



AUTOMOTIVE ACCESSORY
MANUFACTURE & DISTRIBUTION

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FITTING INSTRUCTIONS FIT1321

PLEASE READ INSTRUCTIONS COMPLETELY BEFORE INSTALLATION

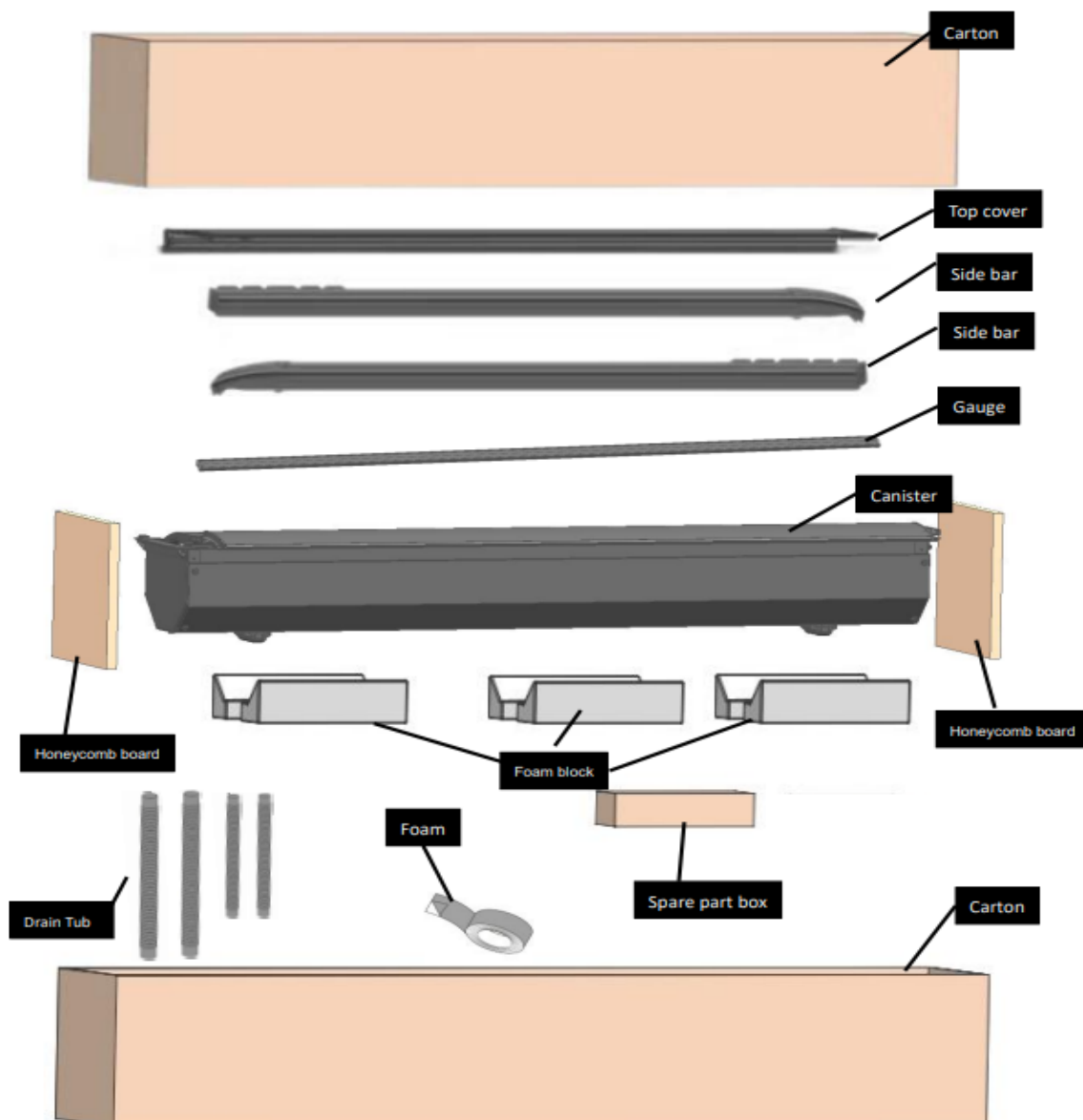
ROLLING LID FORD RANGER 2022+

RL120E-P

MADE IN NEW ZEALAND

**READ COMPLETE INSTRUCTION BEFORE CARRYING OUT
THE INSTALLATION.**

THERE ARE DIFFERENT BRACKETS IN THIS KIT FOR
DIFFERENT MODELS. CHOOSE CORRECT BRACKETS AND
INSTRUCTIONS TO FOLLOW FOR YOU MODEL.



Accessories List			
1  Canister*1	2  Side Bar(L/R))	3  Top Cover*1	4  Gauge*1
5  Cap washer*10	6  Screw Cap*10	7  M5*7 Screw*10	8  Remotes*2
9  Big Rubber Washer*2	10  Small Rubber Washer *2	11  front end rubber stopper*2	12  Foam*1
13  Big Horse Clamp*2	14  Big Drain Tube*2	15  Lubricant*1	16  Cable Ties*20
17  Front Button Extension Cable*1	18  Power Cable*1	19  Factory Key Control Signal Cable*2	20  Smart Driver Button Control*1
21  Sealant*1	22  Hole Opener*1	23  M6*12 Screw*6	24  M6 Washer*6
25  spanner*1	26  Tool*1	27  M6*20 Screw*6	28  M6 nut*16
29  Front Brackets1 (L)*1	30  Front Brackets1 (R)*1	31  Rear Brackets(L)*1	32  Rear Brackets(R)*1
33  Front Brackets ②*2	34  Rear Brackets ②*2	35  Rear Iron Brackets(L)*1	36  Rear Iron Brackets(R)*1
37  Front cotton pad ①*2	38  Front cotton pad ②*2	39  M6*20 Screw*12	40  M6 flat Washer*12
41  M6 Spring Washer*12	42  D25*5.0 Rear bracket small pad*2	43  Rear bracket screw hole sleeve*2	44  M8*40 screw with washer*2



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45 Tailgate waterproof bracket (L)*1	46 Tailgate waterproof bracket (R)*1	47 M6*30 screw *8	48 M6*18*1.5 flat washer *8
49 Front bracket ②(only for ranger XLT)*2	50 big pad *2	51 big pad foam *2	52 Front bracket L(only for ranger XLT))*1
53 Front bracket R(only for ranger XLT)*1	54 Front bracket L foam(only for ranger XLT) *1	55 Front bracket R foam(only for ranger XLT) *1	56 small pad *2
57 small pad foam*2	58 Front bracket ①*2	59 Front bracket ③(only for Ranger with sliding rail)*4	60 Bracket pad(only for Ranger with sliding rail)*4
61 Pad *4	62 M8*20 screw *4	63 M8*16*1.5 flat washer *4	64 M8 spring washer*4

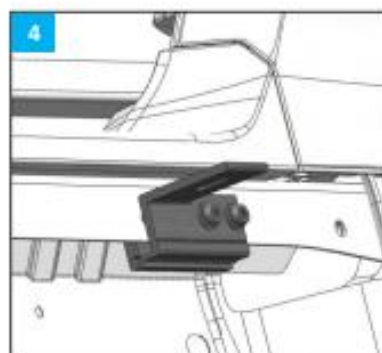
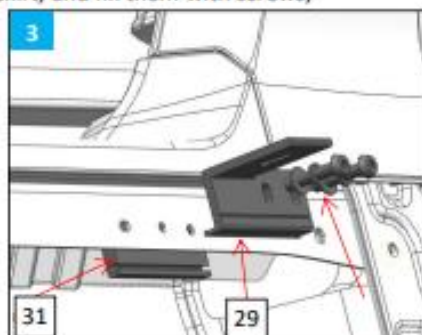
1.Installation

Ranger wildtrak version installation method

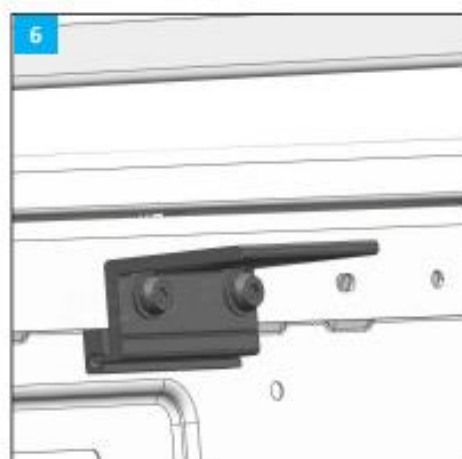
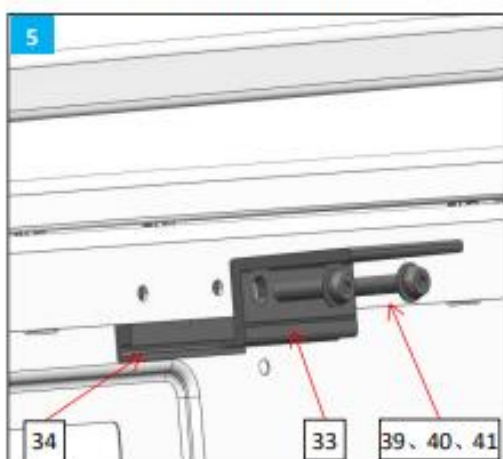
1.Paste front waterproof foam. Stick the black foam onto the front surface of the truck bed



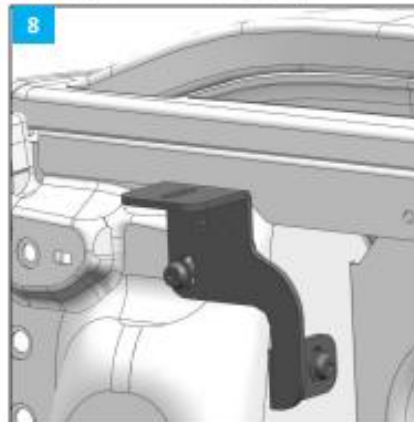
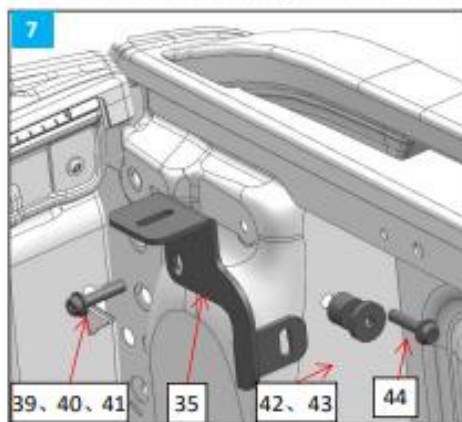
2.Install the front bracket, align the front and rear aluminum clips of the front bracket with the holes on the car skirt, and fix them with screws;



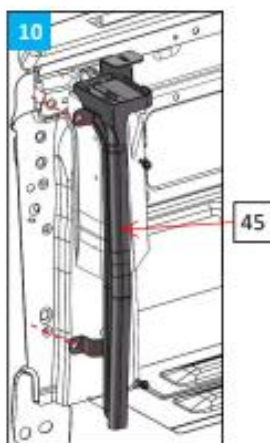
3.Install the middle bracket, align the front and rear aluminum clips of the middle bracket with the holes on the car skirt, and fix them with screws



4. Install the rear bracket, align it with the hole at the rear of the trunk, and fix it with screws;

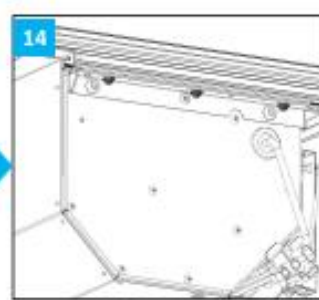
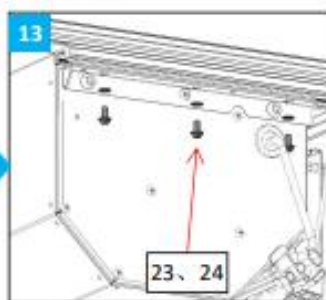


5. Install the rear waterproof bracket, remove the two screws at the red circle, and fix the waterproof bracket with the original car screws

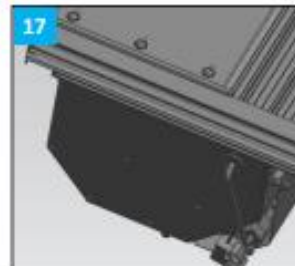


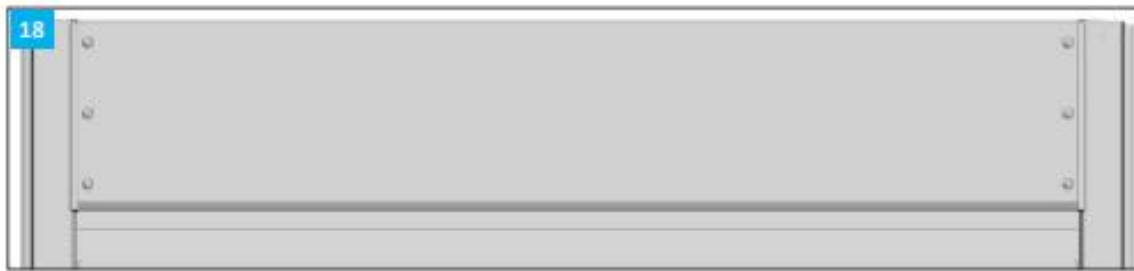
2. Product assembly

1. Connect the side bars to the canister with screws

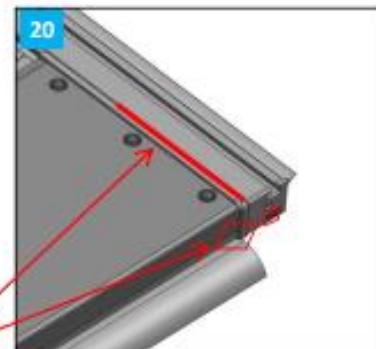
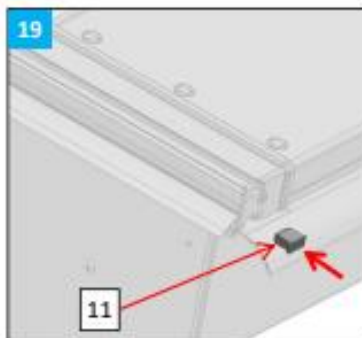


2. Install top cover plate with screws



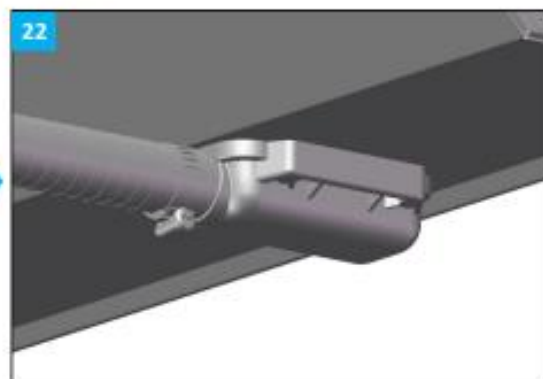
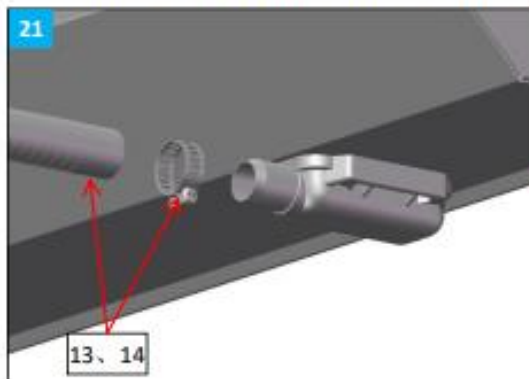


3. Install the front end rubber stopper and seal the end joint with sealant

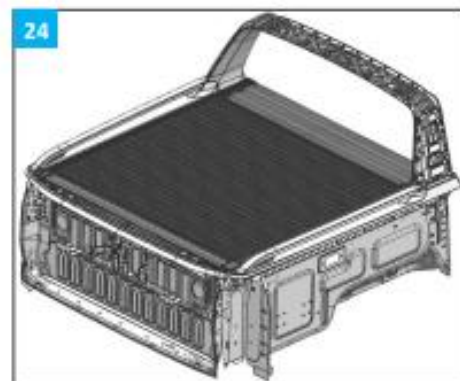
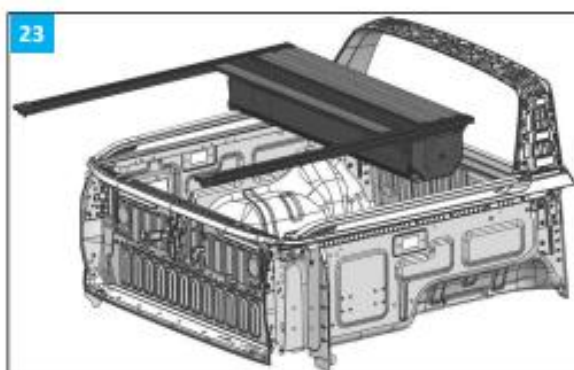


Apply sealant

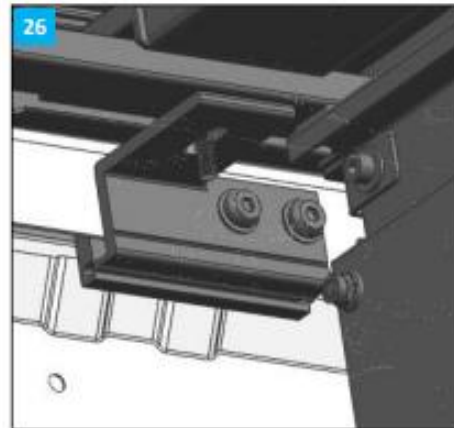
4. Install the two big drain tubes on the bottom of the drain trough



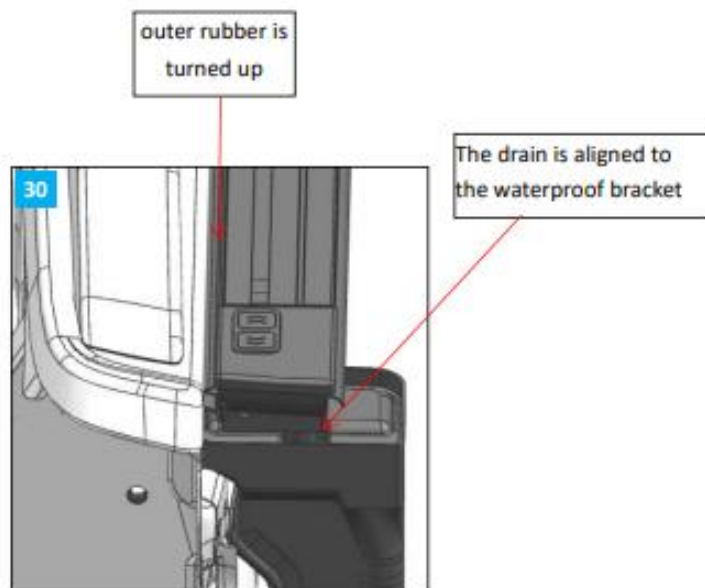
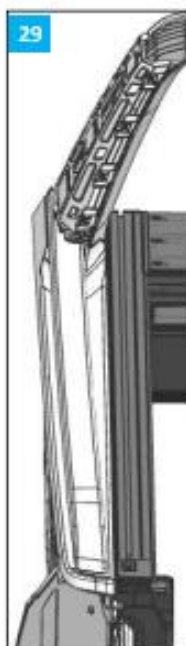
5. Lift the product onto the truck bed



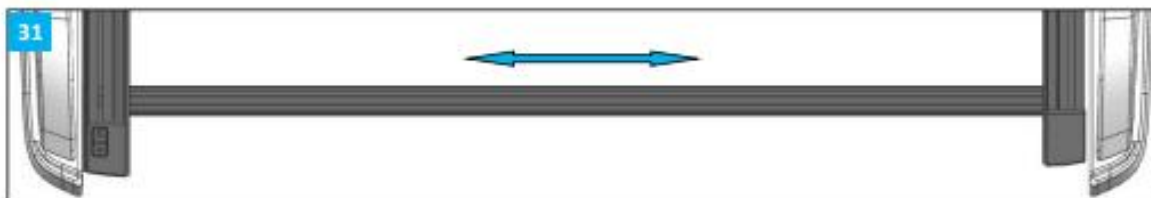
6. Insert the bolt from the bottom of the side bar and move it into the bracket hole



7. Adjust the outer side of the side bar, so that the outer side of the tape upward way squeeze the edge of the car. The side bar tail drain is aligned to the waterproof bracket



8. Adjust the distance between the left and right side bar, insert the two ends of the gauge into the side bar groove, shake the gauge, adjust the side bar to ensure that the gap does not exceed 2mm, and then lock all brackets



9. Fix the side bar on the bracket with M6 nut

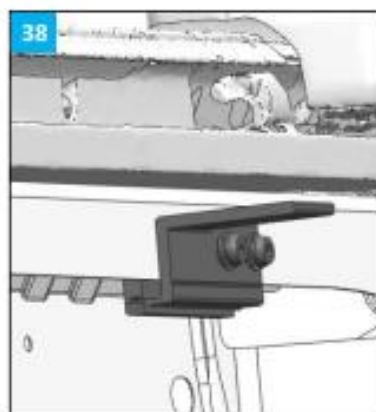
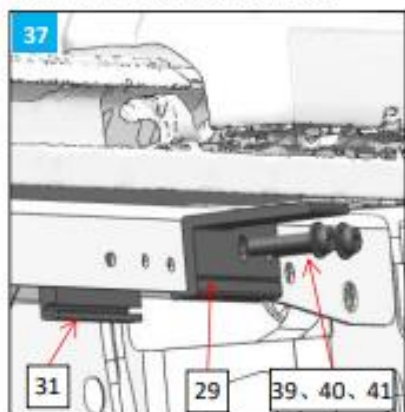


10. After connecting the power supply, operate the tonneau cover to check if the installation is correct

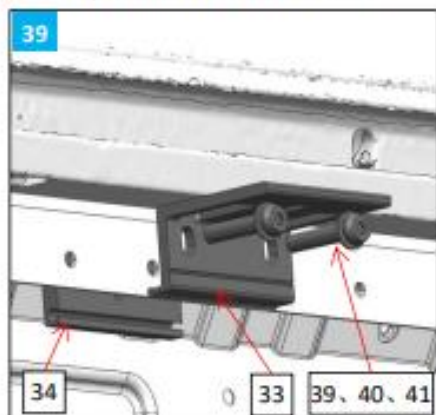


Stormtrak version installation method

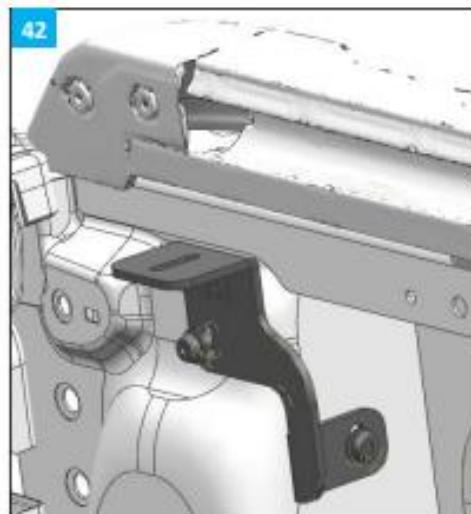
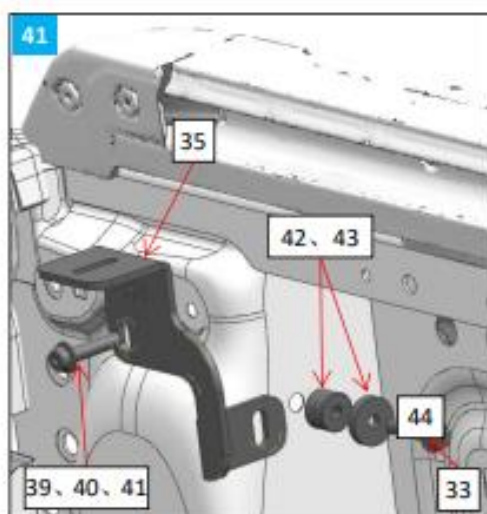
1. Install the front bracket, align the front and rear aluminum clips of the front bracket with the holes on the car skirt, and fix them with screws;



2. Install the middle bracket, align the front and rear aluminum clips of the middle bracket with the holes on the car skirt, and fix them with screws



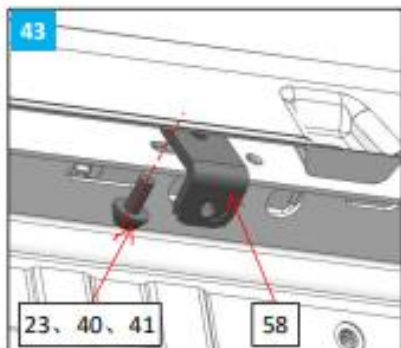
3. Install the rear bracket, align it with the hole at the rear of the trunk, and fix it with screws;



4. Install the rear waterproof bracket, refer to Figures 9- 11 above, and finally install the tonneau cover.

Ranger XLT version installation method

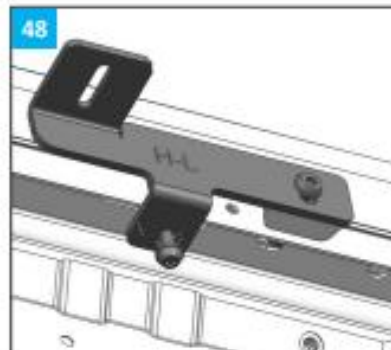
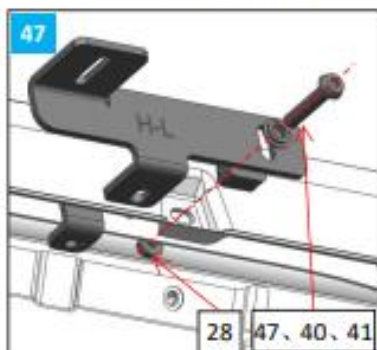
1. Install the small bracket, align the front bracket with the hole on the car skirt, and fix it with screws



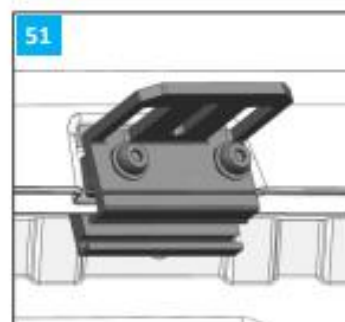
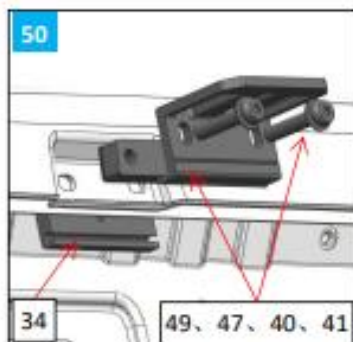
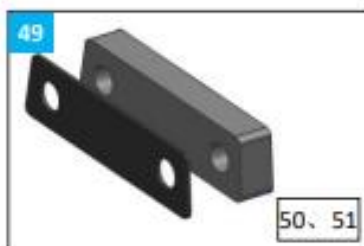
2. Paste bracket foam



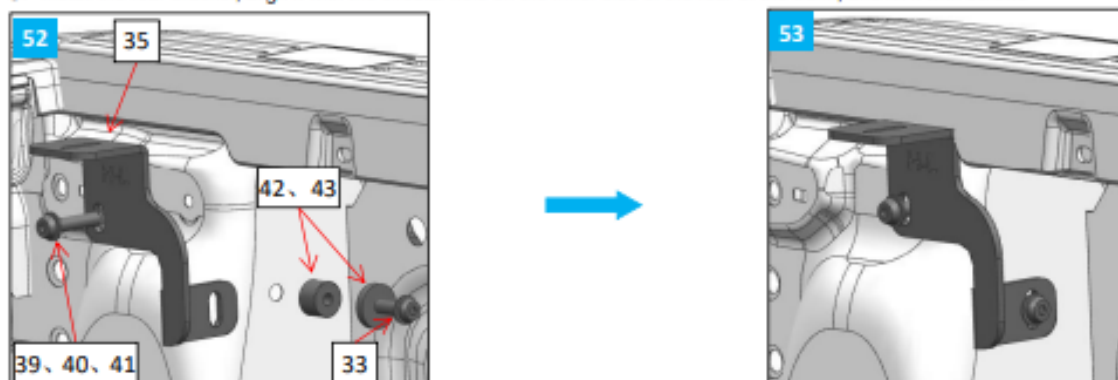
3. Install the front bracket



4. Install the middle bracket, align the front aluminum clip of the middle bracket with the hole on the car skirt, and fix it with screws



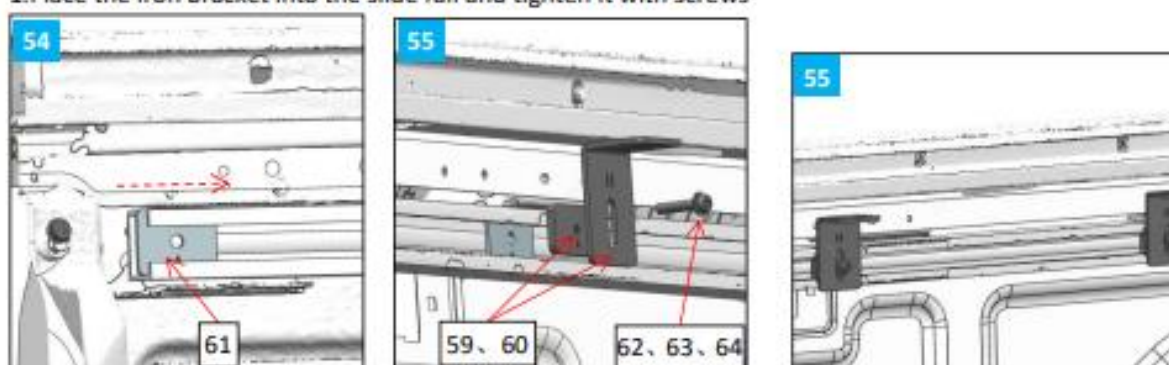
5. Install the rear bracket, align it with the circular hole on the inner side of the rear of the trunk, and fix it with screws



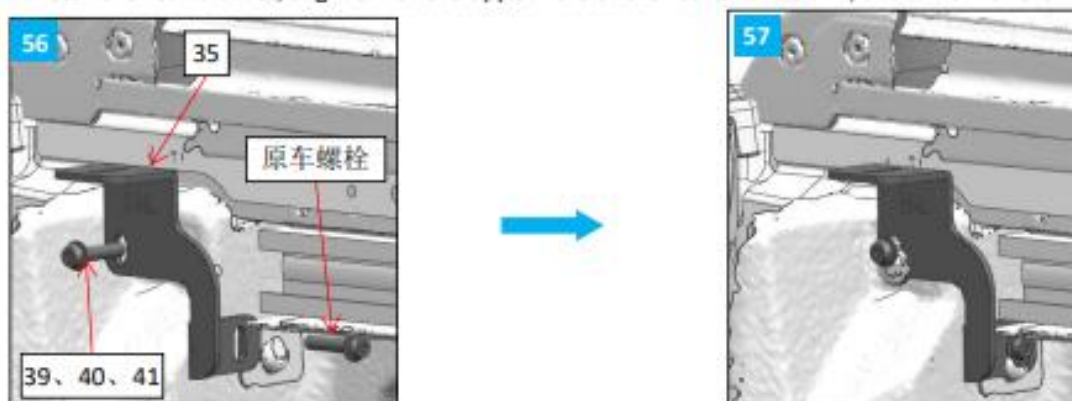
6. Install the rear waterproof bracket, refer to Figures 9- 11 above, and finally install the tonneau cover

Ranger with sliding rail version installation method

1. Place the iron bracket into the slide rail and tighten it with screws

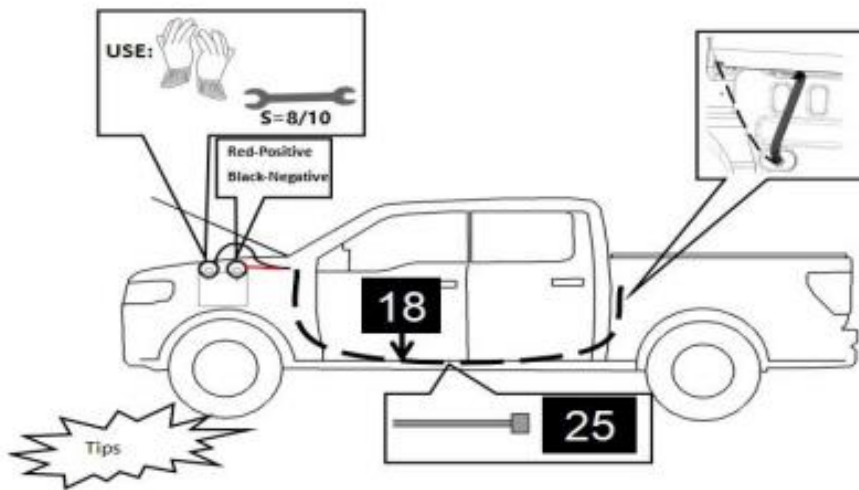


2. Install the rear bracket, align it with the upper hole of the rear of the trunk, and fix it with sliding rail bolt



2. Install the rear waterproof bracket, refer to Figures 9- 11 above, and finally install the tonneau cover

3. Wiring method:



Wear the insulating gloves and open the hood. Loosen the bolts at the positive and negative pole of the original vehicle battery, and install the harness 18 in the corresponding position of the battery; Tighten the bolts. Route the rest of the harness from the bottom of the car to the trunk bed(fix the harness with 25 cable ties) and pull it out through the hole of drain tube. Connect harness 18(in gray color) with roller gray interface. Harness route need to avoid exhaust pipes, moving parts, vulnerable parts etc., thus to protect the vehicle as well as avoid harness damage

**WIRE IN THE PURPLE / YELLOW WIRES TO LOCK / UNLOCK SIGNAL
OF THE VEHICLE CENTRAL LOCKING SYSTEM.
WE RECOMMEND A QUALIFIED AUTO ELECTRICIAN CARRY OUT
ANY ELECTRICAL WORK ON THE VEHICLE.**

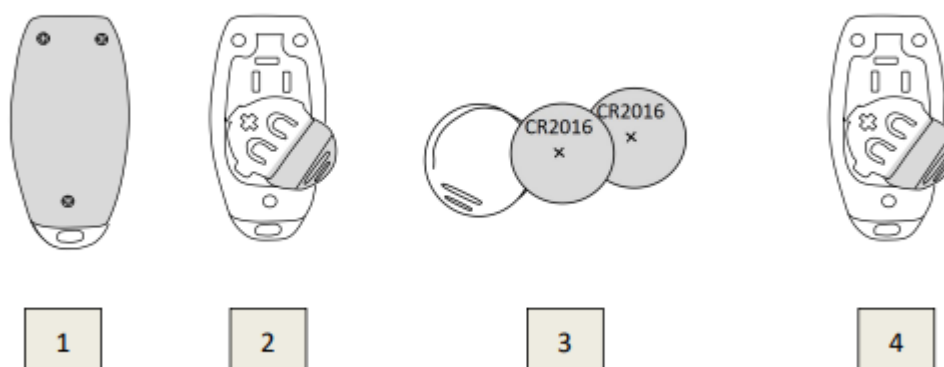
**PURPLE WIRE – LOCK SIGNAL
YELLOW WIRE – UNLOCK SIGNAL
RED WIRE – 12V BATTERY
BLACK WIRE - GROUND**

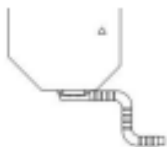
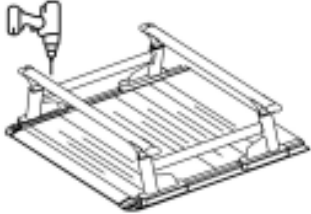
3. Function Introduction

1. Remote Key

	Button	Button name	Description
		Close	1. Press the button to close the cover if its under static mode. 2. Press the button to stop the cover if its under moving mode.
		Open	1. Press the button to open the cover if its under static mode. 2. Press the button to stop the cover if its under moving mode.
		Light On	1. Press the button to light on if the light is off, and the brightness is restored to the previous brightness. 2. Press the button to switch to the next brightness level if the light is on(level 3 brightness in cycle switch) .
		Light Off	Press the button to turn off the LED light.

2. How to replace the remote key batteries:



 Keep the drainpipe free from blockage.	 Clean the litter before use.	 Drill holes on the truck for installing heavy loading parts.
 Clean and lubricate the canister every 6months.	 Clean and lubricate the side bars every 3months.	



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6. 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. 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: CR2016).

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.