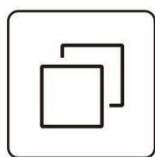


电动踏板-安装说明书

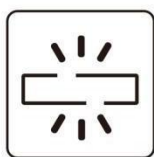
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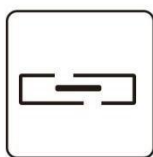
静音运行



单边单出



智能防夹



一体支架



防水性能



电子质保单



TJ201800046

版本号:A0

智能电动踏板适配 19+宝马 X7

TJ

服务热线: 400-1108020 售后热线: 400-1100962



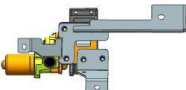
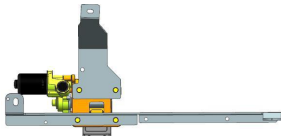
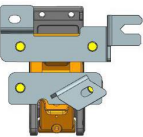
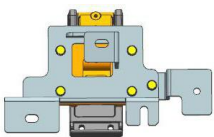

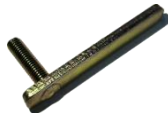












First, matters needing attention

λ All pictures in this manual are for reference only. Pictures and objects may be different, but the installation method is the same.







λ In order to facilitate your installation, please read the instruction manual of this product carefully before installation; please pay attention to protect the surface of your car during installation to avoid scratching.

λ Please check regularly that all accessories connected to the car are loose to ensure safe use.





Second, the list of accessories

安 装 步 骤	Parts							
	Cod e	Name	Qua nti ty	Pict ures	Cod e	Name	Qua nti ty	Pict ures
踏 板 配 件	①	Left panel	1		②	Right panel	1	
	③	LF bracket	1		④	RF bracket	1	
	⑤	LR bracket	1		⑥	RR bracket	1	
	⑦	LR jack car bracket	1		⑧	T-bolt M8 (80X12-13)	1	
	⑨	T-bolt M8 (60X13-12)	4		⑩	T-bolt 5 号 (70X16-18)	4	
	⑪	Hex head bolts (M8X30)	1		⑫	T-bolt M8 (28X13-10)	1	
	⑬	D8 large washer	7		⑭	D10 large washer	10	
	⑮	φ8 Plastic card block	7		⑯	Φ10 Plastic card block	4	
	⑰	D8 Spring pad	7		⑱	D10 Spring pad	4	
	⑲	M8 Hex nuts	6		⑳	M10 Hex nuts	4	

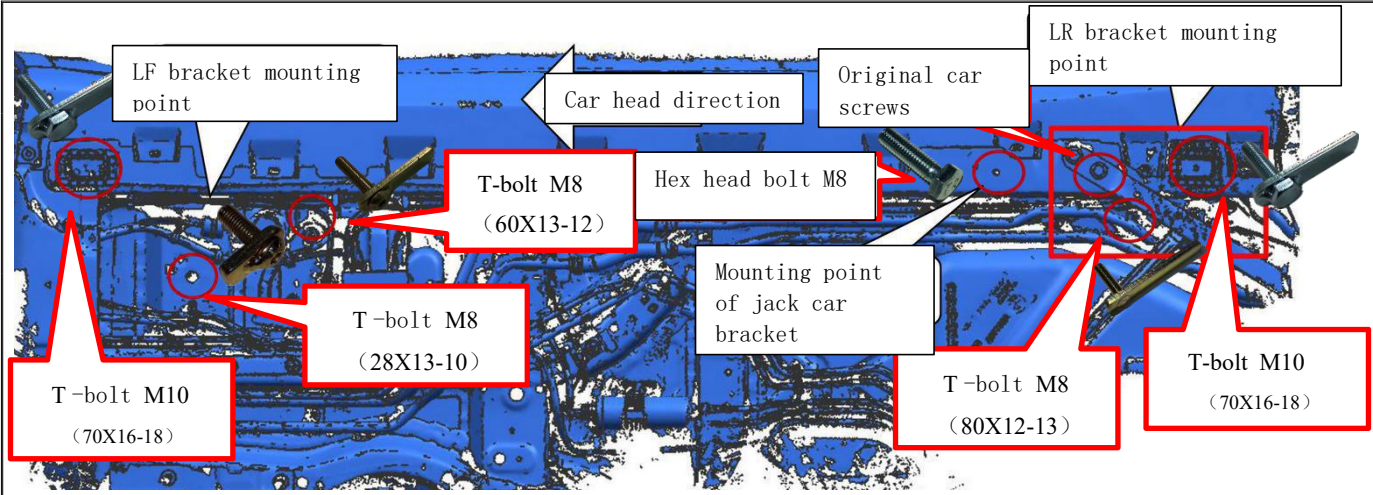
		M10 Flange nut	1					
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电子配件	①	Control unit	1		②	Longer power wire	1	
	③	Left motor wire	1		④	Right motor wire	1	
	⑤	waterproof glue	1		⑥	CAN wire	1	
	⑦	Cable tie	8		⑧			

Third, the tools required

工具	①	Crowbar	1		②	tool kit	1	
	③	Saw	1		④	test pencil	1	

Fourth, structural installation



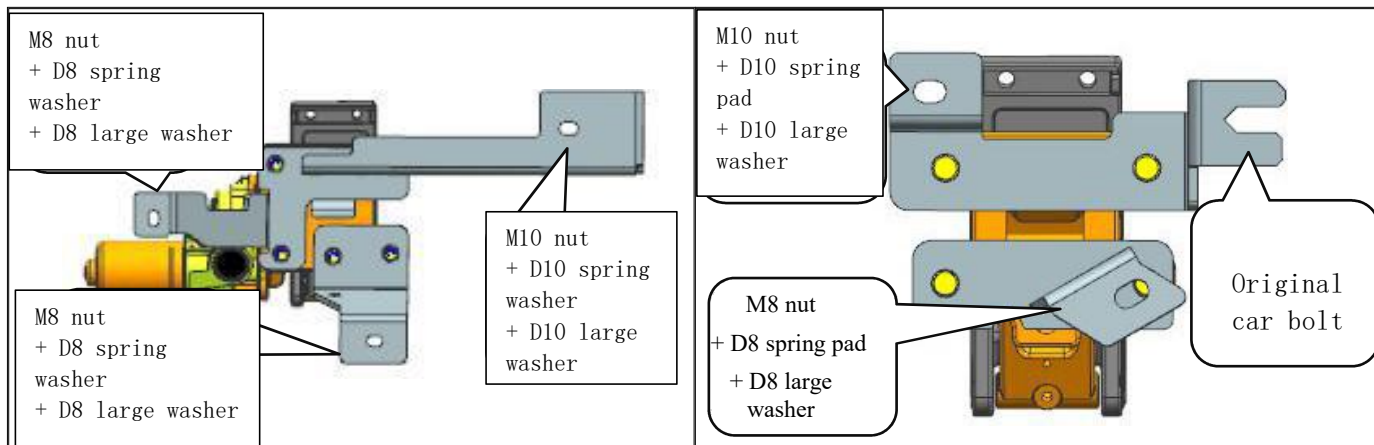
1.0 location map of the original screw hole on the left side: first remove the chassis guard board, remove the rubber plug at the position shown in the figure, then assemble the matching T-bolt and plastic card block, and then install the T-bolt to the original hole position as shown in the figure above;



1.1 Installation Precautions: Remove the screws fixing the original car hoses for easy installation

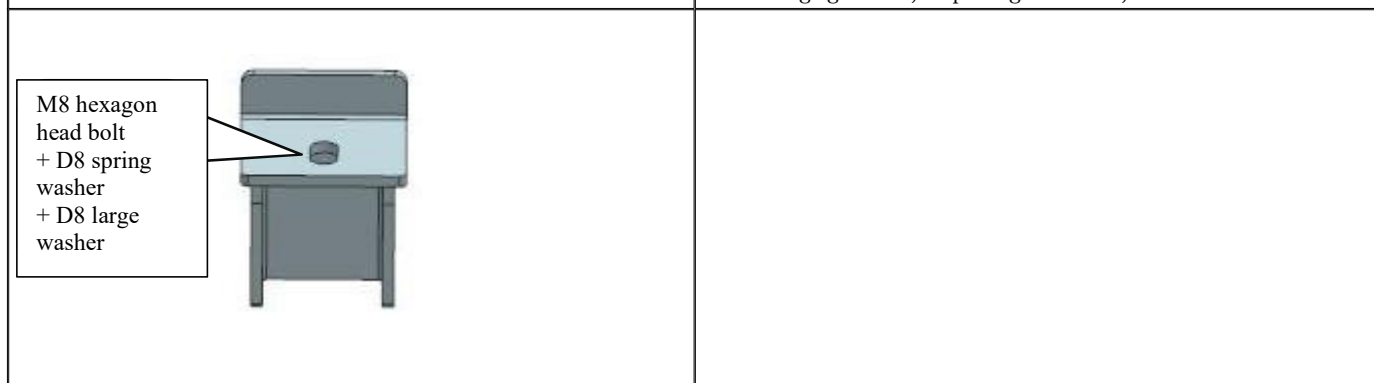


1.2 Installation Precautions: Pry off from the direction of the arrow and remove the jack car bracket.

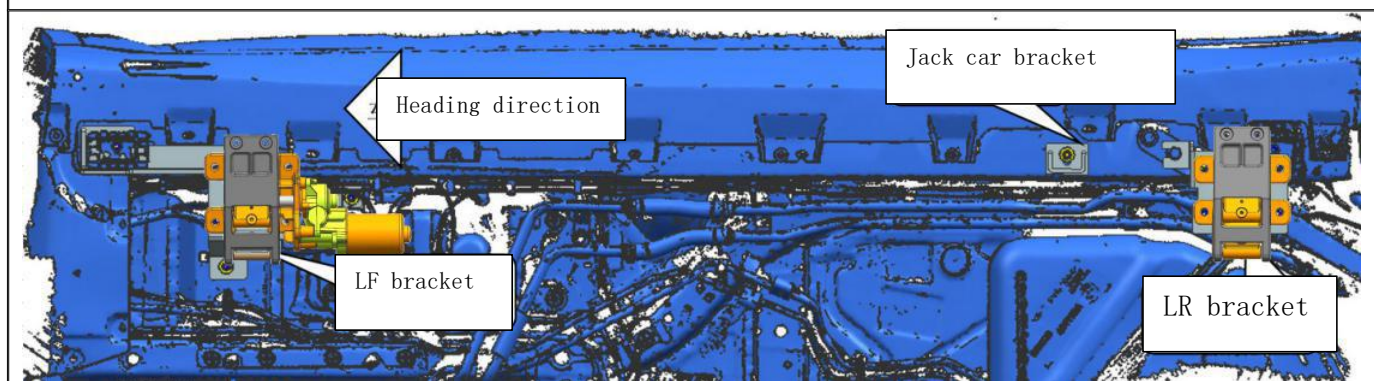


1.3 Left front bracket installation: nuts for installation and fixation;

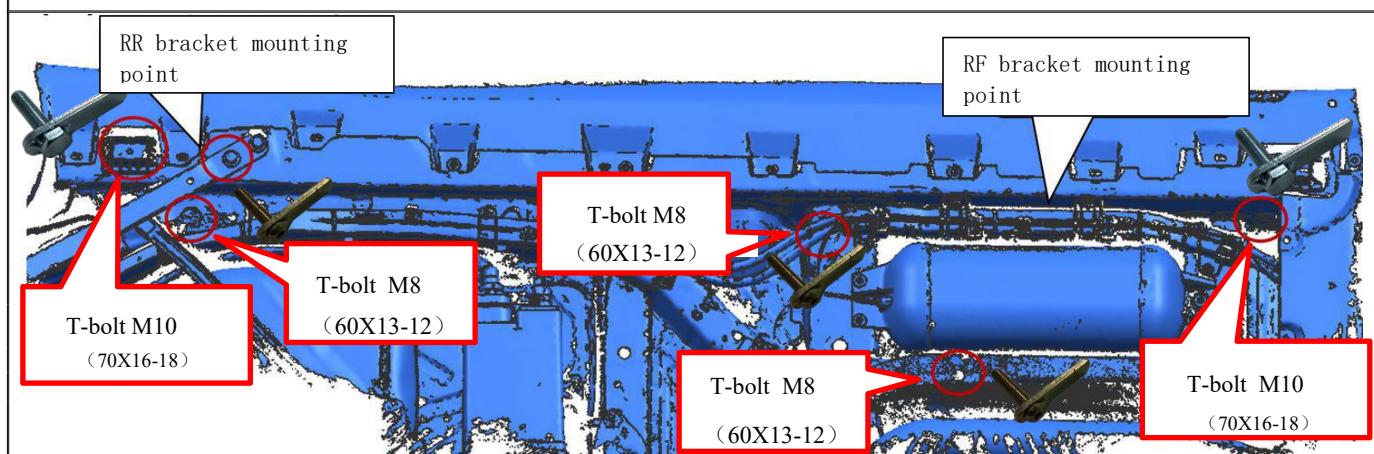
1.4 Installation of the left rear bracket: The nut is used for installation and fixing; use the matching gasket, spring washer,



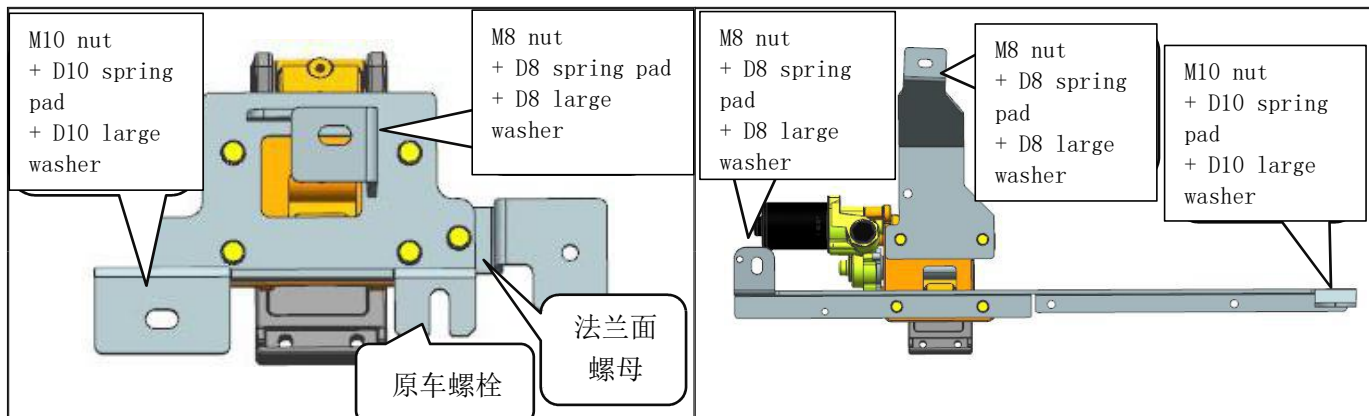
1.5 Left rear jack car bracket installation: use the supporting washer, spring pad and nut to install and fix the position shown in the figure;



1.6 Left bracket installation: the picture after installation

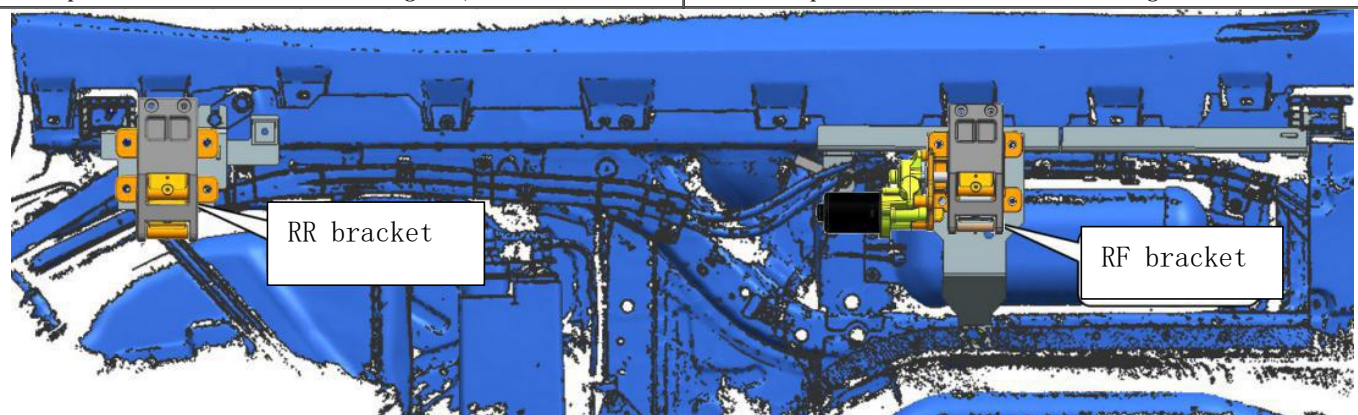


1.7 location map of the original screw hole on the right side: first remove the chassis guard board, remove the rubber plug at the position shown in the figure, then assemble the matching T-bolt and plastic clamp block, and then assemble the T-bolt to the original hole position as shown in the figure above;

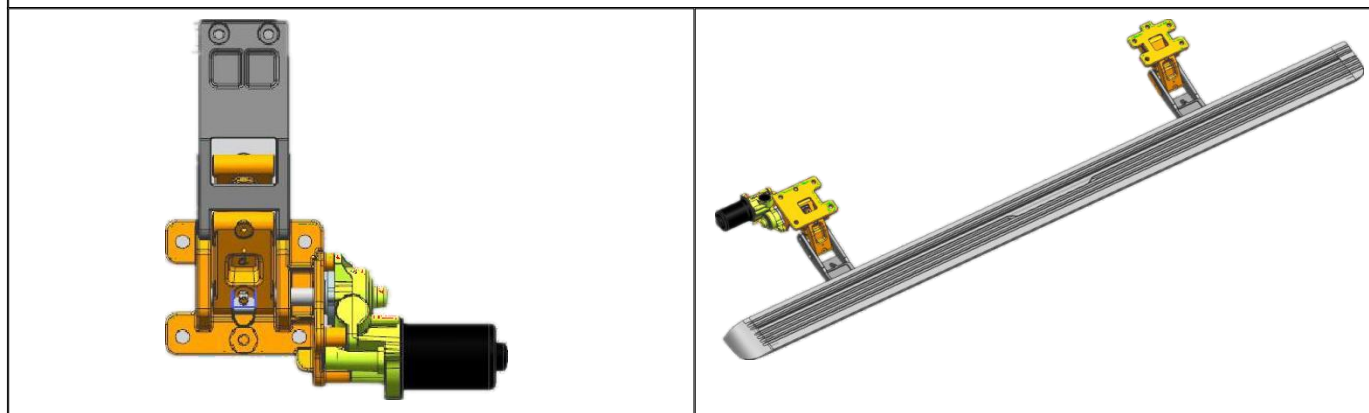


1.8 RR bracket installation: Use the matching washer, spring washer and nut to install and fix the position shown in the figure;

1.9 RF bracket installation: Use the matching gasket, spring washer and nut to install and fix the position shown in the figure

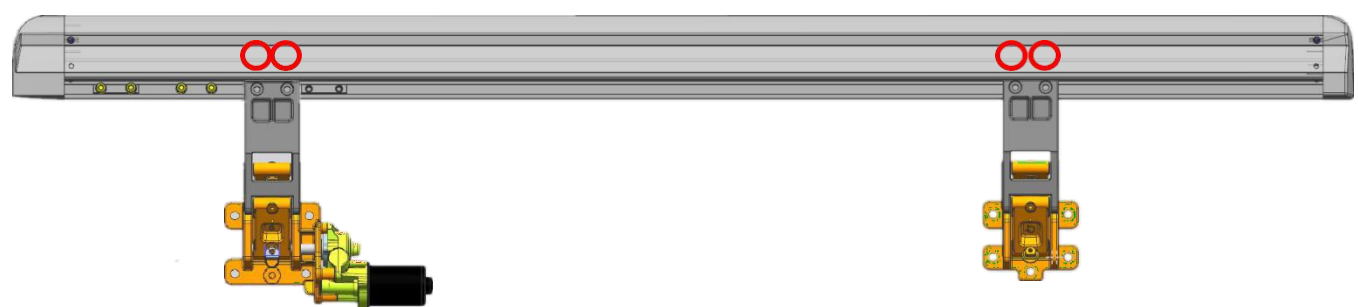


2.0 installation of right bracket: schematic diagram after installation;



2.1 panel installation: after the bracket is installed, use the supporting controller to expand the bracket, and then install the panel;

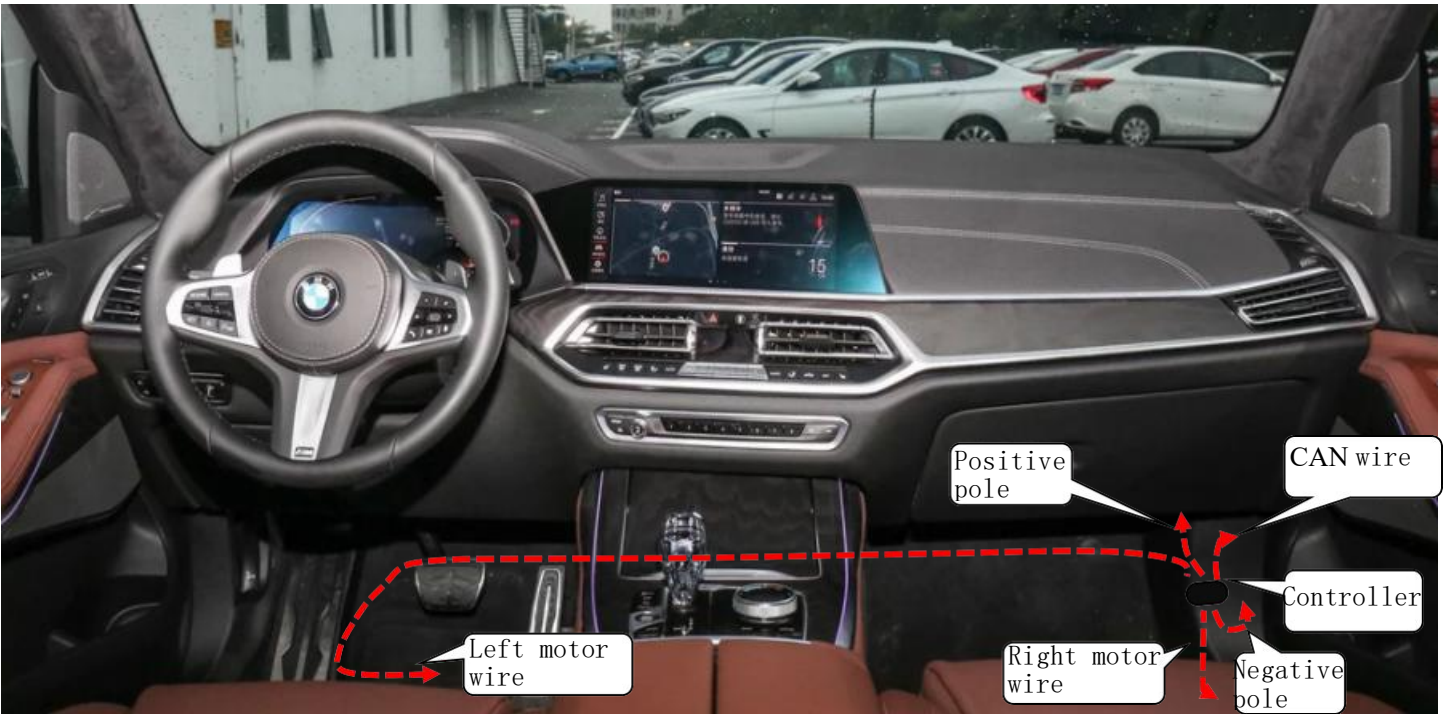
2.2 Panel installation: Check whether the bracket is installed flat by moving the panel back and forth smoothly. If the panel does not move smoothly, adjust the mounting bracket to avoid distortion of the pedal after installation.



2.3 Panel installation: After confirming that there are no problems, tighten the bolts shown in the figure;

2.4 Cutting of the chassis guard plate; buckle the bottom guard plate of the original car to the chassis, and mark and cut off the interference part of the guard plate and the bracket;

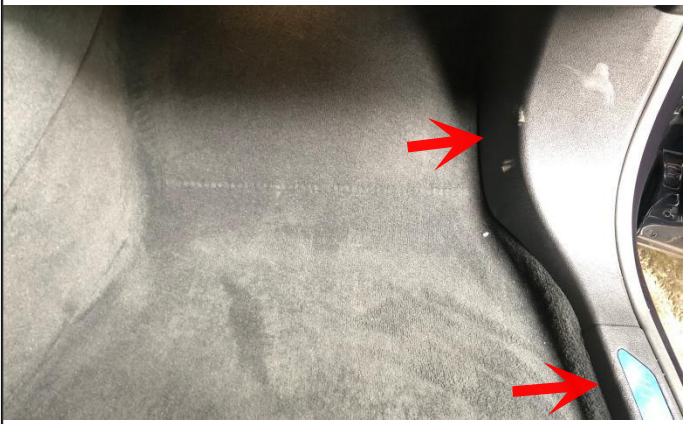
Five, Wires installation



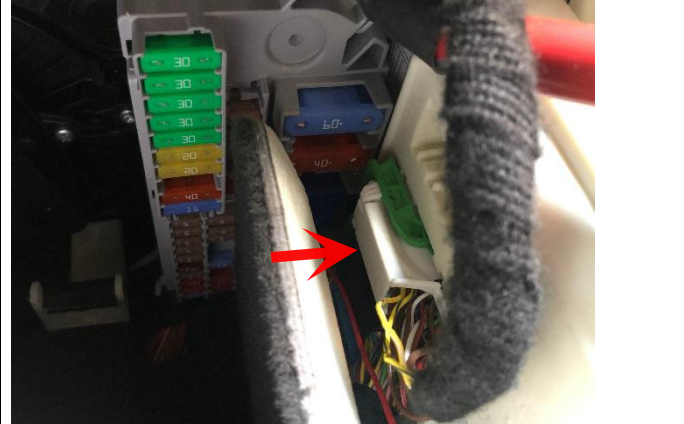
1.1 Disassembly of the interior: remove the interior at the position indicated by the arrow;



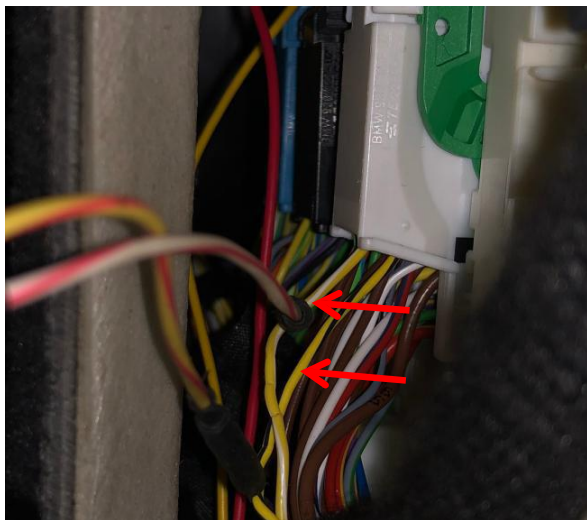
1.2 Disassembly of the interior trim: Remove the triangle position of the main driver, which is convenient for wearing the left motor wire;



1.3 Disassembly of interior trim: Pay attention to the order of disassembly here, first remove the foot pedal, and then the B pillar interior trim panel



1.4 Connect CAN line: find the white plug pointed by the arrow in the position of the co-pilot triangle;



1.5 Connect to CAN wire: the original car is white-yellow to connect our red-white; the original car is yellow-black to connect our red-yellow;



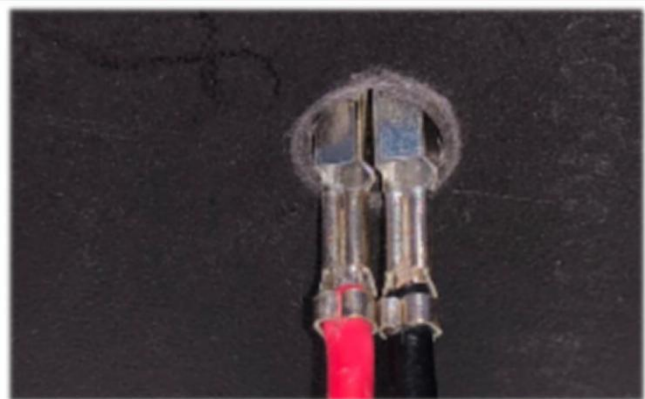
1.6 Right motor threading hole: Open the foot pad and sponge to see the threading hole at the position shown in the figure.



1.7 Right motor threading hole: Open the foot pad and sponge to see the threading hole at the position shown in the figure.



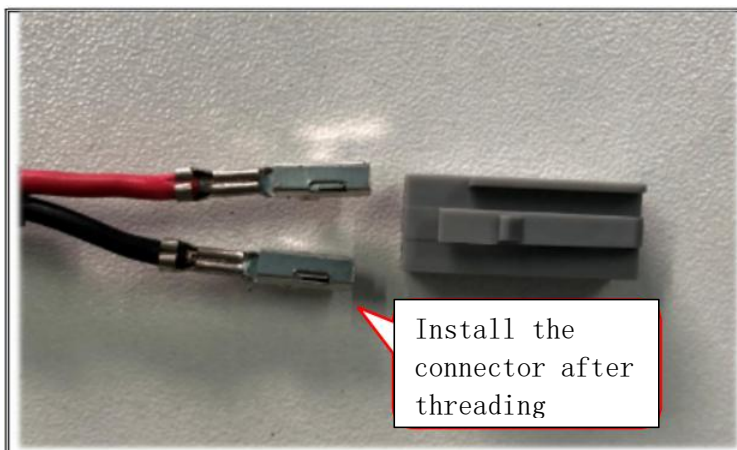
1.8 right motor threading hole: use tools to open holes on the rubber plug. It is recommended to open the hole with the size of 8mm, and connect the wires according to the method shown in the figure. Pay attention to avoid driving the inner harness;



1.9 attention: Please note that the connector cannot be installed before threading;



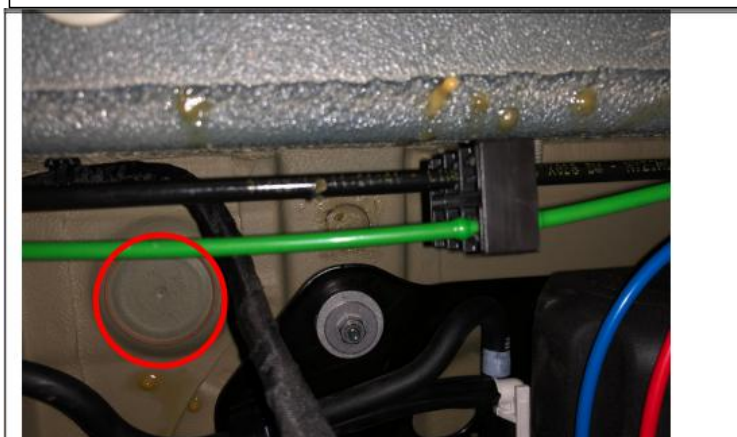
2.0 waterproof of right motor line: after the motor line passes through the chassis, the gap between the motor line and the rubber plug needs to be sealed with waterproof glue;



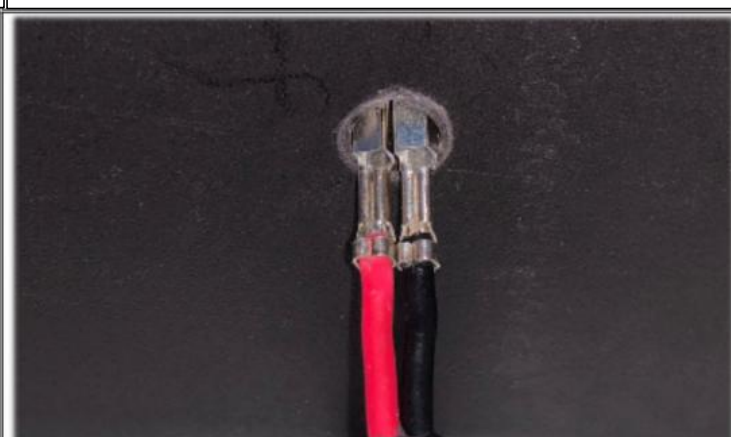
2.1 right motor threading hole: the position shown in the figure is the right motor threading hole position in the vehicle;



2.2 threading hole of left motor: the position shown in the figure is the threading hole position of left motor in the vehicle;



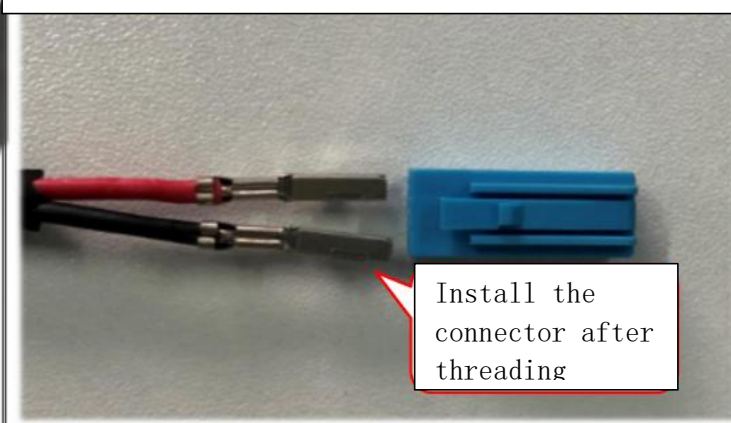
2.3 Left motor threading hole: Use a tool to make a hole in the rubber plug. The recommended hole size is 8mm. Connect the wire as shown in the figure. The hole is to avoid driving the wiring harness;



2.4 Note: please pay attention not to install connector before threading;



2.5 waterproof of left motor wire: after the motor line passes through the chassis, the gap between the motor line and the rubber plug needs to be sealed with waterproof glue;



Left motor installation connector: after the motor line passes through the rubber plug hole, insert the matching gray connector according to the line color shown in the figure. Reverse insertion may cause abnormal

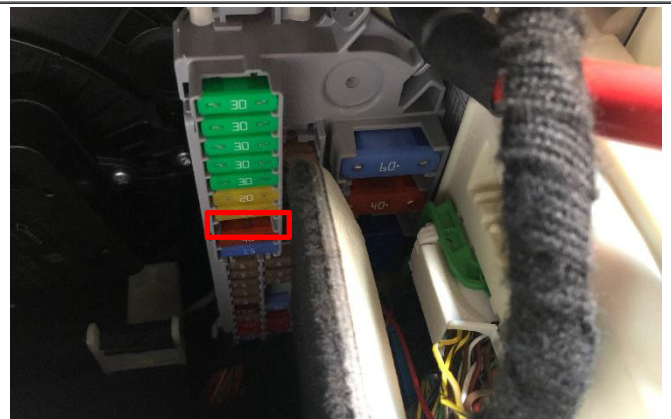
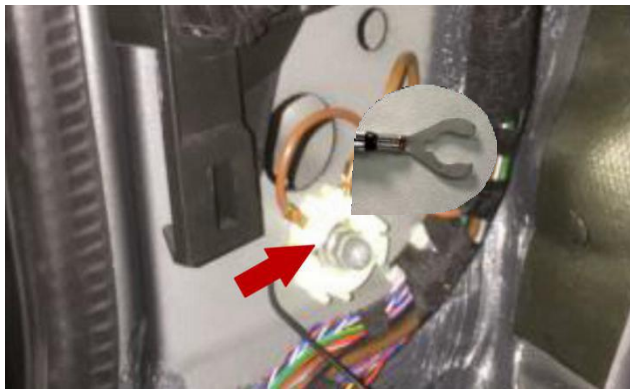


2.7 Left motor wire, positive pole threading:left motor wire is arranged as shown in the figure



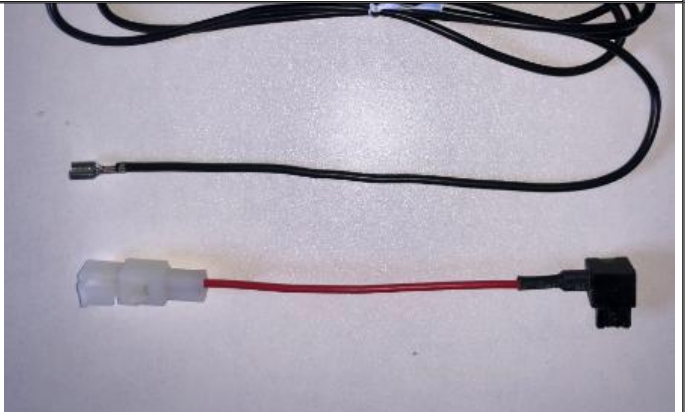
2.8 Left motor cable, positive pole threaded. The left motor line is arranged as shown

The thread color is inserted into the matching gray connector. Reverse insertion may cause the side step to be abnormal;



2.9 Connecting the negative pole: Insert the negative pole of our company and tighten the screws;

3.0 Connect to the positive pole: find the original car fuse box, and plug in our electric appliance;



3.1 connect the positive pole; fuse the current collector

3.2 Connect to positive electrode; The longer end of the power cable is the positive pole of the power supply, and the terminal shown is positive;



3.3 Installing the controller: After confirming that the function is normal, insert all plugs as shown in the figure;

3.4 Restore: Restore the disassembled interior after the product is installed;

6. About the lifting vehicle: After the electric side step is installed, the lifting position of the original vehicle may be blocked by the step. It is recommended to use the entire vehicle lift for maintenance. If you need to use the original roof parking space to lift in an emergency, use the M8 hexagon wrench at the nearest hardware store or repair shop to remove the following mounting panel screws and use the original car's lifting position.



