

## FITTING INSTRUCTIONS FIT1371

PLEASE READ INSTRUCTIONS COMPLETELY BEFORE INSTALLATION

### ROLLING LID – MANUAL GEELY RIDDARA RD6

### RL135M-K

1. Product Introduction.....	1
1.1 List of accessories.....	1
1.2 Product summary.....	3
2. Installation steps.....	4
2.1 The carriage preparation.....	4
2.2 Article assembly.....	5
2.3 Installing support.....	9
2.4 Product loading.....	14
2.5 Adjustment / Inspection (gauge M5 or M6).....	19
3. Operation.....	24
3.1 Manual Lock Introduction.....	24
3.2 Benefits.....	24
3.3 Operation.....	25
3.4 Function Introduction.....	25
3.5 LED Light.....	26
4. Common problem solving.....	27
4.1 Daily Maintenance.....	27
4.2 Common Problem Solution.....	27
5. Helpful Maintenance Hints.....	28

#### 1. Matters need attention:

1. Please install the parts in a safe environment, and wear the corresponding safety protective equipment;
2. Please read this manual carefully before installing the product, pay attention to protect the surface of the vehicle, and avoid scratches during the installation process;
3. Check whether the parts in the package are complete before installation;
4. Please regularly check whether all the parts connected to the car are loose to ensure the safety of use;
5. Use traces between the slide track and the rolling curtain are normal test traces;
- 6, this curtain has no load-bearing function, do not place the heavy object above the curtain;
7. The drainage pipe passes through the drainage hole of the rear tail box;
8. Before folding up the curtain, make sure to ensure that the surface is clean to avoid foreign bodies involved in the box.









#### 2. Kindly reminder:

1. When the curtain is opened or closed, pay attention to check whether there is foreign body, avoid the human body contact with the opening and closing area, and avoid pinching;
2. When the box body and the side rod slide rail are installed, the rolling shutter has the automatic return function. Please pay attention to the stability to prevent clamping;
3. Please do not close the pet or person in the closed rear tail box, which may cause suffocation;
4. The number of people installing the curtain is recommended to be 2, and the installation time is about 45-60 minutes.









## 1、Product Introduction

















### 1.1、Bill of Material




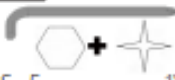









<b>M1</b>  1X	<b>M2</b>  1X
<b>M3</b>  1X	<b>M4</b>  1X
<b>M5</b>  1X	<b>M6</b>  1X

#### LIST OF BOX PARTS (DIFFERENT MODELS, DIFFERENT PARTS BUT THE SAME INSTALLATION METHOD)

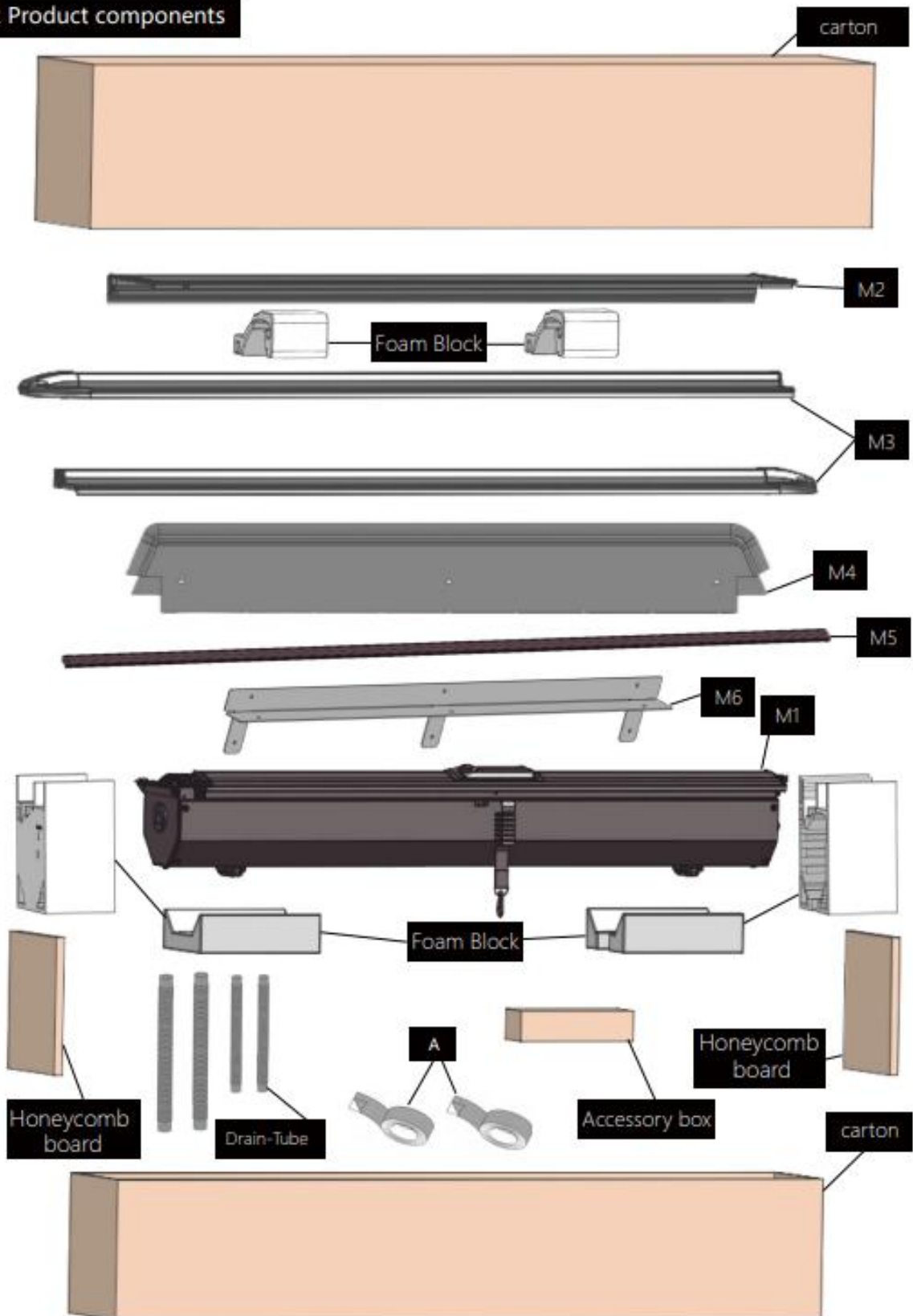
<b>A</b>  2X	<b>B</b>  4X	<b>C</b>  6X	<b>D</b>  2X	<b>E</b>  2X	<b>F</b>  2X
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#### LIST OF ACCESSORIES

<b>G</b>  M6×20 3X	<b>H</b>  M6 flat washers 6X	<b>I</b>  M6 7X	<b>J</b>  M6 4X	<b>K</b>  M8×30 4X	<b>L</b>  M8 4X
<b>M</b>  M8 8X	<b>N</b>  M6×40 7X	<b>O</b>  M6 washer 7X	<b>P</b>  M6 7X	<b>Q</b>  5X	<b>R</b>  2X
<b>S</b>  2X	<b>T</b>  L1+R1	<b>U</b>  L1+R1	<b>V</b>  Black cloth-backed single-sided tape 1X		

UTILITY CLASS					
1	2	3	4	5	
					
Φ28 1X	Φ20 1X	S=5 1X	S=5 1X	S=8/10 1X	
MAINTENANCE CLASS					
Sealant  4X	Lubricant  1X				
AUXILIARY TOOL (REQUIRED)					
					

## 1.2 Product components



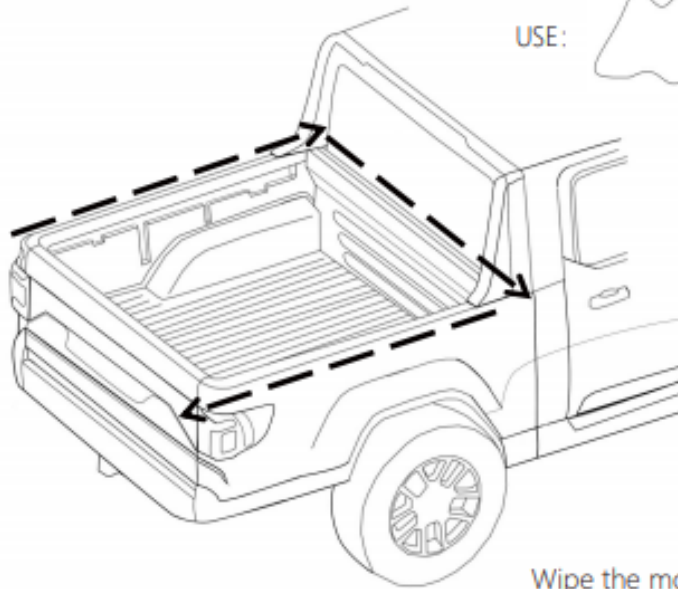
## 2. Installation steps

### 2.1 Preparation

1

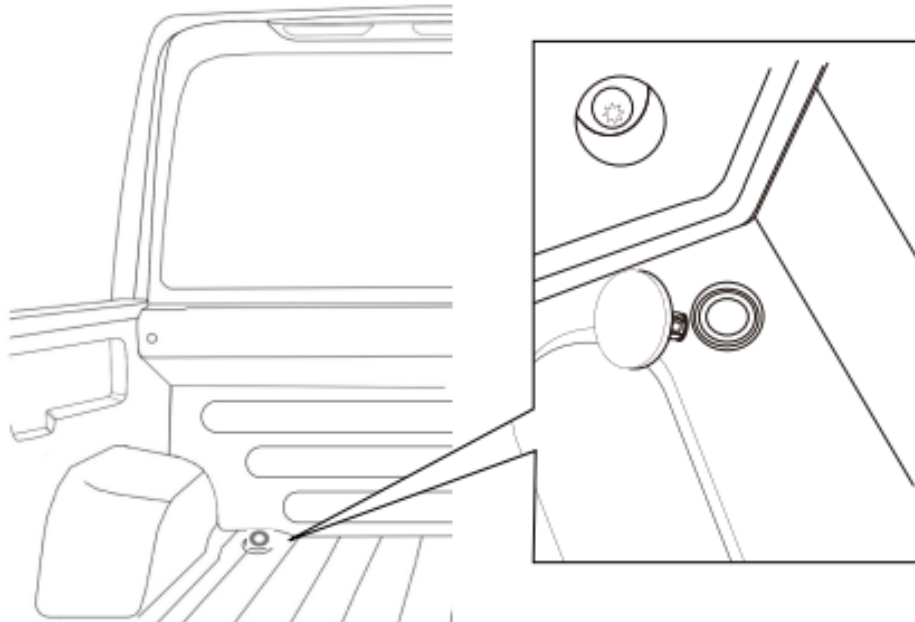
Clean up the tub, as shown below.

USE:



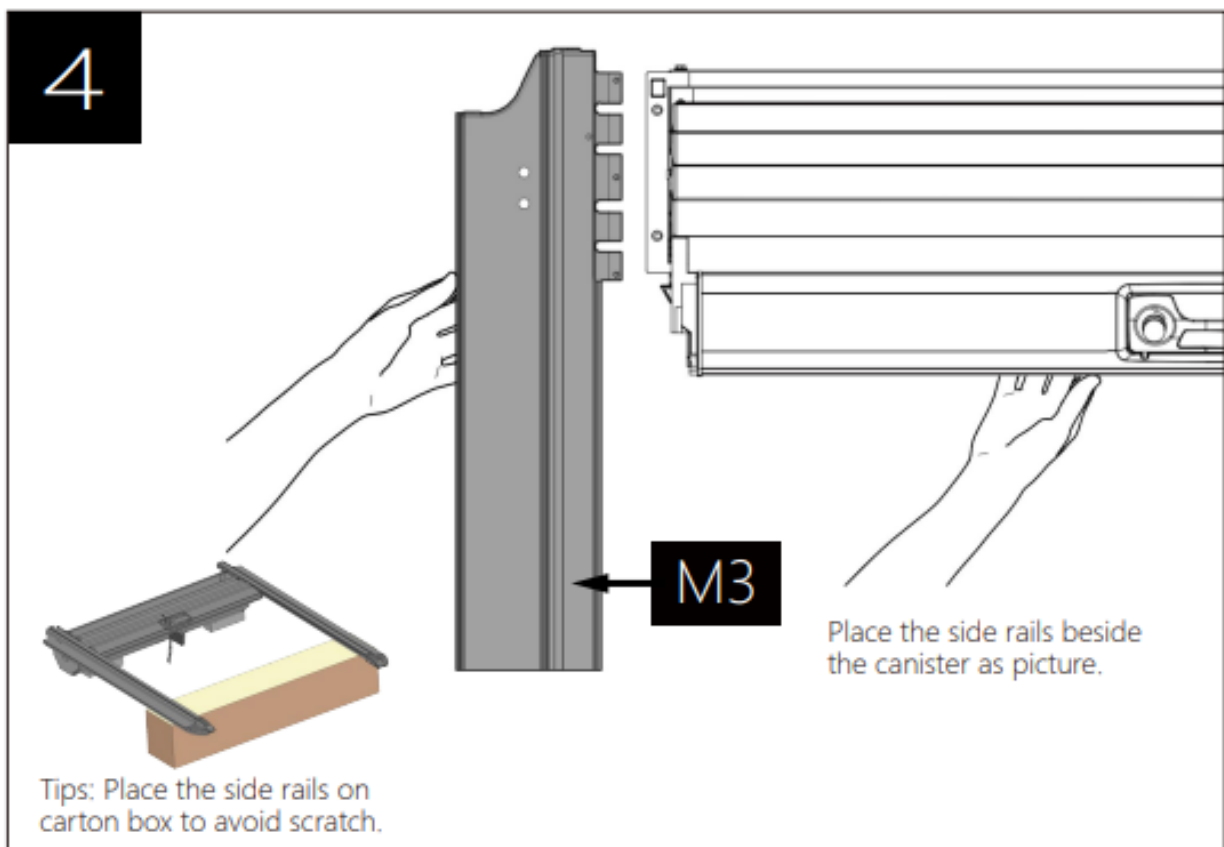
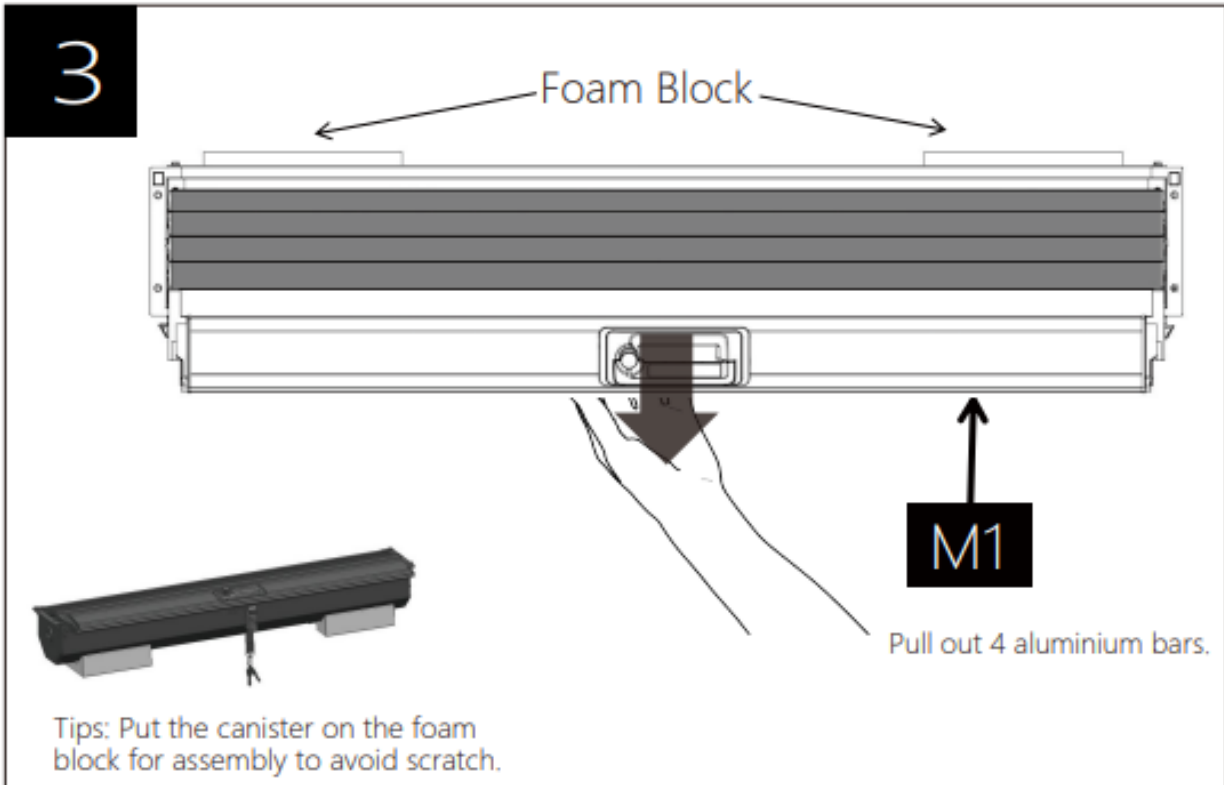
Wipe the mounting surface clean.

2

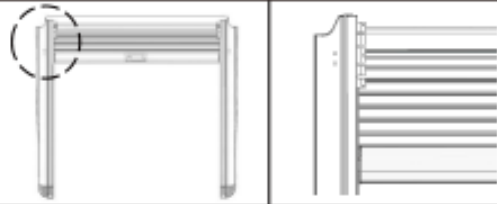


Remove the wagon drainage panel, as above.

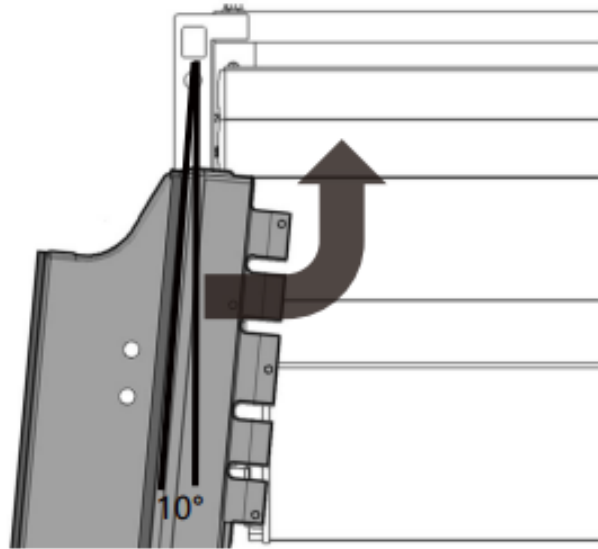
## 2.2 Article assembly



5

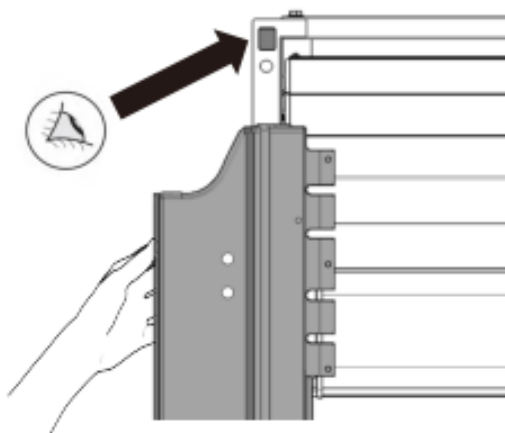
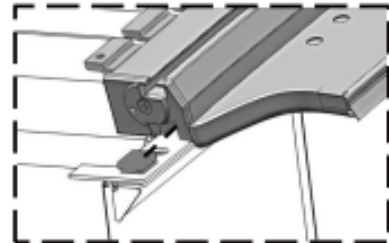
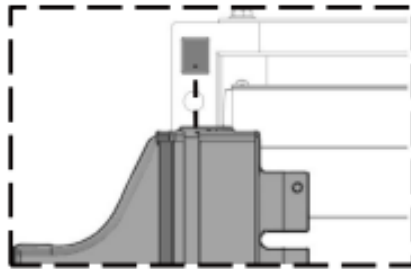


Tips: Avoid excessive operation leading to product damage.

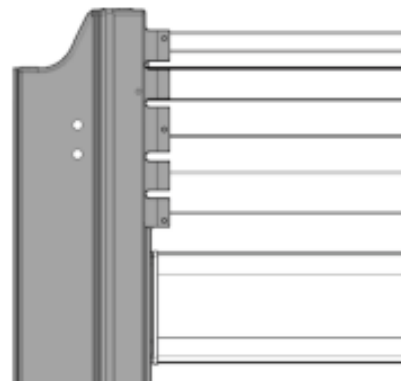


Lift the side rail up 10° and then out 10°; Place the roller into the side rail chute.

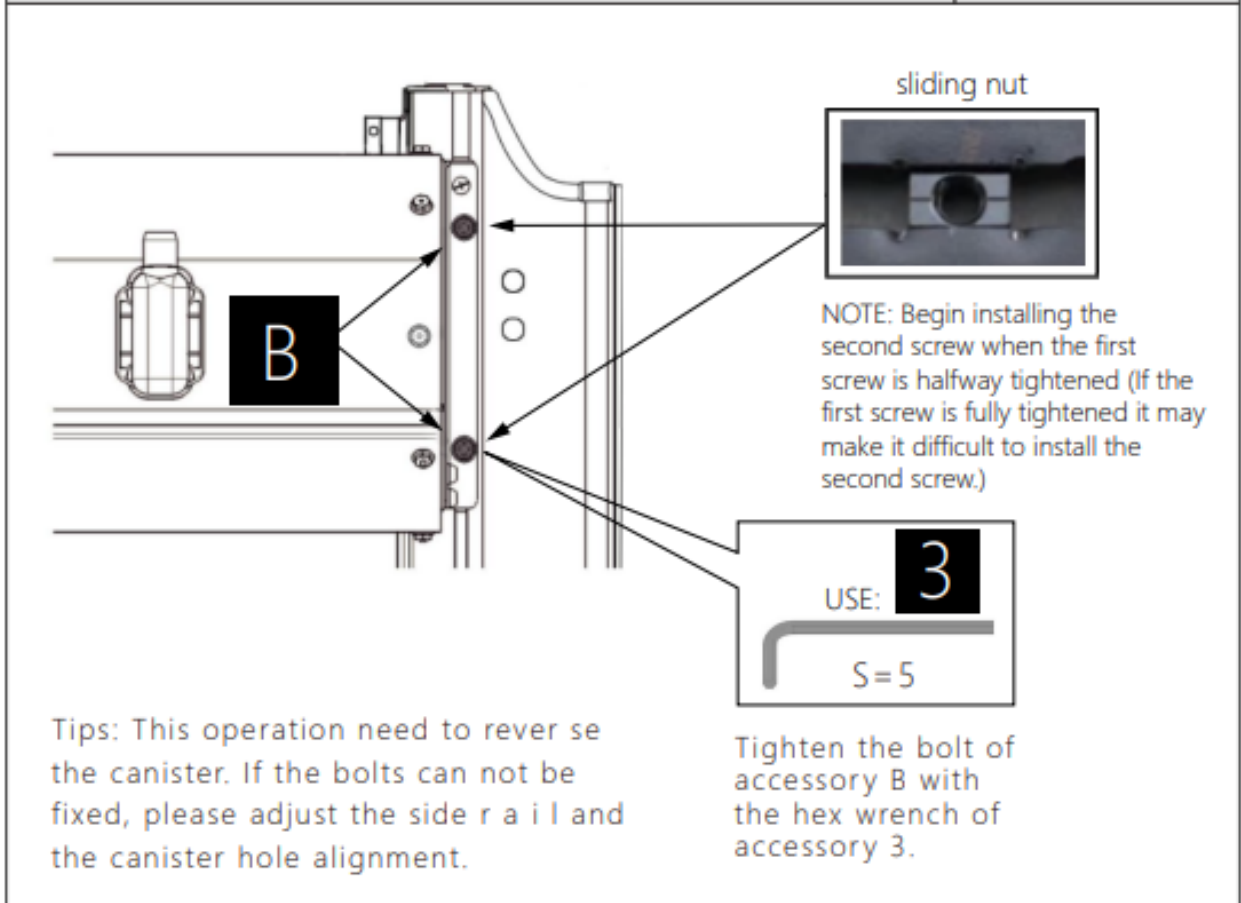
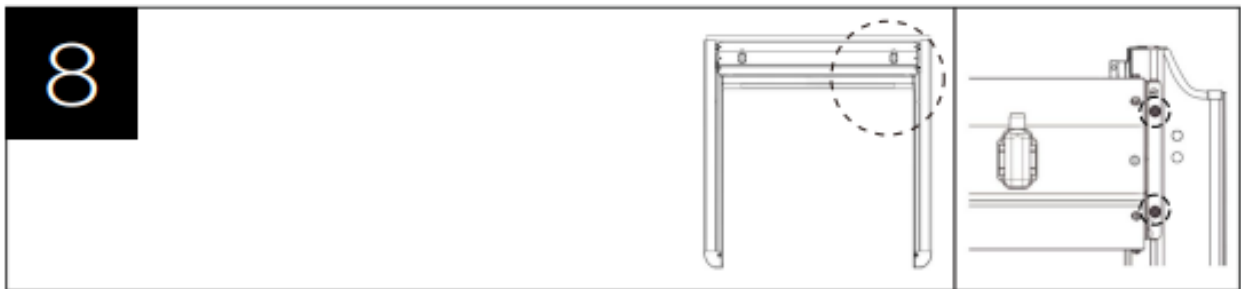
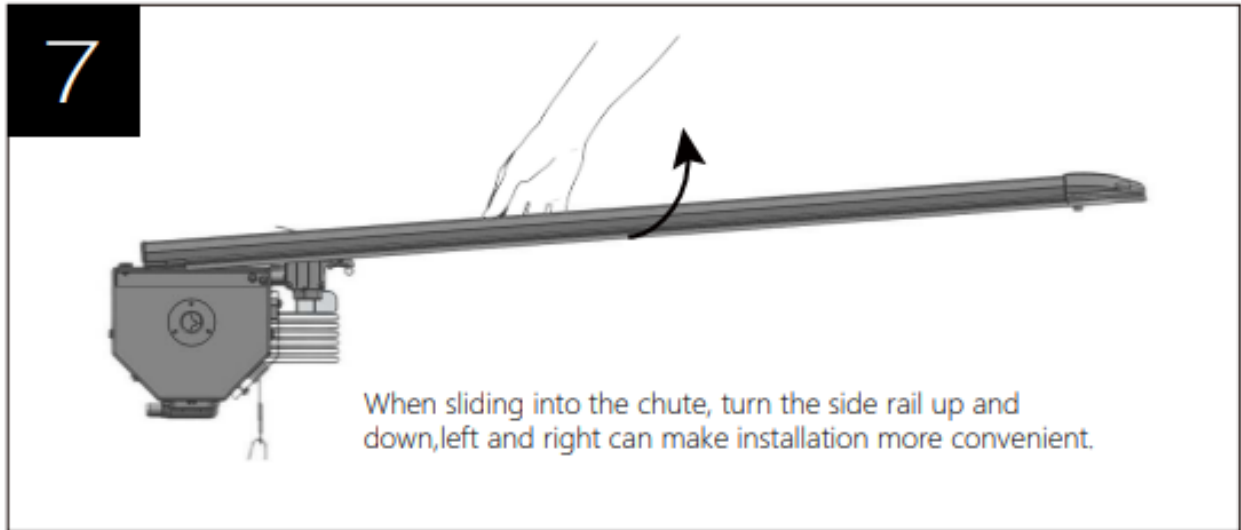
6

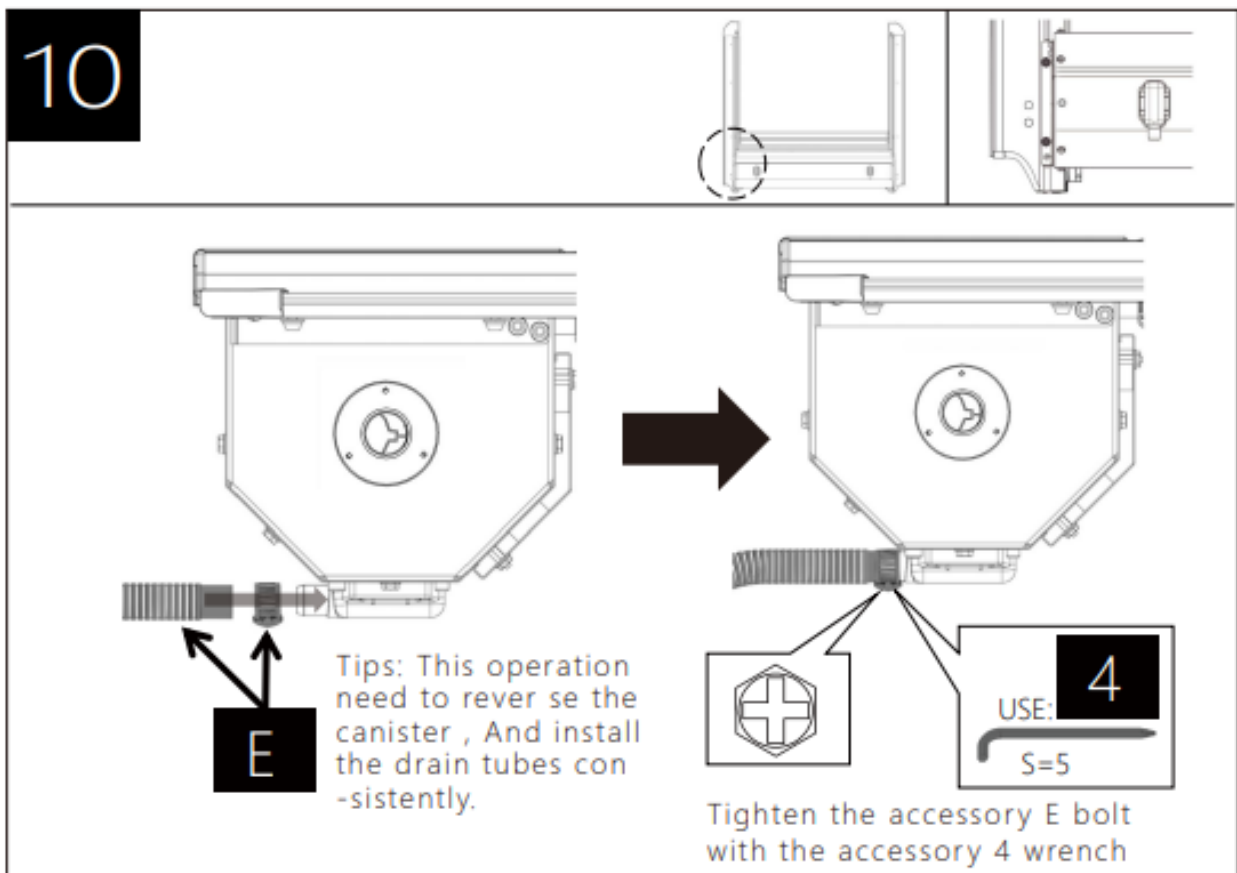
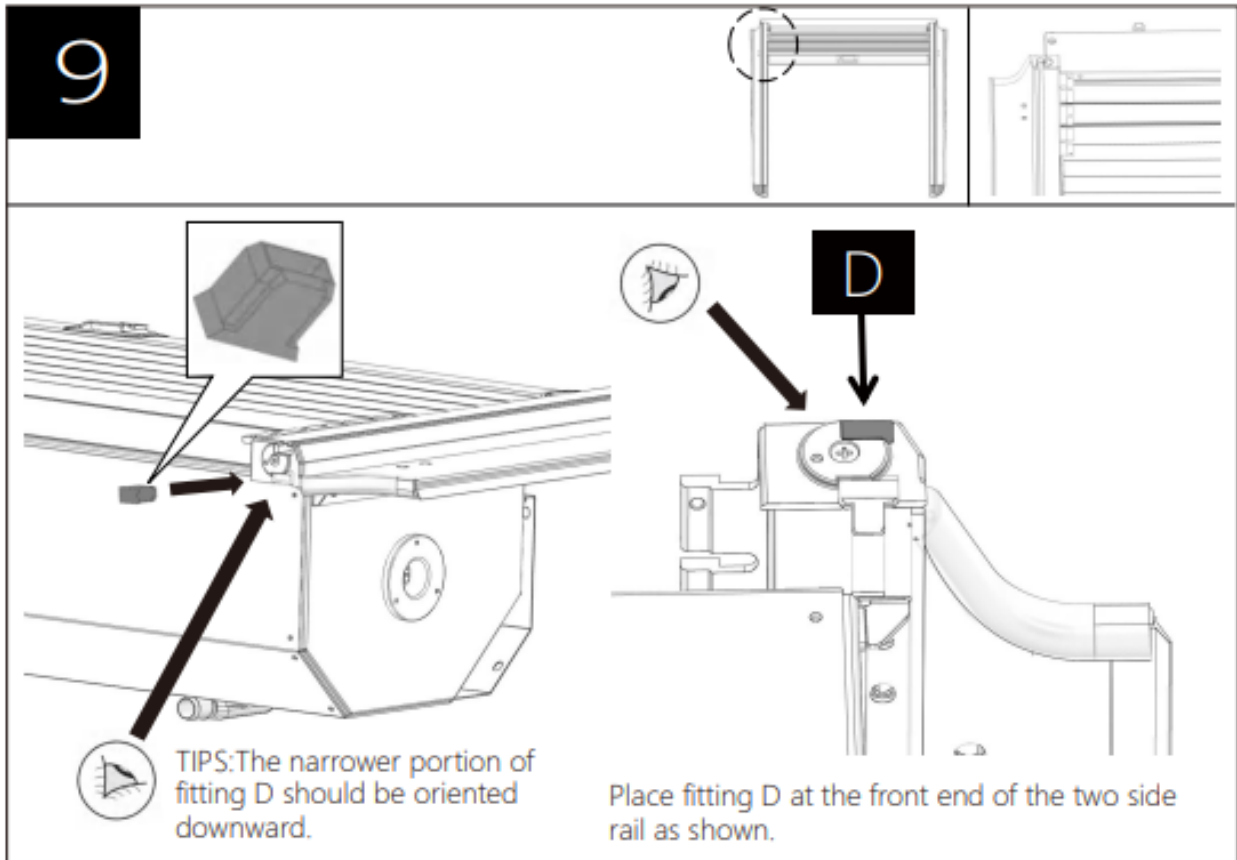


Tips: Avoid excessive operation leading to product damage .



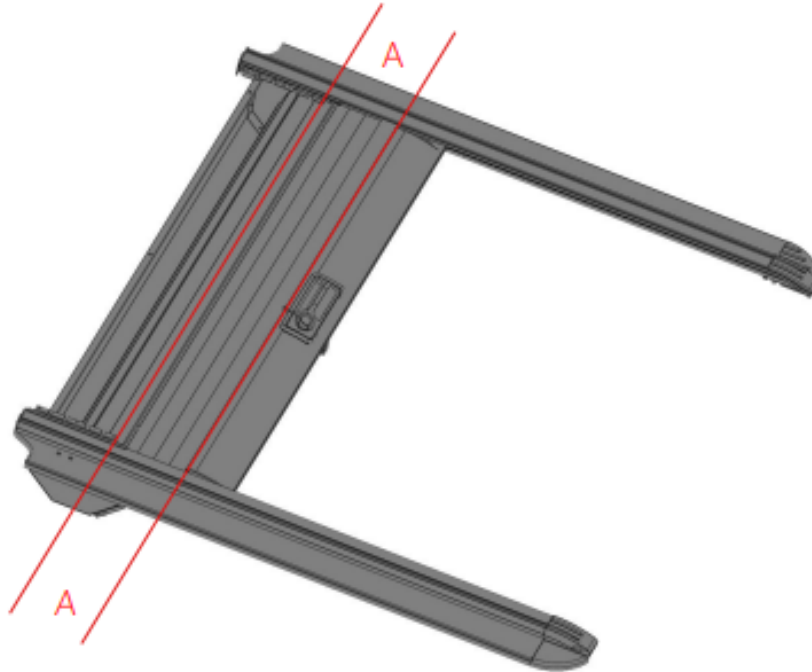
Align the side rail groove with the raised T-block and push the side rail until it can not be moved any forward.





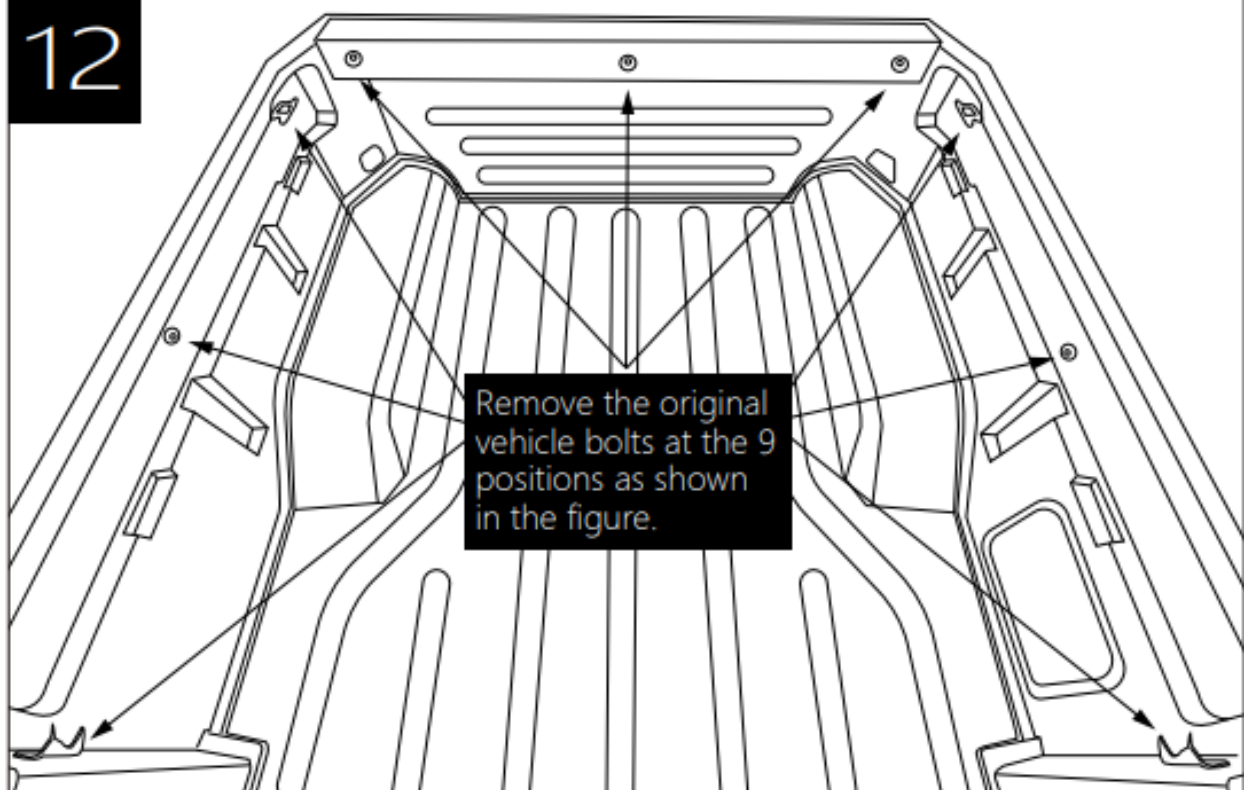
11

Install the right side rail in the same way. Before completely fixing the side rails, it is important to ensure that the roller bars are on the same straight line (distance A=A)



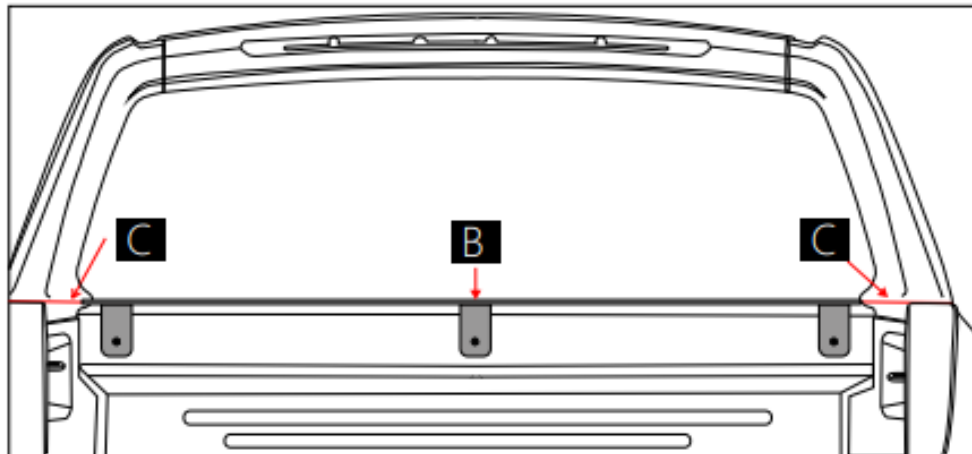
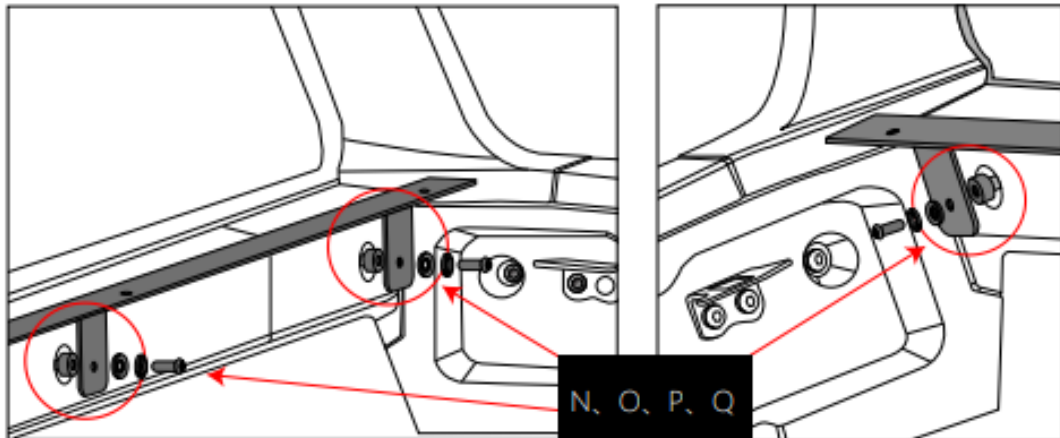
## 2.3 Installing support

12



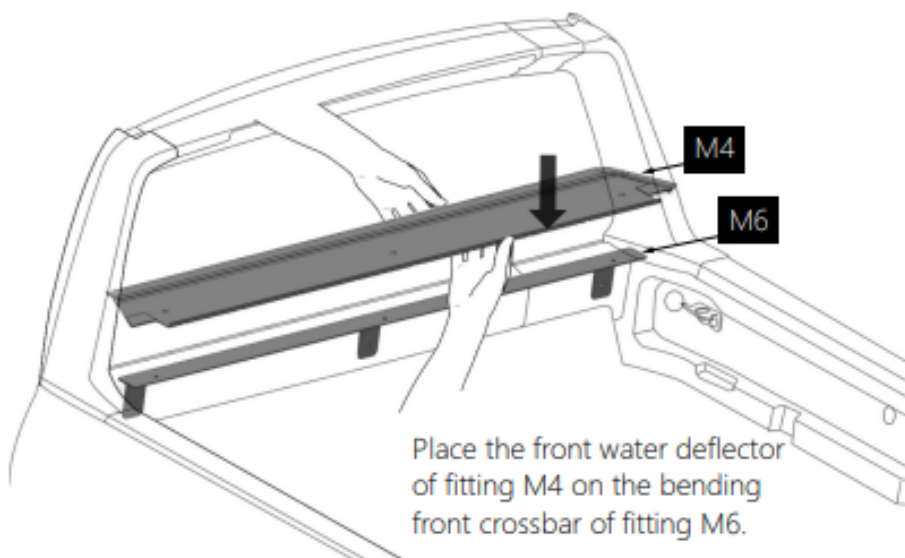
13

Use N M6\*40 hexagon socket head bolt, O M6 spring washer, P M6 washer and Q bracket pad (3 pieces) to fix the bent front crossbar of accessory M6 to the position shown in the figure.



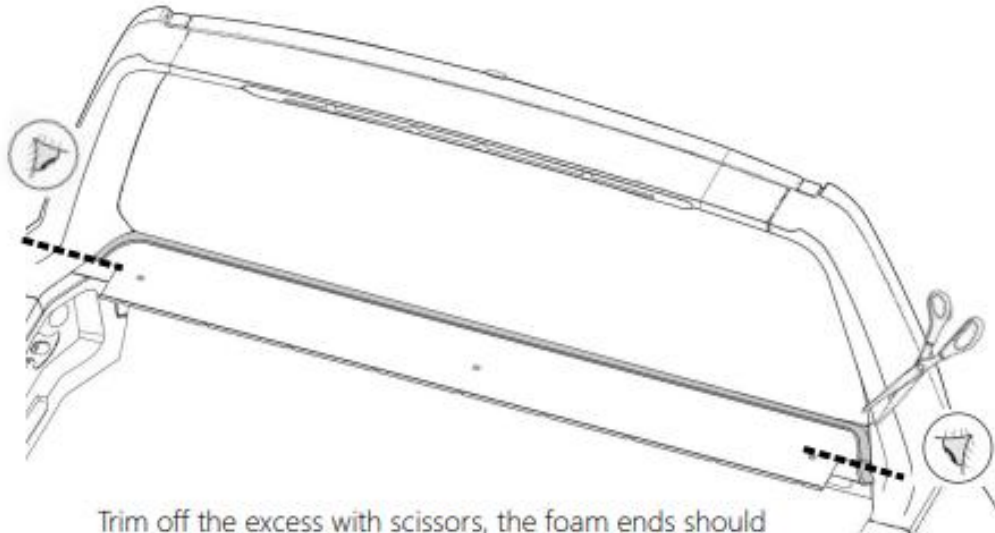
Note: Point B is at the same level as point C.

14



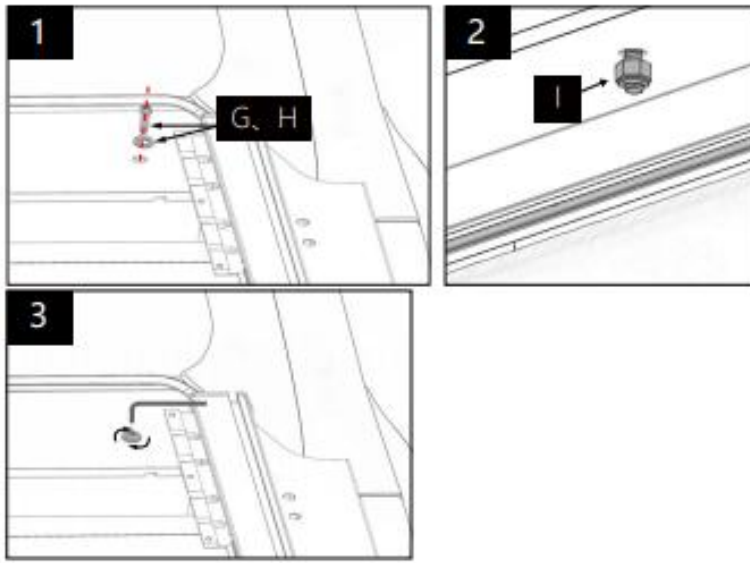
Place the front water deflector of fitting M4 on the bending front crossbar of fitting M6.

15

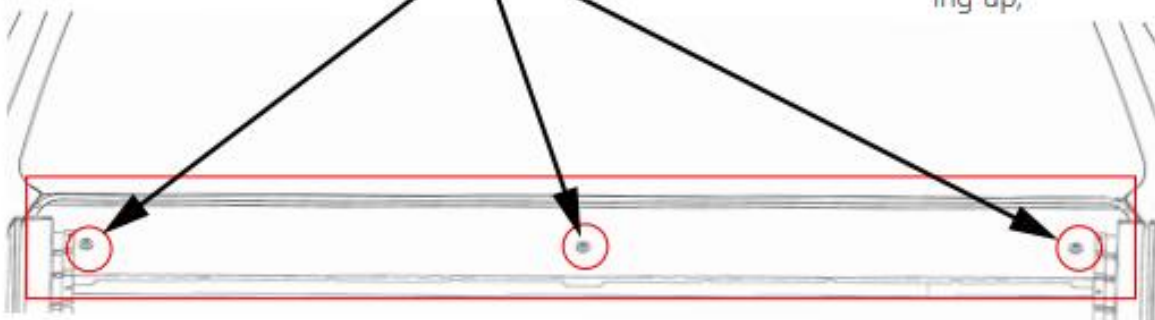


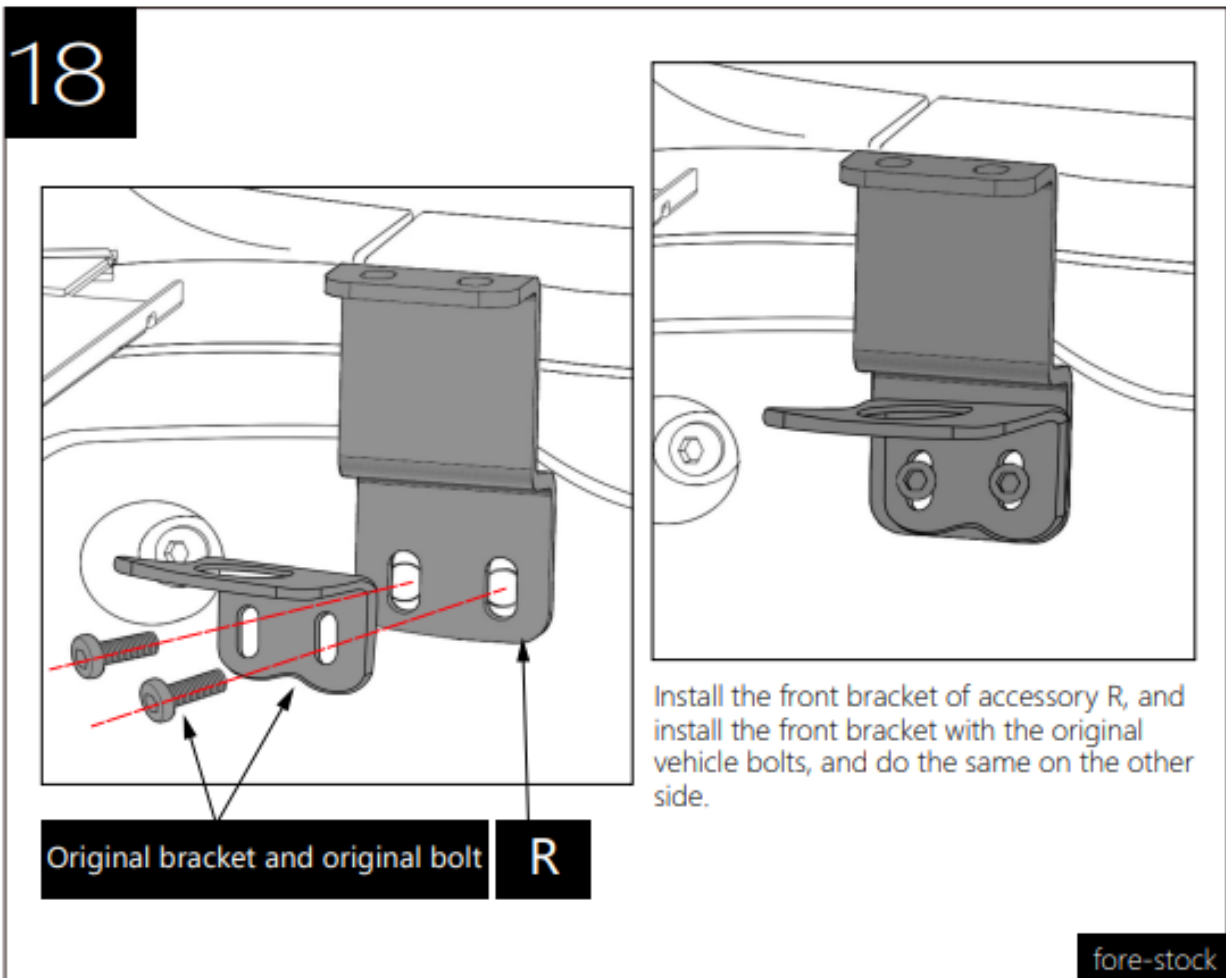
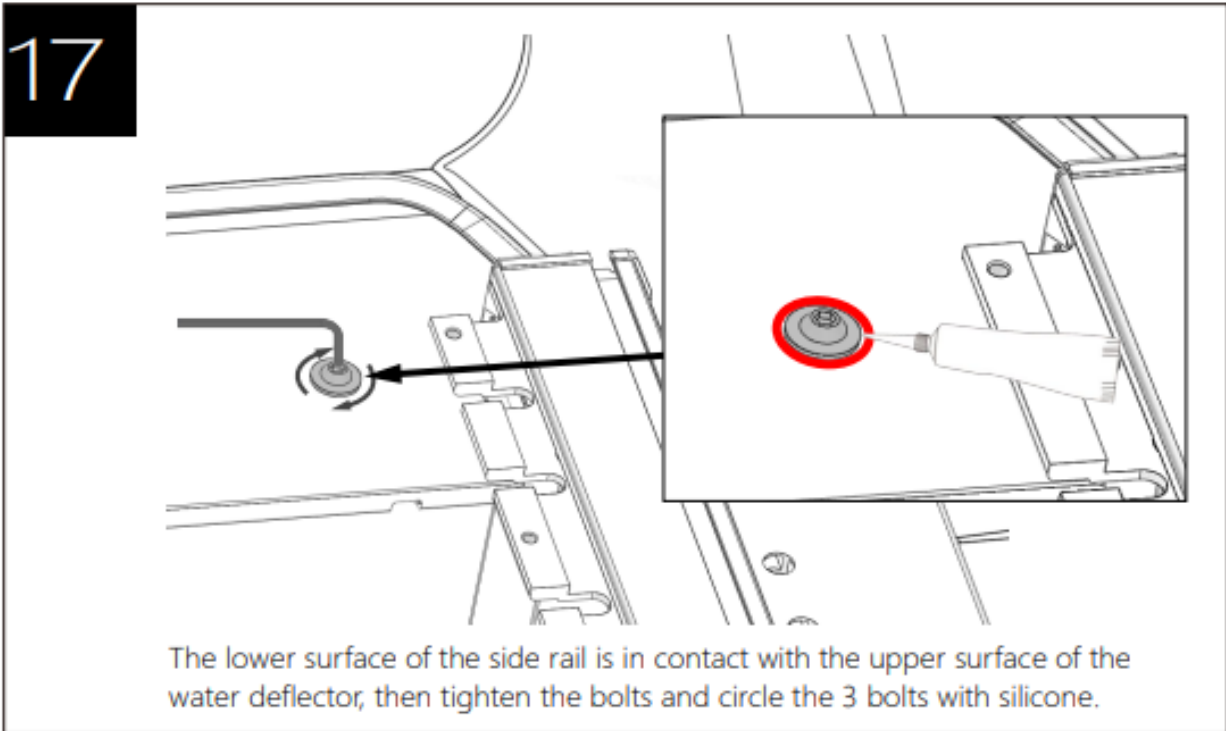
Trim off the excess with scissors, the foam ends should be aligned on both sides of the water deflector.

16



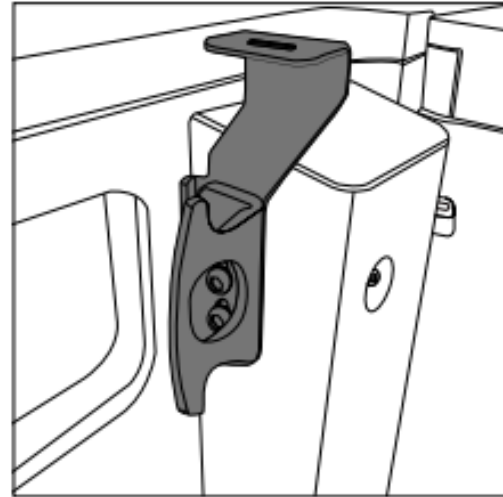
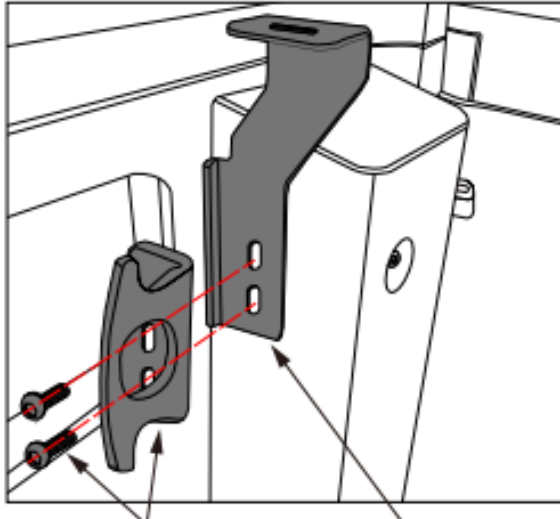
Install the front water deflector on the bending front crossbar of the accessory M6 by using the accessory G M6\*20 hexagon socket head bolt, the accessory IM6 self-locking nut and the accessory H M6 flat washer. Do not lock the bolt at this step, and pay attention to the rubber strip turning up;





19

Install the rear bracket of accessory T, and install the rear bracket with the bolts of the original vehicle, and do the same on the other side.

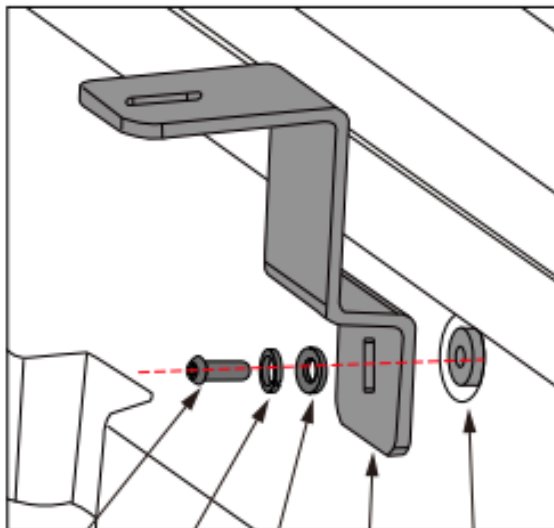


Original bracket and original bolt T

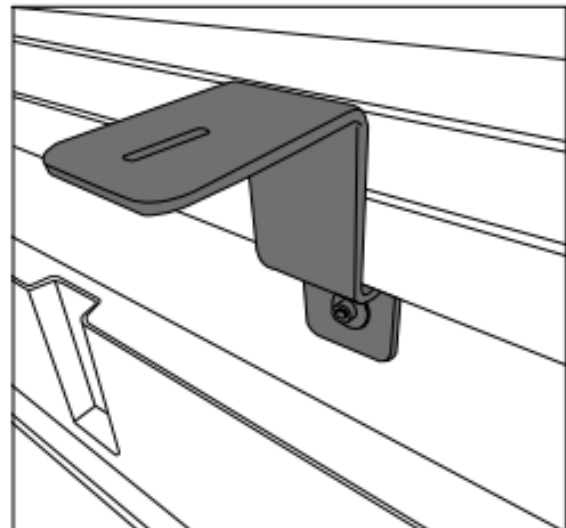
After-poppet

20

Install the bracket in the accessory S using the hexagon head bolt in the accessory N M6\*40, the accessory P M6 spring washer, the accessory O M6 large washer and the accessory Q bracket pad, and do the same on the other side.



N P O S Q



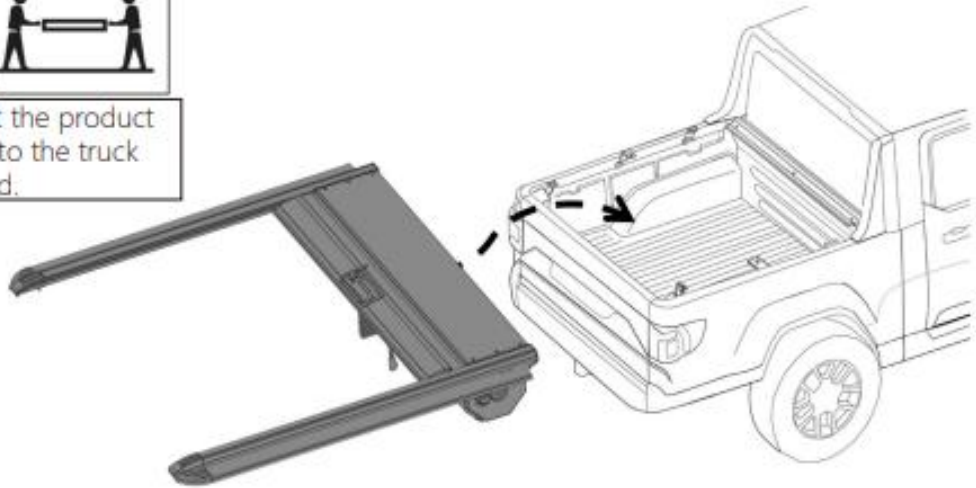
Middle bracket

## 2.4 Product

21

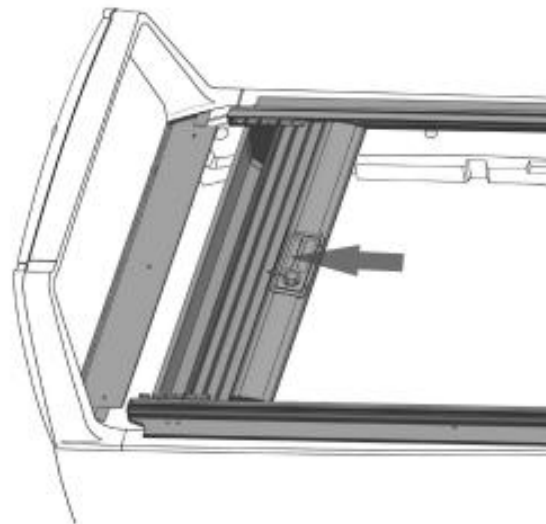


Lift the product onto the truck bed.

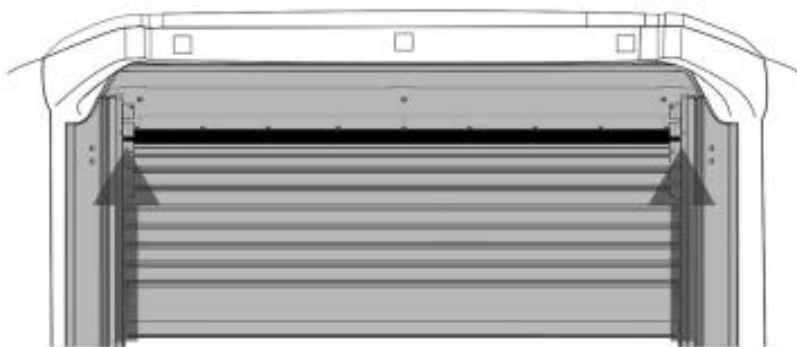


Tips: Installation requires 2 people to carry the product onto the truck bed for safety of personnel and product.

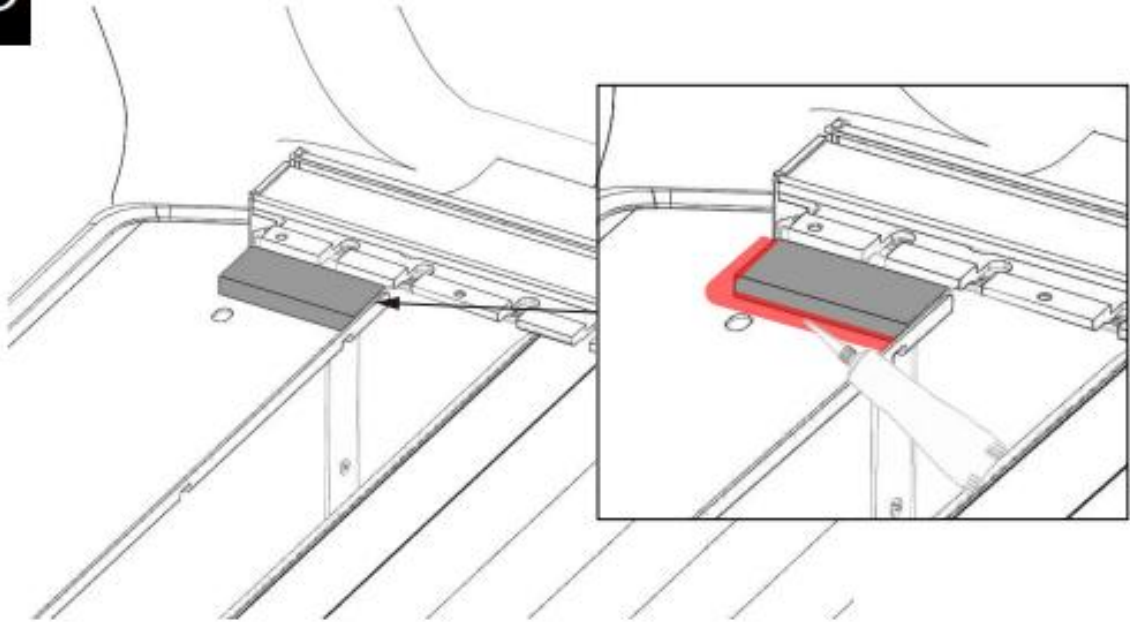
22



Lift the cover to the carriage, leaving a certain distance between the cover and the front water deflector, and then gently push the cover forward so that the lower surface of the water deflector is in contact with the upper surface of the canister



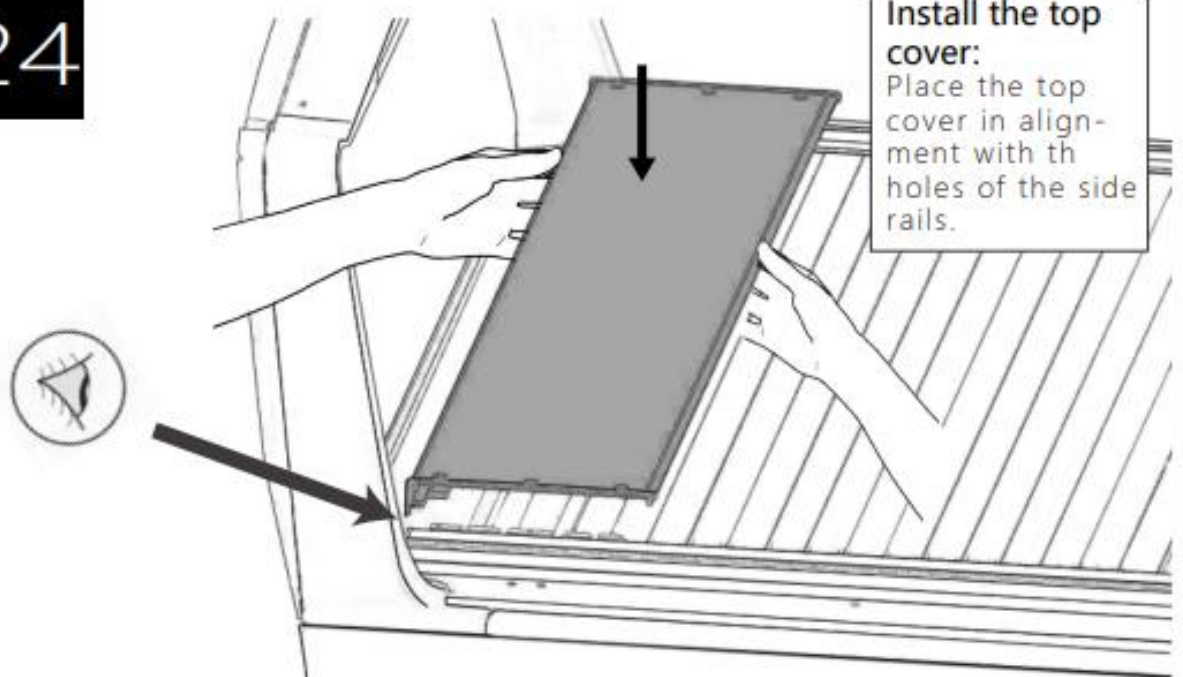
23



Stick the foam between the front waterproof bar and the side rail, and apply sealant along the edge of the bottom contact surface.

TIPS: The

24

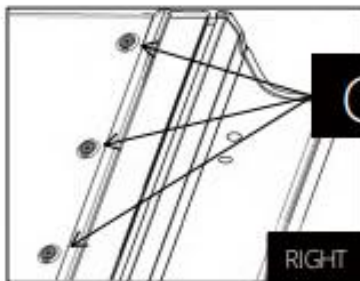
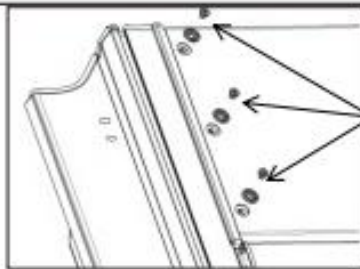
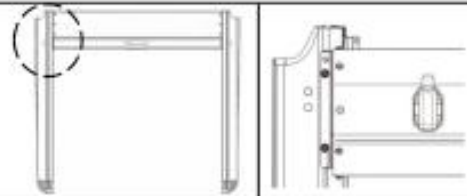


**Install the top cover:**

Place the top cover in alignment with the holes of the side rails.

TIPS: The cover needs to be aligned, be careful not to scratch the canister.

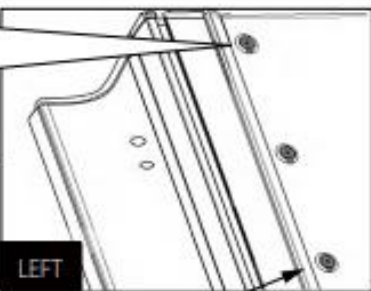
25



USE:

4

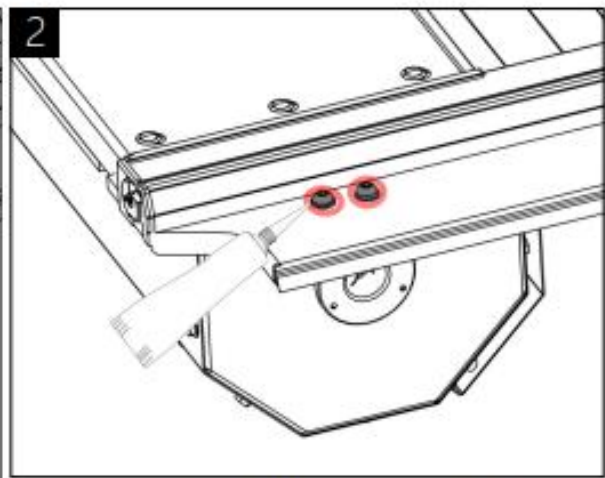
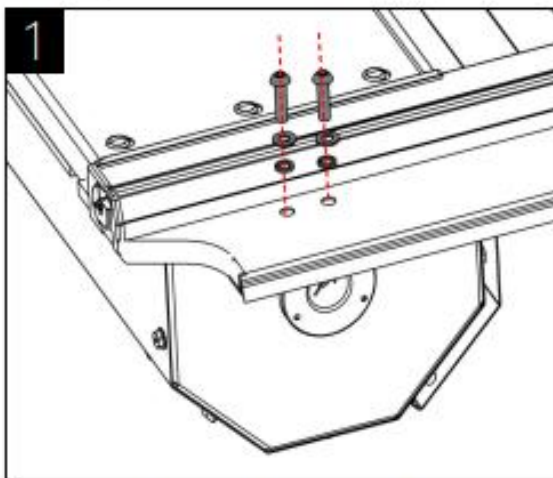
S=5



Tips: Pre-tighten the bolts on left side, Then on right side, And fix all the bolts finally.

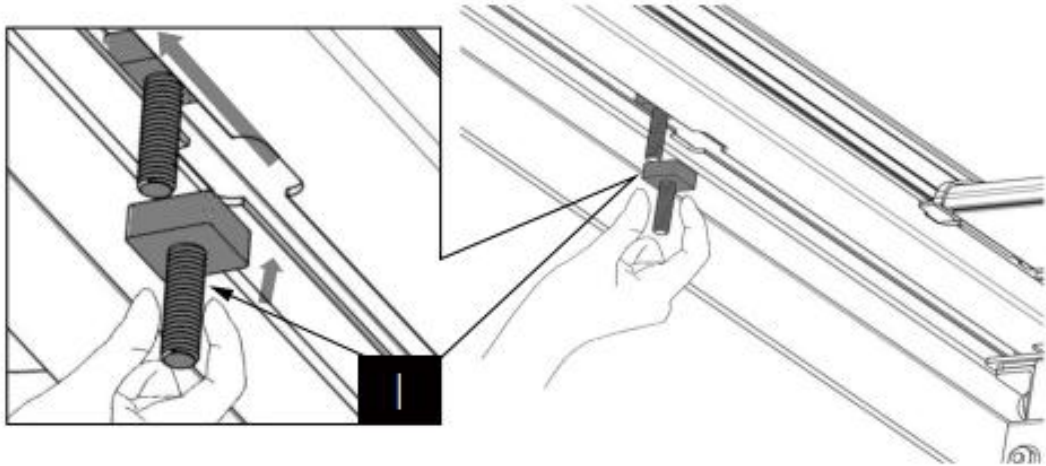
Put the bolt and washer on the hole of the top cover, tighten the bolt with a wrench and cover the bolt with a nut.

26



Use M8\*30 bolts, M8 nuts, M8 large washer and front bracket pre-tightening in the 4 through holes on both sides rails. After tightening the nut, it is recommended to apply some sealant)

27



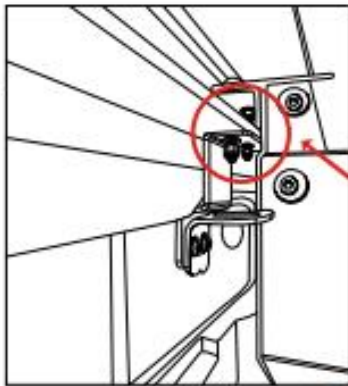
Place the T bolts into the side rail slot, 2 on each side , different model differenc quantity.

28



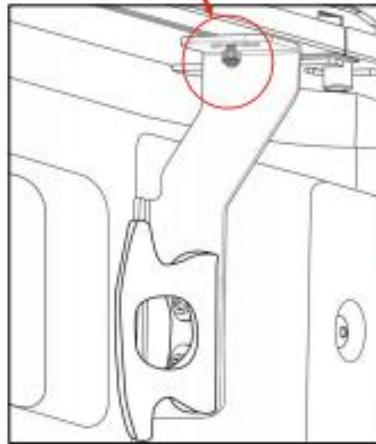
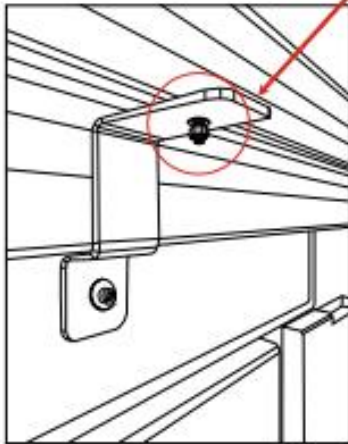
Gently lift the side rail and place the bolt into the bracket hole.

29



Install the front brackets, middle brackets and rear brackets respectively.

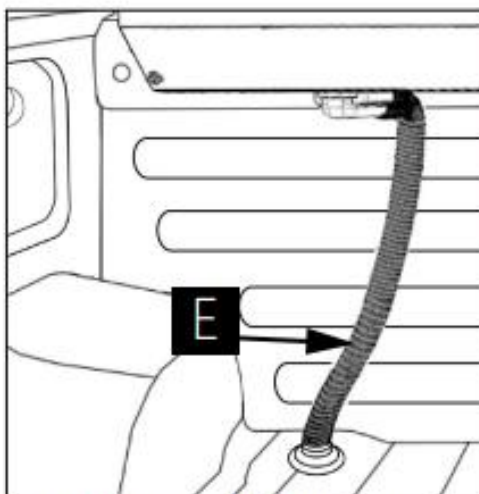
Connect the front bracket, middle bracket, and rear bracket to the side rail with the M6 self-locking nut. Do not tighten the nuts in this step.



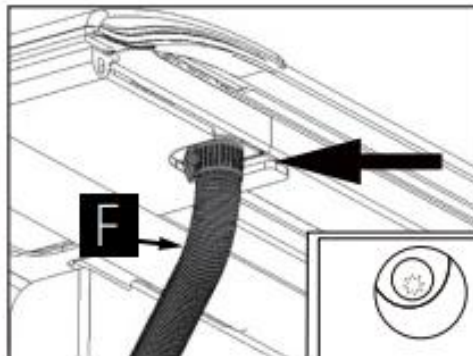
NOTE: Installation steps are the same on both sides, do not tighten to allow clearance for mounting on vehicle.

30

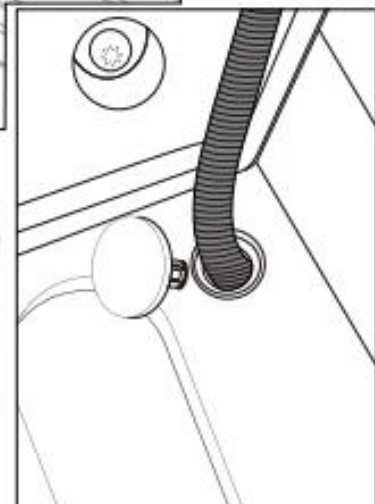
Install The Drain Tube



Route the ends of the two front drain hoses through this hole in the compartment.

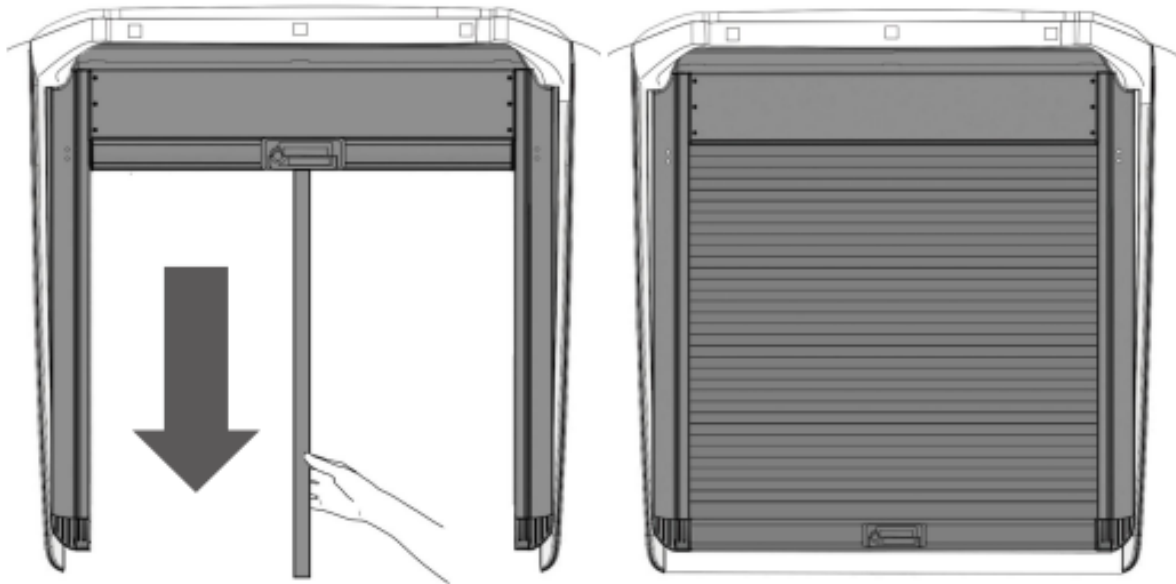


Route the ends of the two rear drain hoses through this hole in the compartment.



## 2.5 Adjustment / Inspection (gauge M5 or M6)

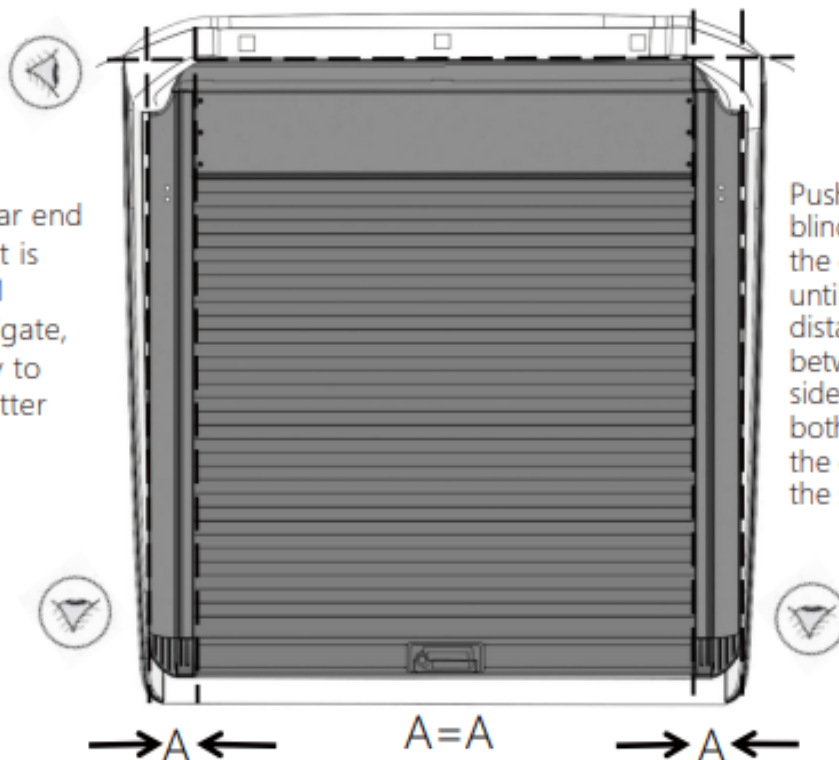
### 31



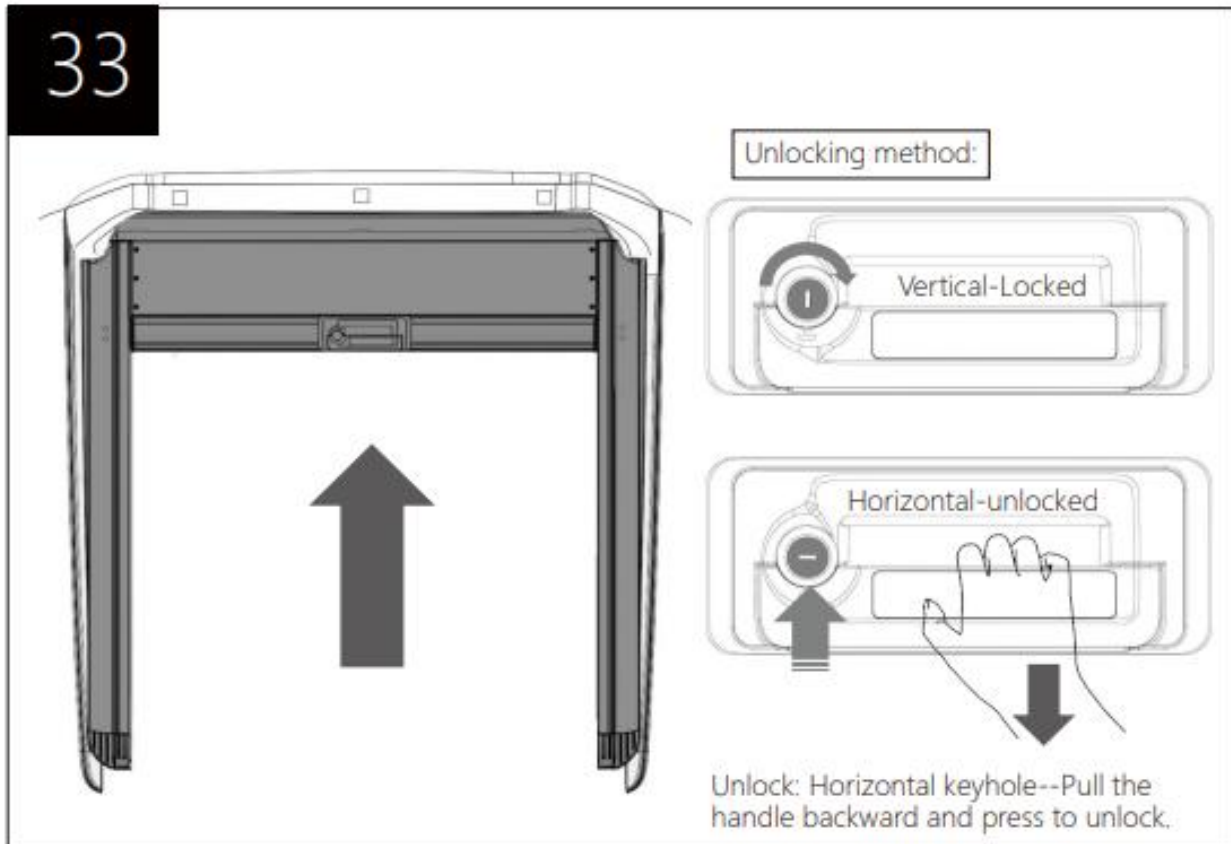
Pull the pull rope at the tailgate page of the product to close the product shutter.

### 32

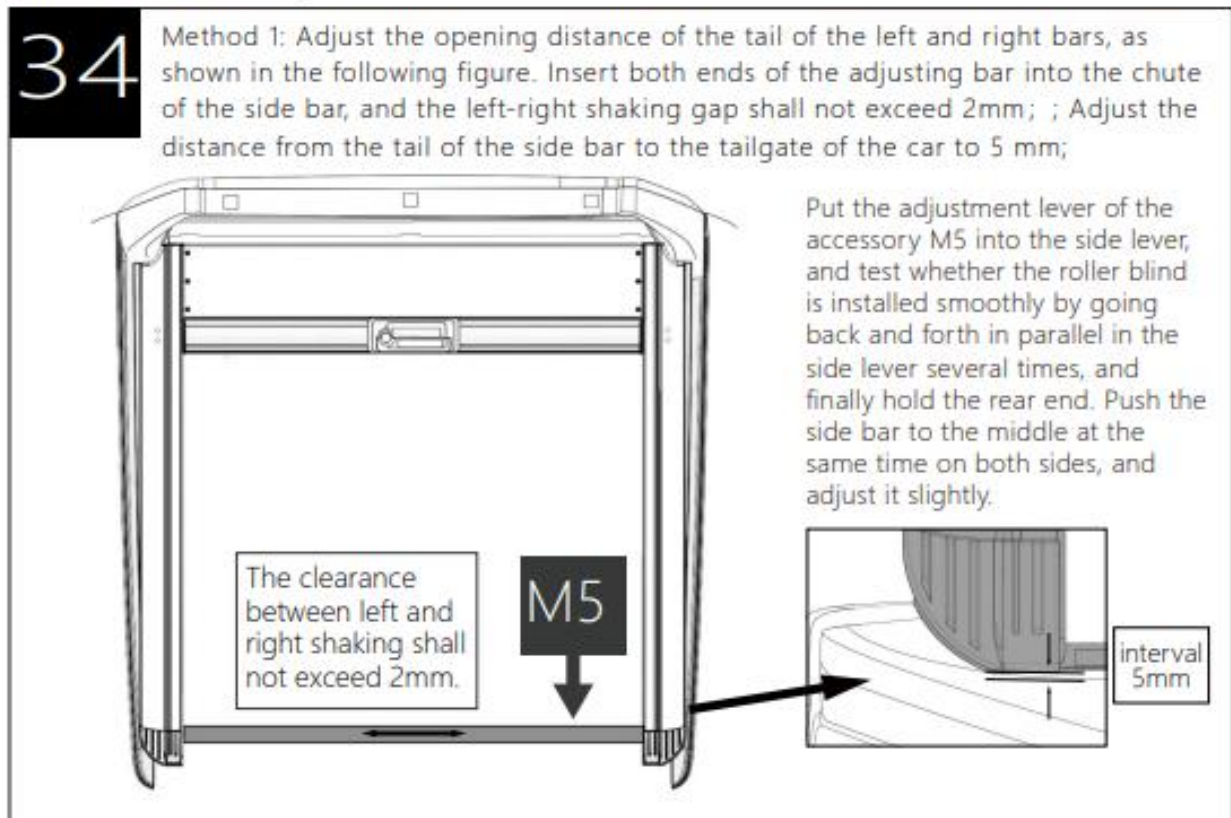
TIPS: If the rear end of the product is not 1CM-2CM above the tailgate, it is necessary to move the shutter back less.



Push the roller blind against the carriage until the distance between the side bars on both sides and the carriage is the same.



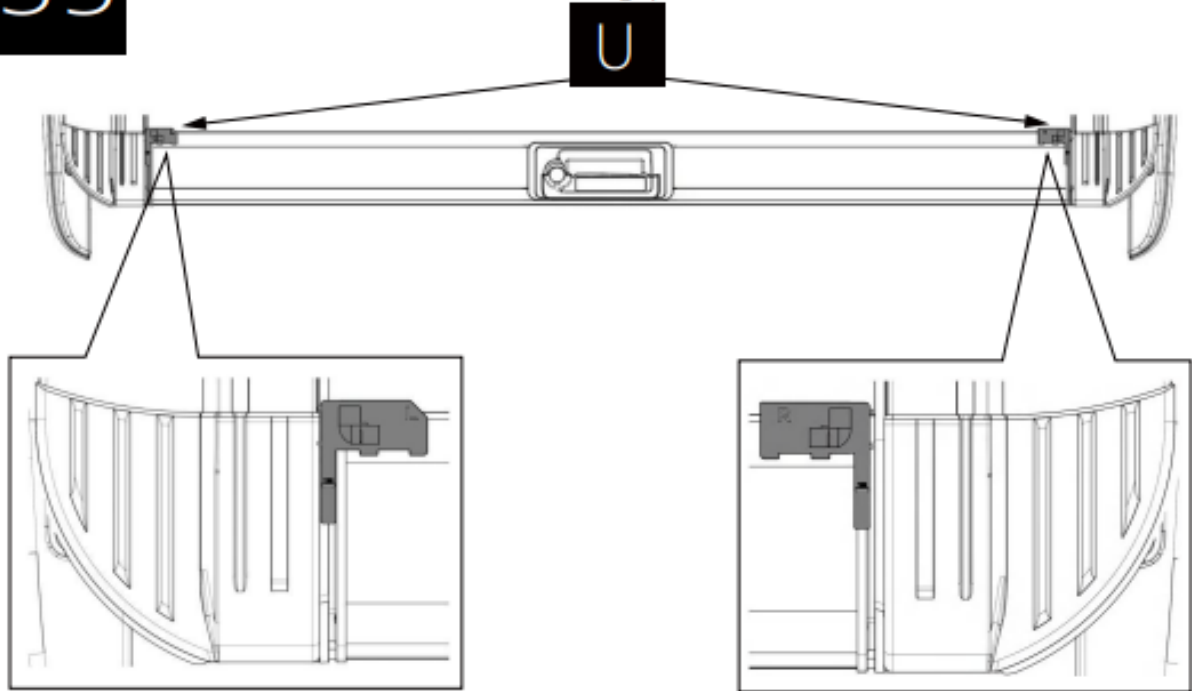
Option 1: Adjusting lever



Option 2: fixture fittings u


35

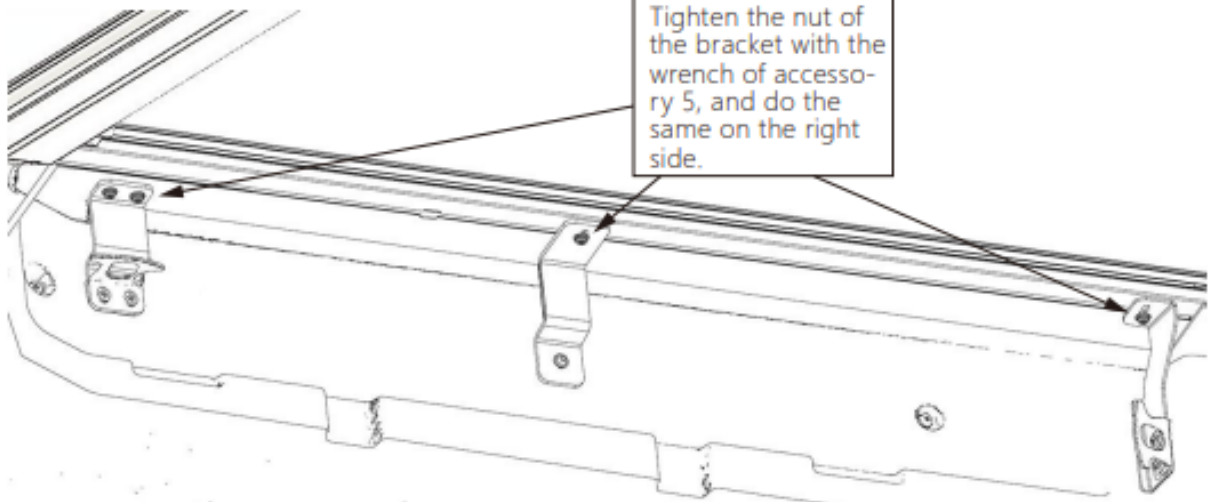
Method 2: Close the roller blind, and place the fitting U between the tailgate rod and the end of the side rod, and the gap between 7 -9 mm is the best.



Note: The above two adjustment methods should be selected according to the actual situation.

36

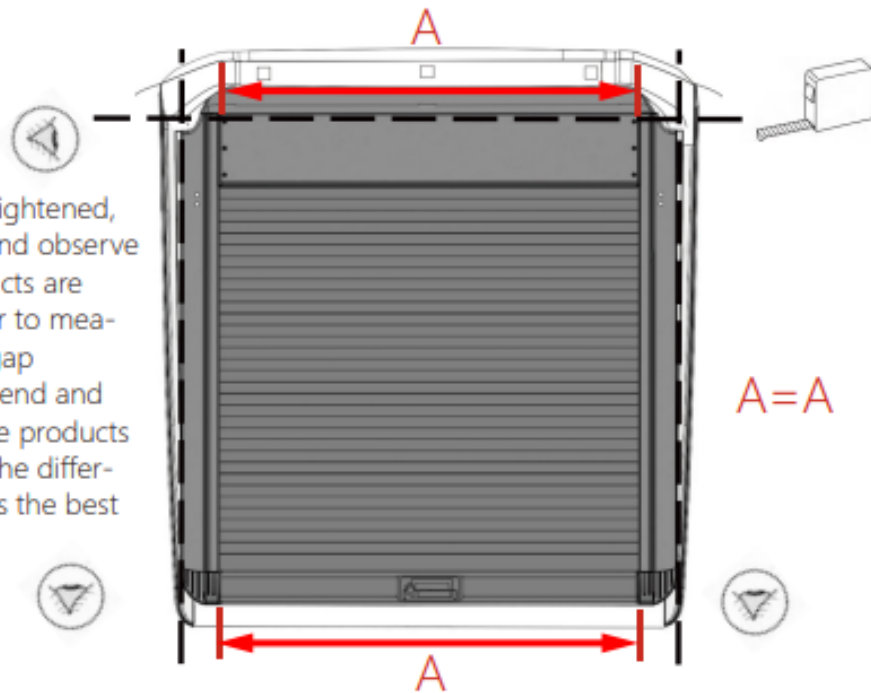
USE: **5**  
  
Tighten the nut of the bracket with the wrench of accessory 5, and do the same on the right side.



TIPS: After the bolts are tightened, take away the adjusting lever of accessory M5 or the fixture of accessory U

37

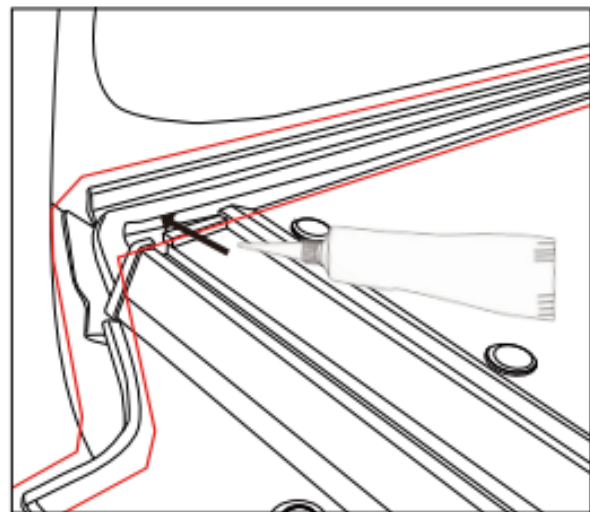
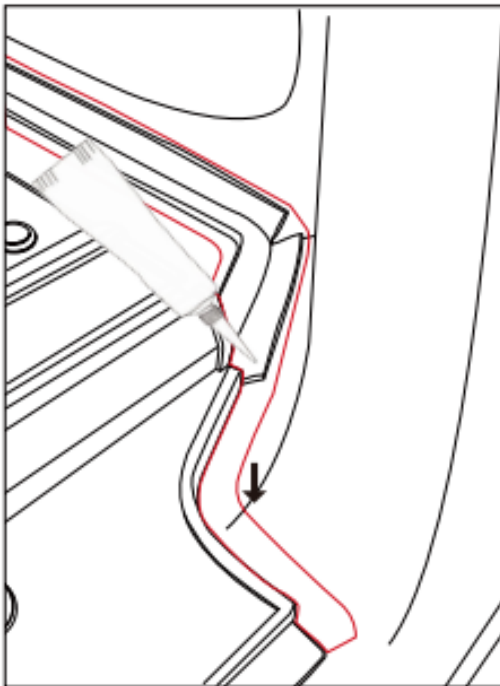
After all bolts are tightened, close the shutter and observe whether the products are parallel. Use a ruler to measure whether the gap between the front end and the back end of the products is consistent, and the difference within 2MM is the best state.

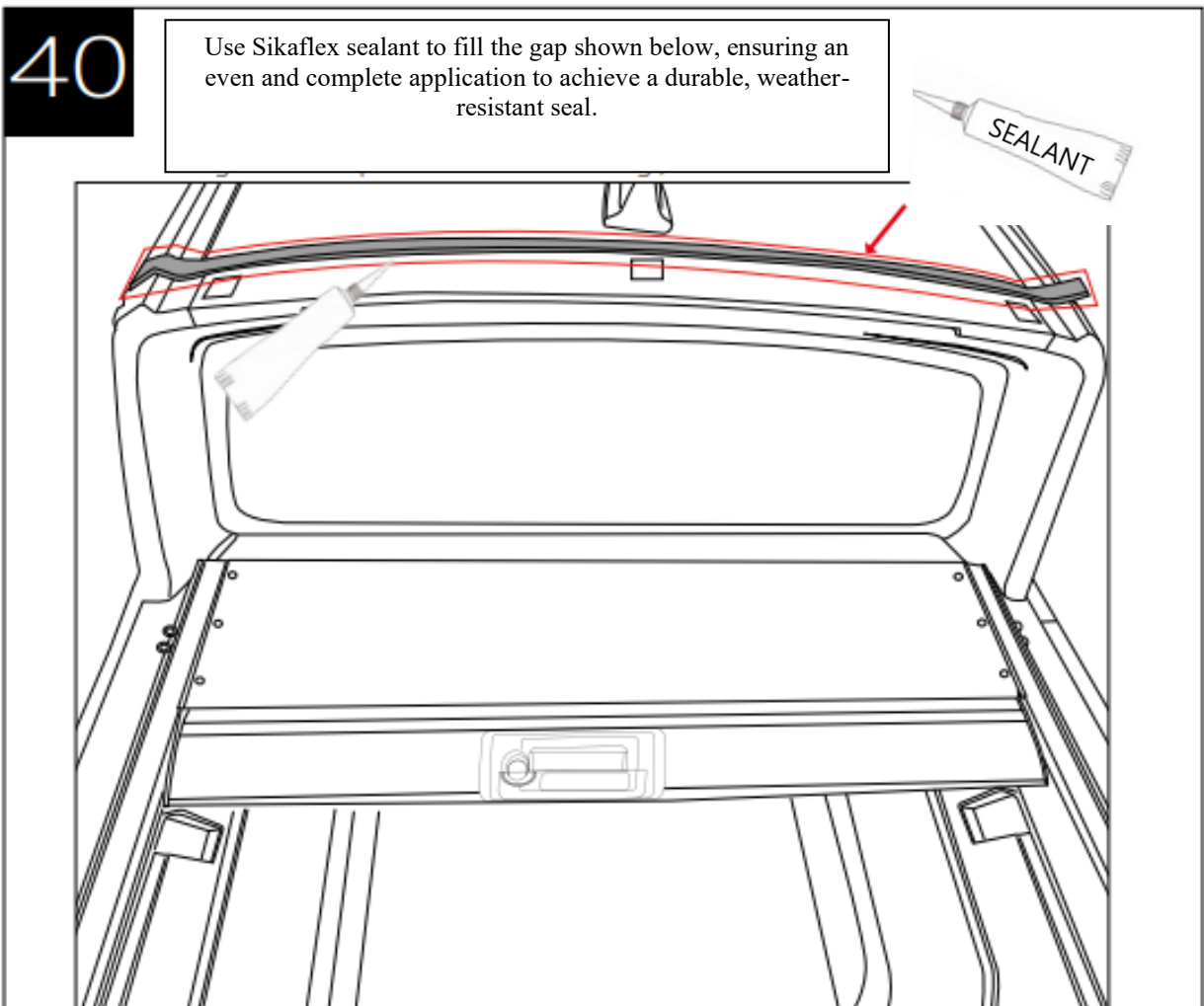
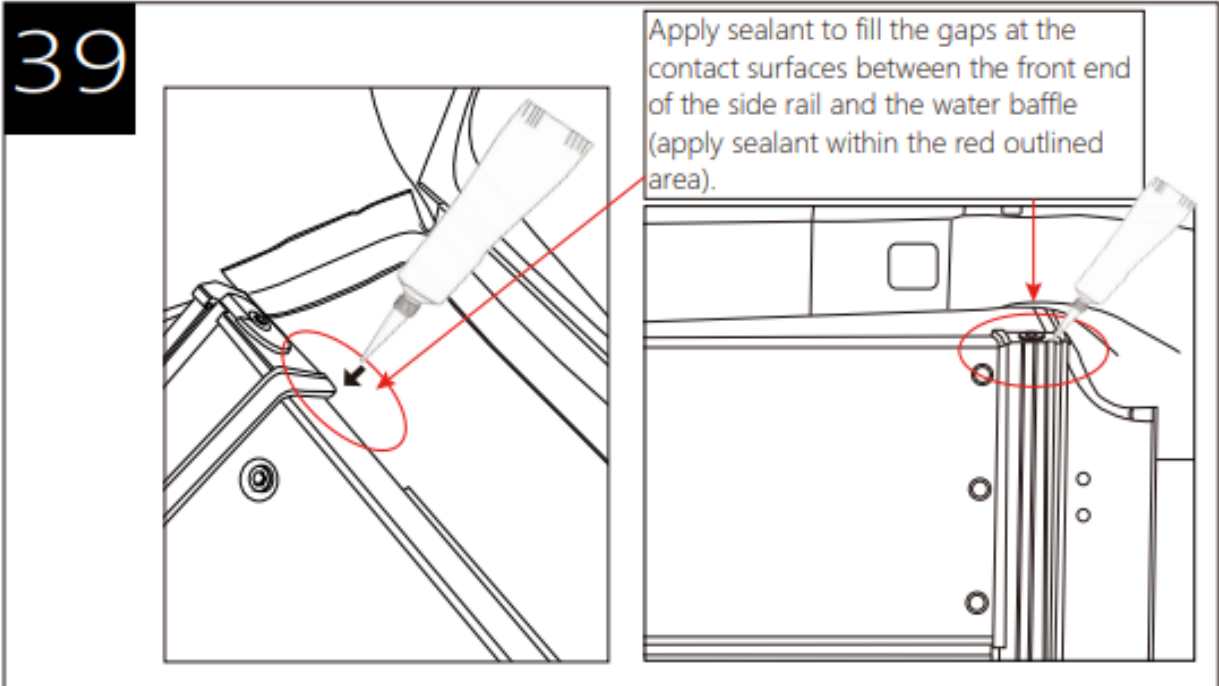


38

### Play Glue

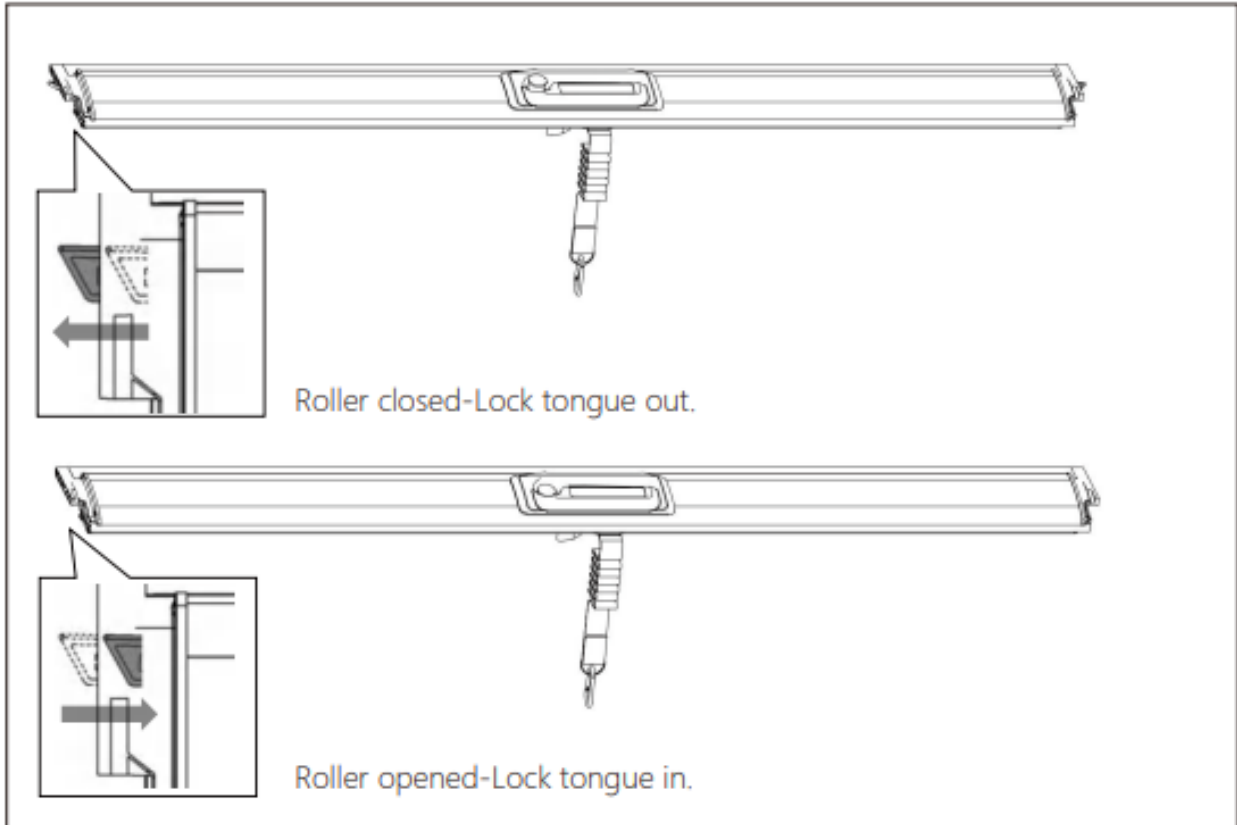
Fill the contact surface between the retaining strip and the carriage (glue in the red wire frame)



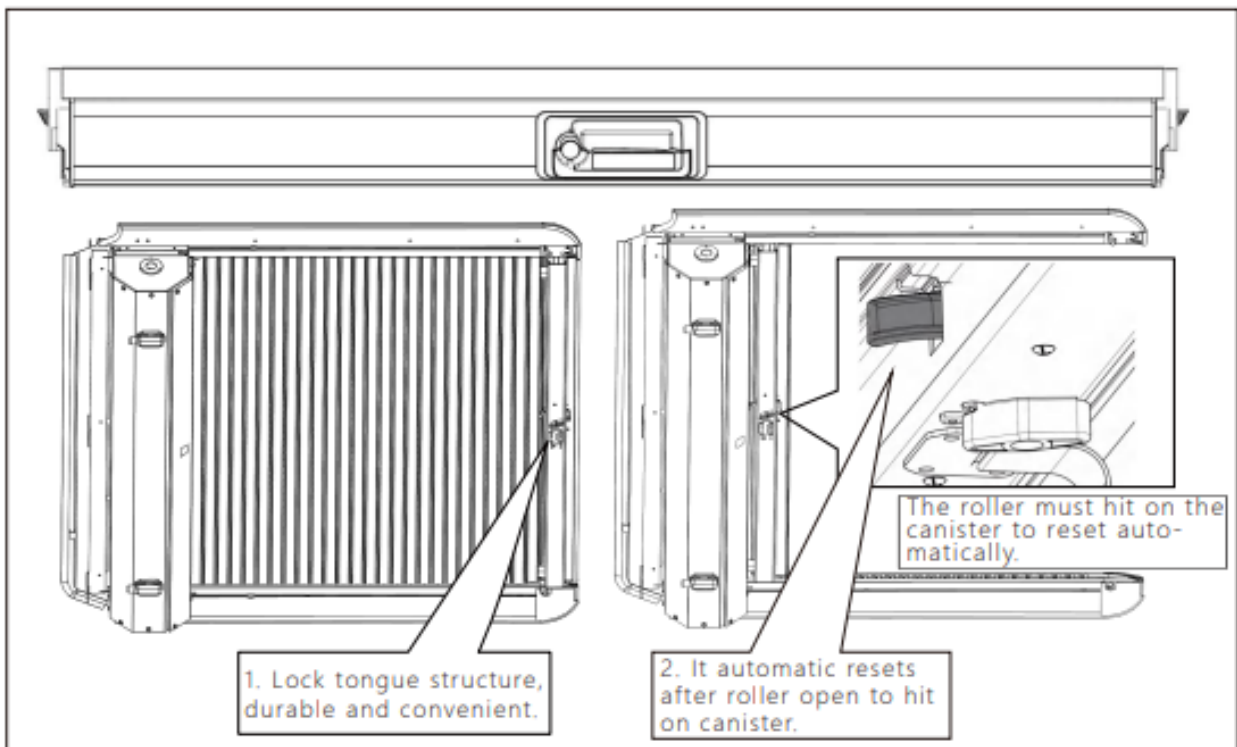


## 3 Product Introduction

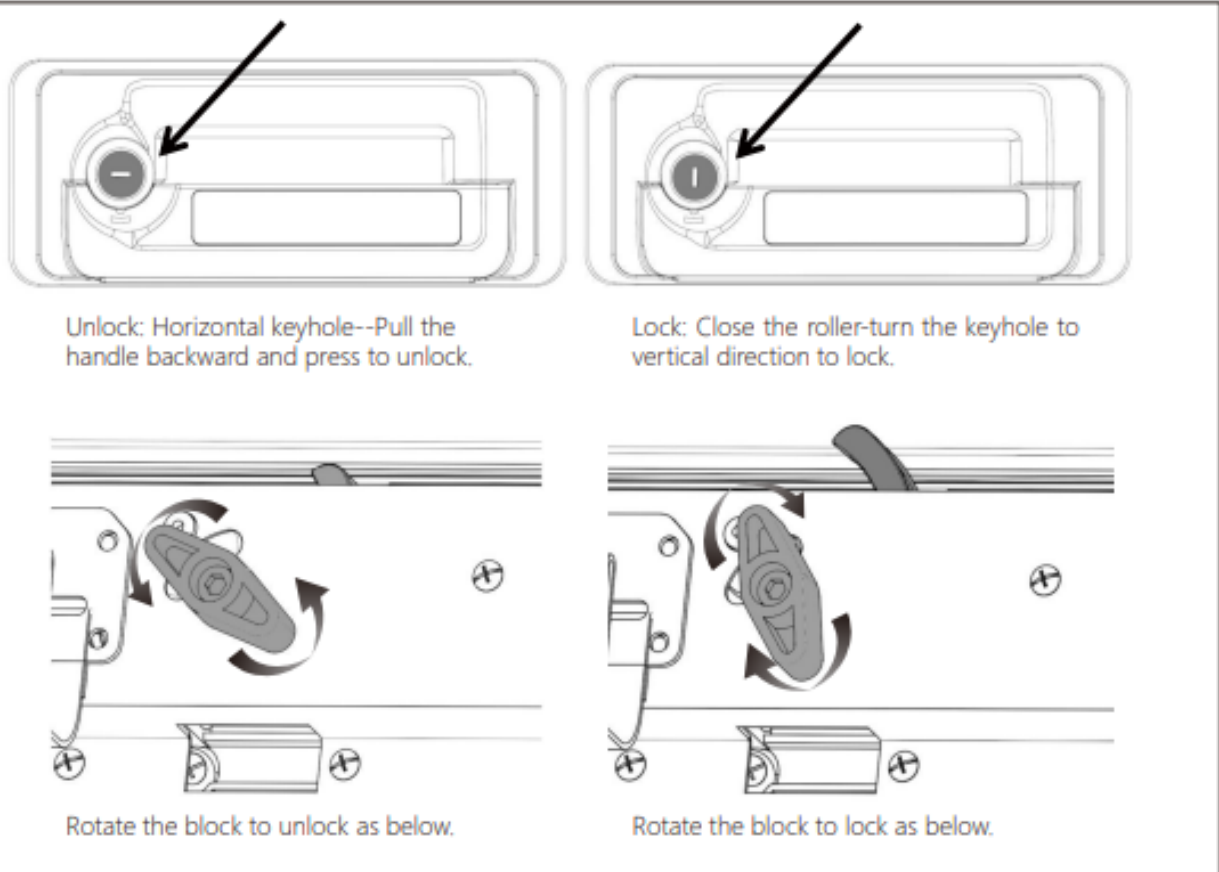
### 3.1 Manual Lock Introduction



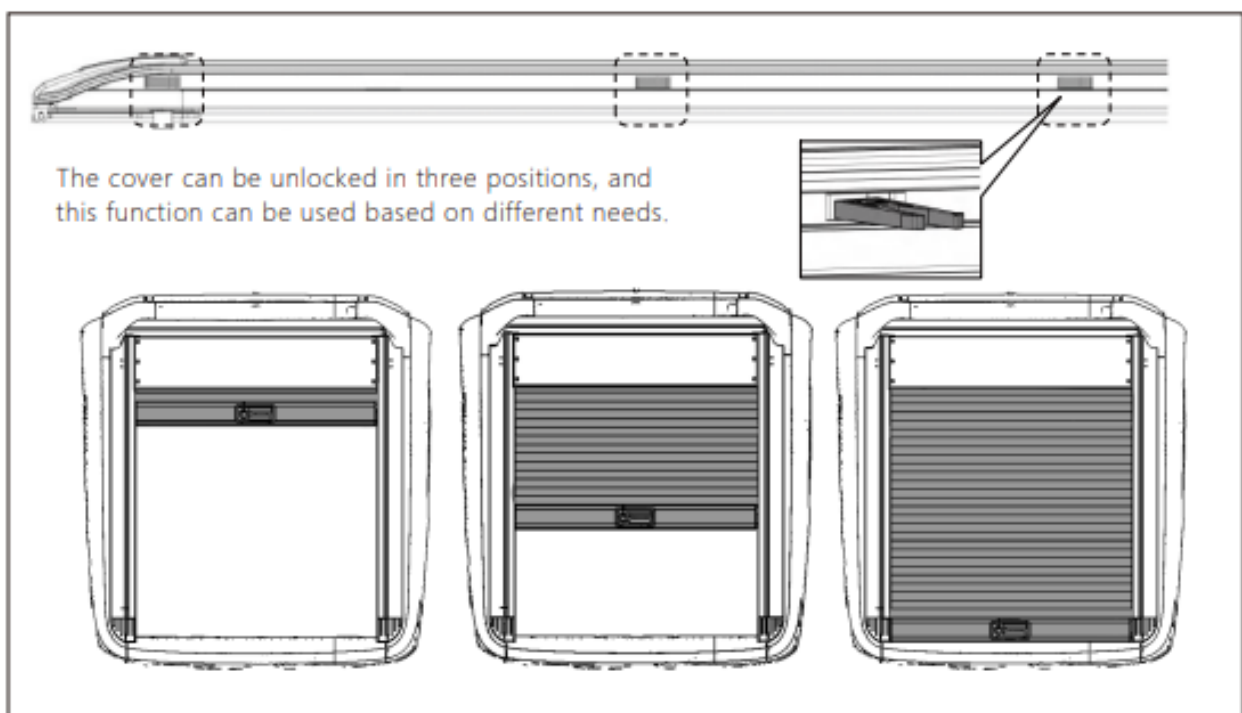
### 3.2 Benefits



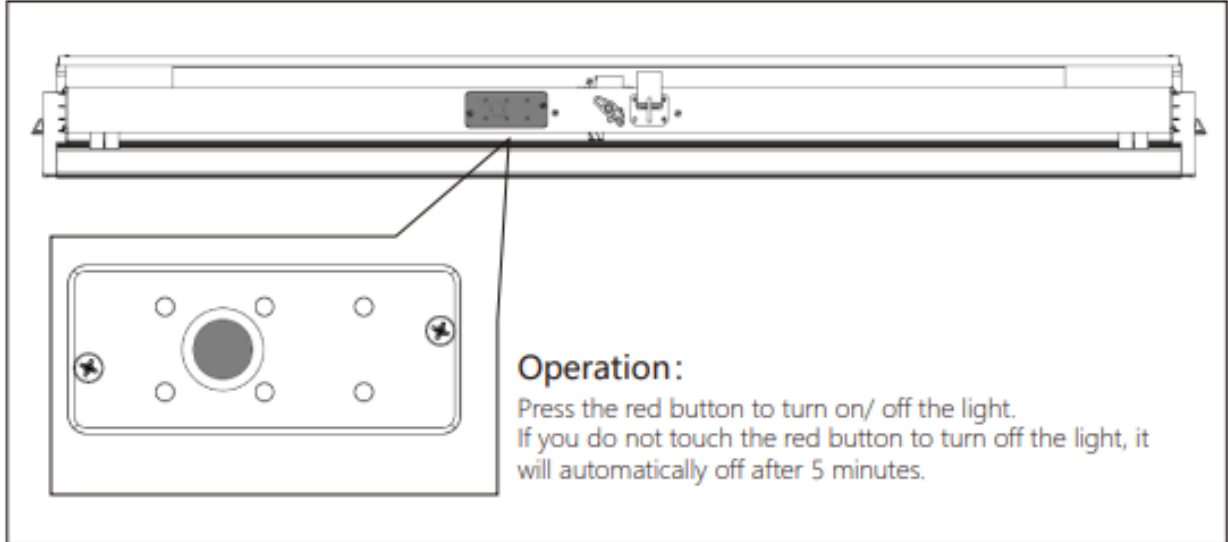
### 3.3 Operation



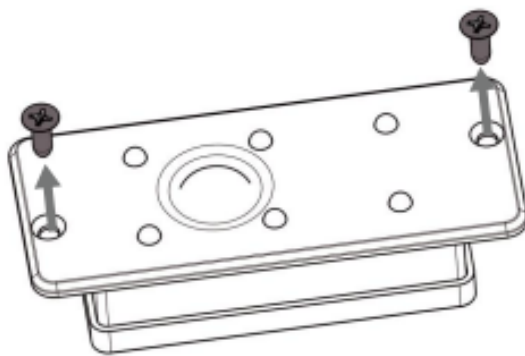
### 3.4 Function Introduction



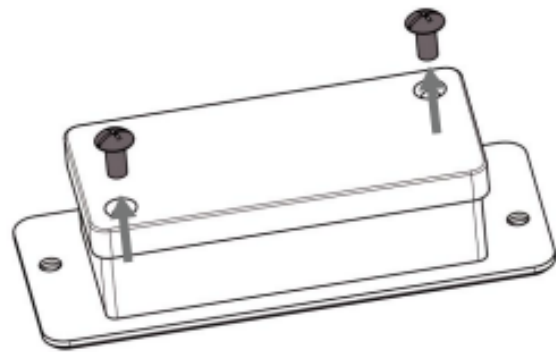
## 3.5 LED灯



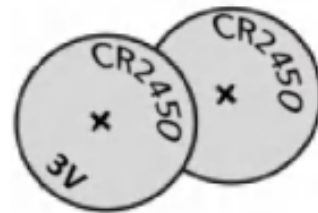
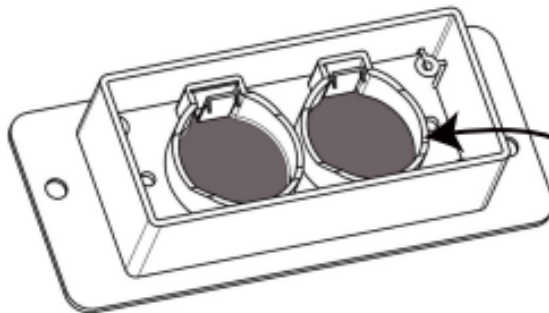
### Change the batteries for LED Light:



Unfasten the screws on both sides to take out the light box.





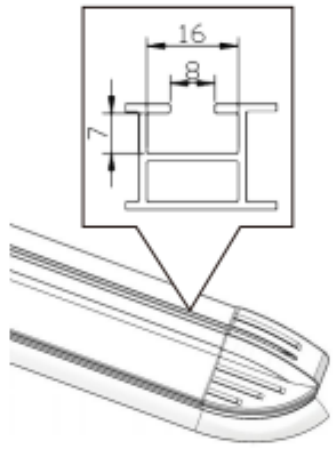

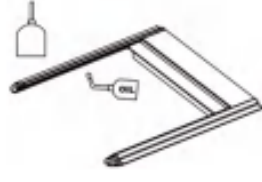
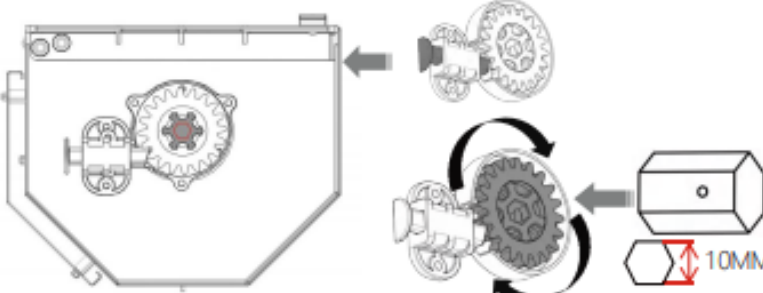
Unfasten the screws under the light box;



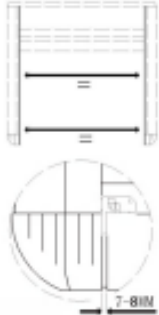


Replace with new batteries and install the light box back to the roller.  
Please pay attention to the +/- pole of the batteries during installation.

## 4. Common problem solving

### 4.1. Daily Maintenance

 <p>Keep the drainpipe free from blockage.</p>	 <p>Please clear the litter before use.</p>	 <p>Compatibility :M8 bolt.</p>
 <p>Clean and lubricate the canister every 6 months.</p>	 <p>Clean and lubricate the track every 3 months.</p>	
		<p>If the roller retract speed is too fast or customer has to take out the cover to clean canister, please pull out torsion spring control block to release the force.</p> <p>If the roller retract speed is too slow/less force, then rotate clockwise with the hex block. Note: No need to operate the torsion spring control block.</p>

### 4.2. Common Problem Solution

Number	Common fault phenomenon	Analysis	Pics	Solutions
1	Abnormal sound-2 short	1.Side bars are instal led inward or outwa rd and not placed parallel. 2.Big resistance leads to non-smooth op eration. 3.Side barsde- form due to heavy load for sport bar/ladder rack etc.		<ol style="list-style-type: none"> <li>1. Use the installation gauges.</li> <li>2. Adjust the side bar installation to make sure the front and rear distance are the same.</li> <li>3. Pull the roller out completely and measure the gap between tailgate bar and side bar ends, gap between 7-8mm is the best.</li> <li>4. Check if the side bar is deformed by the pressure of other heavy load parts.</li> <li>5.Adjust the brackets of side bar instal- lation, to make sure the side bars are parallel to the roller.</li> </ol>
2	Abnor- mal sound-4 short	No Hall signal detected.		<ol style="list-style-type: none"> <li>1.Unplug and replug the controller connector as well as the motor.</li> <li>2.Replace the controller or motor.</li> </ol>
3	The remote key can not control the cover	1.The cover not power on. 2.Low battery in the remote key. 3.Un- matched co de with controll er.		<ol style="list-style-type: none"> <li>1.Check if the LED light on controller is flashing to confirm power supply is okay. If no power, check if the positive fuse od roller burnt out.</li> <li>2.Check if the indicator on remote key is obviously dimmed or no light when you press the button, then replace battery.</li> <li>3.Do code match for the remotes.</li> </ol>

## 5 Helpful Maintenance Hints

1. To assure quiet and smooth operation of your roller, please regularly clean and lubricate the rail tracks and canister. It is recommended every 3 months or 6,000 km, or when you use it in muddy water, desert, Gobi desert, etc. Please focus on cleaning the side rails and the spiral track inside the container which may have sand, sludge, gravel and other sundry inside. Please use the lubricants we offered or other brand silicone oil-type lubricants after cleaning, and increase the frequency of using lubricants based on actual situation. Avoid using petroleum-based product on rubber seals. Lighter oil spray lubes with PTFE (Teflon) seem to work the best when regularly wiped out and reapplied.
2. Avoid the thicker grease type because they tend to get sticky and gather a lot of dust and debris and then later dry out. Also Avoid the silicone dry lubes as they tend to cause squealing noise between the sliding components.
3. Please make sure the roller is in a stop status before cleaning/lubricating, to avoid causing extrusion or collision injury.
4. To clean the rail tracks and the spiral track inside the container, please apply the lubricant to a rag and wipe it inside of the rail tracks, along the underside of the sweep seal and the top of the wear strip. Repeat until the dust has been removed. You can also use a high-pressure water gun if necessary and then make sure all components have been lubricated. Please DO NOT direct aiming the high-pressure water gun to the motor/ECU/connector when cleaning, and do some necessary waterproof protection for connectors/plugs.
5. To clean the canister, remove the rail stops, or vertical rails as required, and run the cover out far enough that you can get into the canister. Apply the lubricant to a rag and wipe the inside of the canister, including all components inside the canister. Ensure the Drain Tubes are clear of any debris or blockage. Reassembly the cover.
6. To keep the roller in tip-top condition, we recommend washing it the same as caring for your truck finish. A lack of proper cleaning and maintenance can affect the operation of the product and reduce its life.
7. Do not attempt to drive with the tail panel in the partially open position.
8. Tonneau cover must be free of foreign material including snow and ice before opening panels.
9. Do not tow your vehicle from the rear with the tonneau on your truck.
10. Do not operate vehicle with objects on top of cover.