



AUTOMOTIVE ACCESSORY  
MANUFACTURE & DISTRIBUTION

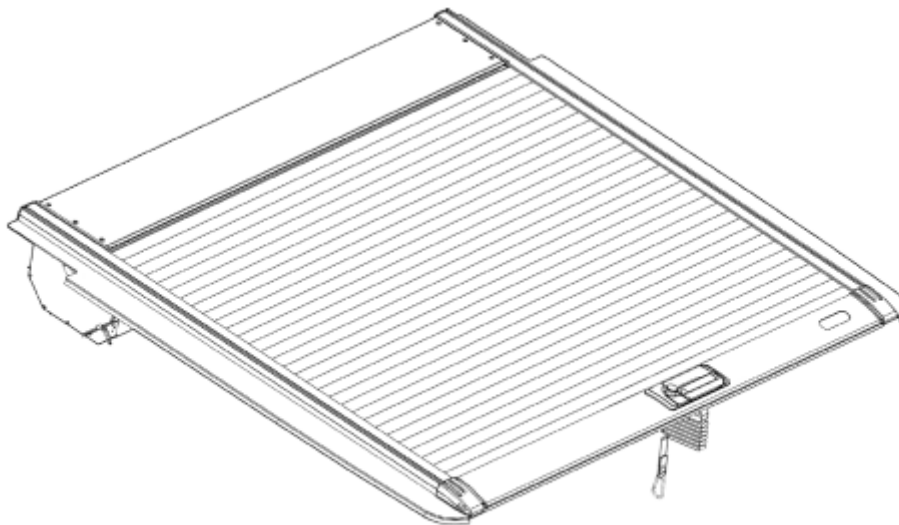
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## FITTING INSTRUCTIONS FIT1355

PLEASE READ INSTRUCTIONS COMPLETELY BEFORE INSTALLATION

**ROLLING LID – LDV TERRON 9  
MANUAL – WITH BED LINER**

**RL130M-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.




































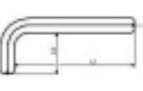

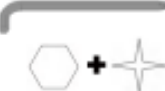











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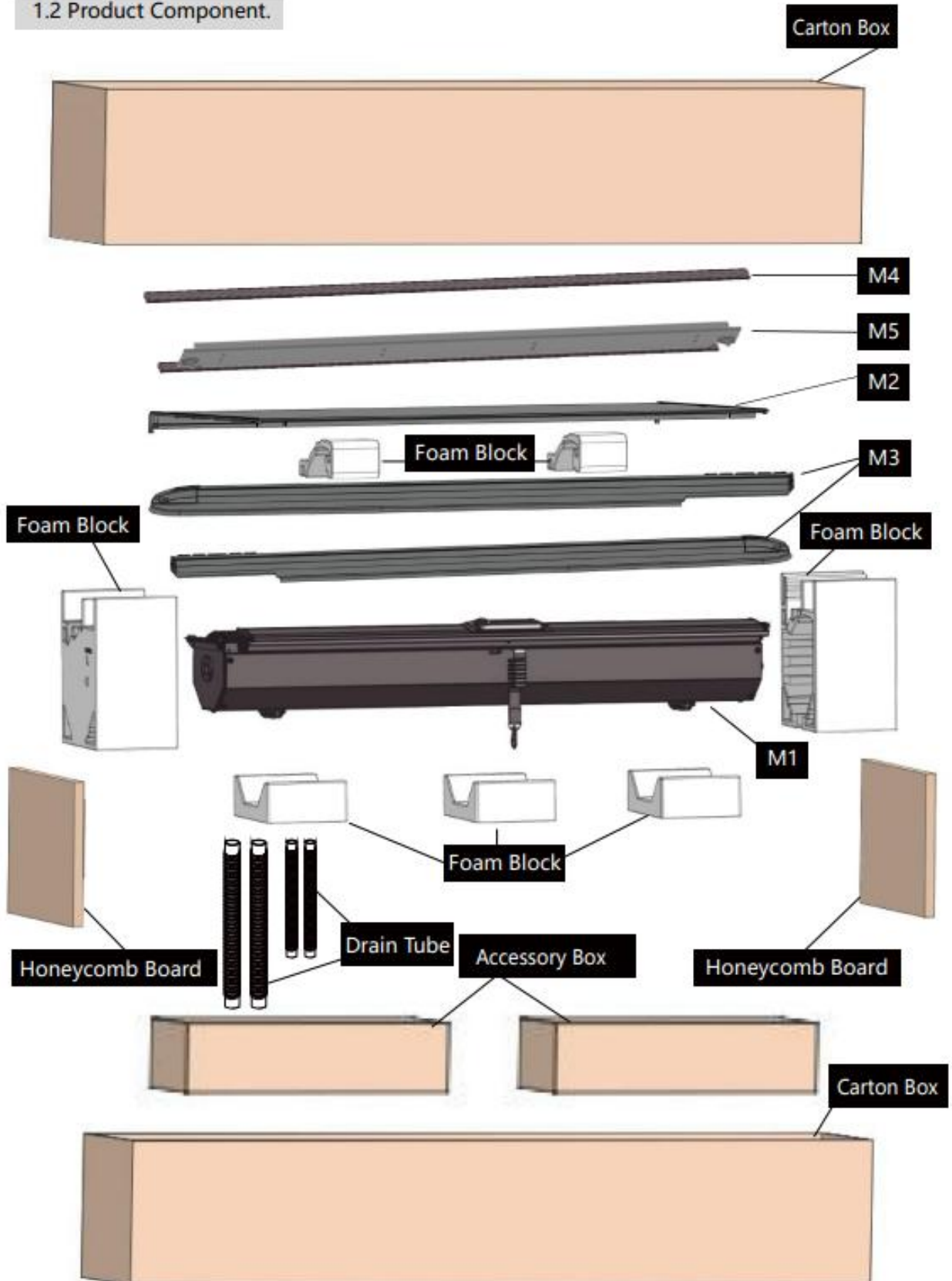
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1. Product Introduction				
1.1. Bill of Material				
<b>M1</b>  1X	<b>M2</b>  1X			
<b>M3</b>  1X	<b>M4</b>  1X			
<b>M5</b>  1X				
Bill of Material-Canister				
<b>A</b>  4X	<b>B</b>  10X	<b>C</b>  2X	<b>D</b>  2X	<b>E</b>  2X
Foam				
<b>K1</b>  Foam 430x46x3 2X	<b>K2</b>  Pre-EVA single-sided vinyl 1X	<b>K3</b>  Foam 1610x40x10 1X		
<b>K4</b>  Foam 1650x40x5 2X	<b>K5</b>  Pre-strip 1X			
Bill of Material-Brackets				
<b>F</b>  2X	<b>G</b>  2X	<b>H</b>  2X	<b>I</b>  L1+R1	
<b>J</b>  L1+R1		<b>K</b>  4X	<b>L</b>  4X	<b>M</b>  8X
<b>N</b>  8X	<b>O</b>  26X	<b>P</b>  26X	<b>Q</b>  38X	<b>R</b>  12X

<b>S</b>  28X7X4 10X	<b>T</b>  2X	<b>U</b>  L1+R1					
<b>Bill of Material-Tools</b>							
<b>Z1</b>  S=4 1X	<b>Z2</b>  S=5 1X	<b>Z3</b>  S=5 1X	<b>Z4</b>  S=8/10 1X				
<b>Maintenance</b>							
Sealant  3X		Lubricant  1X					
<b>Other Assisitive tools (Provided by Customer)</b>							
 H <sub>2</sub> O						 Φ28	 Φ20

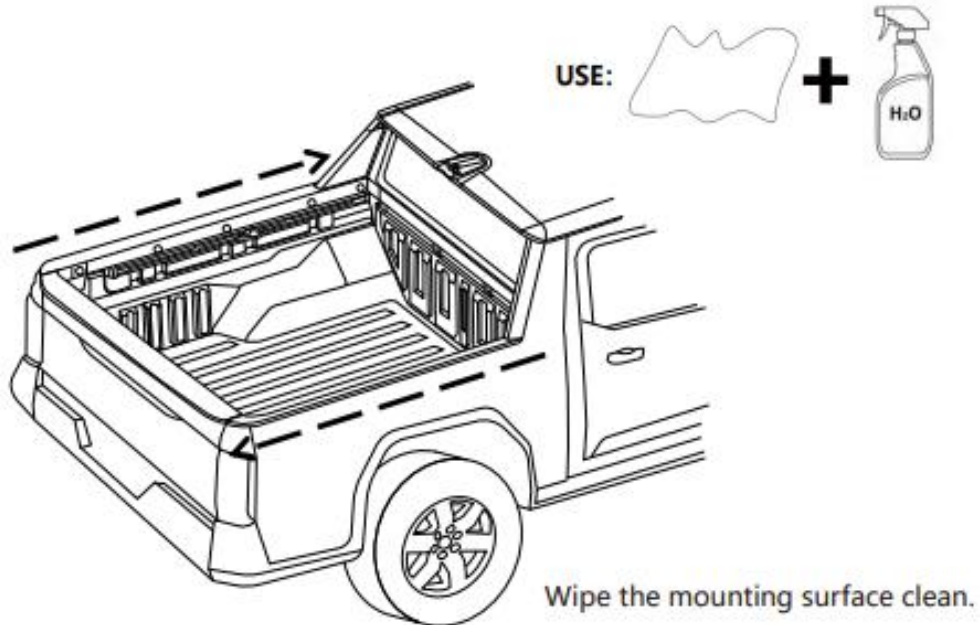
## 1.2 Product Component.



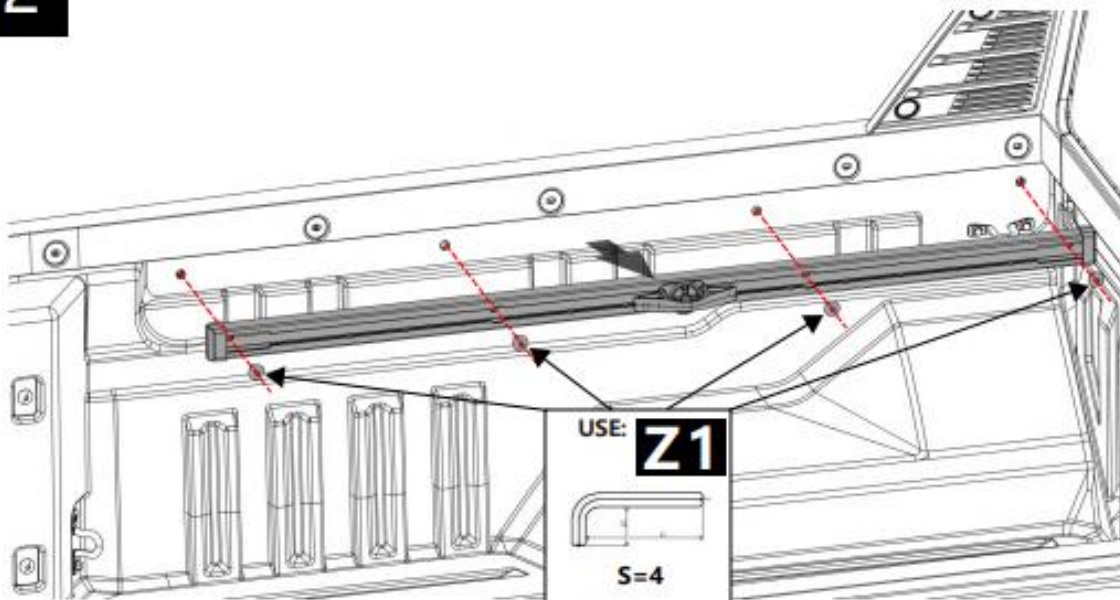
## 2. Installation

### 2.1 Preparation.

1

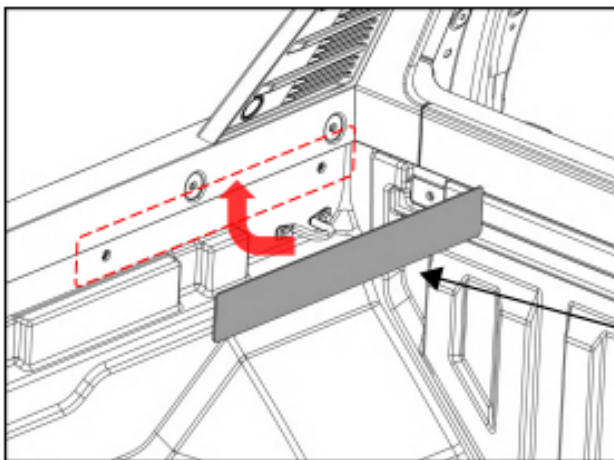


2

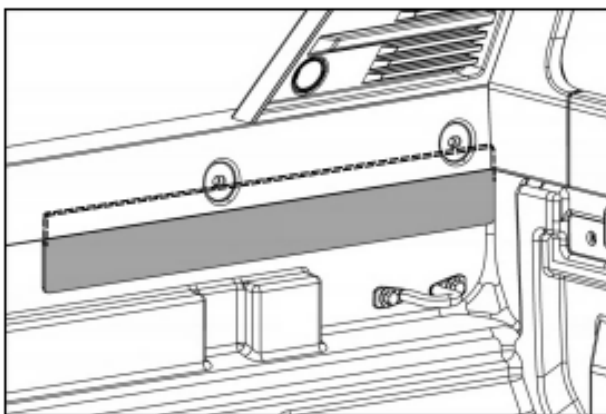


Unscrew the original screws on the seat rail and remove it. Same as the right side.

3



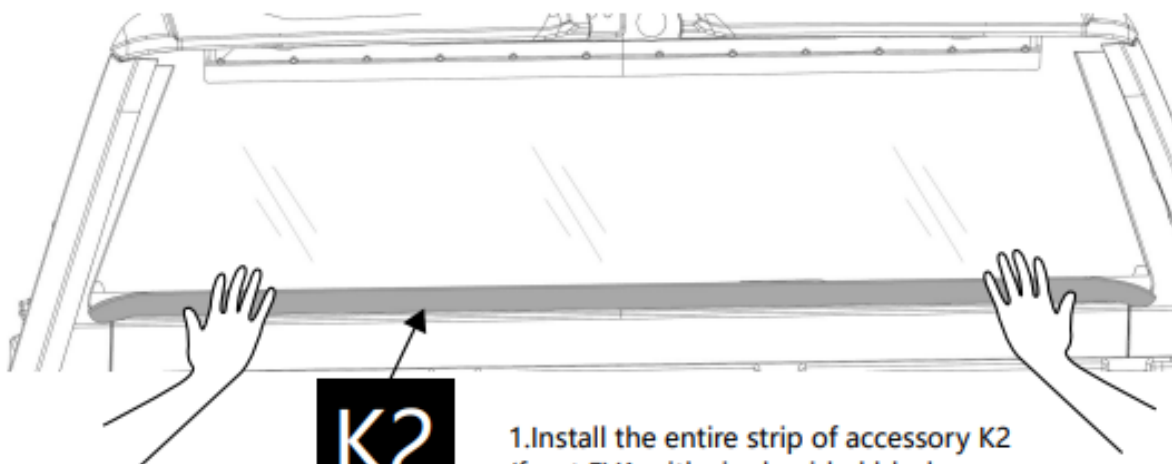
K1



Accessory K1 single-sided foam is positioned using the box edge as a reference (as shown). Adhere the foam to the inner side of the vehicle compartment wall, Same as the right side.

4

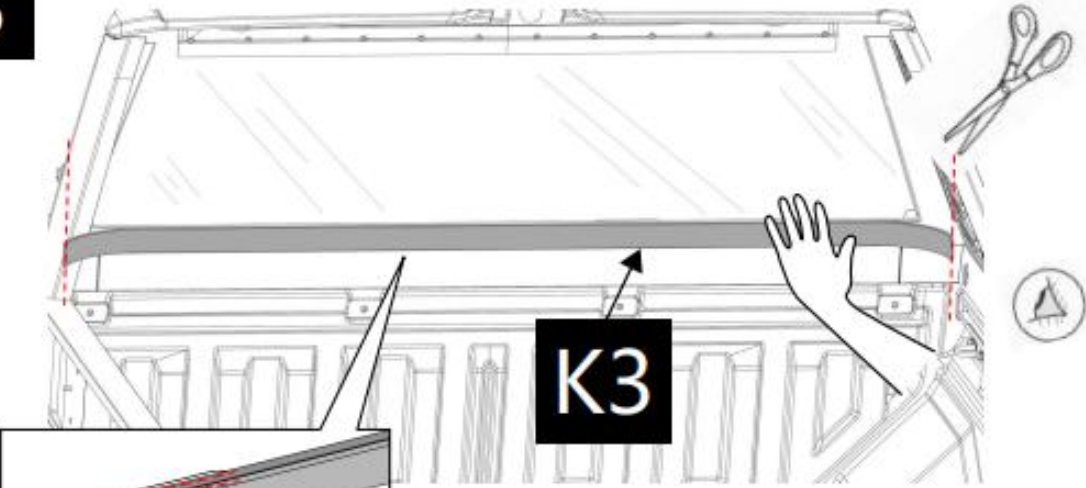
Two methods for installing the front waterproof foam  
Option 1:



K2

1. Install the entire strip of accessory K2 (front EVA with single-sided black adhesive) to the bottom edge of the rear window, as shown in the figure.

**5**



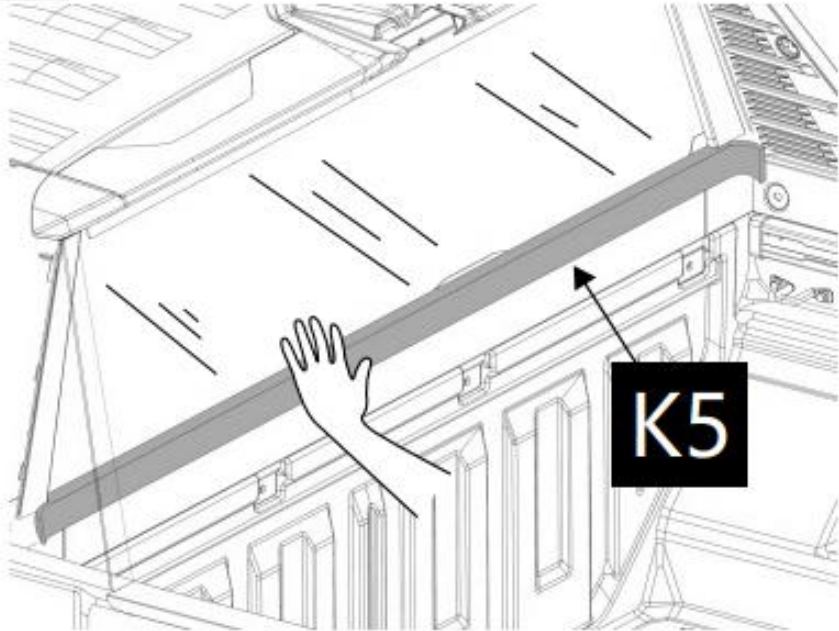
**K3**

Two foam strips laid parallel

2. Using the foam of accessory K2 as the top reference point, attach the entire strip of accessory K3 (with single-sided black adhesive) along the upper edge of the vehicle compartment's front end. Trim any excess material with scissors, ensuring both ends of the foam align with the two sides of the compartment's rear panel.

**TIPS:** If the foam strip is not flush with the vehicle compartment after installation, apply additional strips until a level surface is achieved.

**6** Option 2:

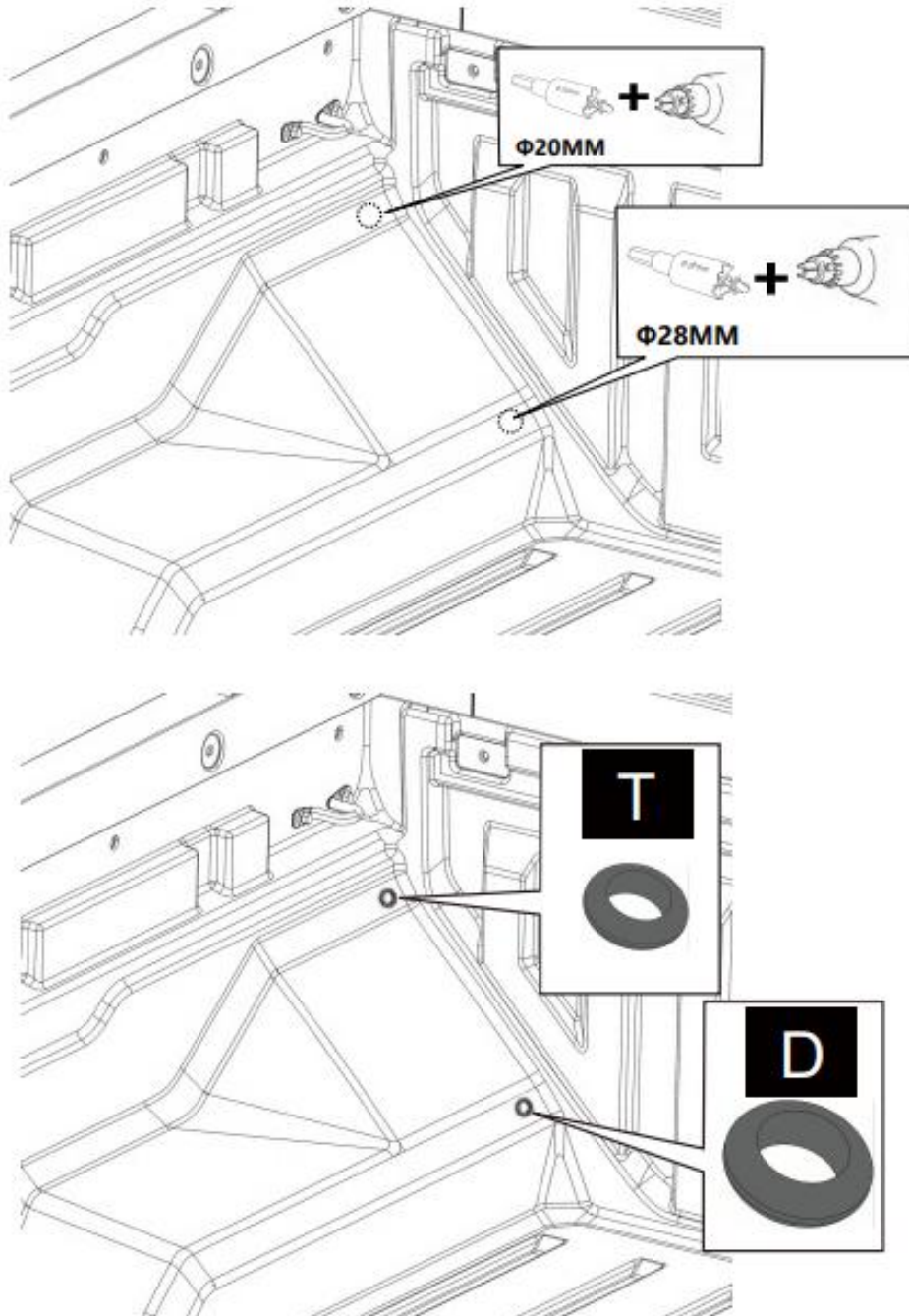


**K5**

Install the entire strip of accessory K5 (front adhesive strip) along the upper edge of the vehicle compartment's front end and the rear window (as shown). Ensure both ends of the strip align with the two sides of the compartment's rear panel.

7

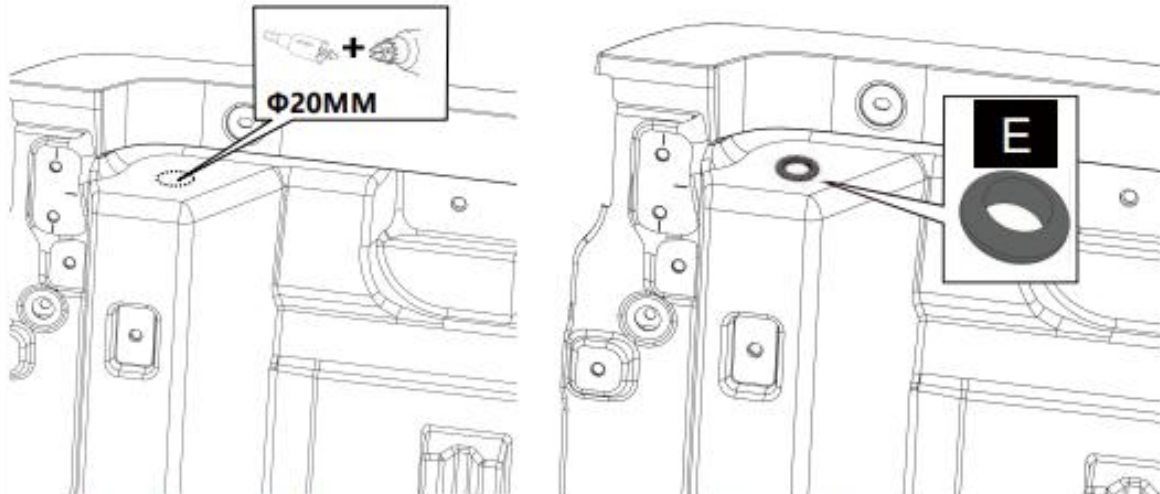
Front drain hole



Drill holes in the compartment using a hand drill with  $\Phi 28\text{mm}$  and  $\Phi 20\text{mm}$  hole saws. Note: Two holes are required - one for the cabinet drain and one for the front drain hole (as shown). After drilling, remove all burrs and flash. Then install the gaskets from accessory D and accessory T to prevent leakage. Same as the right side.

8

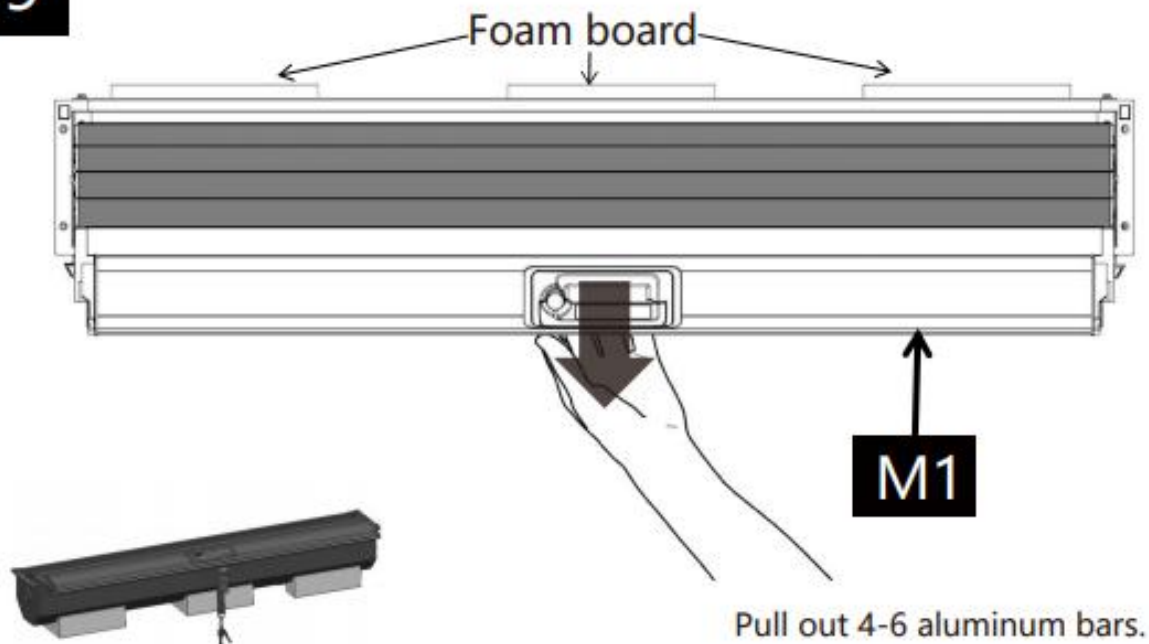
## Rear drain hole



Drill holes in the compartment using a hand drill with a  $\Phi 20\text{mm}$  hole saw (as shown). After drilling, remove all burrs and flash. Then install the gasket from accessory E to prevent leakage. Same as the right side.

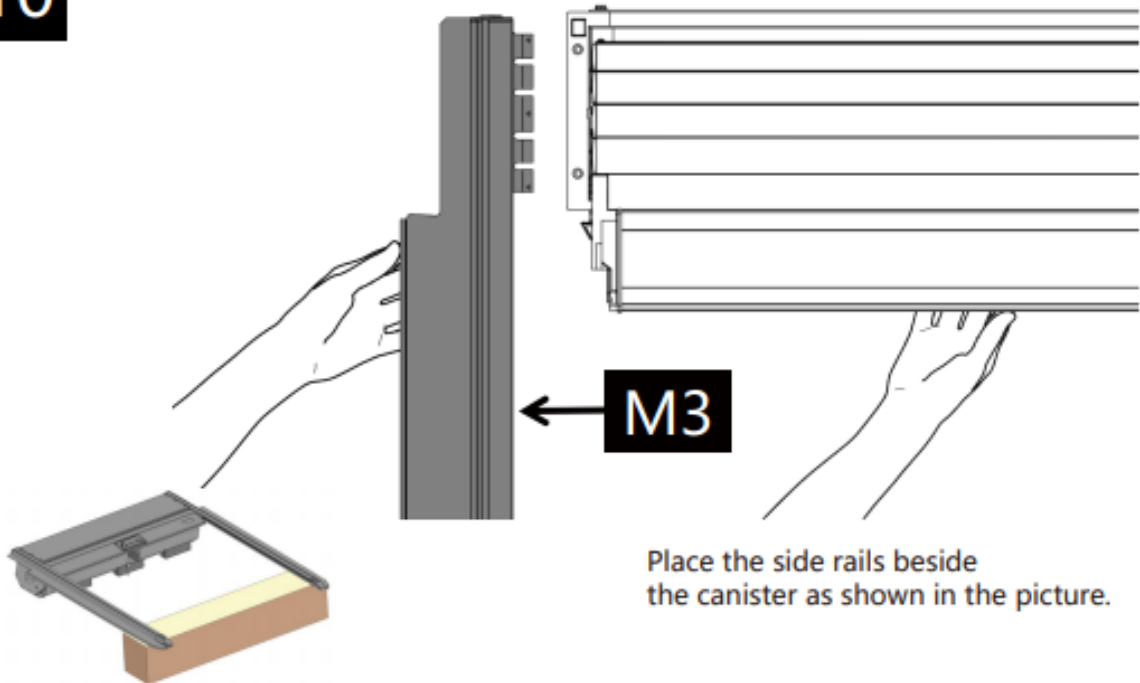
## 2.2 Assembly

9



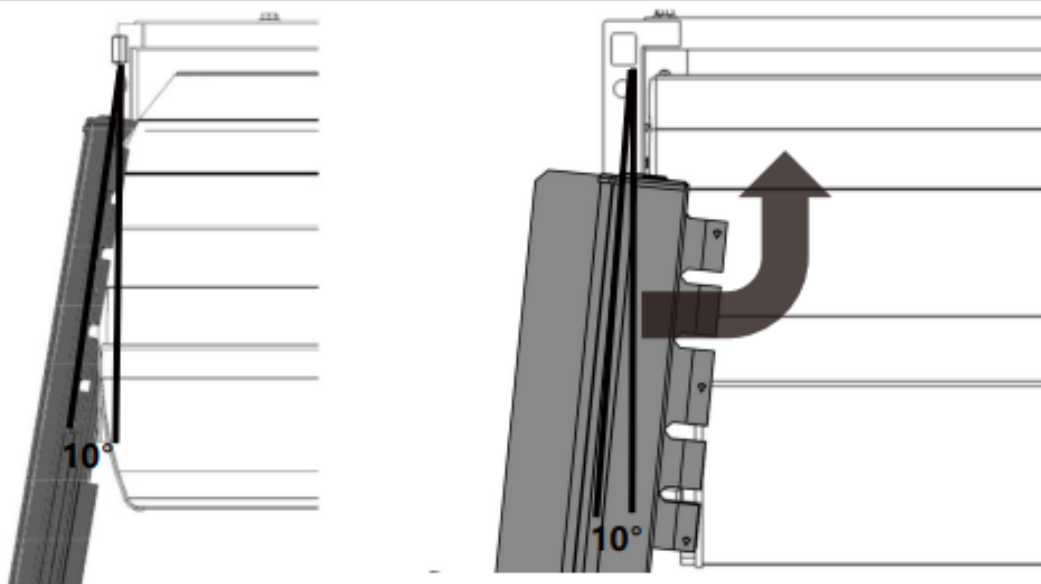
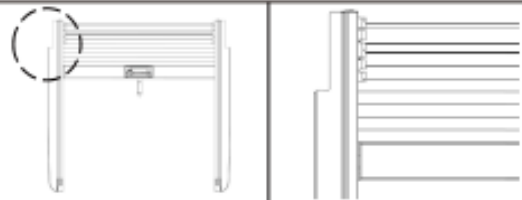
Tips: Put the canister on the foam block for assembly to avoid scratch.

10



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

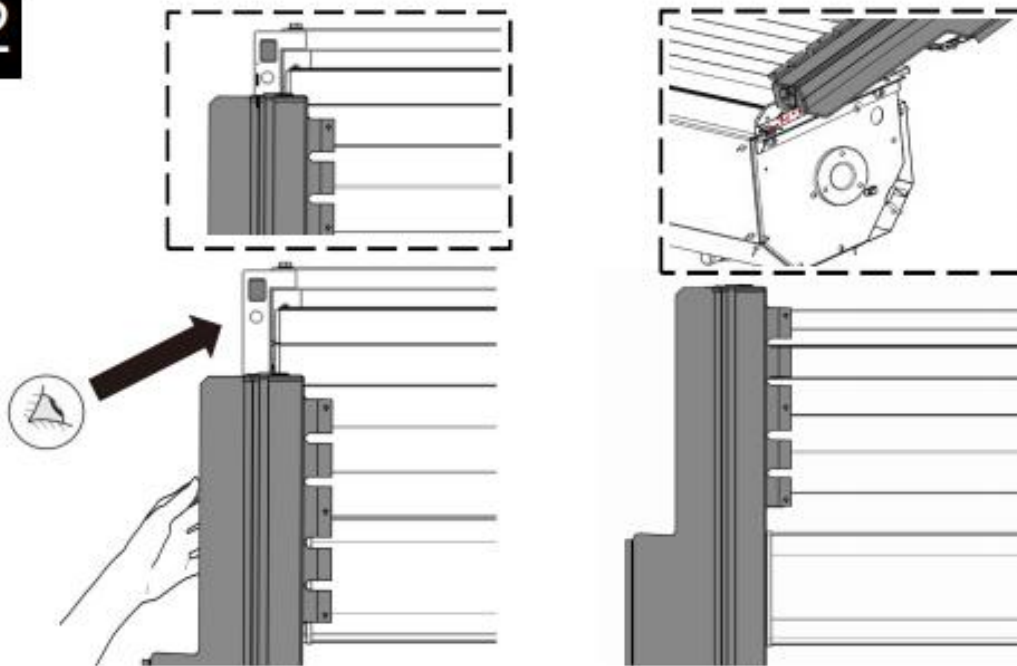
11



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

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

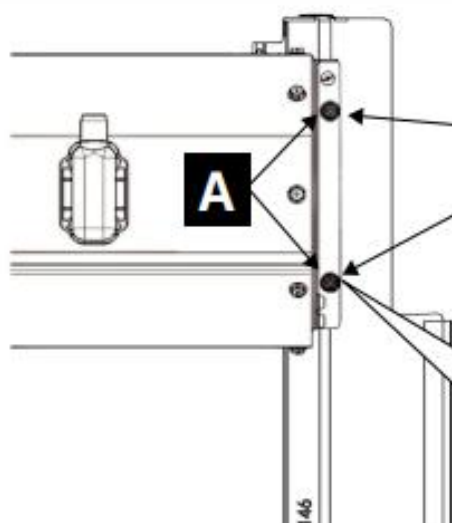
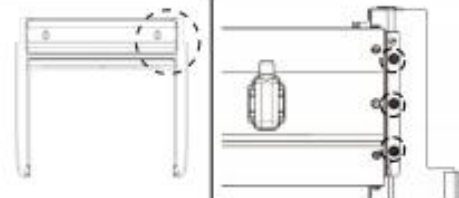
12



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.

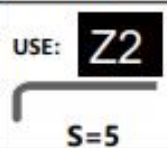
13



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.

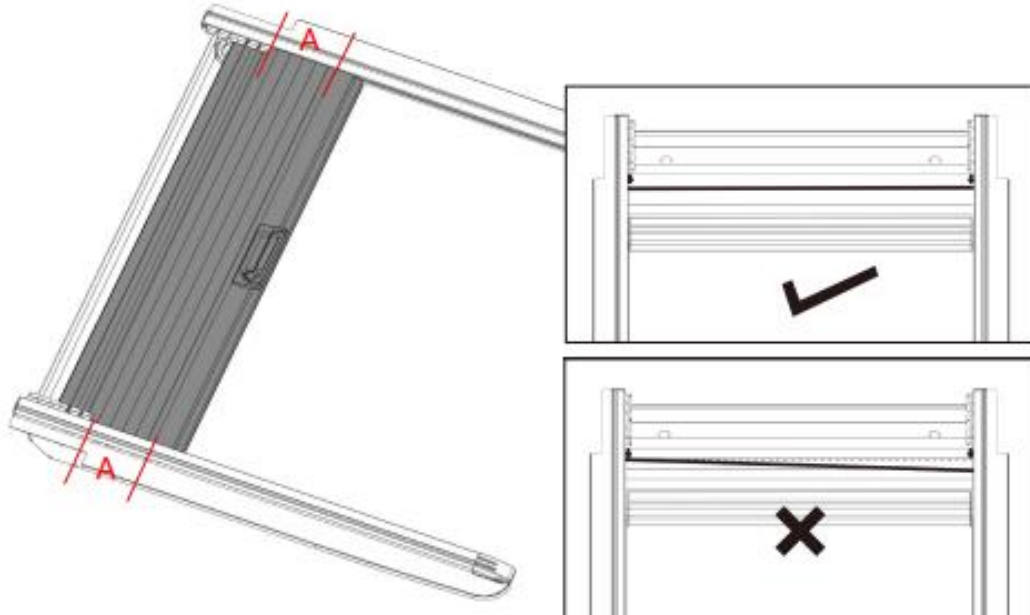


Tighten the bolts with wrench.

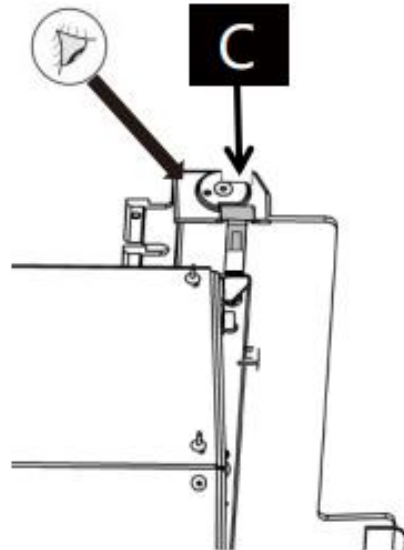
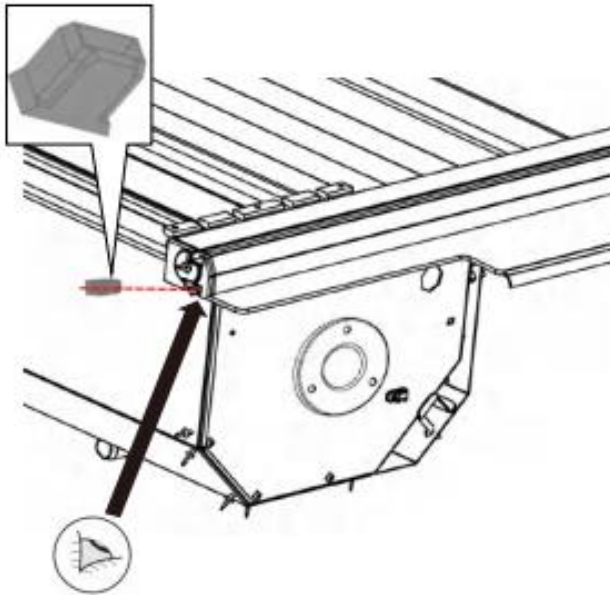
TIPS: This operation need to reverse the canister. If the bolts can not be fixed, please adjust the side rail and the canister hole alignment.

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)

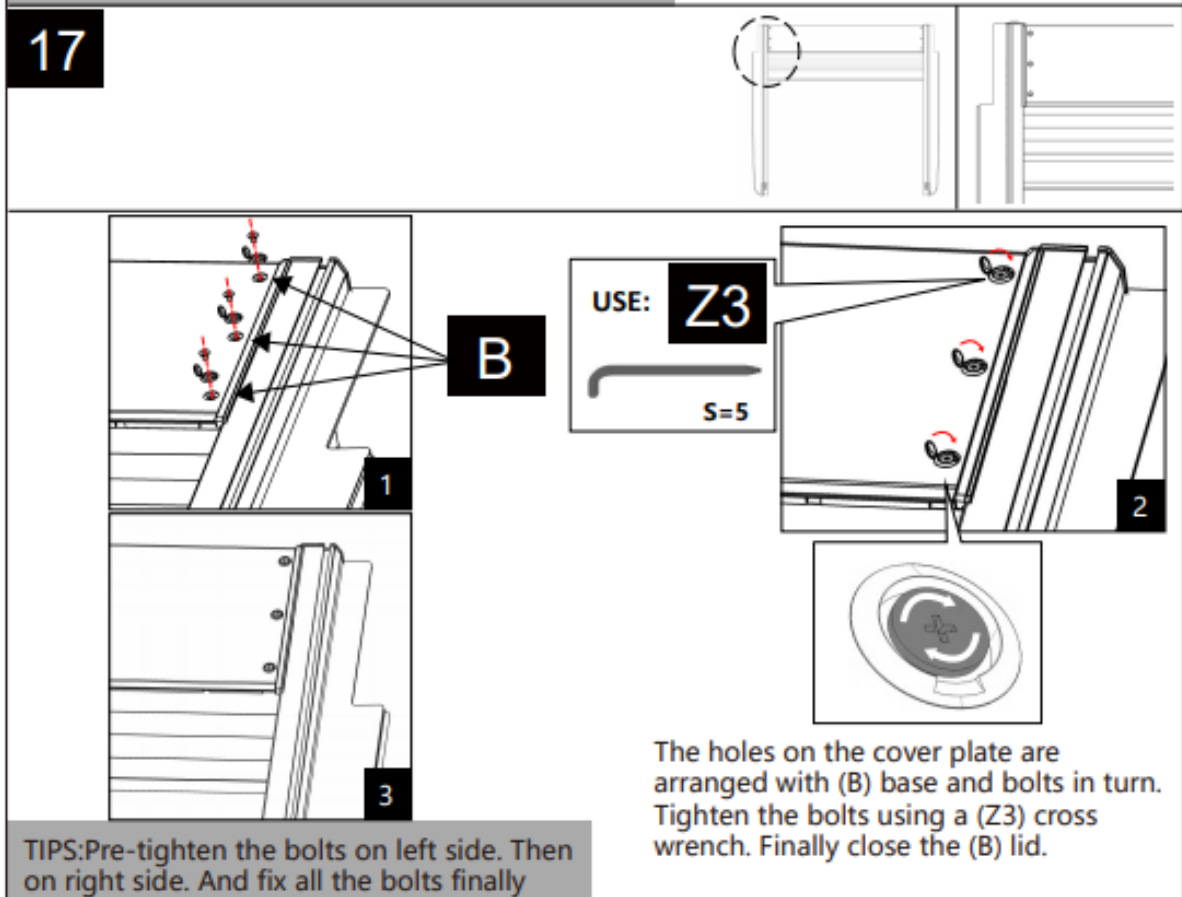
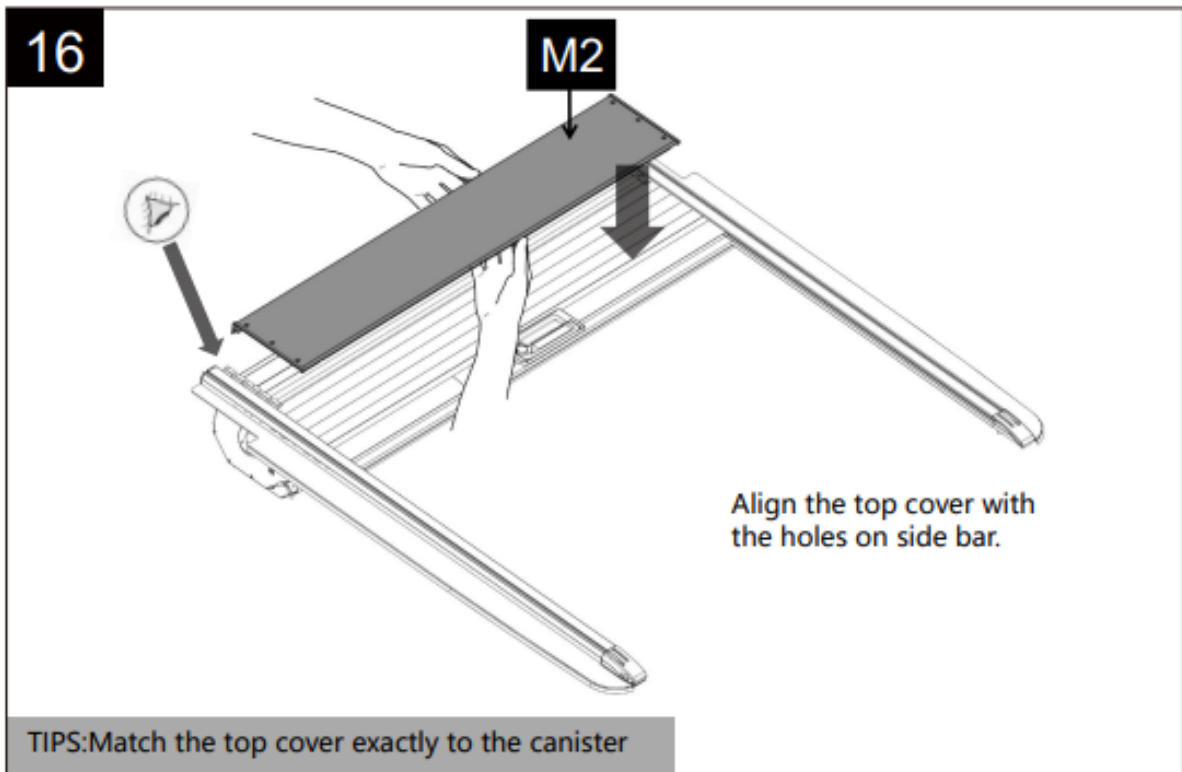


15

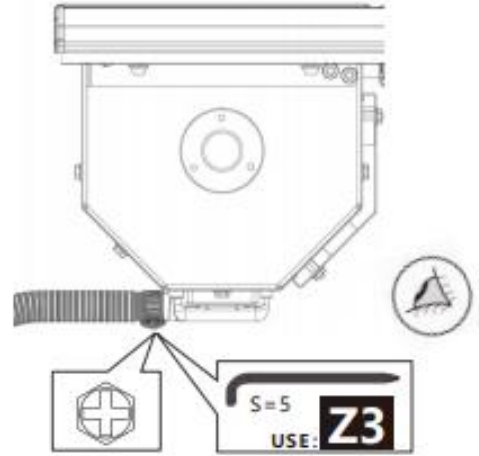
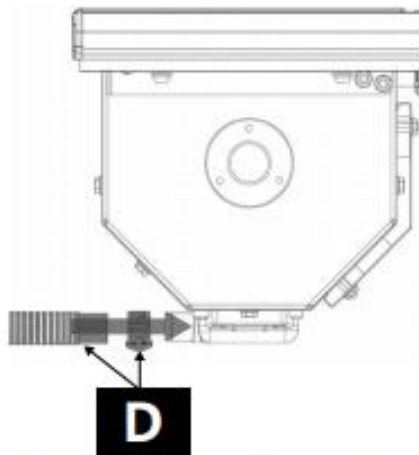
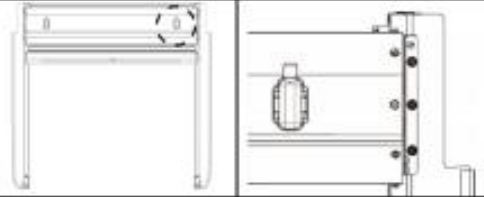


Tips: (c) the narrow part of the stopper should face down

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



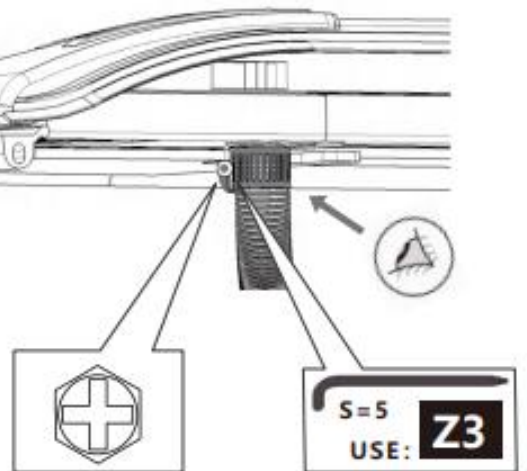
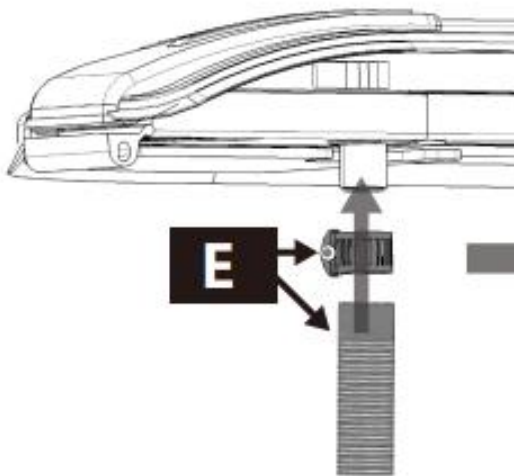
18



Fix the bolts with wrench.

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

19

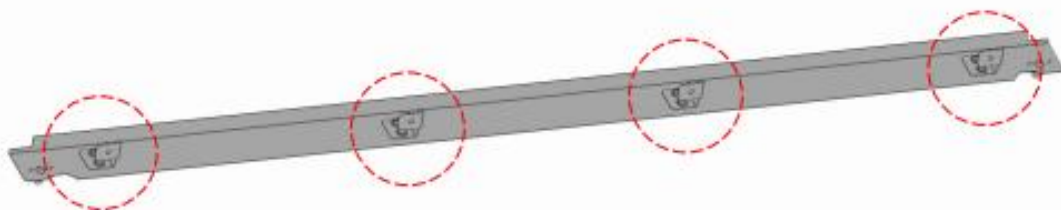
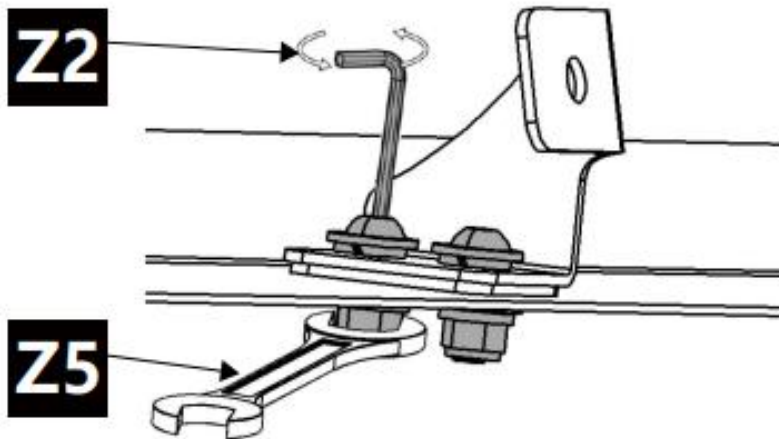
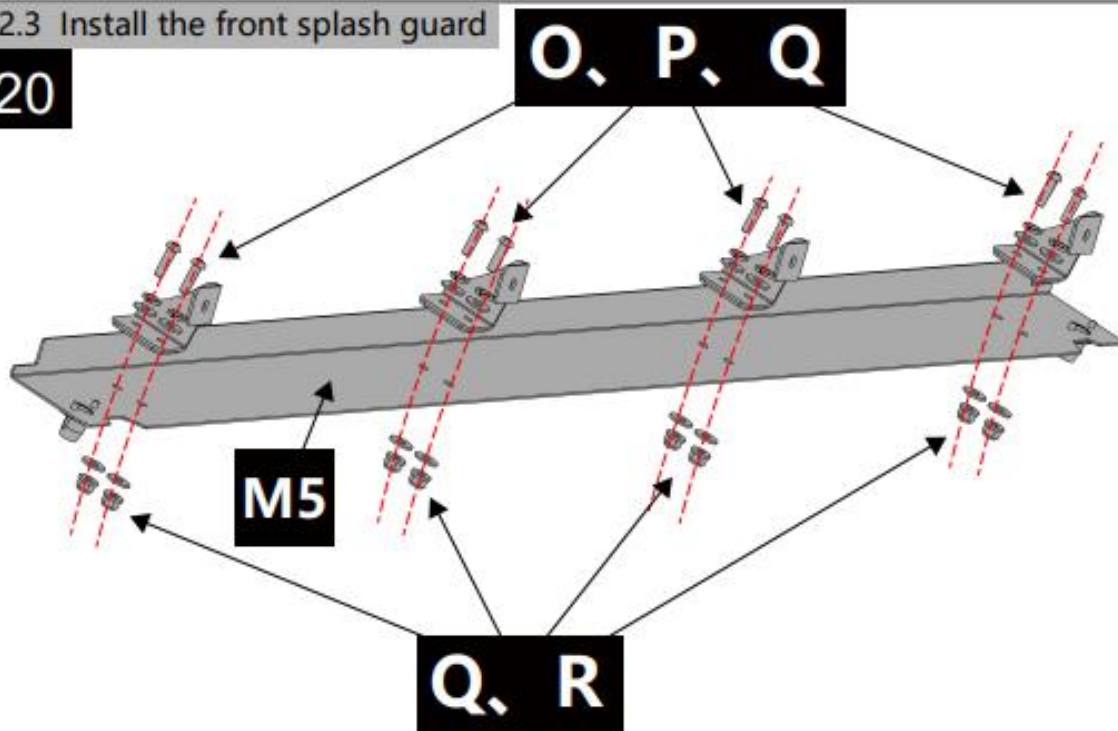


Fix bolts with wrench.

TIPS: Install the drain tubes consistently.

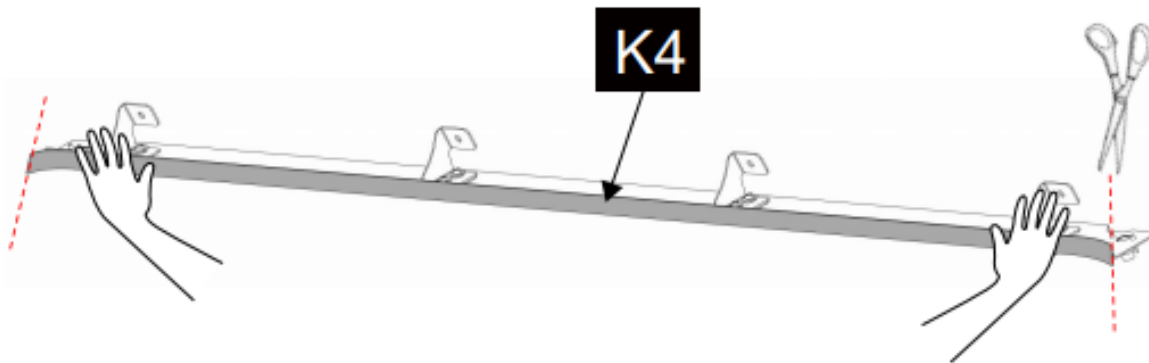
## 2.3 Install the front splash guard

20

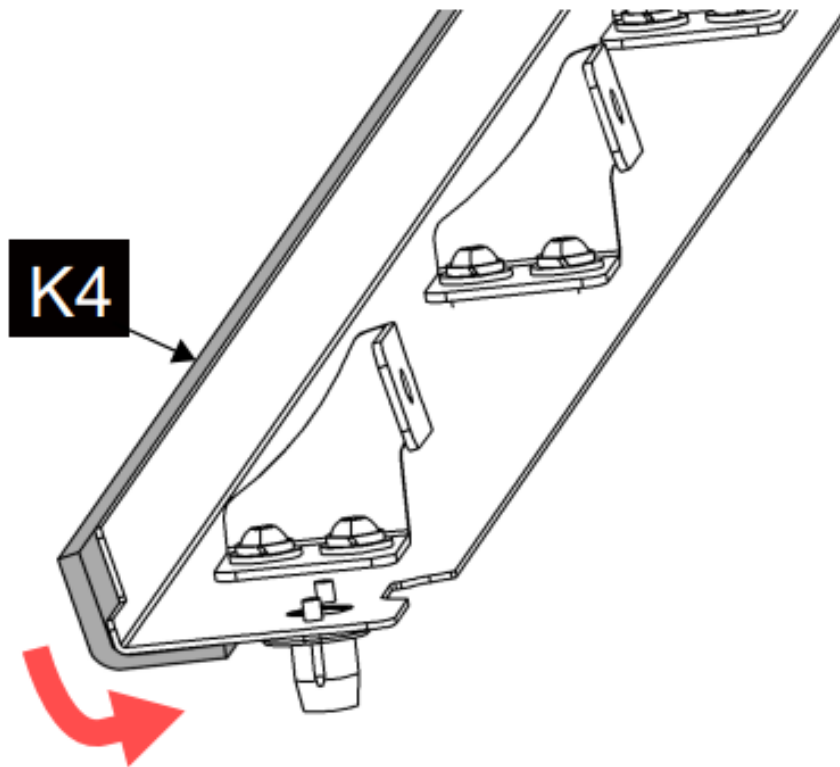


Use screws (O) with spring shims (P) and shims (Q) to secure the front fender bracket (M5) to the Fender, tighten it on the other side with nuts (R) and shims (Q), and then manually tighten it with a (Z2) Hex Wrench.

21

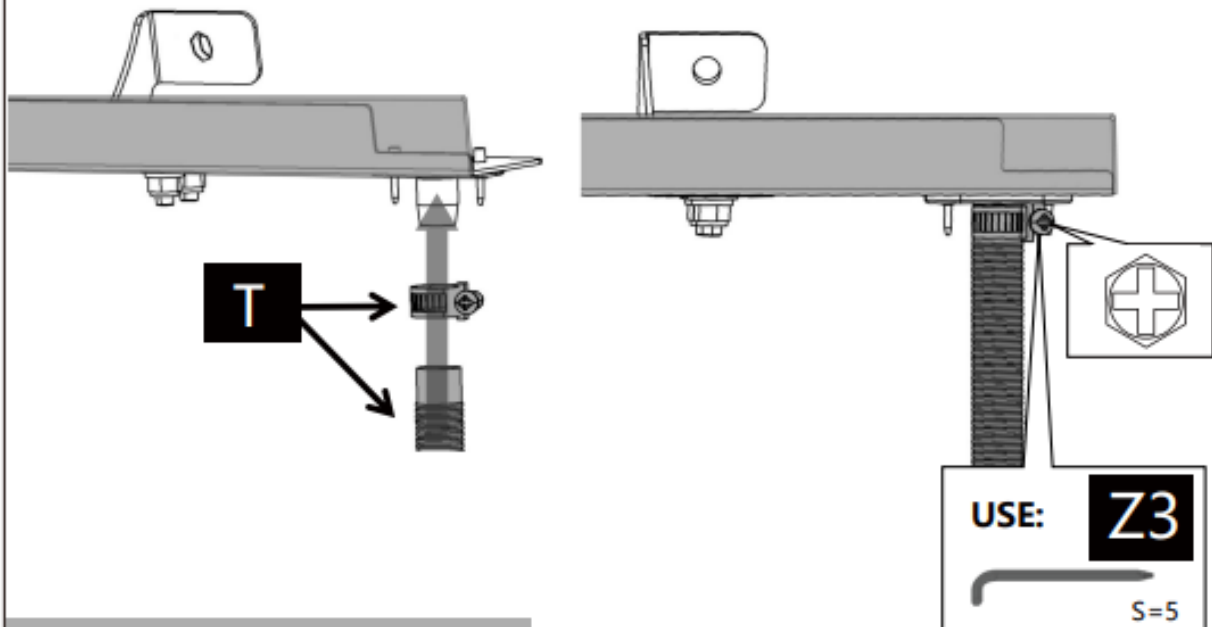


Apply the entire strip of (K4) single-sided foam to the outer side of the front splash shield, as show in the picture.



Bend and adhere the lower end of the foam to the bottom of the splash shield (see illustration). Same as the right side.

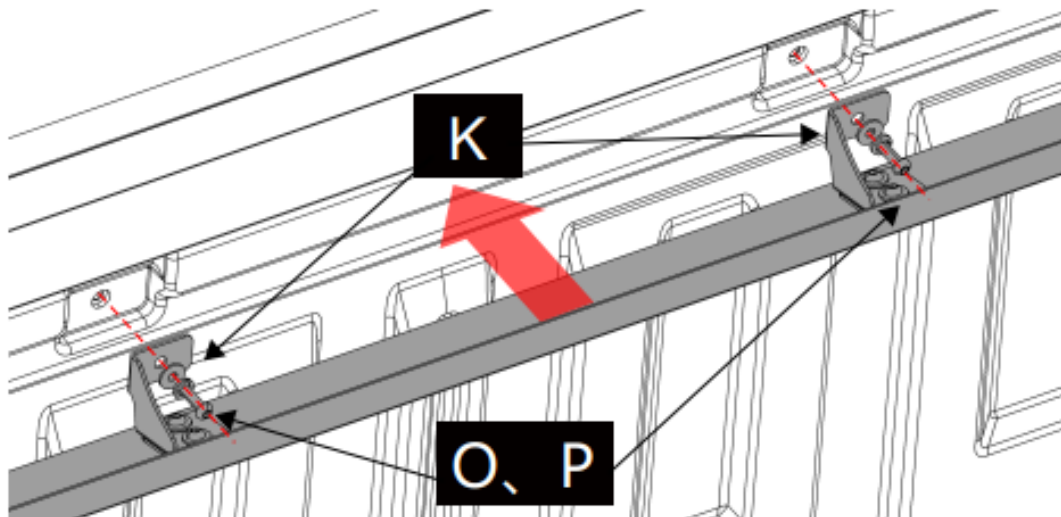
22



TIPS: Install the drain tubes on both sides of the front splash shield uniformly.

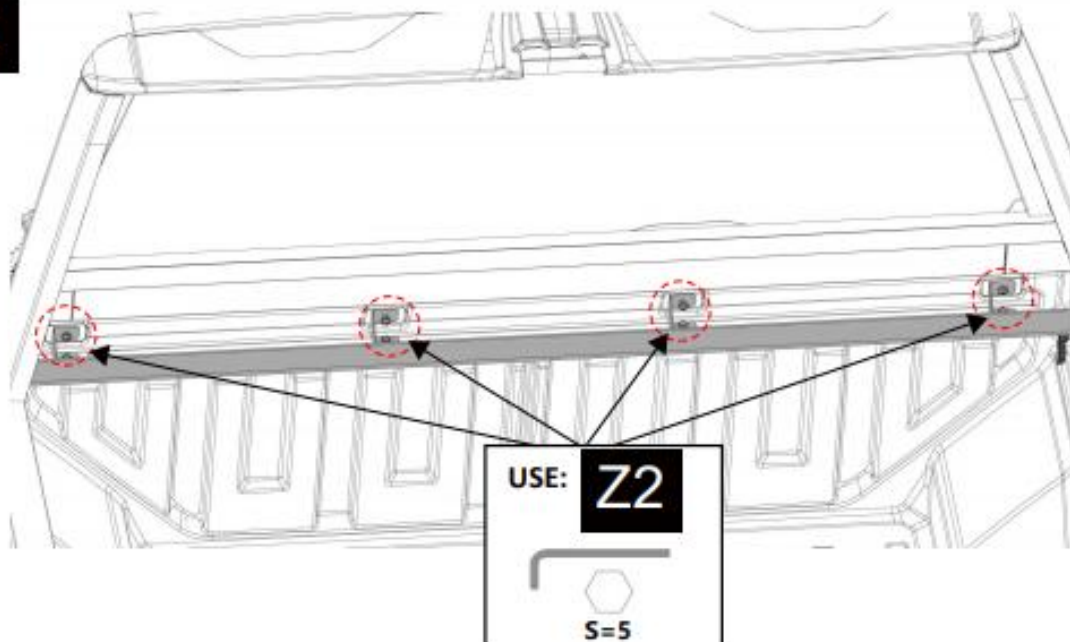
Using a cross-head spanner (Z3), tighten the pipe bolts (T).

23



Using (O) screws, (p) spring shims, (Q) shims through the front fender bracket screw holes, screw on the front of the car on the original car screw holes, a total of four.

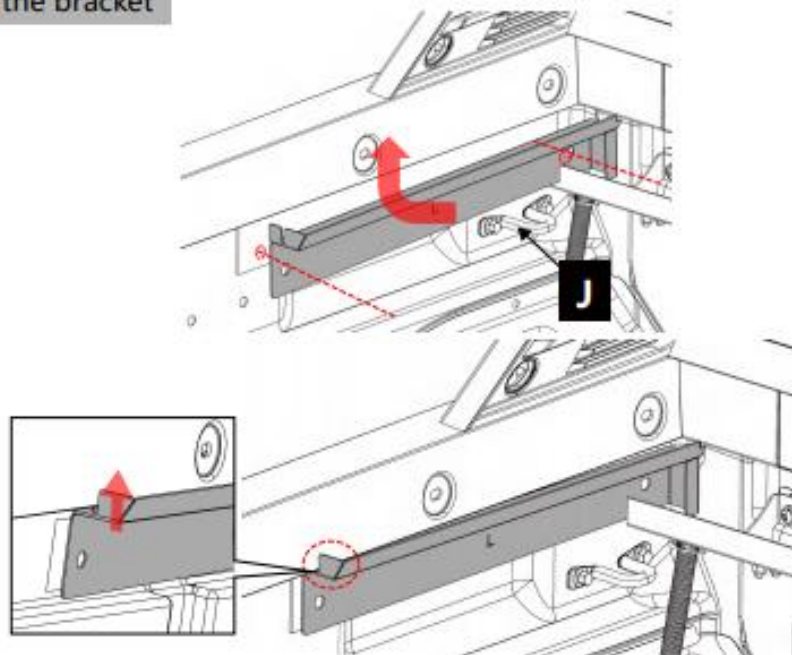
24



Tighten the screws on the front fender bracket with a (Z2) Hex Wrench and secure the front fender to the front edge of the car.

## 2.4 Assemble the bracket

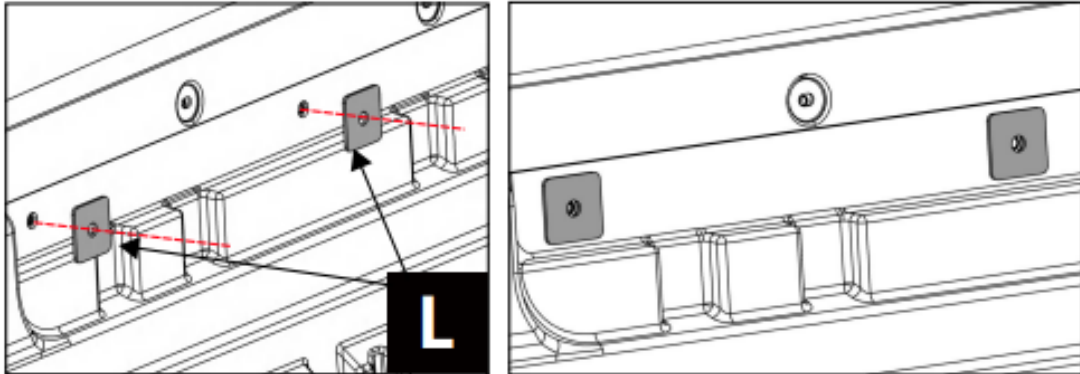
25



Tips:1. The end of the bottom water-catching bracket must hook onto the edge of the compartment and be pushed inward until it is fully seated.2. Align the screw holes of the bracket with the vehicle's original screw holes through the foam, facilitating the installation of the original screws in subsequent steps.

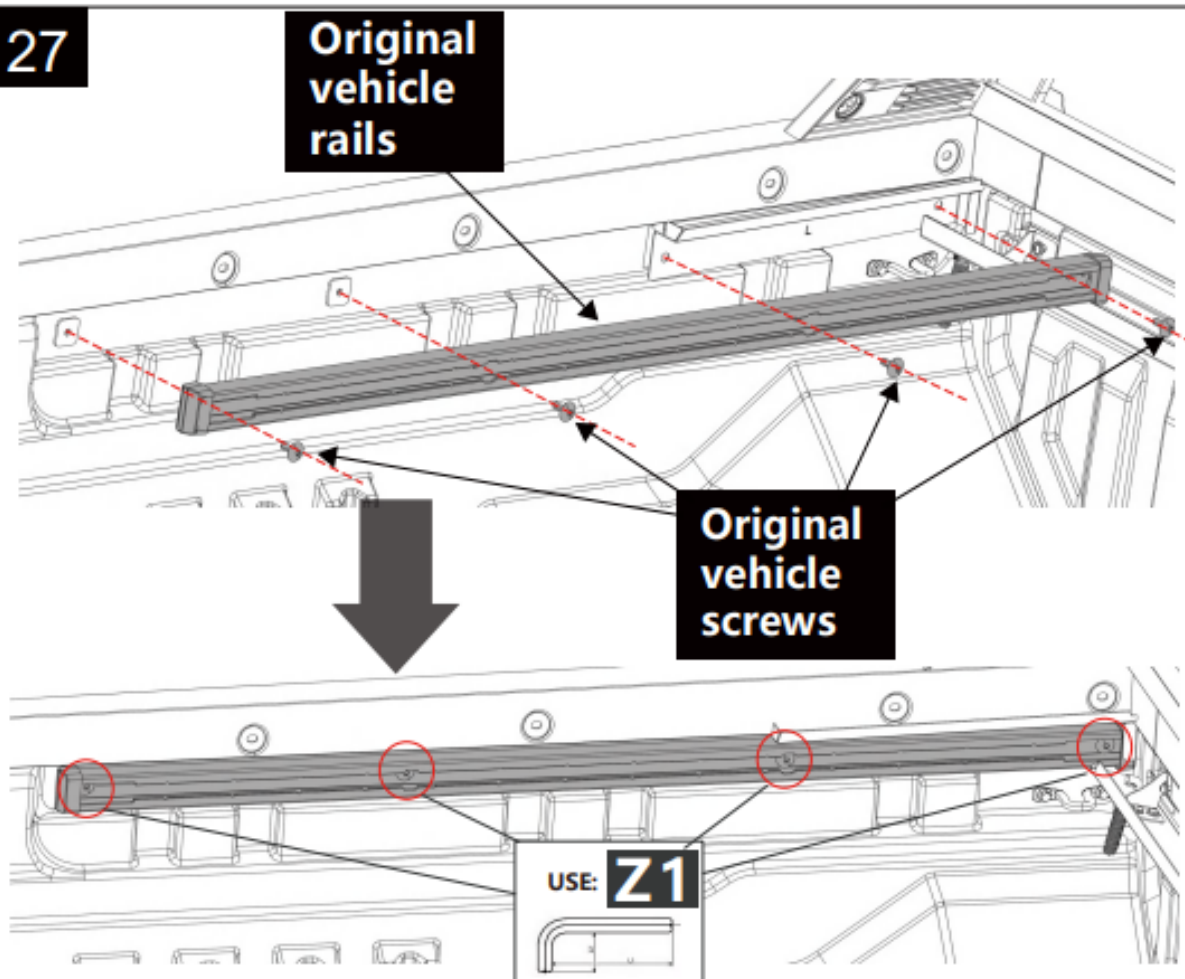
Install the (J) bottom water-catching bracket at the position of the side water-blocking foam on the bottom left and right sides of the front compartment. Repeat the same procedure on the right side.

26



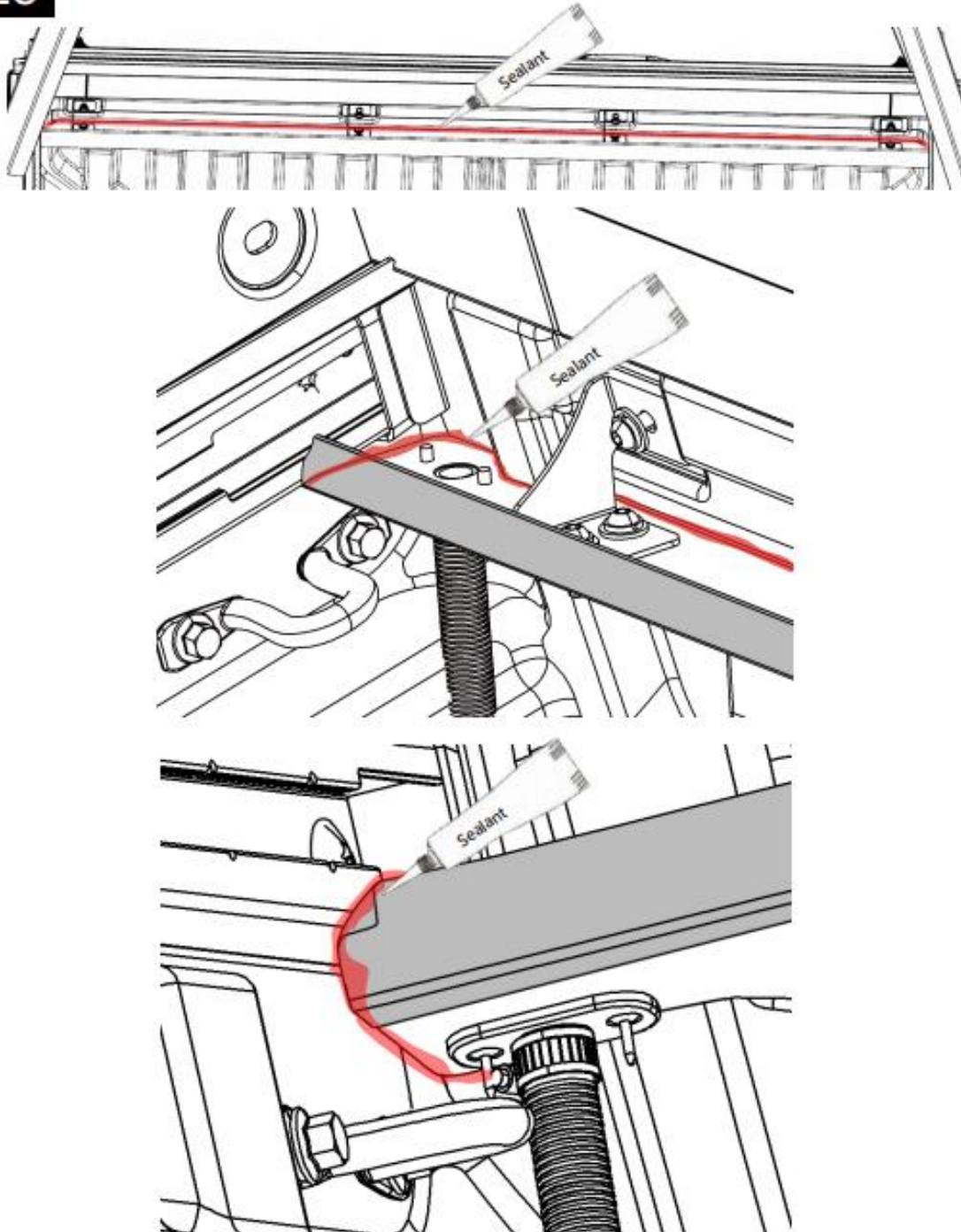
Install two (L) washers at each of the original seat rail screw holes on both sides. This ensures the installed rail remains level. Repeat the same procedure on the right side.

27



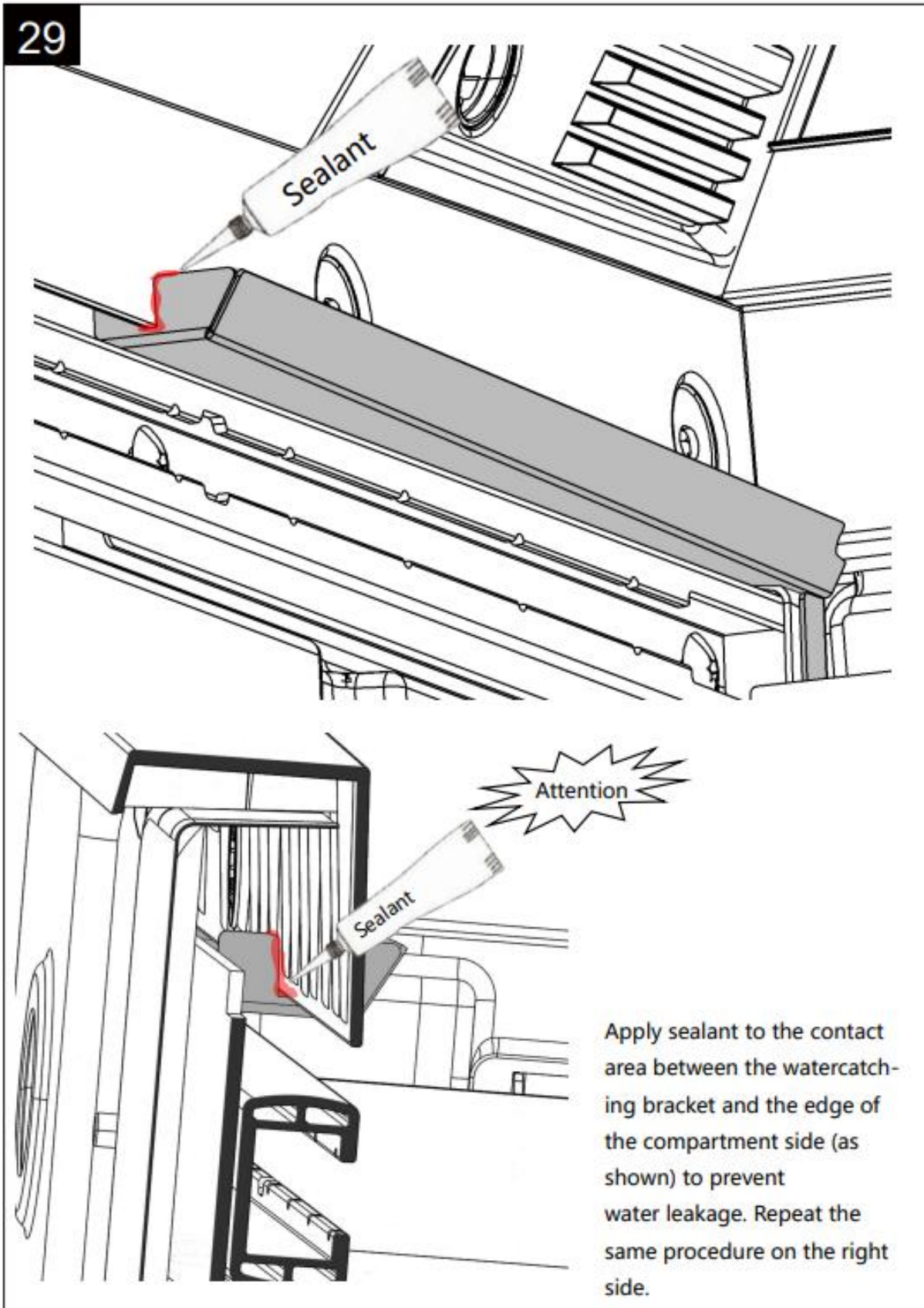
Install the original seat rails on both sides of the compartment using the original screws. Secure them with a (Z1) wrench. Repeat the same procedure on the right side.

28



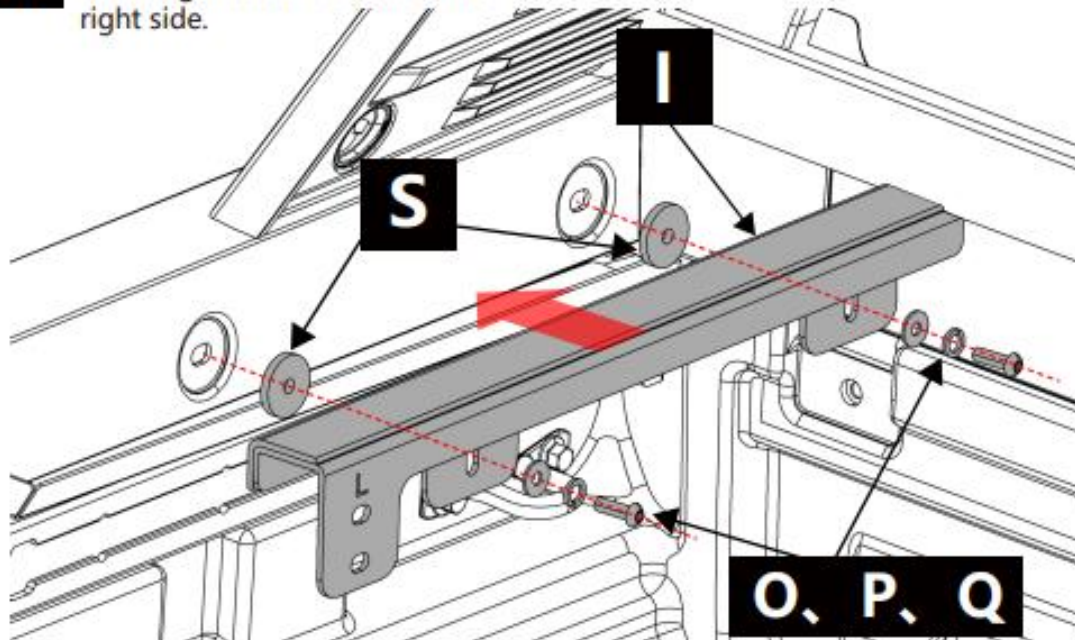
Apply sealant to all contact points between the front splash shield and the compartment (including the original seat rails) to prevent water leakage. Repeat the same procedure on the right side.

29

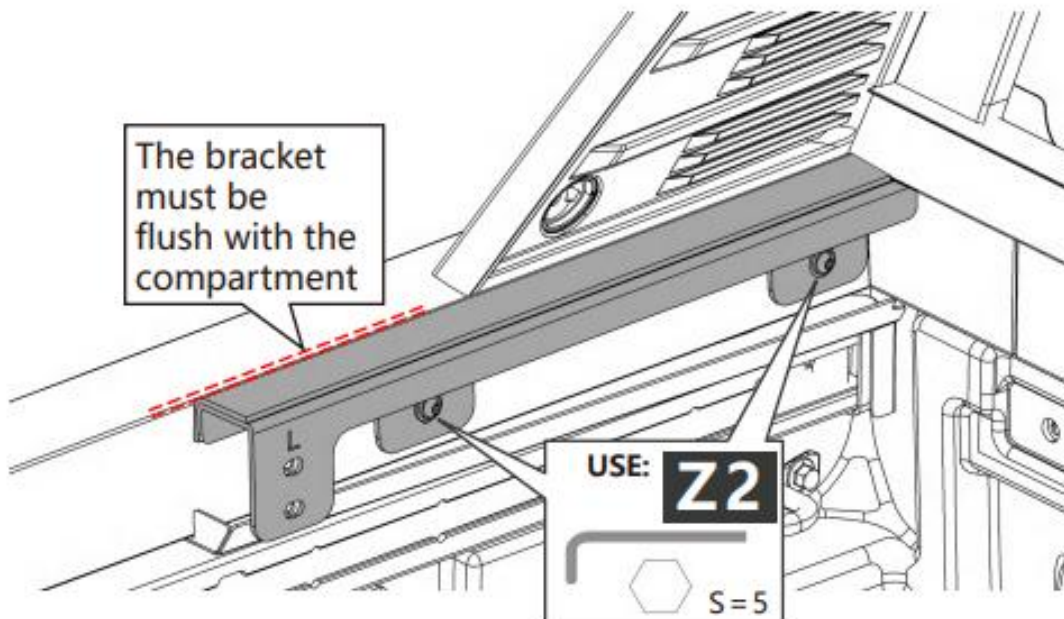


30

Install the front bracket as shown in the figure below. Same as the right side.



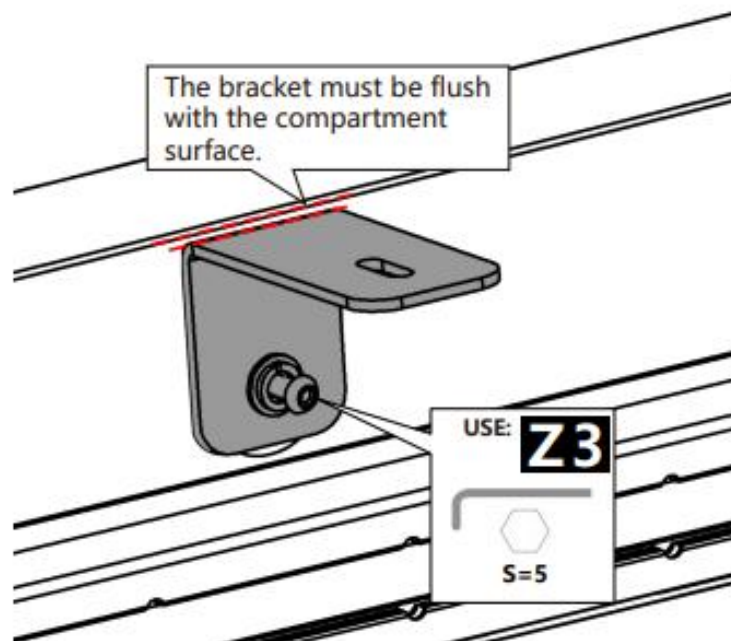
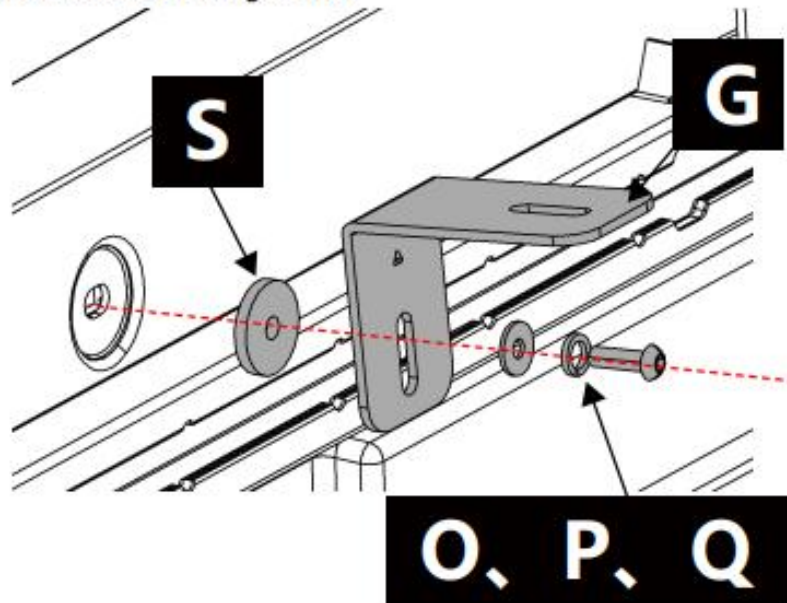
The bracket must be flush with the compartment



**Tips:** The front bracket screws can be tightened directly with a wrench at this stage, as it becomes difficult to tighten them further once the roller blind is lifted onto the truck.

Align the front bracket with the two original screw holes on the inner side of the compartment. Insert an (O) screw with a (Q) flat washer and a (P) spring washer through the (S) bracket spacer and (I) front bracket, then install it onto the compartment. Finally, tighten securely with a (Z2) hex wrench. Repeat the same procedure on the right side.

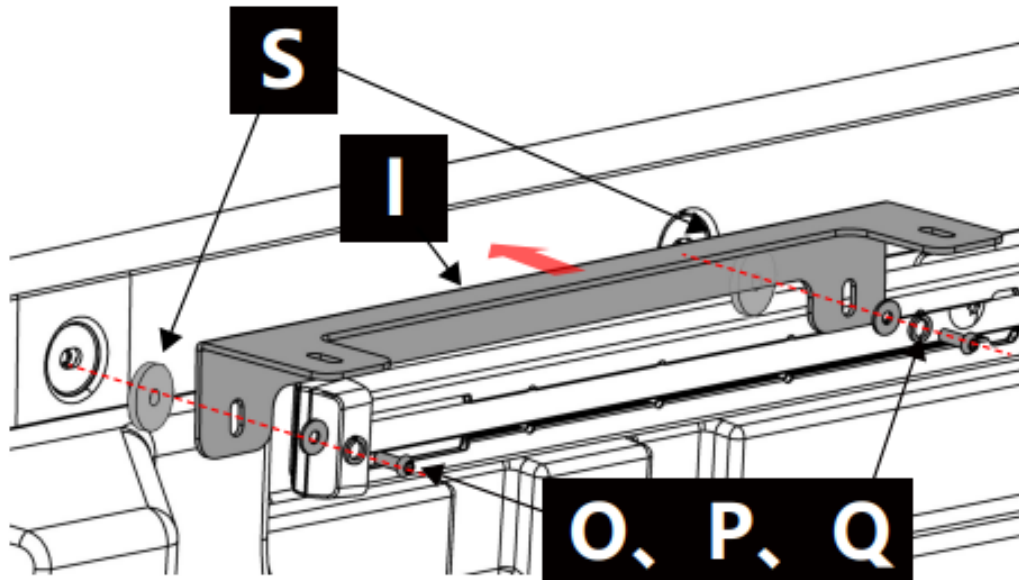
**31** Assemble the middle bracket, as shown in the picture, same as the right side.



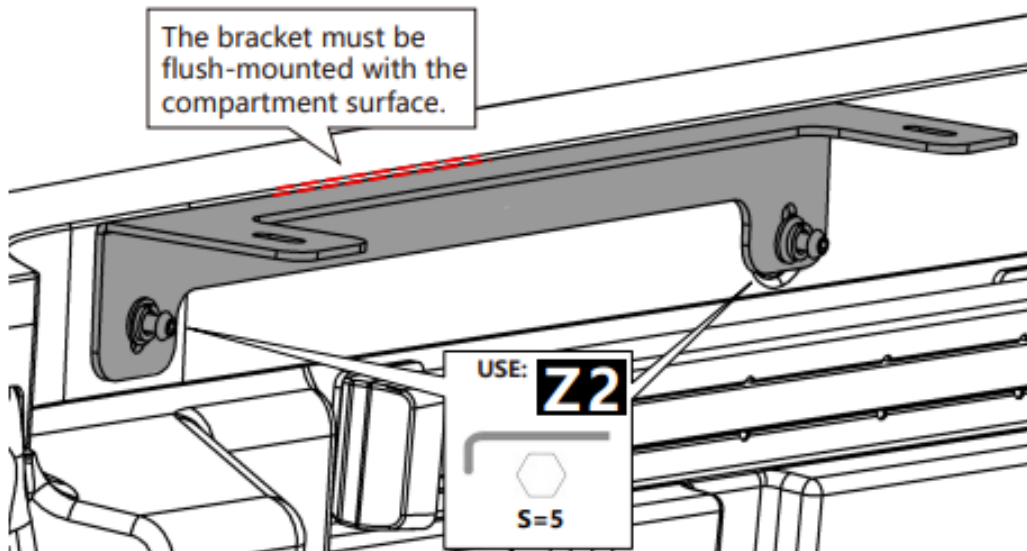
Align the center bracket with the original vehicle screw holes. Secure it to the compartment by passing an (O) screw with a (Q) flat washer and a (P) spring washer through the (S) bracket spacer and (G) center bracket. Tighten the screw with a (Z3) hex wrench. Same as the right side.

**Tips:** Do not fully tighten the screws at this stage to allow for subsequent adjustments.

**32** Assemble the rear bracket, as shown in the picture, same as the right side



The bracket must be flush-mounted with the compartment surface.



Align the rear bracket with the original vehicle screw holes. Secure it to the compartment by passing an (O) screw with a (Q) flat washer and a (P) spring washer through the (S) bracket spacer and (I) rear bracket. Tighten the screw with a (Z2) hex wrench. Same as the right side.

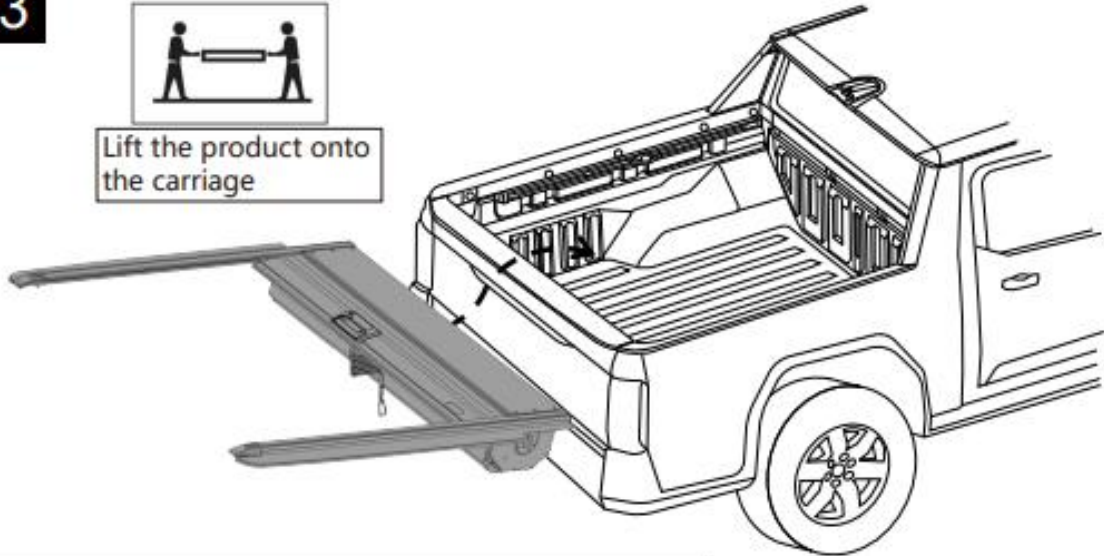
Tips: Do not fully tighten the screws to allow for future adjustments.

## 2.5 Product loading

33

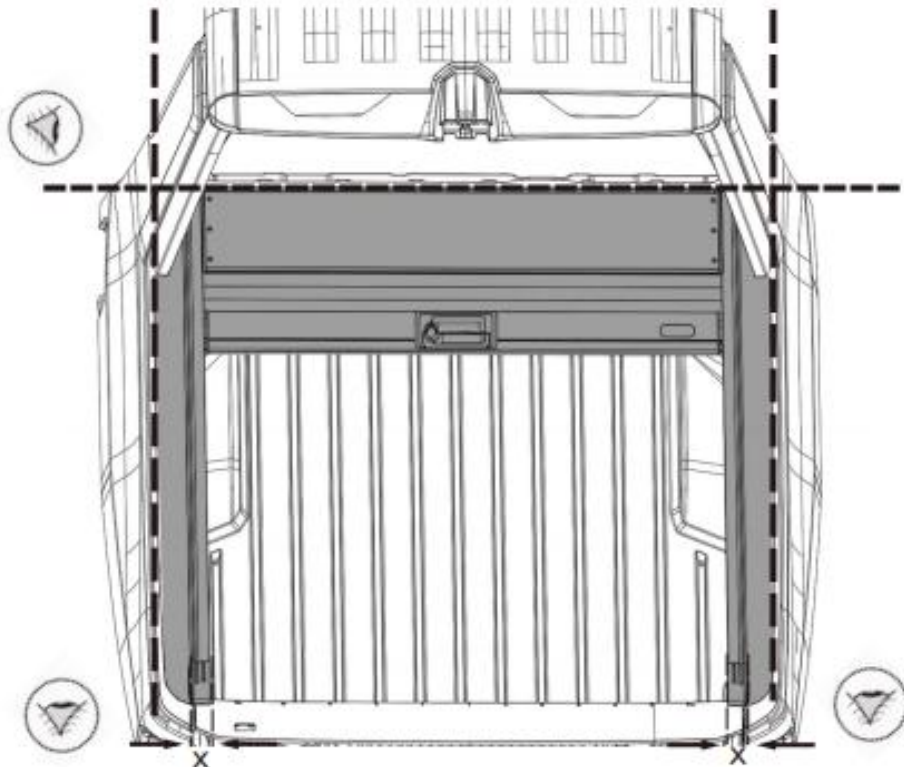


Lift the product onto  
the carriage



TIPS: Installation requires 2 people to lift the product onto the truck bed for safety of personnel and product. Please pay attention to avoid any scratch on vehicle and product surface.

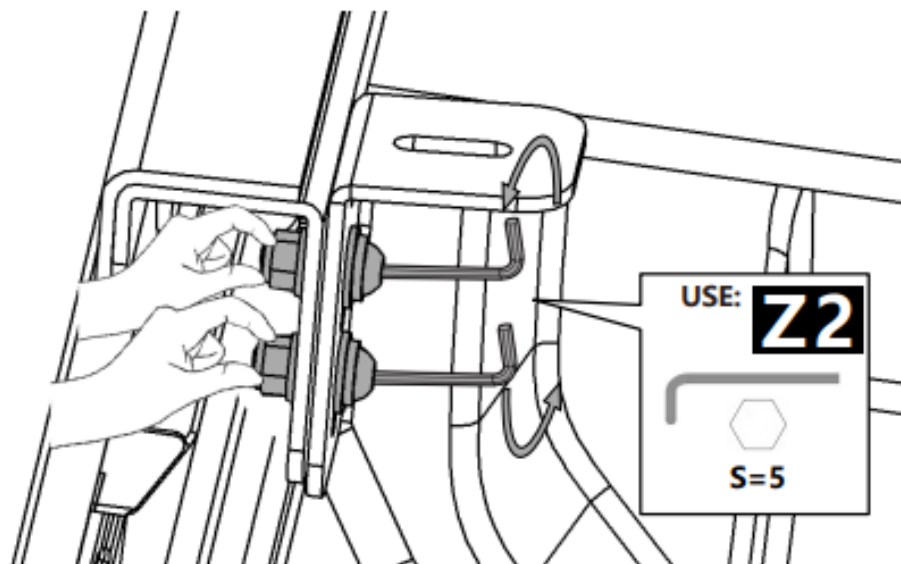
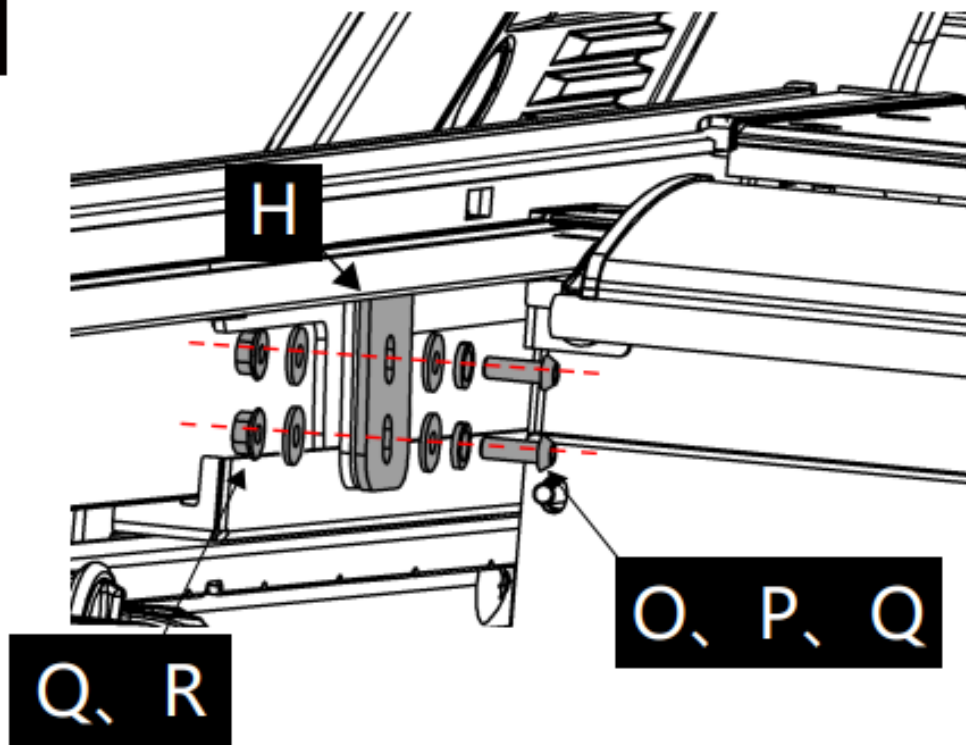
34



TIPS: If the end cap is not covered on the tailgate for 1-2cm, you need to move the cover backward slightly

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

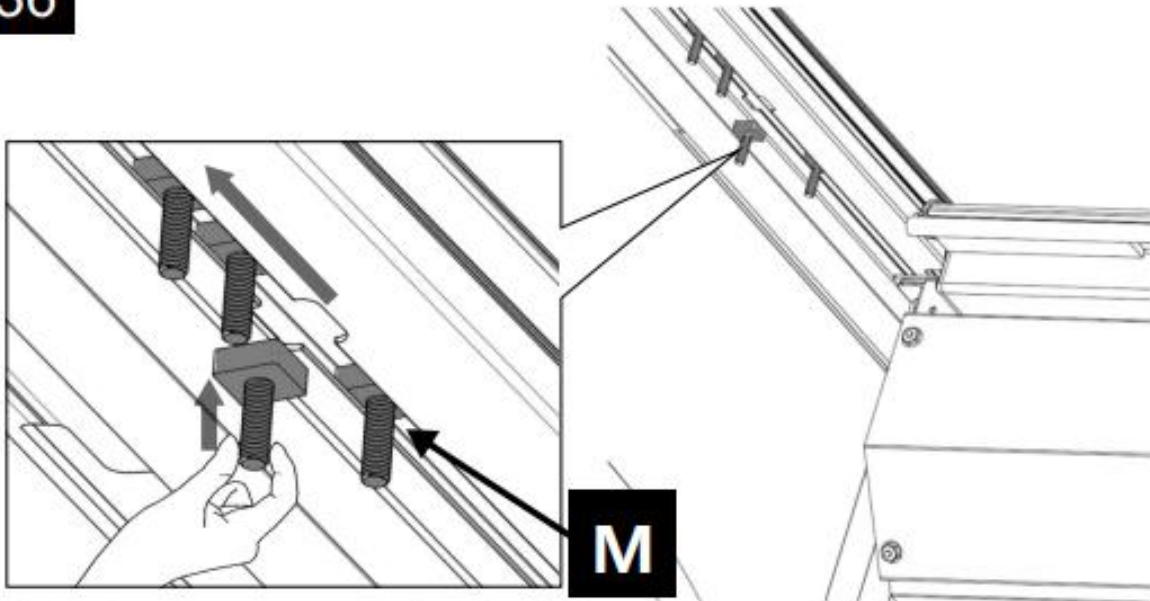
35



Install the small bracket onto the front bracket. Pass an (O) screw with a (Q) flat washer and a (P) spring washer through the (H) small bracket and the front bracket. Then assemble with an (R) nut and a (Q) flat washer. Manually hold the nut in place while tightening the screw with a (Z2) hex wrench to secure the small bracket to the front bracket. Repeat the same procedure on the right side.

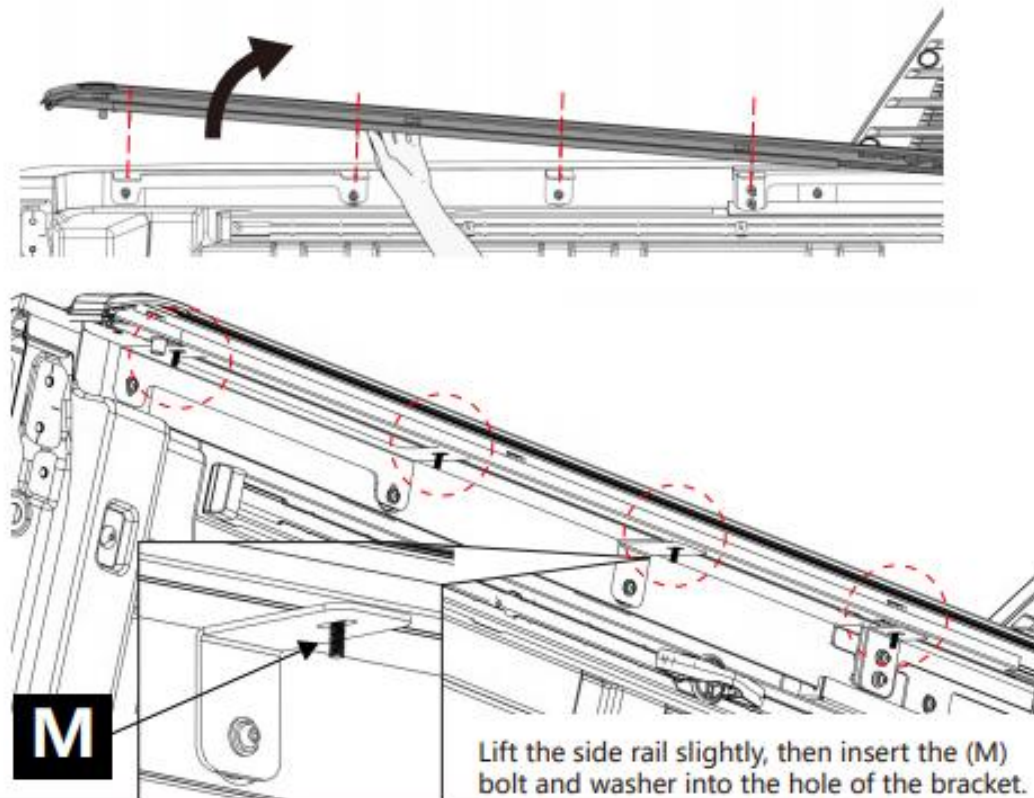
Tips: Do not fully tighten the screws to allow for future adjustments.

36



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

37



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

38

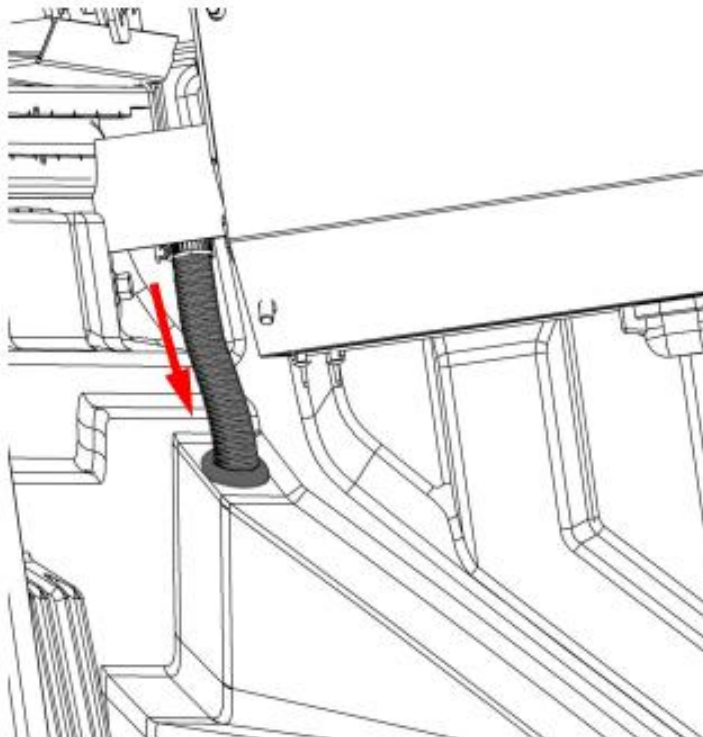


N

Assemble the (N) nut with the (M) bolt and washer. Hand-tighten only; do not fully secure at this stage.

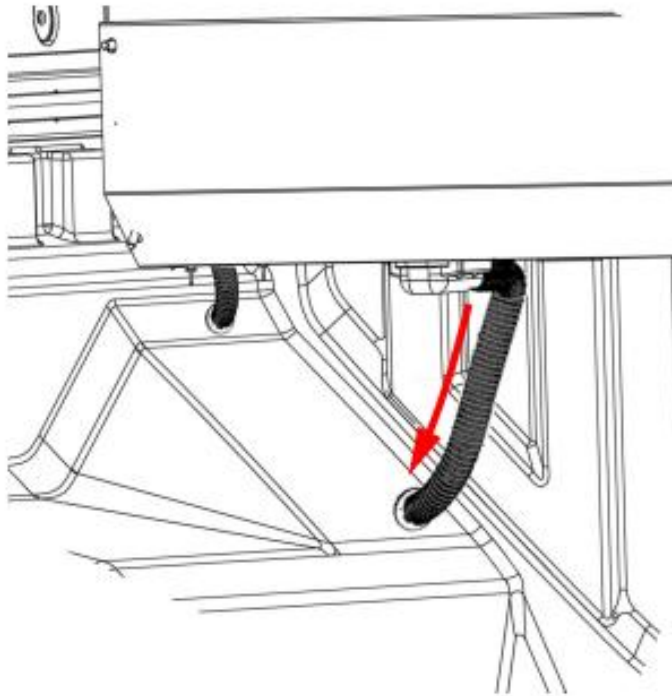
TIPS: Do not fully tighten, secure slightly to allow for adjustment of the side rail.

39



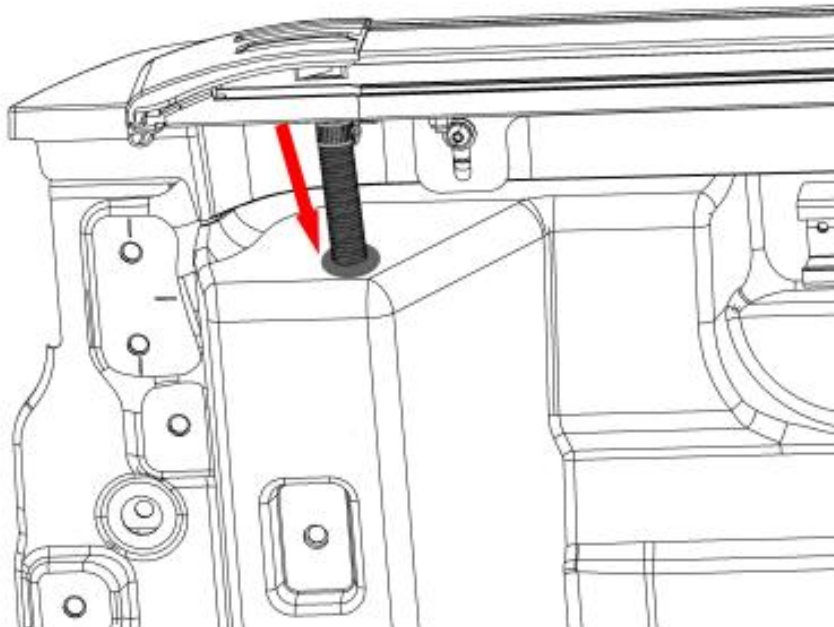
Insert the drain tube of the front splash shield through the rubber grommet to extend it outside the compartment. Same as the right side.

40



Insert the cabinet drain tube through the rubber grommet to extend it outside the compartment. Same as the right side.

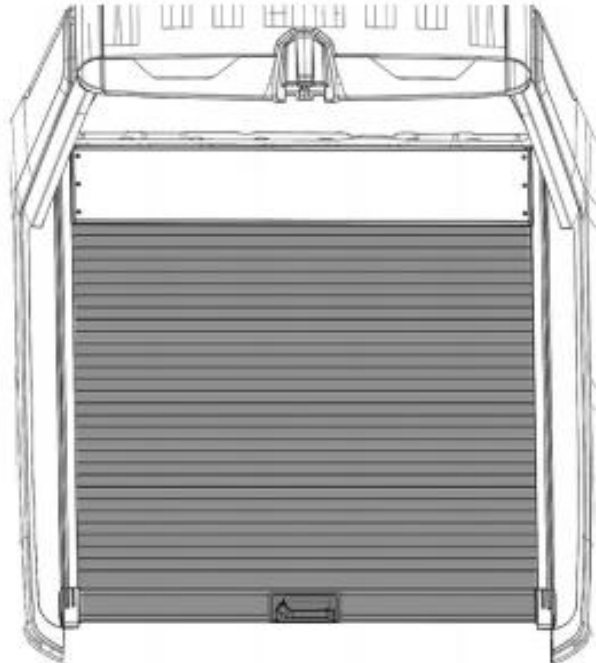
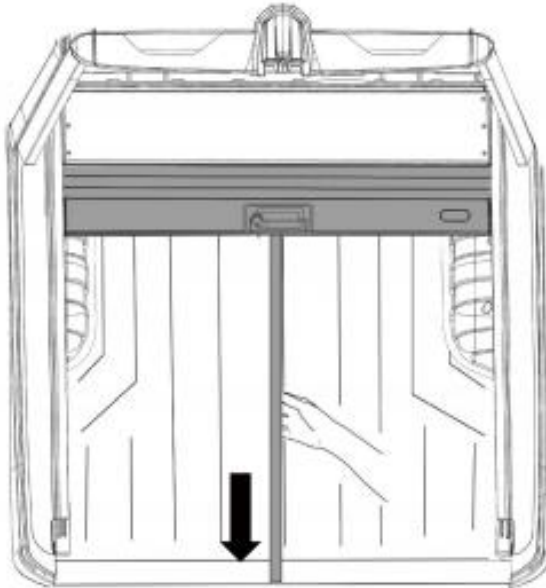
41



Insert the front drain tubes of the left and right side rails through the rubber grommets to extend them outside the compartment.

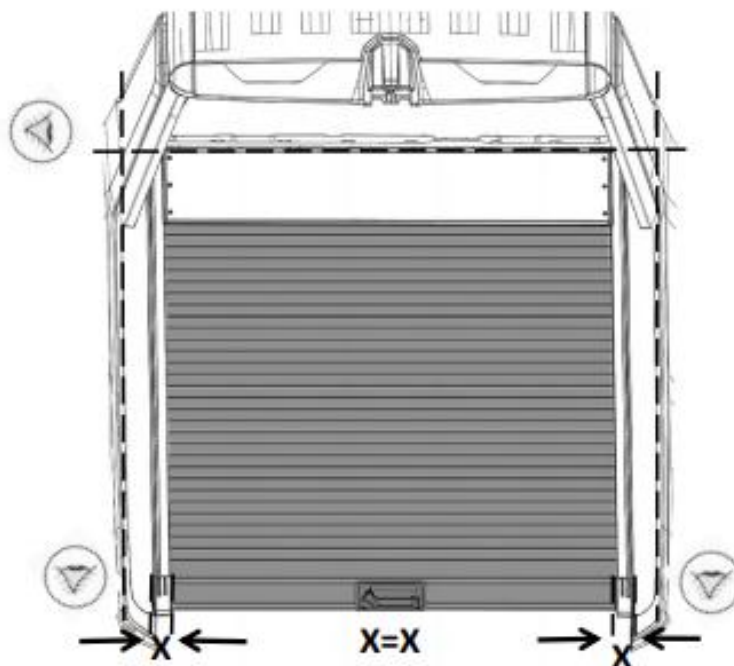
## 2.6 adjustment/inspection (Gage M4 or U).

42



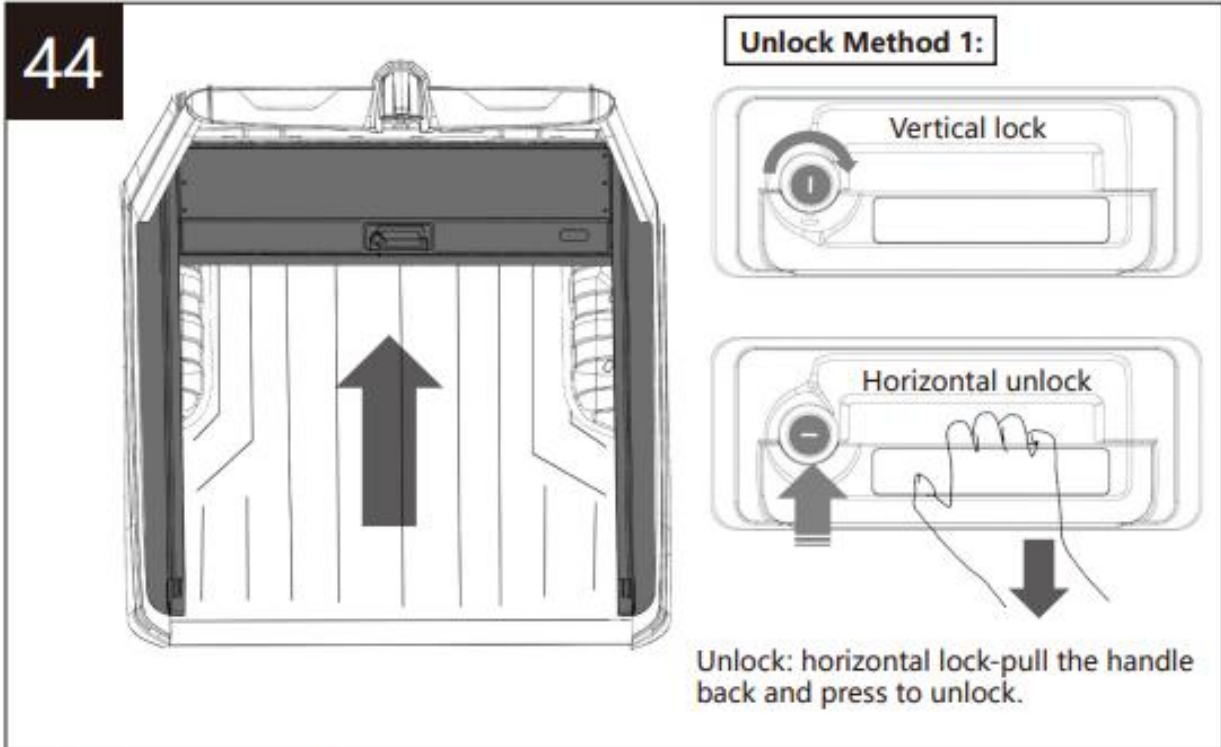
Pull the pull rope at the end of the product door to close the product shutter.

43



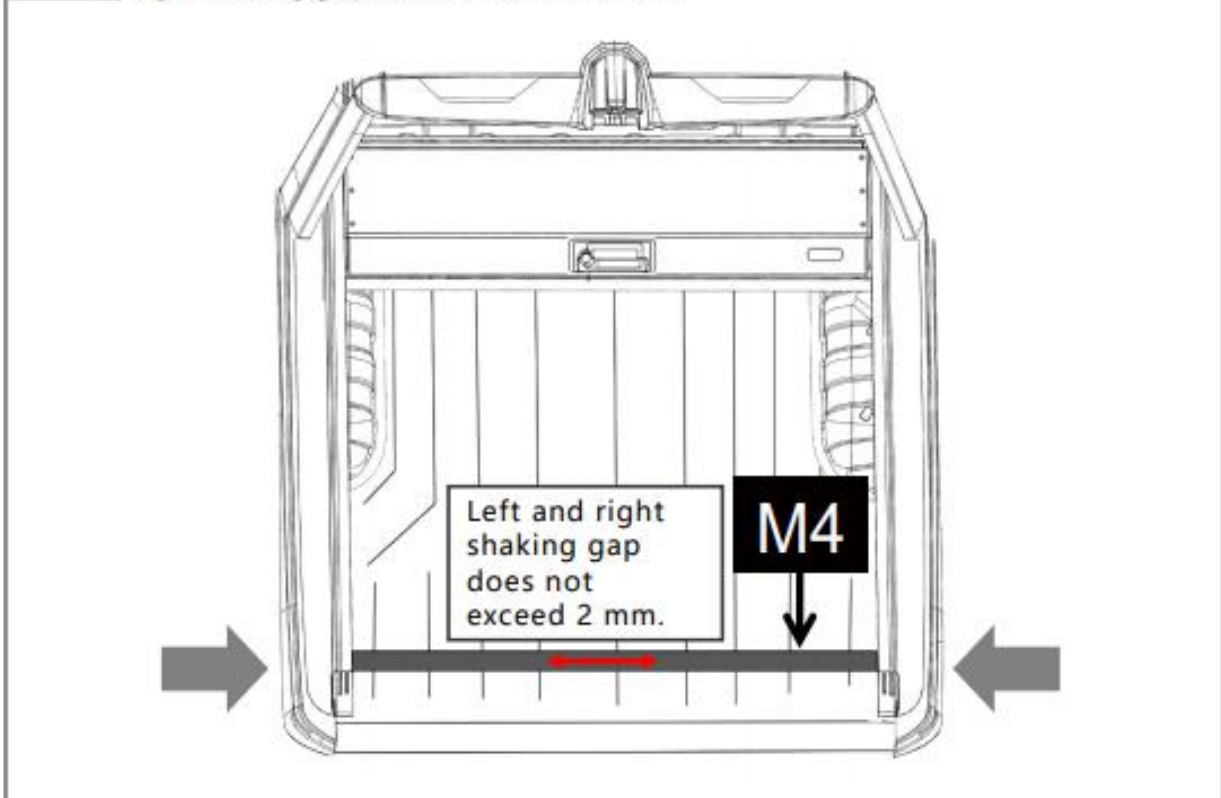
TIPS: If the back end of the product is not on the tail door 1CM-2CM, you need to move the shutter less backward.

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

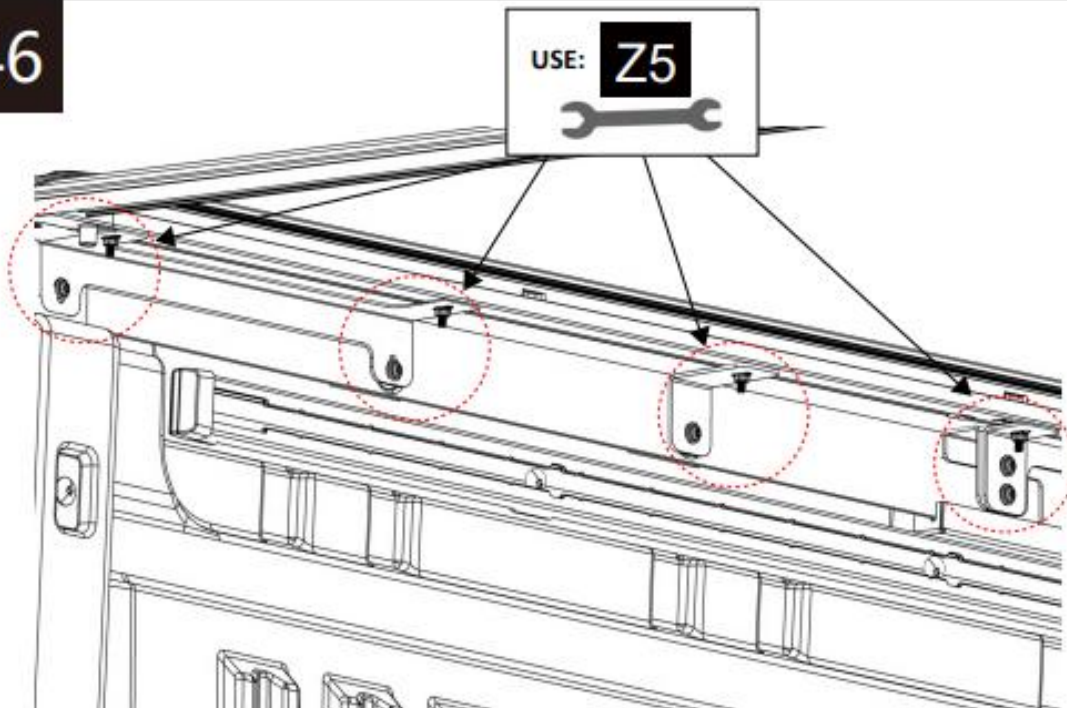


Option 1: Accessories M4

**45** 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.



46



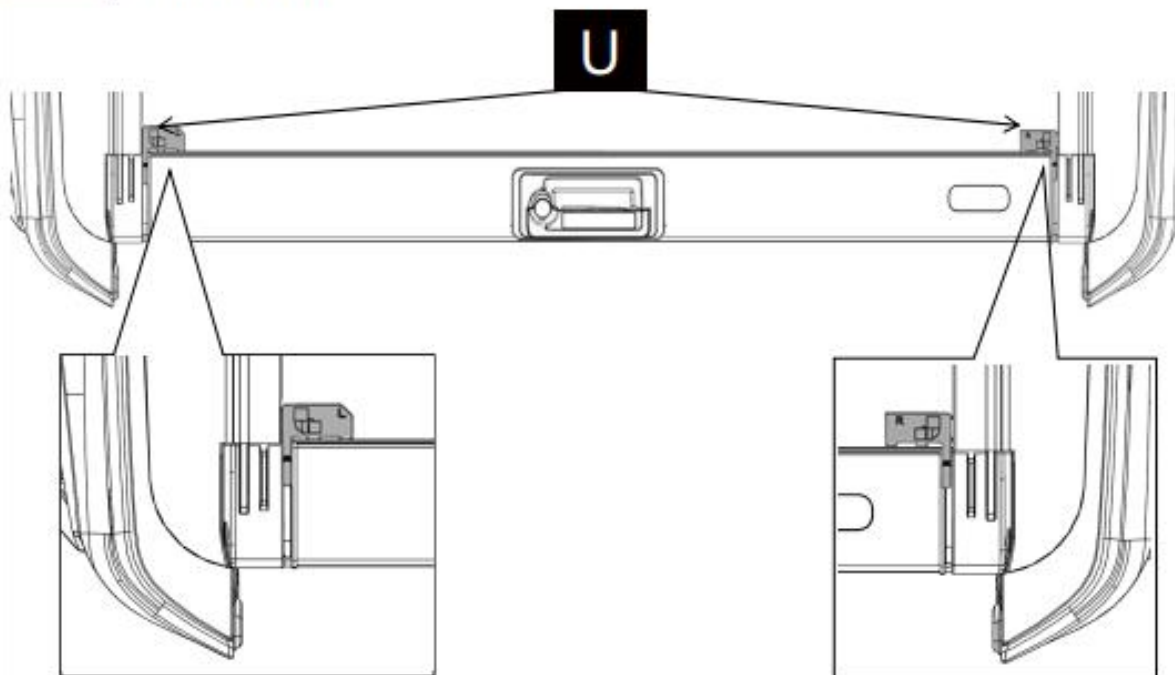
After tightening the bolts, remove the (M4) adjusting lever.

Tighten all bracket nuts using (Z5) wrenches.

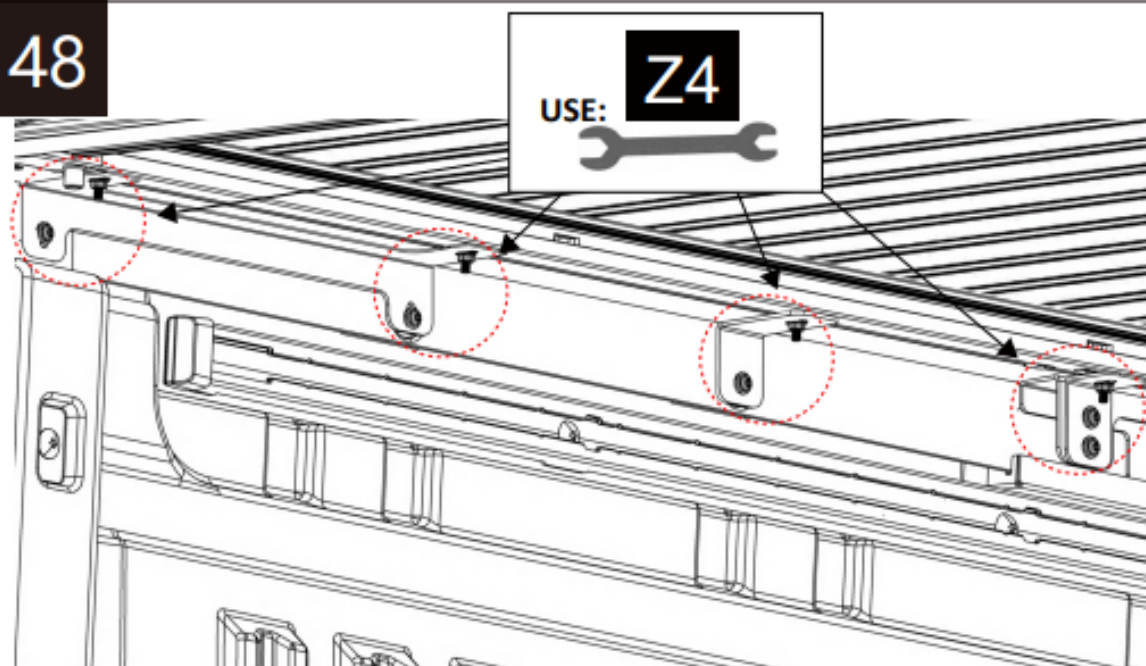
### Option 2: Accessories U

47

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.



48

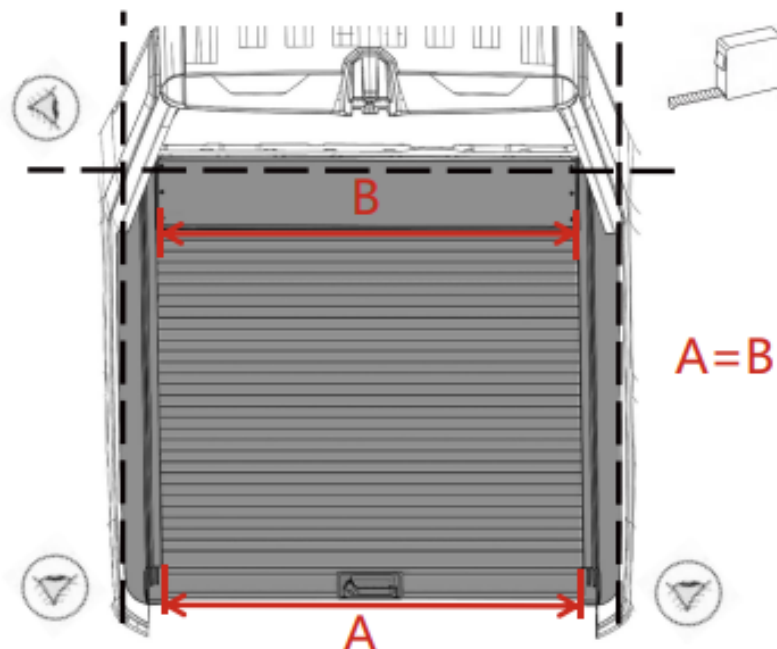


After securing the nuts to the rear brackets on both sides, remove the fixture (U) and open the shutters.

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.**

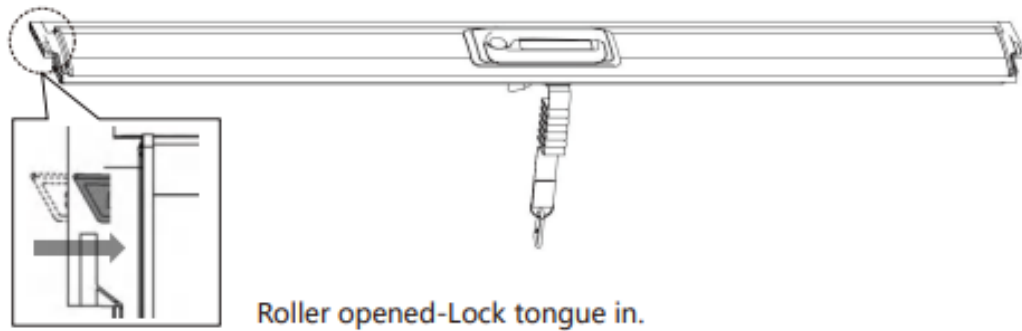
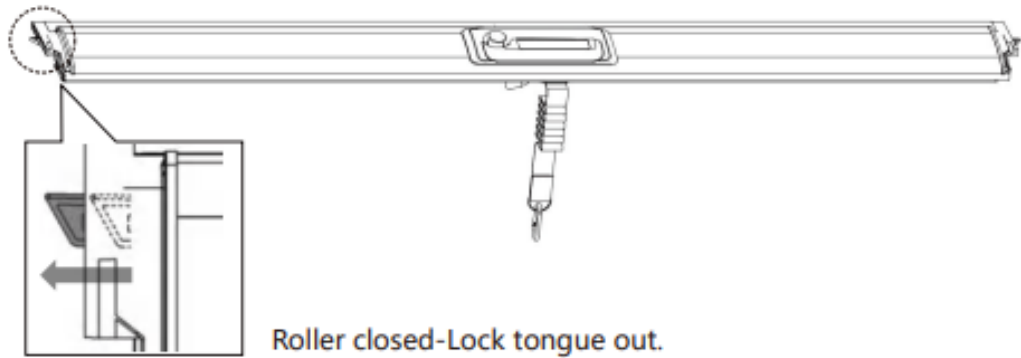
49



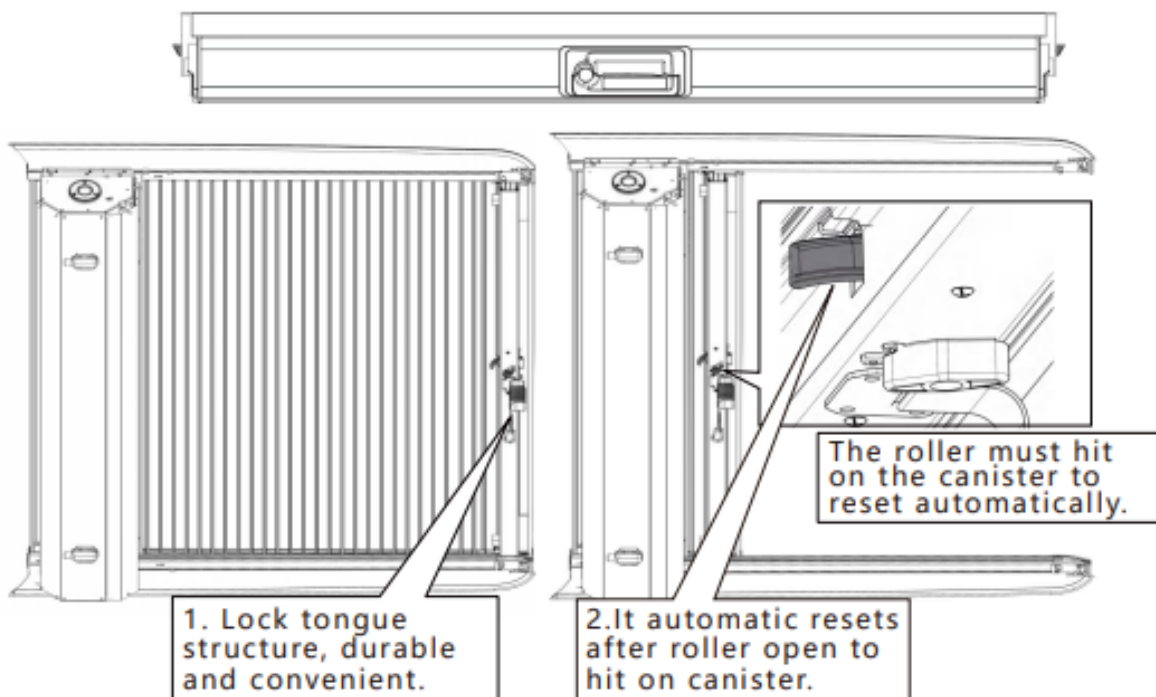
Make sure all the bolts are tightened, close the shutter, observe whether the product is parallel, can use a ruler to measure the gap between the front end and the back end of the product is consistent, the difference is within 2 mm is the best state.

## 3. Product Introduction

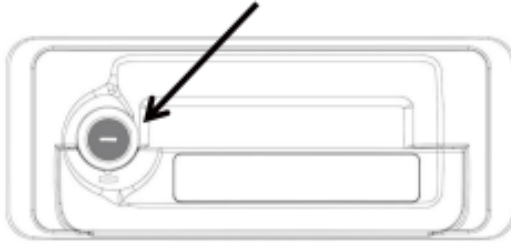
### 3.1 Manual Lock Introduction.



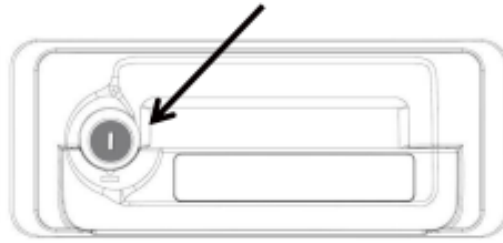
### 3.2 Benefits.



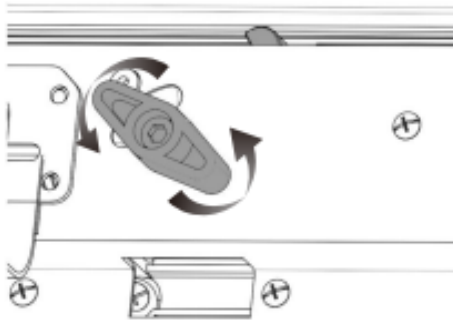
### 3.3 Manual lock operation.



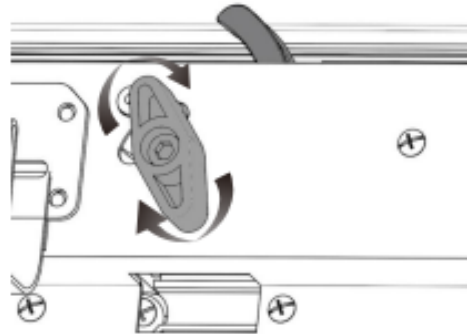
1.Unlock: Horizontal key-hole--Pull the handle backward and press to unlock.



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.

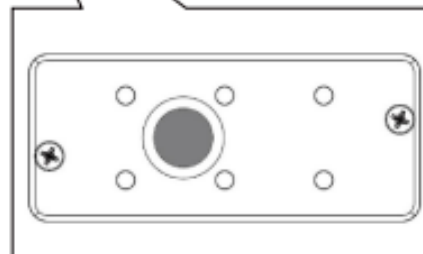
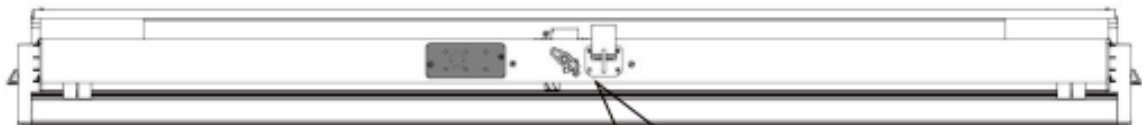
### 3.4 Function Introduction.



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



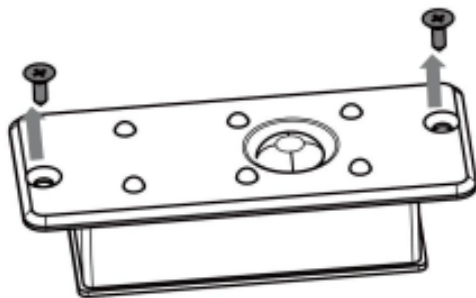
### 3.5 LED Light.



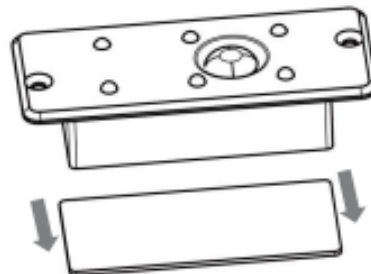
#### Operation:

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.

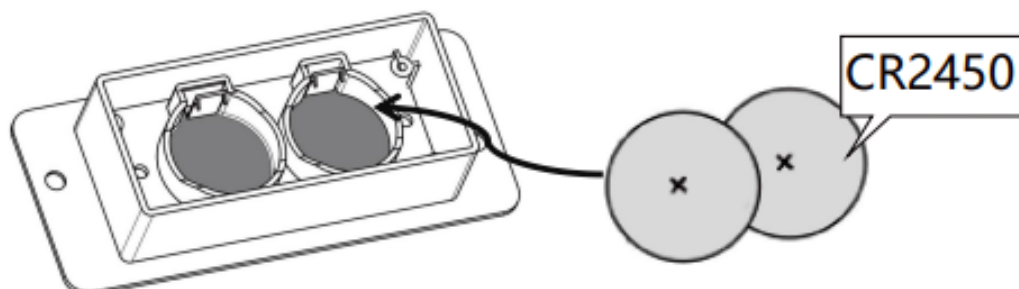
#### Change the batteries for LED Light:



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




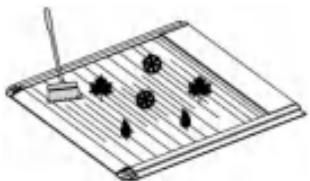
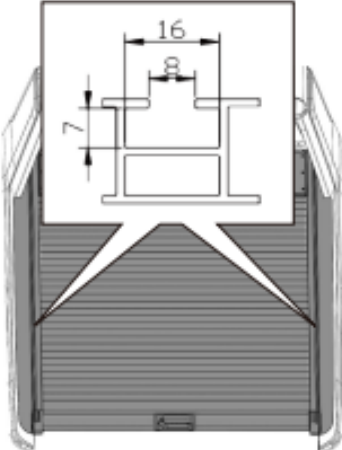
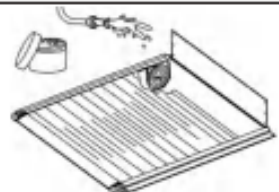
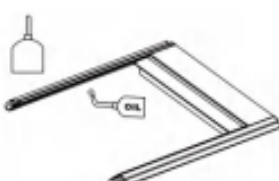
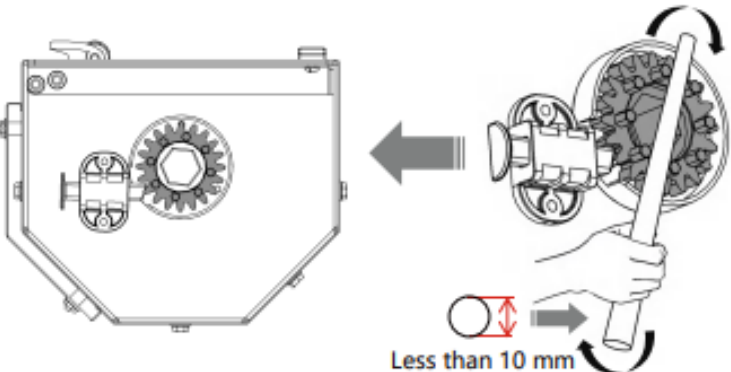
Unfasten the screws under the light box.






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.		1. Use the installation gauges. 2. Adjust the side bar installation to make sure the front and rear distance are the same. 3. Pull the roller out completely and measure the gap between tailgate bar and side bar ends, gap between 7-8mm is the best. 4. Check if the side bar is deformed by the pressure of other heavy load parts. 5. Adjust the brackets of side bar installation, to make sure the side bars are parallel to the roller.
2	Abnormal sound-4 short	No Hall signal detected.		1. Unplug and replug the controller connector as well as the motor. 2. Replace the controller or motor.
3	The remote key can not control the cover	1.The cover not power on. 2.Low battery in the remote key. 3.Unmatched code with controller.		1. 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 is burnt out. 2. Check if the indicator on remote key is obviously dimmed or no light when you press the button, then replace battery. 3. Do code match for the remotes.

## **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