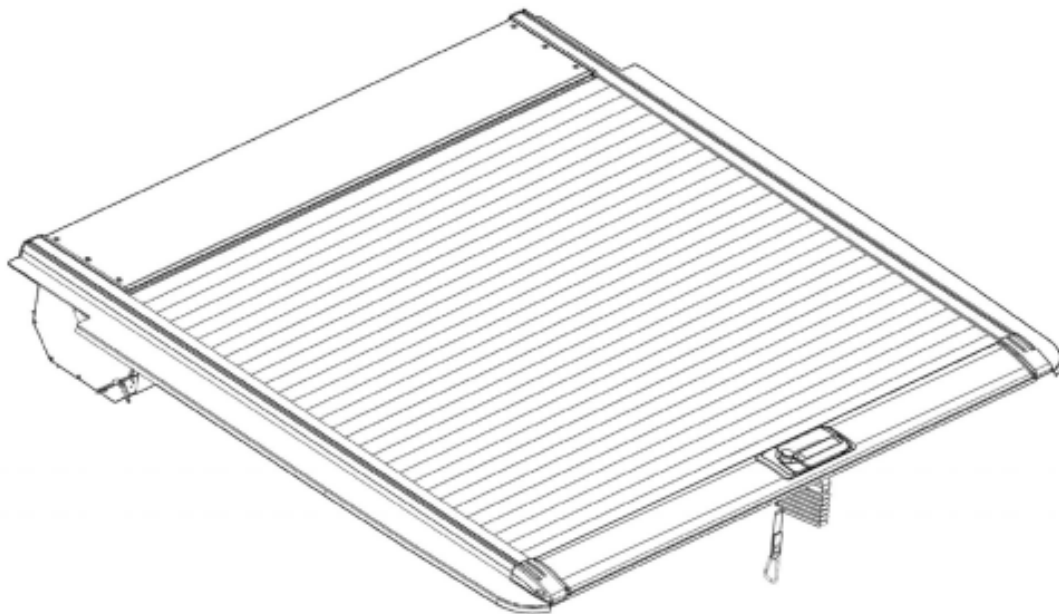


## FITTING INSTRUCTIONS FIT1354

PLEASE READ INSTRUCTIONS COMPLETELY BEFORE INSTALLATION

### ROLLING LID – LDV TERRON 9 MANUAL - WITHOUT BED LINER

### RL136M-P



#### 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.



AUTOMOTIVE ACCESSORY  
MANUFACTURE & DISTRIBUTION






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## 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	













### Bill of Material-Canister





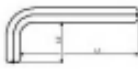

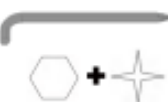











<b>A</b>  4X	<b>B</b>  10X	<b>C</b>  2X	<b>D</b>  2X	<b>E</b>  2X
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### Foam

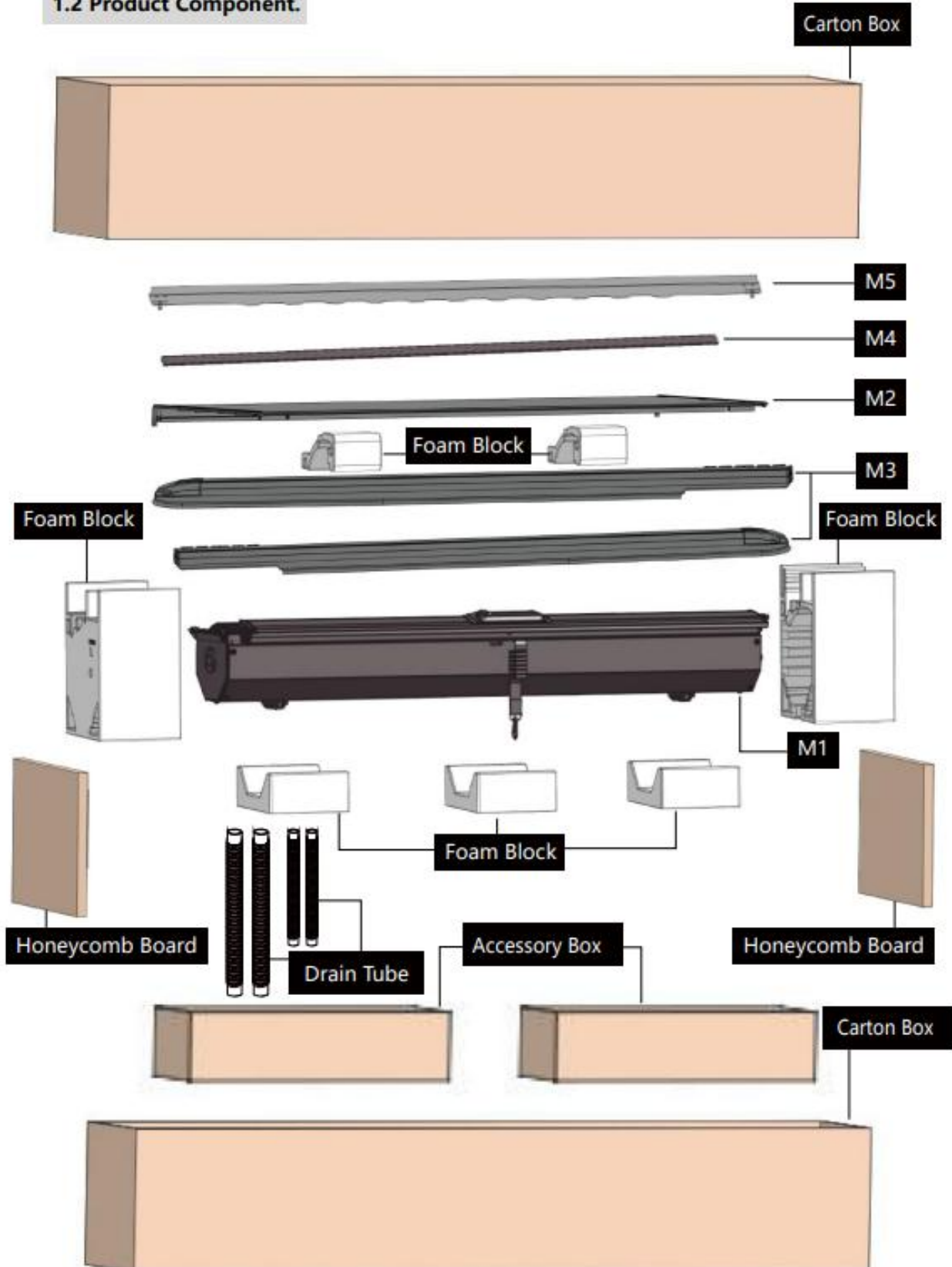
<b>K1</b>  Foam 430x46x3 2X	<b>K2</b>  Pre-EVA single-sided vinyl 1452x30x14 1X	<b>K3</b>  Foam 1610x40x10 1X
<b>K4</b>  Foam 1650x40x5 2X	<b>K5</b>  Pre-strip 1X	<b>K6</b>  Side Waterproof EVA Pad 2X

### Bill of Material-Brackets

<b>F</b>  Rear Support 2X	<b>G</b>  Middle Support 2X	<b>H</b>  Small Support 2X	<b>I</b>  Front Bracket L1+R1
<b>J</b>  Bottom Aquatic Support L1+R1	<b>K</b>  L1+R1	<b>L</b>  28*7*4 (厚) 10X	
<b>M</b>  M6*20 8X	<b>N</b>  M6 8X	<b>O</b>  M8*20 4X	<b>P</b>  M6*20 18X
<b>Q</b>  M6 18X			

<b>R</b>		<b>S</b>		<b>T</b>		<b>U</b>	
<b>M6</b>	<b>26X</b>	<b>M6</b>	<b>8X</b>	<b>2X</b>	<b>L1+R1</b>		
<b>Bill of Material-Tools</b>							
<b>Z1</b>		<b>Z2</b>		<b>Z3</b>		<b>Z4</b>	
<b>S=4</b>	<b>1X</b>	<b>S=5</b>	<b>1X</b>	<b>S=5</b>	<b>1X</b>	<b>S=8/10</b>	<b>1X</b>
<b>Maintenance</b>							
<b>Sealant</b>				<b>Lubricant</b>			
							
<b>3X</b>				<b>1X</b>			
<b>Other Assistive tools (Provided by Customer)</b>							
							
<b>H<sub>2</sub>O</b>						<b>Φ28mm</b>	<b>Φ20mm</b>

## 1.2 Product Component.



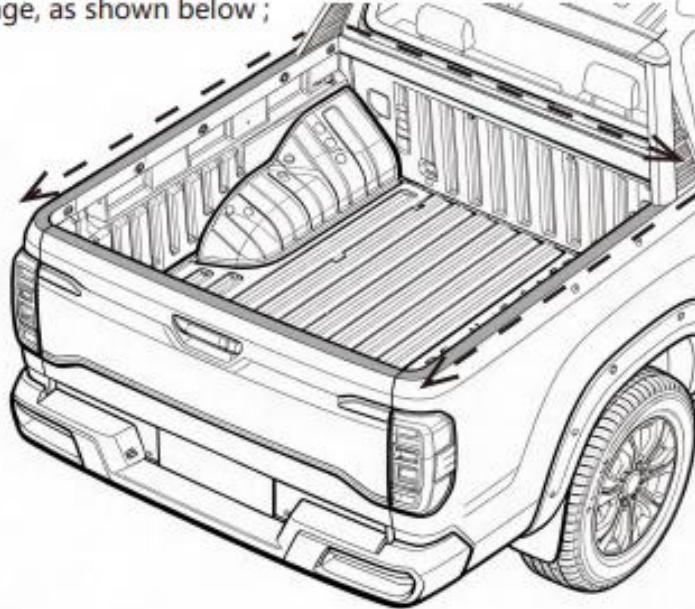
## 2. Installation

### 2.1 Preparation.

1

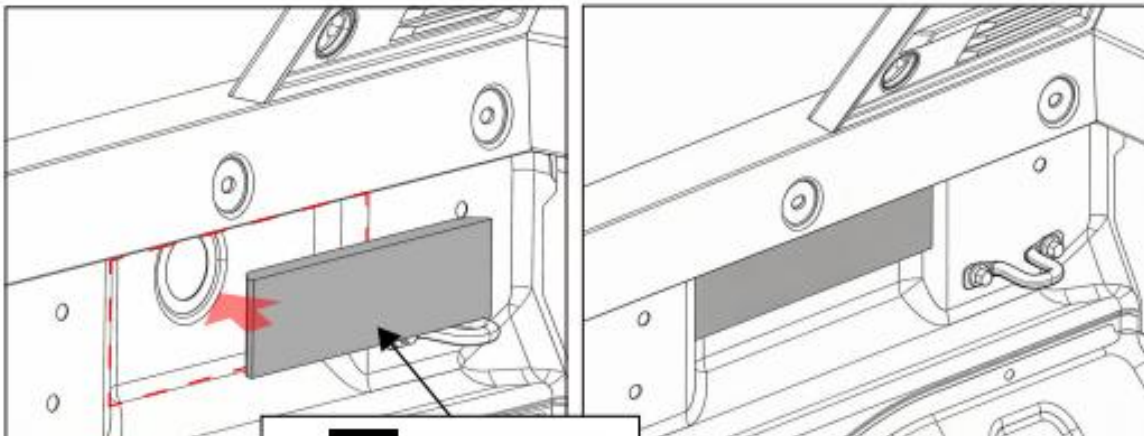
Cleaning up debris in the carriage, as shown below ;

USE:



Clean the upper edges of the car using water and a cloth

2



USE: **K6**



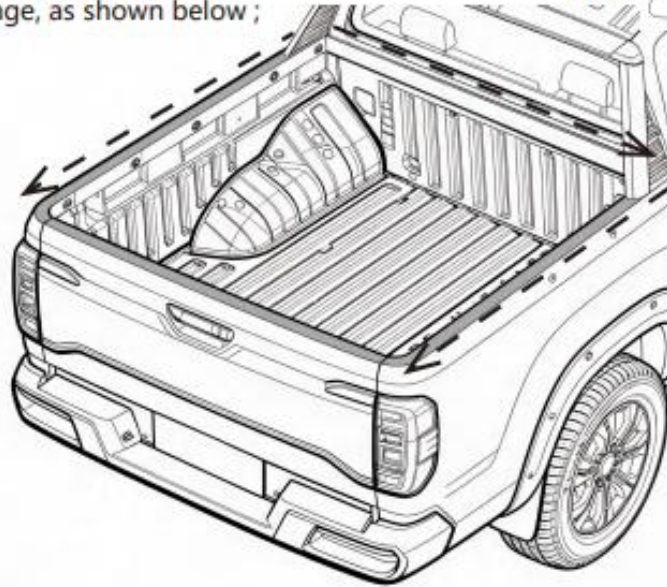
Side Waterproof EVA Pad

(K6) One-sided foam is glued to the interior of the carriage edge (as shown), the right side is the same.

## 2. Installation

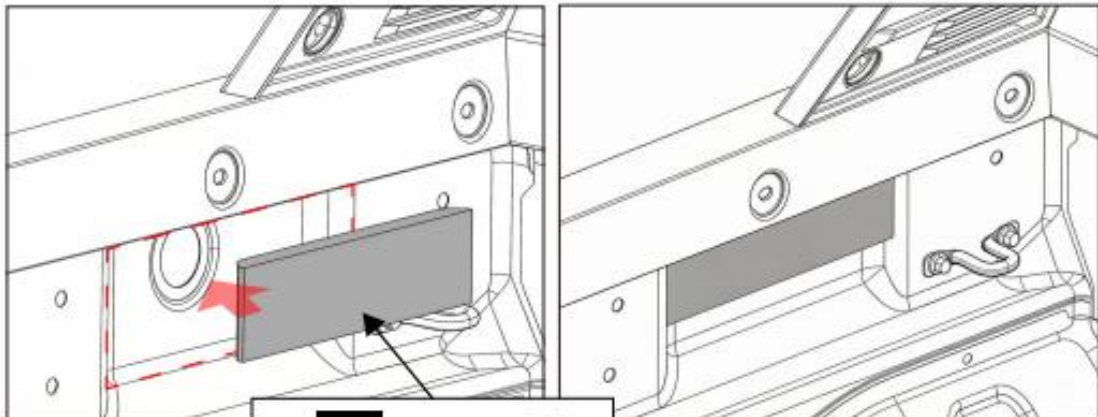
### 2.1 Preparation.

- 1** Cleaning up debris in the carriage, as shown below ;



Clean the upper edges of the car using water and a cloth

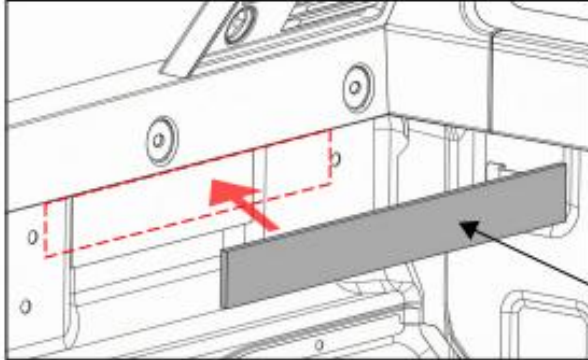
## 2



USE: **K6**  
Side Waterproof EVA Pad

(K6) One-sided foam is glued to the interior of the carriage edge (as shown), the right side is the same.

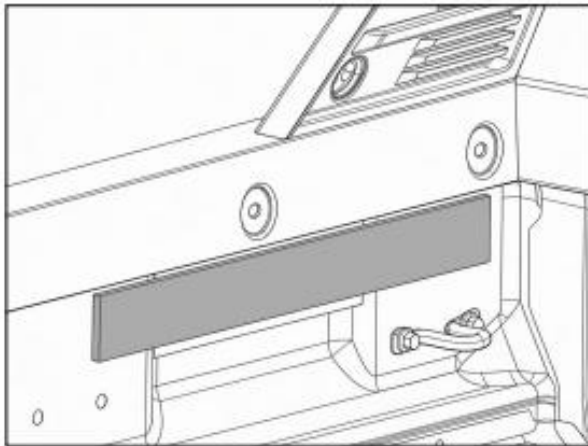
3



USE: **K1**



One-sided black glue  
430x46x3 (thick)



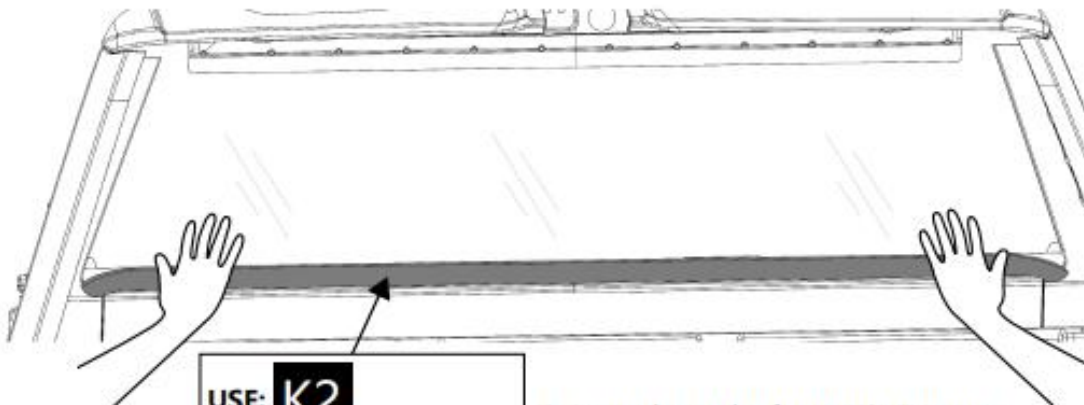
(K1) One-sided foam is positioned with the edge of the box as shown in the figure. The foam is pasted on the inside of the side of the car, the same on the right side.

TIPS: The foam holes need to be glued onto the original vehicle's screw holes, making it easier to install later.

4

Two approaches for adhesion of front waterproof foam

Plan 1:



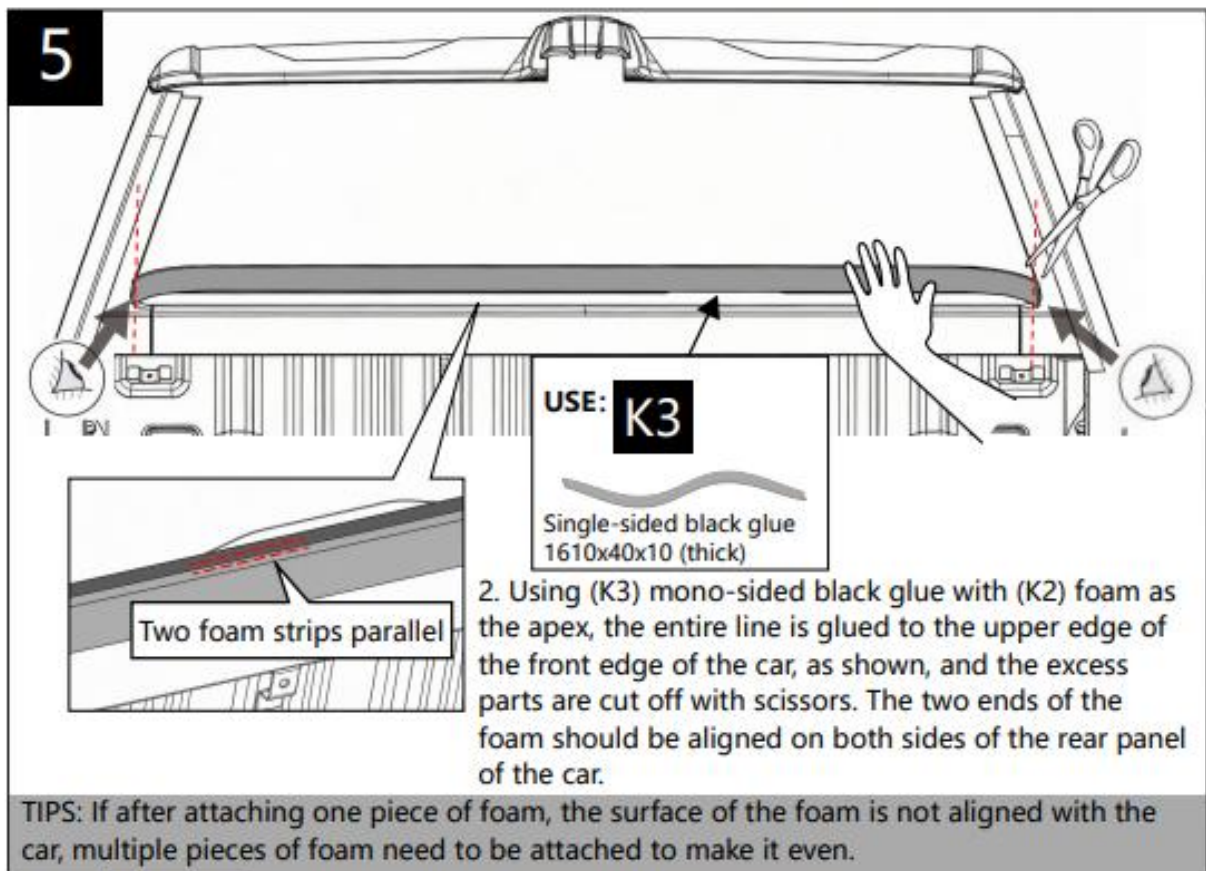
USE: **K2**



Front single-sided black glue  
1452x30x14 (thick)

1. Paste the entire front (K2) EVA mono-sided black adhesive onto the bottom edge of the rear window, as shown.

**5**



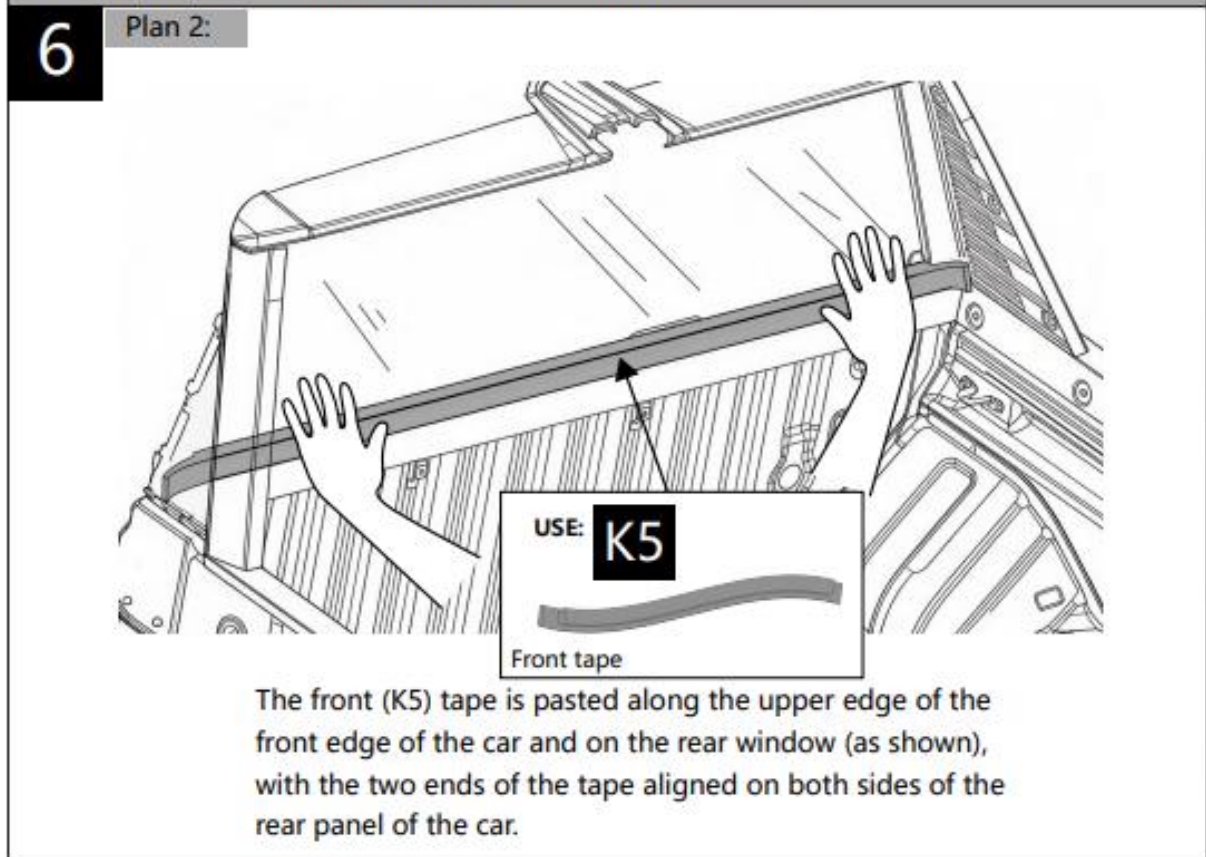
**USE: K3**  
Single-sided black glue  
1610x40x10 (thick)

Two foam strips parallel

2. Using (K3) mono-sided black glue with (K2) foam as the apex, the entire line is glued to the upper edge of the front edge of the car, as shown, and the excess parts are cut off with scissors. The two ends of the foam should be aligned on both sides of the rear panel of the car.

**TIPS:** If after attaching one piece of foam, the surface of the foam is not aligned with the car, multiple pieces of foam need to be attached to make it even.

**6** Plan 2:

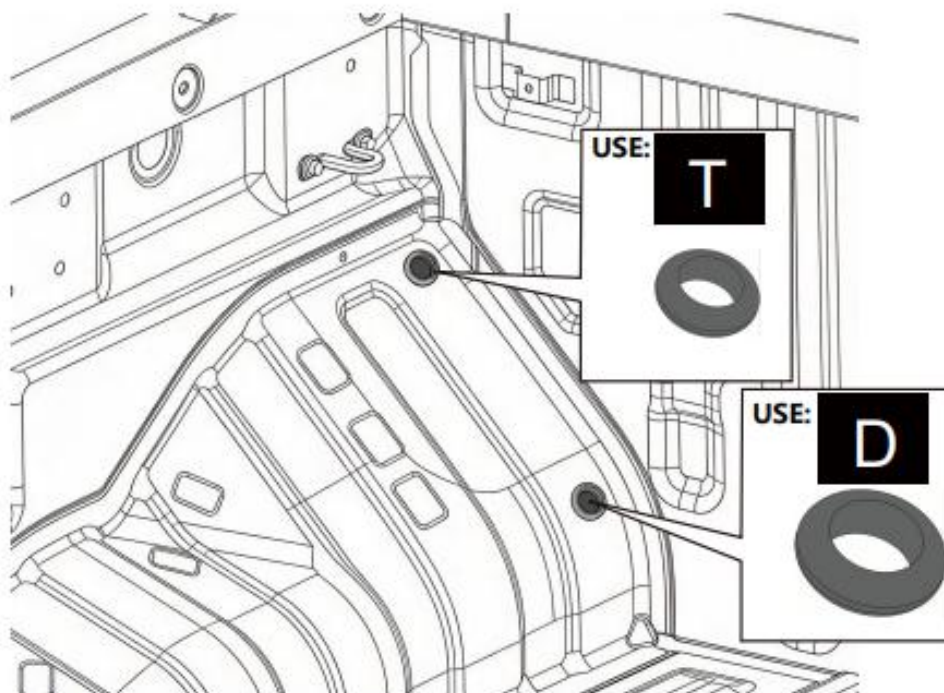
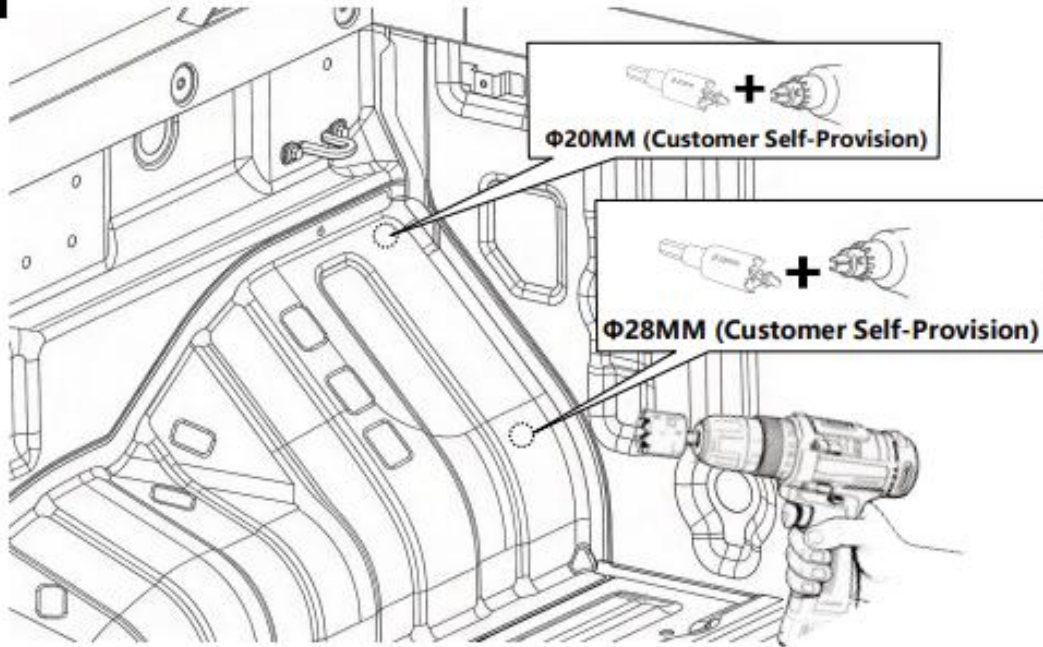


**USE: K5**  
Front tape

The front (K5) tape is pasted along the upper edge of the front edge of the car and on the rear window (as shown), with the two ends of the tape aligned on both sides of the rear panel of the car.

7

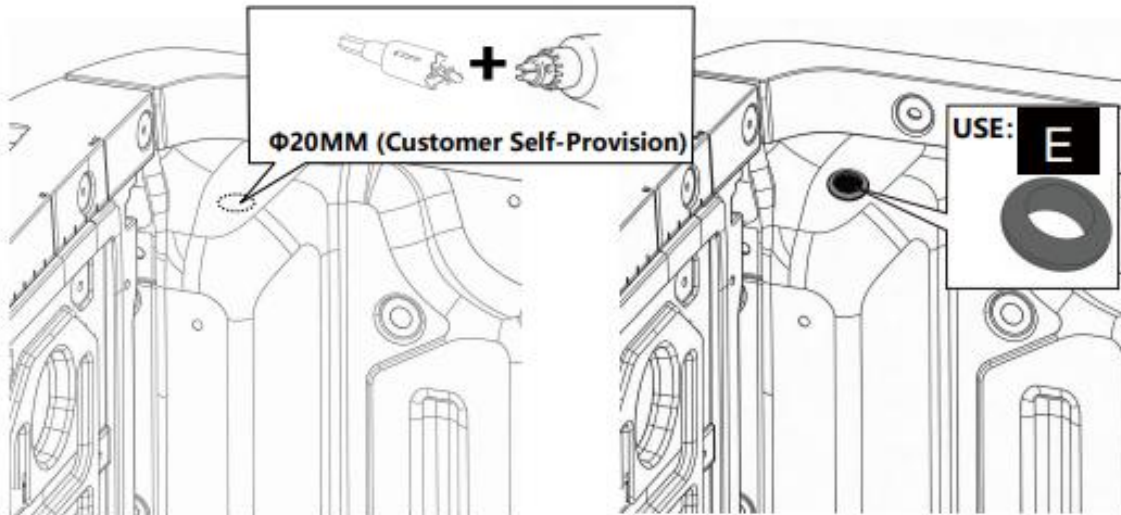
## Front Drain Water Hole



Use the  $\Phi 28\text{MM}$  and  $\Phi 20\text{MM}$  (customer-provided) perforators with a flashlight drill to drill holes in the car (note: two holes are needed, one for the body drainage hole and one for the front fender drainage hole, as shown in the figure). After drilling the holes, the bristle cloak needs to be removed, then rubber hoops (D) and (T) are installed to prevent water leakage, the right side is the same.

8

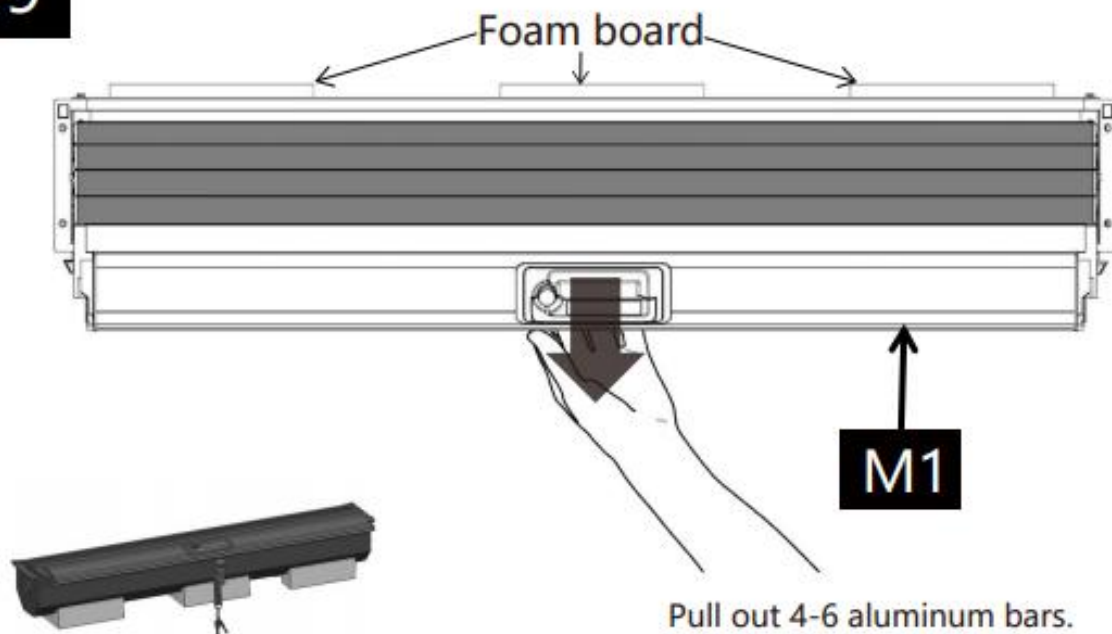
## Rear Dump Water Hole



Use a Φ20MM perforator (customer-provided) along with a flashlight drill to drill a hole in the car (as shown in the figure). After drilling the hole, the bristle cloak needs to be removed, then rubber hoops (E) are installed to prevent water leakage, the right side is the same.

## 2.2 Assembly

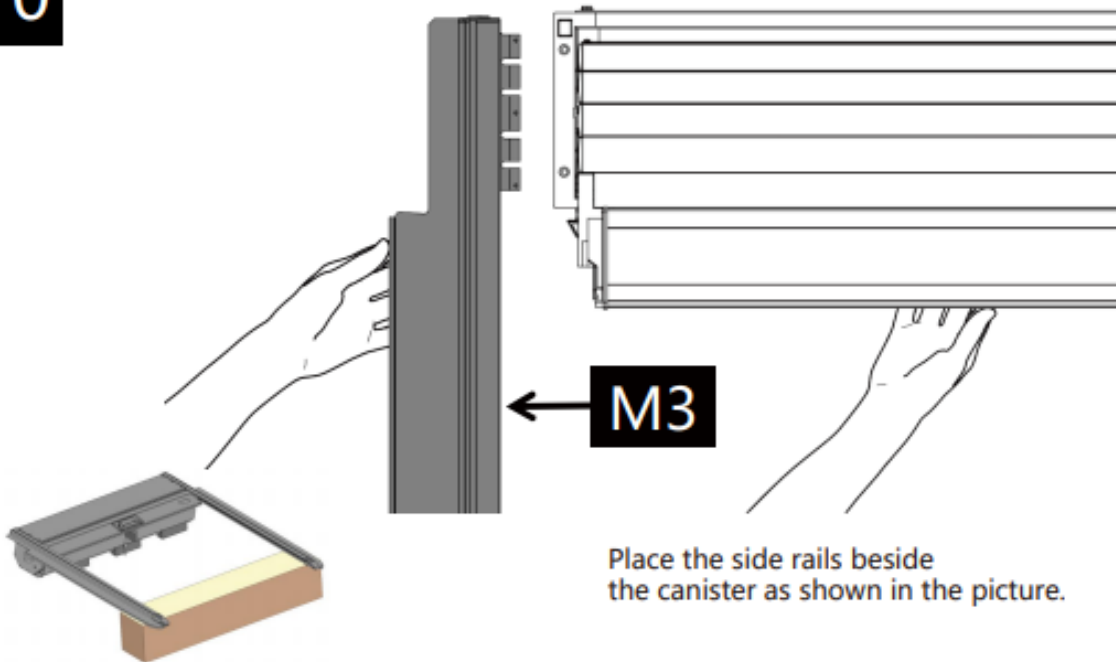
9



Pull out 4-6 aluminum bars.

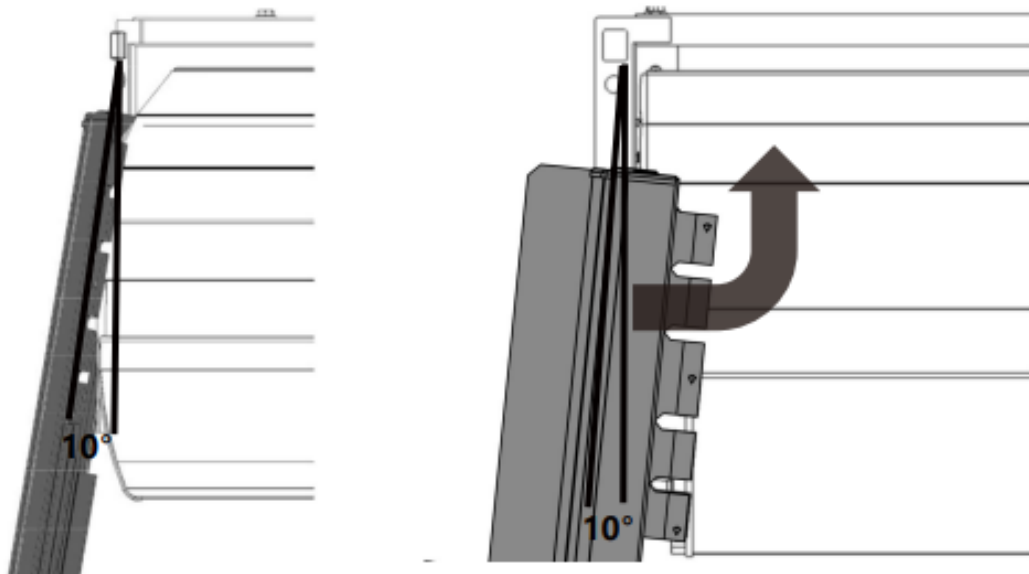
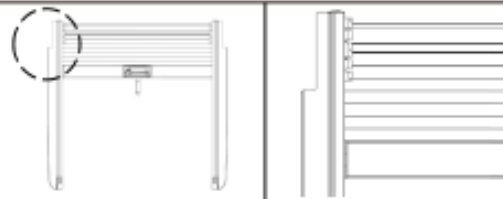
Tips: Put the canister on the foam block for assembly to avoid scratch.

10



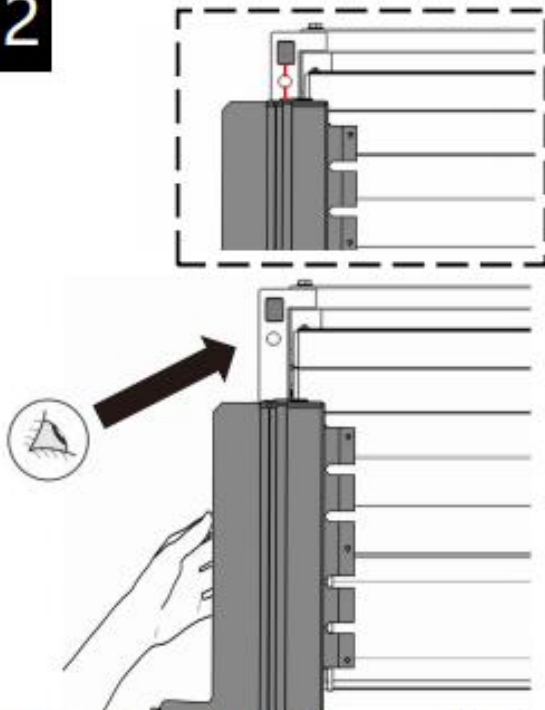
Tips: Place the side rails on carton box to avoid scratch.

11

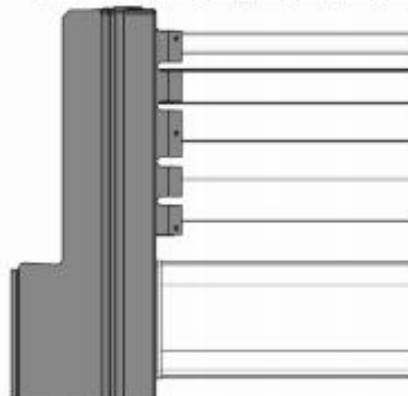
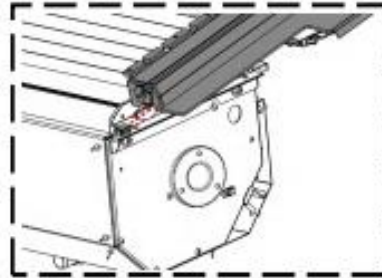


Tips: avoid using brute force operation, damage the product.

12

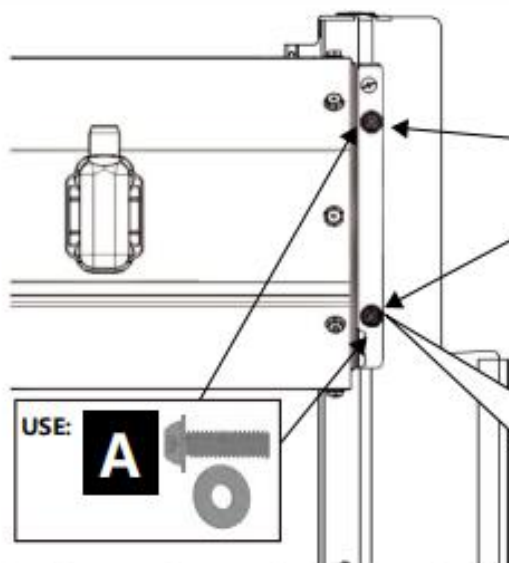
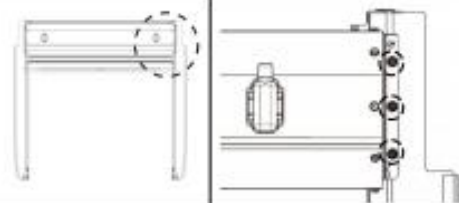


Tips: avoid using brute force operation, damage the product.



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

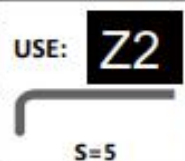
13



Sliding nut



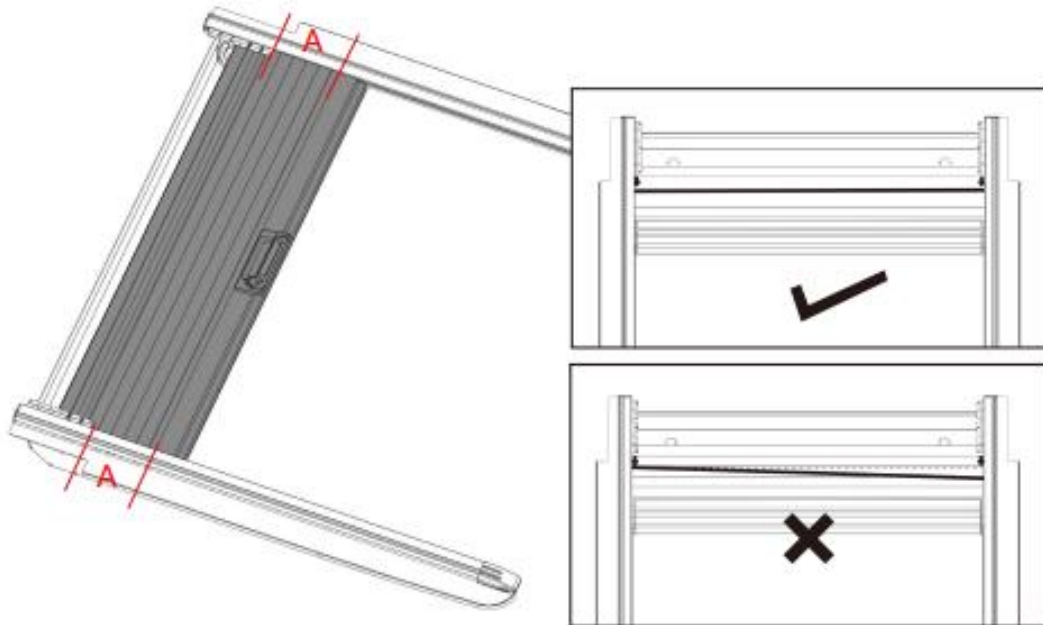
Note: After the first screw is halfway in, start installing the second screw. Fully tightening the first screw may make installing the second screw difficult.



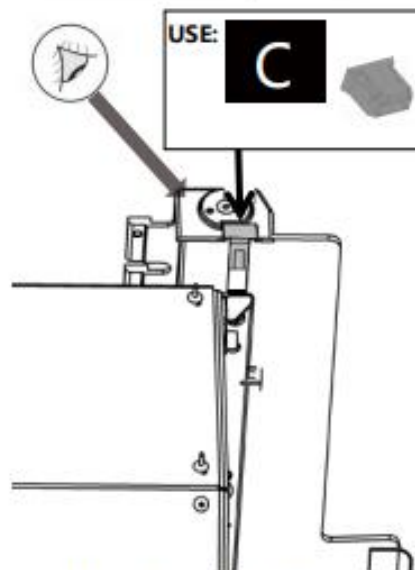
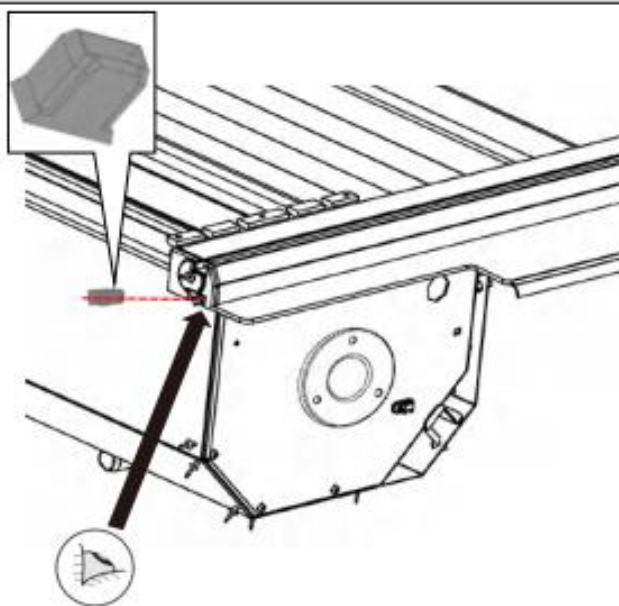
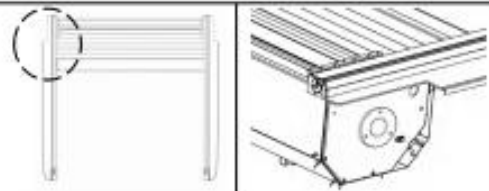
Use the (Z2) hex wrench to tighten the (A) bolt.

TIPS: This operation need to reverse the canister. If the bolts can not be fixed, please adjust the side rail and the canister hole alignment.

**14** Before completely fixing the side rails, it is important to ensure that the roller bars are on the same straight line (distance A=A)

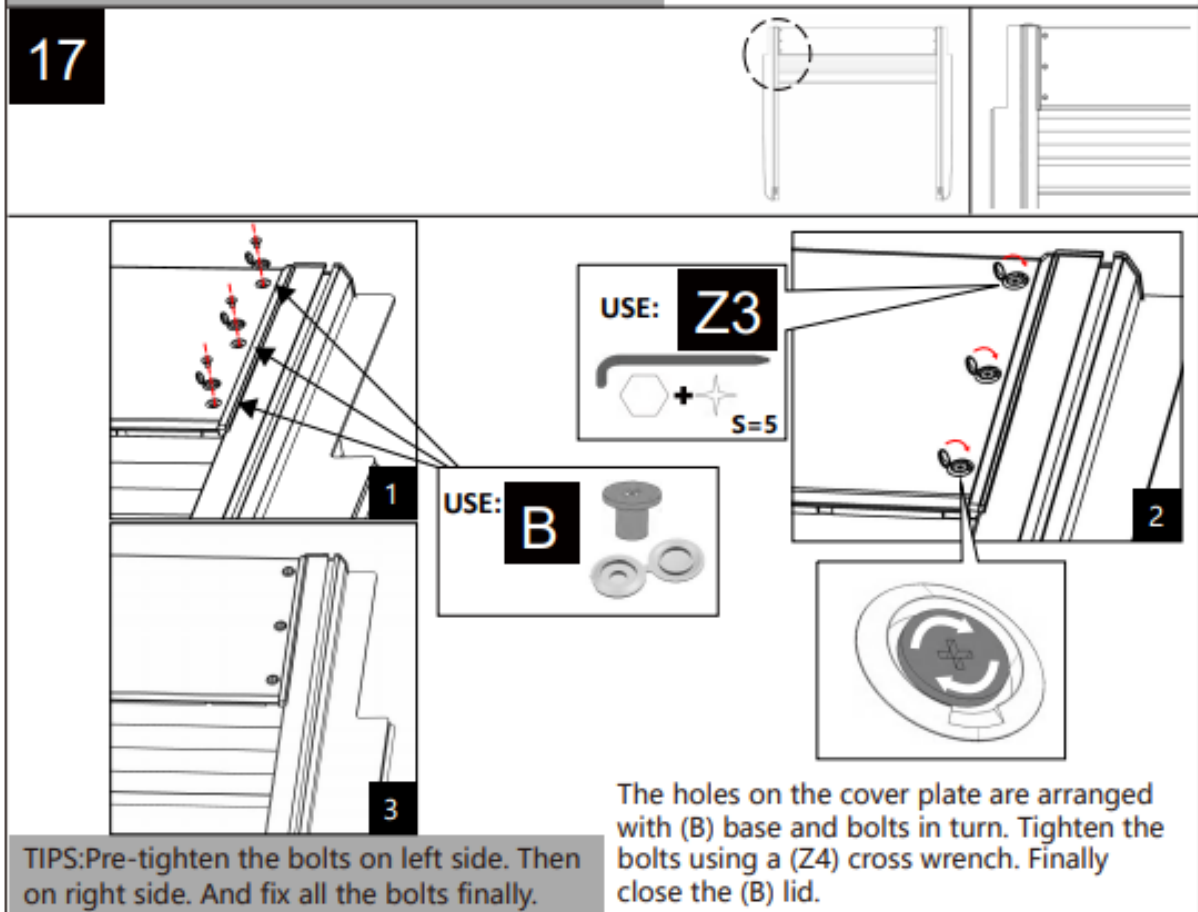
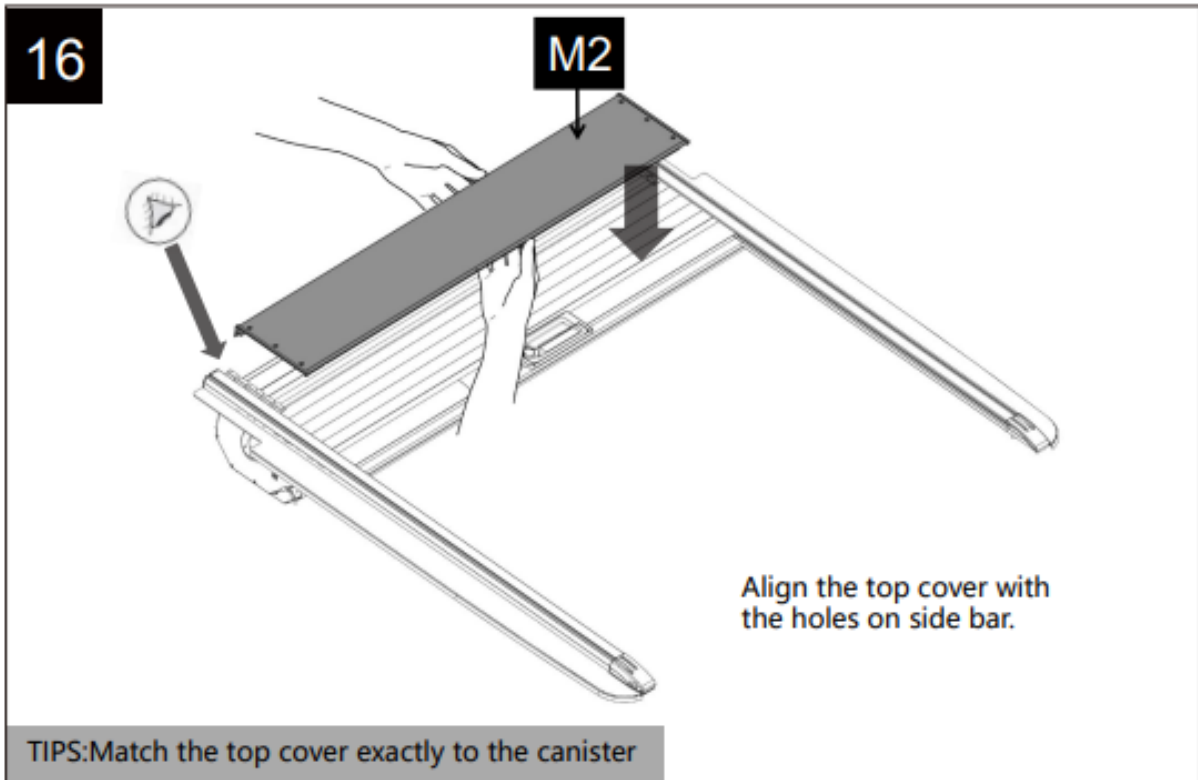


**15**

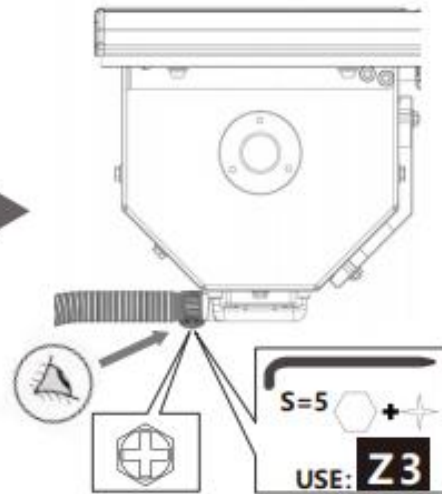
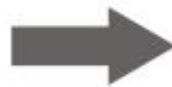
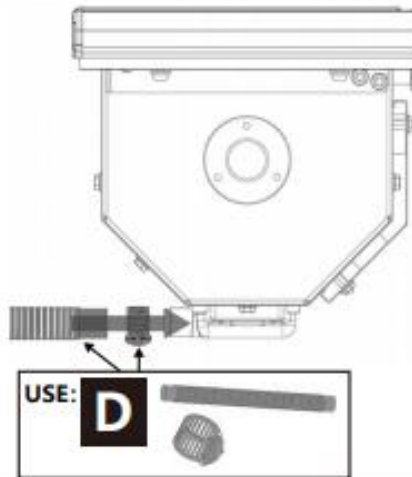
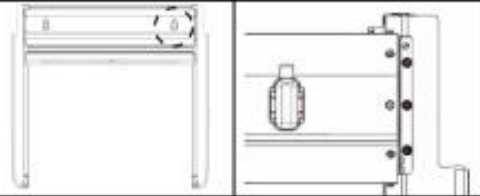


Place (C) stoppers in the front ends of the side rods as shown.

TIPS: (C) The narrower part of the plug should be facing down.



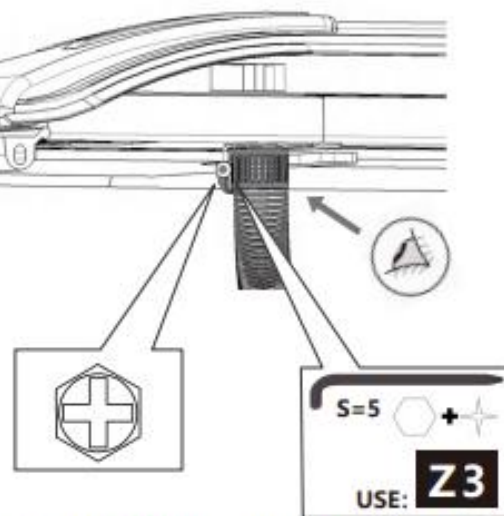
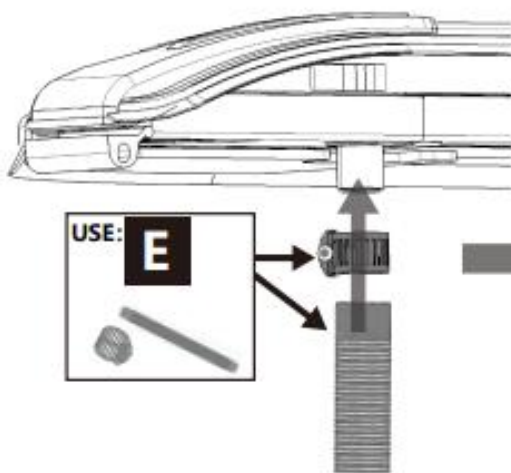
18



Tips: This operation need to reverse the canister, And install the drain tubes consistently

Use the (Z3) cross wrench to tighten the (D) bolt.

19



TIPS: Install the drain tubes consistently.

Use a (Z3) cross wrench to tighten the (E) water pipe clamp bolt.

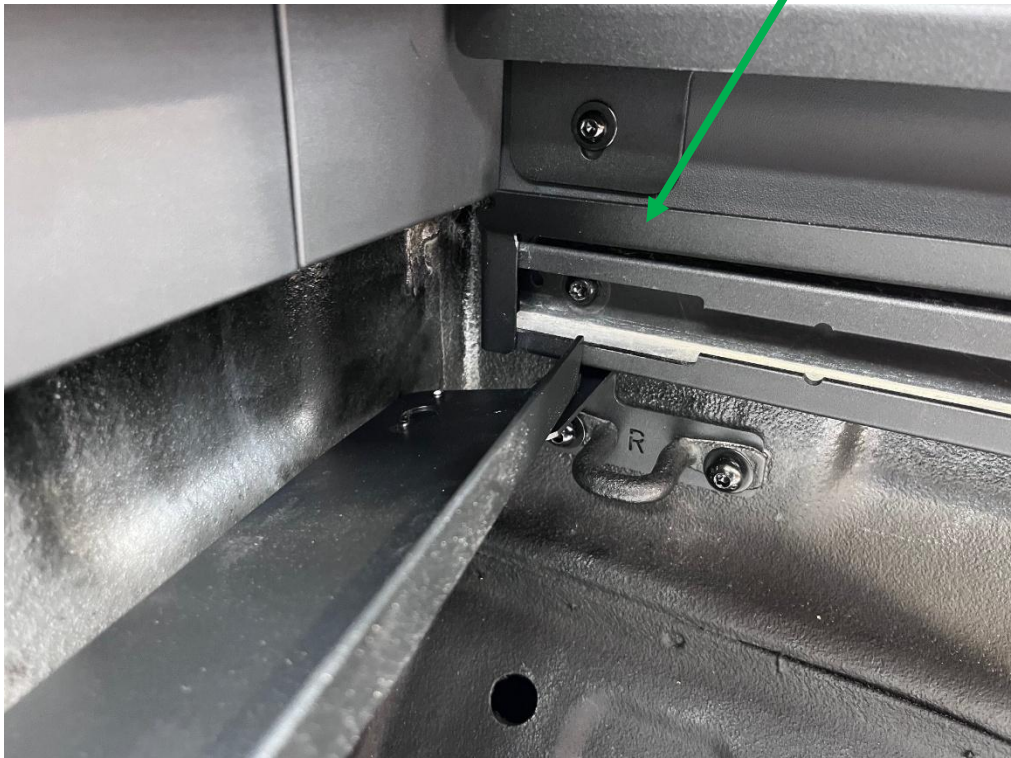
If your ute is equipped with a sliding tie-down rail system follow these steps:

1. Unbolt tie-down rail system
2. Remove front end caps from the tie-down rail system
3. Front gutter piece will need to be trimmed to allow the tie-down rail system to go back on



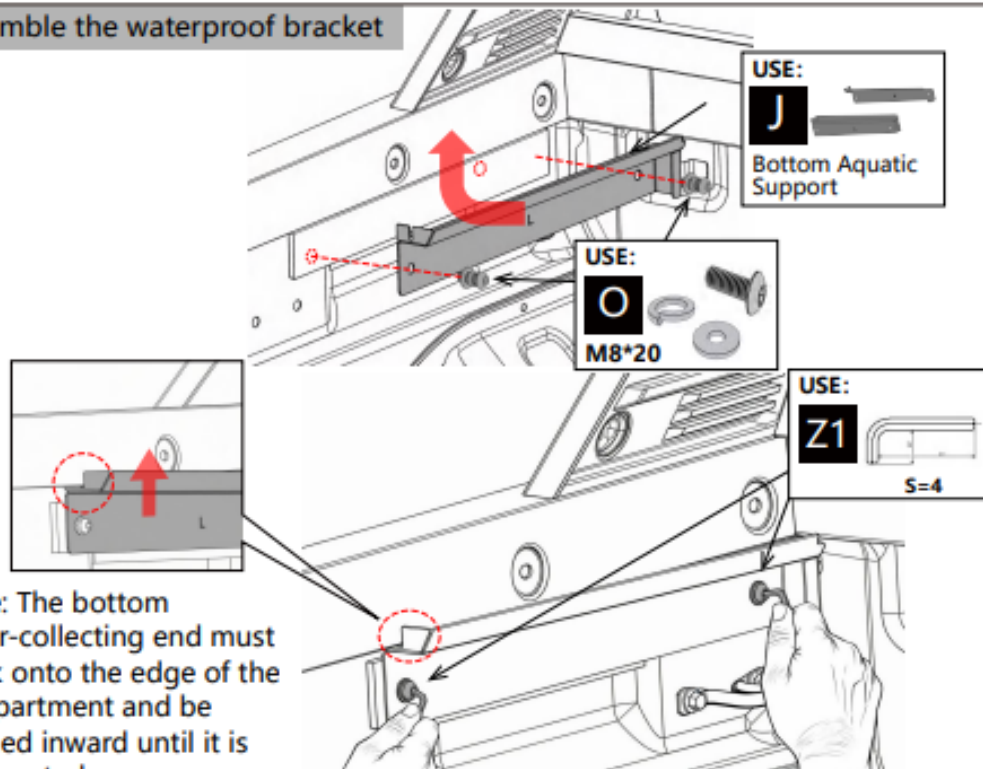
Trim gutter as per this image

Final install will look like the below



## 2.4 Assemble the waterproof bracket

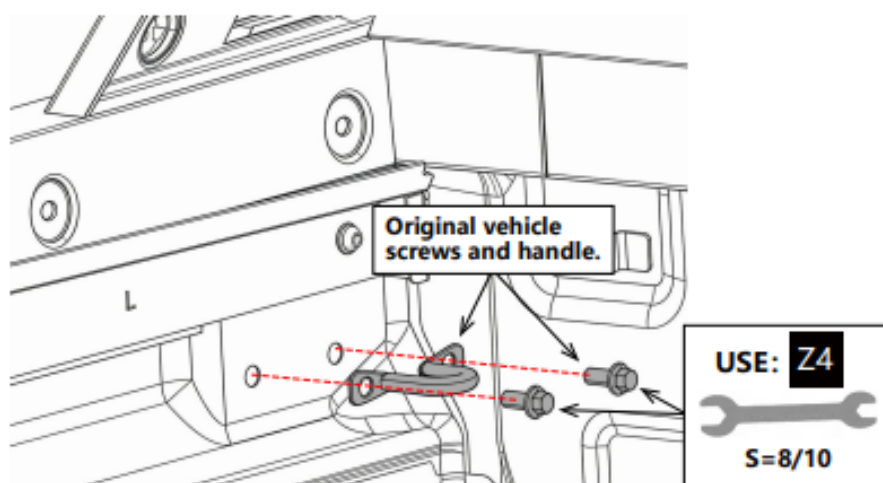
20



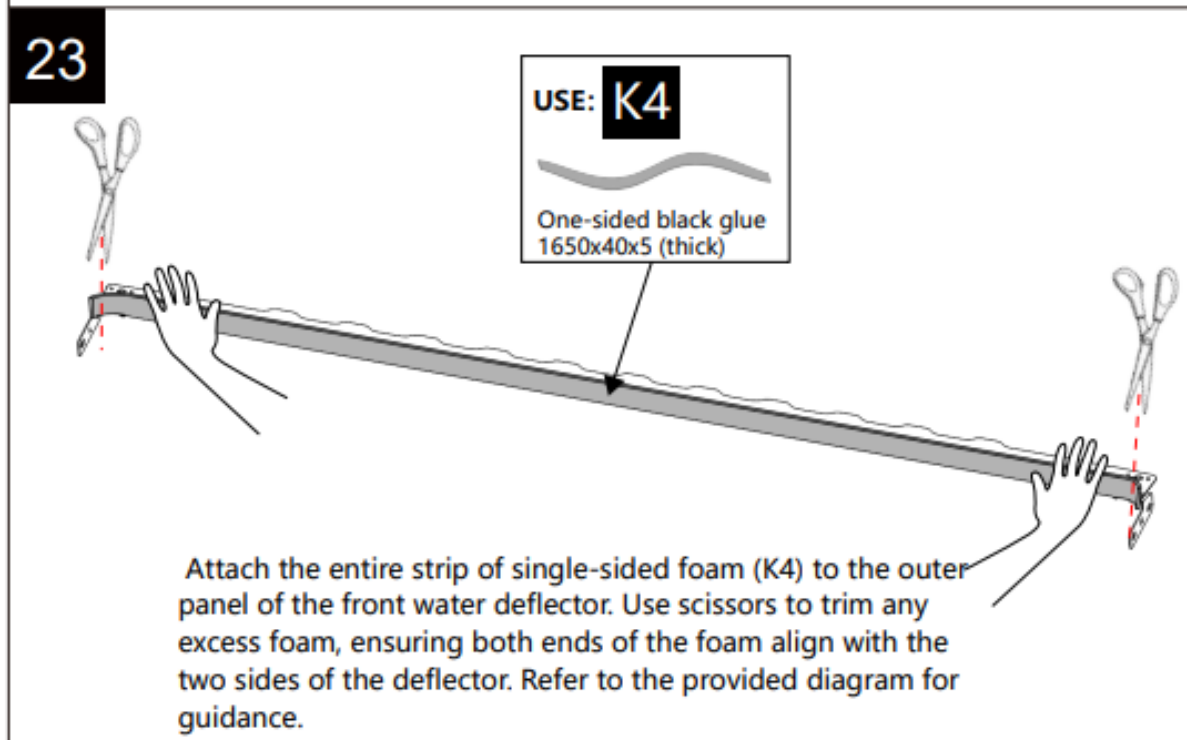
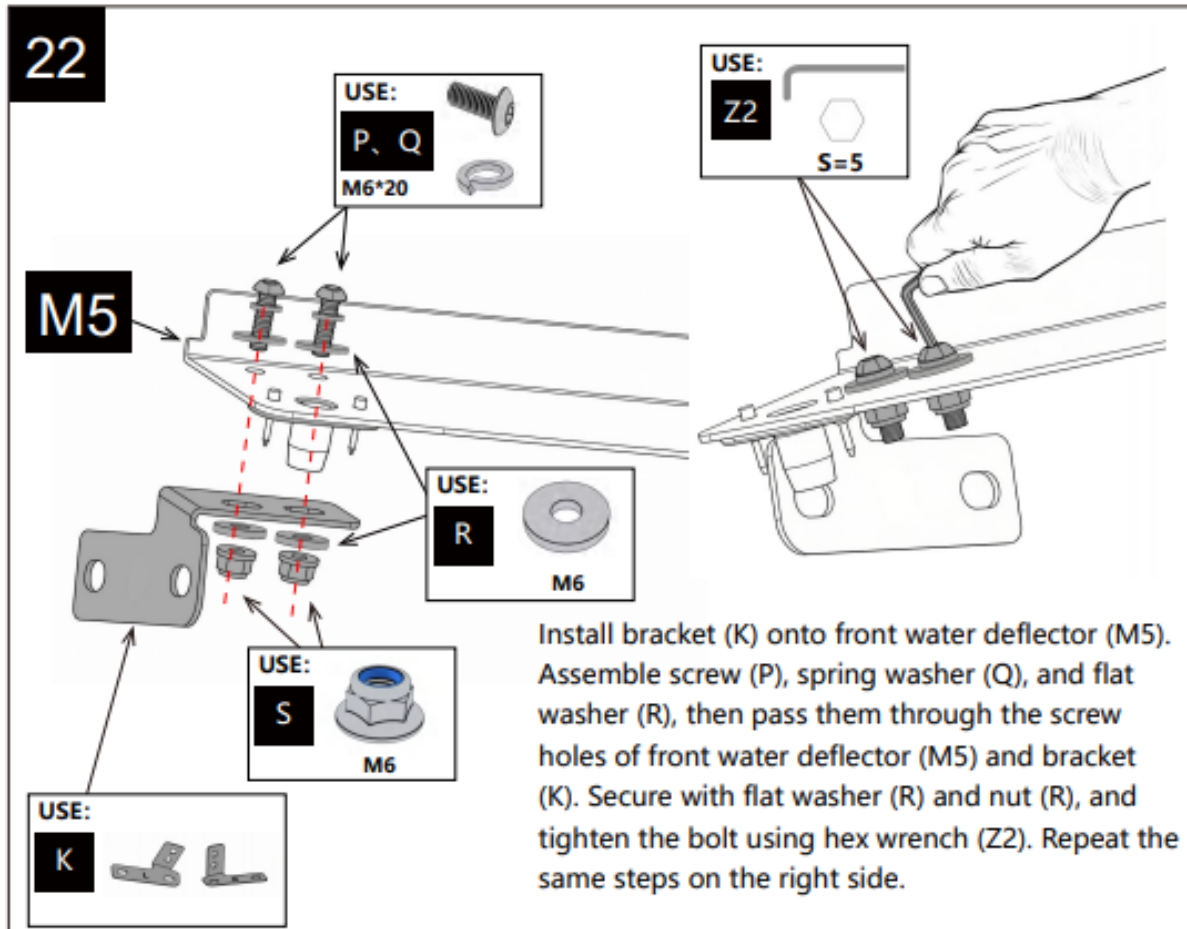
**TIPS:**1) The bottom water-collecting end must hook onto the edge of the compartment and be pushed inward until it is fully seated.  
2) The screw holes on the bracket need to align with the vehicle's screw holes through the foam pad to facilitate the installation of the original vehicle screws in the subsequent steps.

Install the (J) bottom water-collecting bracket. Use the (O) M8\*20 hex bolt assembly to install it into the screw holes. Then, tighten the bolts with the (Z1) S=4 hex wrench. Repeat the same operation on the right side.

21

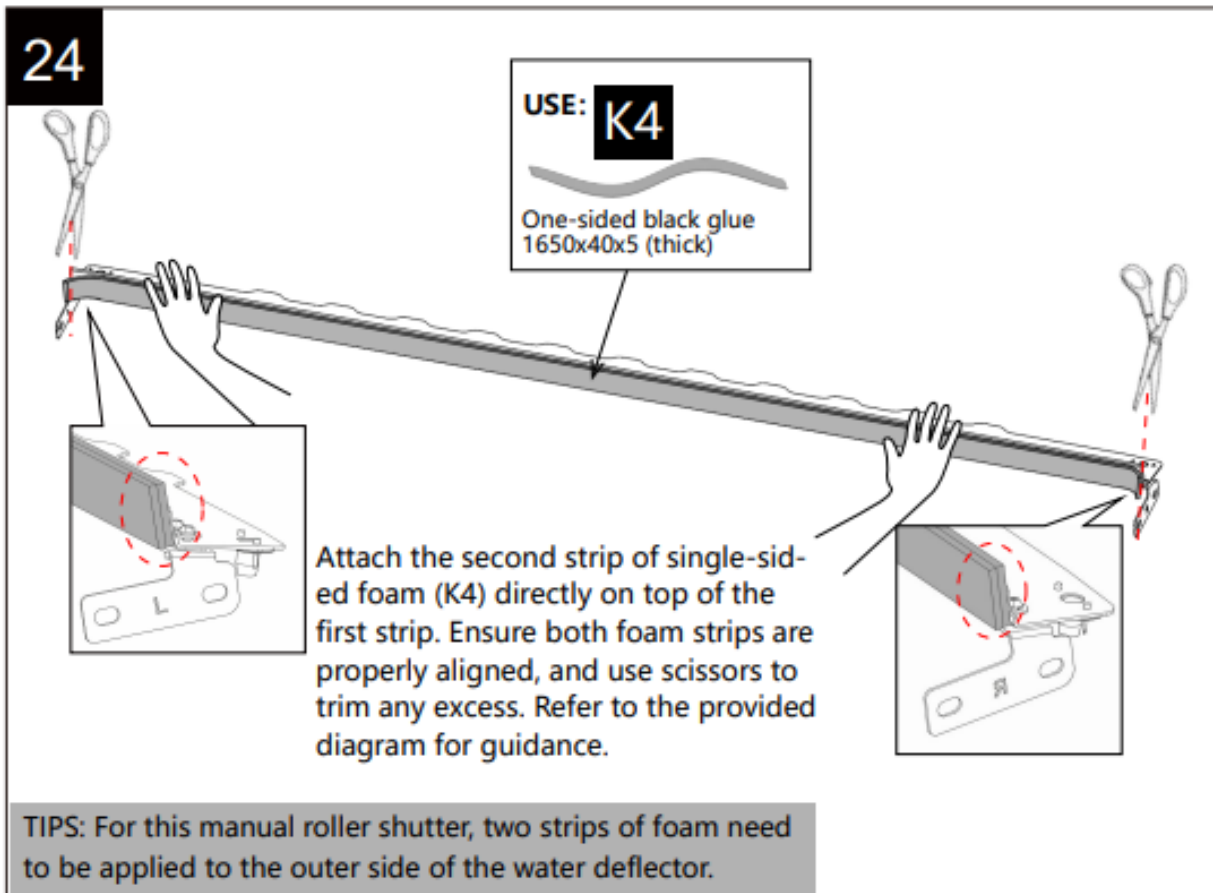


Use the (Z4) wrench to loosen the original vehicle screws and remove the original handle. Repeat the same on the right side.



**24**

**USE: K4**  
One-sided black glue  
1650x40x5 (thick)

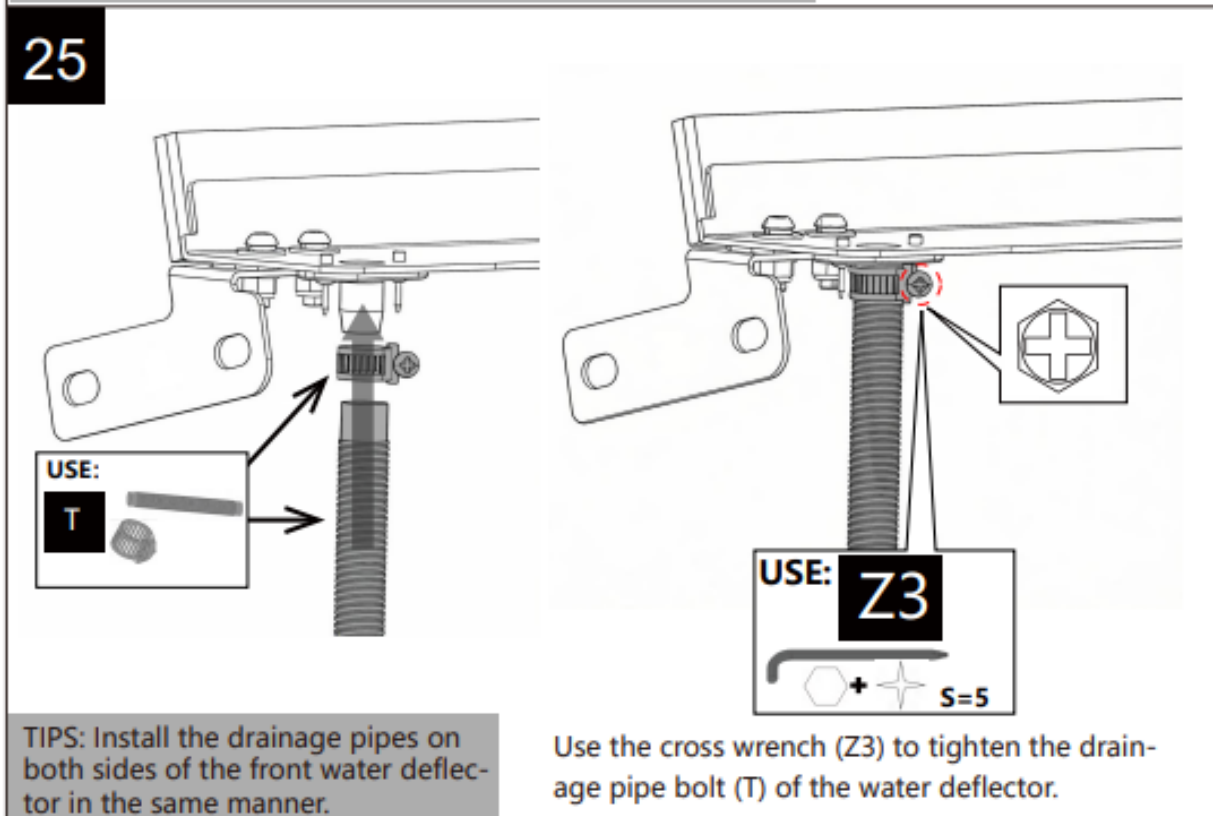


Attach the second strip of single-sided foam (K4) directly on top of the first strip. Ensure both foam strips are properly aligned, and use scissors to trim any excess. Refer to the provided diagram for guidance.

**TIPS:** For this manual roller shutter, two strips of foam need to be applied to the outer side of the water deflector.

**25**

**USE: T**

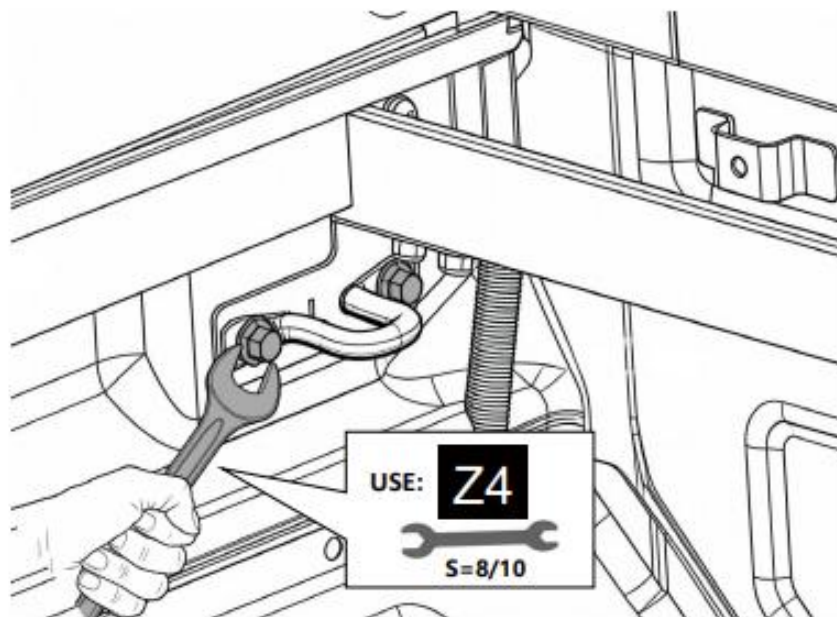
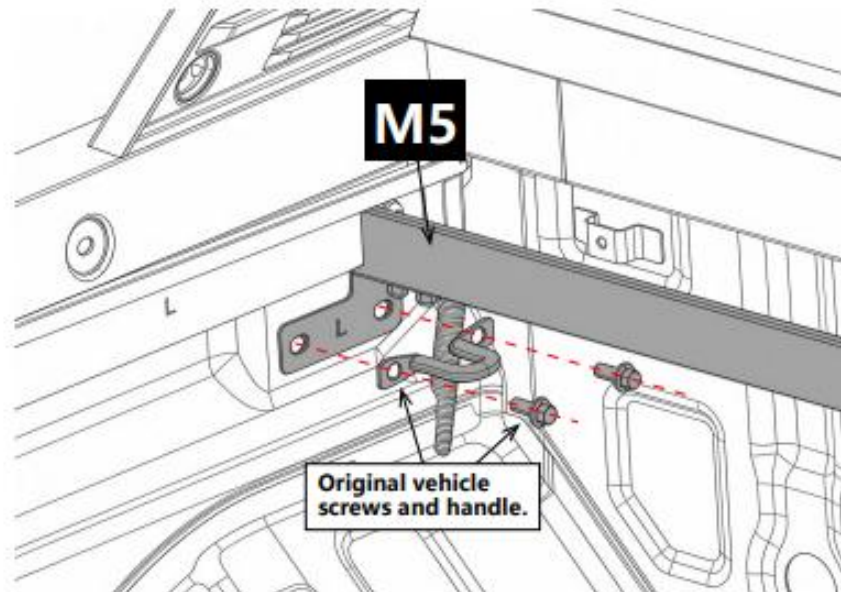


**USE: Z3**  
S=5

Use the cross wrench (Z3) to tighten the drainage pipe bolt (T) of the water deflector.

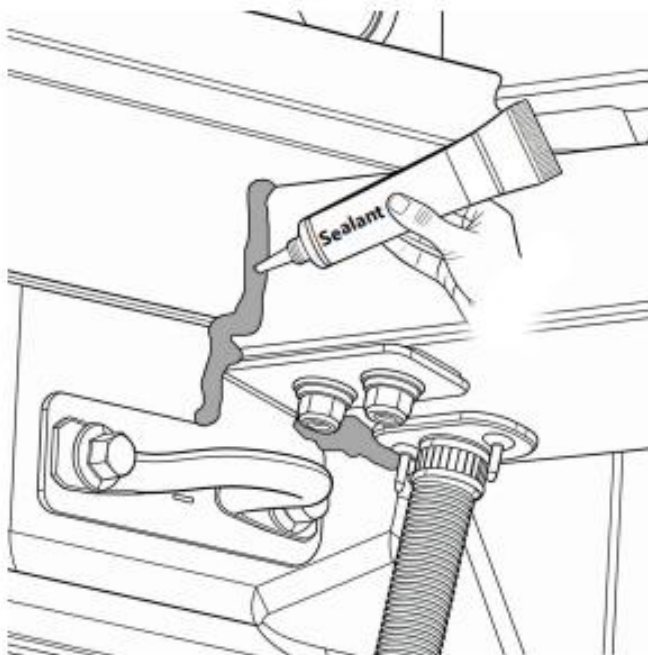
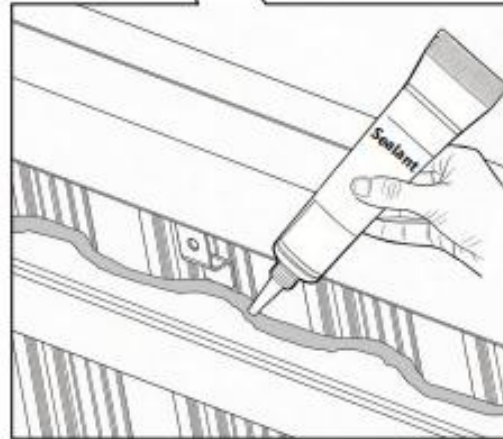
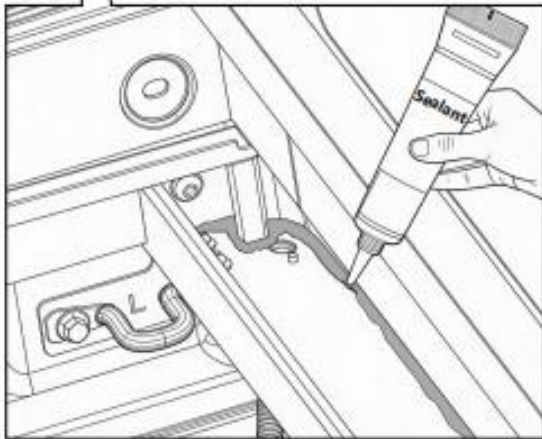
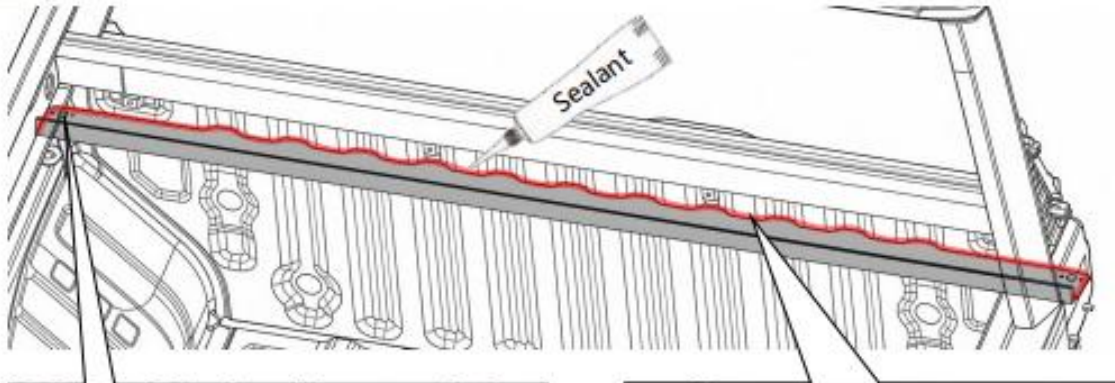
**TIPS:** Install the drainage pipes on both sides of the front water deflector in the same manner.

26



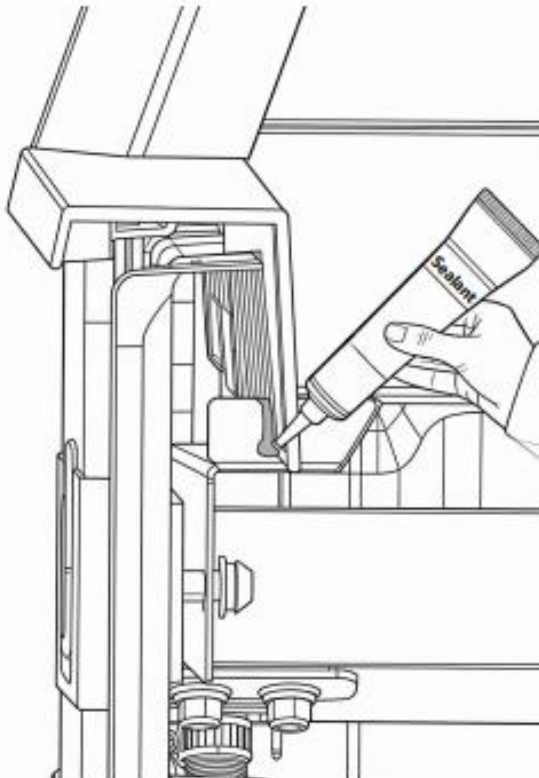
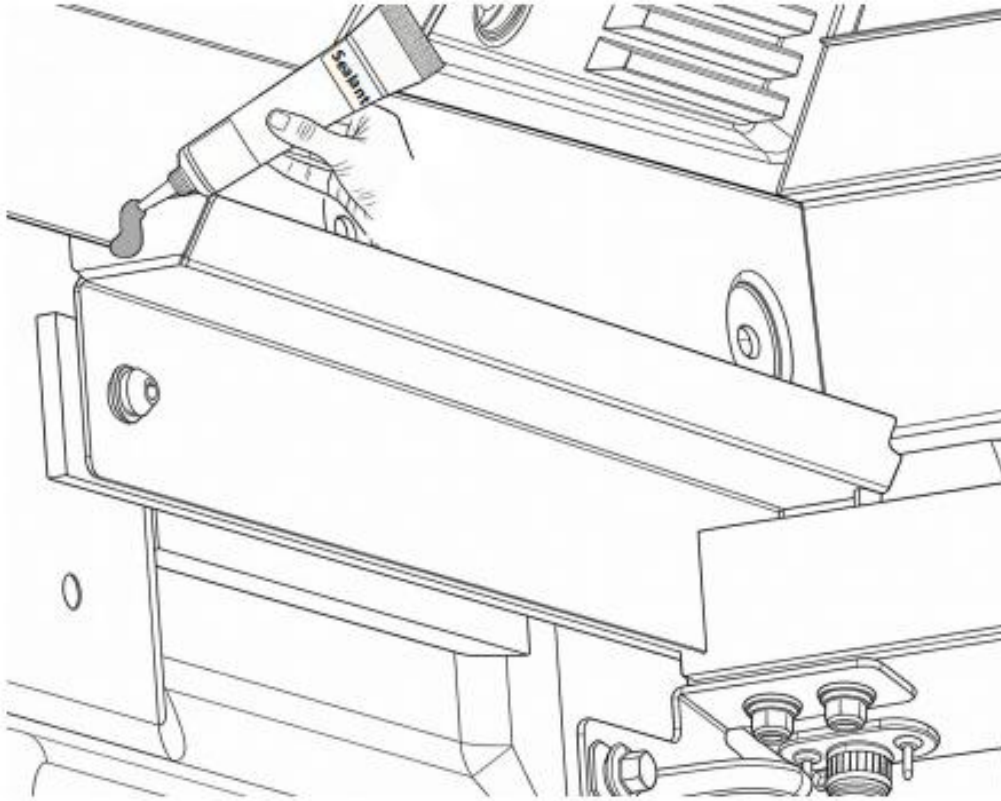
Install the (M5) front water deflector onto the compartment (as shown in the figure). Align the screw holes of the front water deflector bracket with the original handle screw holes on the compartment. Use the original vehicle screws to pass through the original handle screw holes and the front water deflector bracket screw holes, then secure them back onto the compartment. Tighten the bolts using the (Z4) wrench. Repeat the same steps on the right side.

27



Apply sealant evenly to all contact points between the front water deflector and the compartment (as shown in the figure) to prevent the risk of water leakage. Repeat the same operation on the right side.

28



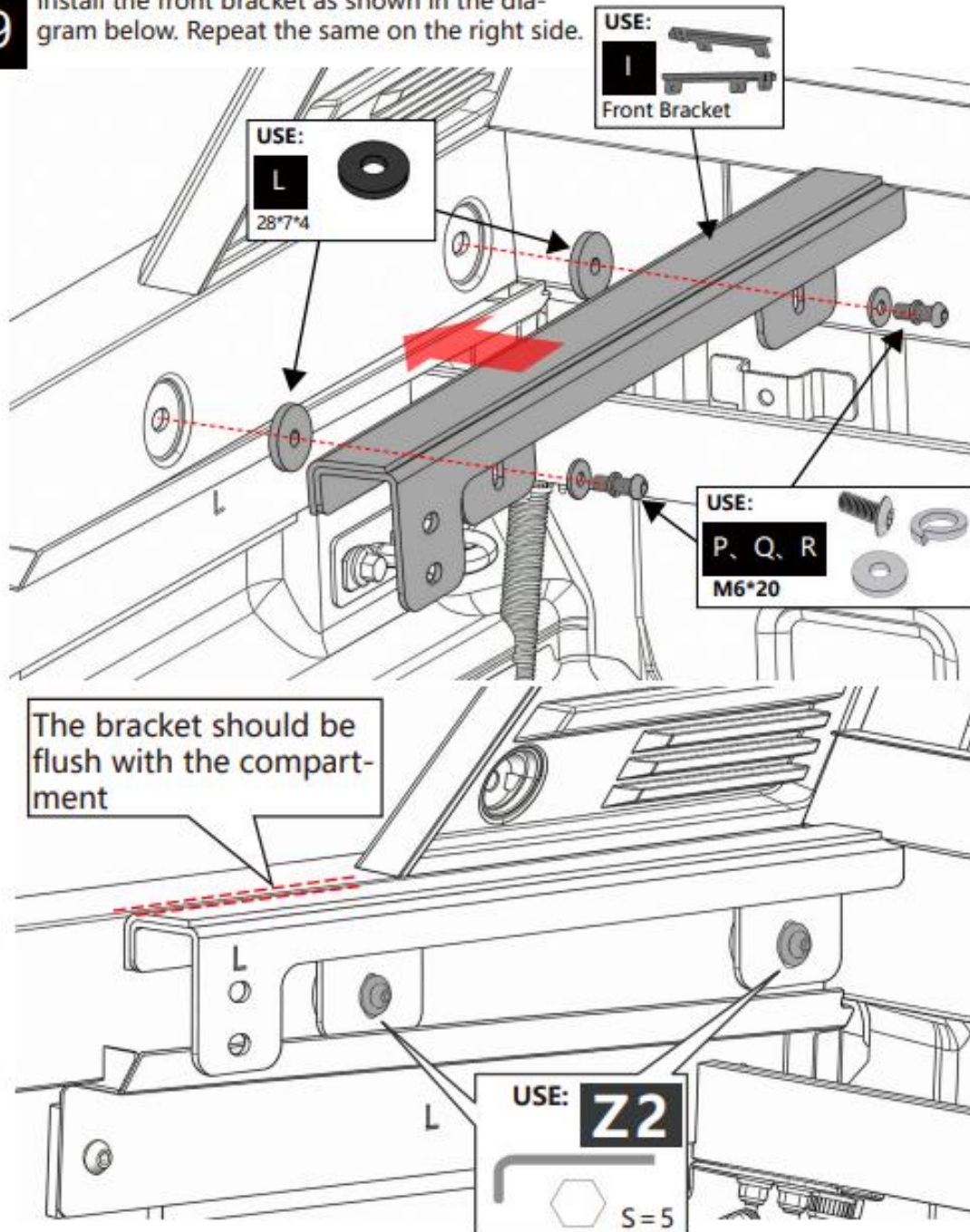
## TIPS

Apply sealant to the contact area between the water-collecting bracket and the edge of the compartment side (as shown in the figure) to prevent water leakage. (Note: Sealant should also be applied to the contact area between the interior of the compartment and the water-collecting bracket.) Repeat the same operation on the right side.

## 2.5 Assemble the bracket

29

Install the front bracket as shown in the diagram below. Repeat the same on the right side.



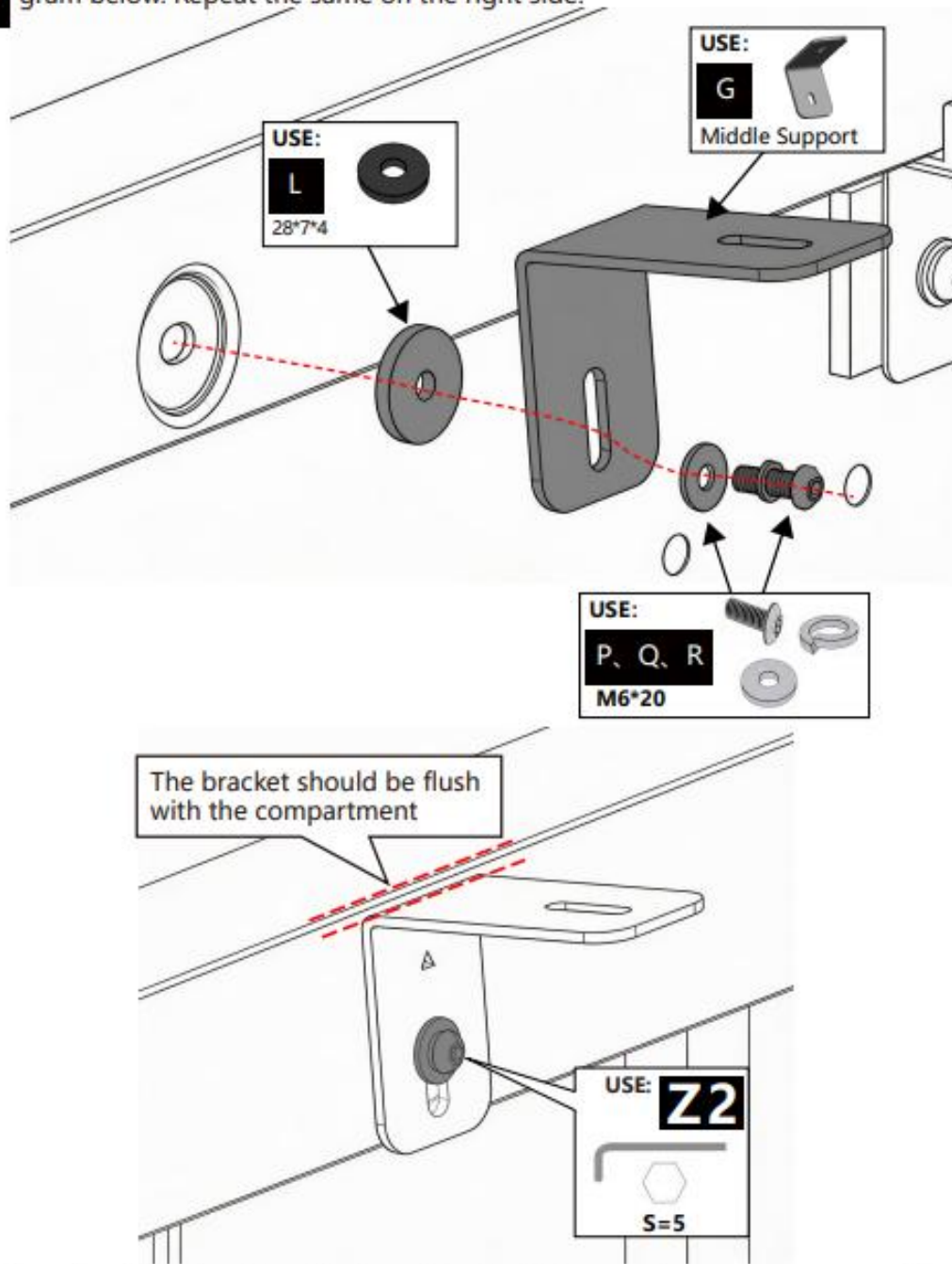
The bracket should be flush with the compartment

**TIPS:** The screws for the upper front bracket can be tightened directly with a wrench, as it will be difficult to tighten them again once the roller shutter is lifted onto the truck.

Align the front bracket with the two original vehicle screw holes on the inner side of the compartment. Use screw (P) together with flat washer (Q) and spring washer (R) to pass through bracket spacer (L) and front bracket (I), then install onto the compartment. Finally, secure and tighten using hex wrench (Z2). Repeat the same steps on the right side.

30

Install the middle bracket as shown in the diagram below. Repeat the same on the right side.

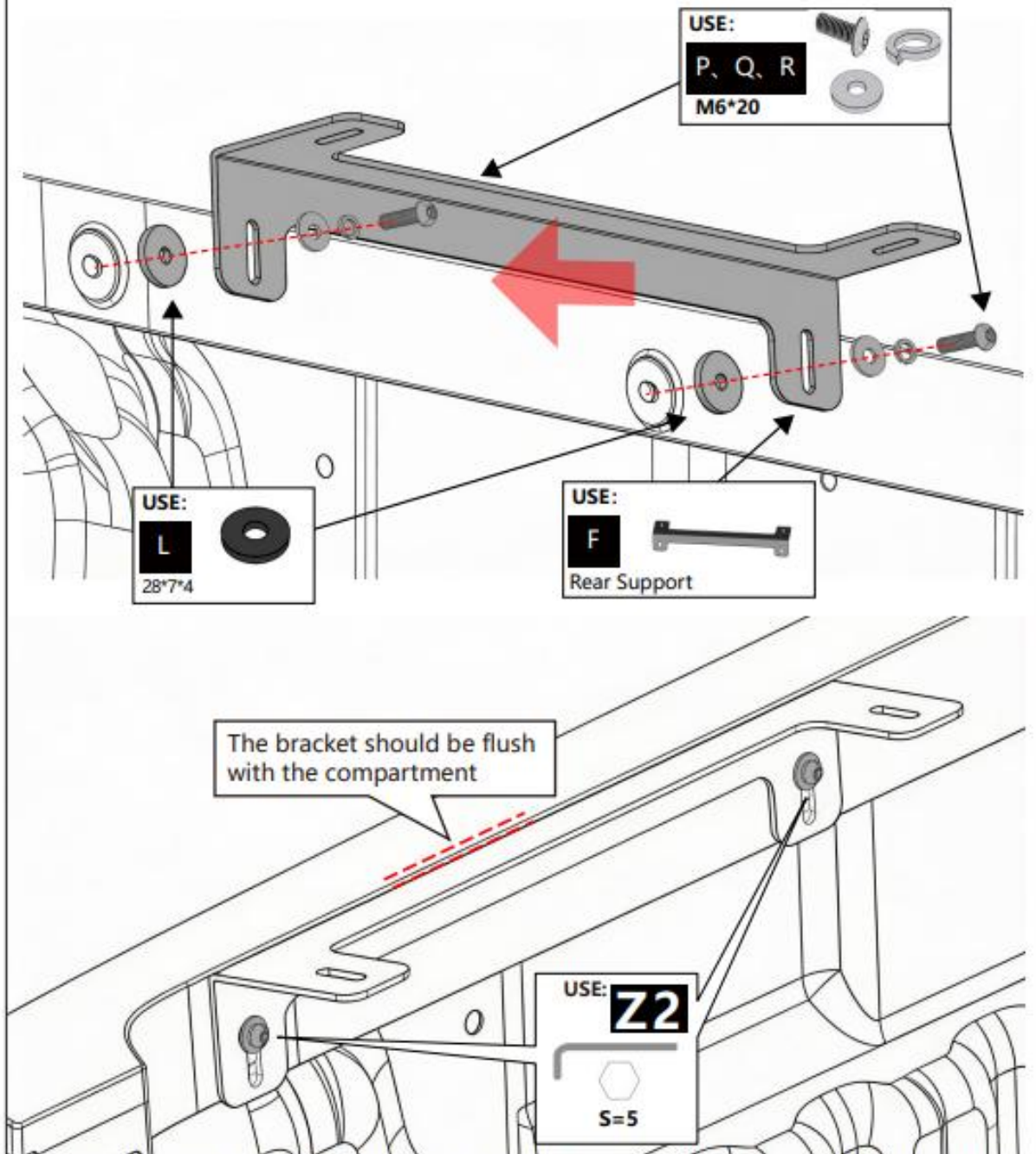


Align the middle bracket with the original vehicle screw holes. Use screw (P), flat washer (Q), and spring washer (R) to pass through bracket spacer (L) and middle bracket (G), then secure to the compartment. Tighten the screws using hex wrench (Z2). Repeat the same steps on the right side.

TIPS: Do not tighten the screws fully to allow for adjustments in the following steps.

31

Install the rear bracket as shown in the diagram below. Repeat the same on the right side.



Align the rear bracket with the original vehicle screw holes. Use screw (P), flat washer (Q), and spring washer (R) to pass through bracket spacer (L) and rear bracket (F), then secure to the compartment. Tighten the screws using hex wrench (Z2). Repeat the same steps on the right side.

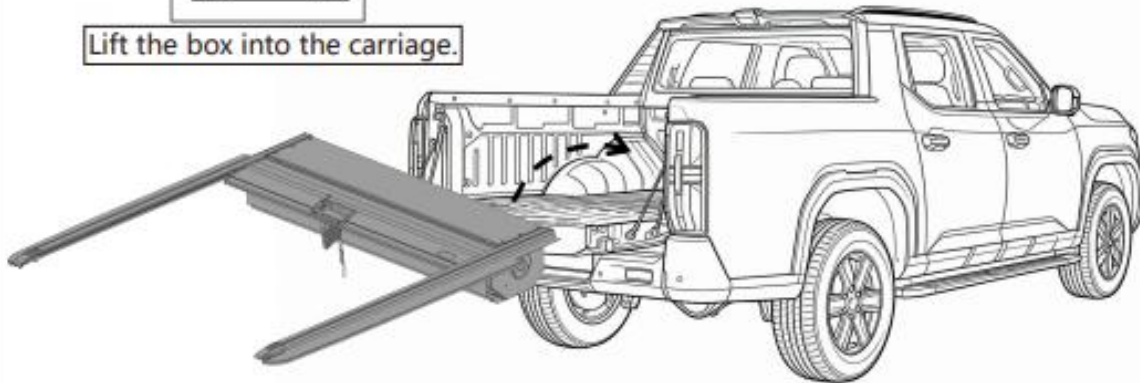
TIPS: Do not tighten the screws fully to allow for adjustments in the following steps.

## 2.6 Product loading

32

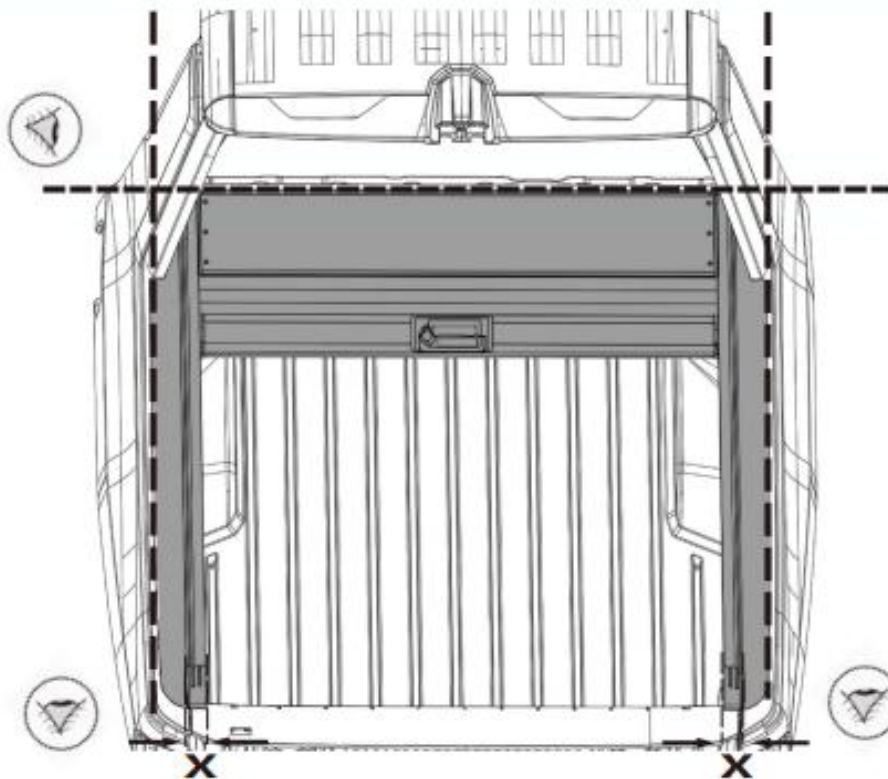


Lift the box into the carriage.



TIPS: For personal safety and to avoid damage to the appearance of the product, it is recommended that two people lift it onto the carriage to avoid scraping the carriage and the surface of the product during the process.

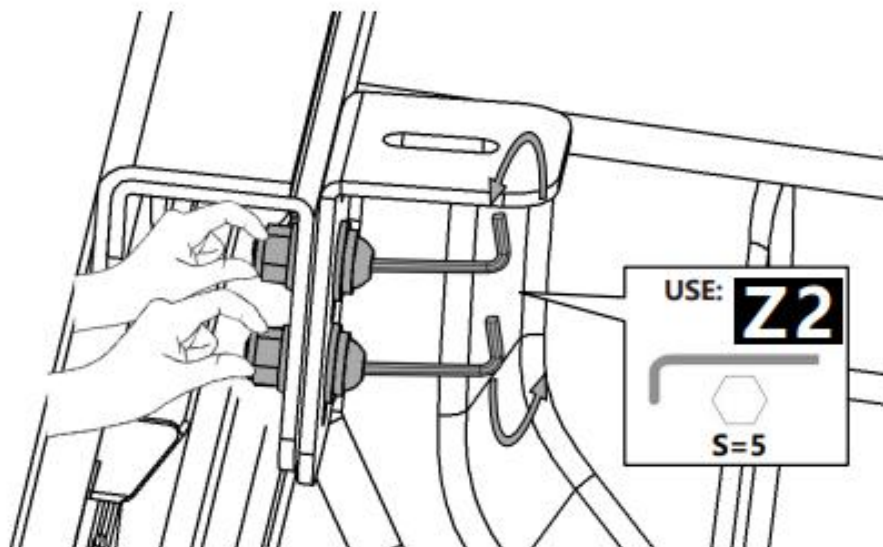
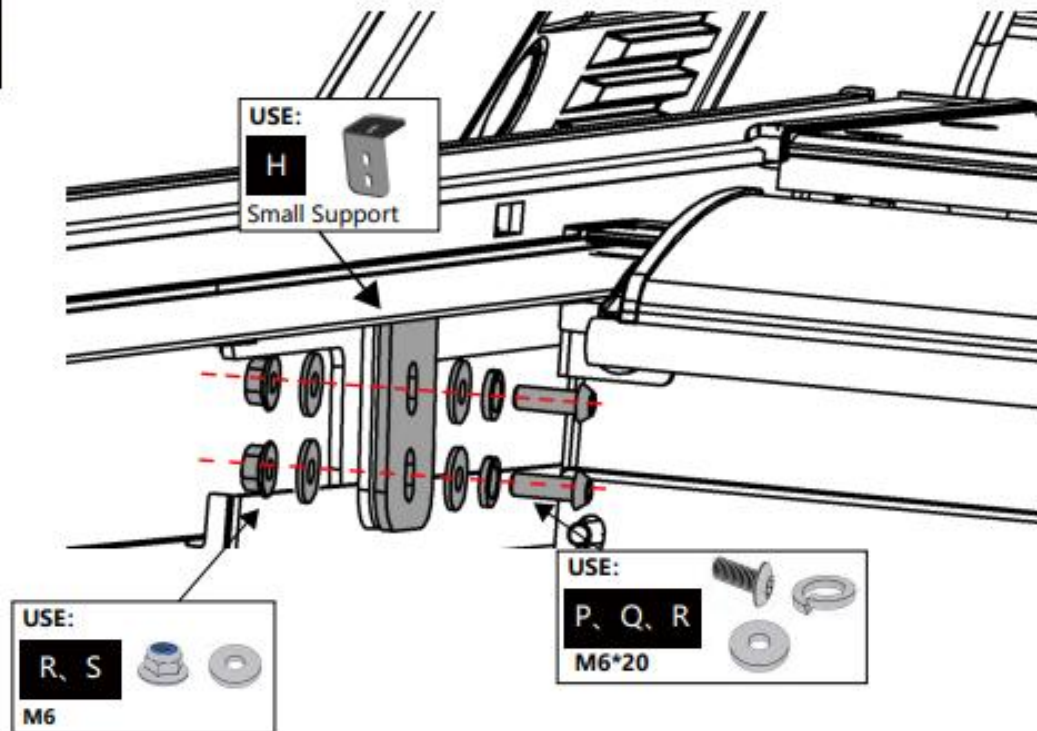
33



TIPS: If the rear end of the product is not fitted with the rear door 1CM-2CM, the roller curtain needs to be moved back.

Push the roller to the end, Keep the same distance on both sides.

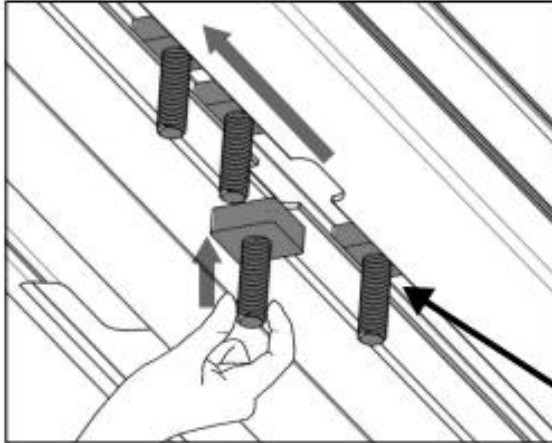
34



Install the small bracket on the front bracket, use (P) screws, (Q) pads, (R) spring pads to pass through (H) small bracket and front bracket, then (R) screws and (S) pads to attach, manually clamp the screws, screw the screws with (Z2) hex wrench, and secure the small bracket on the front bracket, the right side operating in the same manner.

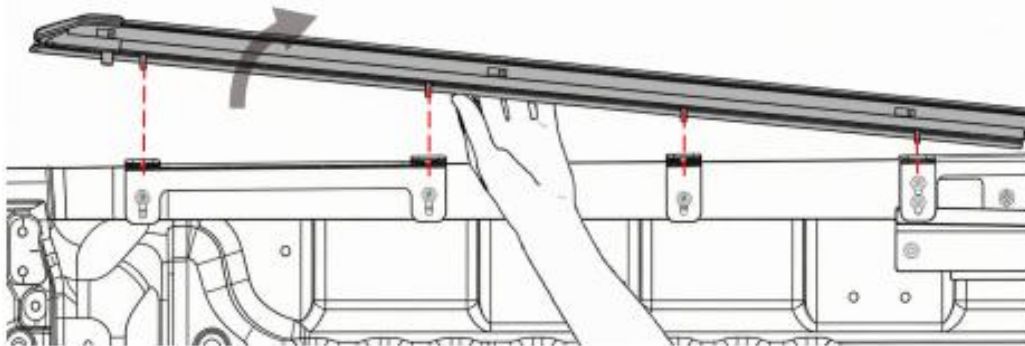
TIPS: Do not tighten the screws fully to allow for adjustments in the following steps.

35

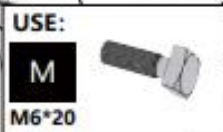
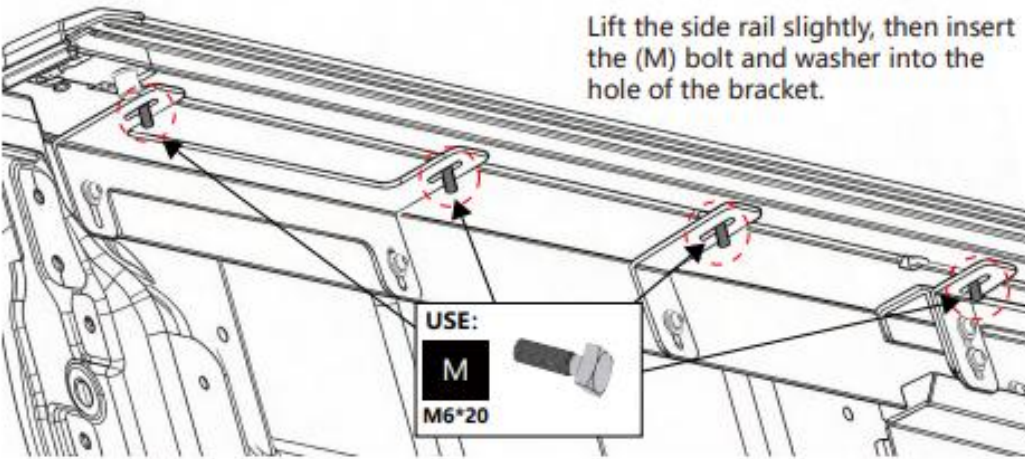


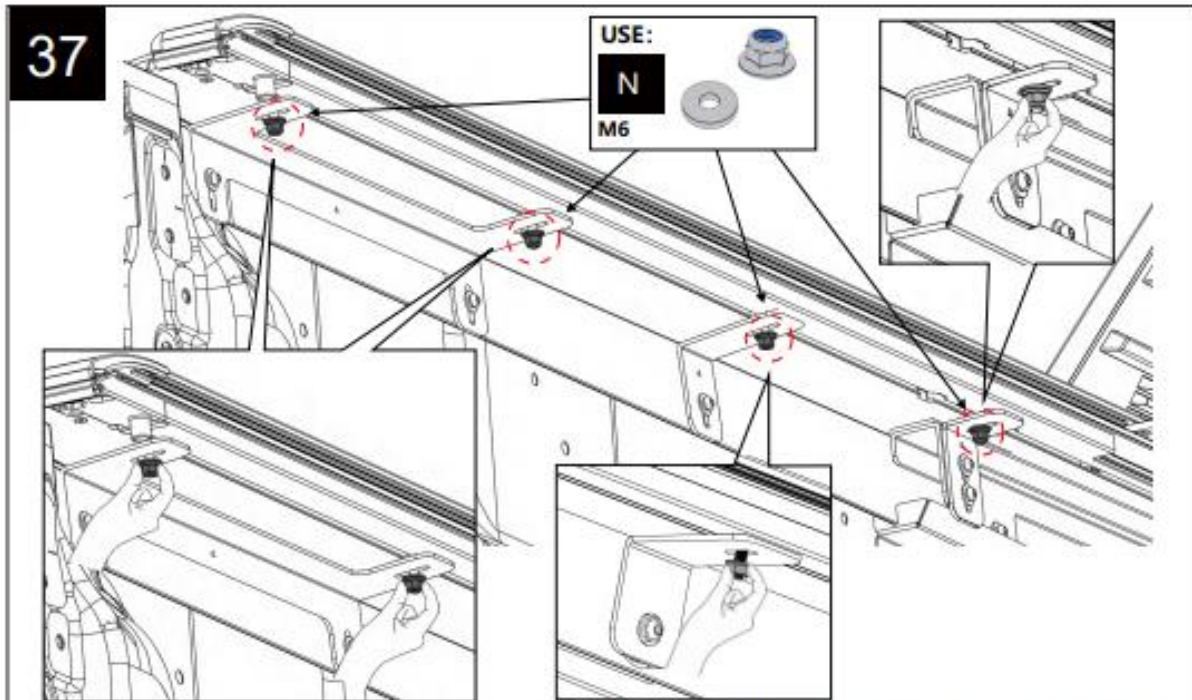
Place the (M) square screws into the sliding channel under the side rail. Use four pieces per side (half of the total quantity)

36



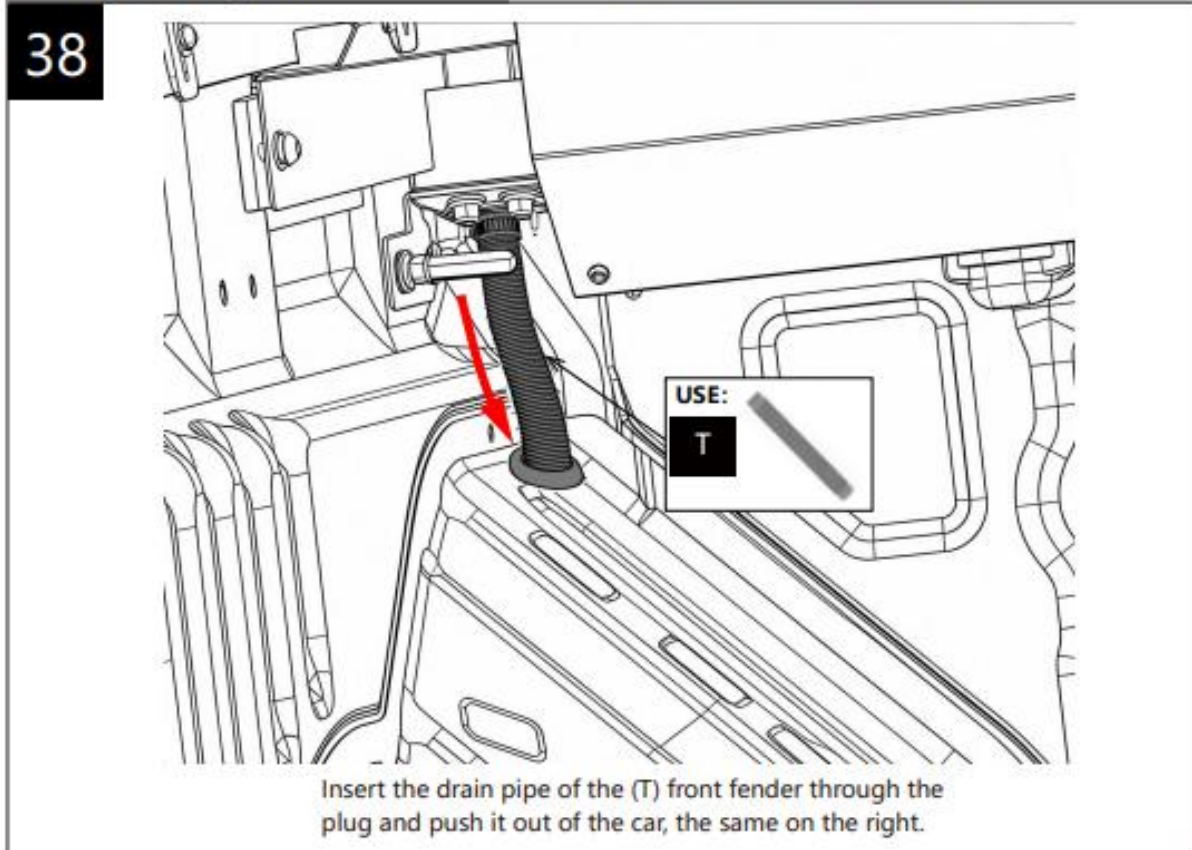
Lift the side rail slightly, then insert the (M) bolt and washer into the hole of the bracket.



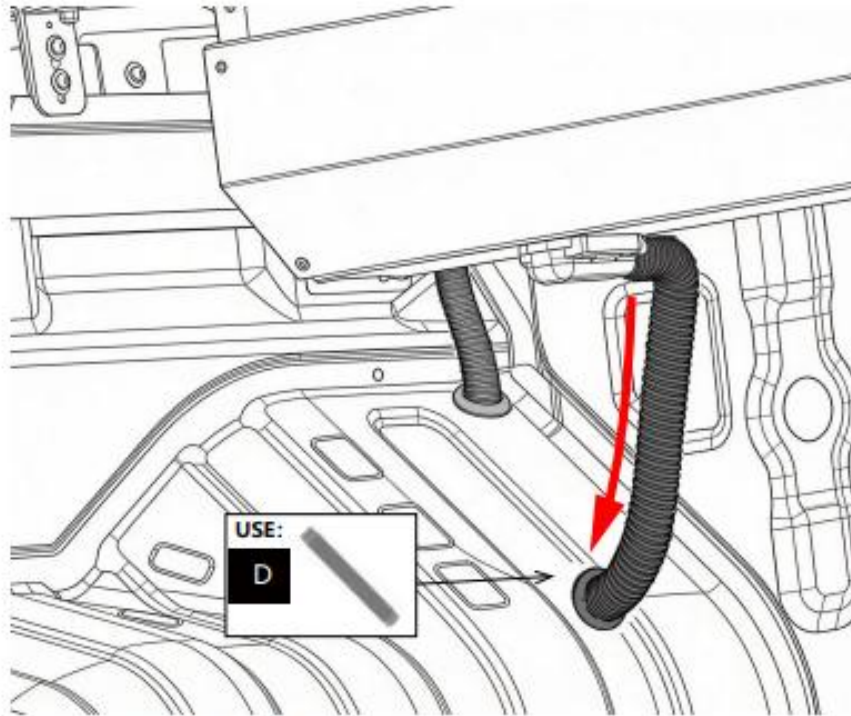


**TIPS:** It doesn't need to be completely locked, it can be slightly fixed, and the side bar can be adjusted.

The (M) screws and (N) screws and padlets can be assembled by pre-tightening by hand, without having to screw them into a secure state.

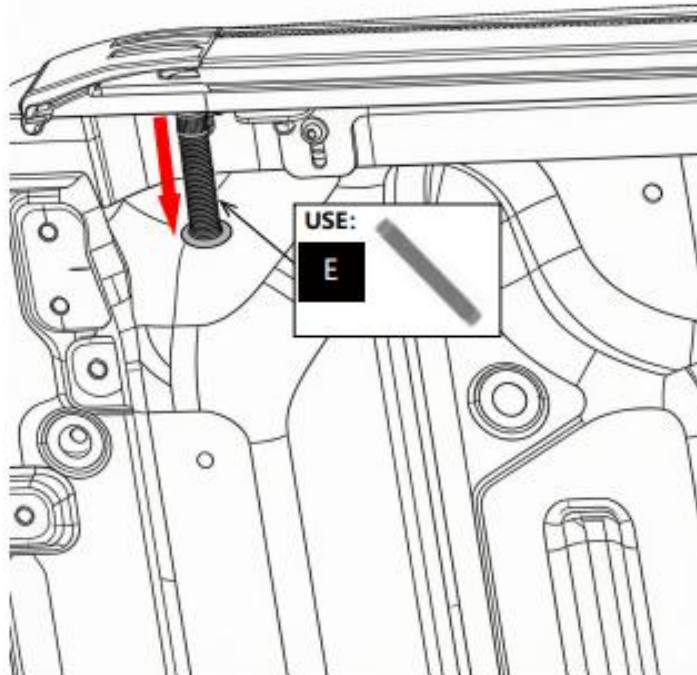


39



Stuff the (D) box drain pipe out of the car through the rubber plug, same on the right.

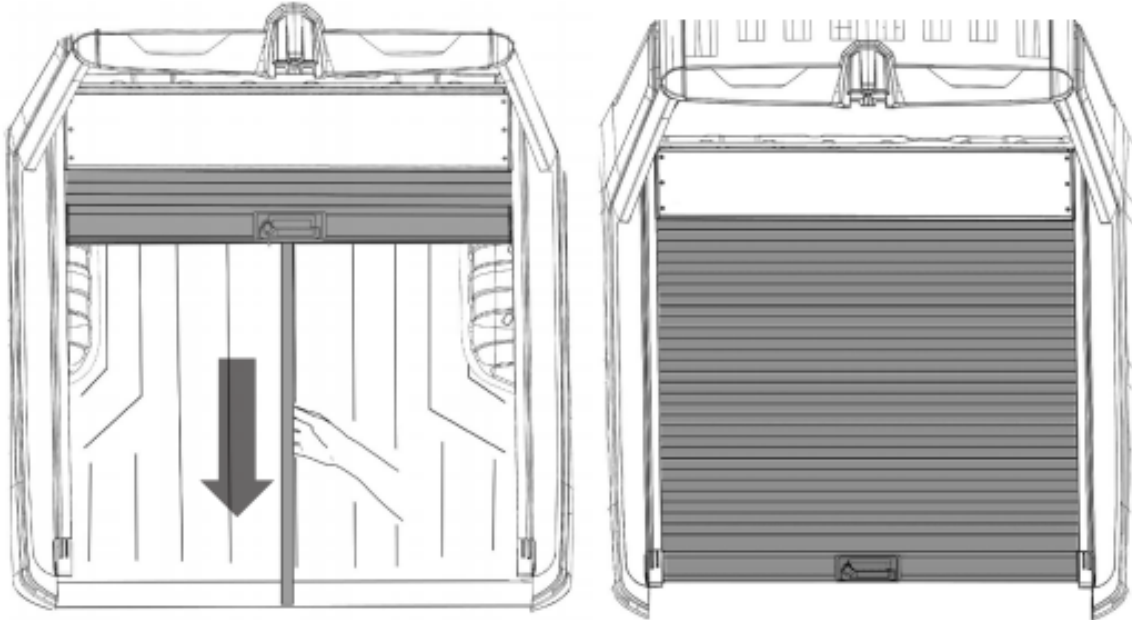
40



Push the left and right (E) side bar front drain pipe out of the car through the seal.

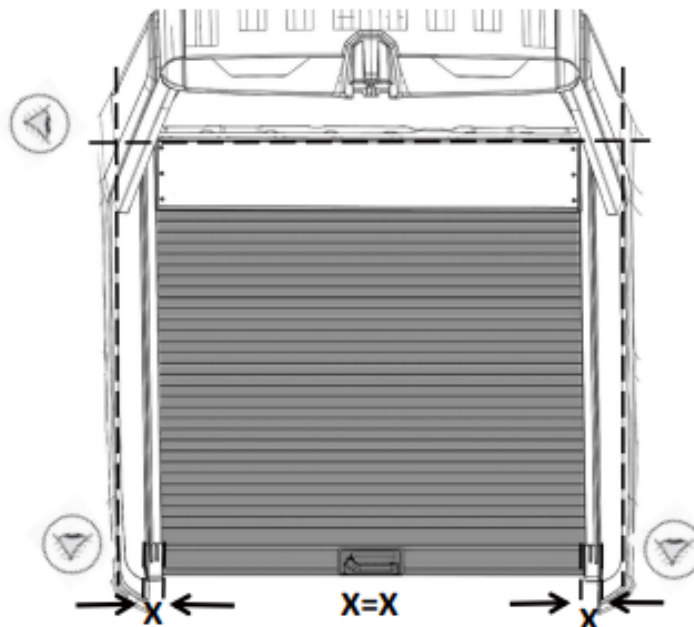
## 2.7 adjustment/inspection

41



Pull the pull rope at the end of the product door to close the product shutter.

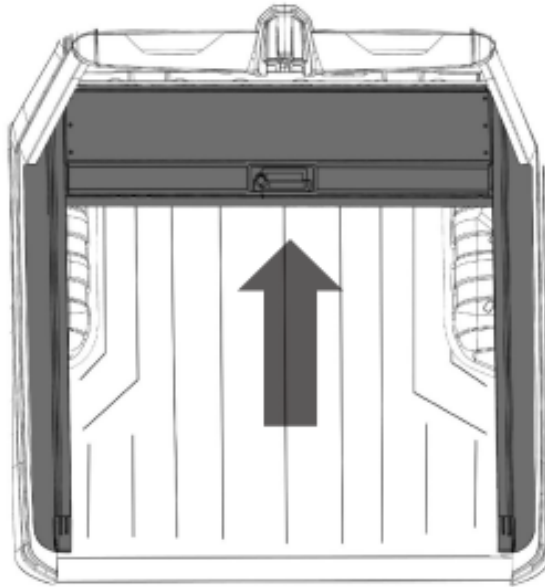
42



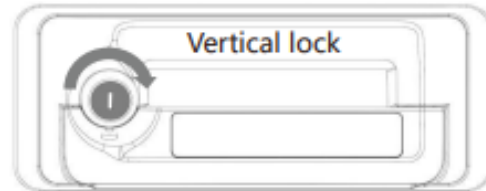
TIPS: If the back end of the product is not on the tail door 1CM-2CM, you need to move the shutter less backward.

Push the rolling shutter against the carriage until the distance between the two side bars and the carriage is the same.

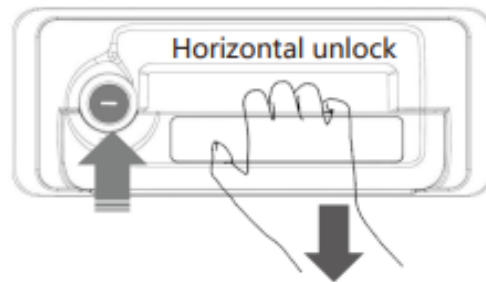
43



**Unlock Method 1:**



Vertical lock



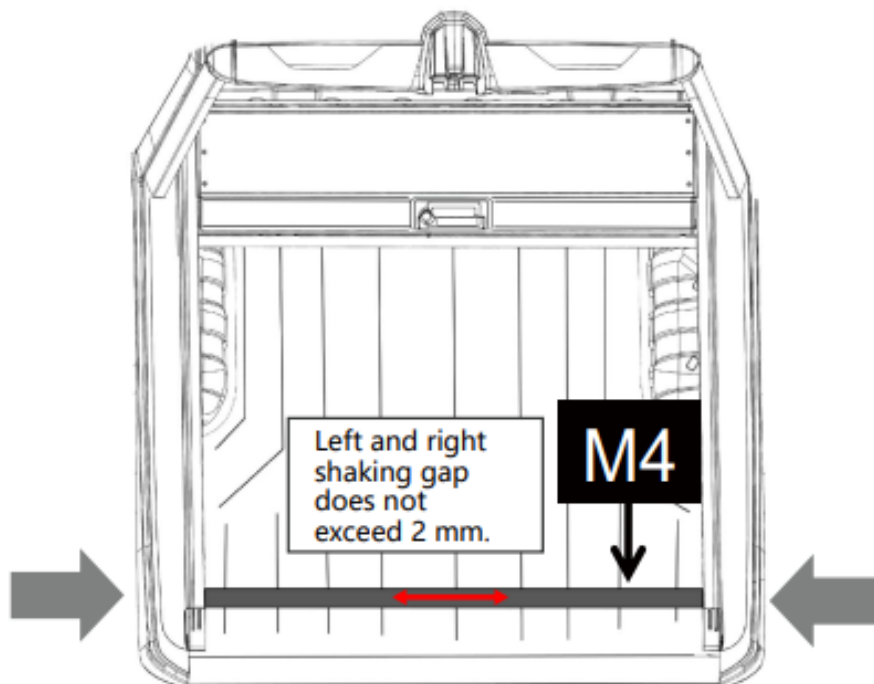
Horizontal unlock

Unlock: horizontal lock-pull the handle back and press to unlock.

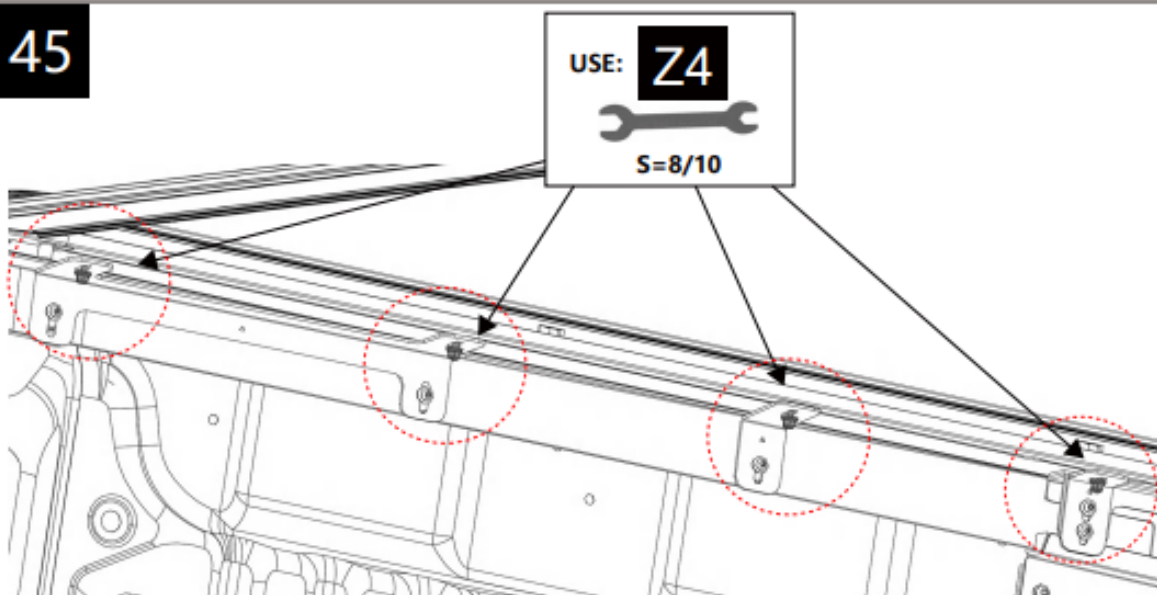
**Option 1: Accessories M4**

44

Method 1: adjust the left and right side rod tail opening distance, as shown below, the two ends of the adjusting rod into the side rod chute, the left and right shaking gap is not more than 2 mm.



45



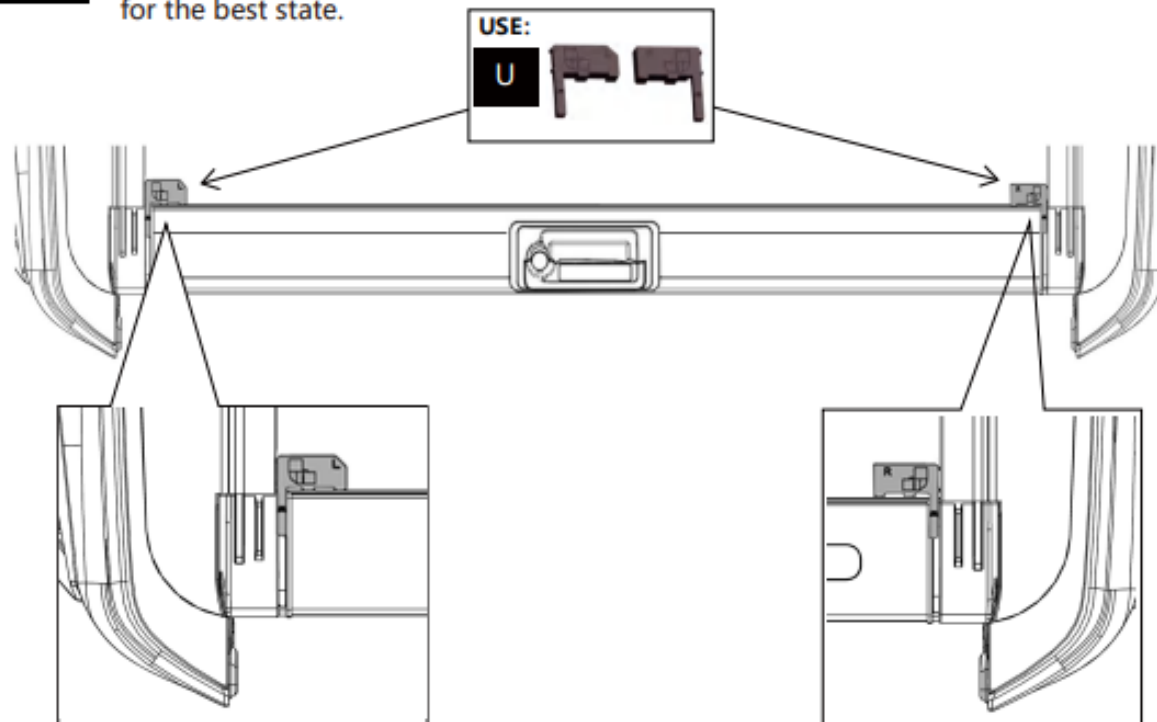
Tighten all bracket nuts using (Z4) wrenches.

After tightening the bolts, remove the (M4) adjusting lever.

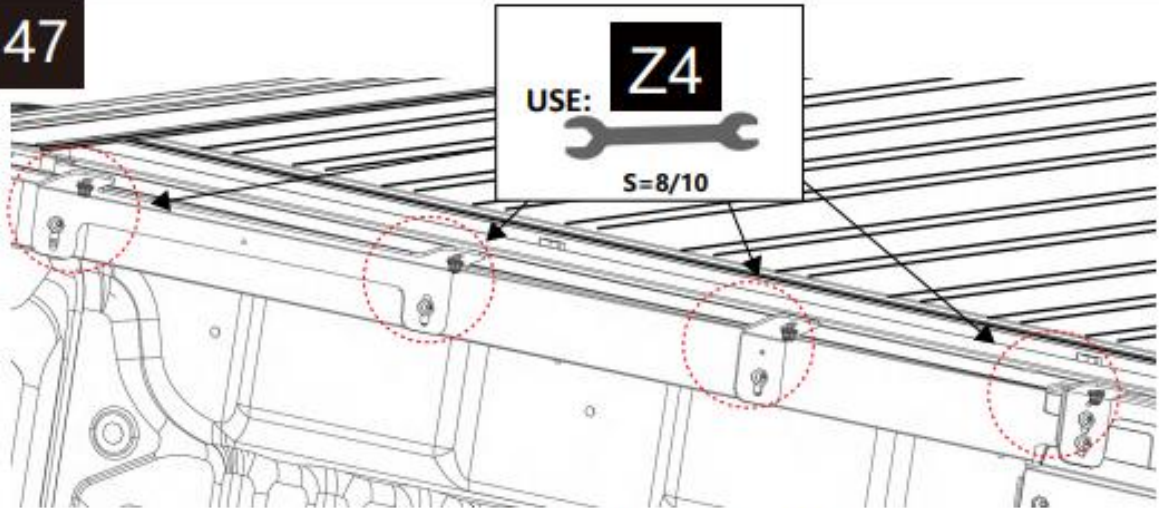
Option 2: Accessories U

46

Method 2: close the shutter, and the fixture (U) placed in the tail between the door and the end of the side bar, 7-9 mm between the gap for the best state.



47

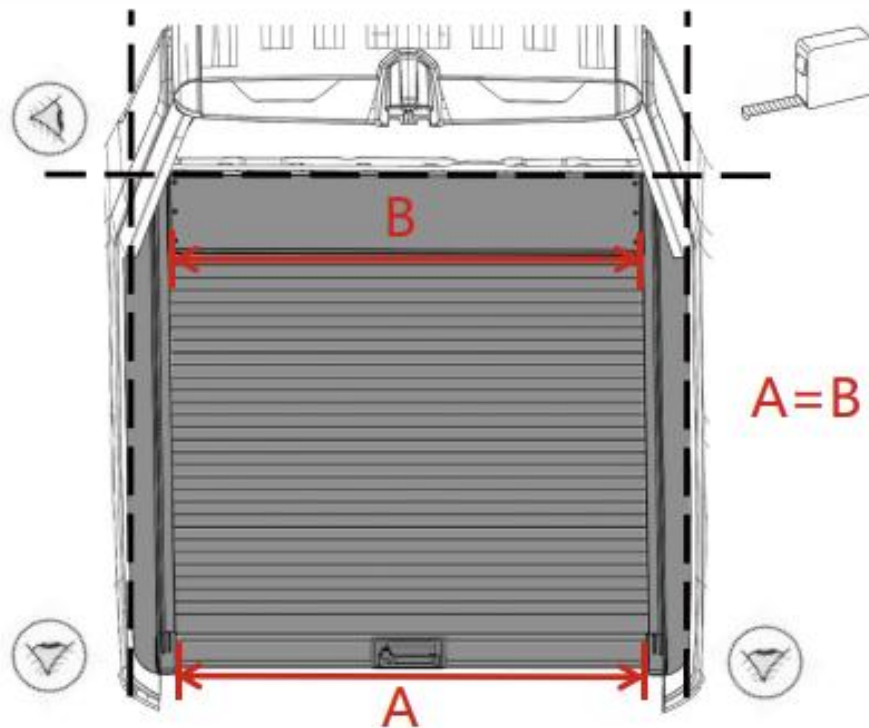


After securing the nuts to the rear brackets on both sides, remove the fixture (U) and open the shutters.

Tighten the rear bracket nuts on both sides with a (Z4) wrench, then open the shutter and tighten all bracket nuts.

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

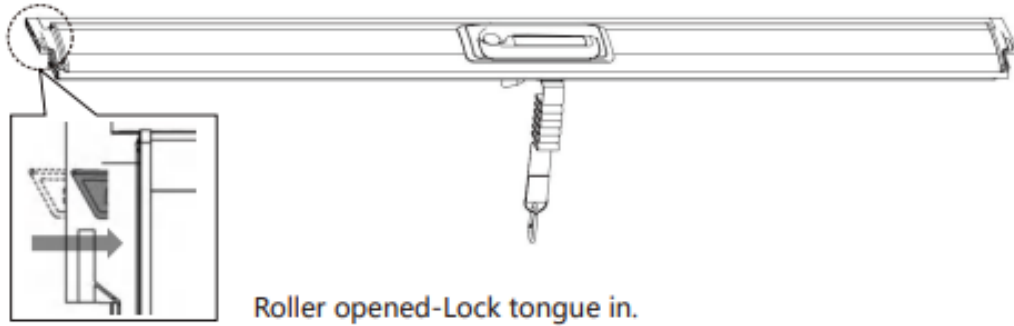
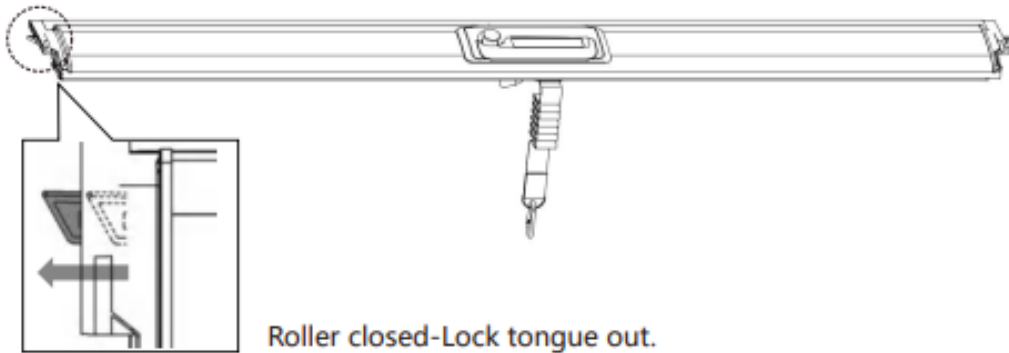
48



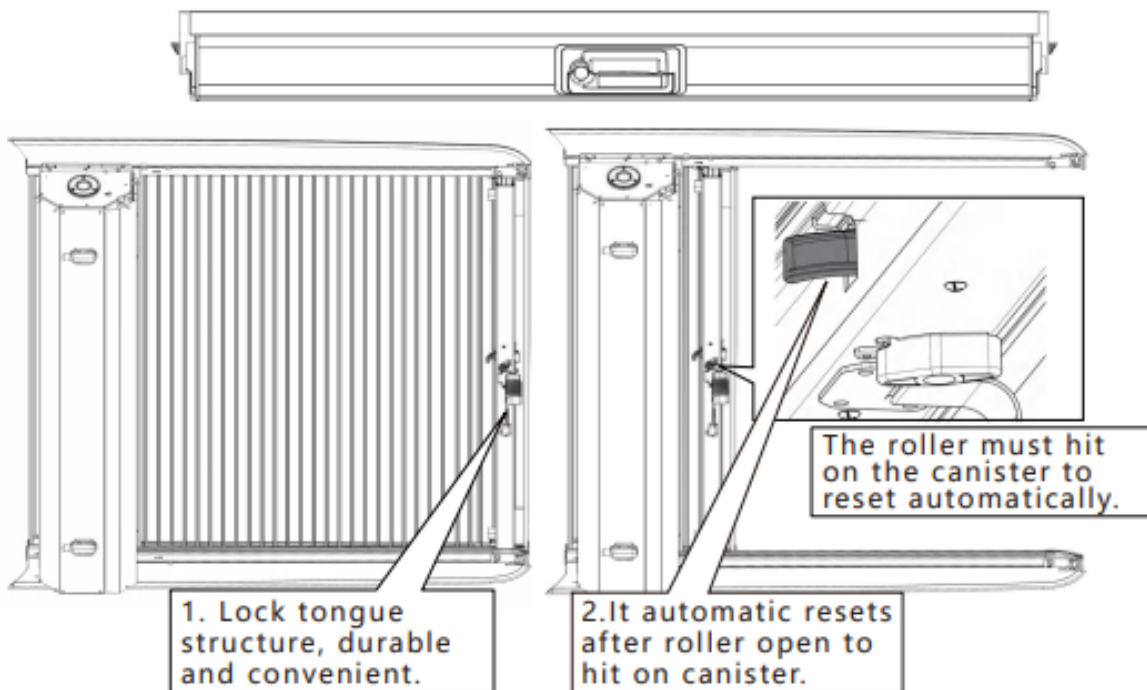
Make sure all the bolts are tightened, close the shutter, observe whether the product is parallel, can use a ruler to measure the gap between the front end and the back end of the product is consistent, the difference is within 2 mm is the best state.

### 3. Product Introduction

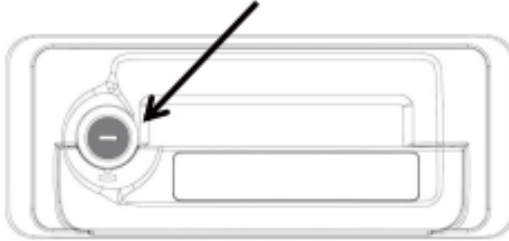
#### 3.1 Manual Lock Introduction.



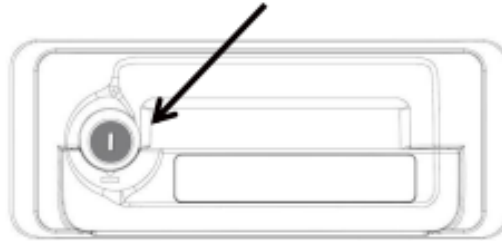
#### 3.2 Benefits.



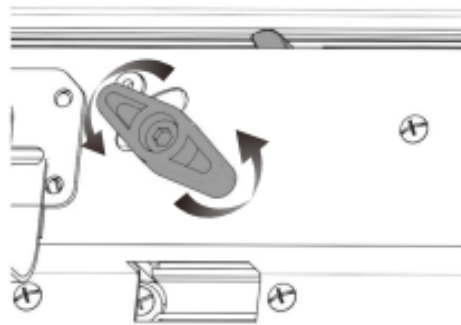
### 3.3 Manual lock operation.



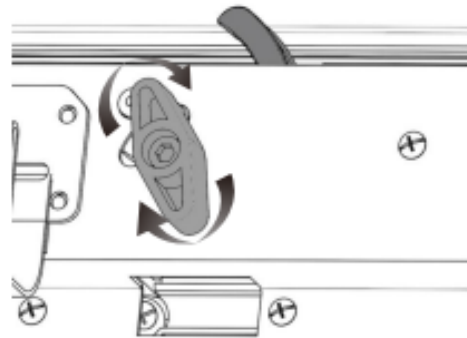
1.Unlock: Horizontal key-hole--Pull the handle backward and press to unlock.



2.Lock: Close the roller--turn the keyhole to vertical direction to lock.



3.Rotate the block to unlock as below.

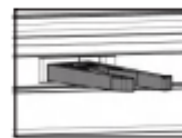


4.Rotate the block to lock as below.

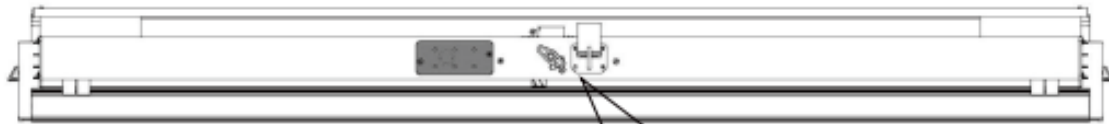
### 3.4 Function Introduction.



The cover can be unlocked in three positions, and this function can be used based on different needs.

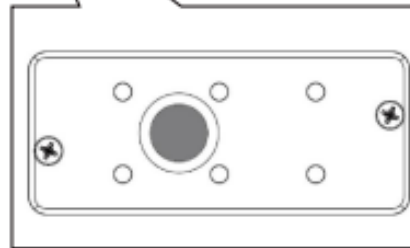


## 3.5 LED Light.

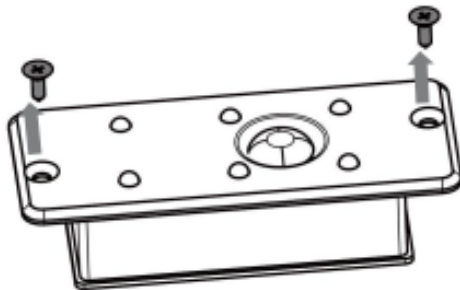


### Operation:

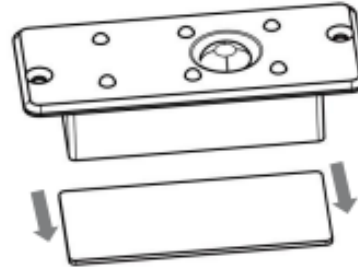
Press the red button to turn on/ off the light. If you do not touch the red button to turn off the light, it will automatically off after 5 minutes.



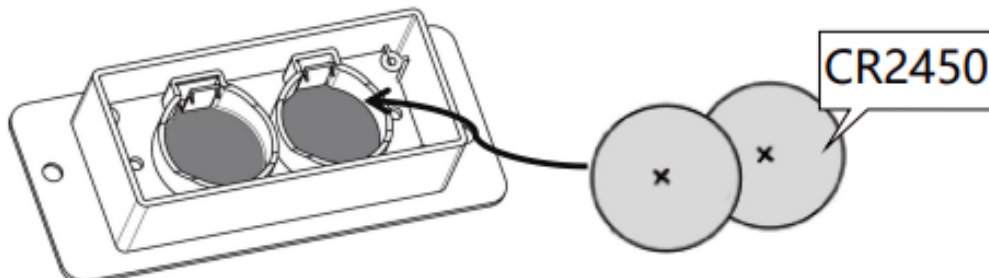
### Change the batteries for LED Light:



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




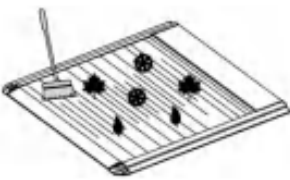
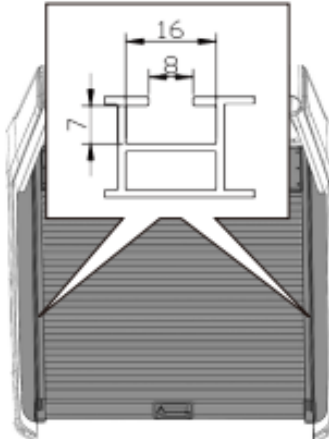

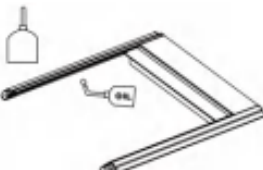
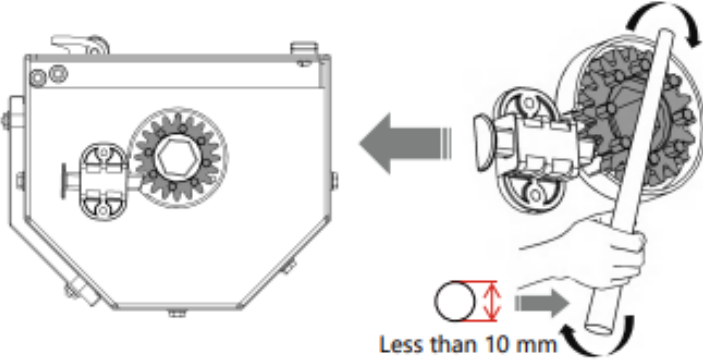
Unfasten the screws under the light box.



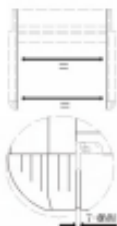


Replace with new batteries and install the light box back to the roller. Please pay attention to the +/- pole of the batteries during installation.

## 4. Maintenance

### 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>Less than 10 mm</p>		<p>If the shutter recovery speed is slow, strength is small, you can use a screwdriver, hexagon wrench and other stick objects, clockwise rotation can be. Note: this operation does not need to pull 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 installed inward or outward and not placed parallel. 2.Big resistance leads to non-smooth operation. 3.Side bars deform due to heavy load for sport bar/ladder rack etc.		<ol style="list-style-type: none"> <li>Use the installation gauges.</li> <li>Adjust the side bar installation to make sure the front and rear distance are the same.</li> <li>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>Check if the side bar is deformed by the pressure of other heavy load parts.</li> <li>Adjust the brackets of side bar installation, to make sure the side bars are parallel to the roller.</li> </ol>
2	Abnormal sound-4 short	No Hall signal detected.		<ol style="list-style-type: none"> <li>Unplug and replug the controller connector as well as the motor.</li> <li>Replace the controller or motor.</li> </ol>
3	The remote key can not control the cover	<ol style="list-style-type: none"> <li>The cover not power on.</li> <li>Low battery in the remote key.</li> <li>Unmatched code with controller.</li> </ol>		<ol style="list-style-type: none"> <li>Check if the LED light on controller is flashing to confirm power supply is okay. If no power, check if the positive fuse or roller burnt out.</li> <li>Check if the indicator on remote key is obviously dimmed or no light when you press the button, then replace battery.</li> <li>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, Gobidesert, 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. If you find that the brightness of the remote control signal indicator light is obviously weakened, or the button indicator light does not on, please replace the battery in time (battery model: CR2450).

7. 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.

8. Do not attempt to drive with the tail panel in the partially open position.

9. Tonneau cover must be free of foreign material including snow and ice before opening panels.

10. Do not tow your vehicle from the rear with the tonneau on your truck.

11. Do not operate vehicle with objects on top of cover.

Failure to follow these cautions may result in severe damage and will void your warranty