SUPREME INNOVATIONS

SUPREME ELECTRIC

ROLLER SHUTTER

INSTALLATION MANUAL

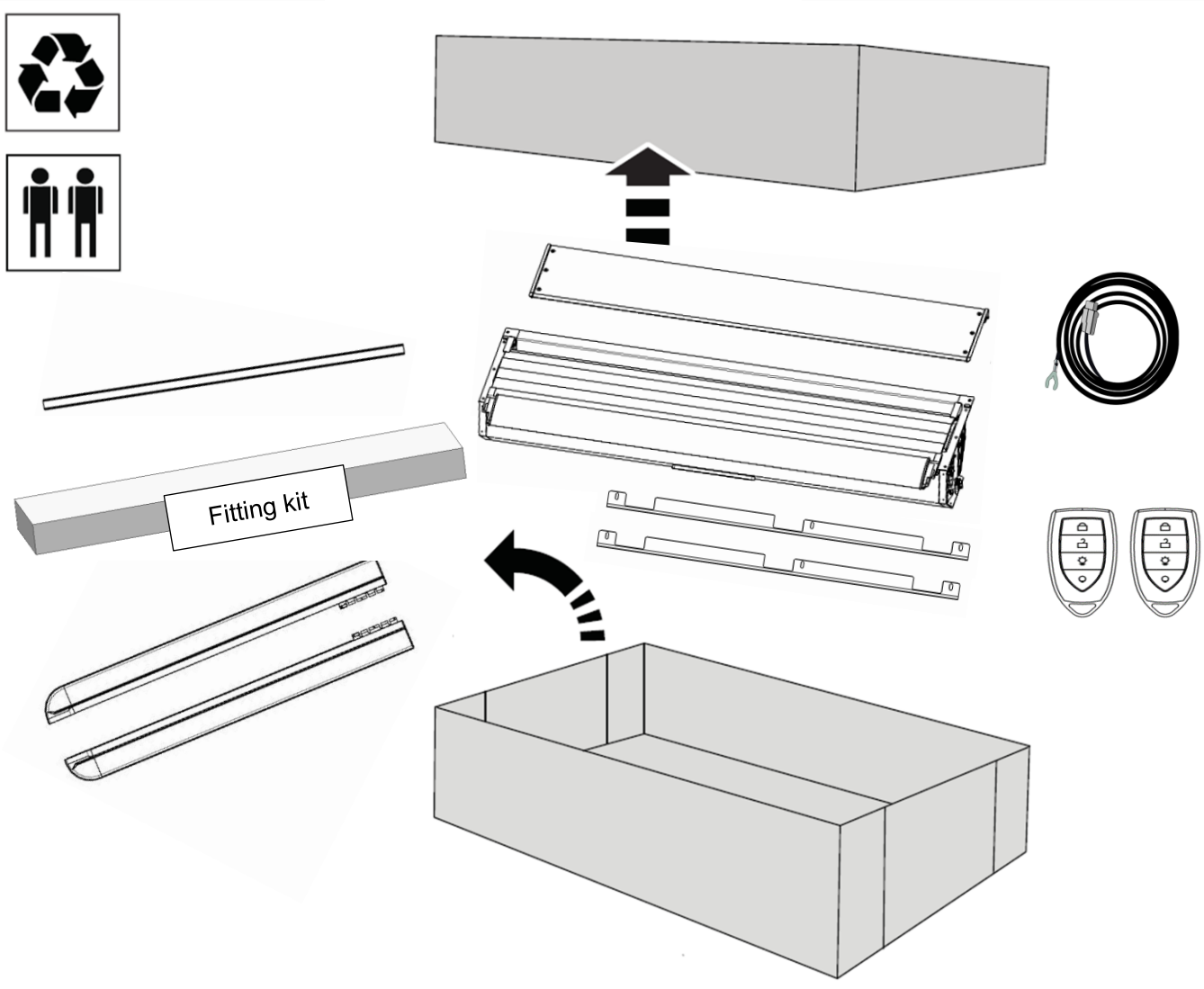
Next GEN Ranger/Raptor

IMPORTANT

·Please read through the instructions completely for correct and easy installation, following these instructions carefully will help to avoid scratches or other potential damage to your vehicle.

·For the longevity and functionality of your Supreme Electric Roller Shutter, please periodically check and retighten all the hardware and clean any debris build up.

·The figures here may vary slightly with the actual product measurements, however this will not directly affect or cause any issues with the assembly method.

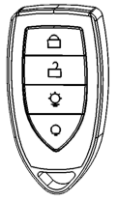


MISCELLANOUS ITEMS

30

WIRE HARNESS
QTY: 1

31



REMOTE CONTROL
QTY: 2

32

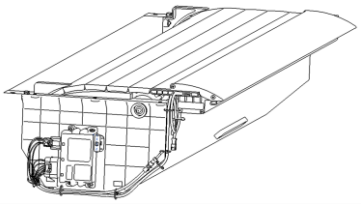
INSTALLATION MANUAL
QTY: 1

33

OWNERS MANUAL
QTY: 1

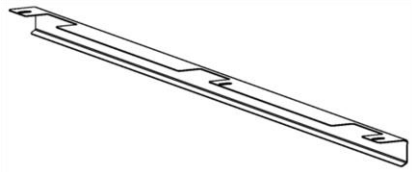
CONTENTS - COMPONENTS AND QUANTITY

1



CANISTER ASM. QTY: 1

2



BAFFLE QTY: 2

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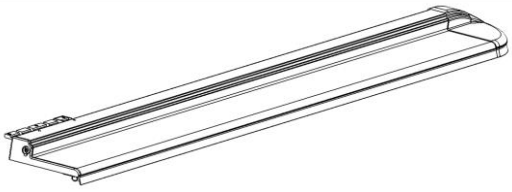
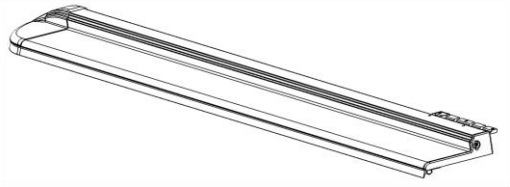


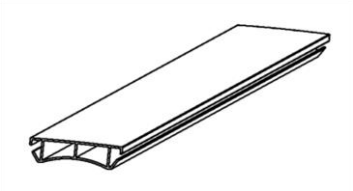
SIDE RAIL（L） QTY: 1

4



SIDE RAIL（R） QTY: 1

5



ALU STANDARD BAR QTY: 1

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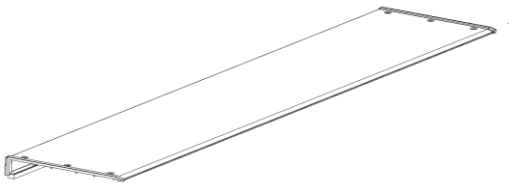
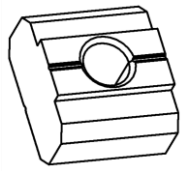


COVER PLATE QTY: 1

FITTING KIT IN BOX

7



M6 T-Nut
QTY: 12

8

Inner Hex Thread Rod
M6×25
QTY: 12

9

Large Washer D6
(6x18x1.6mm)
QTY: 20

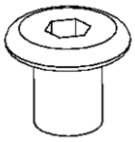
10

Flange Nut M6
QTY: 12

11

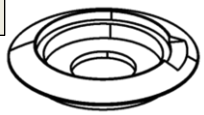
End Cap for Side Rail
QTY: 2

12



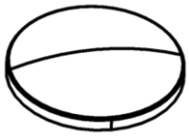
Inner Hex Bolt M5_6
QTY: 6

13



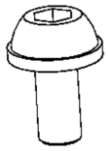
Plastic Base
(For Top Plate)
QTY: 6

14



Plastic Cap
(For Top Plate)
QTY: 6

15

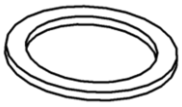


M6×12（BLACK）
QTY: 8

16

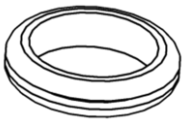
Front Drainage Tube
QTY: 2

17



Rubber Washer
56x43x3
QTY: 2

18

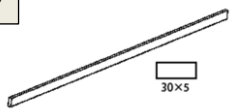


Grommet
QTY: 2

19

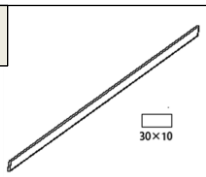
Rear Drainage Tube
QTY: 2

20



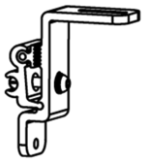
Rear Foam Tape
（1650×30×5）
QTY: 1

21



Front Foam Tape
（1650×30×10）
QTY: 1

22



Clamp
QTY: 6

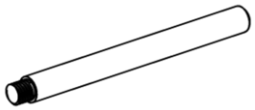
23

Rubber Pad
QTY: 4

24

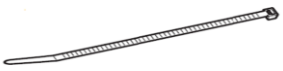
Inner Hex Bolt M8×45
QTY: 6

25



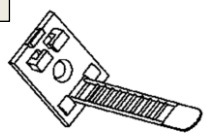
Rod for Gear Box
QTY: 1

26



Nylon Cable Tie
（2.5x140） QTY: 10

27



Cable Tie with Holder
QTY: 10

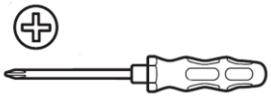
28

Allen Wrench S=5
QTY: 1

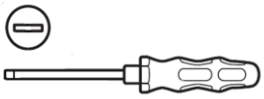
29

Allen Wrench S=3
QTY: 1

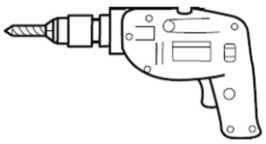
TOOLS REQUIRED – NOT SUPPLIED IN KIT



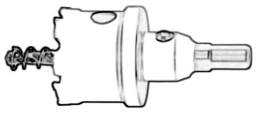
Phillips Screwdriver



Flat Screwdriver

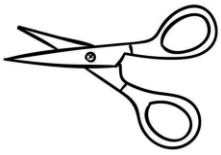


Drill



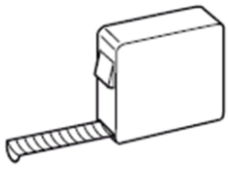
Hole Saw

Drill Bits



Scissors

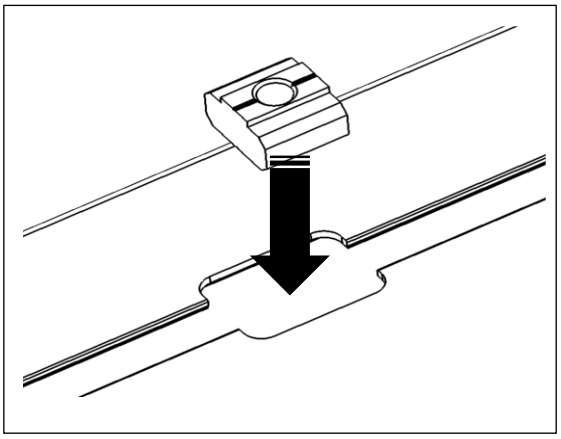
Ratchet & Socket 10mm

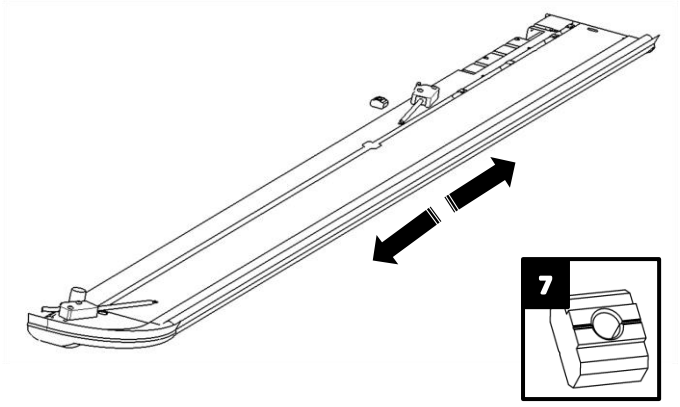


Tape measure

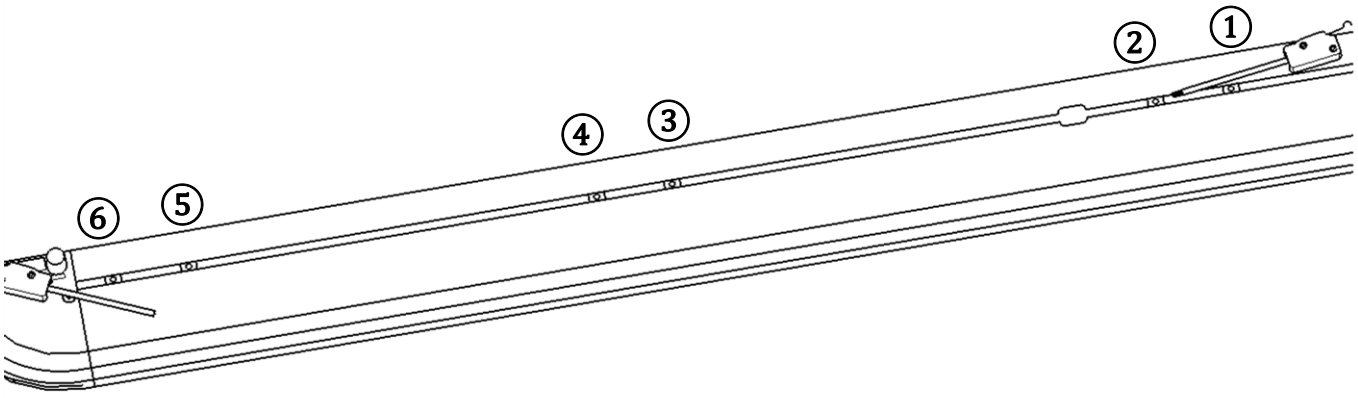
Non-permanent pen

SIDE RAIL INSTALLATION

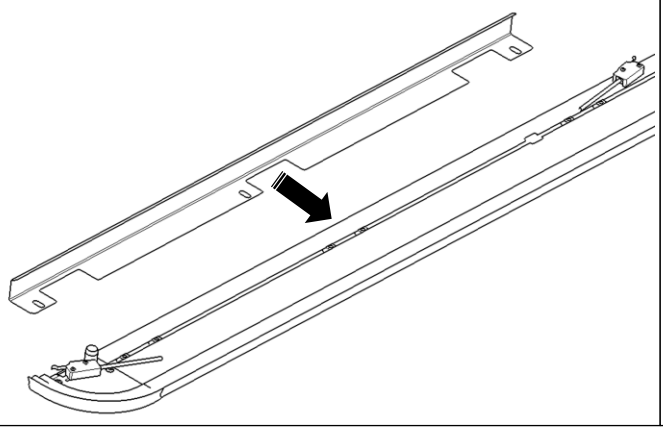


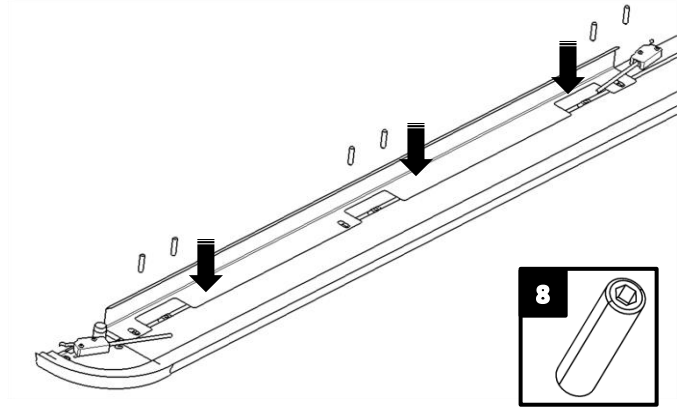


Slide the T-Nuts into side rails, 6 pieces on each side.

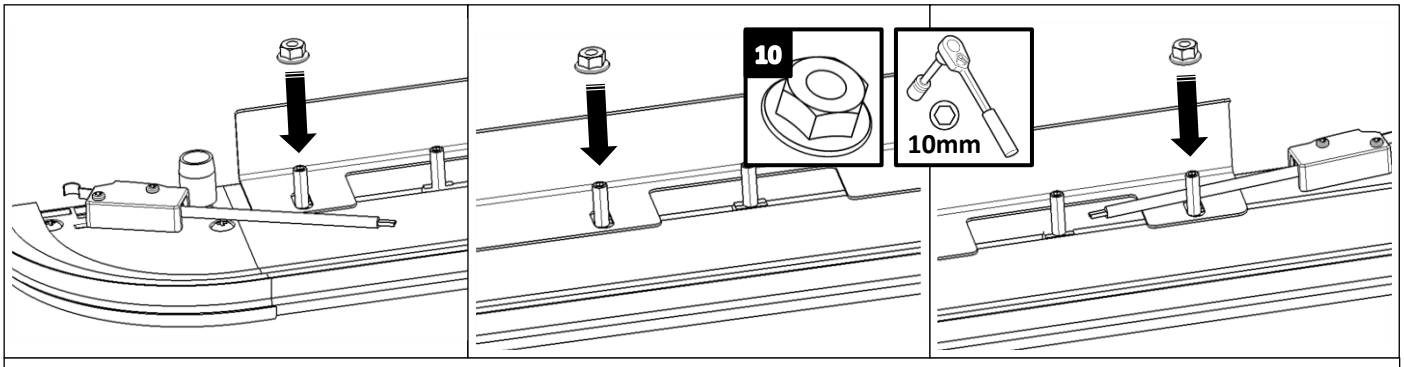


Slide the T-Nuts to the appropriate positions, as shown above. Two of them will be slid towards the front end.

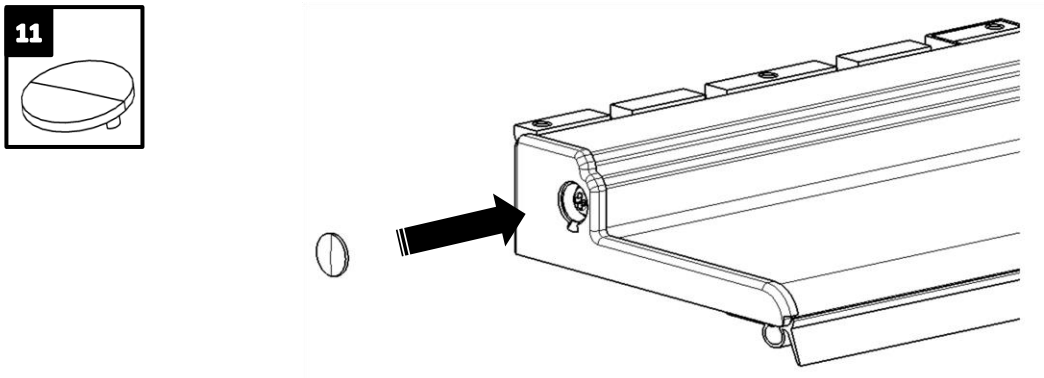




Install the baffle; adjust the T-Nuts to appropriate position. Then put on the M6×25 Inner Hex Thread Rod.

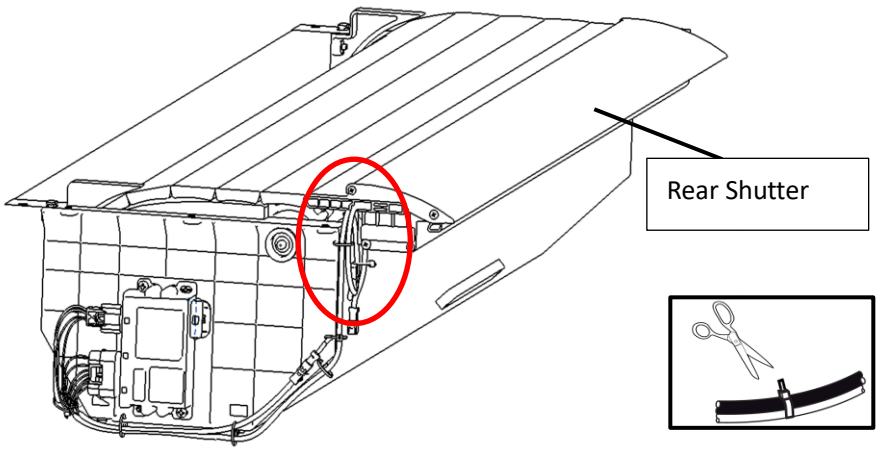


Fasten the Baffle with 3 Flange Nuts.

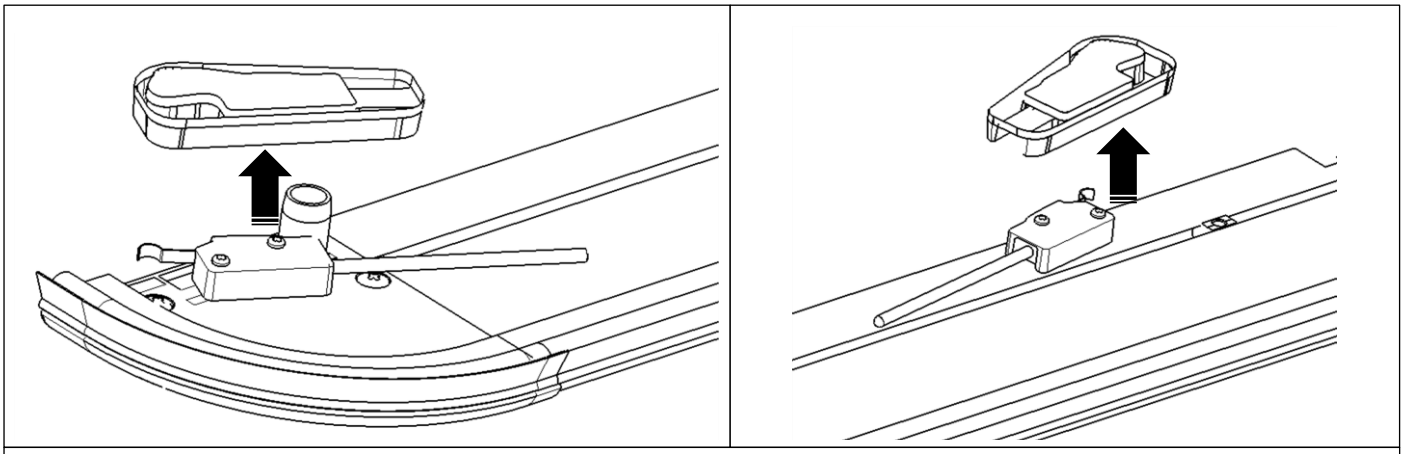


Put the plastic end cap on the front side of the side rail. Assembly method is the same for both Side Rails.

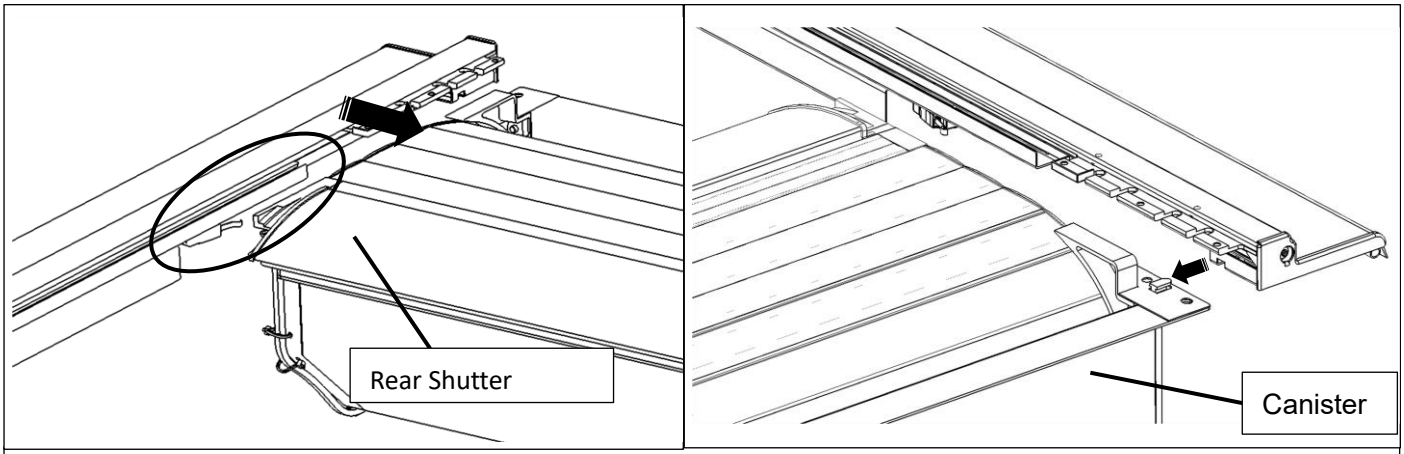
SIDE RAIL & CANISTER



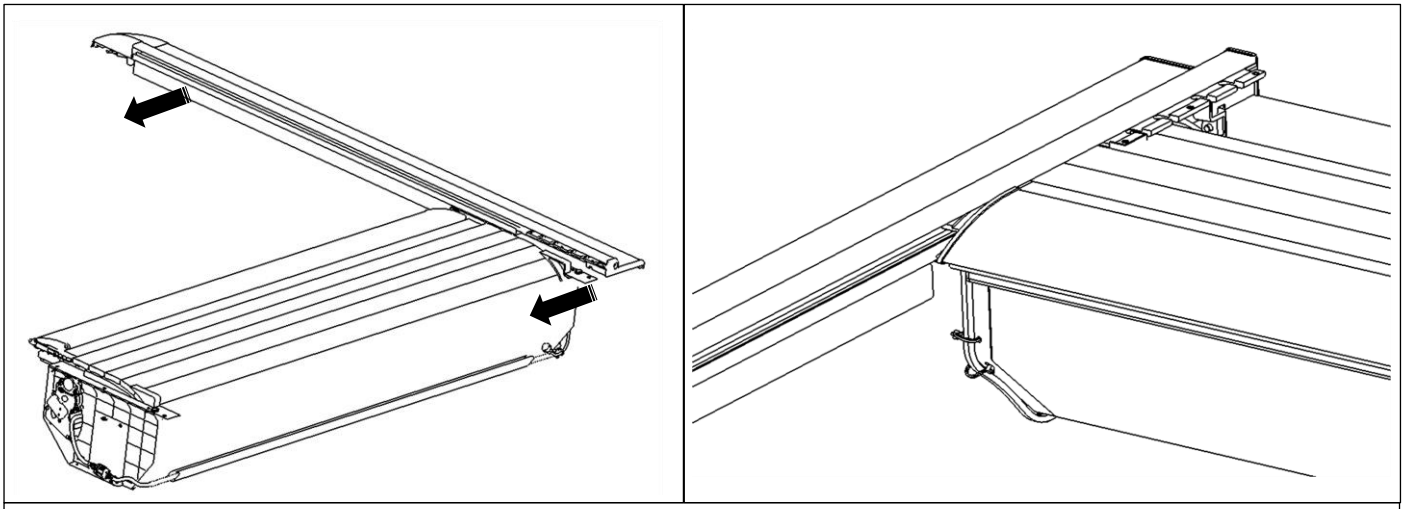
Pull out the shutter a little bit and release the switches by cutting the cable tie.



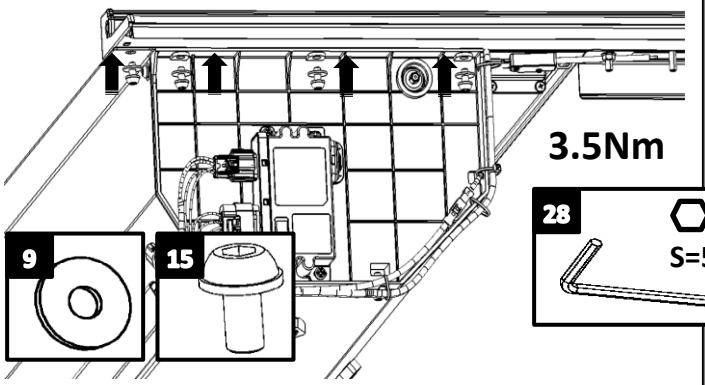
Loosen the tap screw a little bit, and then remove the blister packing on the switch.
NOTE: Only loosen the screw a little, do not take them out.

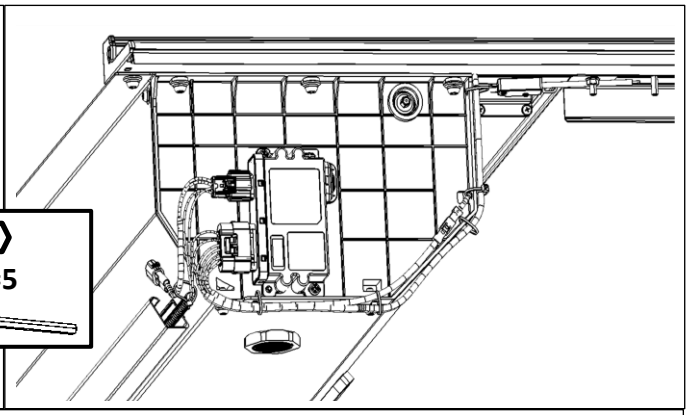


Place the side rail on and align.
NOTE: Be careful not to hit the canister as the switch may be damaged.

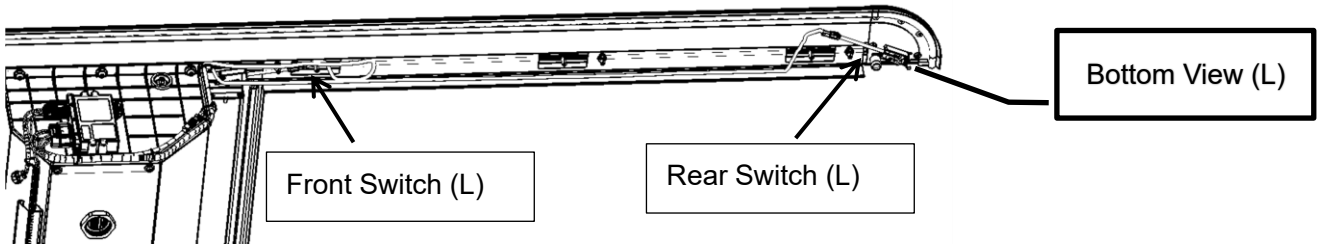


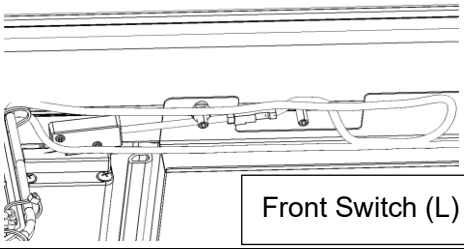
Install the side rail aligned to the canister.

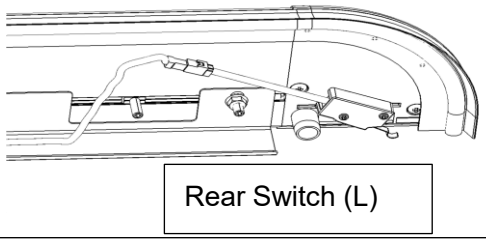




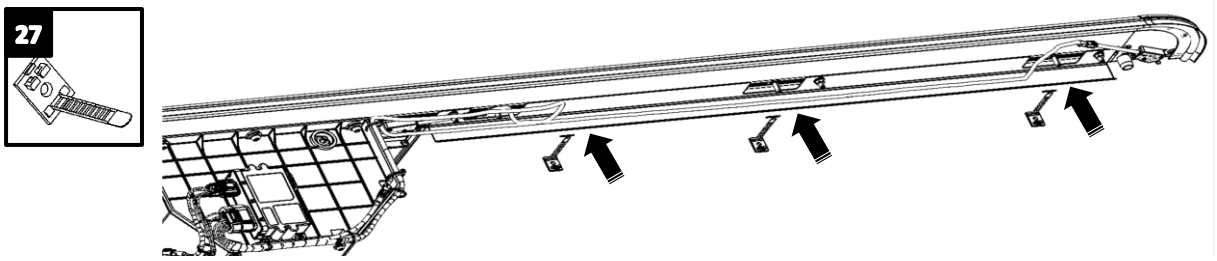
Place the side rail and align, Secure it with M6 Bolt (Black) and Washer

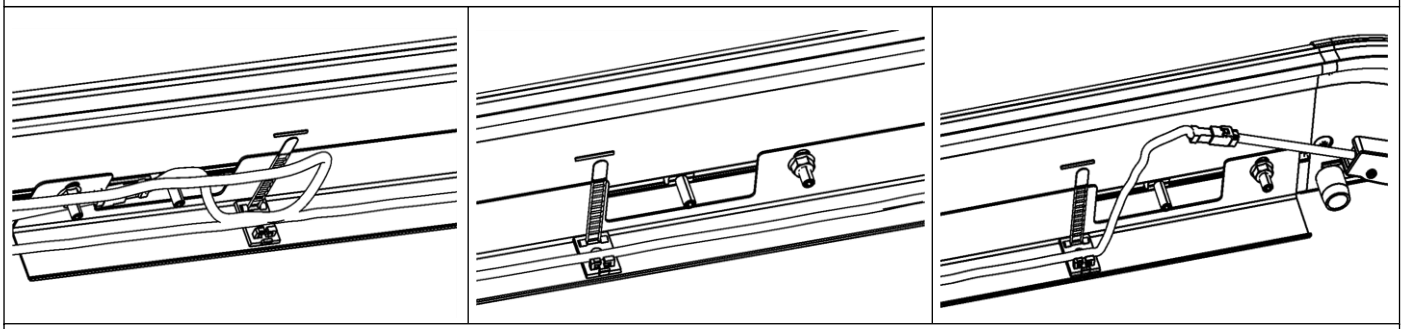






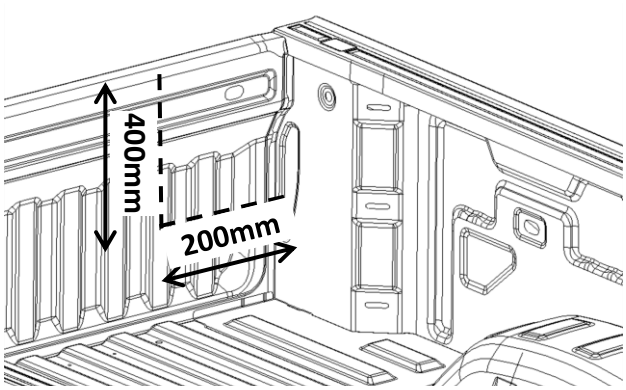
Connect the wire harness for switches; each wire will have a label to help identify where to go.

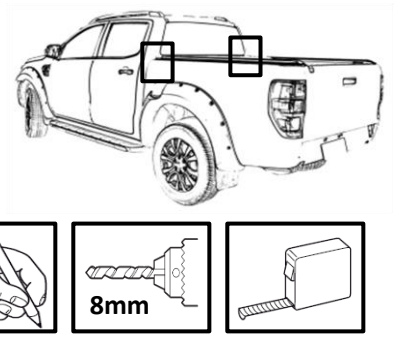




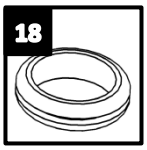
Peel off the protective film, stick the cable tie holder on the inner side of the baffle. Stick 3 pieces on each baffle. Assembly method is the same for both sides.

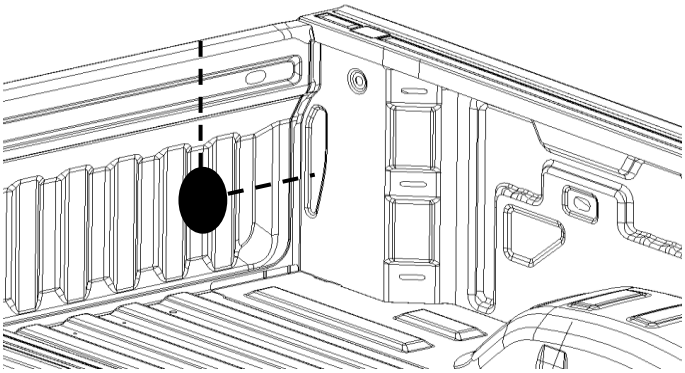
Drilling Holes for Drainage Tube

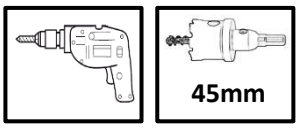




Measure and markup the positions for the front drain tubes on both sides. Then drill through the truck bed with 8mm drill**.** **NOTE:** Positions for drain tubes may vary for different vehicle model range.

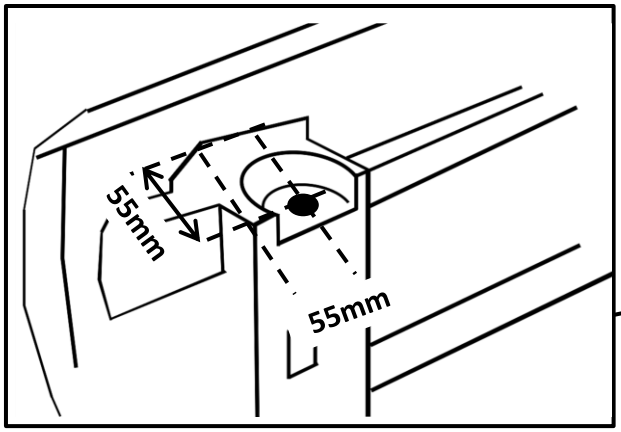


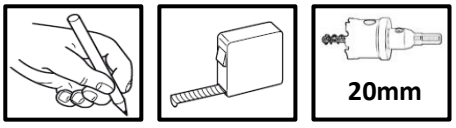


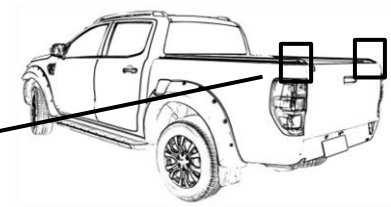


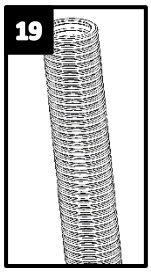
Drill out the front pilot holes in the truck bed with 45mm hole saw.

NOTE: To avoid rusting, paint the drain hole on truck bed before putting on the grommet.





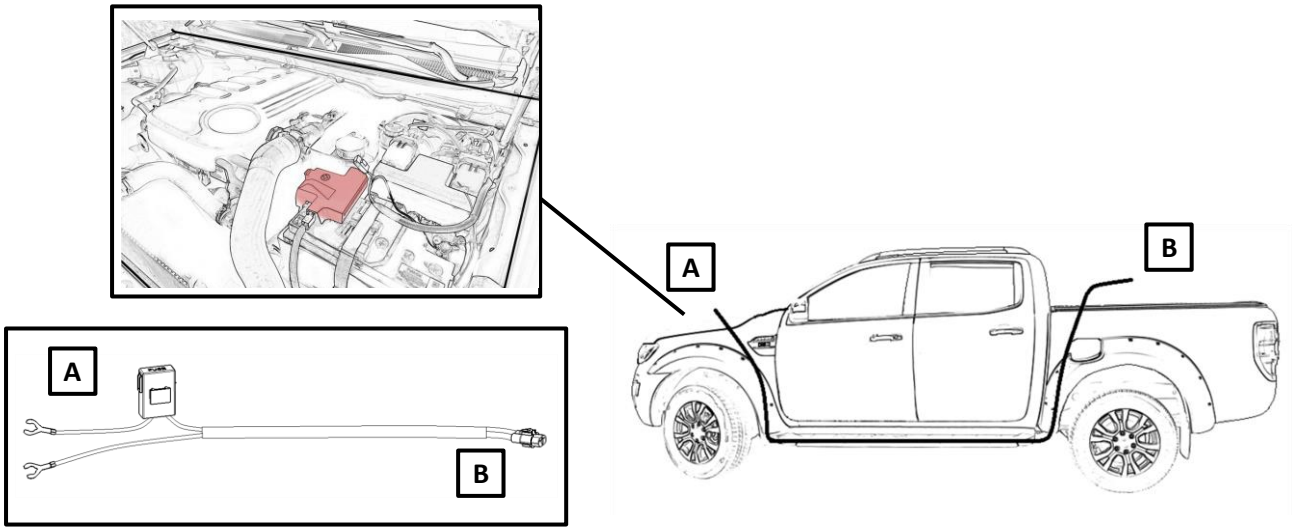




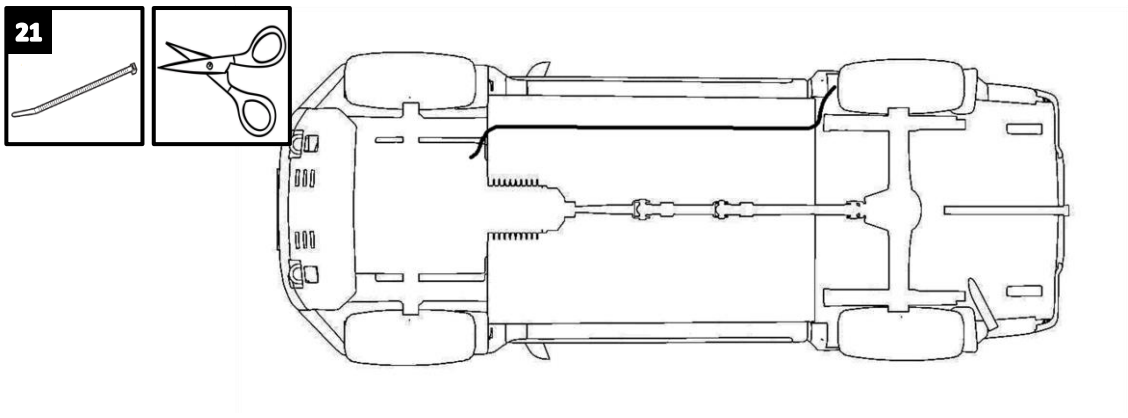
Measure and markup the positions for the rear drain tubes on both sides. Drill the holes with 20mm hole saw.

NOTE: Drain hole positions are for reference, some vehicle models could be slightly different. Use your judgement.

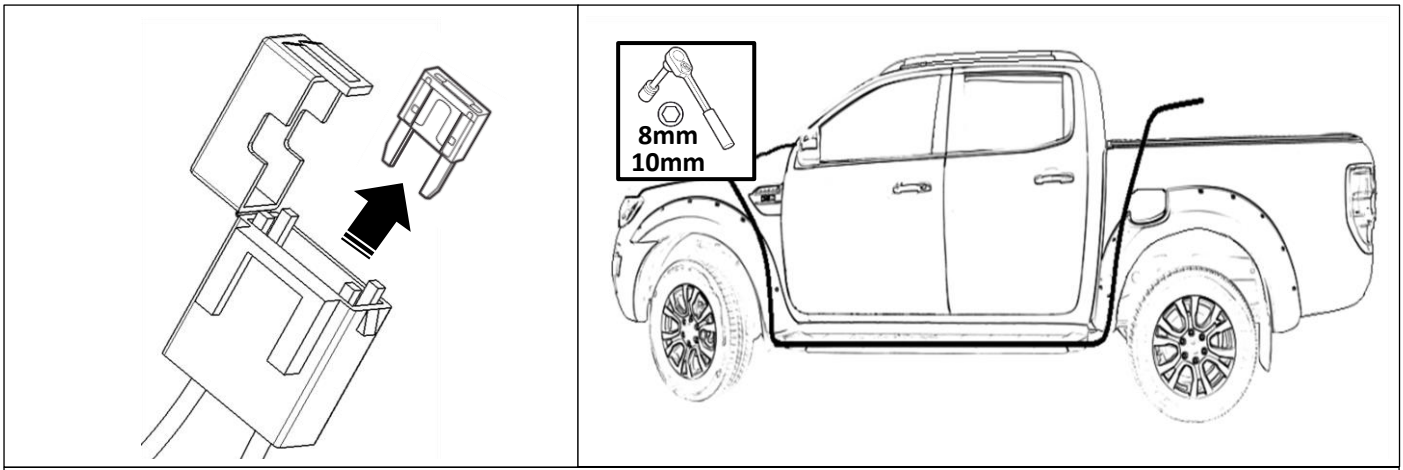
Route the Wiring Harness



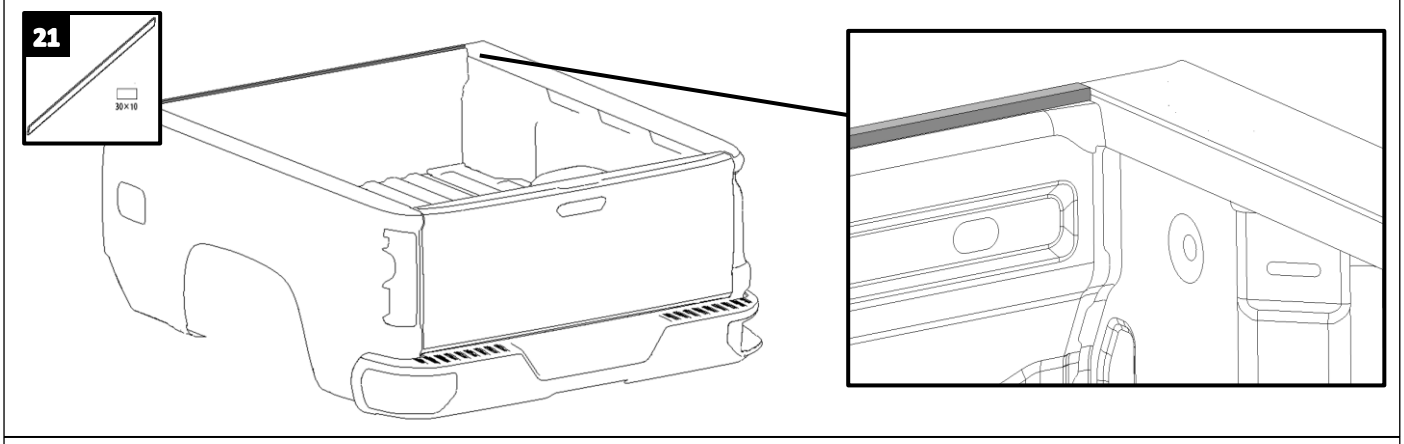
Starting from the chassis rail in front of the LHS rear wheel, feed the wire harness to vehicle battery through chassis.



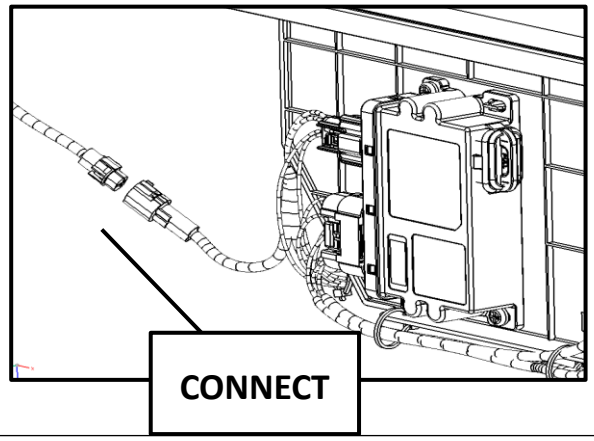
Attach the wiring harness to the chassis rail using the hole in the tab mount, use cable tie to neatly tie up.

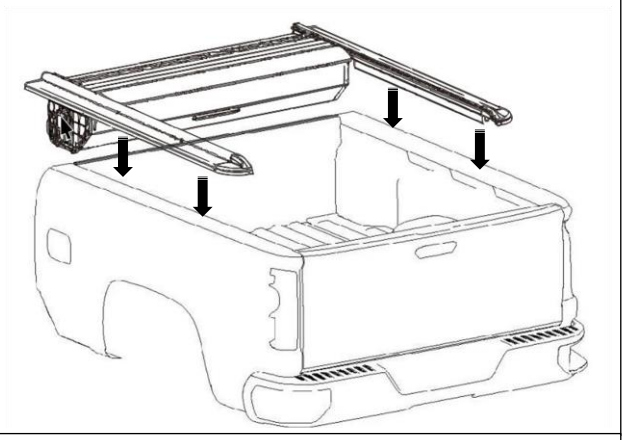


Remove the fuse from fuse holder. Connect the vehicle harness to the positive and negative terminals of the battery. **NOTE: Black- Negative; Red- Positive. Fit fuse to the fuse holder on the harness.**



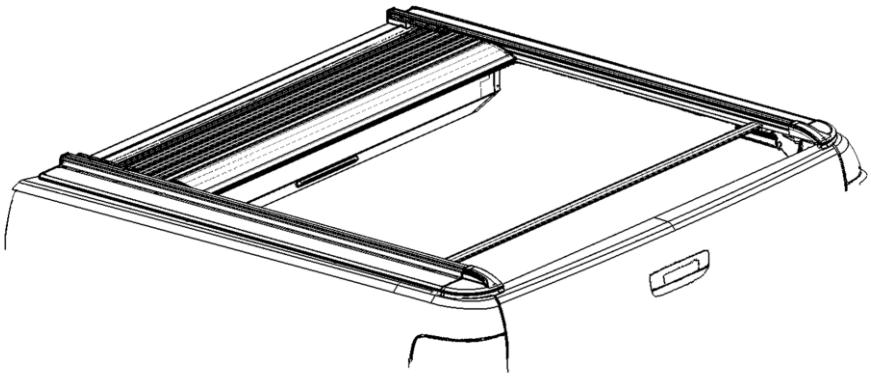
Install the front foam tape on the top of the bulkhead.

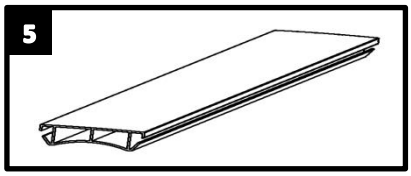




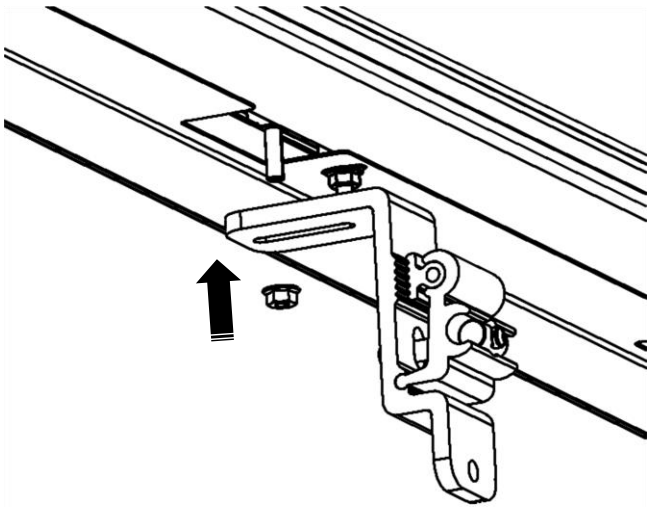
Put the roller shutter on truck bed, and then connect the wire harness.

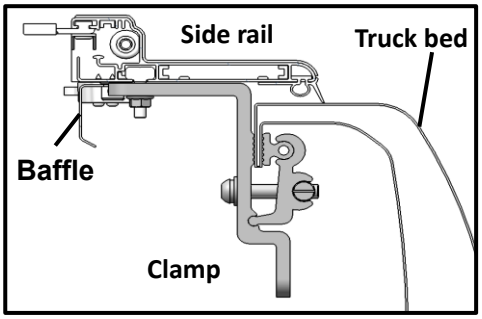
NOTE: HEAVY Recommend 2 or more people to lift and place to prevent injury or damage to the vehicle

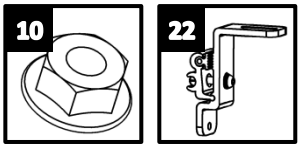




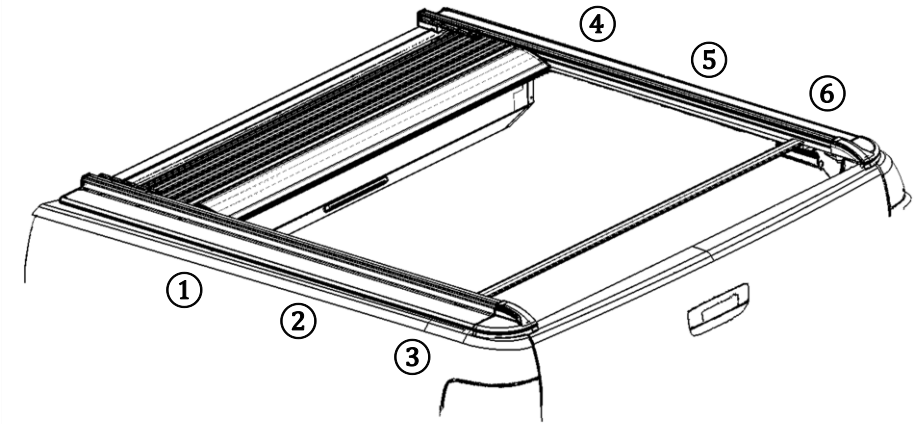
Put on the Aluminum Standard Bar on to keep the Side Rails parallel.



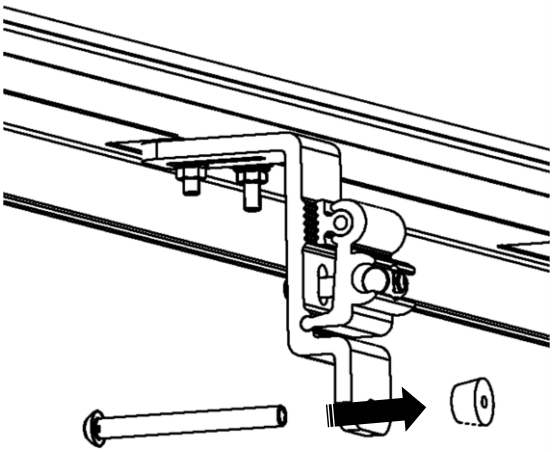


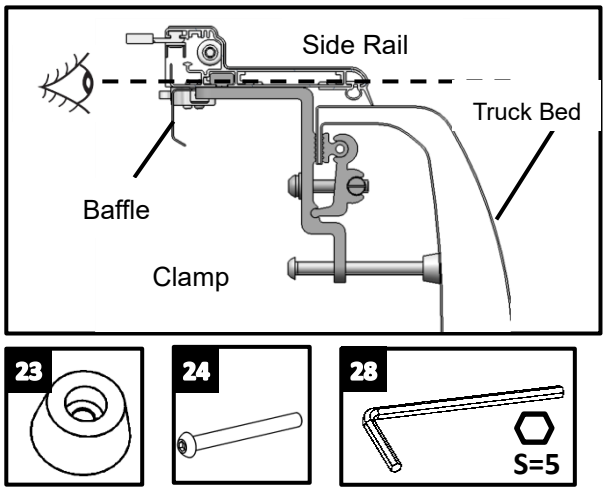


Install the clamps to fasten the roller shutter onto truck bed.

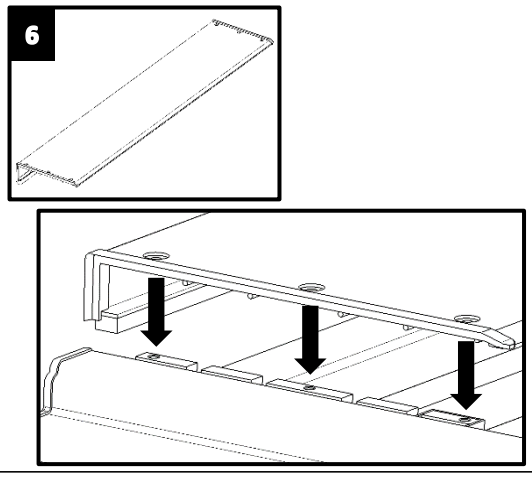


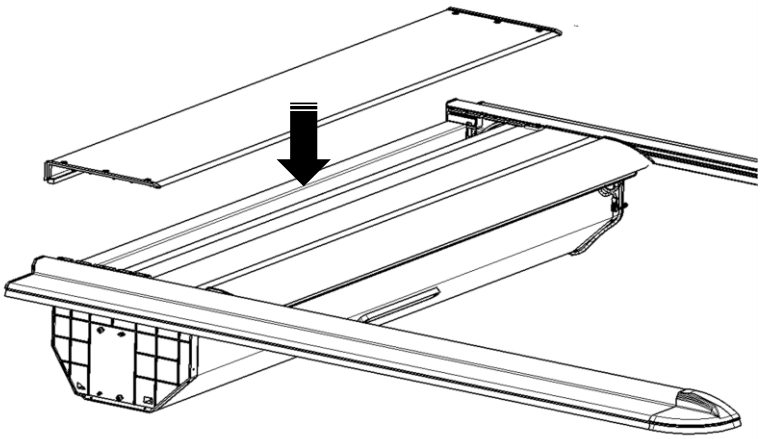
Install the clamps correspondingly to the slots of the baffle. Fasten the M8 x 4 bolts to adjust the side rails to be horizontal. (Clamp ①、②、③、④、⑤、⑥)



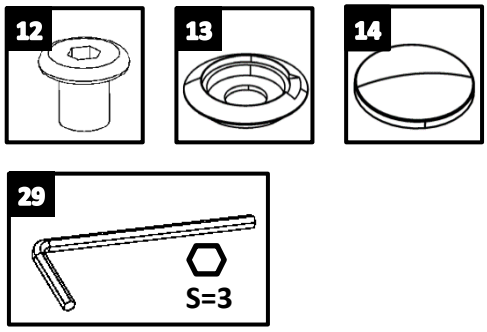


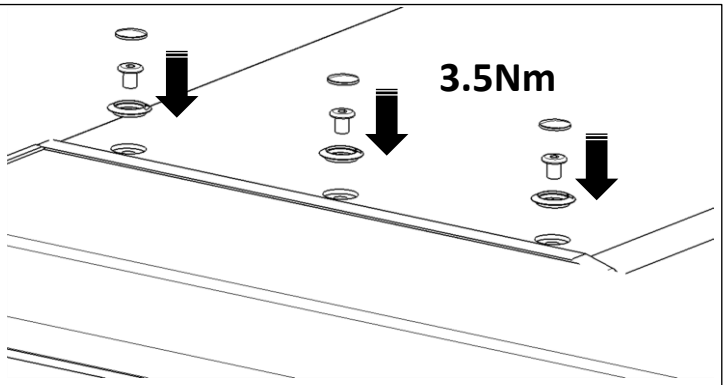
To adjust the side rails to be horizontal, you can fasten or loosen the M8 x 4 bolts on the clamp. (As shown in the above diagram)



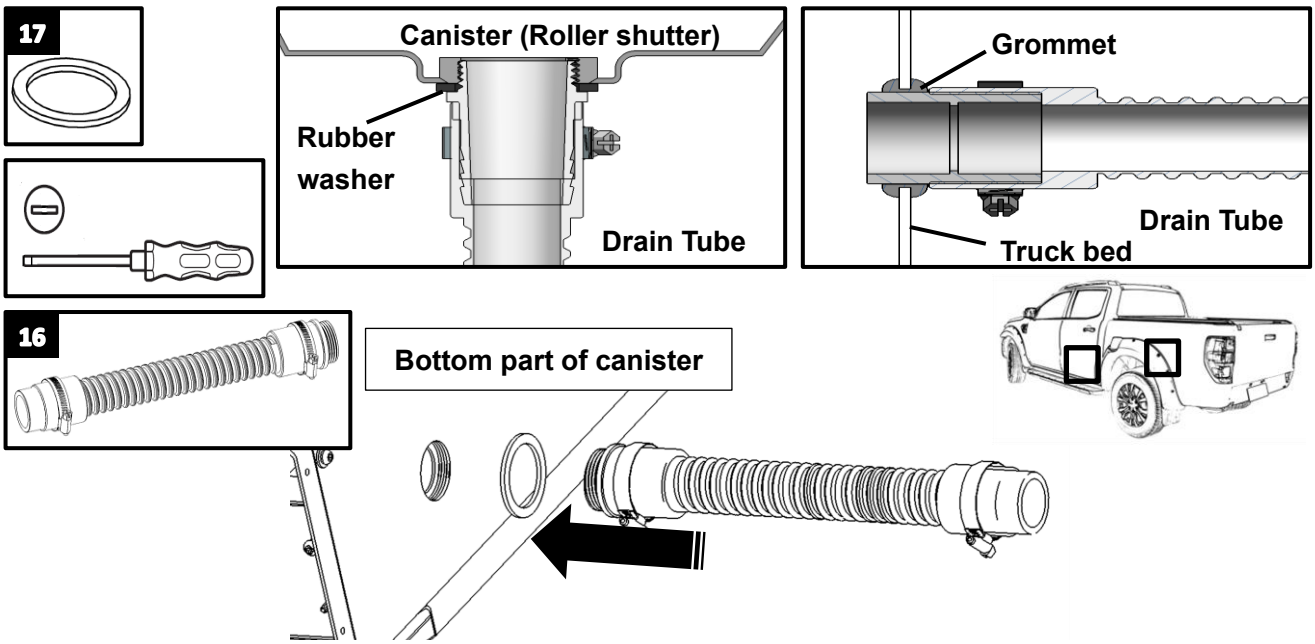


Put on the cover plate and adjust it to the appropriate position.

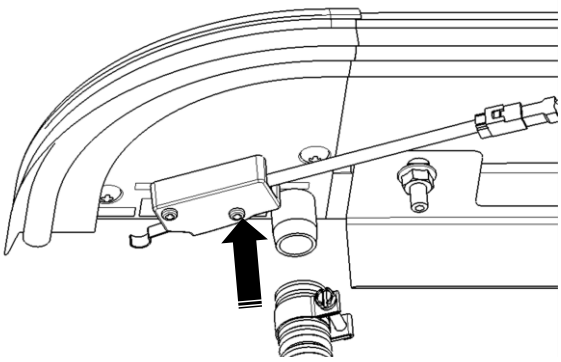


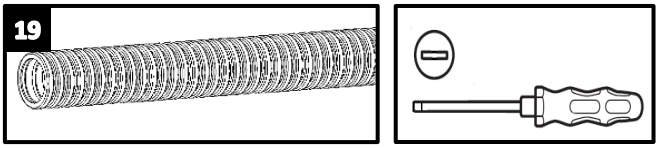


Install the top plate by fastening with plastic base and M5_6 inner hex bolts. Then cover with the plastic cover.

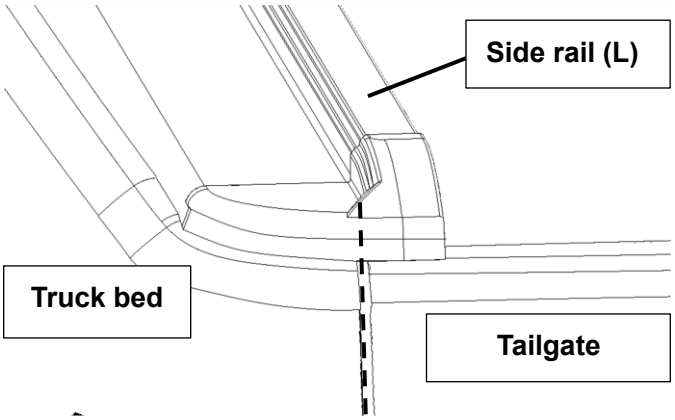


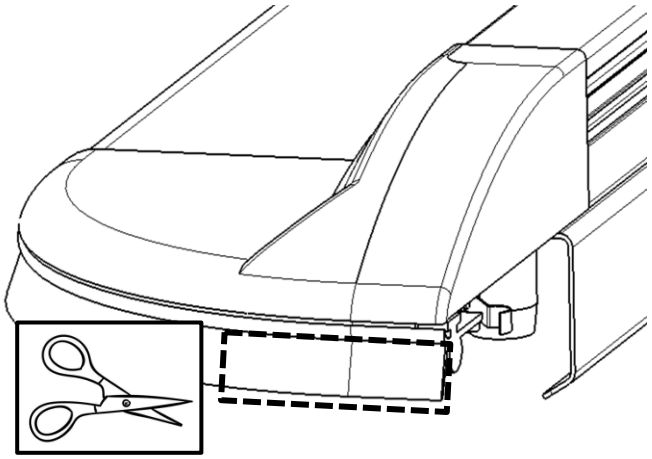
Put the rubber washer on the front drain tube (the threaded side), then fit the drain tube onto the canister. Thread the front drain tube to the truck bed and fasten the hose clamp.



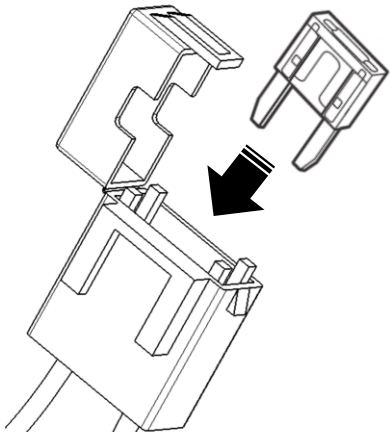


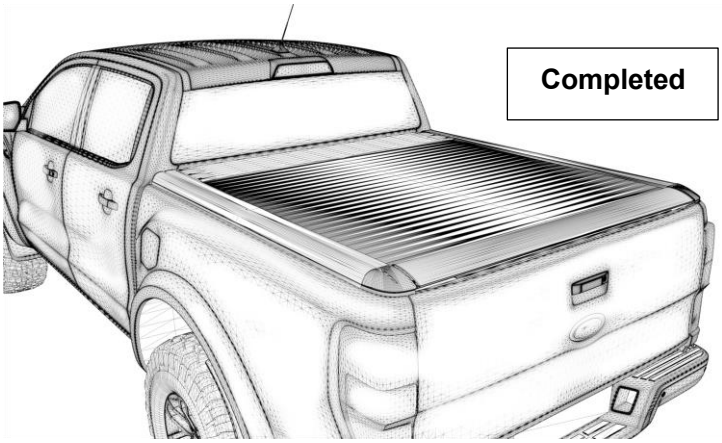
Install the rear drain tube by fastening the hose clamp.





When closing the tailgate, if there is interference between rubber strip and tailgate, please trim the rear rubber strip indicated in the picture above. Trim to be flush with the tailgate.





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