

## INSTALLATION INSTRUCTIONS

PART# PW04191301;PW05773801/G544191301

### CONQUEST FRONT BUMPER FOR TANK 300 21-24



#### Before Installation

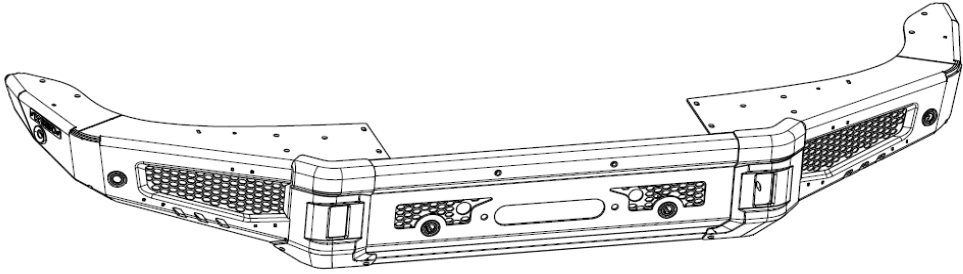
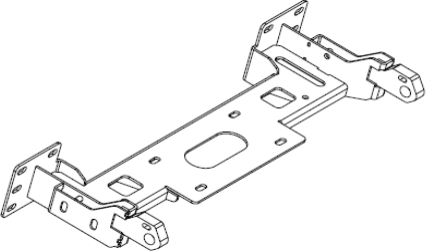
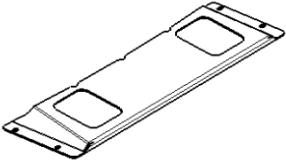
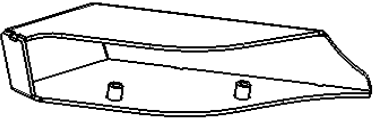
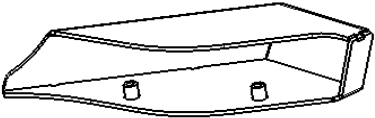
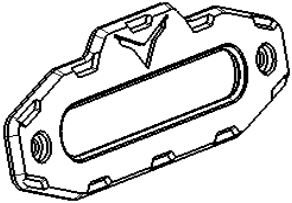
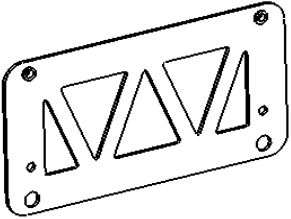
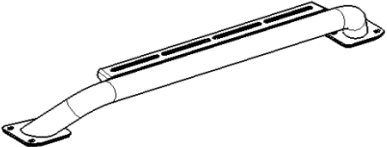
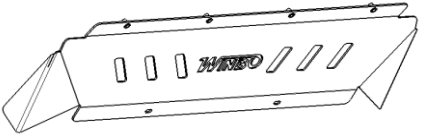
- Please read the instruction completely for easy installation, which will also help you to avoid scratches or other potential damages to your appealing car.
- The information shown here is for reference only and may differ from the product that you receive, however the goods are fitted in the same way.

#### Care and Cleaning

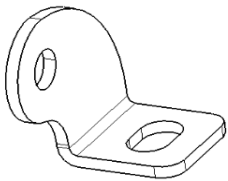
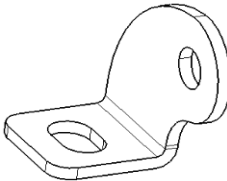
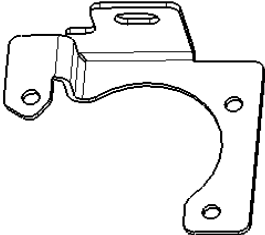
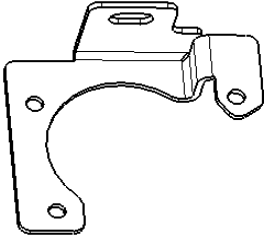
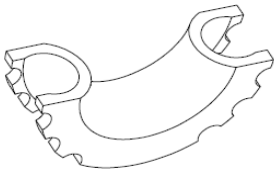
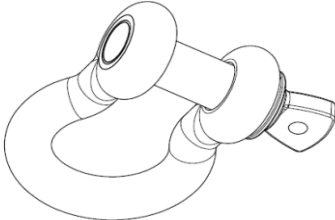

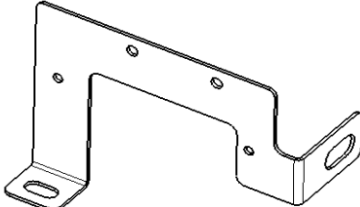
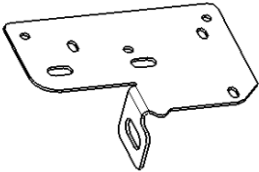
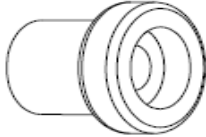

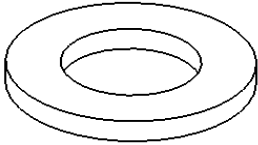
- Mild soap may be used also to clean the Product.
- Please periodically check and retighten all the hardware and clean the investment for a refresh look.

## INSTALLATION INSTRUCTIONS

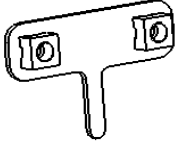
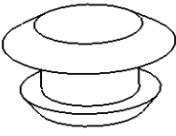
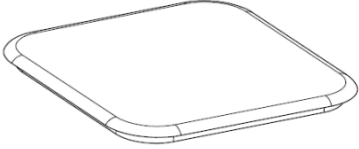

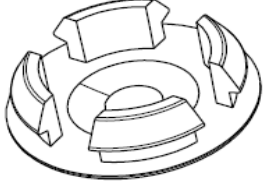
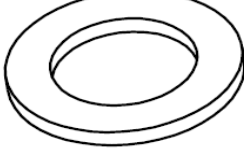
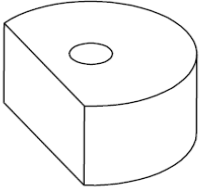
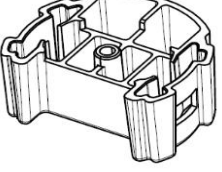
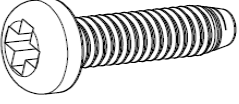
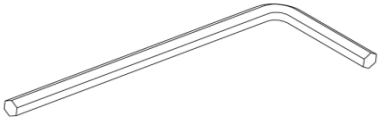
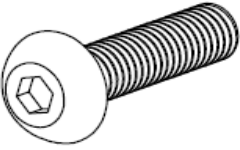

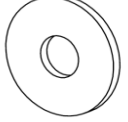
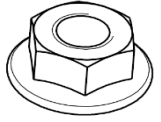
### Parts list

NO.	QTY	PICTURE	NO.	QTY	PICTURE
①	1	 Front bumper			
②	1	 Winch frame	③	1	 Winch frame plate
④	1	 Side wing(L)	⑤	1	 Side wing(R)
⑥	1	 Fairlead panel	⑦	1	 License plate bracket
⑧	1	 Forward leaning beam	⑨	1	 Central skid plate

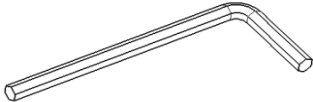
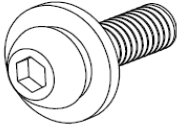
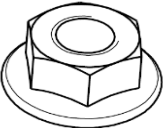
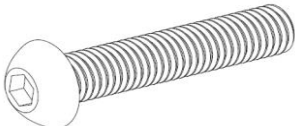
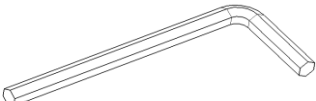
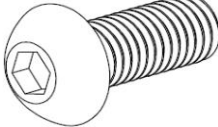
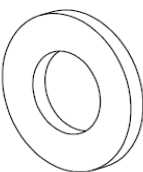
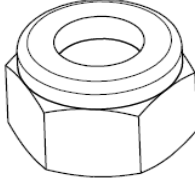
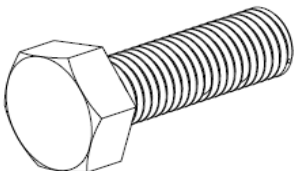
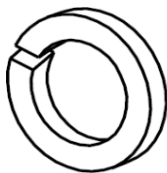
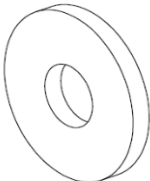
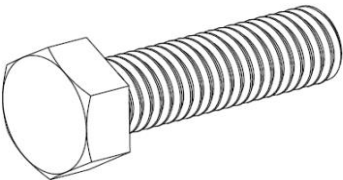
## INSTALLATION INSTRUCTIONS

⑩	1	 Light bracket(L)	⑪	1	 Light bracket(R)
⑫	1	 Original fog lamp bracket(L)	⑬	1	 Original fog lamp bracket(R)
⑭	2	 Rubber sleeve	⑮	1	 Trailer Hitch
⑯	1	 Extension bracket	⑰	1	 T-Max Control box bracket
⑱	1	 WARN+LIFUTE Control box bracket	⑲	1	 Trailer Hitch Buckle
⑳	4	 Rubber pad ( δ 2.0 )	㉑	4	 Rubber pad ( δ 4.0 )


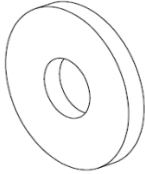
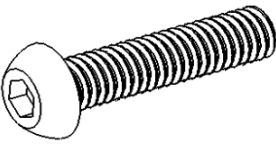

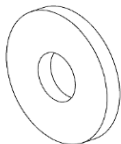
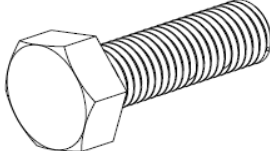
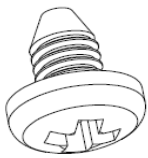
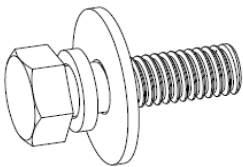
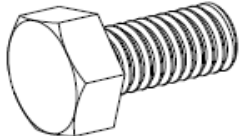

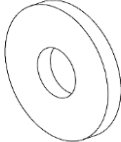
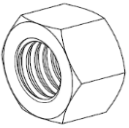
## INSTALLATION INSTRUCTIONS

②②	2		②③	6	
		Heterotype nut			Rubber stopper $\Phi 10$
②④	2		②⑤	10	
		Bumper cover			Ribbon for Harness
②⑥	6		②⑦	6	
		Radar Lid			Circular Foam Packer (D25-d15.5)
②⑧	6		②⑨	6	
		Foam Packer( D20.6X10)			Base
③①	12		③②	1	
		Cross recessed pan head tapping screws ST4_15			Wrench S=3
③③	6		③④	6	
		Hexagonal socket head screw M5_20			Spring washer D5
③⑤	6		③⑥	6	
		Large washer D5(5x15x1.2mm)			Hex nut M5

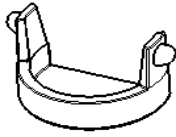
## INSTALLATION INSTRUCTIONS

③⑥	1	 Wrench S=4	③⑦	18	 Hexagonal socket head screw, spring washer, and flat washer assembly M6_20
③⑧	10	 Hex nut M6	③⑨	1	 Hexagonal socket head screw M10_50
④①	1	 Wrench S=6	④②	1	 Hexagonal socket head screw M10_25
④③	2	 Flat washer D10(10x20x2mm)	④④	2	 Type 1 non-metallic embedded hexagonal lock nut M10
④⑤	10	 Hexagonal head bolt (full thread) M10x1.25_30	④⑥	14	 Spring washer D10
④⑦	14	 Large washer D10_27_3	④⑧	4	 Hexagonal head bolt (full thread) M12_40

## INSTALLATION INSTRUCTIONS

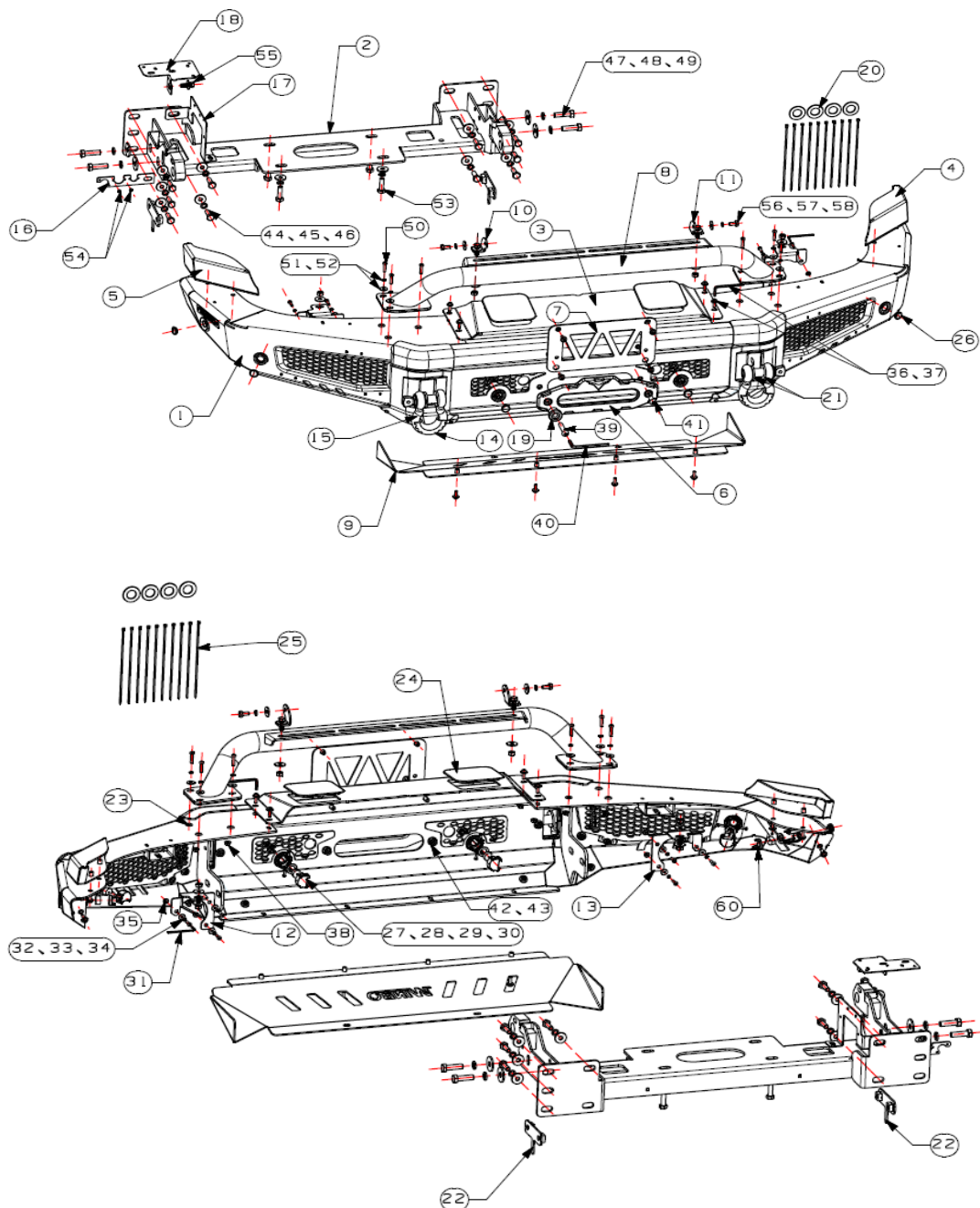
④⑧	4		④⑨	4	
		Spring washer D12			Large washer D12(12x37x3mm)
⑤⑩	6		⑤①	6	
		Hexagonal socket head screw M6_25			Spring washer D6
⑤②	6		⑤③	4	
		Large washer D6(6x12x1.6mm)			Hexagonal head bolt (full thread) M10_35
⑤④	2		⑤⑤	5	
		Cross recessed pan head tapping screws ST4_8			Hexagonal head bolt, spring washer, and flat washer assembly M8_25
⑤⑥	2		⑤⑦	2	
		Hexagonal head bolt (full thread) M8_16			Spring washer D8
⑤⑧	6		⑤⑨	4	
		Large washer D8(8x24x2mm)			Hex nut M8

## INSTALLATION INSTRUCTIONS

60	 <p>Plastic Ring</p>	61
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### Installation Steps

### Installation Fig.



## INSTALLATION INSTRUCTIONS

### Installation tools :

- 1、 Universal socket wrench, socket (specifications 10/13/16/18)



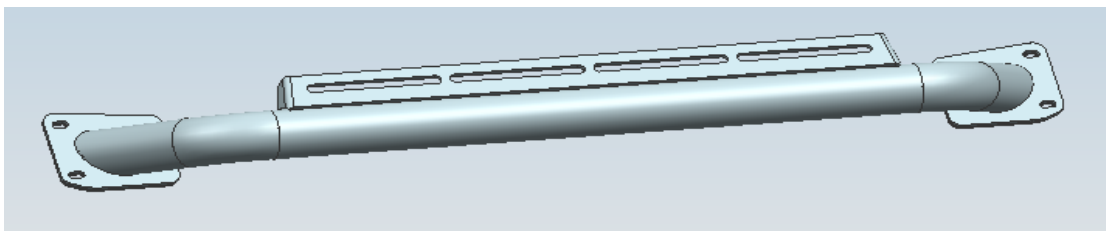
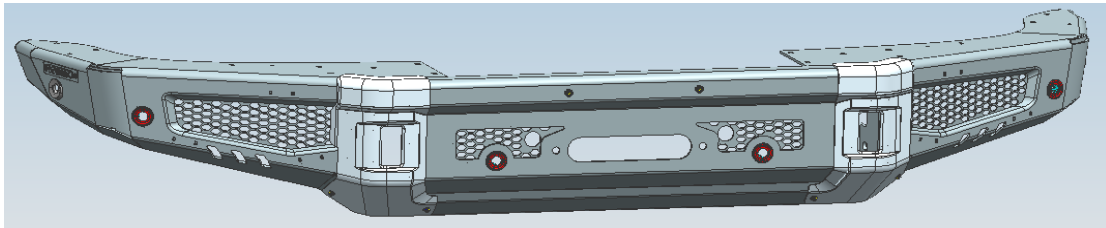
- 2、 Open end wrench (specifications 10/13/16/18)



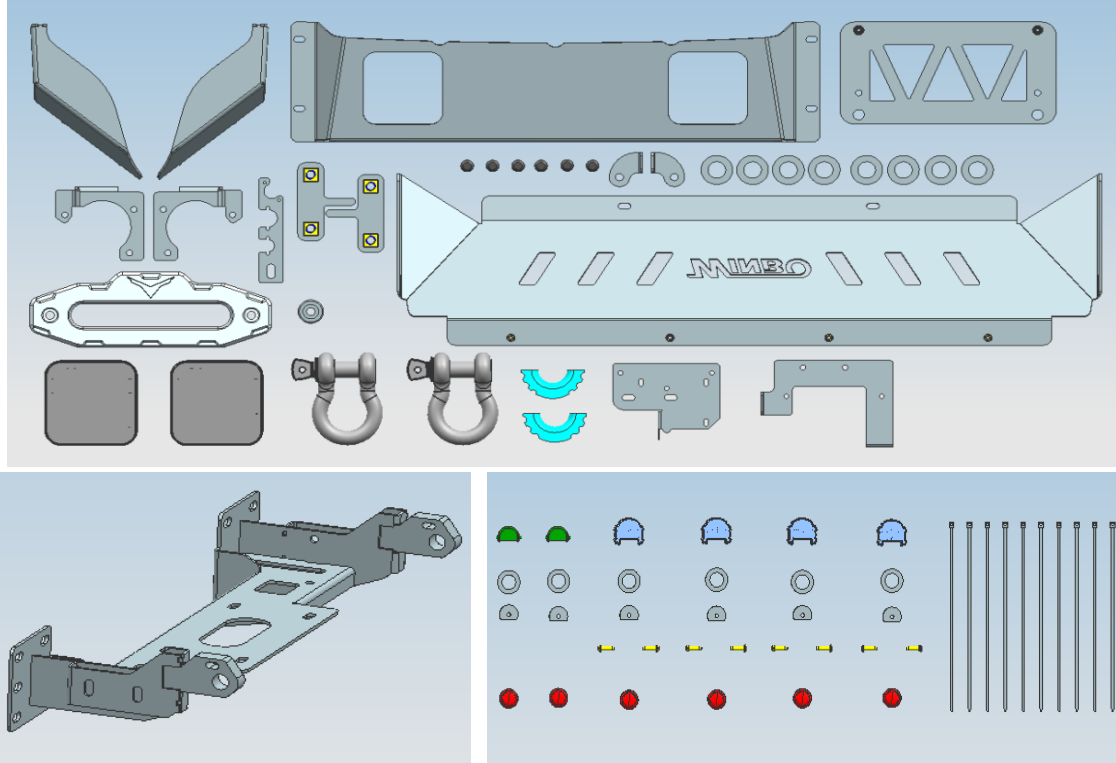
- 3、 plastic rivet disassembly pliers, cross screwdriver, and handheld drill



STEP 1: Verify that all parts are present according to the manual



## INSTALLATION INSTRUCTIONS



Due to the fact that there are two version of models on the market, namely A version without the original winch and B version with the original winch, the following will explain the installation steps in two ways; The installation manual for model A is on pages 8-14, while model B is on pages 15-19;

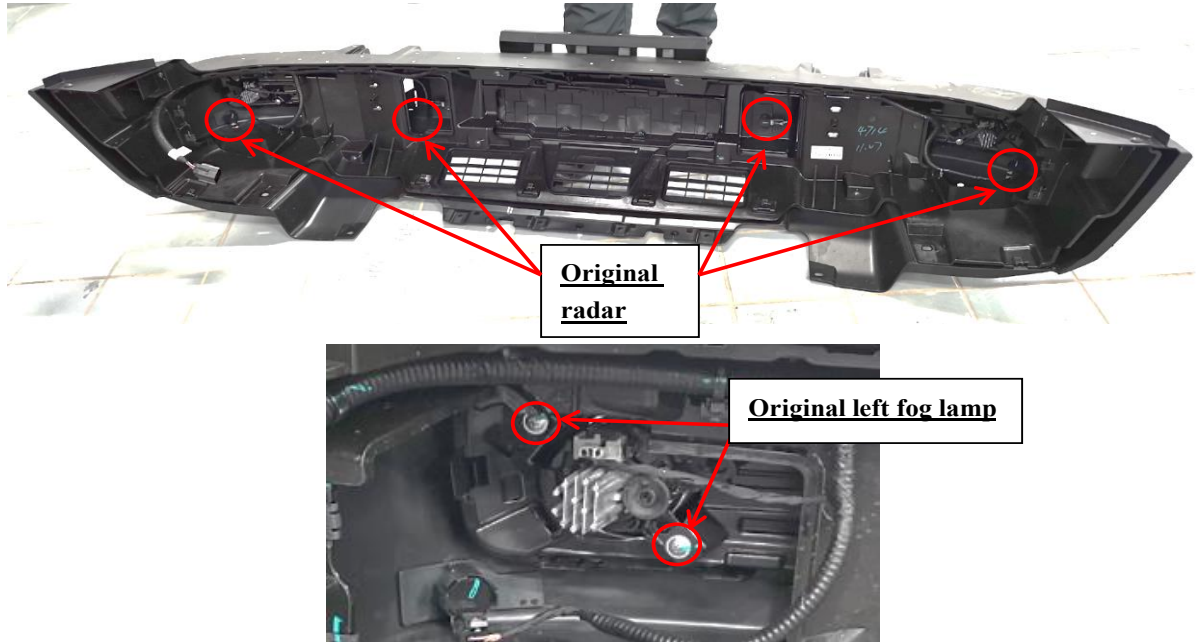
### A version without the original winch

STEP 2: Remove the original plastic front bumper

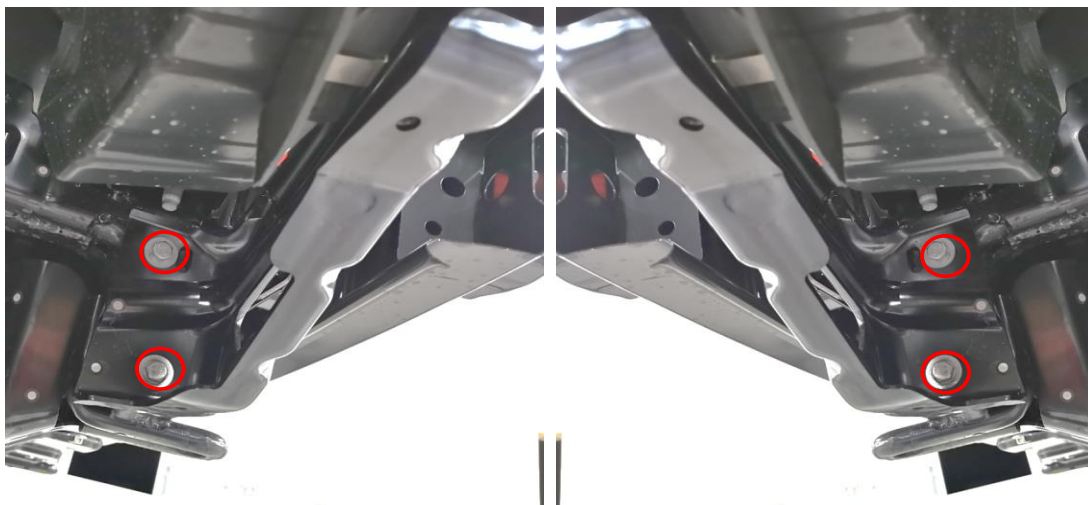


STEP 3: Remove the radar and L&R fog lights from the front bumper for backup by plastic rivet removal pliers, cross screwdriver: the fog light position is indicated in the left diagram; (The radar and fog lights of the two versions are in the same position, and this image is surrounded by the version without the original winch.)

## INSTALLATION INSTRUCTIONS



STEP 4: Remove the original front bumper beam and the side wing brackets by socket/open-end wrench(size: 13). The bolt positions are shown in the circle of the diagram, with a total of 8 bolts.



## INSTALLATION INSTRUCTIONS

STEP 5: Remove the original front collision box by socket/open-end wrench (size: 13), The bolt positions are on the left and right sides of the box, with a total of 10 bolts as shown in the figure



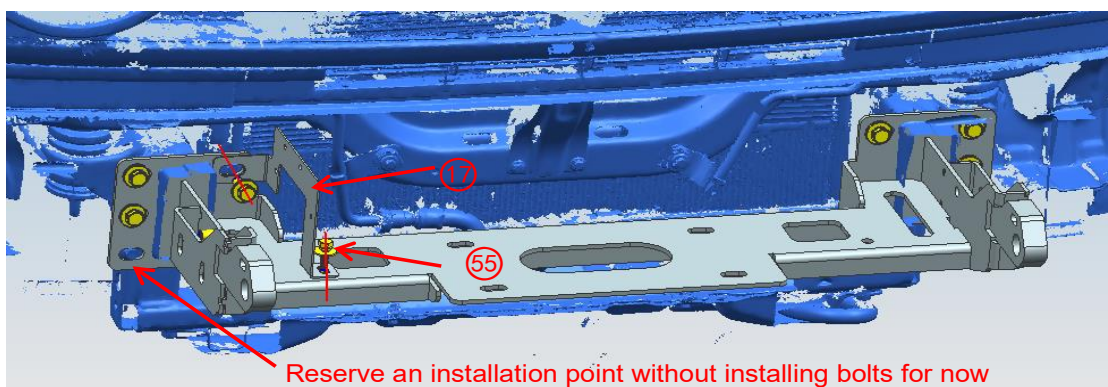
STEP 6: Install ② on the crossbeam by ④④ ④⑤ ④⑥ & socket/open-end wrench (size: 16). Beside, a mounting point needs to be reserved in the lower left corner without installing bolts

**This step is compatible with the winches of Lifute and Warning brands;**



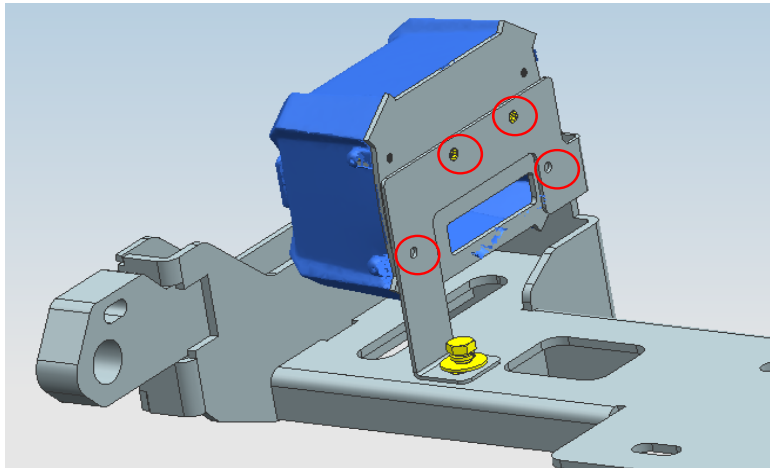
**The following steps are to adapt to the T-Max brand winch:**

Install ④④ ④⑤ ④⑥ ⑤⑤ ①⑦ ② to the crossbeam.

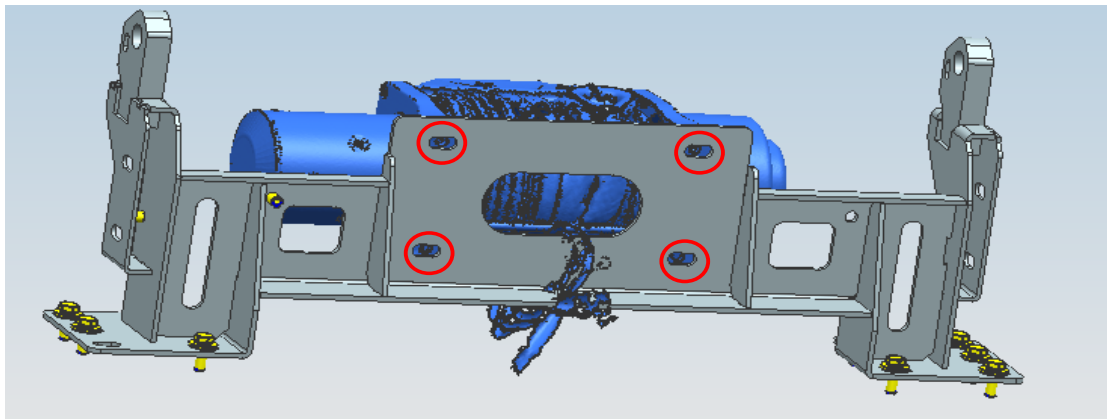


## INSTALLATION INSTRUCTIONS

Remove the T-Max winch control box from the winch and install it on the ⑪ with the bolts;  
Please note that the control and wiring should pass through the gap below;



STEP 7: Install the M10 bolts provided in the winch on the 4 mounting holes of the ②; and install the wiring harness on the control box and the winch; It is recommended to place the four bolts of the winch at the center of the waist circular hole; (Using socket/open-end wrench (specification: 16))

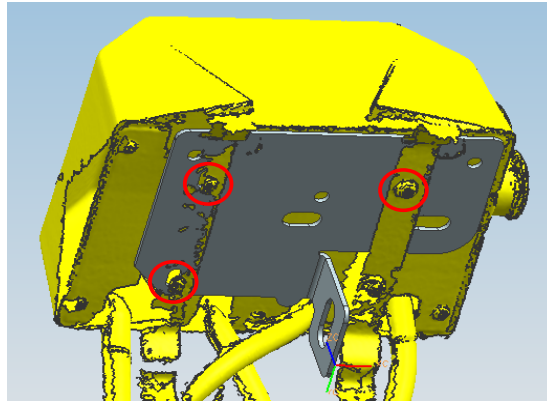
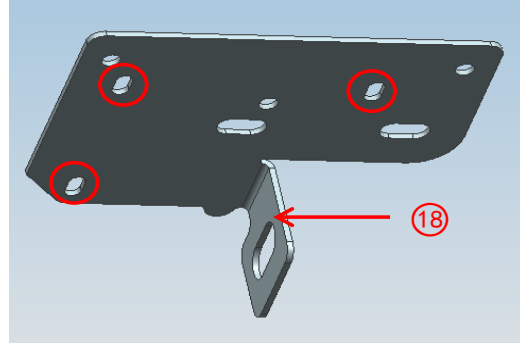
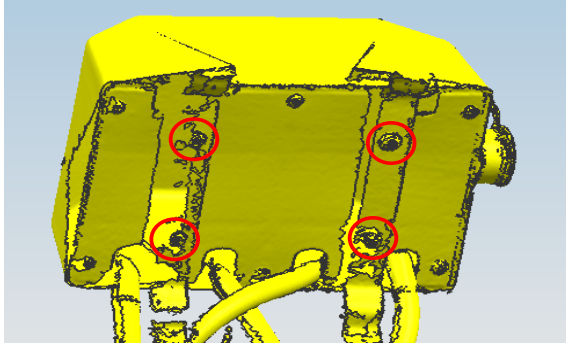


STEP 8: Install the control box for the winch. Lifute and Warning winch control boxes are respectively explained:

### Lifute winch control boxes

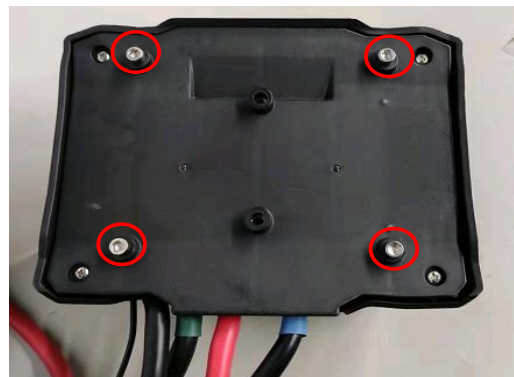
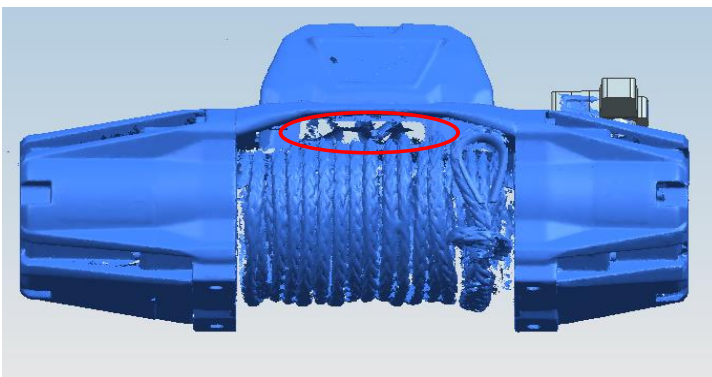
Use a Phillips screwdriver to remove the 4 screws at the bottom of the winch control, and remove the metal fixing plate of the original control box. Then use the removed screws to install the ⑬ bracket at the bottom of the control box, the installation points are the three points within the circle shown in the figure below:

## INSTALLATION INSTRUCTIONS

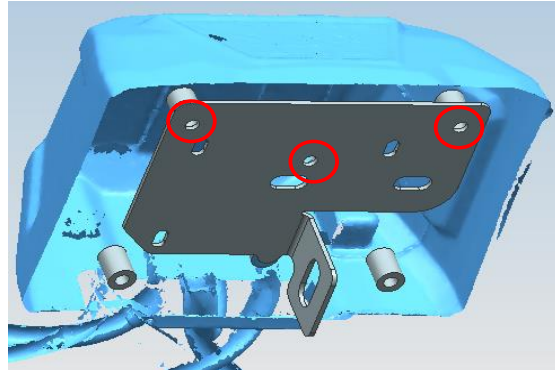
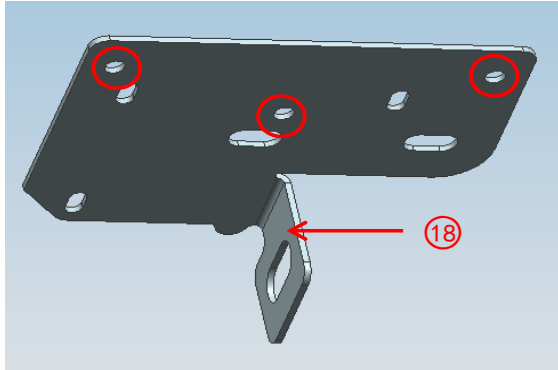


### **WARN winch control boxes**

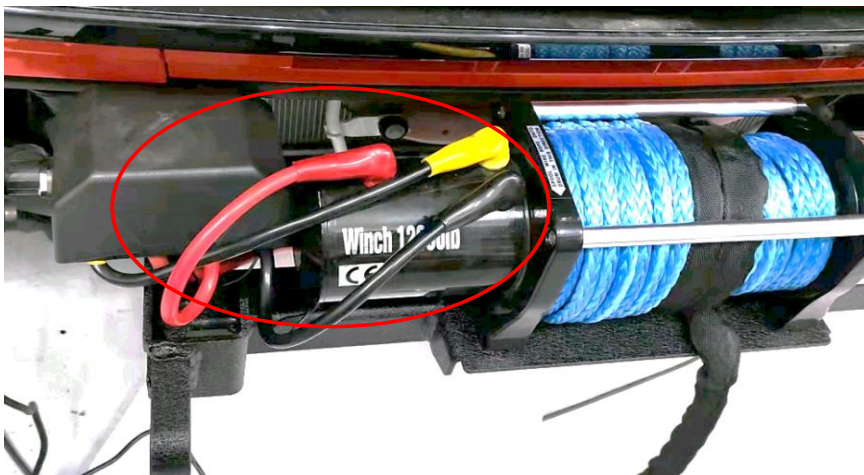
There are 4 bolts fixing the winch control box when viewed diagonally and remove the 4 bolts by ③⑥, then use the removed screws to install the ⑱ bracket at the bottom of the control box. the installation points are the three points within the circle shown in the figure below:



## INSTALLATION INSTRUCTIONS

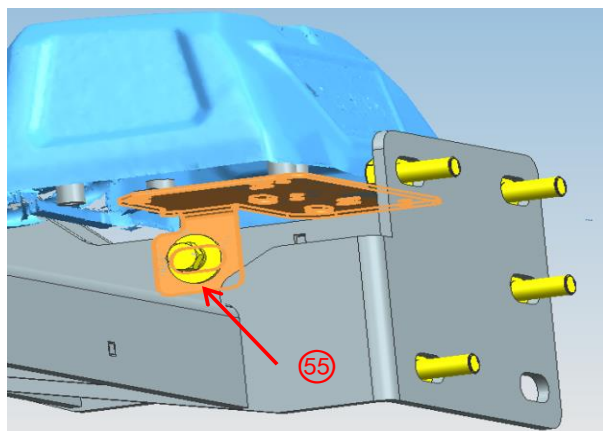
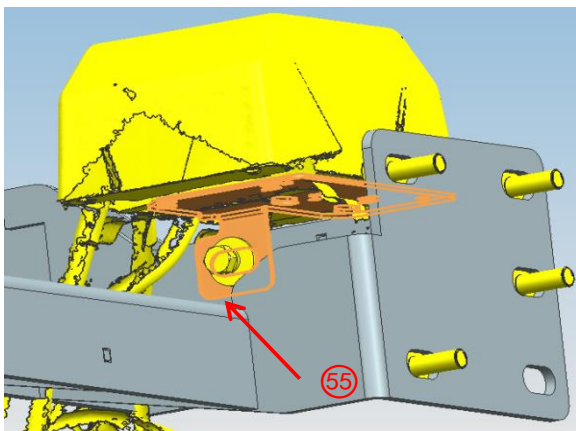


STEP 9: After adjusting the position of the wires connecting the control box and the winch in STEP 8, install the control box bracket on the inside of the winch frame by ⑤⑤



**Lifute winch control box**

**WARN winch control box**



STEP 10: The installation of the winch control extension is on the ①⑥ bracket, and the T-Max is installed by built-in bolt and ⑤④.

## INSTALLATION INSTRUCTIONS

**T-Max winch control extension**

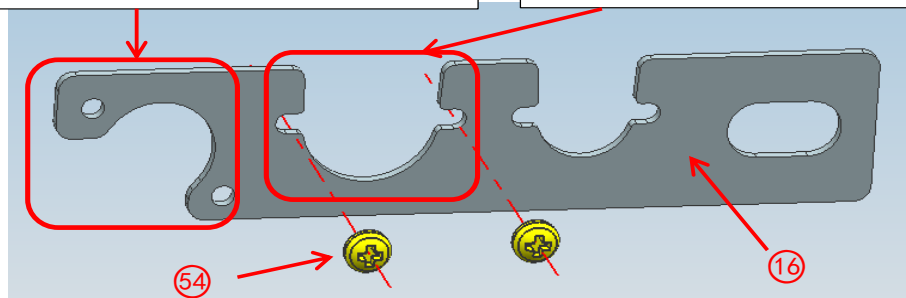


**Lifute winch control extension**

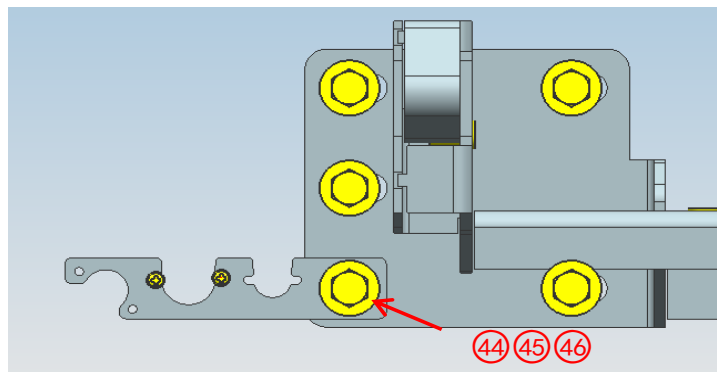


**T-Max Installation area for winch control extension**

**Lifute Installation area for winch control extension**

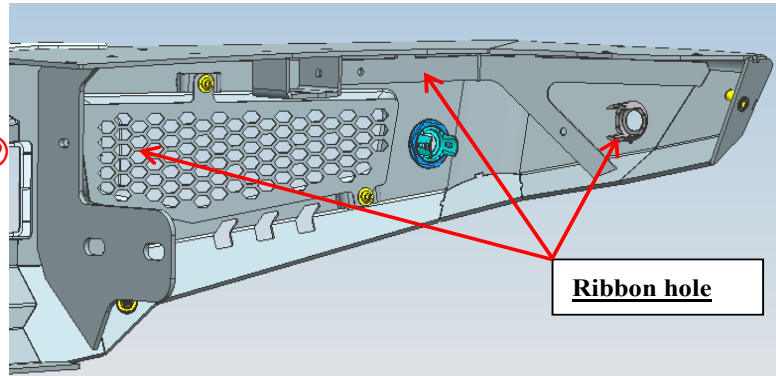
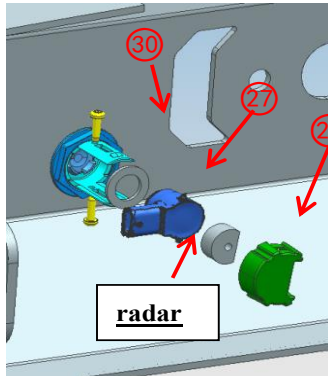


STEP 11: Insert the extension into the winch control box, and then install the ①⑥ bracket on the installation point reserved for the winch frame in STEP 6 by ④④ ④⑤ ④⑥.

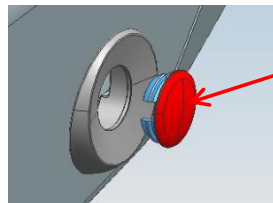
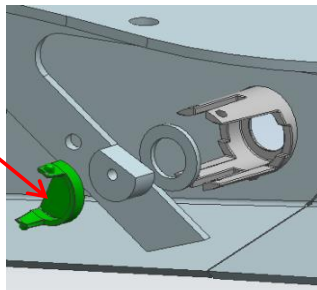


STEP 12: Install the original radar removed of the STEP 3 onto bumper by ②⑦ ②⑧ ②⑨ and fixed with ②⑤. Note: The screw ③① is an accessory used to assist positioning that are loosely inserted into the radar. If the radar is securely installed, there is no need to install the screw

## INSTALLATION INSTRUCTIONS

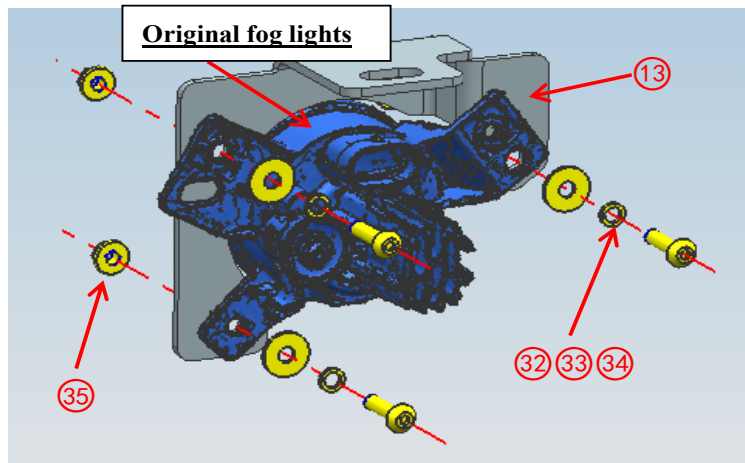


The radar on both sides of the 6 radars version is fixed on the radar base with (60)



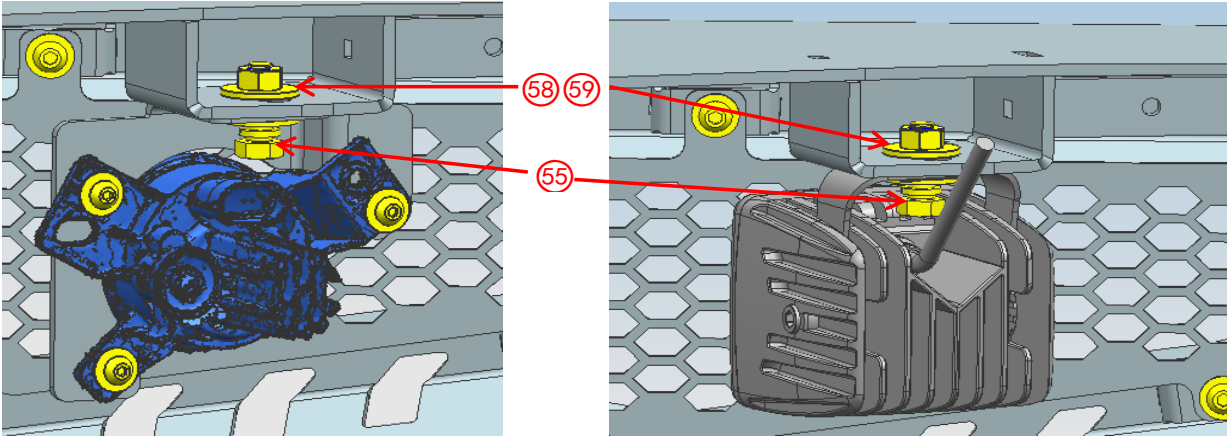
In the 4 radars version, the radar holes on both sides can be plugged with (26)

STEP 13: The original fog lamp is fixed on the (12)(13) by (31)(32)(33)(34)(35), the following diagram shows the installation method of the fog lamp on the right side, the same as on the left side;

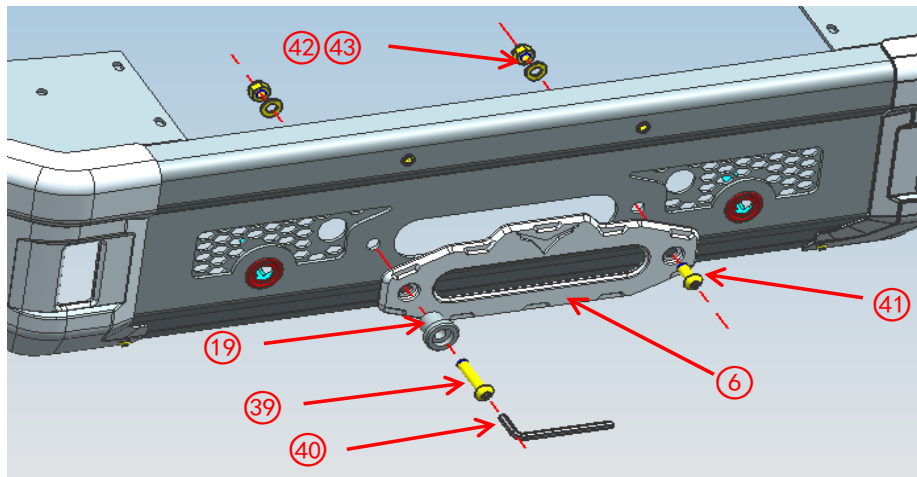


STEP 14: Install the fog lamp bracket from STEP 13 onto the bumper (1) by (55)(58)(59) & open-end wrench (size: 13))

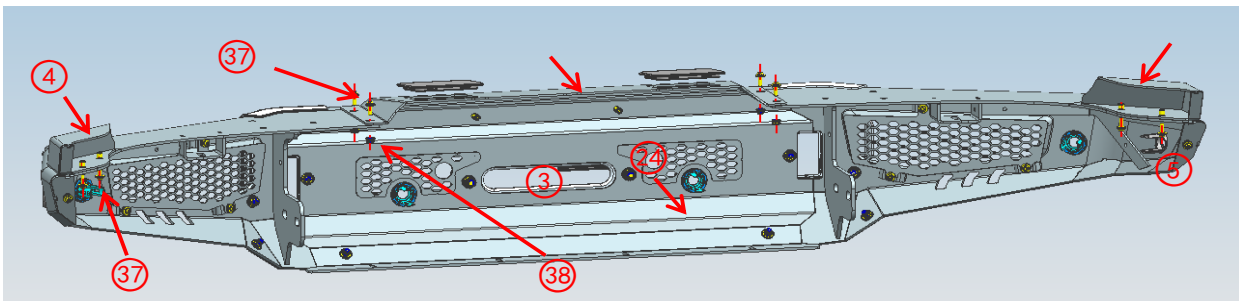
## INSTALLATION INSTRUCTIONS



STEP 15: Install (6) (19) onto the bumper by (39) (40) (41) (42) (43)

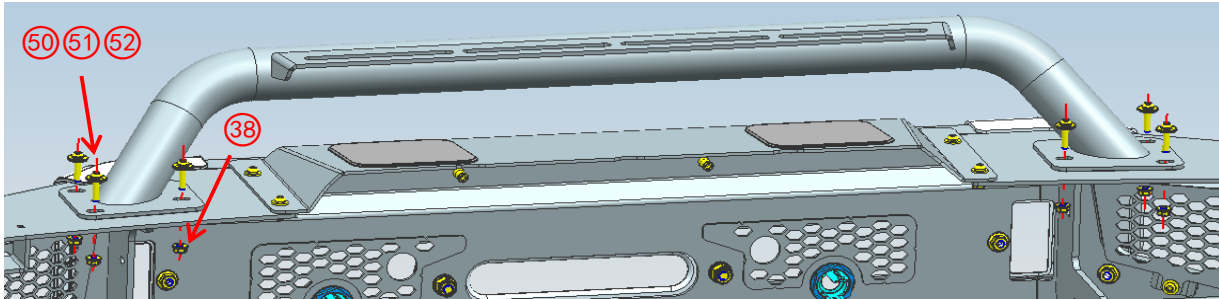


STEP 16: Install (4) (5) (24) (3) onto the bumper by (36) (37) (38)



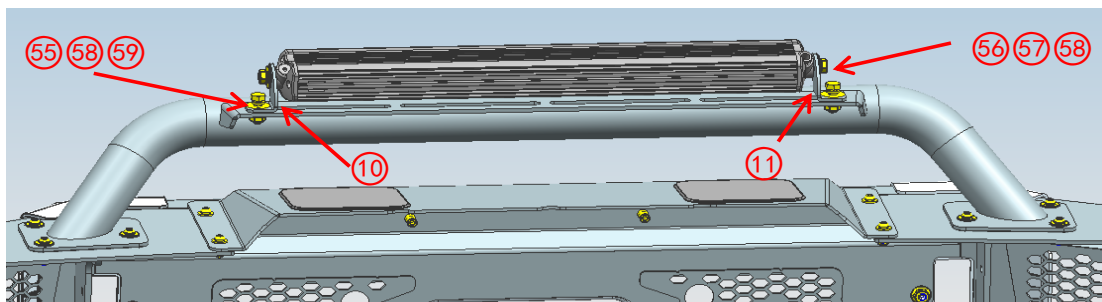
STEP 17: Install (8) onto the bumper by (50) (51) (51) (38) (36)

## INSTALLATION INSTRUCTIONS

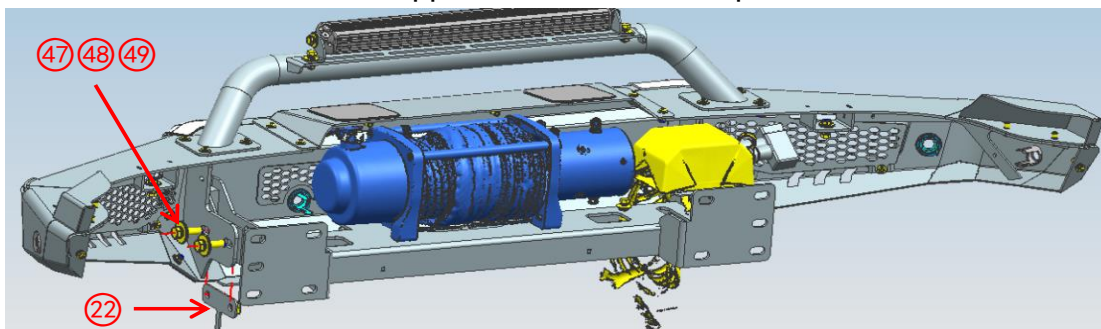


STEP 18: If there is an optional strip light, the ⑩⑪ can be installed on the ⑧ by ⑤⑤⑤⑤.

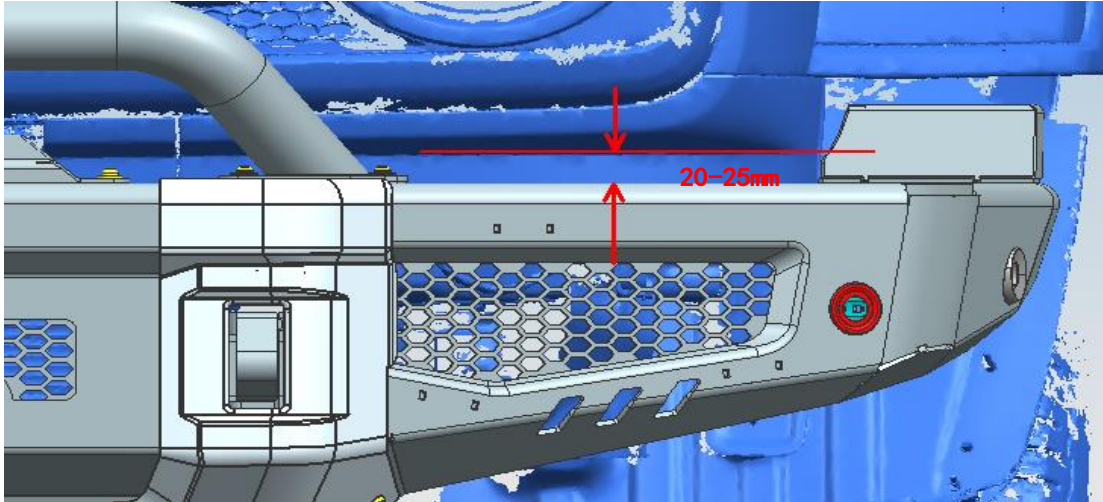
The strip light is installed by ⑤⑥⑤⑦⑤⑧



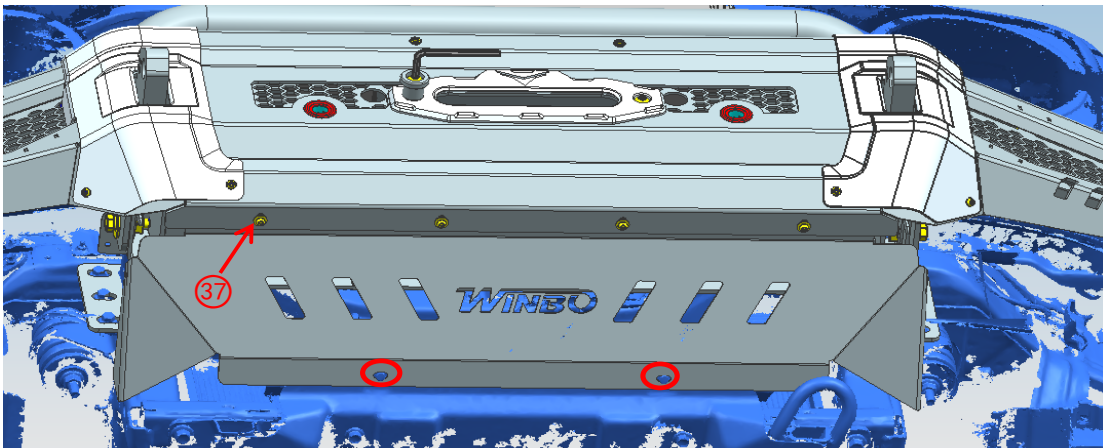
STEP 19: Install the ① onto the ② by ④⑦④⑧④⑨②② & Socket/open-end wrench (size: 18) . The most suitable distance between the upper surface of the bumper and the mesh is 20-25mm.



## INSTALLATION INSTRUCTIONS

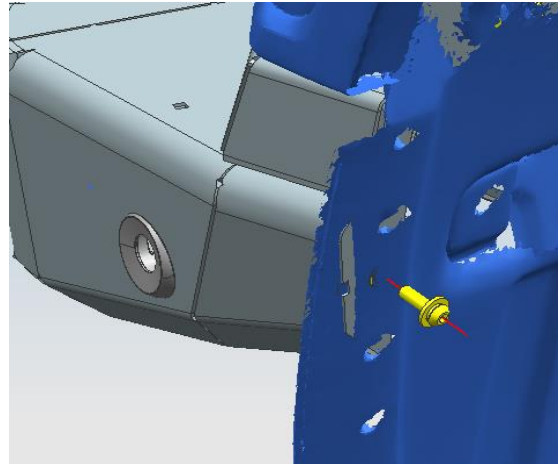
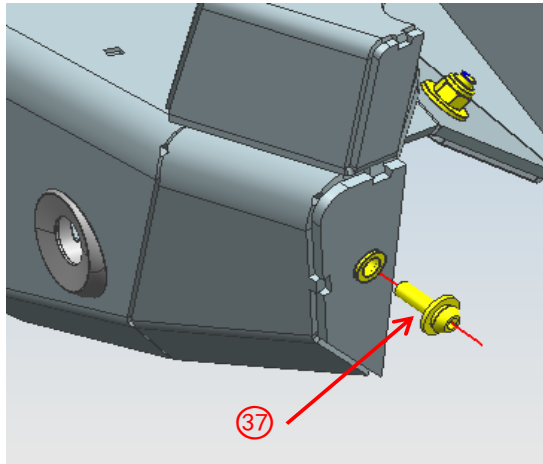


STEP 20: Install ⑨ by ③⑥③⑦

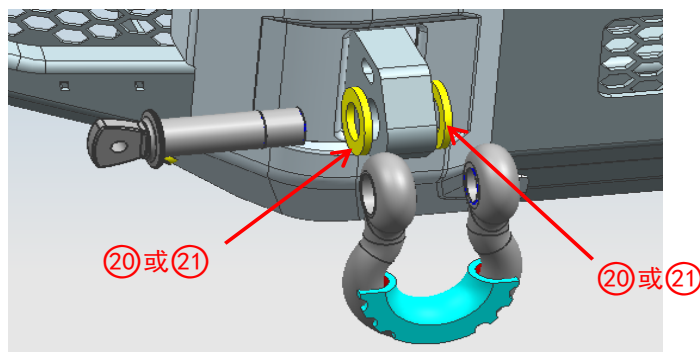
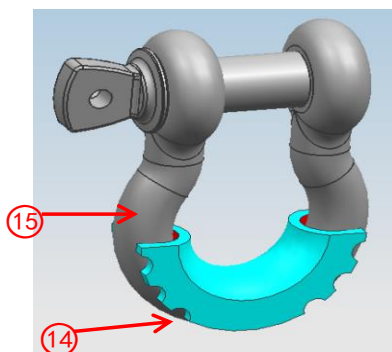


STEP 21: According to the position of the rivet nut on the wing of ①, draw a hole of 8mm on the original mudguard, and then use ③⑥③⑦ to fix the mudguard; The following diagram shows the left side. Note: Depending on the customer's preference, they can choose to remove the mudguard or cut and repair the mudguard along the bumper.

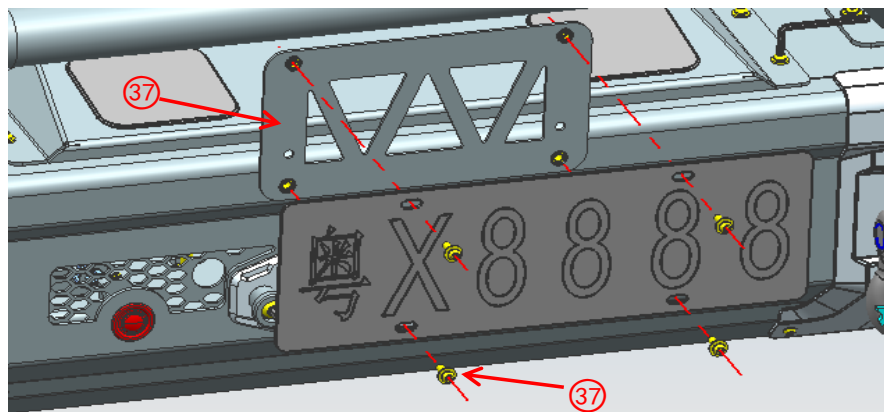
## INSTALLATION INSTRUCTIONS



STEP 22: Insert the (14) onto the (15), and then install the parts onto the (1) bumper; Both sides of the trailer hook U-shaped ring need to be cushioned with (20) or (21) to cushion vibrations during driving; The thickness is selected based on the physical assembly;

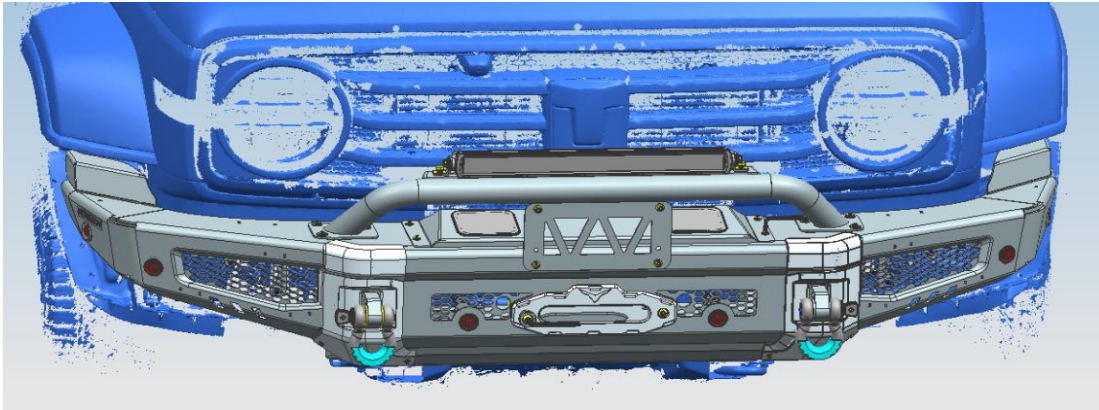


STEP 23: Install (7) onto the bumper by (36) (37)



## INSTALLATION INSTRUCTIONS

Rendering:

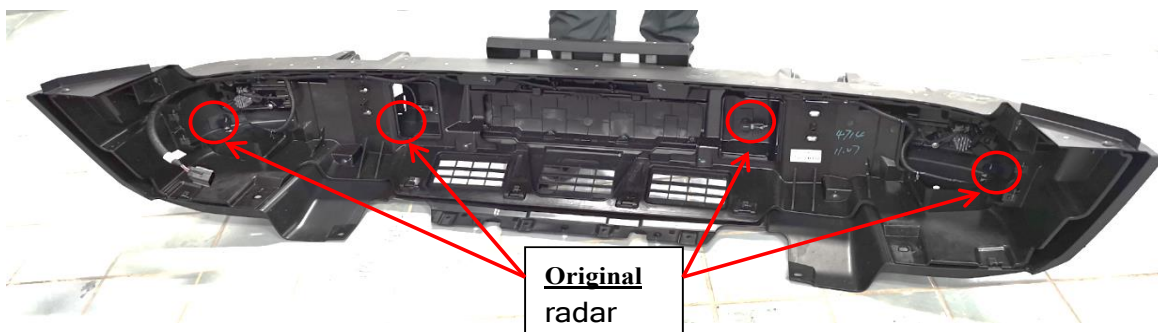


### B version with the original winch

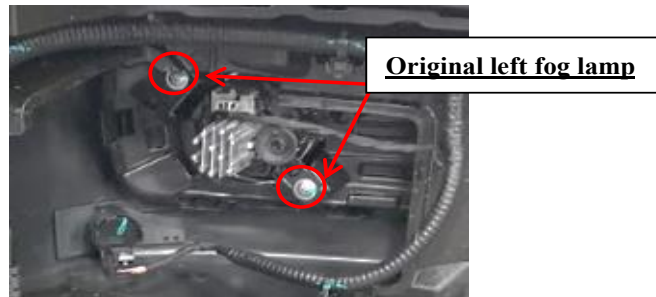
STEP 2: Remove the original plastic front bumper



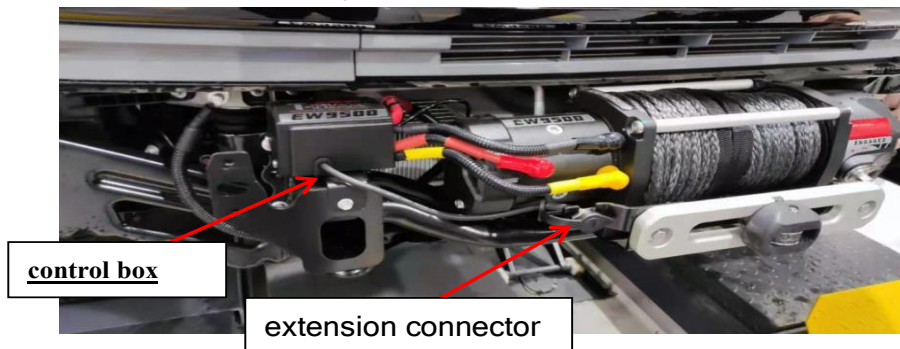
STEP 3: Remove the radar and L&R fog lights from the front bumper for backup by plastic rivet removal pliers, cross screwdriver: the fog light position is indicated in the left diagram; (The radar and fog lights of the two versions are in the same position, and this image is surrounded by the version with the original winch.)



## INSTALLATION INSTRUCTIONS



STEP 4: Remove the original winch control box and extension connector by Phillips screwdriver socket/open-end wrench) and place the standard for backup



STEP 5: Remove the pin on the plastic cover of the original winch lock to remove the plastic cover; Use tools to remove the bolts on both sides of the original fairlead panel, and place fairlead panel for backup(using a socket/open-end wrench (specification: 16))



STEP 6: Remove the 4 bolts that fix the original winch and place the standard parts in place; (Use socket/open-end wrench (size: 13))



STEP 7: Remove the 8 bolts connecting the original bumper and crossbeam, and place the bumper and standard parts in place; (Use socket/open-end wrench (size: 13))

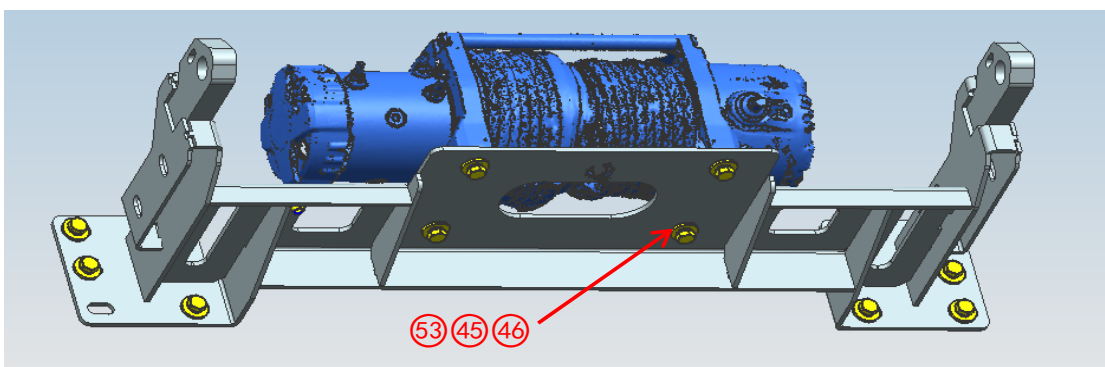
## INSTALLATION INSTRUCTIONS



STEP 8: Install ② on the crossbeam by ④④ ④⑤ ④⑥ & socket/open-end wrench (size: 16). Beside, a mounting point needs to be reserved in the lower left corner without installing bolts

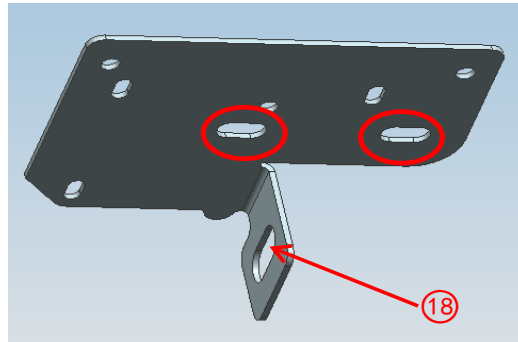
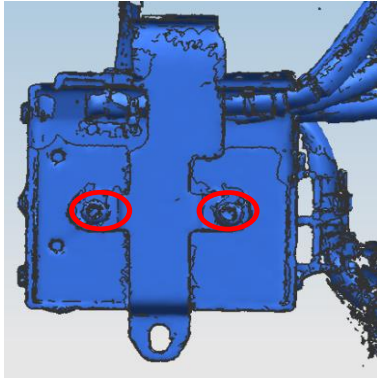


STEP 9: Install the original winch onto ② by ⑤③ ④⑤ ④⑥; The winch needs to be installed at the center of the waist circular hole (Using socket/open-end wrench (specification: 16))

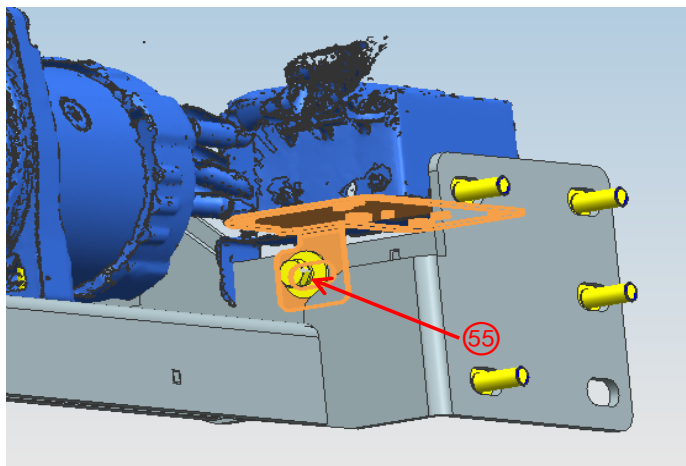


STEP 10: Remove the control box bracket, and use the original nuts to install the bracket at the bottom of the control box at the two points inside the circle in the bottom right figure; Then connect and fix the control box wires to the winch

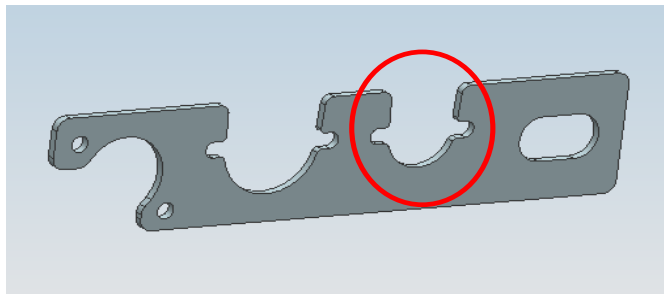
## INSTALLATION INSTRUCTIONS



STEP 11: After adjusting the position of the wires in the previous step, install the control box bracket on the inside of the winch frame by (55) ;

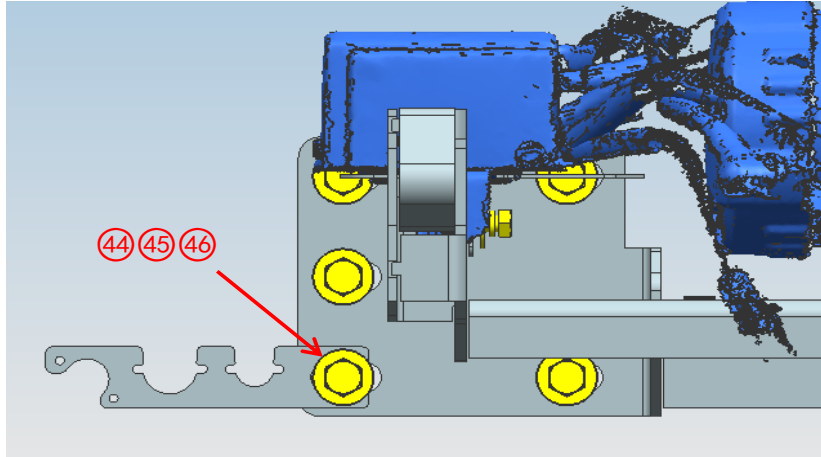


STEP 12: The extension cable connector removed in the fourth step is fixed at the notch of the lower part



STEP 13: Install the (16) Extension bracket onto the installation point reserved on the winch frame in step six, and fix it with (44) (45) (46)

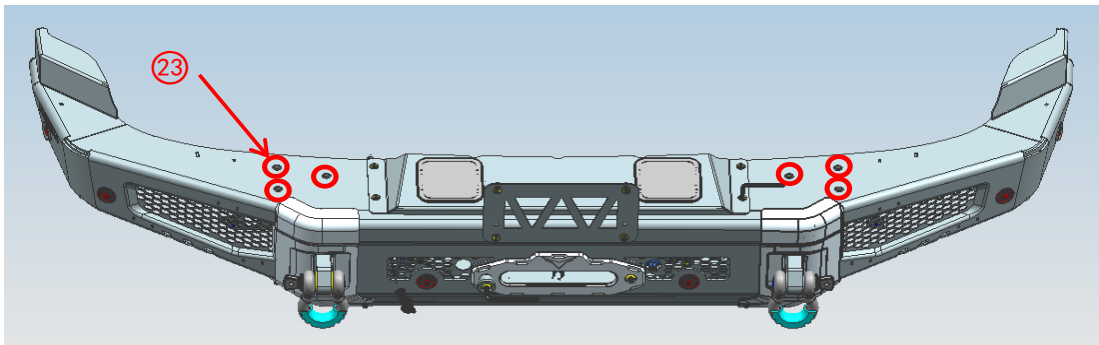
## INSTALLATION INSTRUCTIONS



STEP 14: Refer to steps 12 to 23 of a version without the original winch.

### Description of rubber plug accessories:

If the bar is assembled with a bent pipe, ②③ rubber plug  $\Phi$  10 can be used to plug the installation hole.



### NOTE

Any damages and losses caused by improper installation and application, goes beyond our quality warranty.