浙江豪中豪健康产品有限公司

A801Massage chair after-sales repair guide

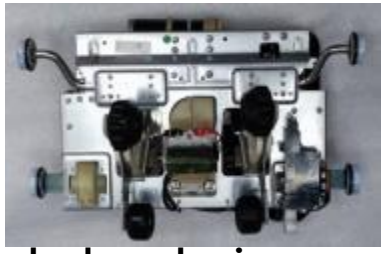
售后服务部

2022年10月

Contents

One、Part name

1.1 Commonly used parts (Detailed parts refer to parts list)

 Armrest assembly	 Capsule assembly	 Small headrest assembly	 Remote bracket	 Power board
 Upper back mechanism assembly	 Calf assembly	 Backrest cushion assembly		
 Lower back mechanism assembly	 Remote control			

1.2 Commonly used parts (Detailed parts refer to parts list)

<table>
<tr>
<td> 
Upper back mechanism board</td>
<td> 
Mainboard</td>
<td> 
Calf kneading assembly</td>
<td> 
Calf cylinder</td>
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<tr>
<td> 
Left armrest board</td>
<td> 
Calf mainboard</td>
<td rowspan="2"> 
Backrest cylinder</td>
<td rowspan="2">  </td>
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<tr>
<td> 
Right armrest board</td>
<td> 
Lower back mechanism board</td>
</tr>
</table>

2.1 Product specification

Number ：A801

Name：Massage chair

Noise：≦ 60dB

Rated voltage：110-120V~ 50/60Hz

Rated power：220W

Standby power ： <1

Rated time ：20mins

Safety structure ：Class Ⅰ

Executive standard ：GB4706.1-2005 GB4706.10-2008

Main G.W ：148KG N.W：127.5KG

Armrest G.W ：33KG N.W ：27KG

Calf G.W ：36KG N.W ：32KG

Package size ： Main body：151.5*79.5*93

Armrest ：145*79*42 Calf ：58*54*66

MOQ ：13/29/38pcs

Valve：11pcs

Airbag ：36pcs

Atmospheric pressure：0.02-0.028MPa

2.2 Product size

Three、 Product function

3.1 Main functions (Refer to the instruction manual for detailed functions)

4D/3D Back mechanism (with jade) : Kneading, tapping, kneading& tappingand other functions

Airbag massage: Airbag pulse massag

Shawl heating: promotes blood circulation

Leg stretching up and down/foot stretching back and forth: adjust as you like

Bluetooth speaker components: Heart with music singing enjoy massage

Support USB and wireless charging function

Voice control: speech listening machine from, free hands

Health detection: Using optical frequency digital conversion technology, accurate detection of blood oxygen saturation, heart rate, fatigue index, microcirculation 4 indexes

3.2 Main functions (Refer to the instruction manual for detailed functions)

LED touch screen: display the current operation interface, one touch is moved, so that you can adjust the massage program at will, massage body control with one key

Backrest heating: The use of thermal effect electromagnetic waves to dilate blood vessels, improve blood circulation, promote inflammatory absorption and improve the nutritional relationship of cells and new metabolism

Calf kneading: Kneading and air bag kneading function, for the leg muscle stiffness or tension caused by standing for a long time to relieve fatigue in the form of kneading.

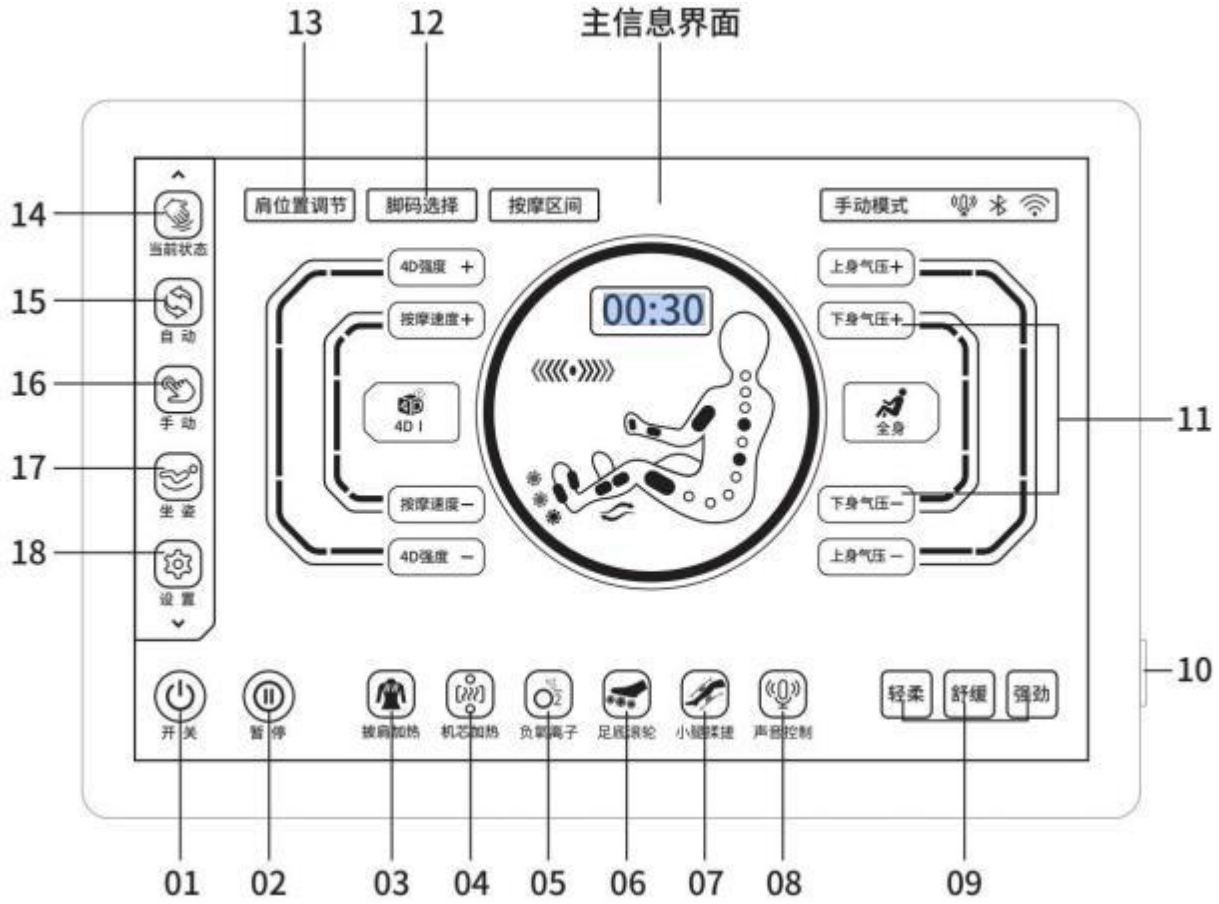
AI body shape detection: Use Hall and intelligent body pressure sensing technology to automatically detect human body shape and shoulder position

Negative ions: continuous release of negative oxygen ionization, in the confined space in the air to reduce the amount of dust more than 98%

Roller scraping: Simulation roller scraping massage chair improves blood circulation and metabolism

Four、 Introduction to the manual interface

4.1 Manual key function (Refer to the manual for detailed functions)



1、Touch switch

2、Pause

3、Shawl heating

4、Back mechanism heating

5、Negative ions

6、Foot roller

7、Calf kneaning&rubbing

8、Voice control

9、Massage strength

10、Push button switch

11、Lower body pressure strength

12、Foot size selection

13、Shoulder position adjustment

14、Current status

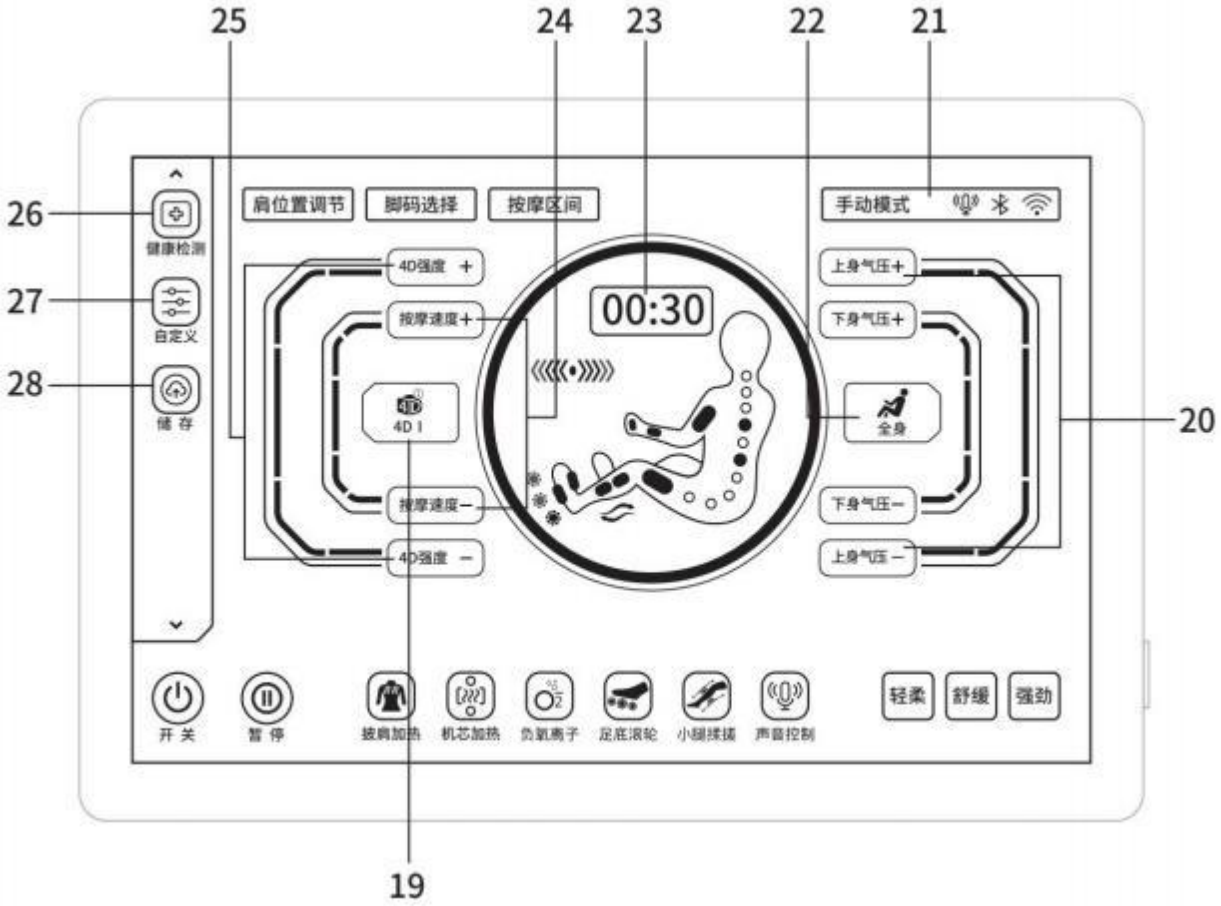
15、Auto function menu

16、Manual function menu

17、Sitting position adjust menu

18、Set the menu

4.2 Manual key function (Refer to the manual for detailed functions)



19、Massage technique select

20、Upper body pressure strength

21、Status display bar

22、Air massage select

23、Time adjust menu

24、Massage speed

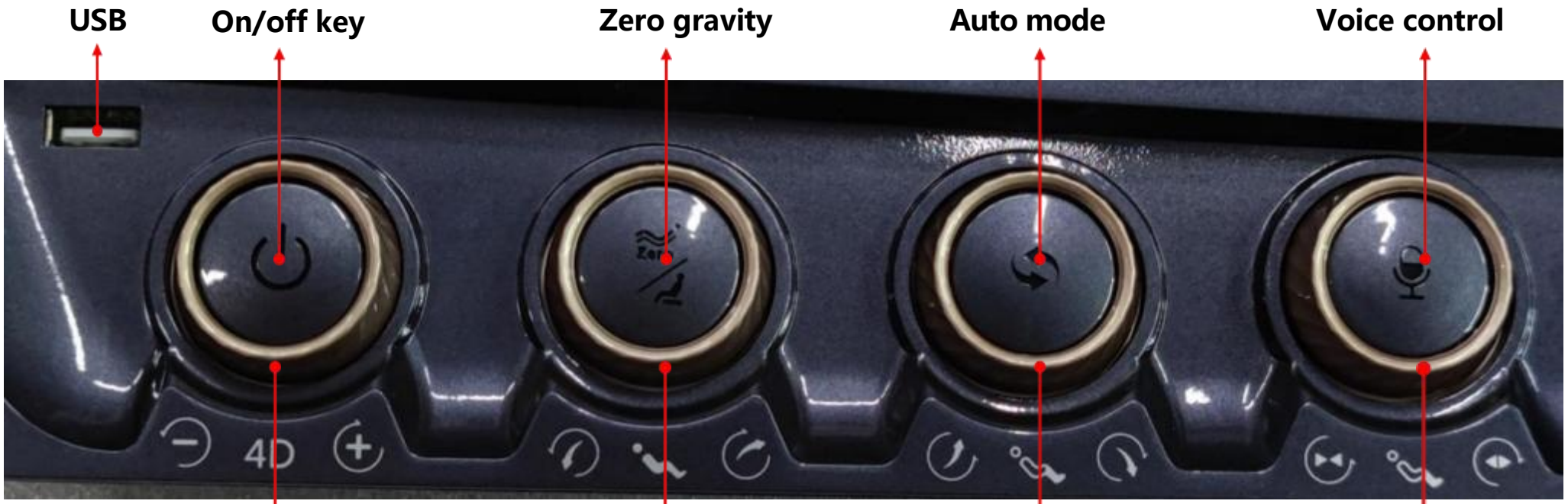
25、4D strength

26、Health check menu

27、Customize menu

28、Save menu

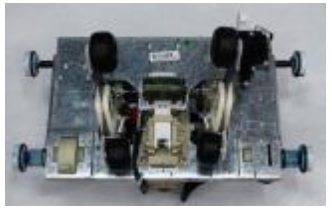
4.3 Manual key function (Refer to the manual for detailed functions)



Five、 Product internal structure

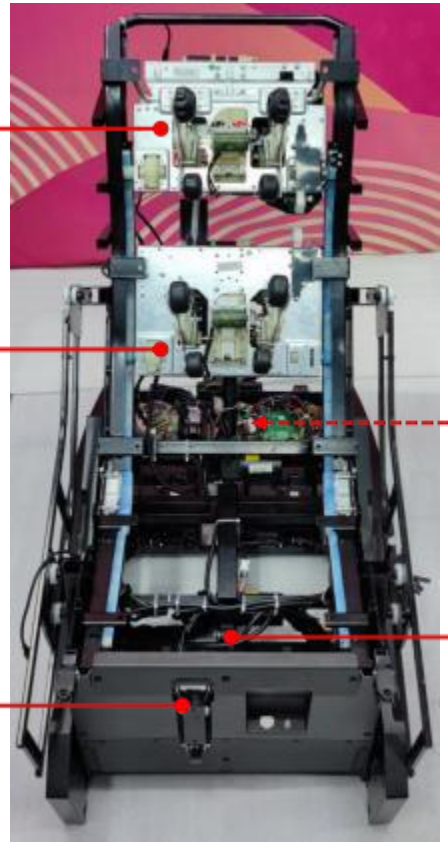
5.1 Internal main distribution

Upper back mechanism assembly

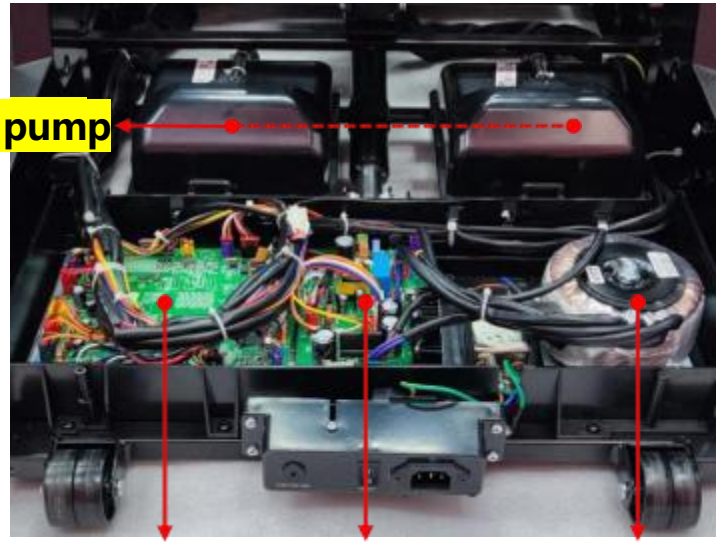


Lower back mechanism assembly

Calf cylinder



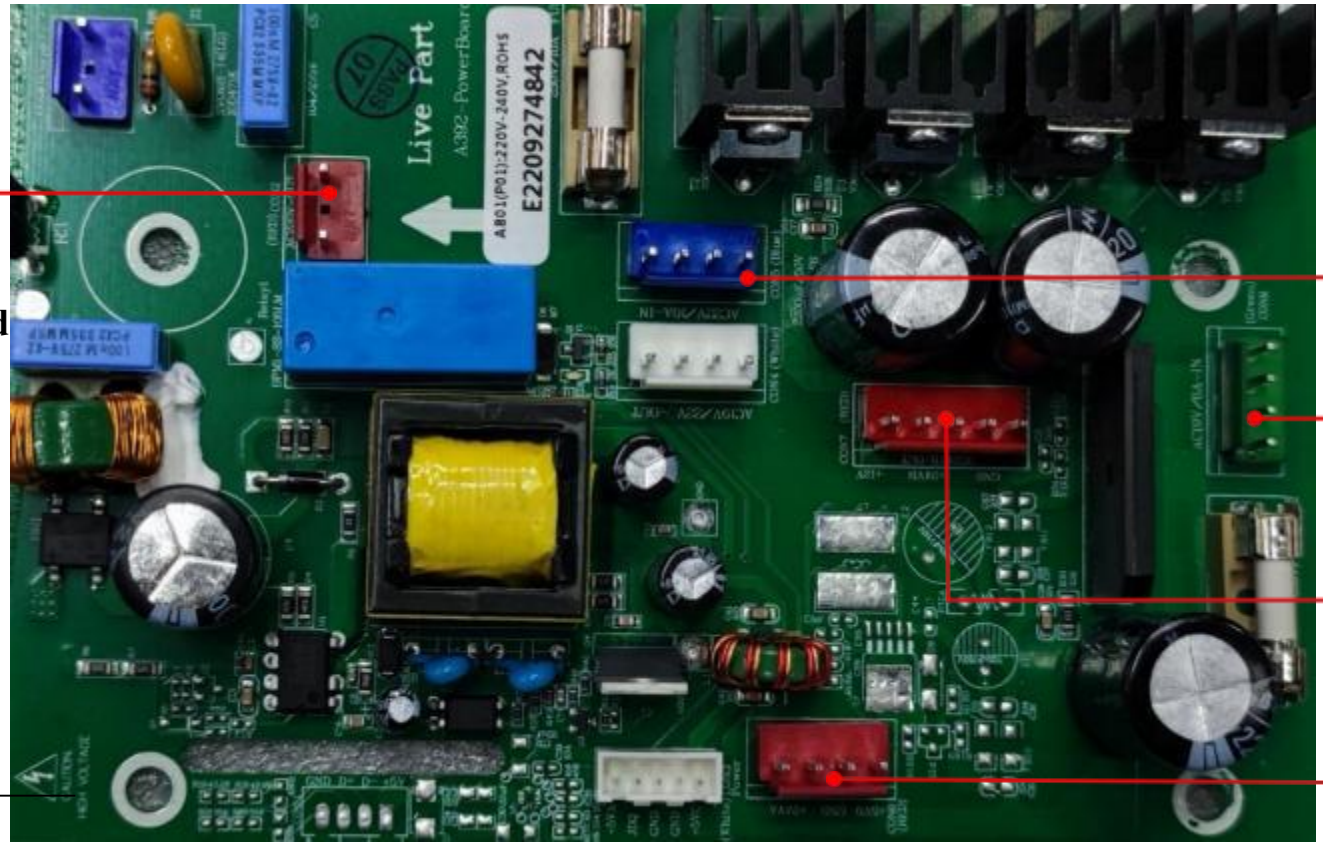
Air pump



Mainboard Powerboard Ring transformer

Pedestal electric cylinder

5.2 Mainboard plug-in layout (Mainboard)



Electrical source A C 220V input

AC 220 V input transformer

Output AC19V/22V to the mainboard

DC5VA/ 5VC
Feed into mainboard

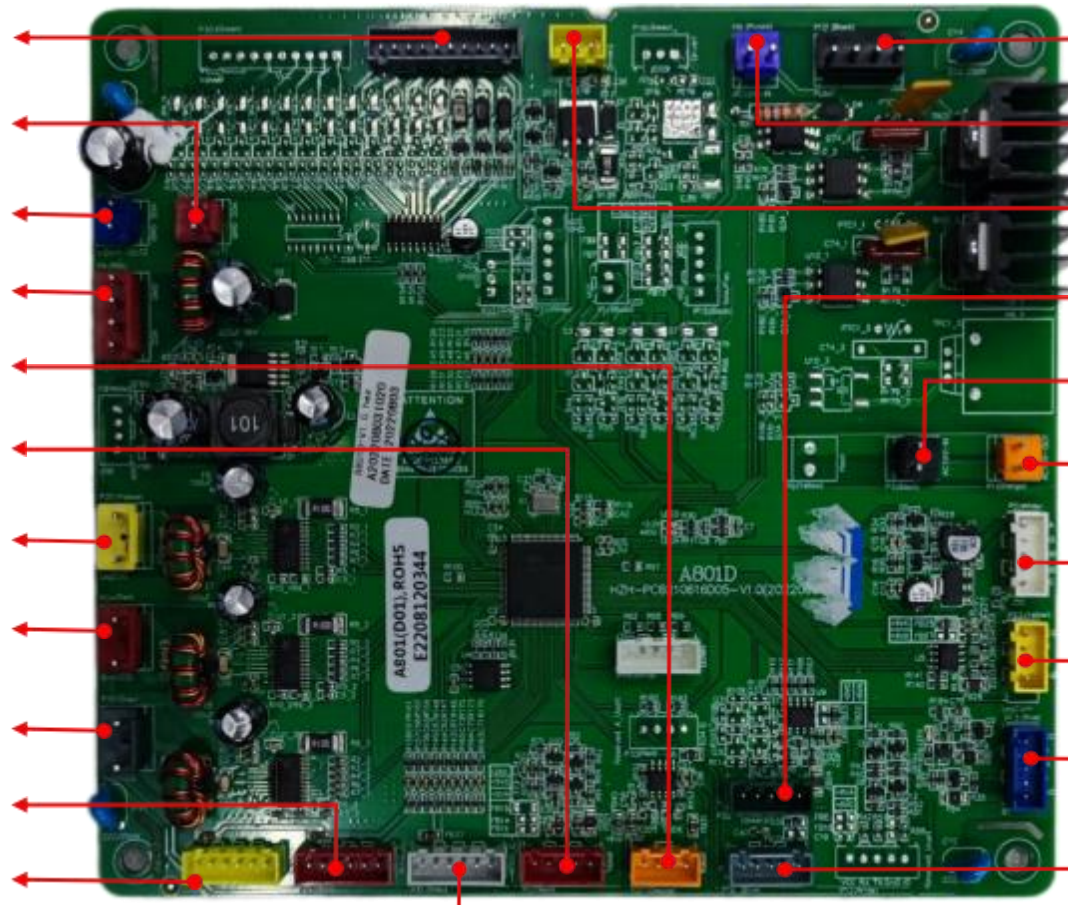
Transformer input AC22V

Transformer input AC19V

back mechanism DC24V input

DC 2 4 V/ 5 V B input
mainboard

5.3 Mainboard plug-in layout (Mainboard)



Left armrest/shoulder solenoid valve

Left armrest mainboard power supply

Right armrest mainboard power supply

Power board DC24V input

Back mechanism plug-in

Remote controller plug-in

Lower leg electric cylinder plug-in

Backrest electric cylinder plug-in

seating electric cylinder plug-in

Backrest electric cylinder detection plug-in

Calf electric cylinder detection plug-in

Seat electric cylinder detection plug-in

Armrest leg air pump plug-in

Input AC22V to the power module

Backrest heating plug-in

Left armrest drive plate detection plug-in

Power input AC19V

Enter calf AC19V

Power input 5VA/5VC

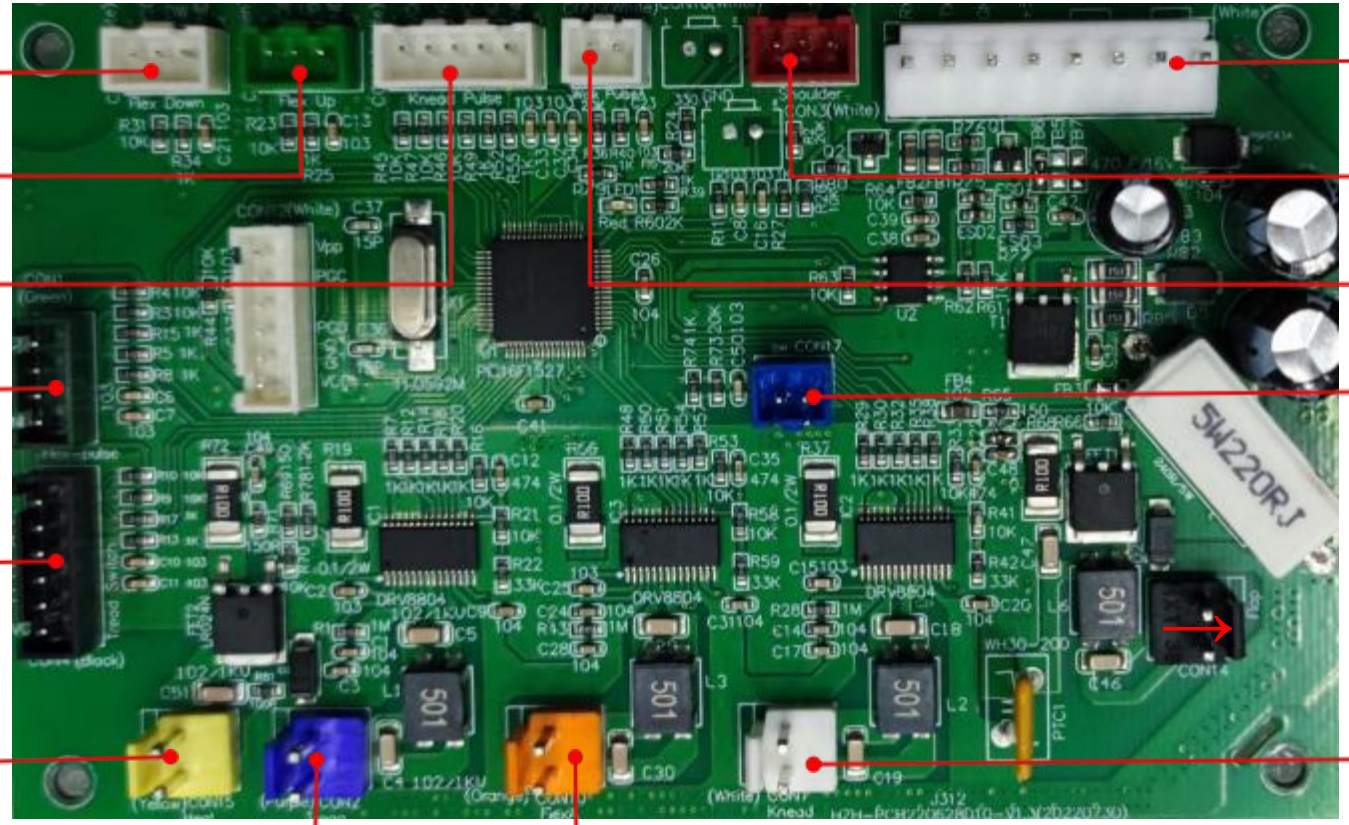
Calf detector

Online voice-activated plug-in

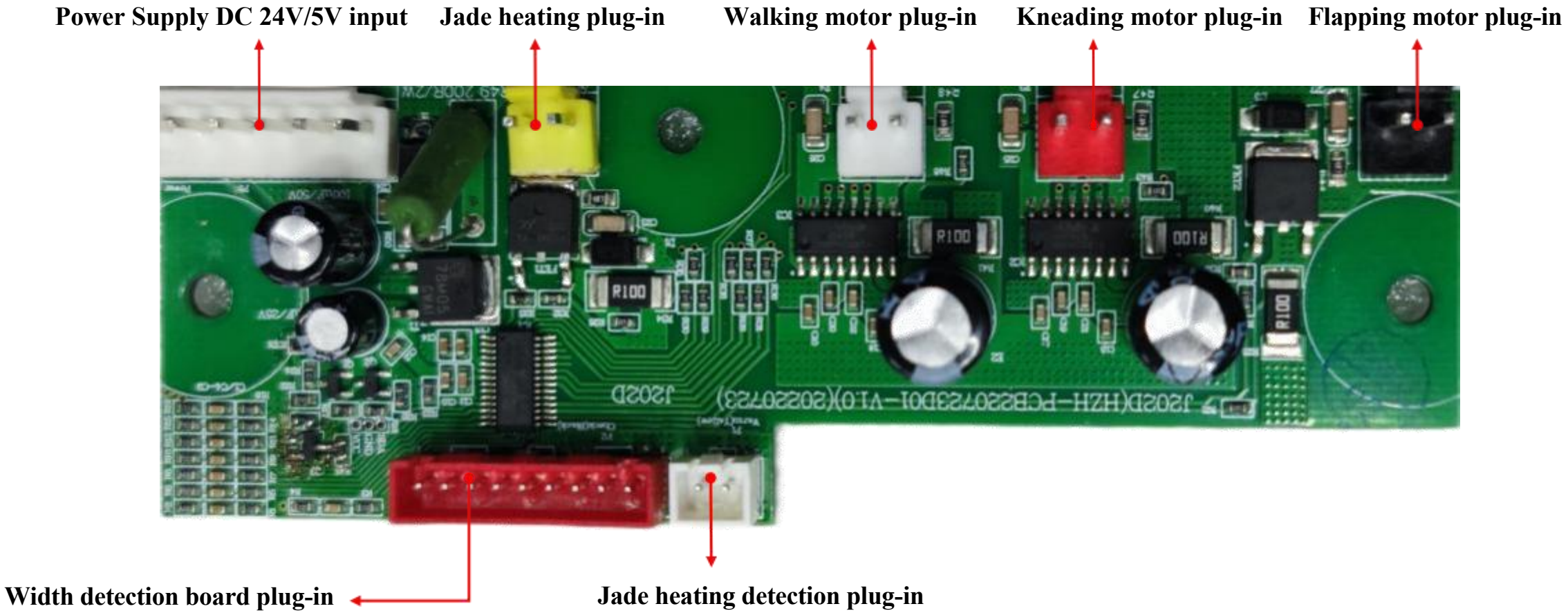
Right armrest drive plate detection plug-in

Five、 Product internal structure

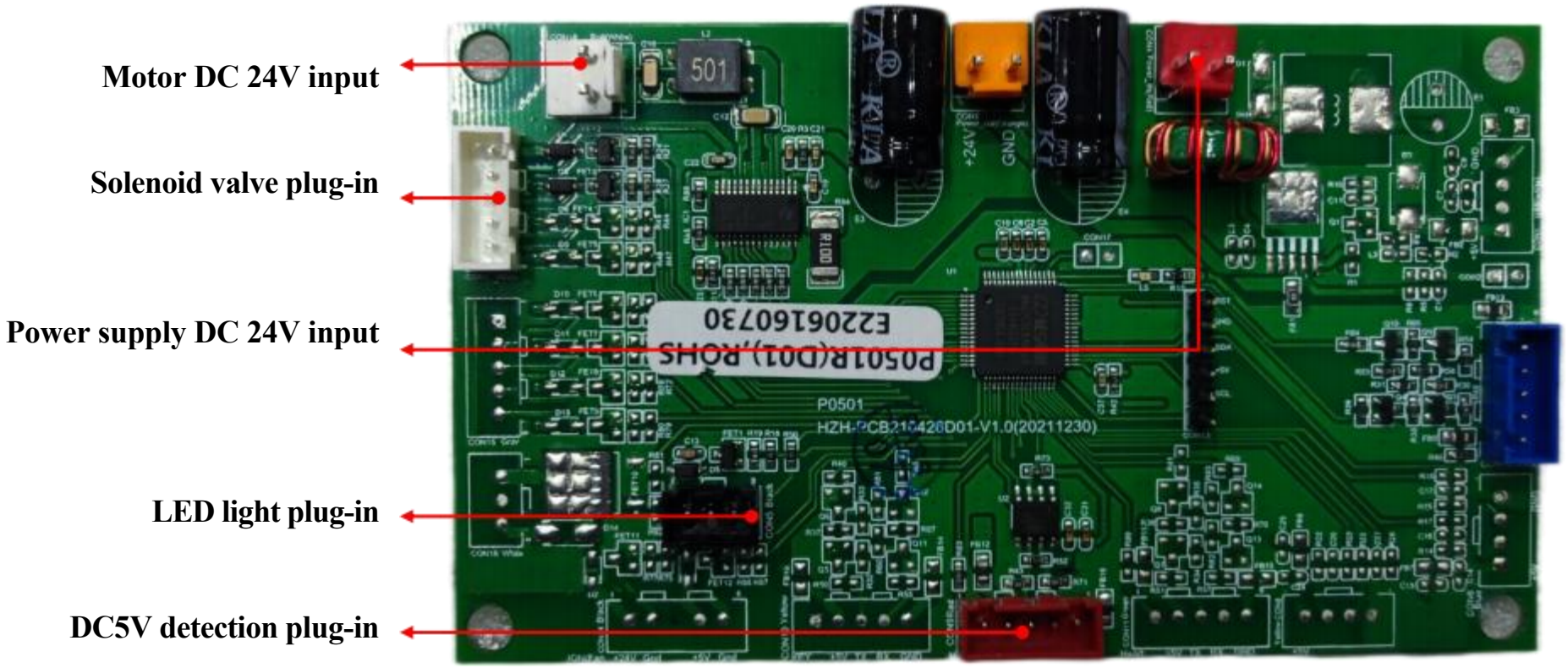
5.4 Mainboard plug-in layout (Upper back mechanism mainboard (J312-1))



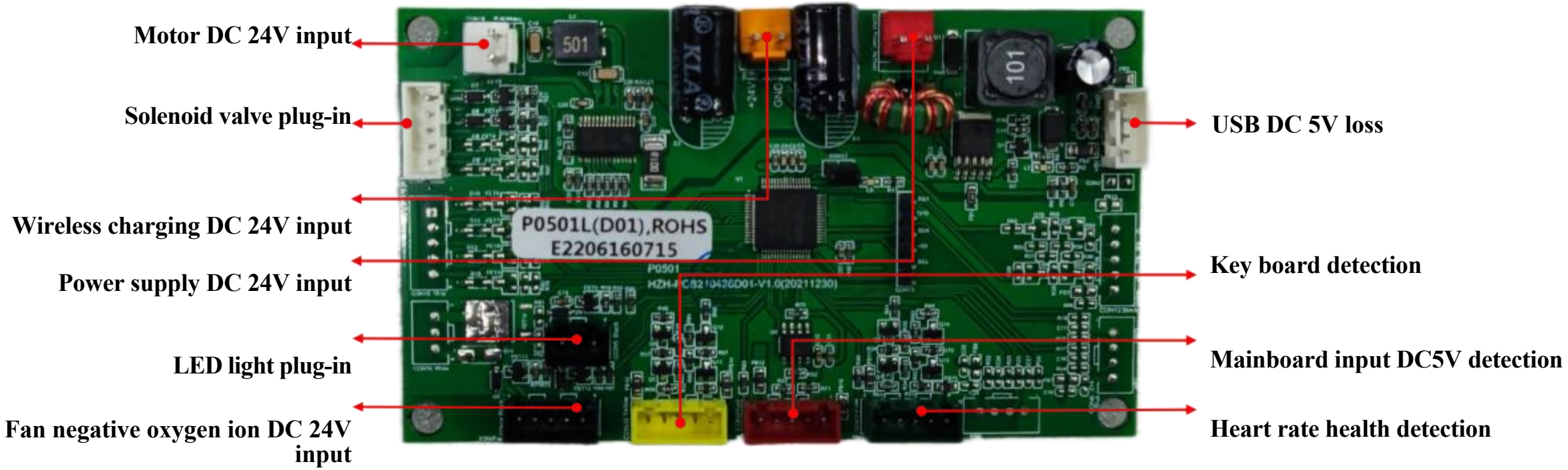
5.5 Mainboard plug-in layout (Lower back mechanism mainboard (J202)



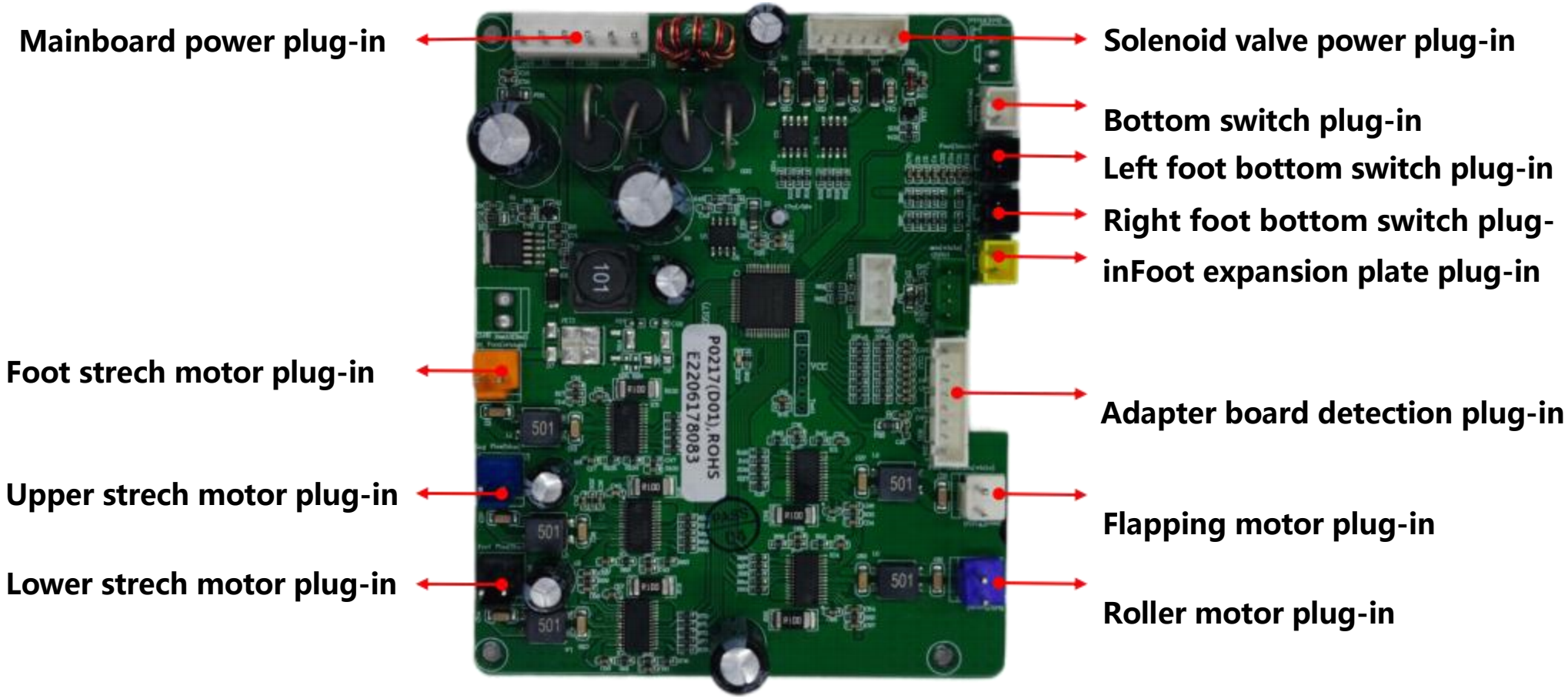
5.6 Mainoard Plug-in Layout (Right armrest mainoard)



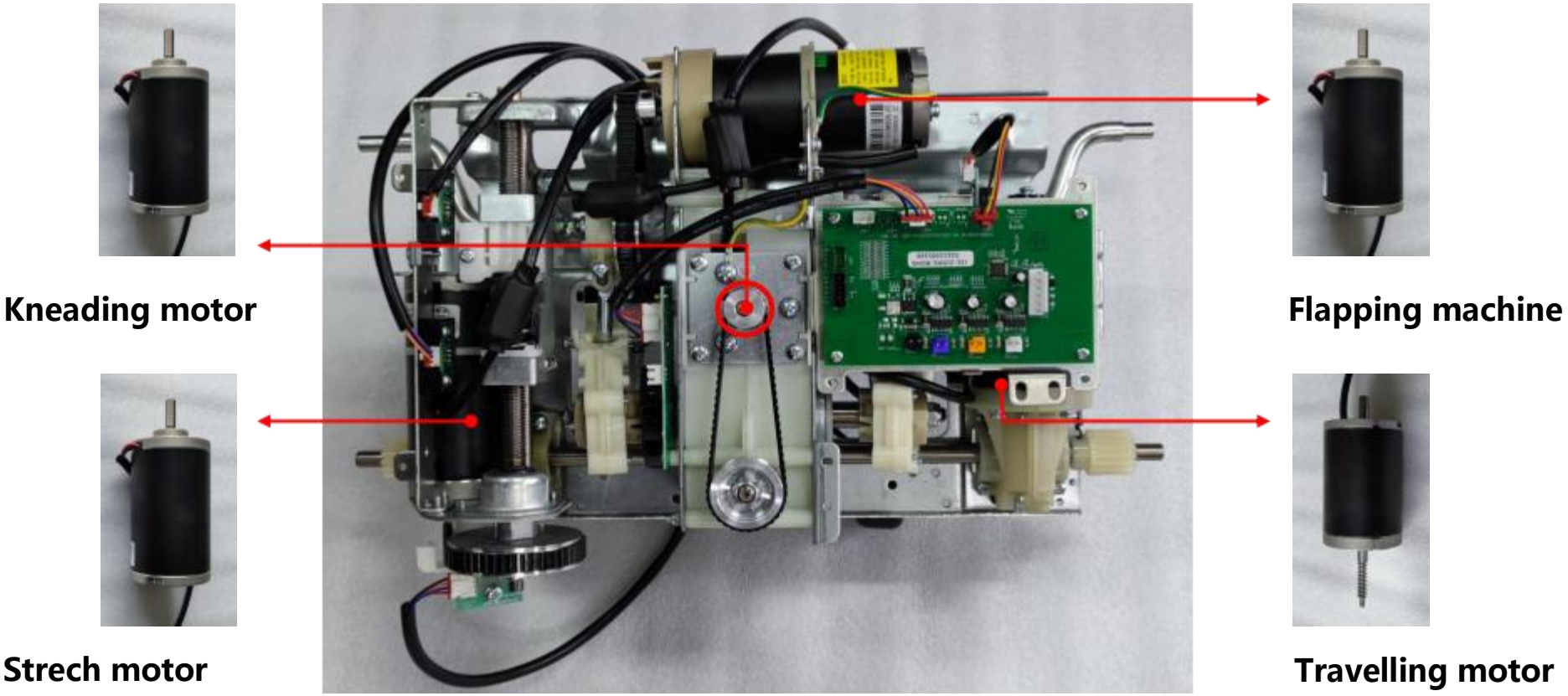
5.7 Mainboard plug-in layout (Left armrest mainboard)



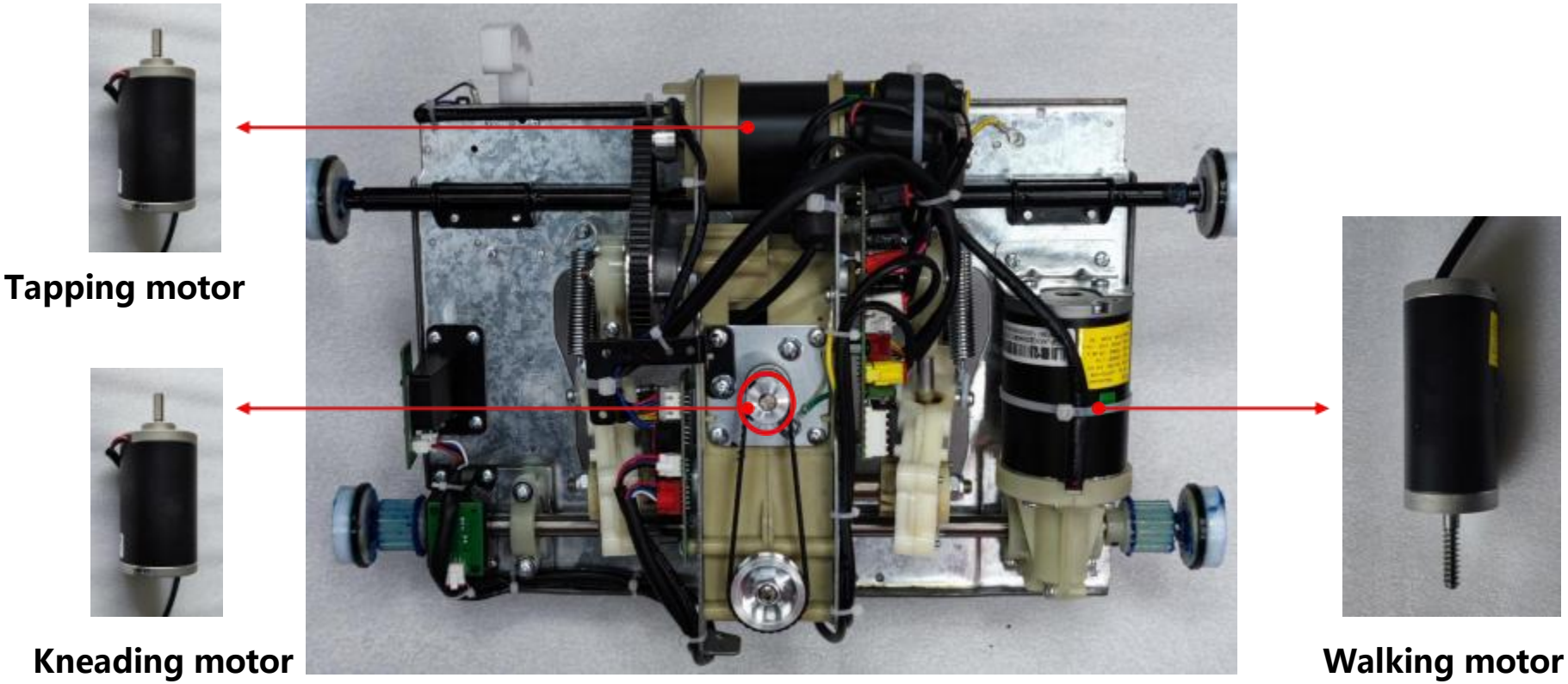
5.8 Mainboard plug-in layout (Calf mainboard)



5.9 Back mechanism assembly motor layout (Upper back mechanism assembly)



5.10 Back mechanism assembly motor layout (Lower back mechanism assembly)



Six、 Disassemble product parts

6.1 Product disassembly (Calf Assembly)

A

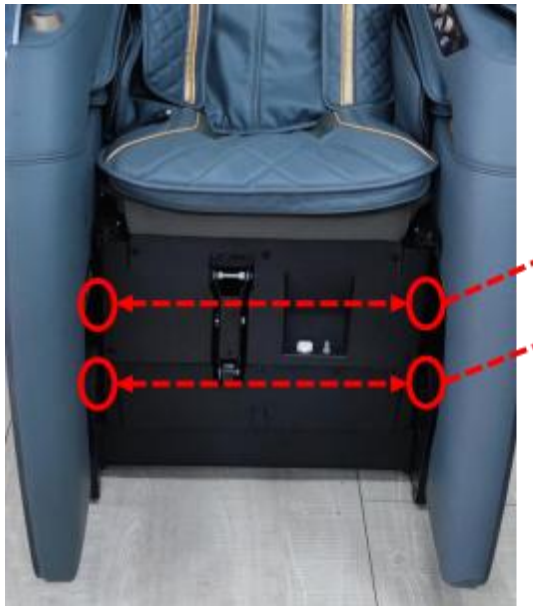
B

C

D

1. Unzip the lower leg zipper in FIG. A.
2. Remove the fixing cover screws at the second end of the lower leg in FIG. B.
3. Separate the lower leg air pipe in FIG. C from the plug-in
4. Remove the calf as shown in Figure D

6.2 Product disassembly (Armrest assembly)



A

B

C

D

1, Figure A armrest 2 side screws removed (screw location in Figure B) a total of 4)
2, Figure B armrest removed and separation of air tubes and inserts
3, remove the armrest as shown in Figure D

6.3 Product disassembly (Capsule assembly)

A

B

C

D

1、 Pull out the left air tube in Figure A.

2、 Remove the tie and air tube on the right side of Figure B.

3、 Remove the left and right screws on the inside of the capsule at the location of Figure C.

4、 Remove the capsule as in Figure D.

6.4 Product disassembly (Remote control bracket assembly)

A

B

C

D

1, With a small word screwdriver with a cloth package, the figure A small decorative removed, as shown in Figure B.

2, The figure C position at the inner fixed screws removed

3, Move out of the hand-control bracket as shown in Figure D.

6.5 Product Disassembly (Short cut key Assembly)

A

B

C

1, with a small one screwdriver wrapped in cloth, the figure A shortcut button removed 2, the figure B position at the link plug-in removed 3, remove the key assembly as shown in Figure C

6.6 Product Disassembly (Health Detection Assembly)

A

B

C

1, With a small screwdriver wrapped in cloth to remove the components of Figure A.

2, Figure B location of the link plug-in removed

3, Remove the health detection key components as shown in Figure C.

6.7 Product Disassembly (Armrest Air Bag)

A

B

C

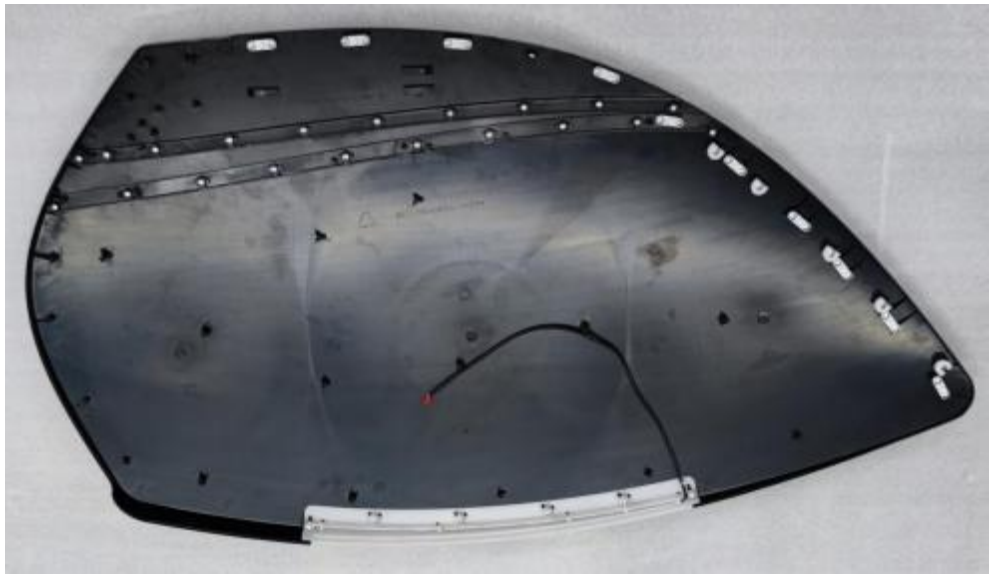
1, Move the zipper out of Figure A and remove the internal link air tube

2, Remove the screws at Figure B.

3, Remove the handrail airbag bag as shown in Figure C

6.8 Product disassembly (Outer cover of armrest)

A

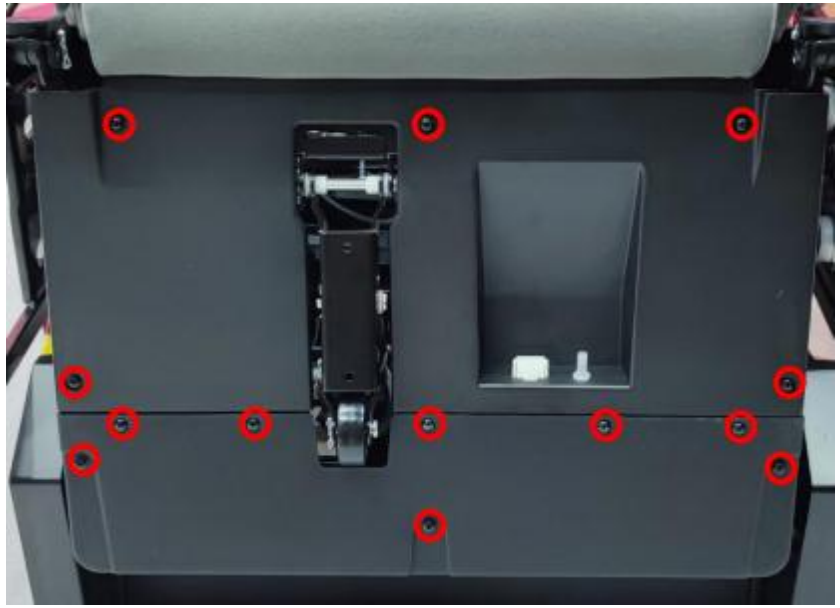


B

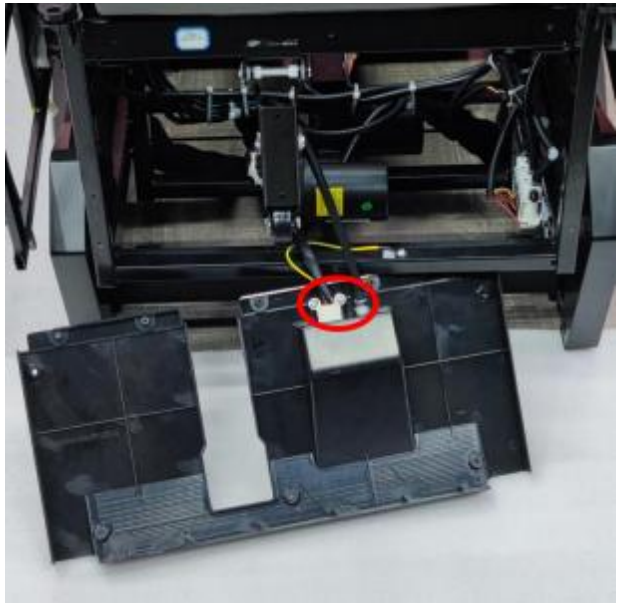
1, Figure A handrail airbag holster inner screws and external screws can be removed to separate

2, remove the outer cover of the handrail as Figure B

6.9 Product disassembly (Front sealing plate)



A

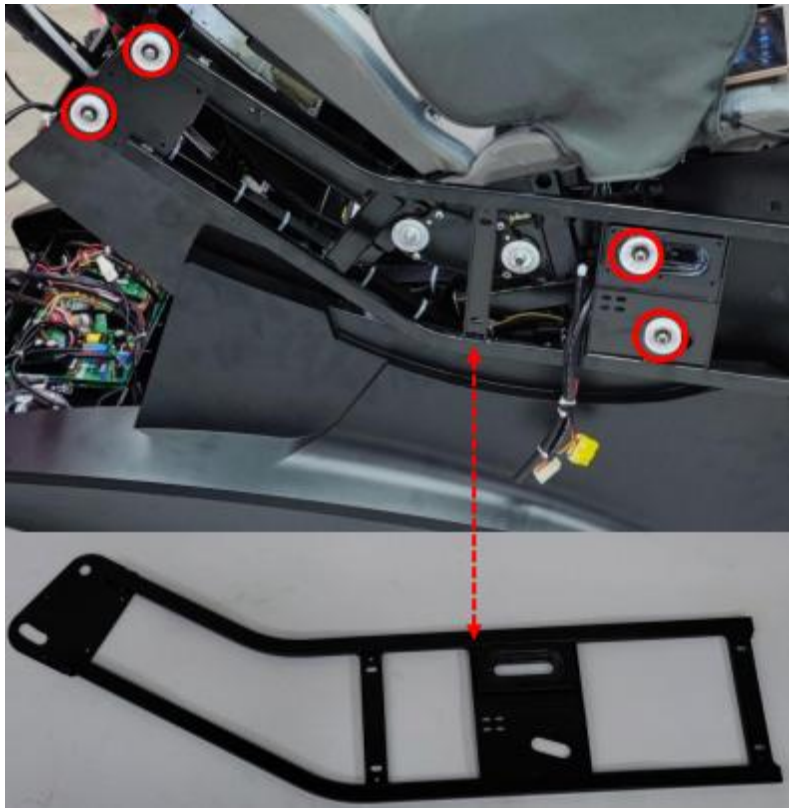


B

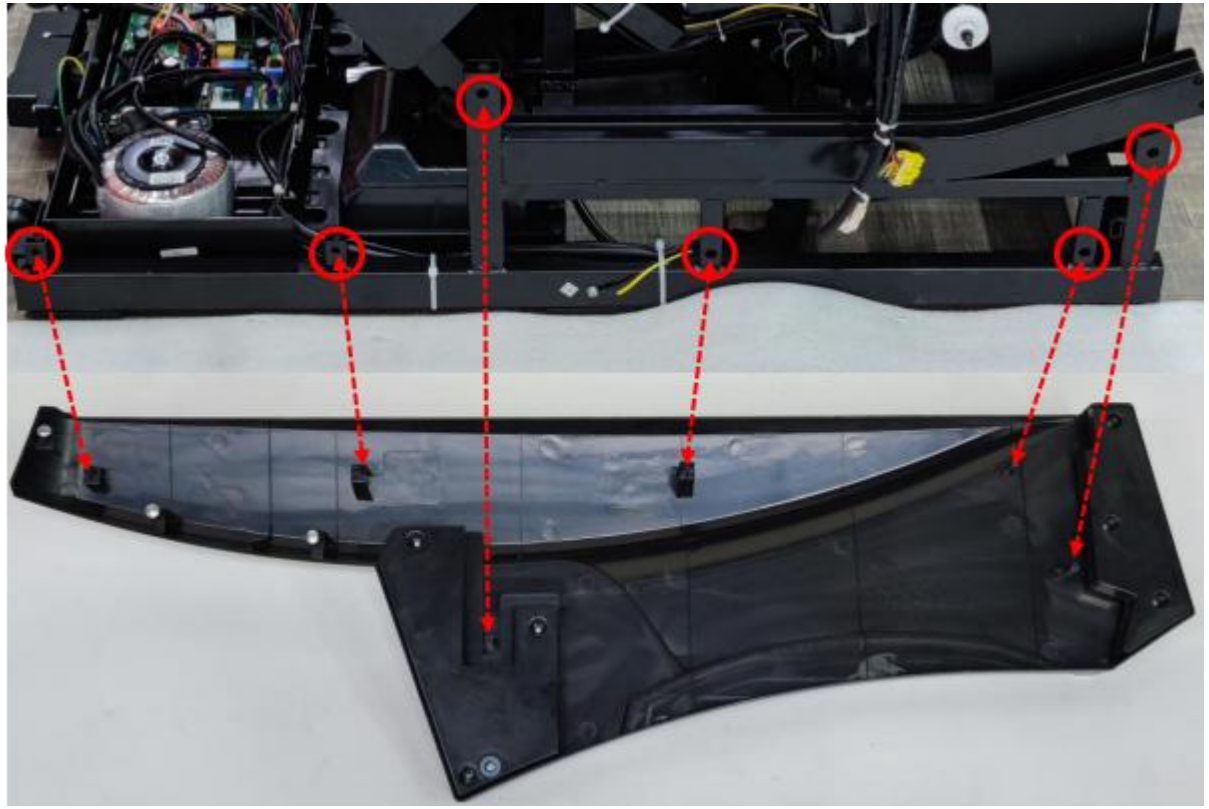
C

1. Remove the screws in Figure A.
2. Remove the screws in Figure B. Separate the plug-in and the air tube.
3. Remove the front cover plate as shown in Figure C.

6.10 Product disassembly (Seat frame side cover)



A

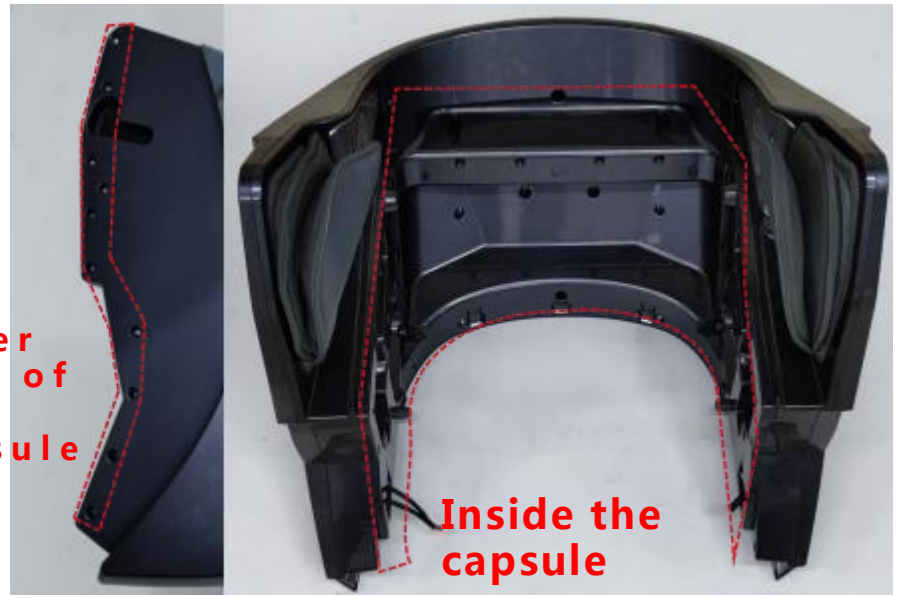


B

1, As shown in Figure A remove the handrail mounting bracket screws to take down the iron frame

2, The location of Figure B position of the inner screws can be removed to separate the seat frame side cover

6.11 Product disassembly (Capsule cover)



A

1, Figure A capsule outer left and right and inner screws removed

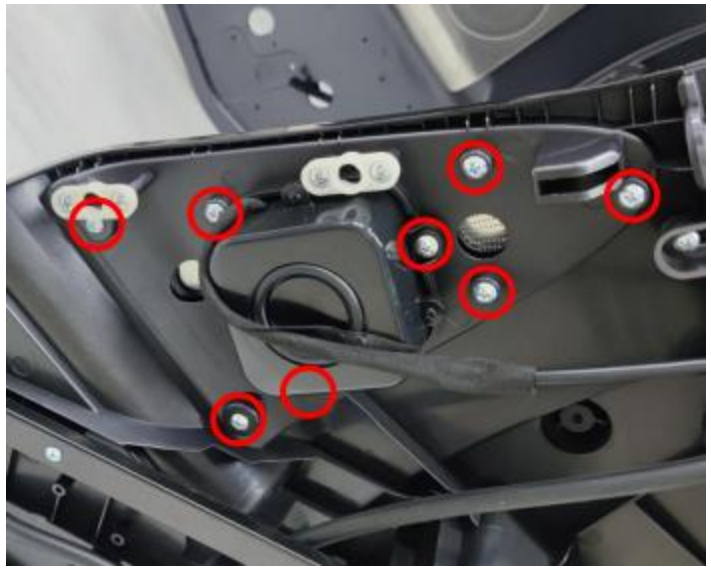
B

2. Remove the left and right screws from the inside of the shoulder at the position shown in Figure B.

C

3, As shown in Figure C can be separated from the capsule cover

6.12 Product Disassembly (Horn Cover & Horn)



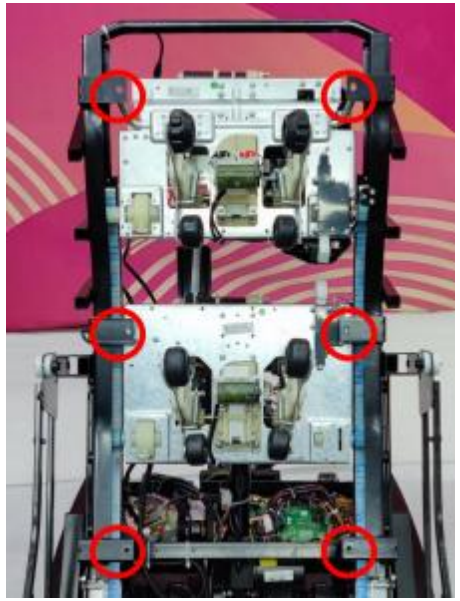
A

B

C

1. Remove the speaker cover and speaker screws as shown in Figure A.
2. Remove the speaker cover and speaker as shown in (Fig. B (Fig. C)).

6.13 Product disassembly (Backrest/seat frame wrap assembly)

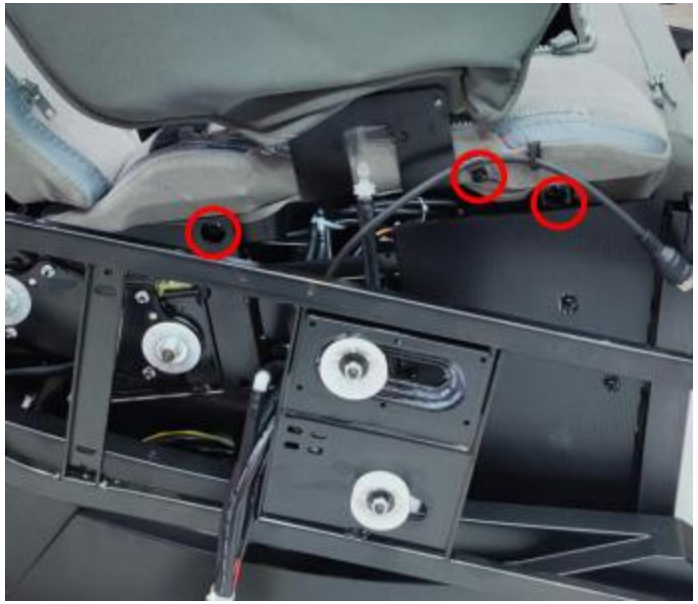


A

1. Remove the 6 screws in Figure A.

B

2. Remove bracket skin assembly Figure B



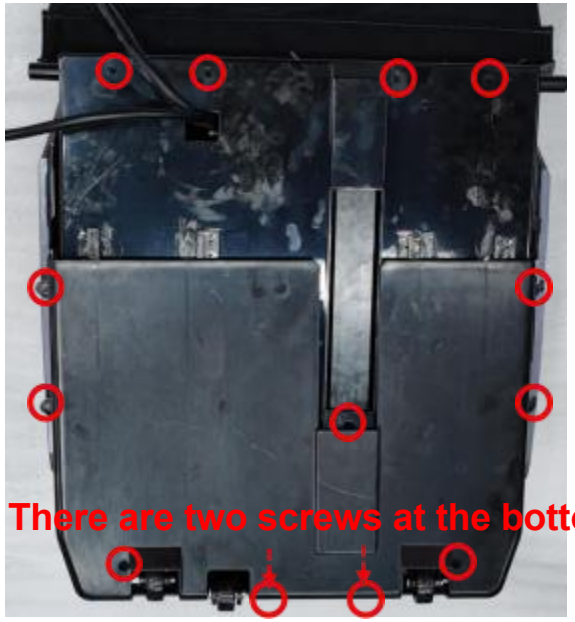
C

3、 Remove the left and right screws of Fig. C and the hand-control fixing screws.

D

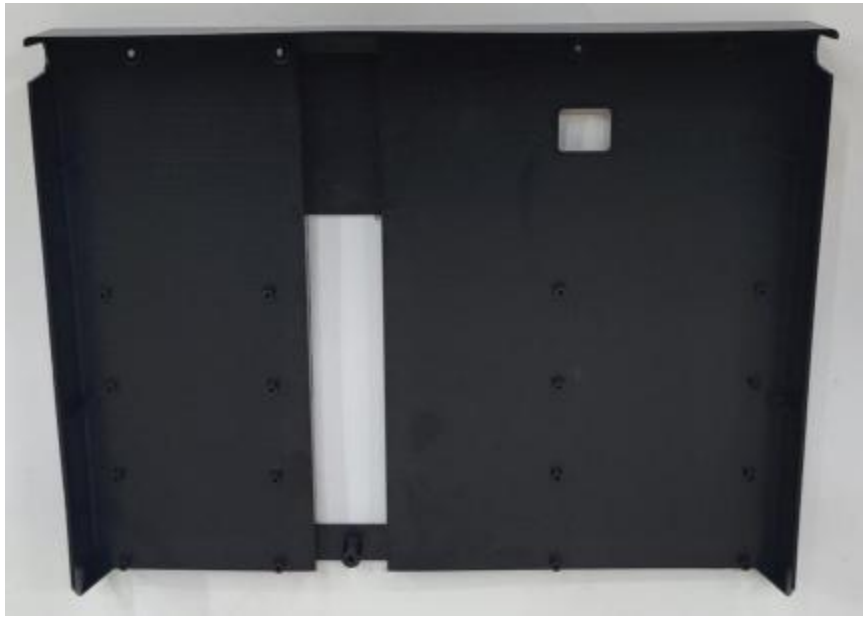
4、 Remove the seat frame cover assembly Fig. D.

6.14 Product disassembly (Calf back cover)



A

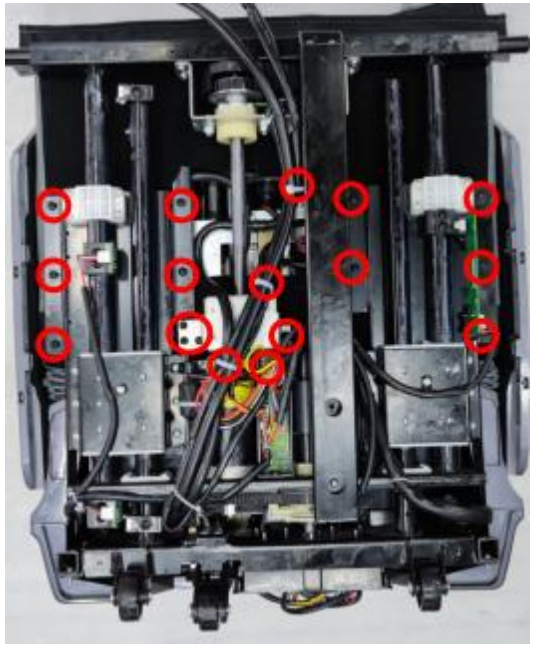
B



C

1, Figure A 13 screws can be removed to separate
2, Remove the lower section of the back cover as shown in Figure B
3, Remove the bracket back cover as shown in Figure C

6.15 Product disassembly (Kneading assembly)



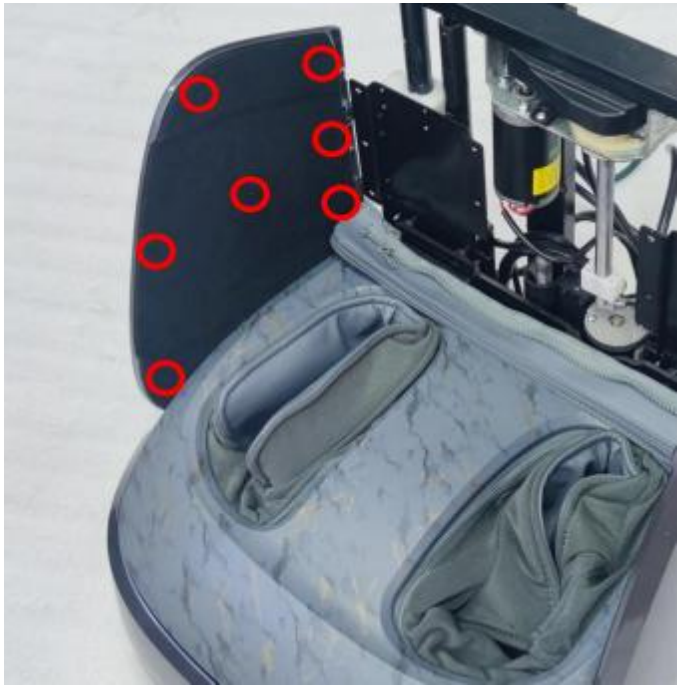
A

B

C

1, Figure A fixed screws, ties, motor plug-in removal
2, As shown in Figure B to separate the calf link zipper
3, Remove the kneading components as shown in Figure C

6.16 Product disassembly (Calf side panels)



A

1. Remove the fixing screw inserts as shown in Figure A.

B

2. Separate the lateral plate of the calf as shown in Figure B.

C

3, Remove the calf side plate as shown in Figure C

6.17 Product disassembly (Foot upper decorative cover)

A

B

C

1, The figure A fixed screw plug-in removal
2, As shown in Figure B separation of the calf link holster
3, Remove the calf on the decorative cover as shown in Figure C

6.18 Product disassembly (Upper cover of calf foot)

A

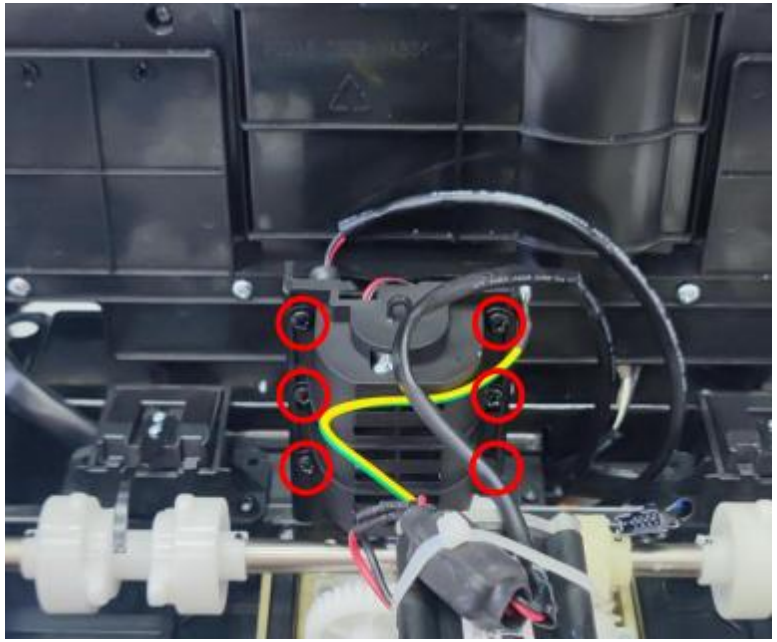
B

C

1, The figure A fixed screw plug-in removal (note that the bottom left and right inside each 2 screws)
2, As shown in Figure B to separate the calf link plug-in and air tube
3, Remove the calf top cover as shown in Figure C

6.19 Product disassembly (Foot strech motor)

A



B

C

1、 Remove thestrech motor insert from the bottom of the foot in Figure A.

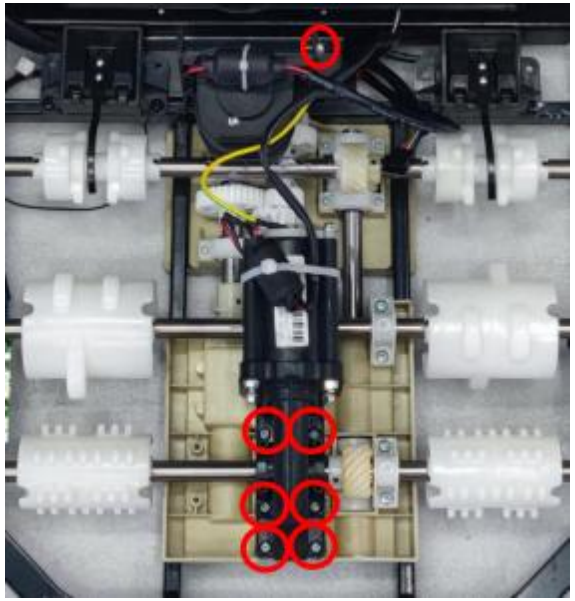
2、 Remove the motor fixing screws as shown in Figure B

3、 Remove the foot telescopic motor as shown in Figure C.

6.20 Product disassembly (Foot roller motor)

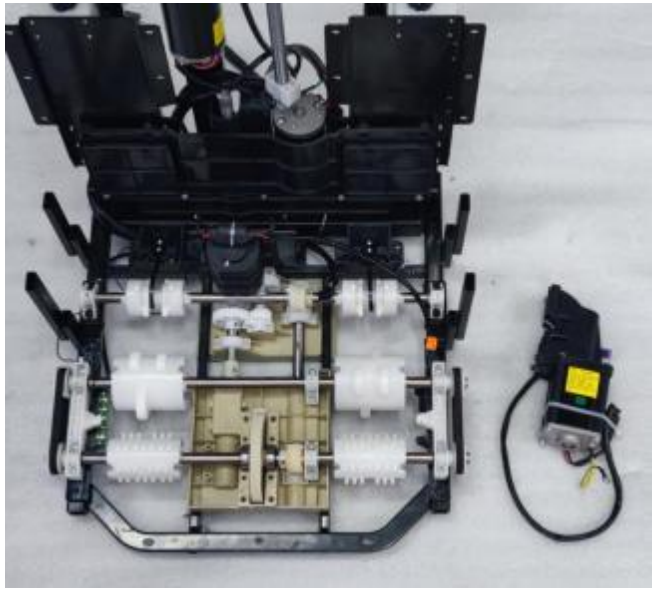
A

1. Remove the roller motor insert from the bottom of the foot in Figure A.



B

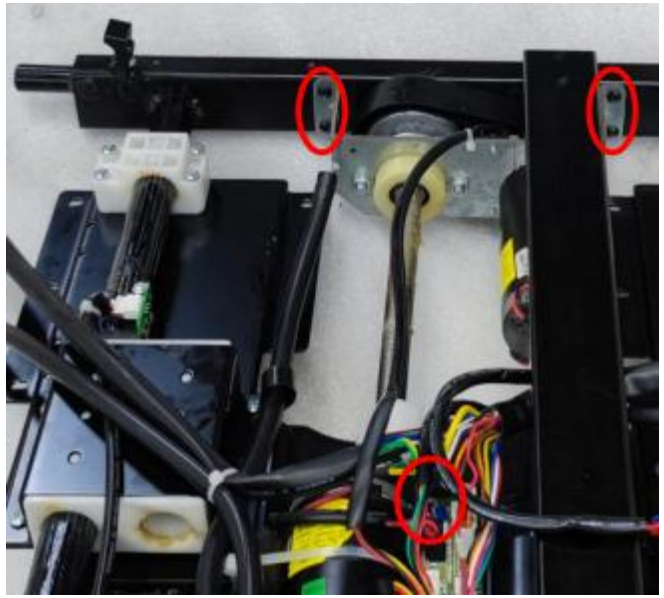
2、 Remove the motor fixing screws as shown in Figure B



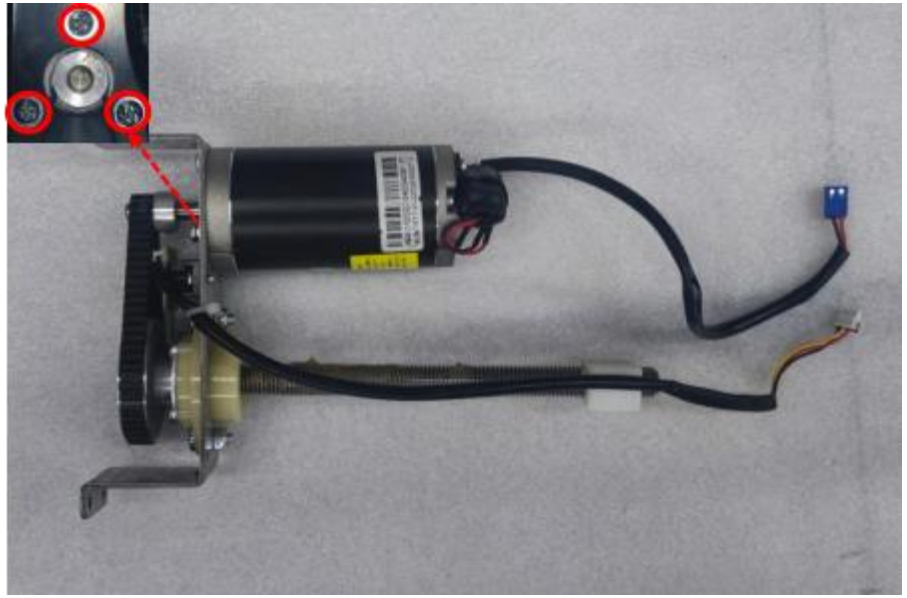
C

3. Remove the foot roller motor as shown in Figure C.

6.21 Product disassembly (Upper strech motor)



A

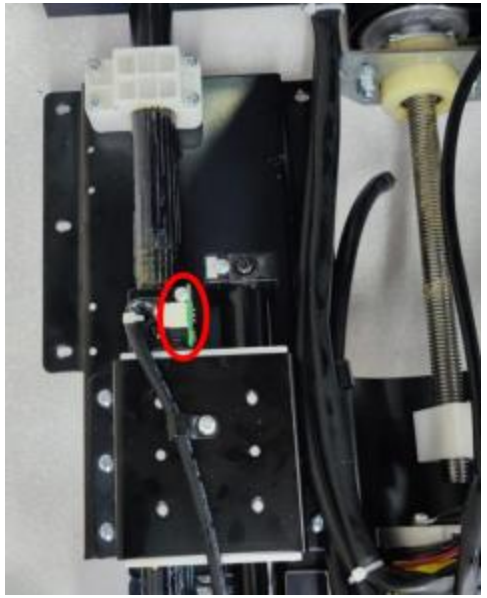


B

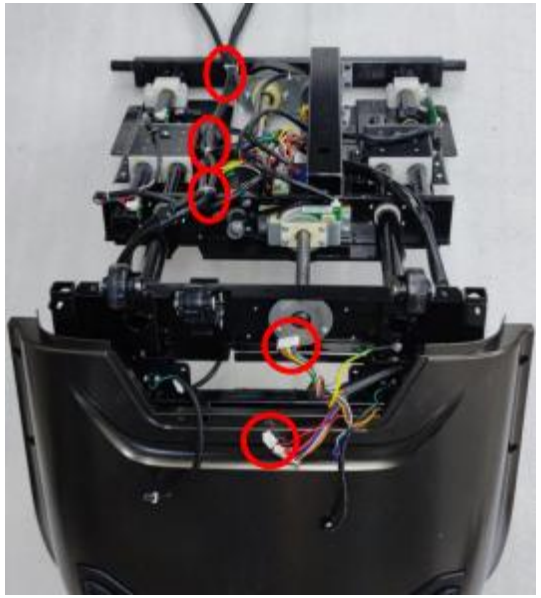
C

1, the figure A foot strech motor plug-in and screws removed
2, as shown in Figure B to remove the motor fixing screws
3, remove the upper strech motor as shown in Figure C

6.22 Product disassembly (Lower strech motor)

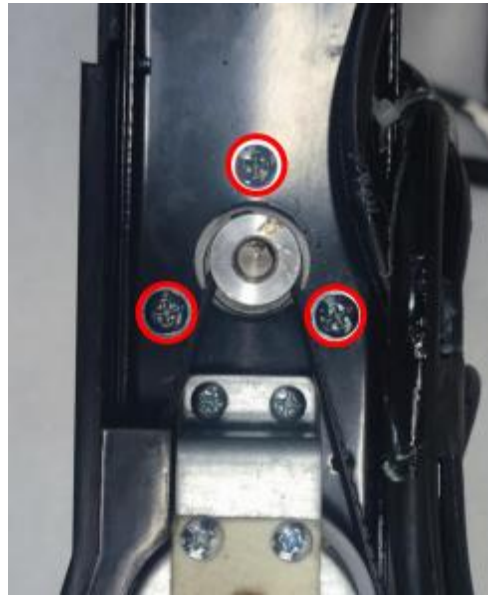


A



B

C



D

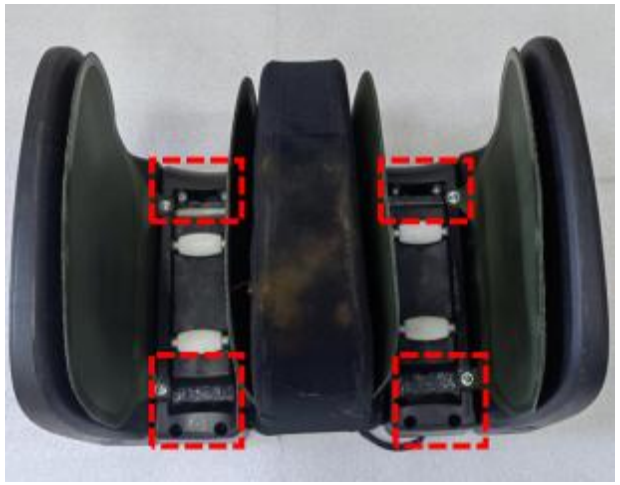
1，Remove the test board from Figure A.

2, As shown in Figure B to remove the tie and plug-in, manually rotate the motor belt out until the separation, as shown in Figure C.

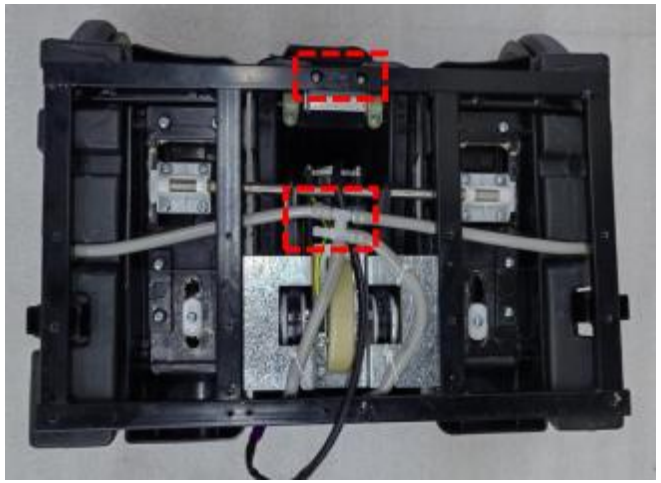
3, remove the screws in Figure C.

6.23 Product disassembly (Upper calf kneading motor)

A



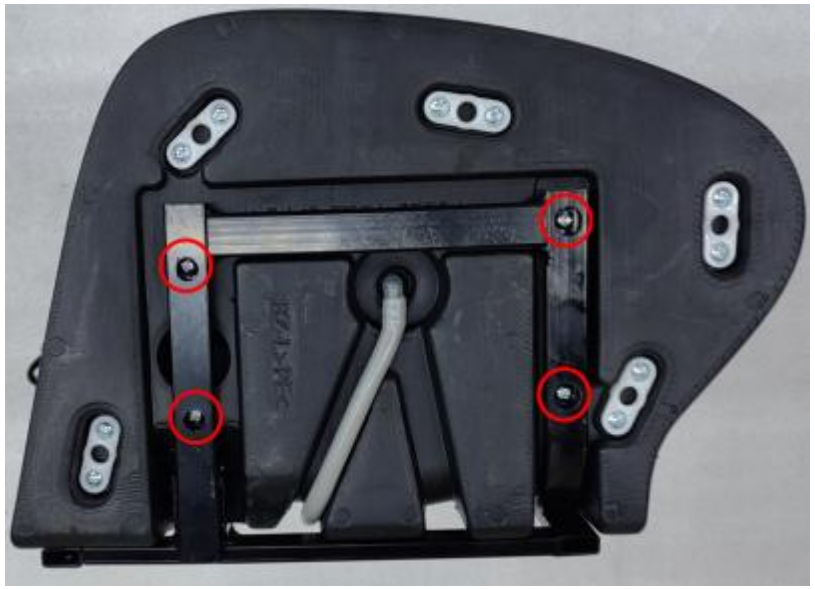
B



C

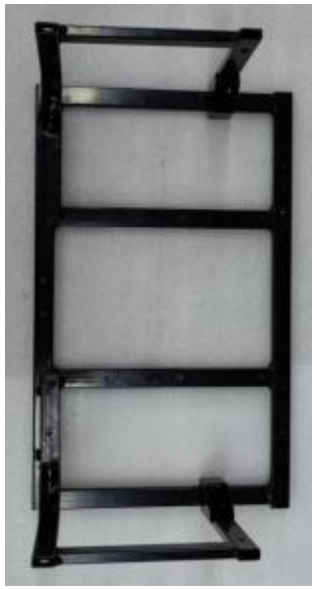
1. Remove the holster as shown in Figure A.
2. Remove the screws as shown in Figure B.
3. Remove the screws and ties as shown in Figure C.

6.24 Product Disassembly (Upper Calf Rub Motor)



A

B

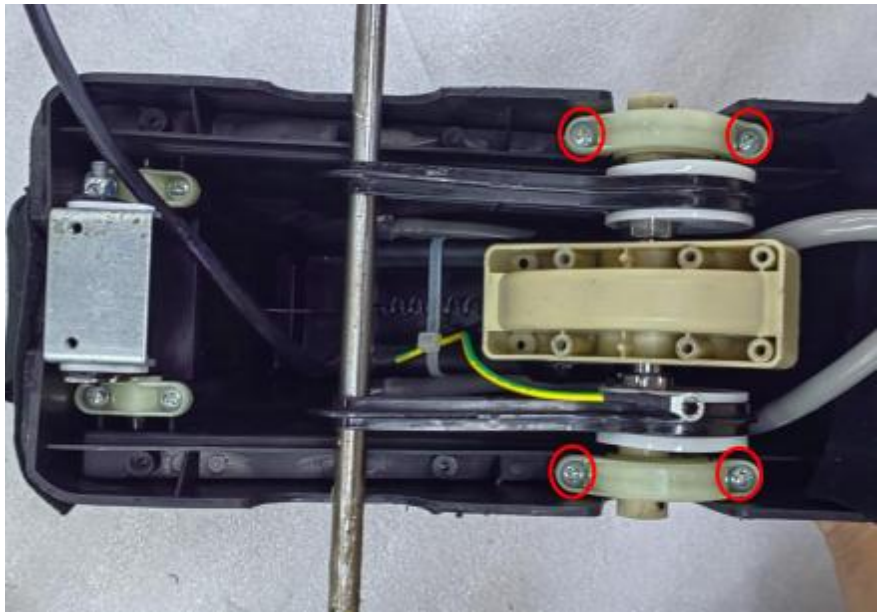


C

D

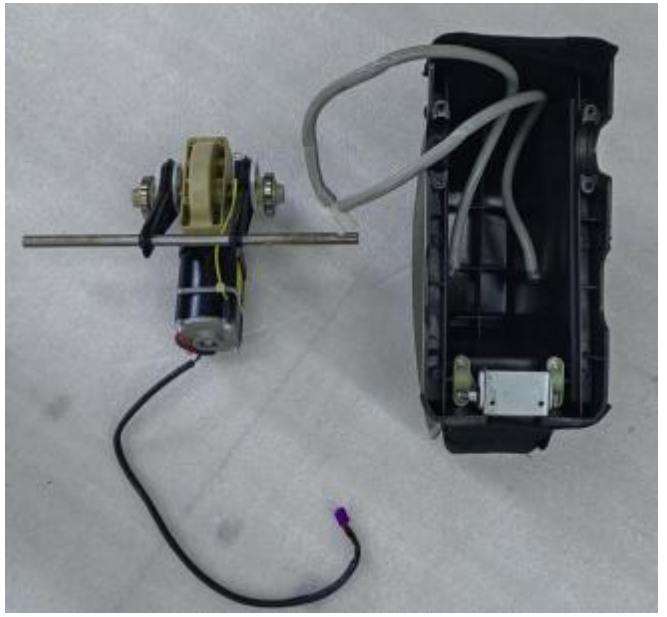
1、 Remove the left and right side screws in Figure A. 2、 Remove 4 screws as in Figure B. Remove the separation steel frame as in Figure C. 3、 Remove 6 screws as in Figure C.

6.25 Product disassembly (Upper calf kneading motor)



A

1、 Remove the fixing screws as shown in Figure A and separate the components as shown in Figure B.



B

2、 Separate components as shown in Figure B

C

3. Remove the screws in Figure C.

6.26 Product disassembly (Back cover)

A

1. Remove the fixing screws as shown in Figure A.

B

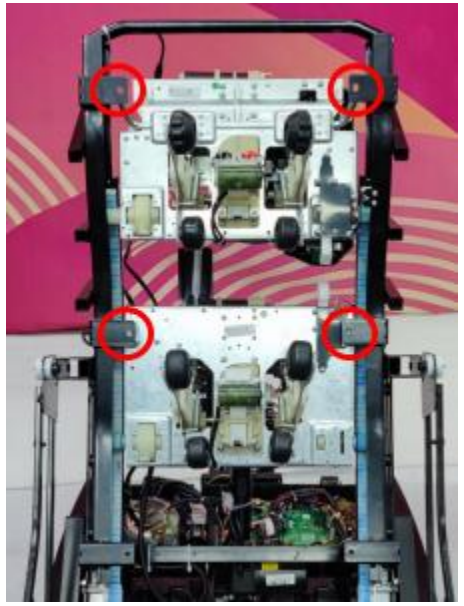
2, As shown in Figure B separation against the back cover

C

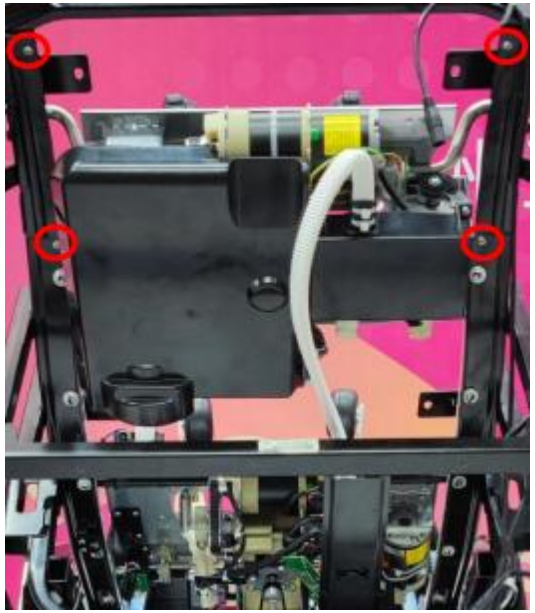
3, Move out of the back cover as shown in Figure C

6.27 Product disassembly (Back mechanism assembly)

A



B

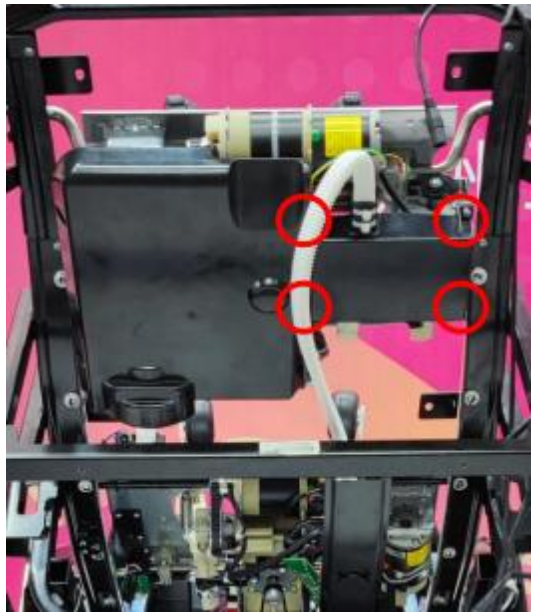


C

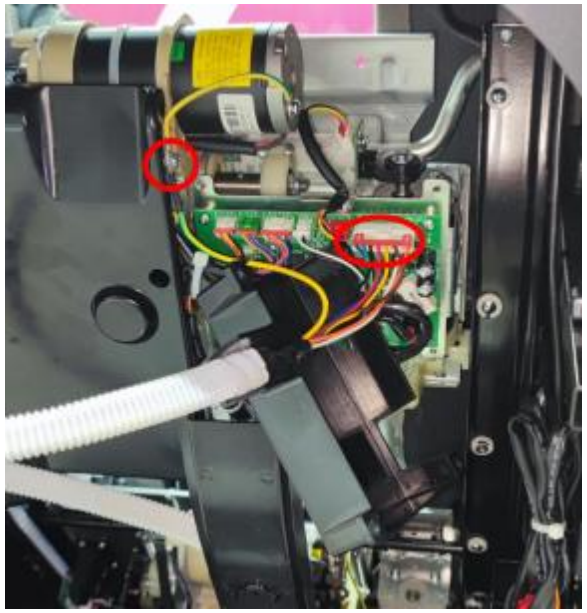
D

1, Figure A left and right side screws removed
2, As shown in Figure B to remove the 4 screws against the frame screws
3, Remove Figure C4 screws
4. Remove the fixing bracket iron block

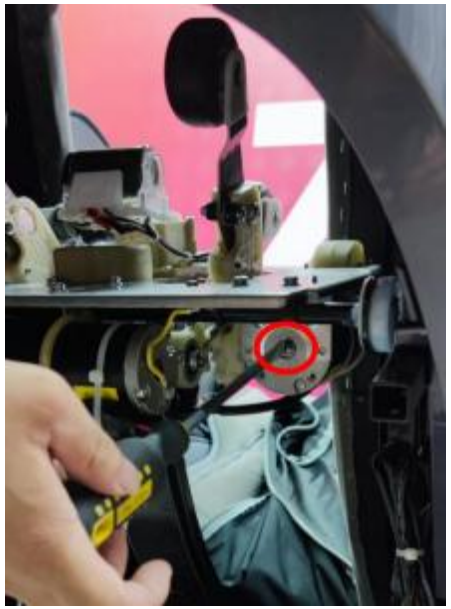
6.28 Product disassembly (Back mechanism assembly)



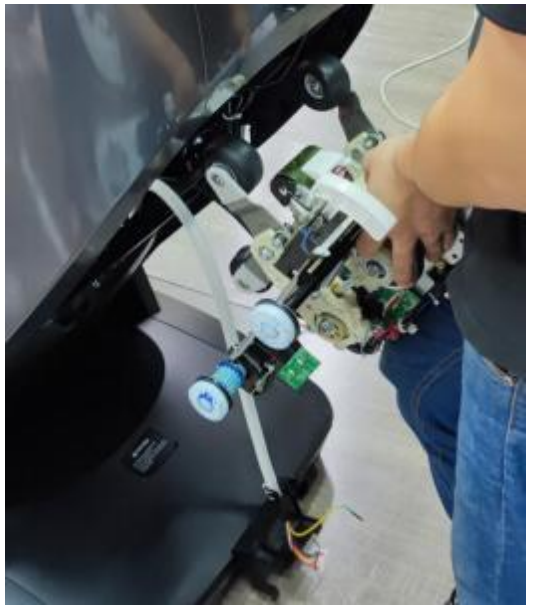
A



B



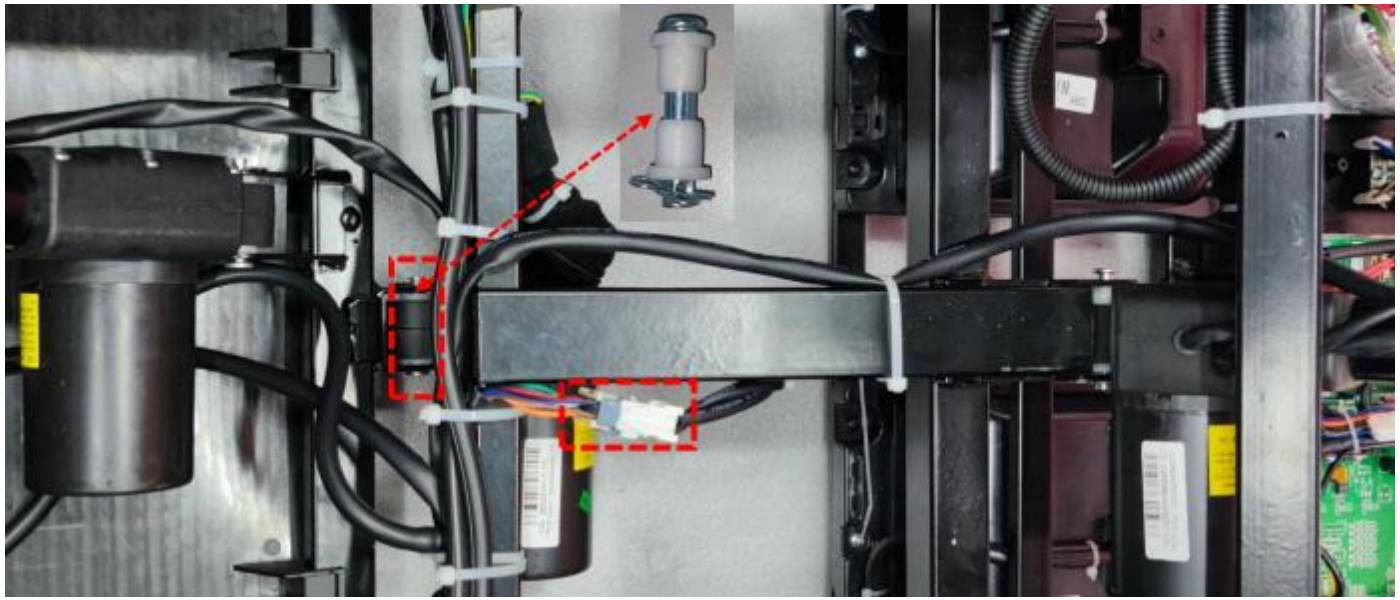
C



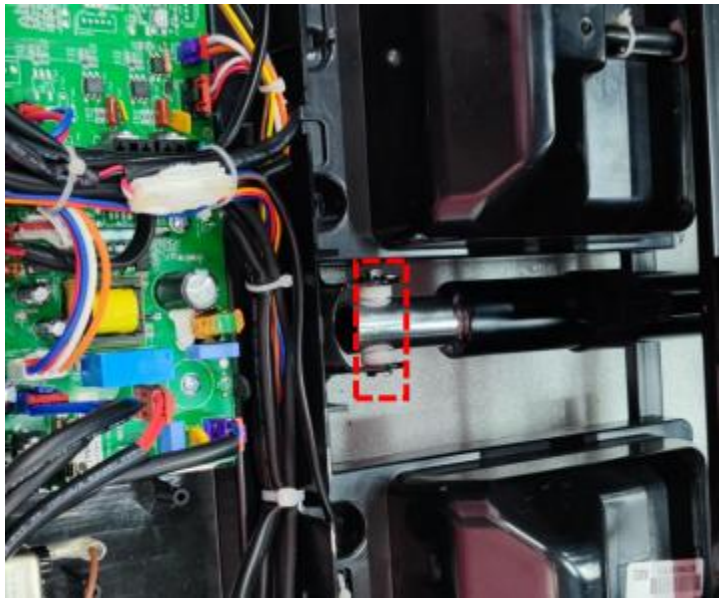
D

1, The figure A4 screws removed
2, As shown in Figure B to remove 1 screw and plug-in
3, As shown in Figure C with a screwdriver to rotate the motor upward to remove the back mechanism as shown in Figure D.

6.29 Product disassembly (Seat frame electric cylinder)



A



B

1. Remove the plug and insert in Figure A.
2. Remove the plug in Figure B to remove the electric cylinder.

7.1 Product malfunction operation method

7.2 Product error code

error code	Fault description	Possible causes
A0	Communication error between movement and motherboard	Robot mainboard/main board/robotic plug-in
A1~A5	walking fault	Robot mainboard/Walking motors/related inserts/limit detection circuit boards/circle detection boards
A7~A9 ，AA	Kneading motor faults	Kneading motors/related inserts/width detection boards/Robot mainboard
AB/AC	Tapping Motor Failure	Tapping motors / related inserts /Robot mainboard
AD~AF ，A6 ，B0 ，EF	Stretch Motor Failure	Robot mainboard/retractable motor/related inserts/limit detection board/circle detection board
B1~B5	Backrest electric cylinder failure	Mainboards/related plug-ins/electric cylinders
B6~B9	Calf electric cylinder failure	Mainboards/related plug-ins/electric cylinders

7.3 Product error code

Error code	Fault description	Possible causes
BA~BF	Foot stretch malfunction	Calf mainboards/associated inserts/foot stretch motors
C0~C4	Leg Stretch Failure	Calf mainBoard / Stretch Motor / Related Inserts / Limit Detection Board / Calf Adapter Board
C5~C6	Kneading motor failure	Calf main Boards / Kneading Motors / Related Inserts / Calf Adapter Boards
C7~C8	Roller motor failure	Calf main Board / Roller Motor / Related Inserts
C9	Calf and motherboard communication error	Calf main Board/ Related Inserts/main Board
CA ，CB ，EA ，EB	Air pump failure	Air pump/ Related Inserts/main Board
CC~CD	Backrest heating malfunction	Related Inserts/main Board

7.4 Product error code

Error code	Fault description	Possible causes
CE	Switching Power Supply 24V Fault	Switching Power/Related Plug-ins
D0	Upper back mechanism heating failure	Back mechanism mainboards/related plug-ins
D1	Lower back mechanism heating failure	Back mechanism mainboards/related plug-ins
D2~D7	Lower back mechanism Travel Malfunction	Back mechanism mainboards/related plug-ins/Travel motor/circle detection board/limit detection board
D8 ，D9 ，DA ，DB	Lower back mechanismkneading malfunction	Back mechanism mainboards/related plug-ins/Kneading motor/width detection board
DC ，DD	Lower back mechanism Tap Failure	Back mechanism mainboards/related plug-ins/Tapping motor
E1	Left armrest motor failure	Left mainBoard / Related Inserts / Left Armrest Motor

7.5 Product error code

Error code	Fault description	Possible causes
E2	Right armrest motor malfunction	Right main board/Related Plug-ins/Left armrest motor
E3	Right armrest communication error	main board/Armrest mainBoard/Related Plug-ins
E4	Left armrest communication error	main board/Armrest mainBoard/Related Plug-ins
E5~E9	Seat frame electric cylinder failure	main board/Related Plug-ins/electric cylinder
F0	Robot not detecting main board communication	main board/Related Plug-ins/back mechanisms
F1	Mainboard +5VC not detected	main board/Bad supply MOS tube
F2	Lower robot not detecting main board communication	main boardRelated Plug-ins/back mechanisms

7.7 Product error code

Error code	Fault description	Possible causes
F3~F4 ，F8	Lower back mechanism heating failure	Back mechanism mainBoard/Related Plug-ins/heating head
F5 ，F7	Upper back mechanism heating failure	Back mechanism mainBoard/Related Plug-ins/heating head
01	Ground switch failure	Calf mainboard/Related Plug-ins/ground switch
02	Faulty heel switch on the left side	Calf mainboard/Related Plug-ins/heel switch
03	Malfunctioning heel switch on the right side	Calf mainboard/Related Plug-ins/heel switch
Upper back mechanism jade temperature : When there is no touchdown and foot length detection signal, the display minute place shows the temperature of the J312-1 jade heating		
Upper back mechanism jade temperature: When there is no touchdown and foot length detection signal, the display seconds where the J202 jade heating temperature is displayed.		

Eight、Product fault diagnosis

1、Unable turn-on

2、Back mechanism does not walk

3、Kneading/tapping/Tappinging/strech motor does not work

4、Seat frame/backrest/calf cylinder not working

5、Armrest LED lights do not come on

6、Lower leg non-stretching

7、Foot massage without stretching

8、Foot rollers do not work

9、Back mechanism Jade does not heat up

10、 Voice control doesn't work

11、 USB/wireless charging not working

12、 A group of airbags does not inflate

13、Backrest does not heat up

14、 Fan/Negative Oxygen Ion not working

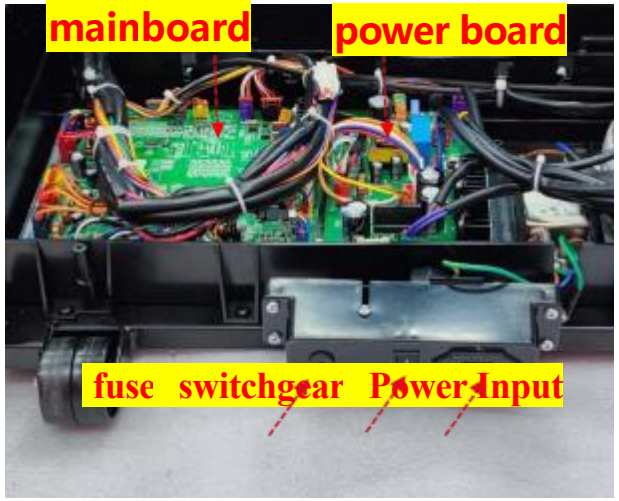
15、Calf rubbing doesn't work

16、 Health detection doesn't work

17、 The capsule speakers don't work.

18、Armrest shortcut doesn't working

8.1 Product fault diagnosis （unable turn-on）



1

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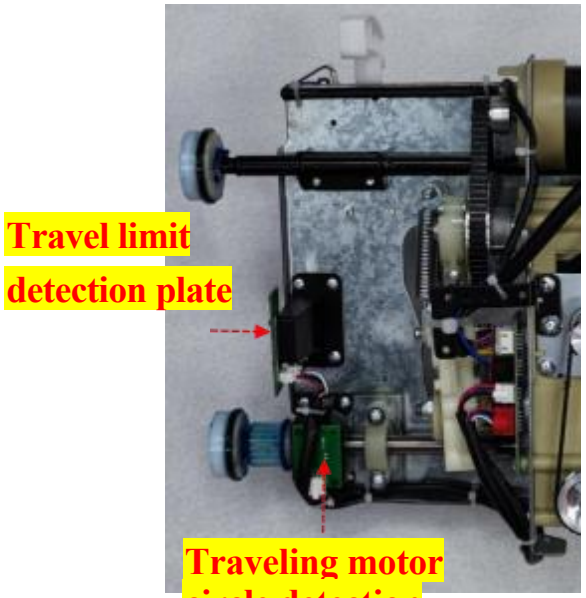
3

4

Fault judgment and overhaul:

A, Check whether the fuse is good switch is open; power supply, driver board, hand control, the relevant plug-in is loose off (Figure 1) Figure 2) Figure 4);
B, Check the power supply board 5VA / VB indicator, light normal, change the driver board, light only one or do not light is to check whether the transformer output voltage is normal, normal is to change the power supply board;
C, The product power supply is normal, the hand control itself damage caused by the inability to power on the use of the band replacement method to rule out the replacement of a new hand control, or the use of the armrest shortcut key to open the Product function, such as the quick key to prove the normal operation of the switch is open. If the quick key button normal operation proves that the hand controller is damaged, or the connection harness is damaged;

8.2 Product fault diagnosis (back mechanism does not walk) Note: The upper robot is related to the lower robot, and if the upper robot does not work abnormally, the lower robot does not work either.)



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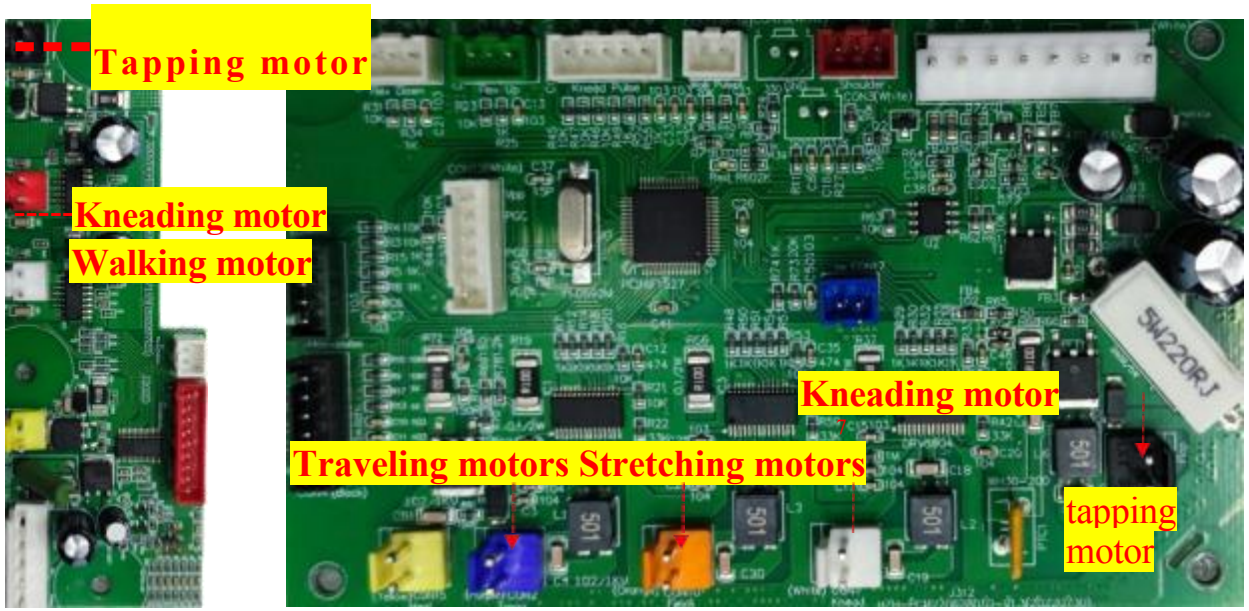
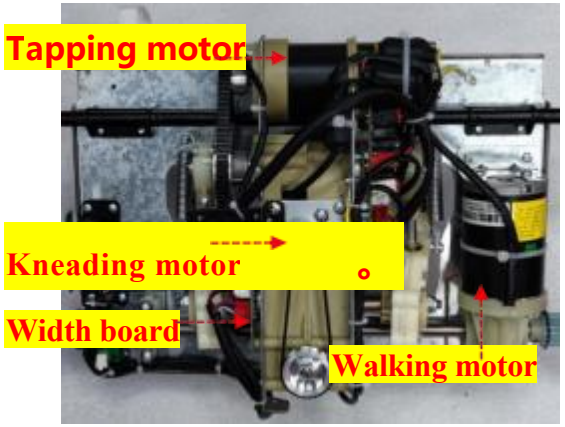


3 4

Fault judgment and overhaul :

A, First check the robot drive board harness whether there is poor contact or plug-in off phenomenon (Figure 1) Figure 2) Figure 3) Figure 4) ;
B, Check whether the robot walking limit board / lap detection board is good (Figure 1) Figure 2);
C, Motor / drive board damage can be used to replace the method to determine whether the motor and drive board is damaged (you can borrow the power to tap the motor to determine whether the motor is good or bad) (Figure 3) Figure 4) ;

8.3 Product fault diagnosis（揉捏/拍打/敲击/伸缩电机不工作）



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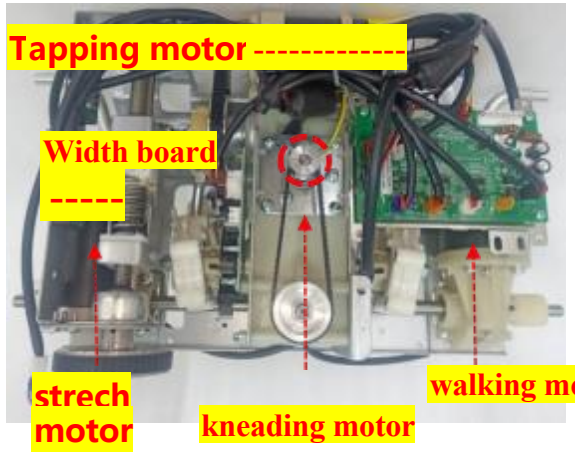
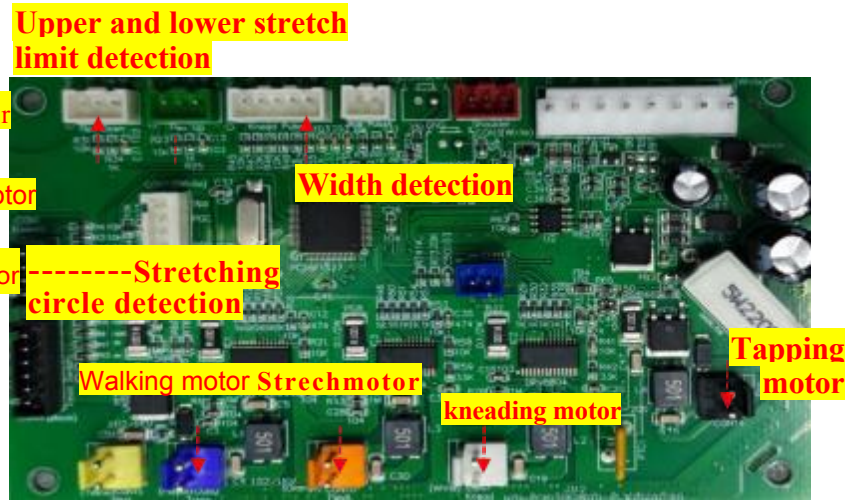


2

3

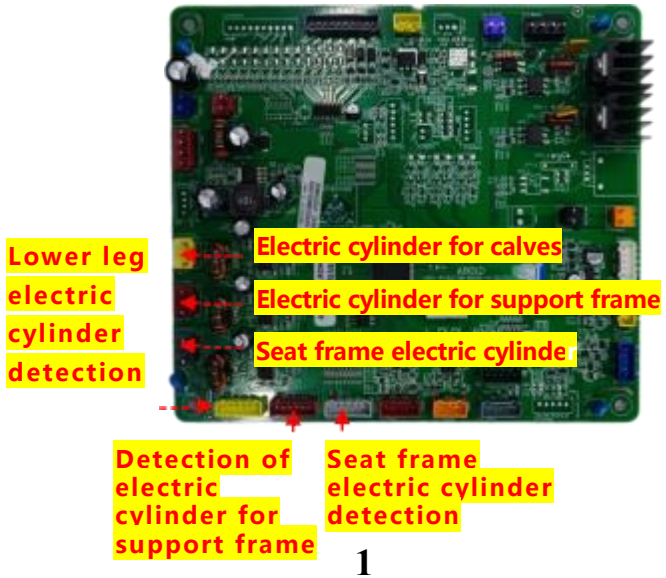


4

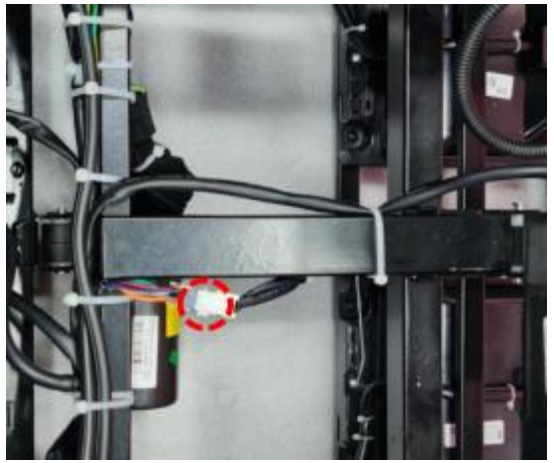
Fault judgment and overhaul :

A, First check the robot drive board harness whether there is poor contact or plug-in off phenomenon (Figure 1) Figure 2) Figure 3) Figure 4) ;
B, on the robot retraction does not work to check the walking limit board / lap detection board is good (Figure 2);
C, Afraid of hitting / tapping / kneading does not work to check the width of the detection board is damaged (to determine whether the motor is good or bad can be borrowed from the tapping / kneading motor power supply to swap the detection of good and bad) (Figure 3) Figure 4); D, the drive is damaged can be used to replace the method of judgment of the driver board is damaged (Figure 3) Figure 4);

8.4 Product fault diagnosis (Seat frame/backrest/calf cylinder not working)



1



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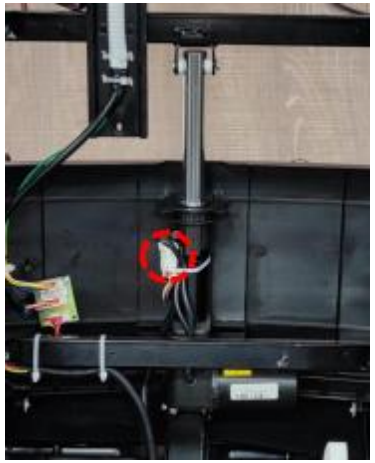

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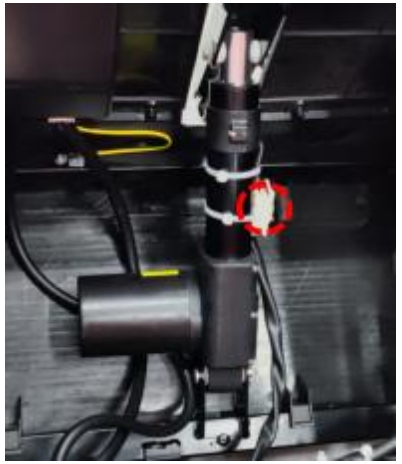


4

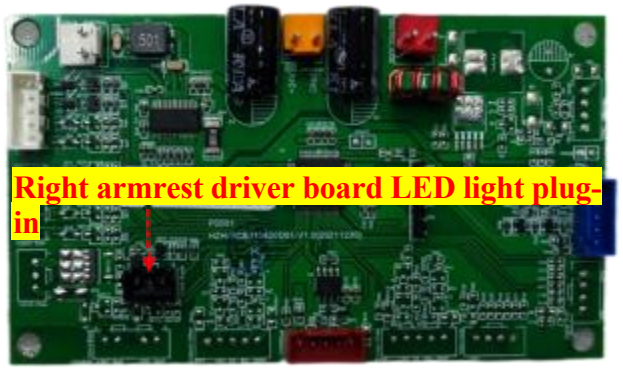
Fault judgment and overhaul:

A, It will not work with the electric cylinder (seat frame / backrest) plug-ins and work of the calf electric cylinder plug-in (Note: from the motherboard end of the power plug-in and detection plug-in two pairs of replacement) with the hand controller commissioning

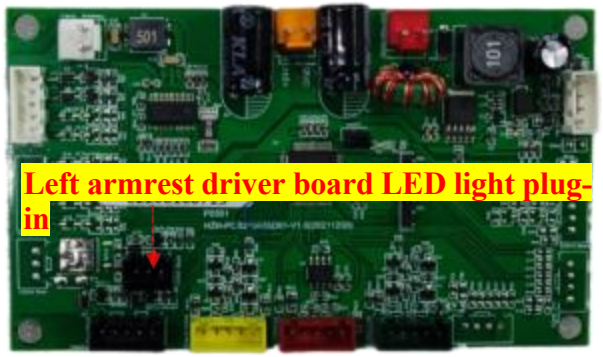
After still does not work, proving that the electric cylinder has been damaged, the need to replace the electric cylinder. Replacement of the electric cylinder can work, proving that the motherboard has been damaged, the need to replace the motherboard; (Figure 1) Figure 2) Figure 3) Figure 4);

B, Note: Seat frame / backrest electric cylinder is interrelated, if one does not work the other will also stop working!

8.5 Product fault diagnosis(Armrest LED does not light up)



1



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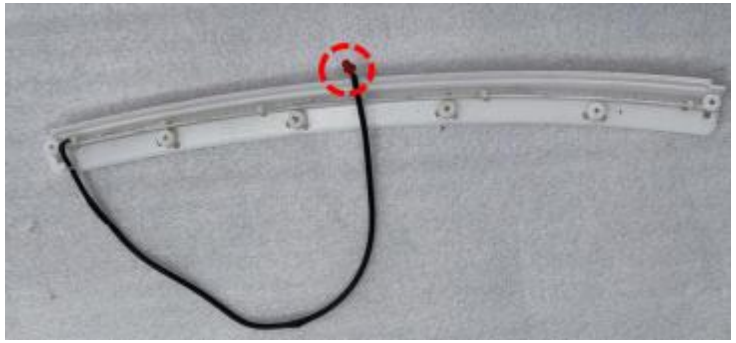
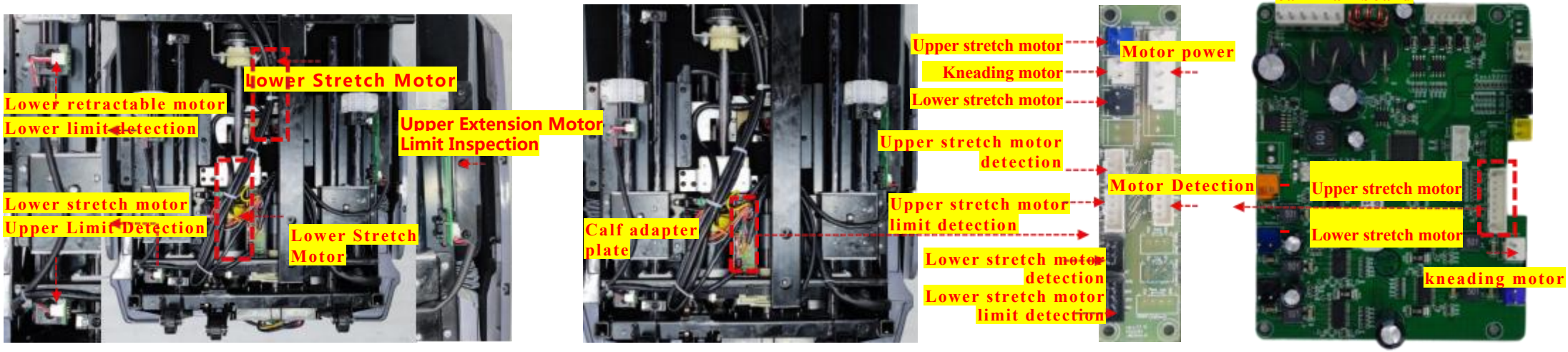


3

Fault judgment and repair:

A, Left / right handrail lights do not light check: left / right handrail driver board LED light plug-in is loose off (Figure 1) Figure 2);
B, With a meter to measure the armrest driver board plug-in voltage is normal, normal voltage LED strip, voltage is not normal, then change the armrest driver board;

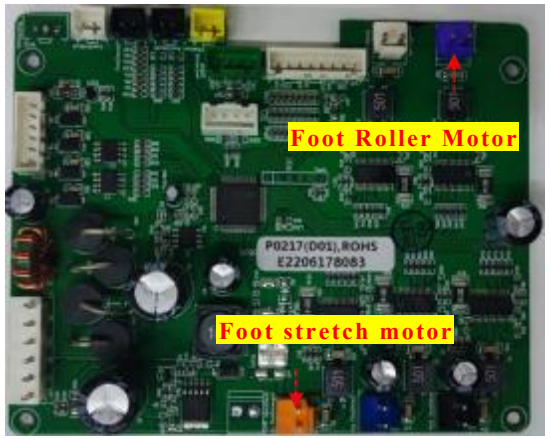
8.6 Product fault diagnosis （Lower leg non-stretching）



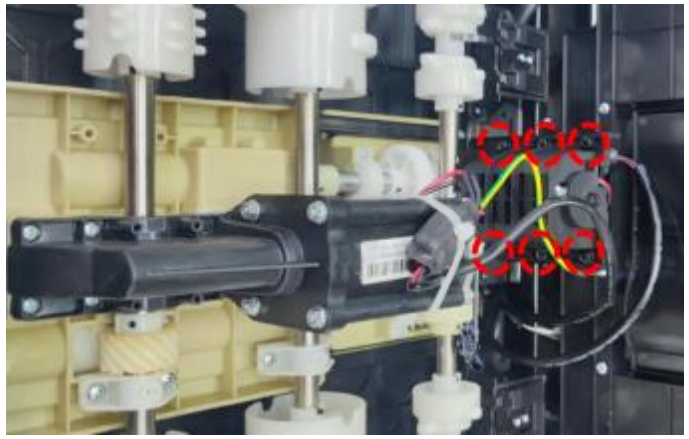
Fault judgment and overhaul :

A, Check the upward retraction / downward retraction motor associated with the detection board / harness / plug-in / adapter board / driver board / whether good / damaged;
B, Adapter board or driver board damage can be replaced to determine whether the adapter board / driver board is damaged (Figure 3) Figure 4);
C, Separate upward expansion or downward expansion of a single non-expansion , generally is the detection board and motor damage or associated plug-in loose off;
D, You can also use a multimeter to detect the motor resistance value, resistance value is too large or no resistance value, then change the motor;

8.7 Product fault diagnosis (Foot massage without stretching)



1



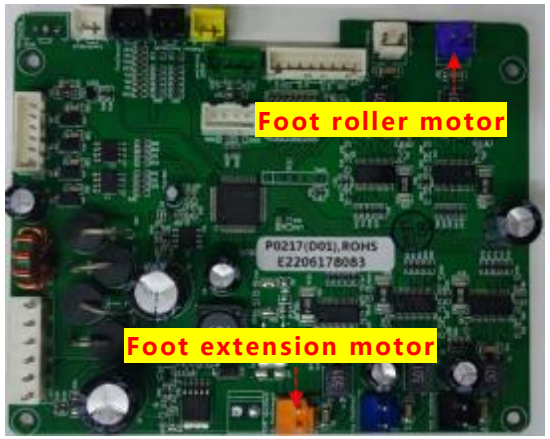
2

3

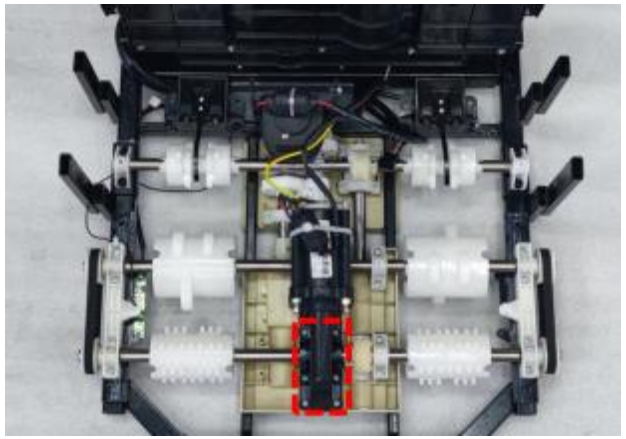
Fault judgment and overhaul :

A, Check the foot strech motor associated detection board / wiring harness / plug-in / main board / whether good / damaged (Figure 1 (Figure 3);
B, The main board damage can be replaced to determine whether the driver board is damaged (Figure 1);
C, To determine whether the motor is good or bad can be borrowed from the roller motor power supply to swap test good or bad (Figure 1);
D, You can also use a multimeter to detect the motor to stop, stop too large or no resistance, change the motor;

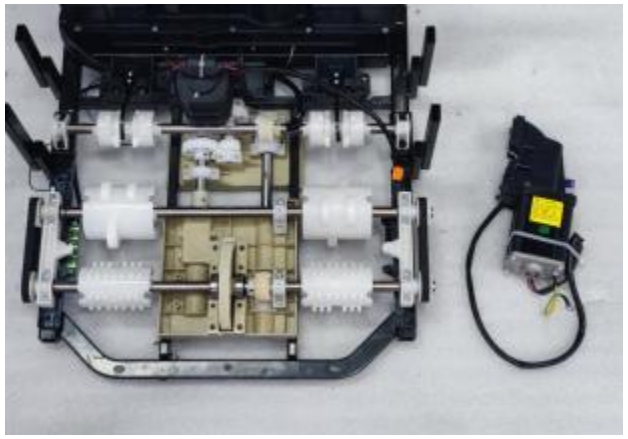
8.8 Product fault diagnosis (Foot rollers do not work)



1



2

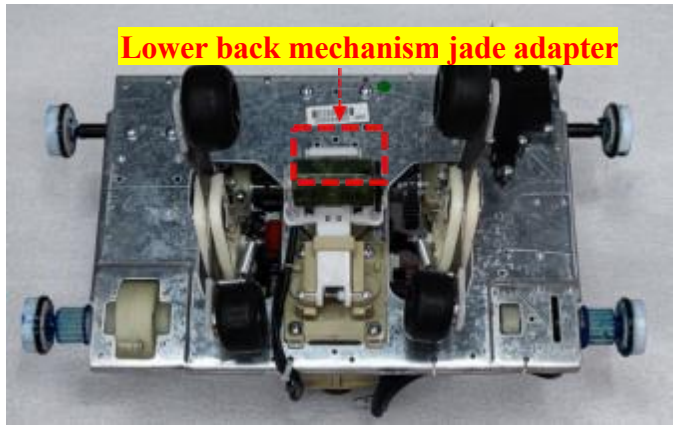


3

Fault judgment and overhaul :

A, Check the foot roller motor associated detection board / harness / plug-in / mainboard / whether good / damaged (Figure 1 (Figure 3);
B, The mainboard can be replaced to determine whether the driver board is damaged (Figure 1);
C, To determine whether the motor is good or bad can be borrowed from the foot retractable motor power supply to swap test good or bad (Figure 1);
D, You can also use a multimeter to detect the motor to stop, stop too large or no resistance, change the motor;

8.9 Product fault diagnosis （back mechanism Jade does not heat up）



1

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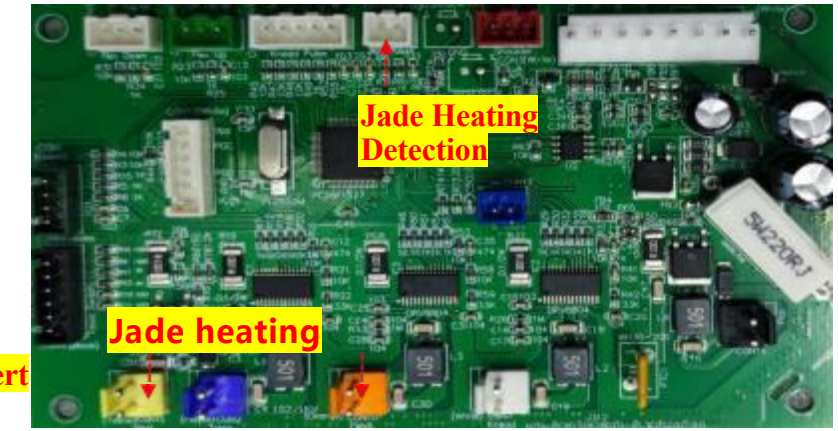
3



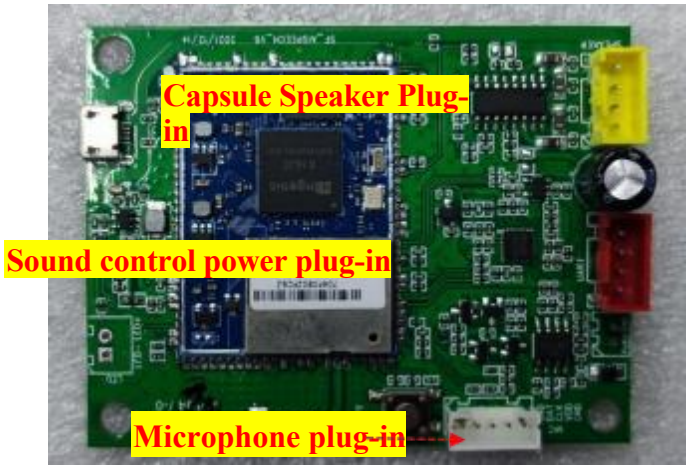
4

Fault judgment and overhaul :

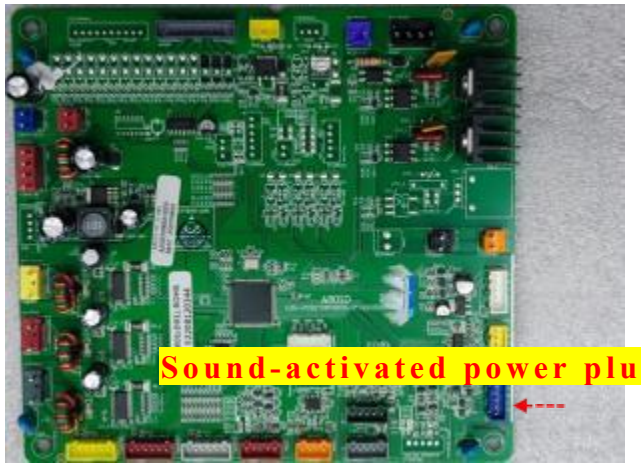
A, Check whether the upper / lower robot jade heating / detection plug-in loose off (Figure 1 (Figure 2) (Figure 3) Figure 4) ;
B, The driver board is damaged can be used to replace the method to determine whether the robot driver board is damaged (Figure 3) Figure 4);

8.10 Product fault diagnosis (voice command don’ t work)

1



2

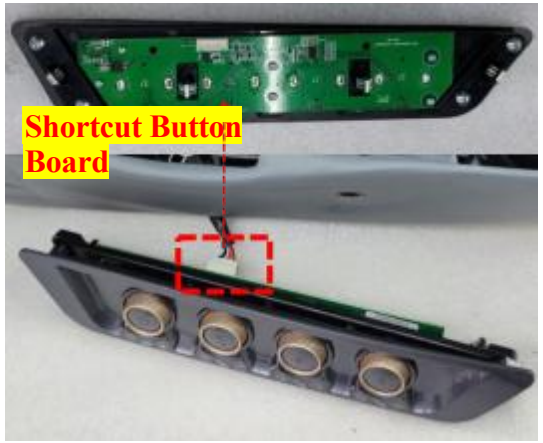


3

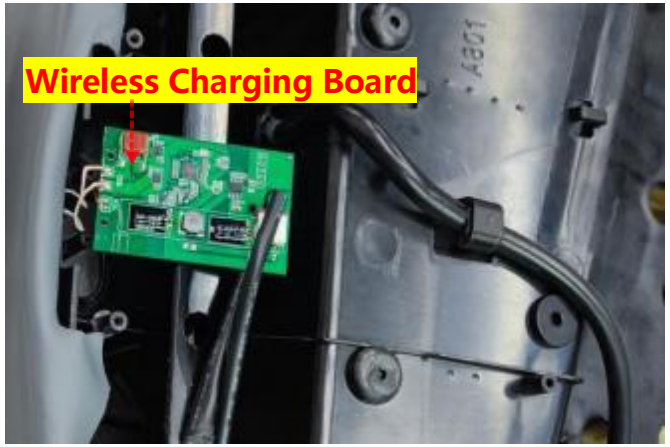
Fault judgment and overhaul :

A, Check whether the voice control / microphone plug-in loose off (Figure 1 (Figure 2) Figure 3);
B, Part of the sound control did not, check whether the WIFI network is successful; if the network is not a problem then change the online sound control board (Figure 2);
C, Sound control board / driver board is damaged, you can use the substitution method to determine whether the driver board / sound control board is damaged (Figure 2) Figure 3);

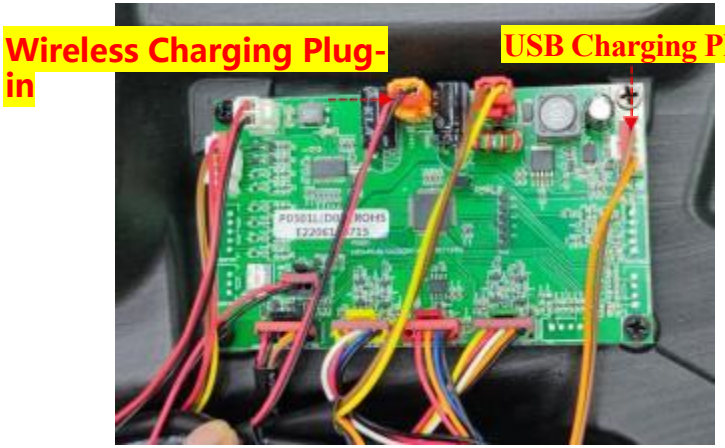
8.11 Product fault diagnosis (USB/wireless charging not working)



1



2

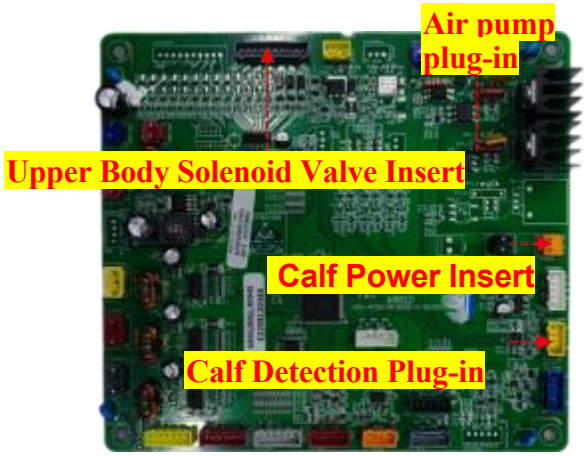


3

Fault judgment and overhaul :

A, Check whether the keypad / armrest driver board / wireless charging board plug-in loose off (Figure 1 (Figure 2) Figure 3);
B, USB is not charging with a meter to measure the armrest driver board USB plug-in voltage is normal, normal, then change the shortcut button board (Figure 1) Figure 3), and vice versa for the armrest mainboard;
C, Wireless charging is not charging with the meter amount of handrail drive board wireless charging plug-in voltage is normal, normal for wireless charging board (Figure 2) Figure 3) and vice versa for handrail mainboard;

8.12 Product fault diagnosis (Armrest/shoulder (one group of airbags does not inflate))



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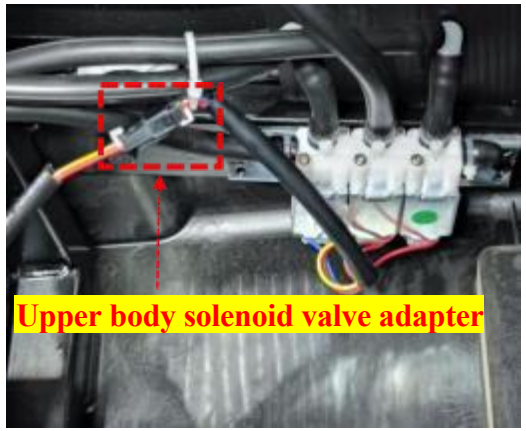

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Fault judgment and overhaul :

A, A group of airbags do not inflate to check whether the road air tube is folded, whether the air bag leakage (Figure 2 (Figure 3) Figure 4);
B, The entire upper body is not inflated to check whether the main board plug / solenoid valve adapter plug is loose off (Figure 1 (Figure 2);
C, The air pump air tube may be out of the handrail main board / solenoid valve is damaged, the handrail drive board can be used to replace the method of exclusion, in determining whether the solenoid valve is bad;
D, The air pump air tube is not out of gas may main board / air pump has a damage, the driver board can be used to replace the method of exclusion, in determining whether the air pump is bad;

8.13 Product fault diagnosis (A group of airbags in the calf does not inflate)

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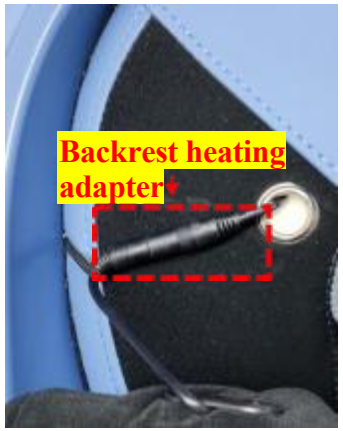
4

Fault judgment and overhaul :
A, A group of airbags do not inflate to check whether the road air tube is folded, whether the air bag leakage (Figure 3) Figure 4);
B, The entire calf is not inflated to check whether the air tube adapter plug / calf drive board plug / solenoid valve adapter plug is loose off (Figure 1 (Figure 2) Figure 3);
C, The air pump air tube may be out of the calf drive board / solenoid valve is damaged, calf drive board can be used to replace the method of elimination, in determining whether the solenoid valve is bad;
D, The air pump air tube is not out of gas may drive board / air pump has a damage, the drive board can be used to replace the method of exclusion, in determining whether the air pump is bad;

8.14 Product fault diagnosis (Backrest not heating)

1



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3

4

Fault judgment and overhaul :

A, Check the backrest thermotherapy line plug-in whether there is poor contact or fall off phenomenon (Figure 1) Figure 2);
B, With a multimeter to measure the driver board yellow plug-in and backrest pad plug-in voltage is normal, no voltage driver board is damaged, replace the driver board; (Figure 1)
C, You can also use a multimeter to measure the backrest heating wire resistance such as (Figure 3), there is resistance to drive line problems, no resistance to replace the backrest heating wire; (Figure 4)

8.15 Product fault diagnosis (Fan/Negative Oxygen Ion not working)

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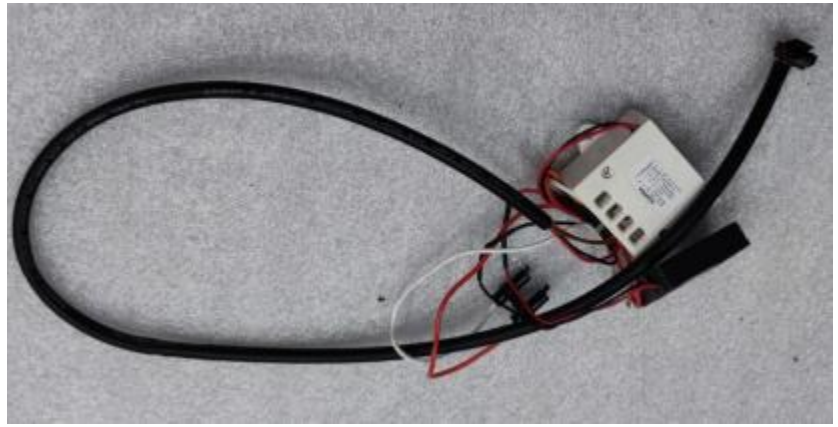
2

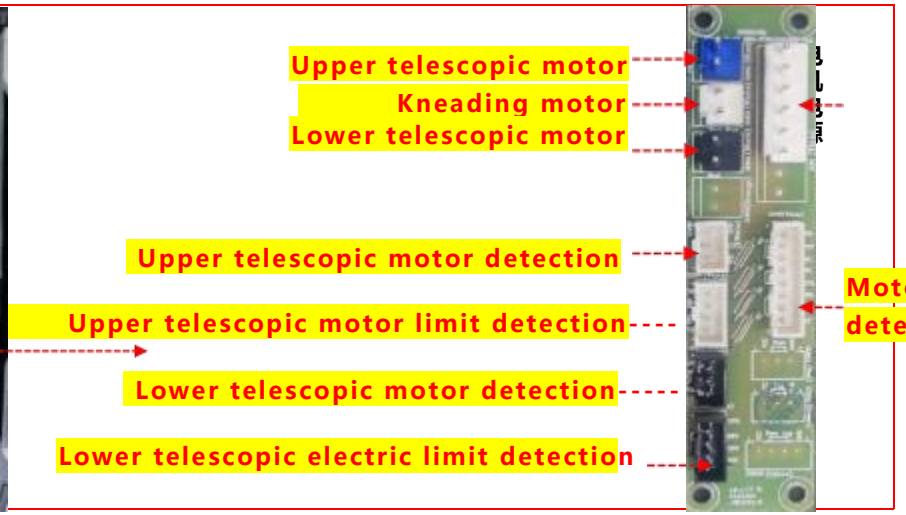


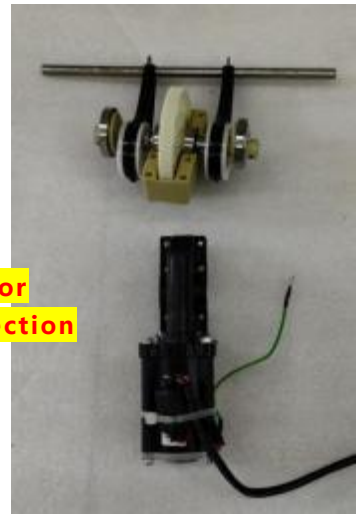
3

Fault judgment and overhaul :

A, Check the armrest mainboard plug-in whether there is poor contact or fall off phenomenon (Figure 1);
B, With a multimeter to measure the driver board plug-in voltage is normal, no voltage driver board is damaged, replace the driver board; (Figure 1)
C, You can also use a multimeter to measure the fan / negative oxygen ion plug-ins such as (Figure 3), there is resistance to drive line problems, no resistance to replace the fan / negative oxygen ion; (Figure 3)

8.16 Product fault diagnosis （Calf rubbing doesn't work）



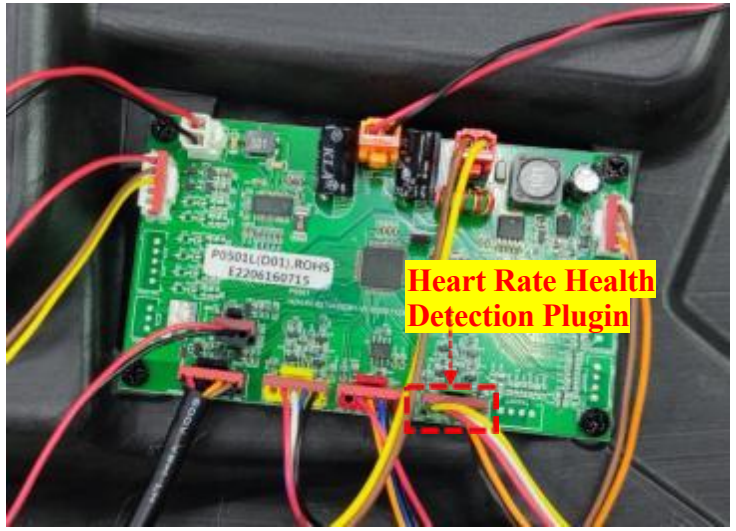


1 2 3 4

Fault judgment and overhaul :

A, Check the adapter board / calf mainboard plug-in whether there is poor contact or fall off phenomenon (Figure 2);
B, With a multimeter to measure the adapter board / calf mainboard plug-in voltage is normal, no voltage drive board, replace the drive board; adapter board is generally not bad;
C, You can also use a multimeter to measure the motor plug-in such as (Figure 4), there is resistance to drive line problems, no resistance to replace the motor; (Figure 3) Figure 4)

8.17 Product fault diagnosis （Health detection doesn't work）



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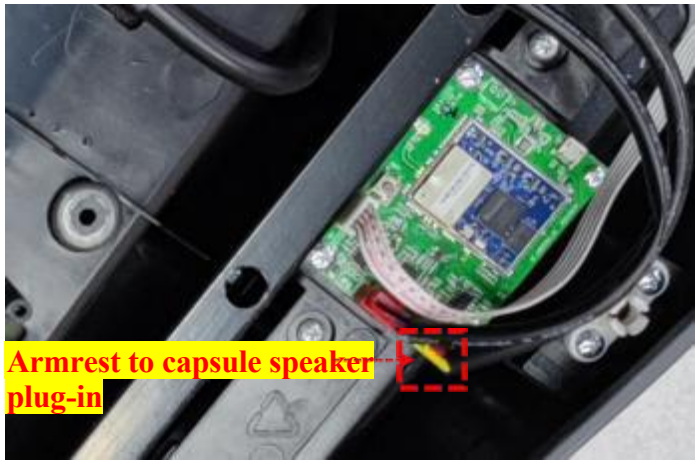
Fault judgment and overhaul :

A, Check whether the armrest mainboard plug-in poor contact or fall off phenomenon (Figure 1 (Figure 2);
B, With a multimeter to measure the armrest mainboard plug-in voltage is normal, no voltage drive board is damaged, replace the drive board;
C, You can also use a multimeter to measure the health detection component plug-in such as (Figure 2) , there are voltage health detection component problems , replace the health detection component; (Figure 3)

8.18 Product fault diagnosis (The capsule speakers don't work.)



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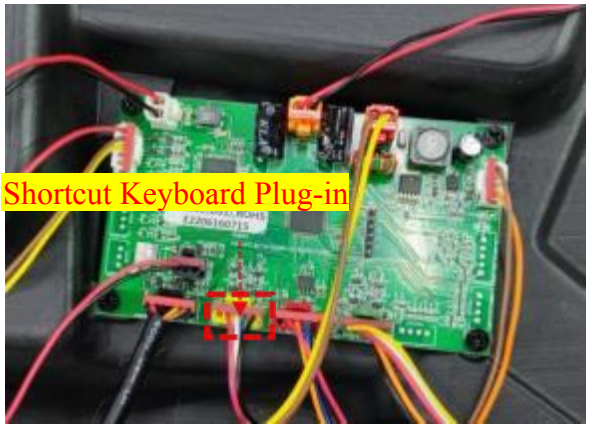
Fault judgment and overhaul :

A, Check the mainboard / armrest plug-in / capsule speaker plug-in whether there is poor contact or fall off phenomenon (Figure 1 (Figure 2) ;
B, With a multimeter to measure the mainboard / WIFI plug-in voltage is normal, no voltage driver board is damaged, replace the driver board; (Figure 1)
C, You can also use a multimeter to measure the speaker component plug-ins such as (Figure 3) , there is resistance to drive line problems , no resistance to replace the speaker; (Figure 3)

8.19 Product fault diagnosis (Armrest shortcut not working)



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Fault judgment and overhaul :

A, Check the armrest main board / key board plug-in whether there is poor contact or fall off phenomenon (Figure 1 (Figure 2);
B, With a multimeter to measure the armrest driver board plug-in voltage is normal, no voltage driver board is damaged, replace the driver board;
C, You can also use a multimeter to measure the keypad plug-ins such as (Figure 2), there is voltage keypad damage, replacement of fast keypad / key assembly; (Figure 2 (Figure 3))

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