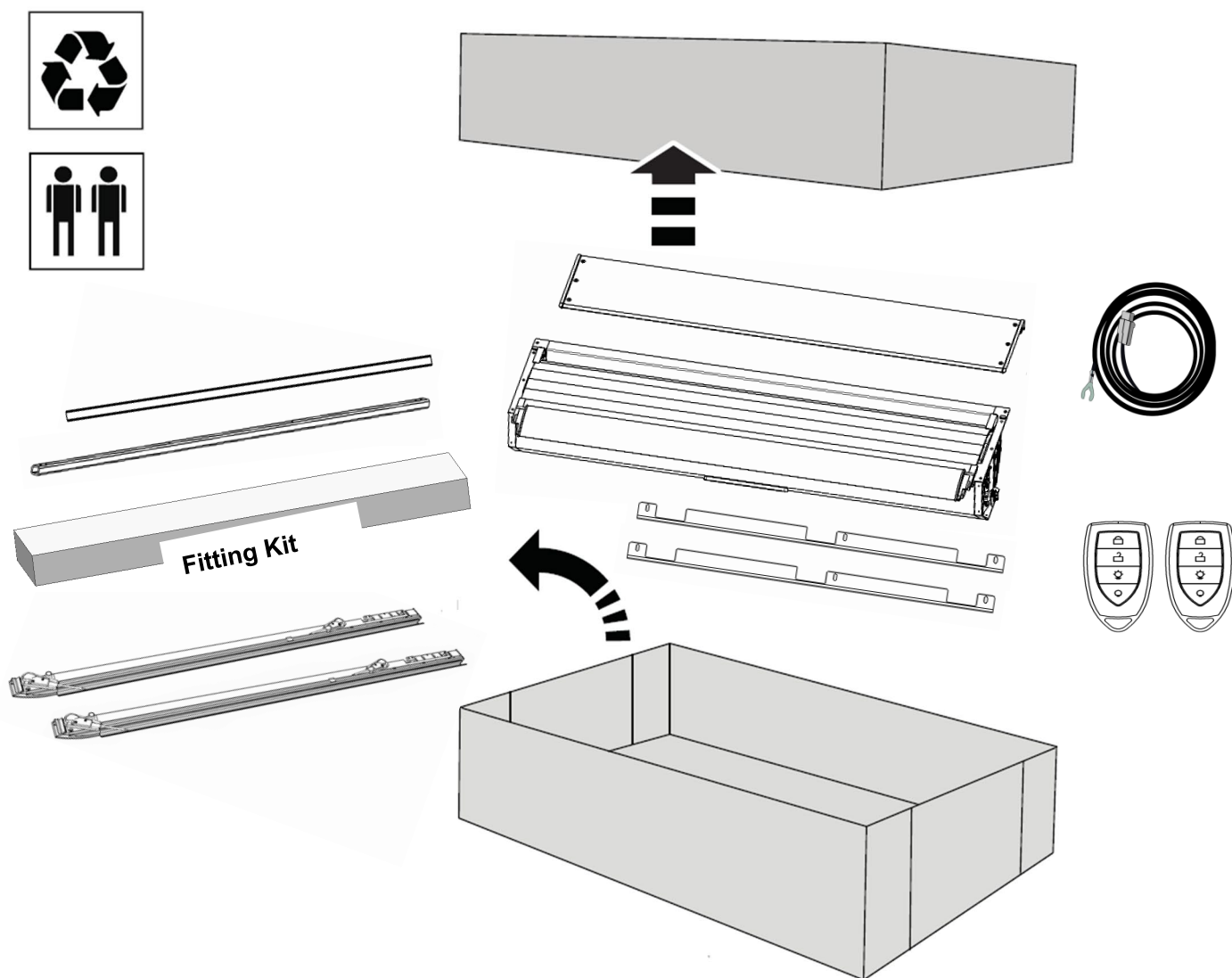
Ford Ranger Wildtrak 2012+



NOTICE:

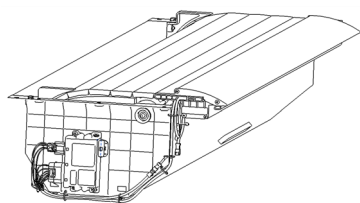
- Please read the instruction completely for easy installation, which will also help you to avoid scratches or other potential damages to your appealing car.
- Please periodically check and retighten all the hardware and clean the investment for a refresh look.
- The figures here are for reference only and may have differences with the actual product you received, however they share the same assembly way.

Over view



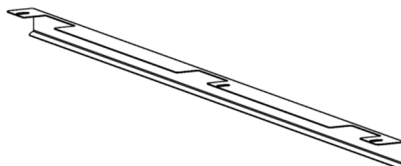
KIT CONTENTS - COMPONENT NUMBER AND QUANTITY

1



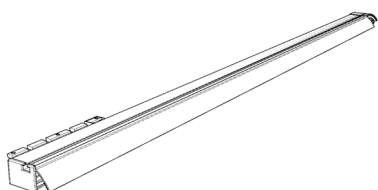
CANISTER ASM. QTY:1

2



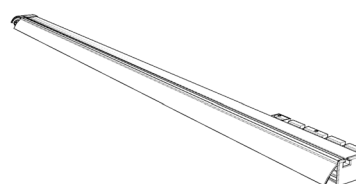
BAFFLE QTY: 2

3



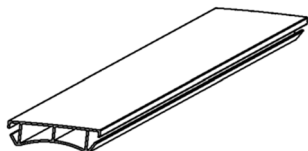
SIDE RAIL (L) QTY:1

4



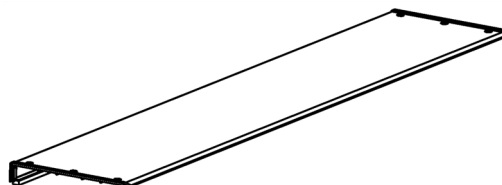
SIDE RAIL (R) QTY:1

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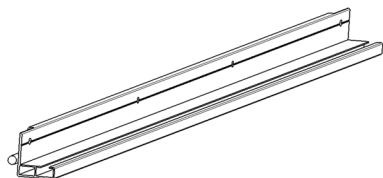
ALU STANDARD BAR QTY: 1

6



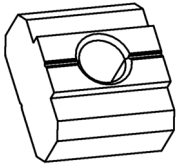
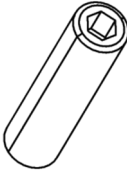
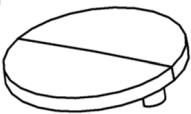
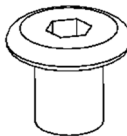
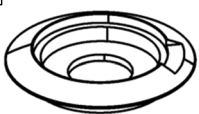
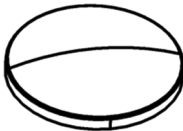
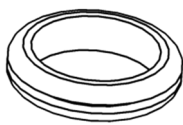
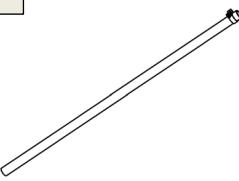
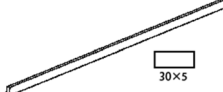
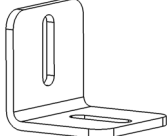
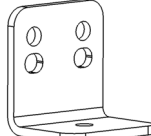
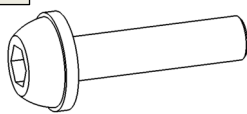
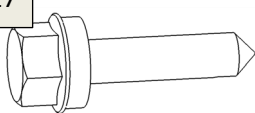
COVER PLATE QTY: 1

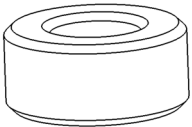
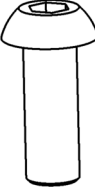
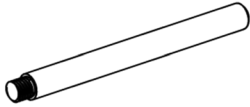
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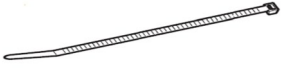
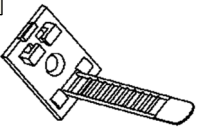
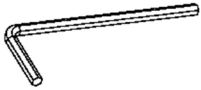


ALU L-SHAPED FRONT BAR QTY:

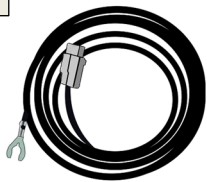
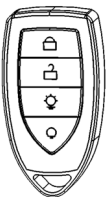
FITTING KIT IN BOX

8  M6 T-Nut QTY: 12	9  Inner Hex Thread Rod M6×25 QTY: 12	10  Large Washer D6 (6x18x1.6mm) QTY:20	11  Flange Nut M6 QTY: 12
12  End cap for side rail QTY:2	13  Inner Hex bolt M5_6 QTY: 6	14  Plastic Base QTY: 6 (For top plate)	15  Plastic Cap QTY: 6 (For top plate)
16  M6×12 (BLACK) QTY: 6	17  Front Drainage Tube QTY: 2	18  Rubber Washer 56x43x3 QTY: 2	19  Grommet QTY: 2
20  Rear Drainage Tube QTY: 2	21  Rear Foam Tape (1650×30×5) QTY: 2	22  Bracket 1 QTY: 4	23  Bracket 2 QTY: 4
24  Rear Long Bracket (L) QTY: 1	25  Rear Long Bracket (R) QTY: 1	26  Inner Hex bolt M6_25 QTY: 2	27  Self-tapping screws with rubber washer ST4.8_22 QTY: 2

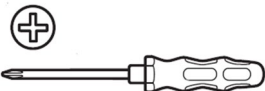
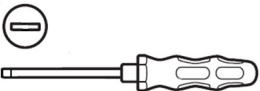
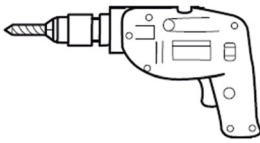
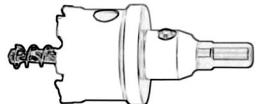
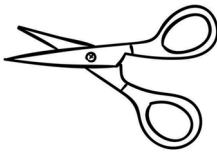
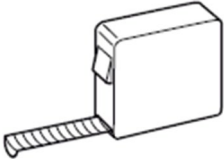
28		29		30		31	
Alu Ring (6*12*5.5) QTY: 2		Spring Washer D6 QTY: 4		Inner Hex Bolt M6_16 QTY: 4		Rod for Gear box QTY: 1	

32		33		34		35	
Nylon Cable Tie (2.5x140) QTY: 10		Cable Tie with holder QTY: 8		Allen Wrench S=5 QTY: 1		Allen Wrench S=3 QTY: 1	

FITTING KIT ADDITIONAL ITEMS

36		37		38		39	
WIRE HARNESS QTY: 1		REMOTE CONTROL QTY: 2		INSTALLATION INSTRUCTIONS QTY: 1		OWNERS MANUAL QTY: 1	

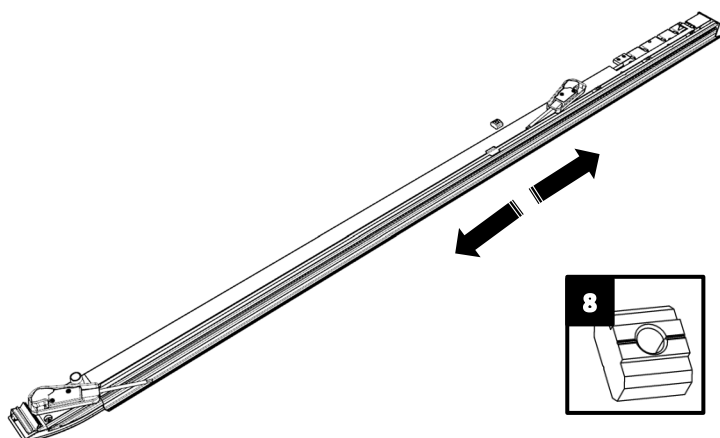
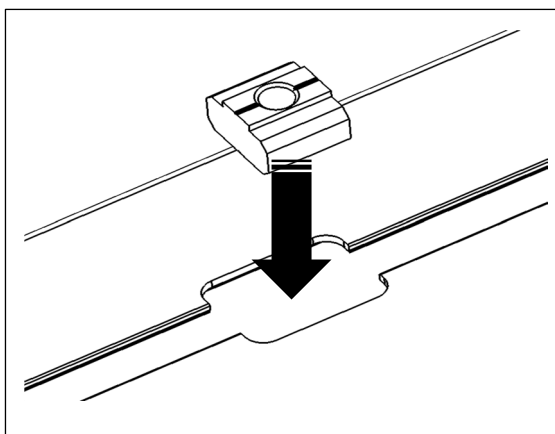
TOOLS REQUIRED – NOT SUPPLIED IN KIT

			
Phillips Screwdriver	Flat Screwdriver	Drill	Holesaw
			
Drill Bits	Scissors	Spanners 10mm	Tape measure

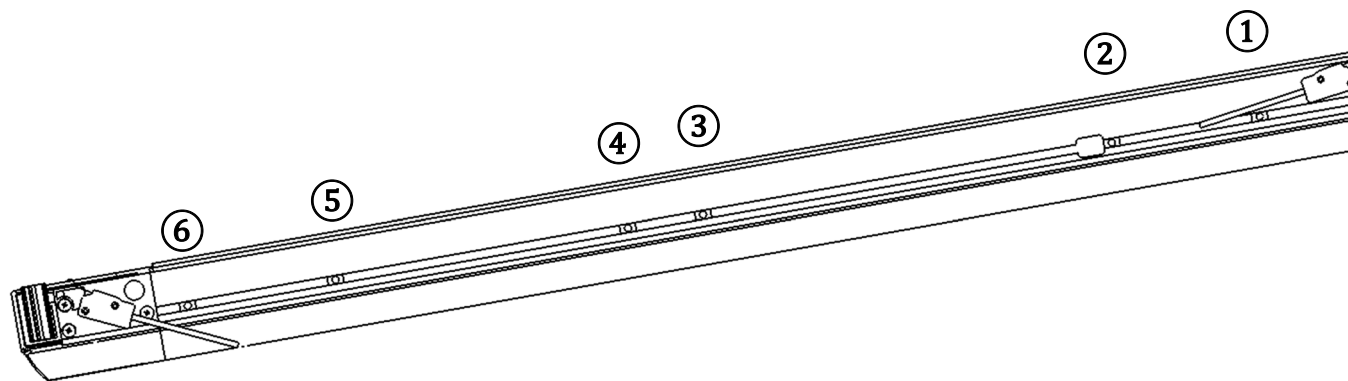


Non-permanent pen

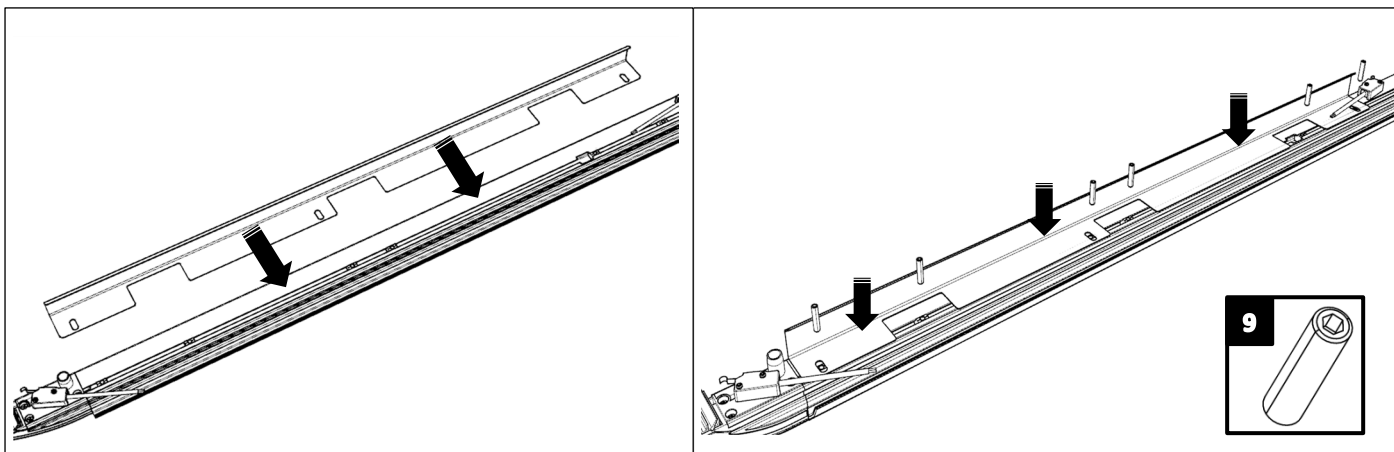
SIDE RAIL INSTALLATION



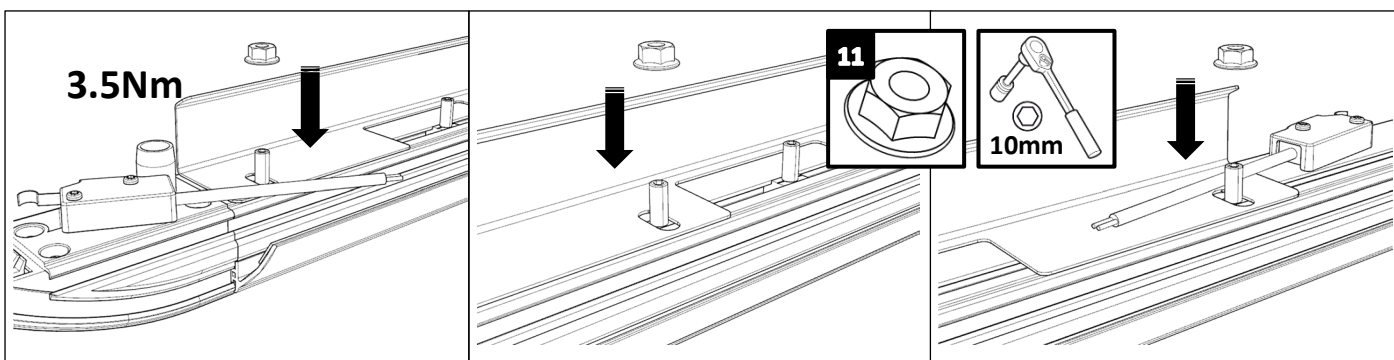
Slide the T-Nuts into side rails ,6 pieces on each side.



Slide the T-Nuts to appropriate position, as above picture shows. Two of them will be slid towards the front side.

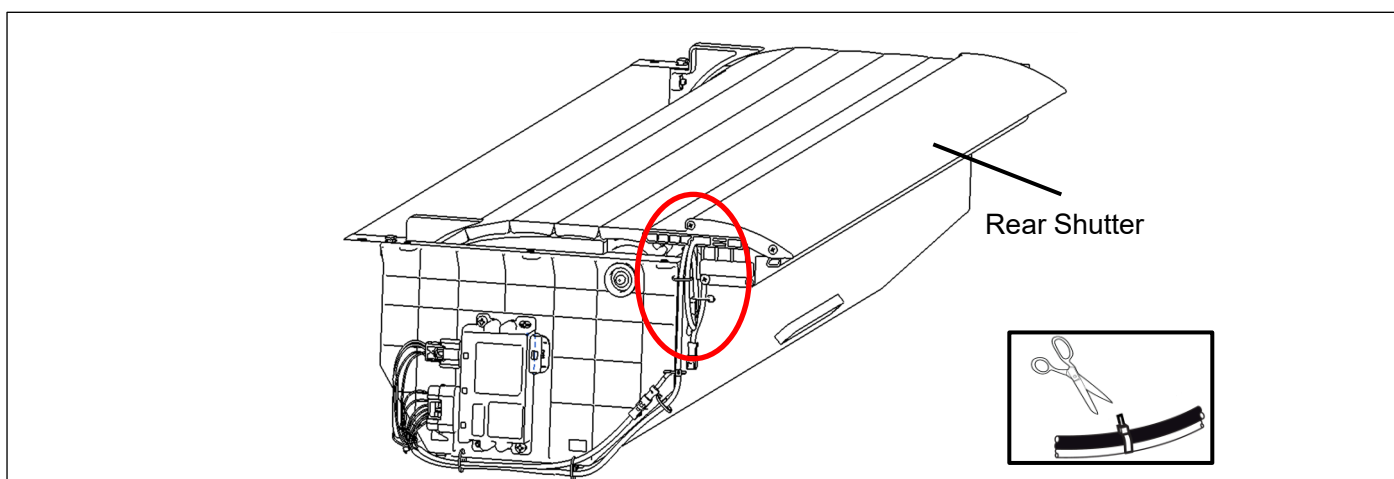


Install the baffle; adjust the T-Nuts to appropriate position. Then put on the M6× 25 Inner Hex thread rod.

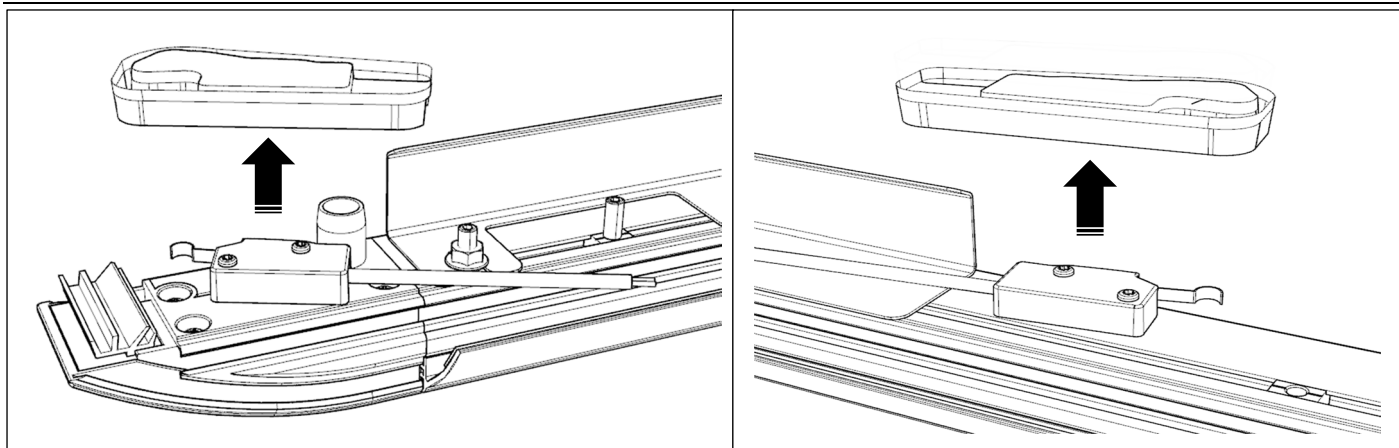


Fasten the baffle with 3 pieces flange nuts.

SIDE RAIL & CANISTER

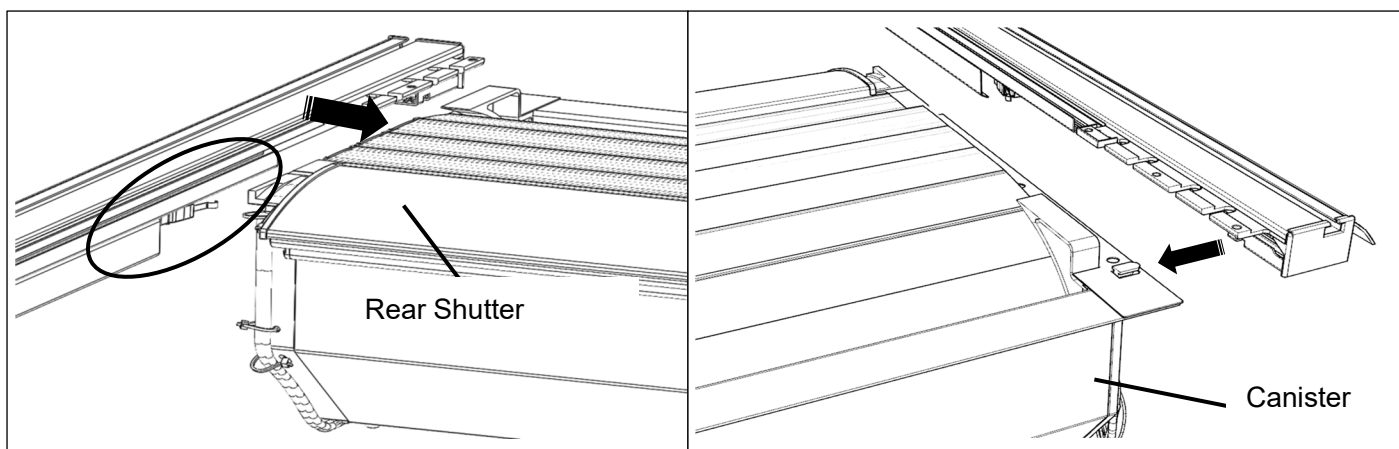


Pull out the shutters a little bit, release the cable tie for switch



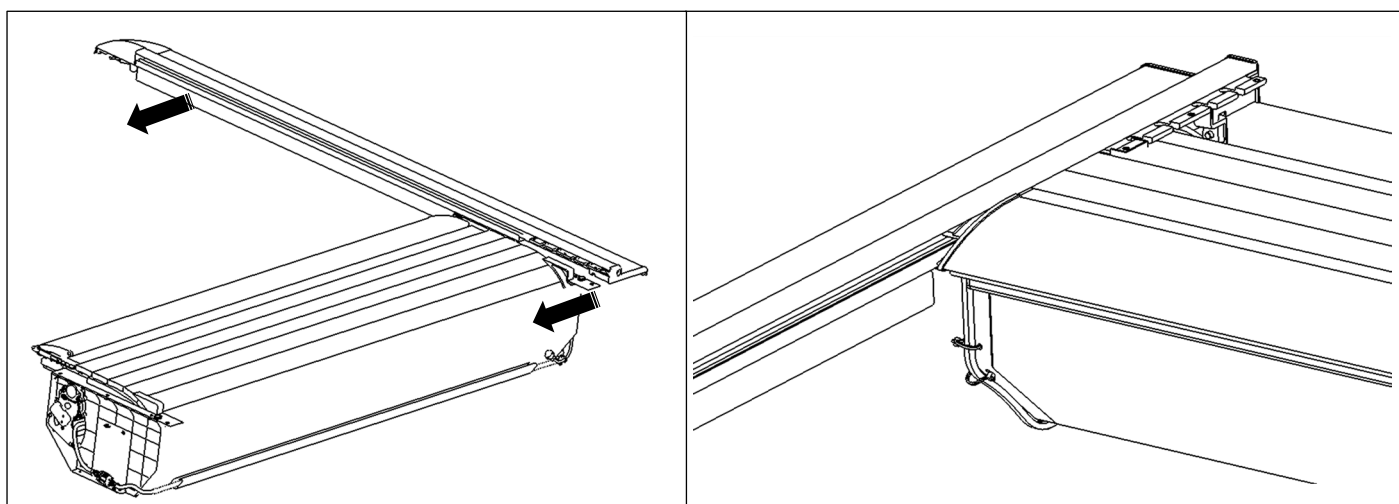
Loosen the tap screw a little bit, and then remove the blister packing on the switch.

△Notice: Loosen the screw a little is enough, do not take them out

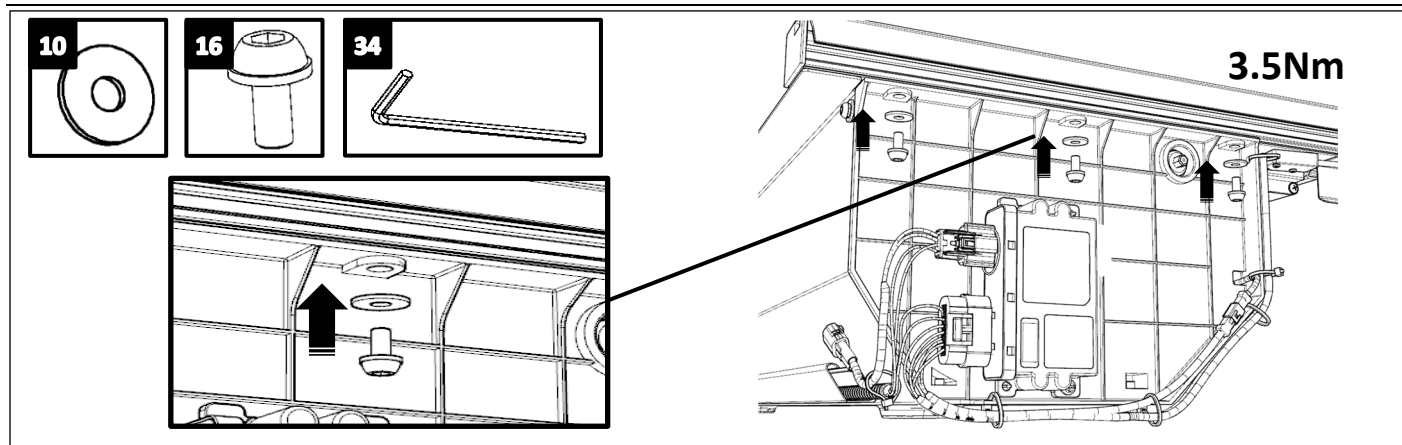


Place the side rail on and align.

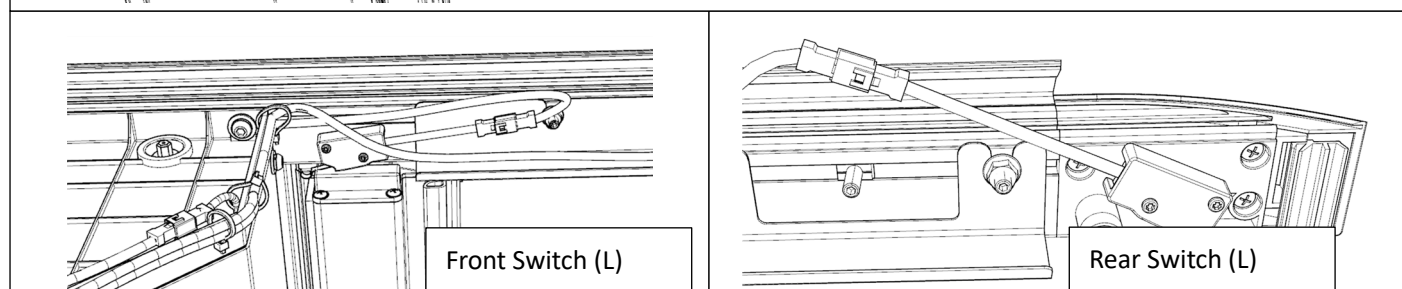
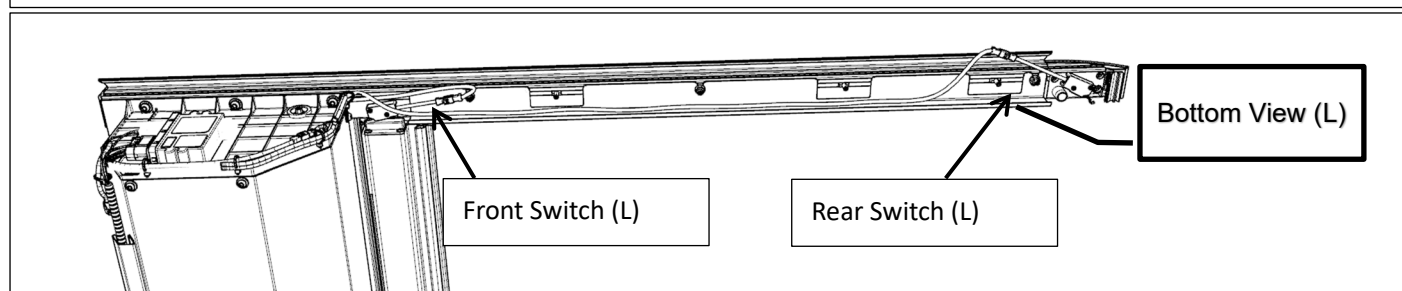
△Notice: Be careful, the switch may get damaged if it hit the canister harshly.



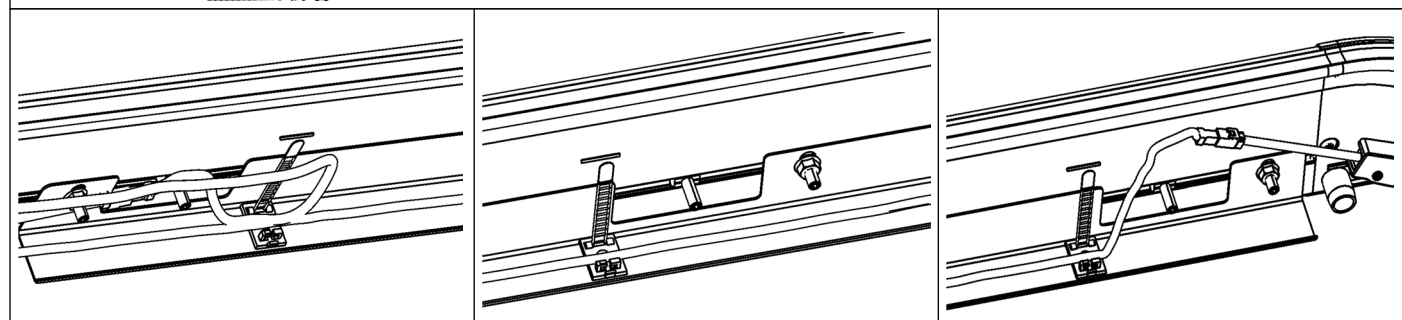
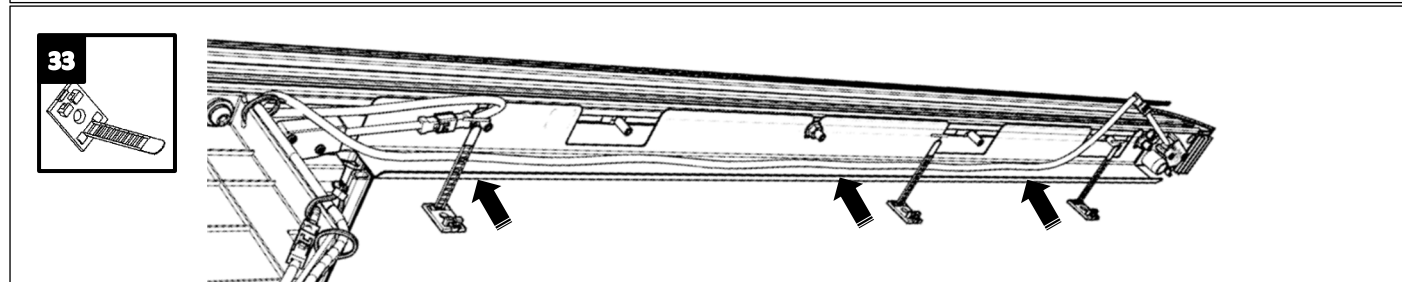
Install the side rail, align to the canister.



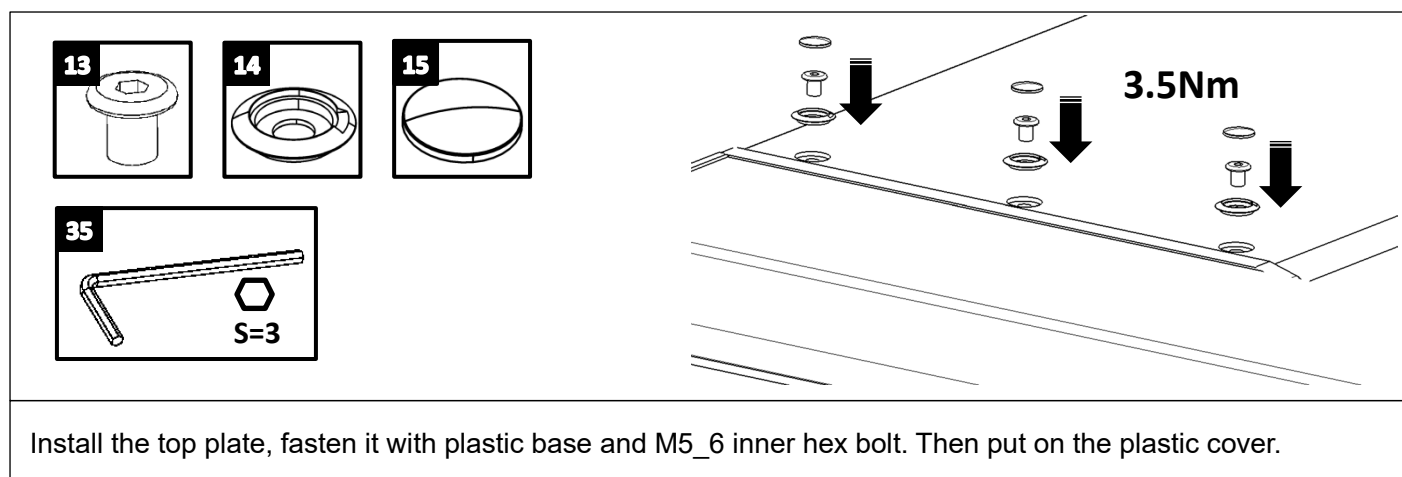
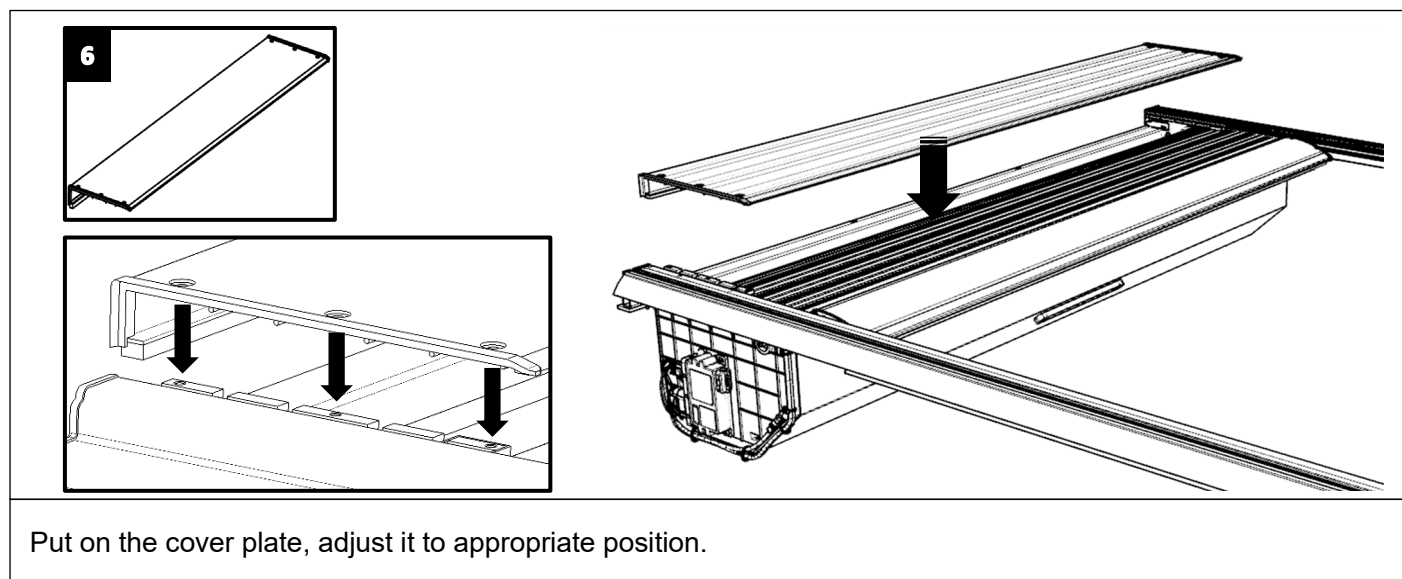
Place the side rail and align, tighten it with M6 Bolt combo



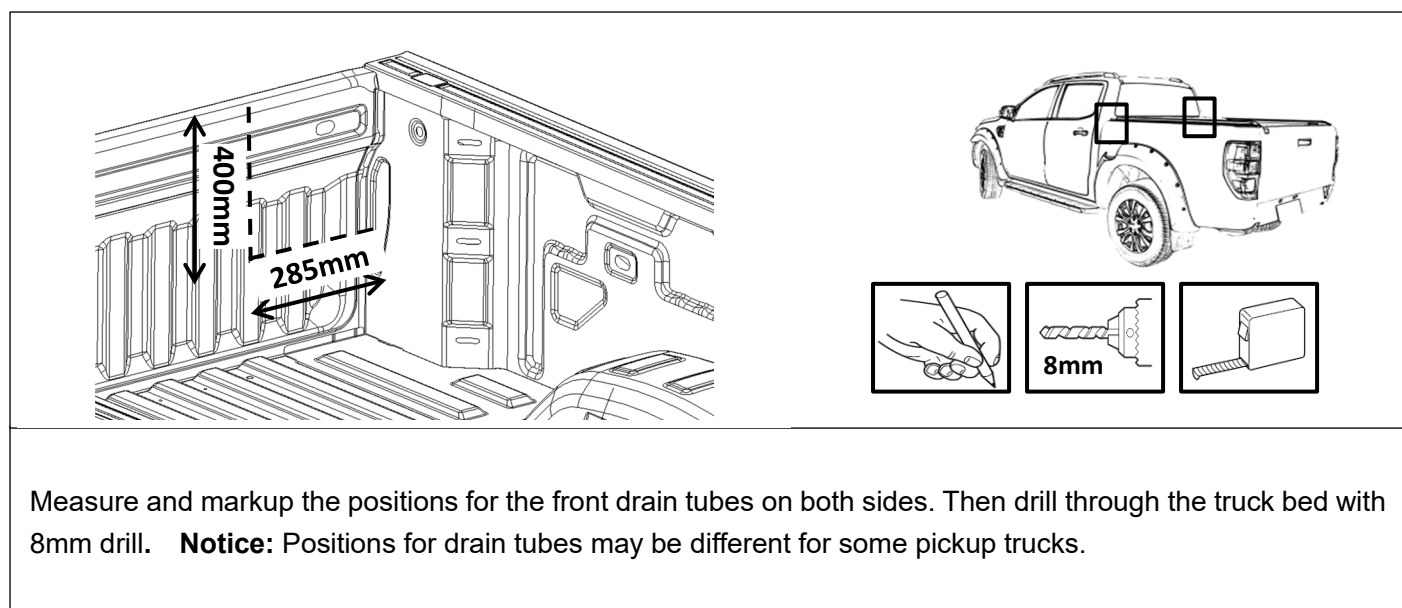
Connect the wire harness for switches; each wire will have a label to classify.

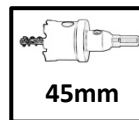
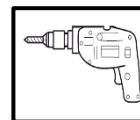
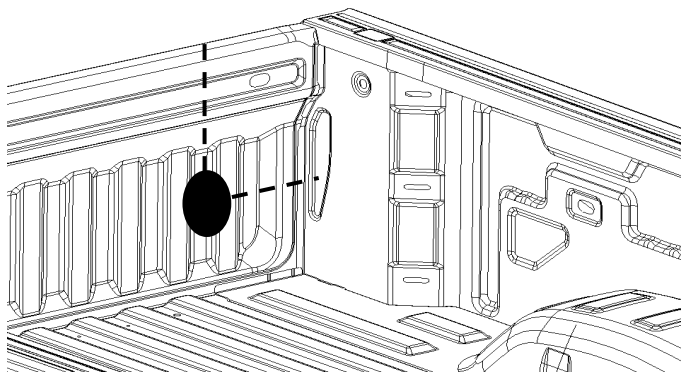


Peel off the protective film, stick the cable tie holder on inner side of the baffle. Stick 3 pieces on each baffle. Assembly way is same on both sides.



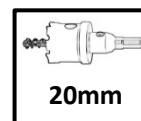
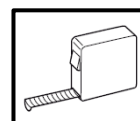
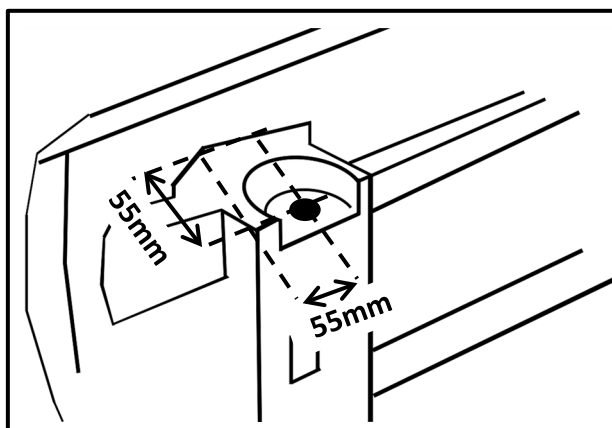
Drilling Holes for Drainage Tube



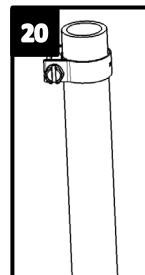
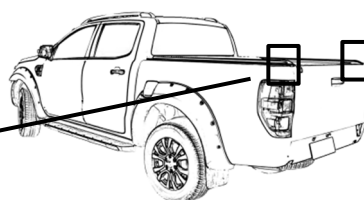


45mm

Drill out the front pilot holes in the truck bed with 45mm holesaw. To avoid getting rust, you should paint the drain hole on truck bed before putting on the grommet.



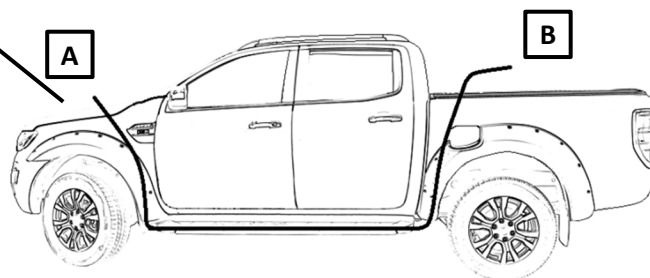
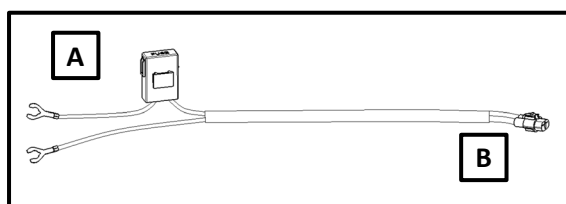
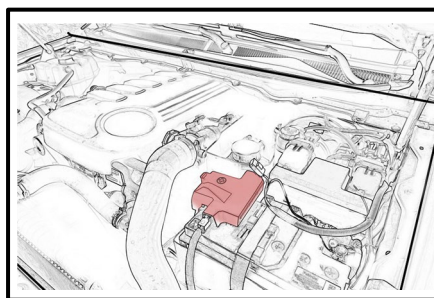
20mm



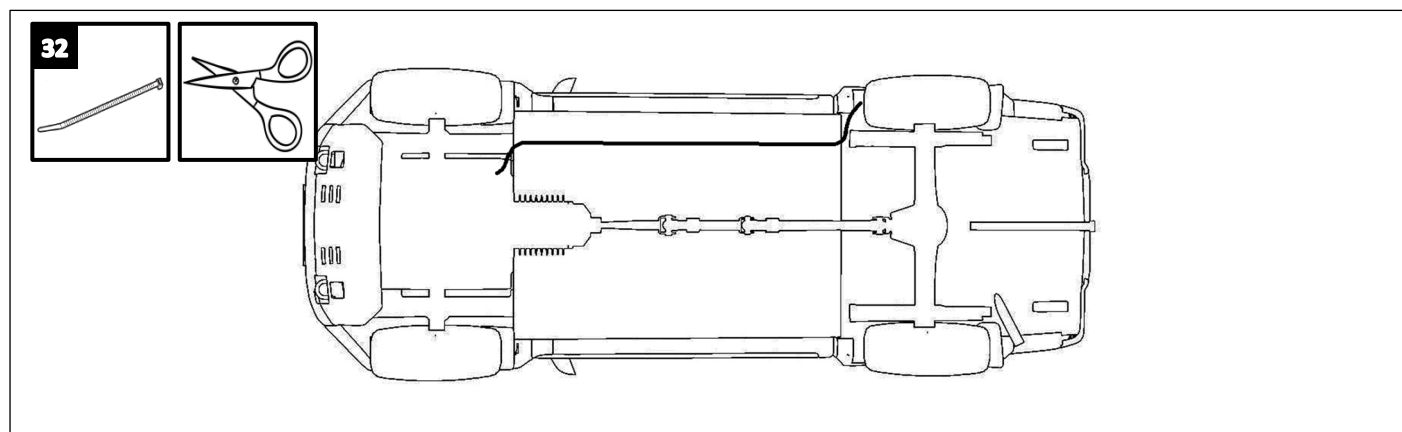
20

Measure and markup the positions for the rear drain tubes on both sides. Drill the locations with 20mm holesaw. Notice: Just for reference, for some vehicles the rear drain hole positions would be different.

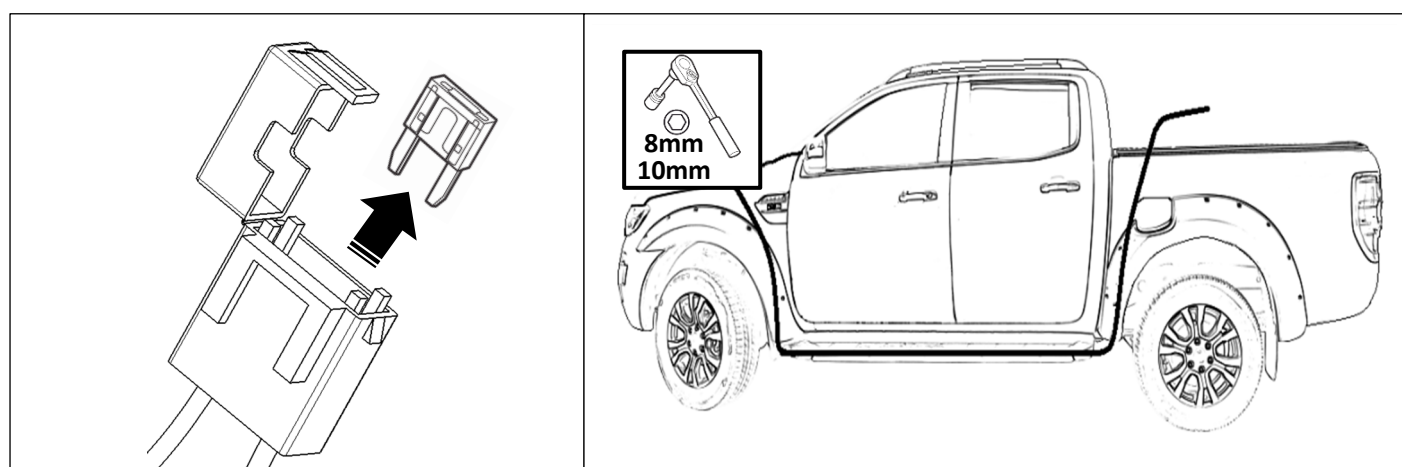
Route the Wiring Harness



Starting from the chassis rail in front of the LHS rear wheel, feed the wire harness to vehicle battery through chassis.

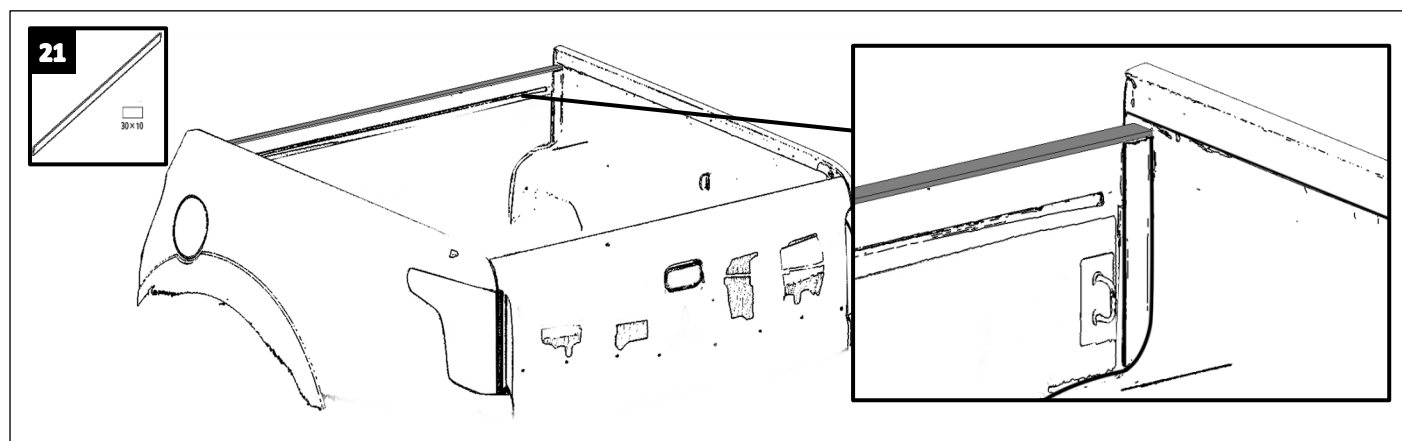


Attach the wiring harness to the chassis rail using hole in the tab mount, use cable tie.

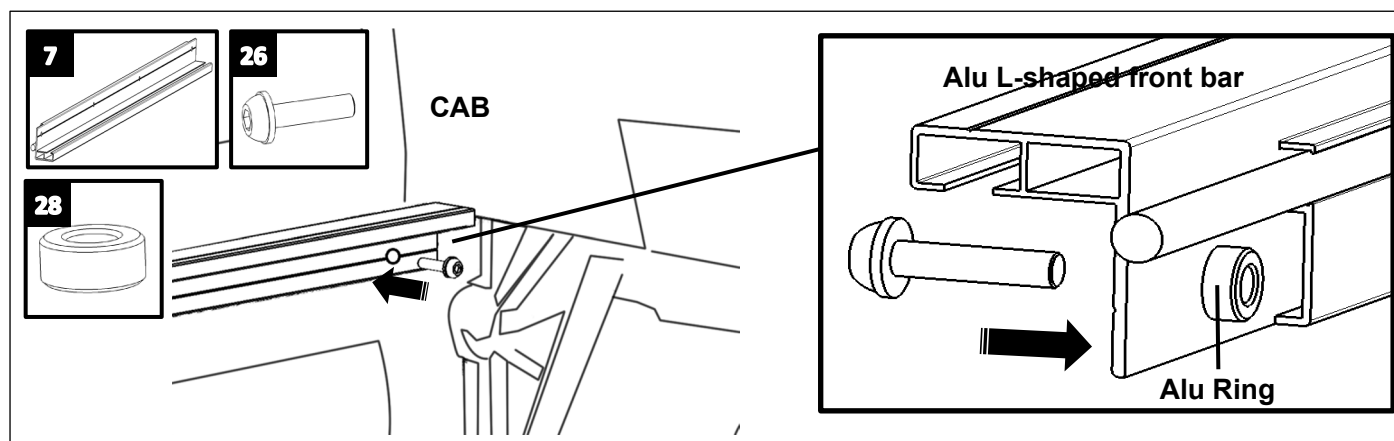


Remove the fuse from fuse holder. Connect the vehicle harness to the positive and negative terminals of the battery. **NOTE: Black- Negative; Red- Positive. Fit fuse to the fuse holder on the harness.**

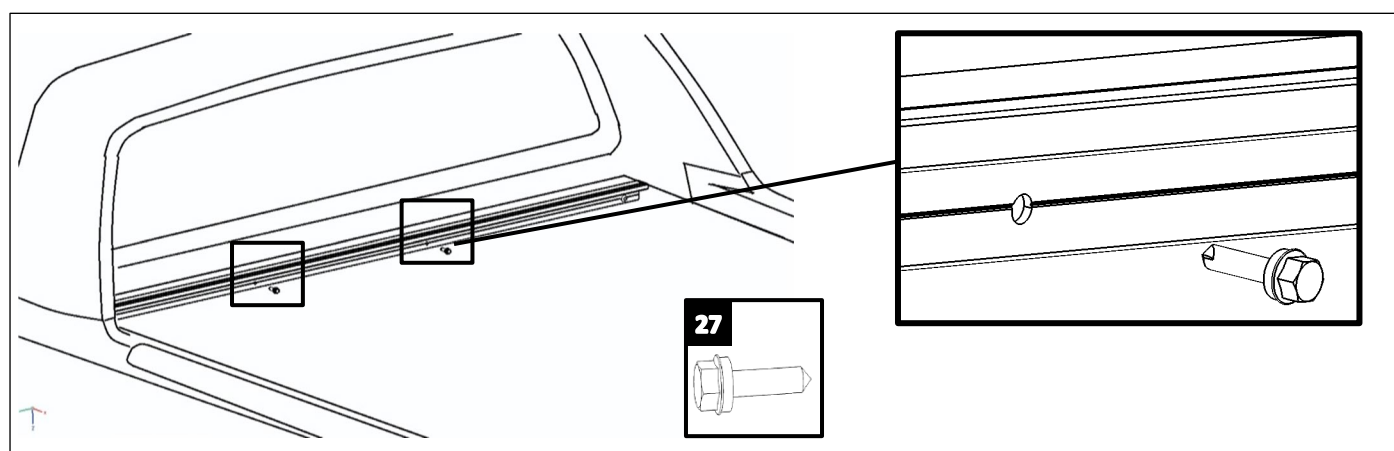
Put the Roller Shutter on Truck Bed



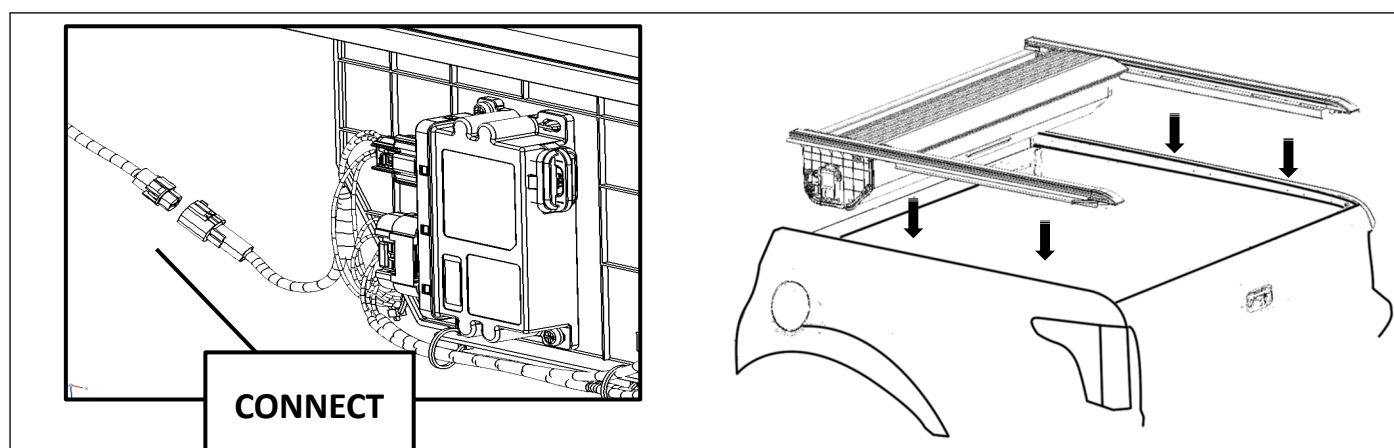
Install the front foam tape on the top of the bulkhead.



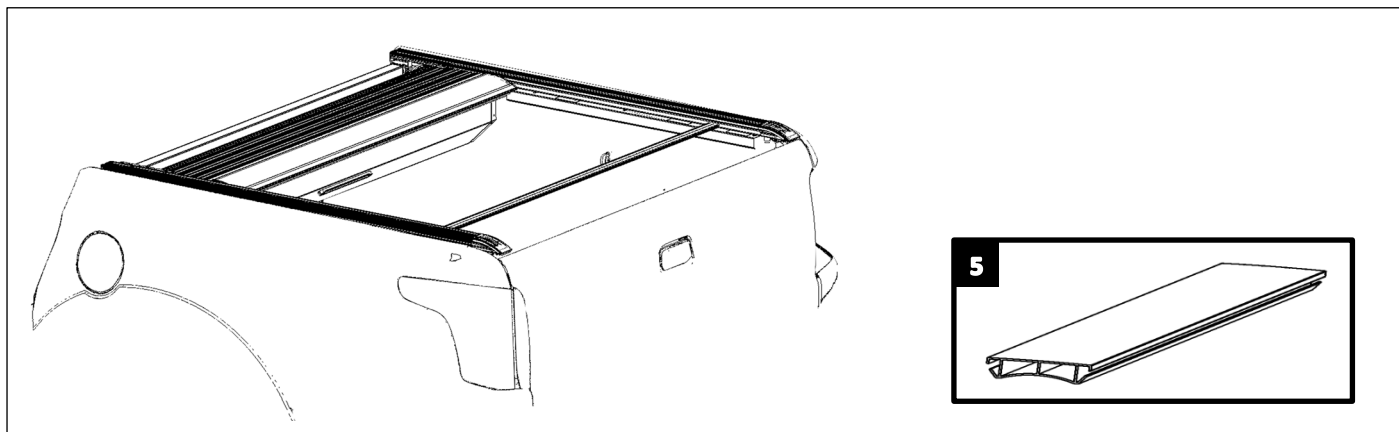
Install the Aluminum L-shaped bar on front of the truck bed, fasten it with M6_25 Inner hex bolt and Aluminum ring.



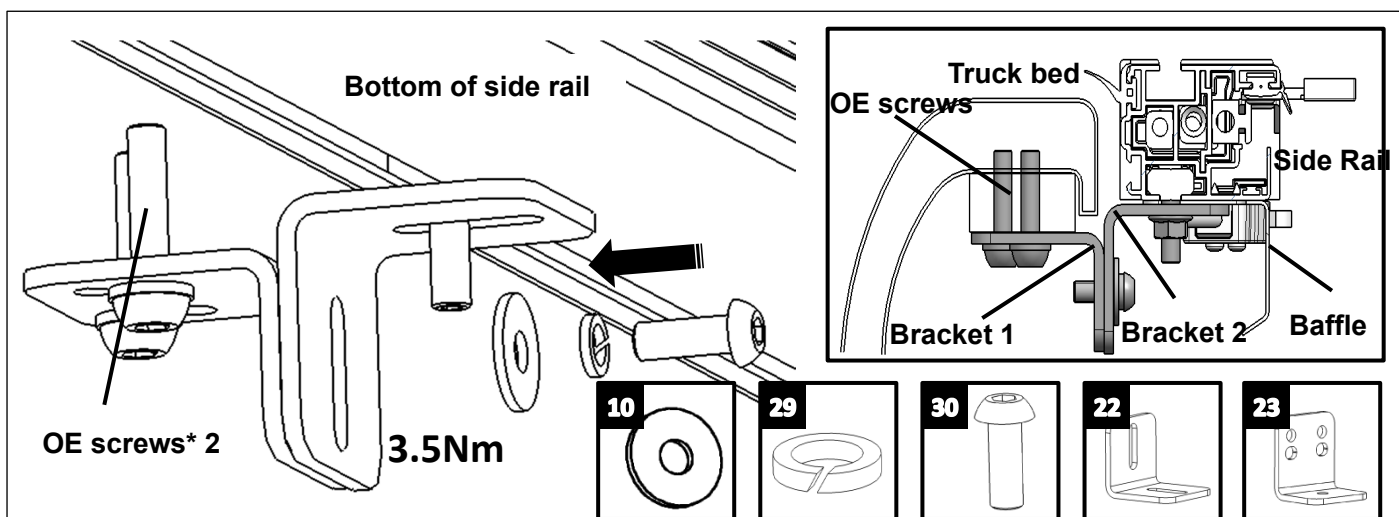
As above picture shows, fasten the Alu front bar with 2pcs self-tapping screws (ST4.8_22).



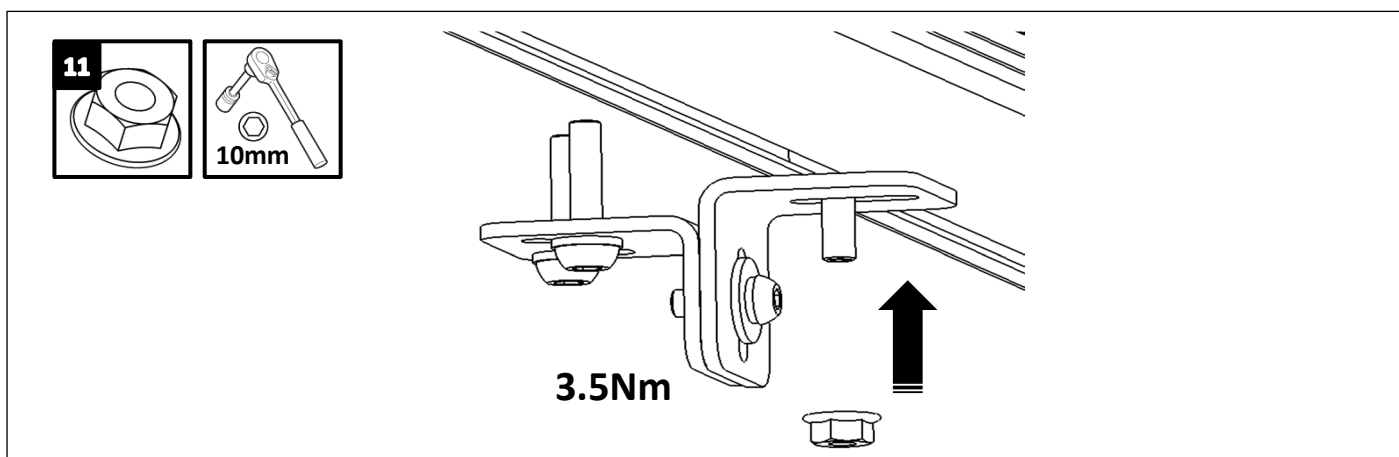
Put the roller shutter on truck bed, and then connect the wire harness.



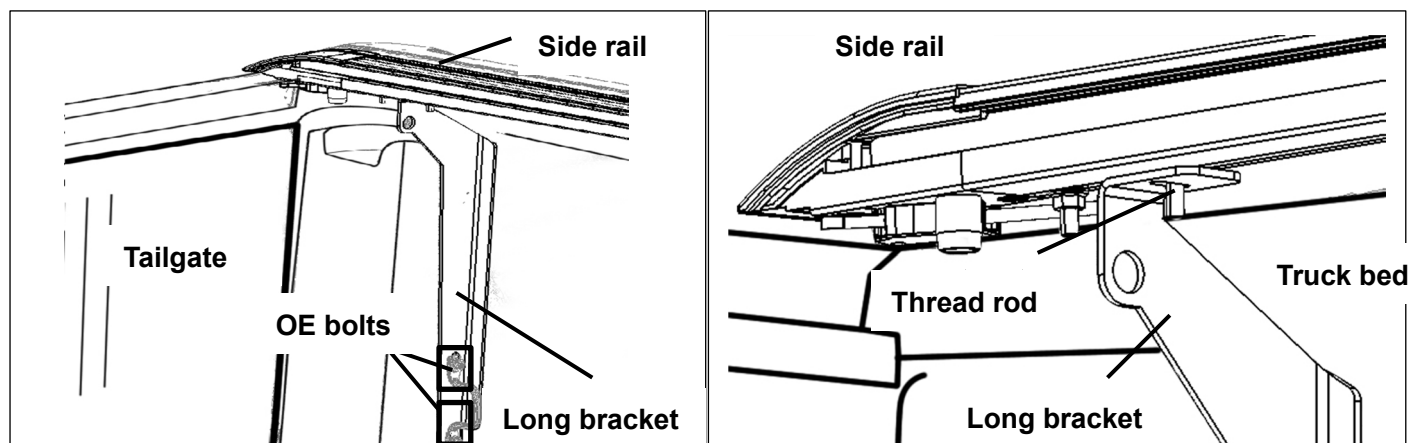
Put on the Aluminum standard bar, to keep the side rails on parallel status.



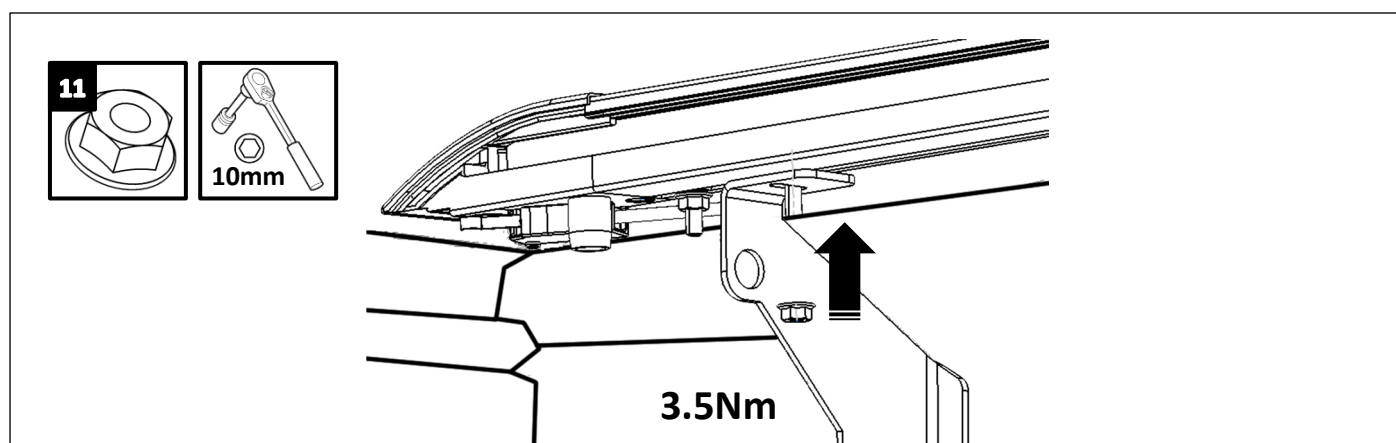
Connect bracket 1 and bracket 2 with Inner Hex bolt combo, place the side on top of the bracket 2.



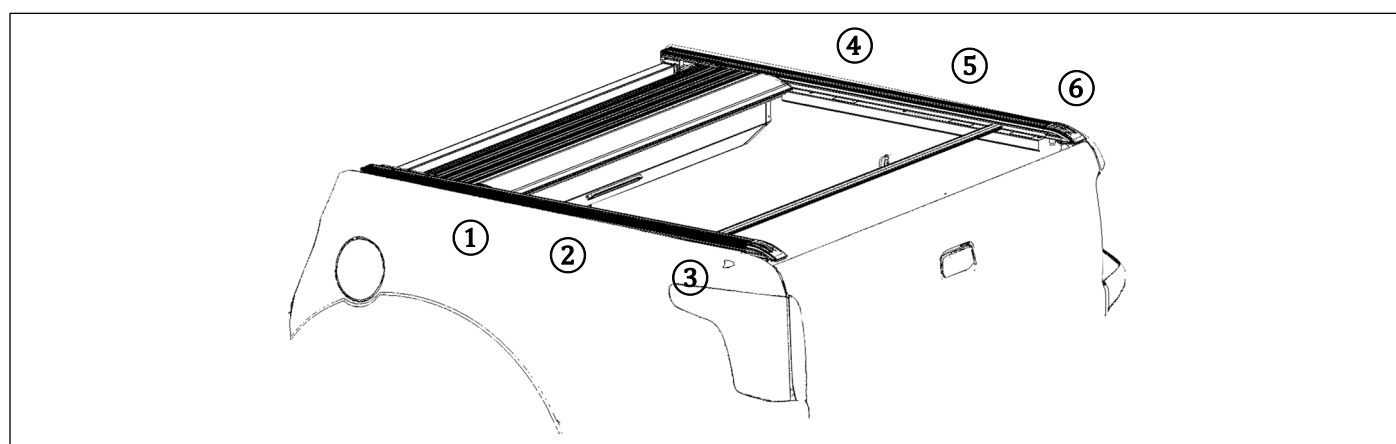
Install bracket 2 with side rail, fasten it with M6 flange nut..



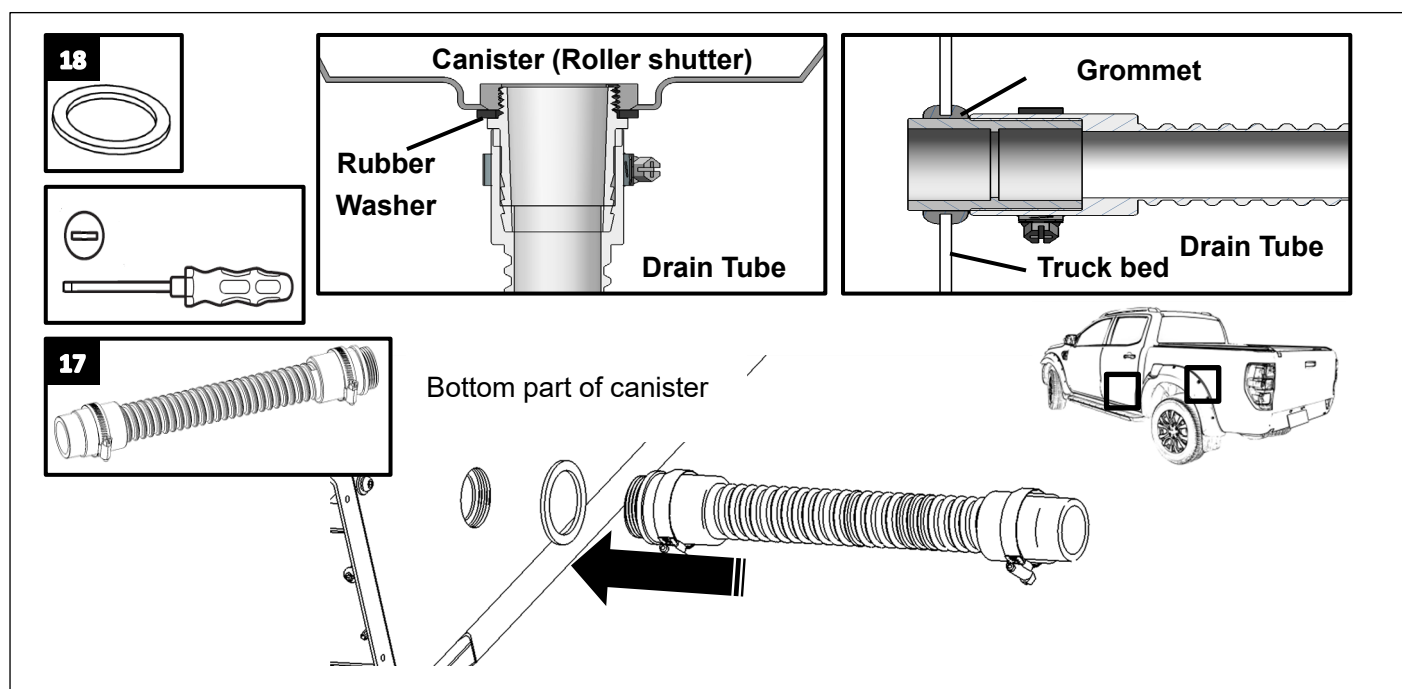
Install the rear long bracket on truck bed with OE bolts.



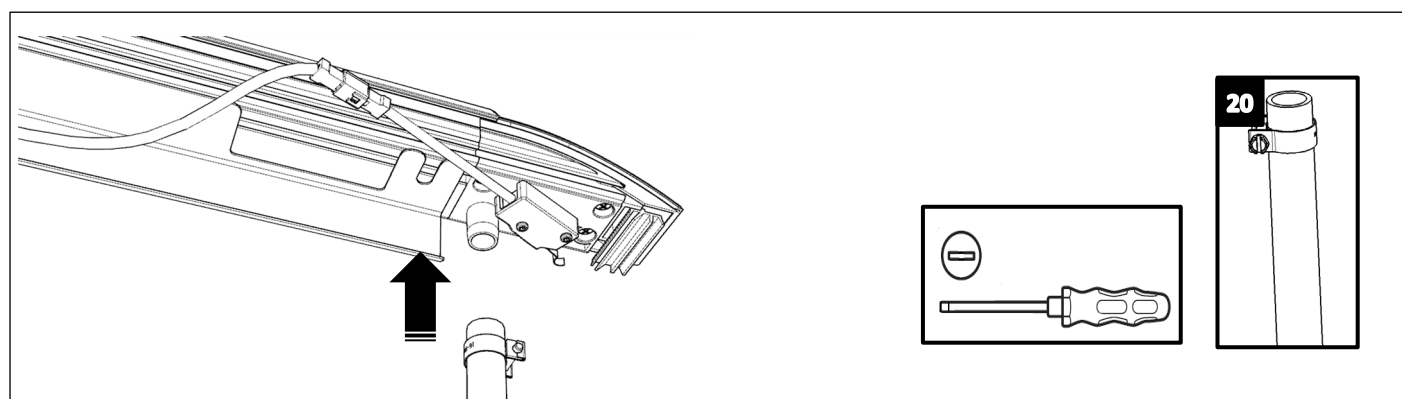
Fasten the rear long bracket with M6 flange nut.



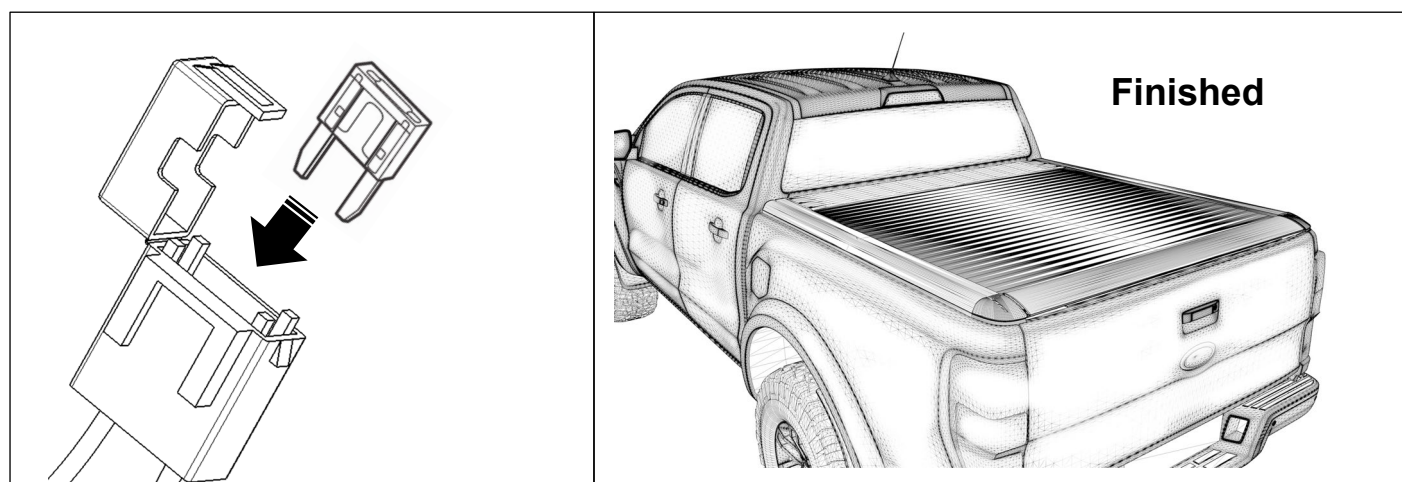
Adjust the height of the roller shutter, fasten the brackets on ① ② ③ ④ ⑤ ⑥ .



Put the rubber washer on the front drain tube (the threaded side), then install the drain tube on canister. Thread the front drain tube to the truck bed, fasten the hose clamp.



Install the rear drain tube, fasten the hose clamp.



Finally insert the 25A fuse back to the fuse box, then the installation is complete.
Notice: There is no distinction between the front and the back side of the fuse.