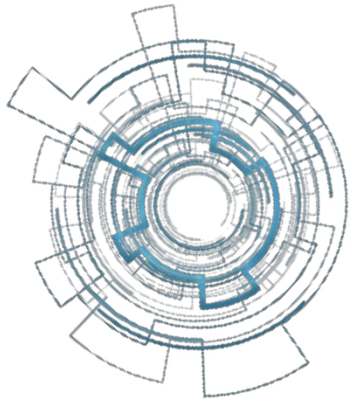
CONTENTS



1. Main functions
2. Product size
3. Product parameters
4. Part name
5. Manual buttons
6. Intelligent voice control

1.1. Main functions of products

1. Intelligent massage hand
There are five simulated massage techniques: shiatsu, kneading, flapping, knocking, kneading and flapping. 20 automatic modes.

2. Shoulder airbag massage
Double-sided thickened airbag massage

3. Wireless charging

Wireless charging of smart phones

4. Leg Massage Assembly
Air pressure, the bottom roller massage function, the alkene heating hyperthermia, the electric telescopic function

1.2. Main functions of products

5. 3D Bluetooth Audio
The unique 3D surround sound allows you to experience the perfect combination of music and massage while relaxing.

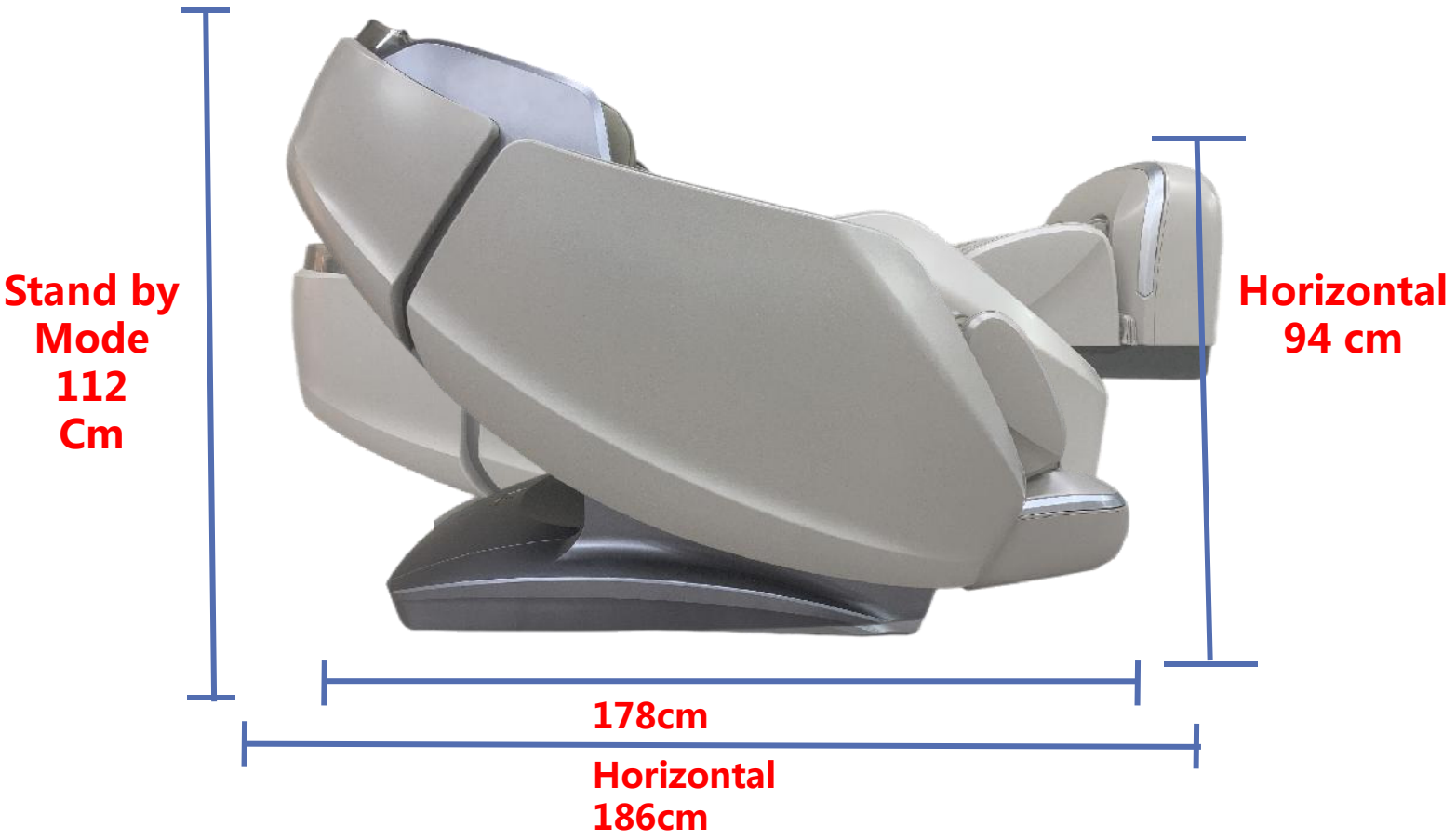
7. Shortcut buttons
Automatic mode, linkage adjustment, voice switch and other functions.

8. Intelligent voice control

Open the massage chair to enjoy real intelligent massage through the voice command

6. Heating the backrest
The back hyperthermia at 55 ℃, the wavelength of carbon fiber heat emitted by it coincides with the wavelength emitted by human body, stimulates acupoints, can eliminate your back stiffness and soreness, and promote metabolism

2. Product size



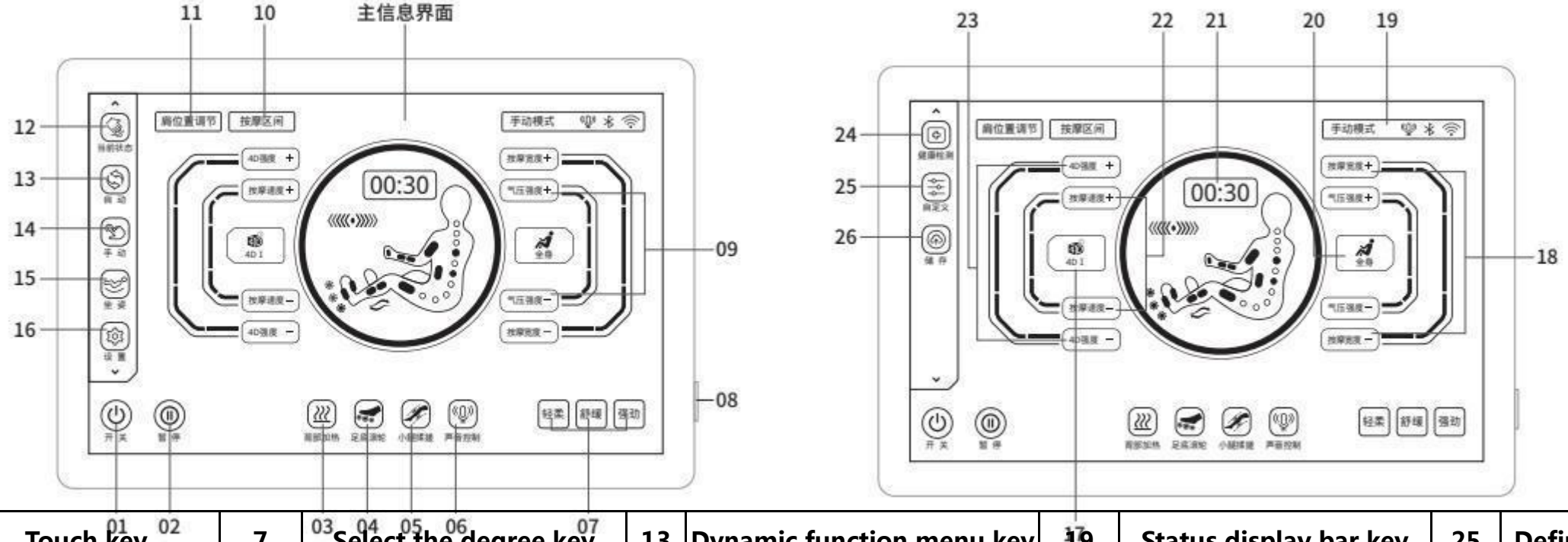
3. Product parameters

Product specification			
Model	A661	Gross weight	Main engine: 116KG armrest: 28KG
Name	Massage chair	Net weight	Main engine: 100KG armrest: 24KG
Rated voltage	AC110-220V/50Hz	Packing size	Main engine 148*77*90cm armrest 66*35*121.5 cm
Rated power	160W	Product size (M-style)	178*80*112CM
Rated time	20 minutes	Product size (Horizontal)	186*80*94CM
Integral packing	The chair lies to the end	After dismantling the armrest capsule,	Wide 73 CM

4. Part name

1	Head cushion	2	remote	3	Arm pressure	4	Backrest cushion
5	Leg massage assembly	6	Atmosphere lamp	7	Shoulder pressure	8	armrest shortcut key
9	Health sensor	10	armrest				

5.1. Introduction of Manual Controller



1	Touch key	7	Select the degree key	13	Dynamic function menu key	19	Status display bar key	25	Definition menu key
2	Pause key	8	Button opening key	14	Move function menu key	20	Pressure massage selection key	26	Save menu key
3	Back heating key	9	Compressive strength key	15	Sitting position adjustment menu key	21	Time adjustment menu key		
4	The bottom roller key	10	Massage interval key	16	Set menu keys	22	Massage speed key		
5	Leg kneading keys	11	Shoulder position adjustment key	17	Massage instruction selection key	23	4D strength bond		
6	Sound control keys	12	Current status key	18	Massage width key	24	Health check menu key		

6. Intelligent voice control

	Voice-activated entry	Answer entry
Say "HI, alice" in the massage chair, Or press the right hand shortcut key Verbal keys Wake-up voice control can realize the corresponding function by saying the corresponding entry	End a massage	Answer: OK, end the massage
	Start massage	Answer: OK, start massage
	Zero pressure stretching	Answer: OK, zero pressure stretch
	Chinese massage	Answer: OK, Chinese massage
	Fatigue recovery	Answer: OK, fatigue recovery
	The waves gently rub	Answer: OK, the waves gently rub
	Thai lacing	Answer: OK, Thai lacing
	Relaxing tendons and activating collaterals	Answer: OK, relax muscles and activate collaterals
	Shoulder and neck care	Answer: OK, shoulder and neck care
	Lumbar care	Answer: OK, waist care
	Leg soothing	Answer: OK, legs are soothing
	Element wake-up	Answer: OK, element wake up
	Soothe the nerves and help sleep	Answer: OK, soothe the nerves and help sleep
	Close pressure	Answer: OK, turn off the pressure
	Turn on pressure	Answer: OK, turn on the pressure
	Sitting up	Answer: OK, sit up
	Sitting posture descent	Answer: OK, sit down

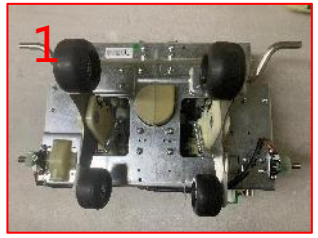
1. Schematic diagram of internal structure

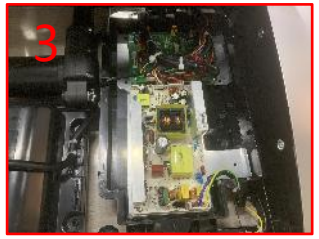
2. Plug-in distribution diagram

3. Schematic diagram of solenoid valve

4. Schematic diagram of product disassembly and assembly

1.1. Schematic diagram of internal structure



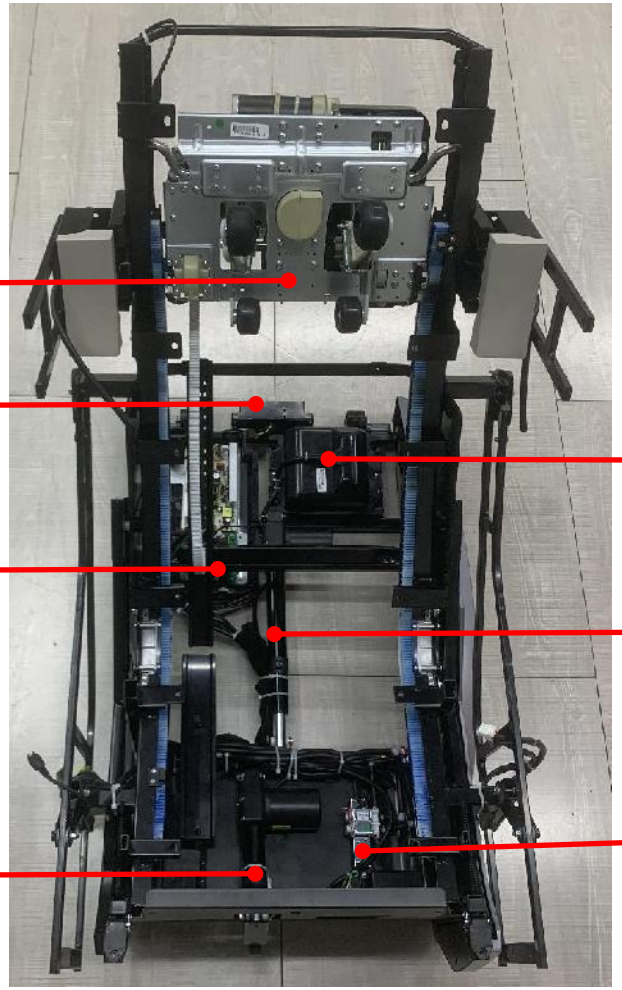


1. Manipulator assembly

2. Power Switch Box

3. Drive box assembly

4. Calf electric cylinder

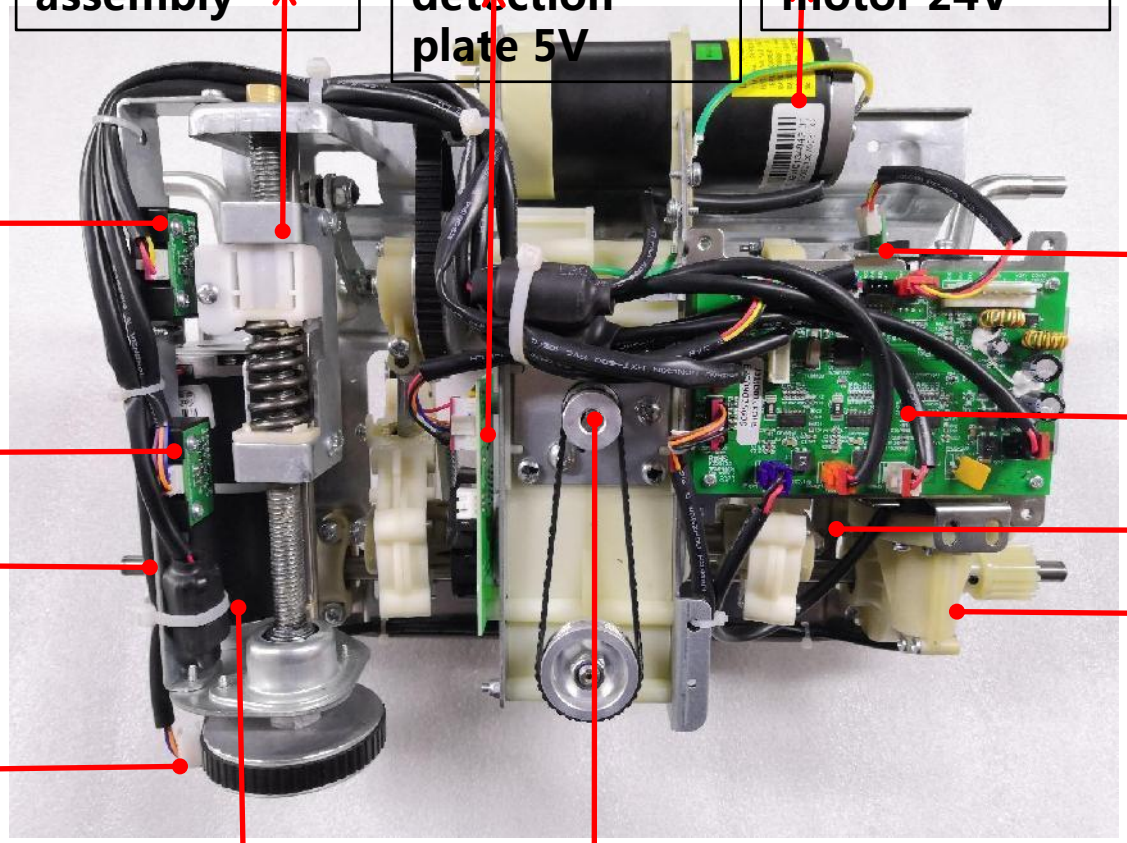


5. Air pump

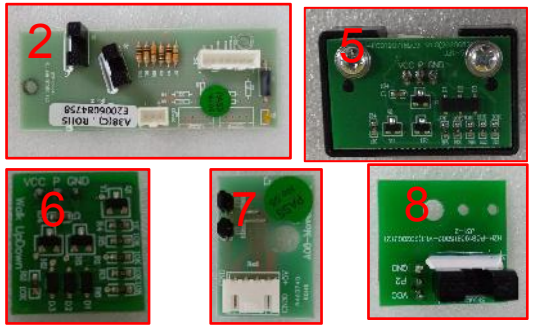
6. Back electric cylinder

7. Solenoid Valve

1.2. Schematic diagram of manipulator structure



1. Telescopic assembly
2. Width detection plate 5V
3. Beat the motor 24V
4. Telescopic upper limit detection board 5V
5. Telescopic lower limit detection plate 5V
6. Walking limit detection plate 24V
7. Telescopic Detection Board 5V
8. Turn detection board 5V
9. Manipulator Drive Board
10. Traveling motor 24V
11. Walking limit detection 24V
Telescopic motor 24V
Kneading motor 24V



2.1. Schematic diagram of drive board plug-in distribution

Red:
24V input

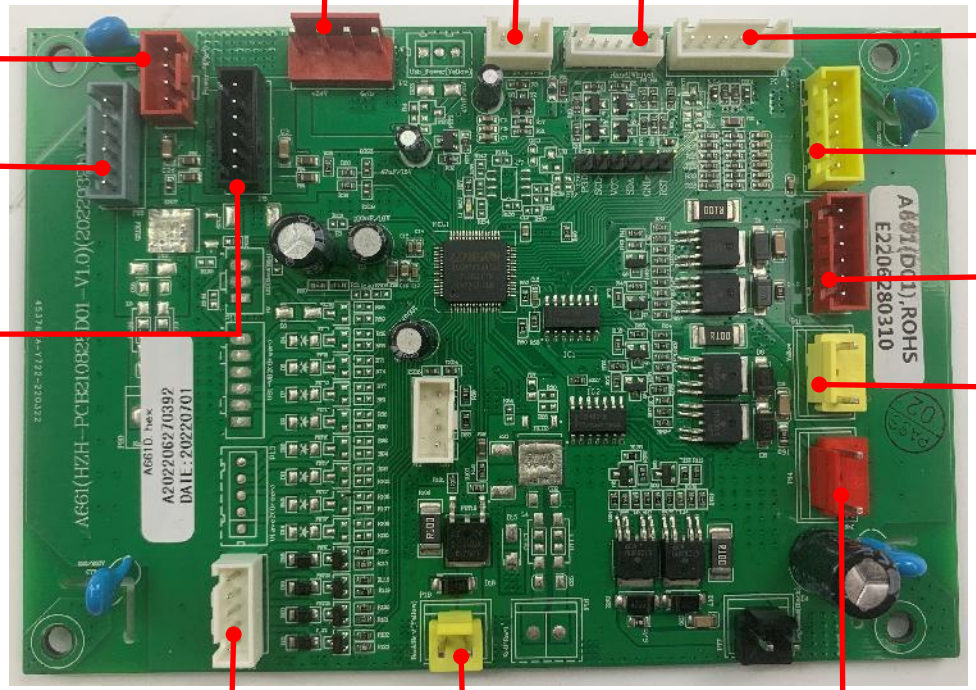
White:
5V input

White:
Manual controller 5V

Red:
Right armrest plug-in 24V

Gray:
Leg drive plate plug-in

Black:
Manipulator drive board plug-in



White:
Right armrest plug-in 5V

Yellow:
Inspection of shank electric cylinder 5V

Red:
Detection of 5V by backrest electric cylinder

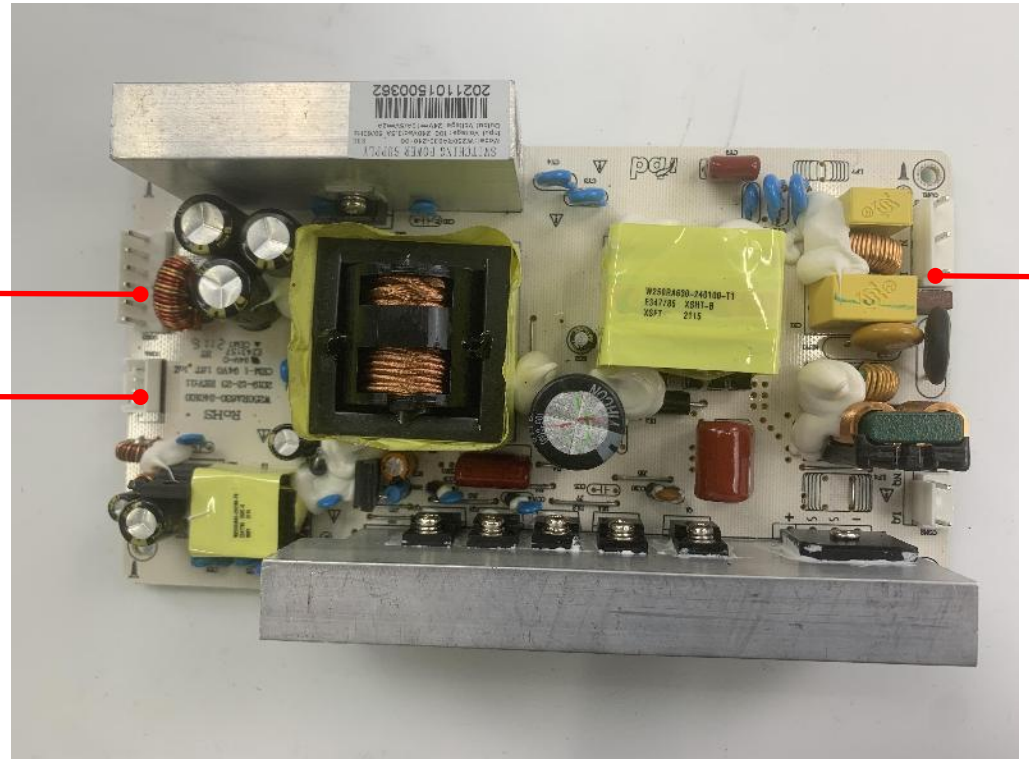
Yellow:
Leg electric cylinder plug-in 24V

White:
Solenoid valve insert 24V

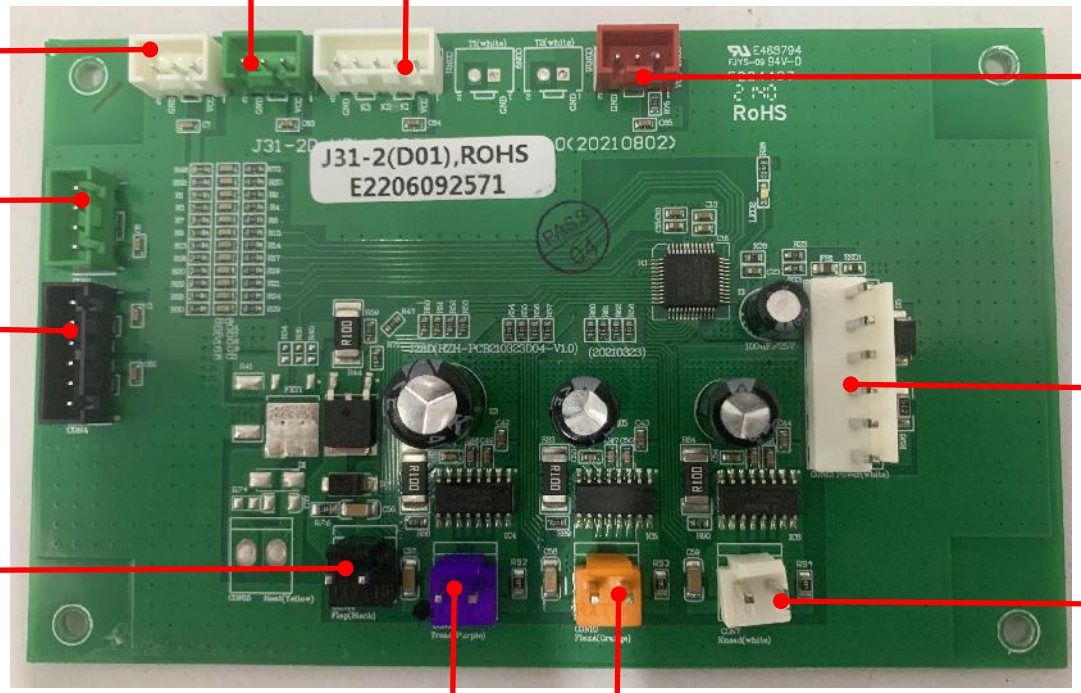
Yellow:
Back heating 24V

Red:
Backrest electric cylinder plug-in 24V

2.2. Schematic diagram of plug-in distribution of switching power supply board



2.3. Schematic diagram of plug-in distribution of manipulator drive board



Green:
Telescopic lower limit 5V

White:
Width detection 5V

White:
Telescopic upper limit 5V

Red:
Shoulder position detection 5V

Green:
Expansion detection 5V

Black:
Walking limit detection 5V

White:
Drive board input

Black:
Flapping motor 24V

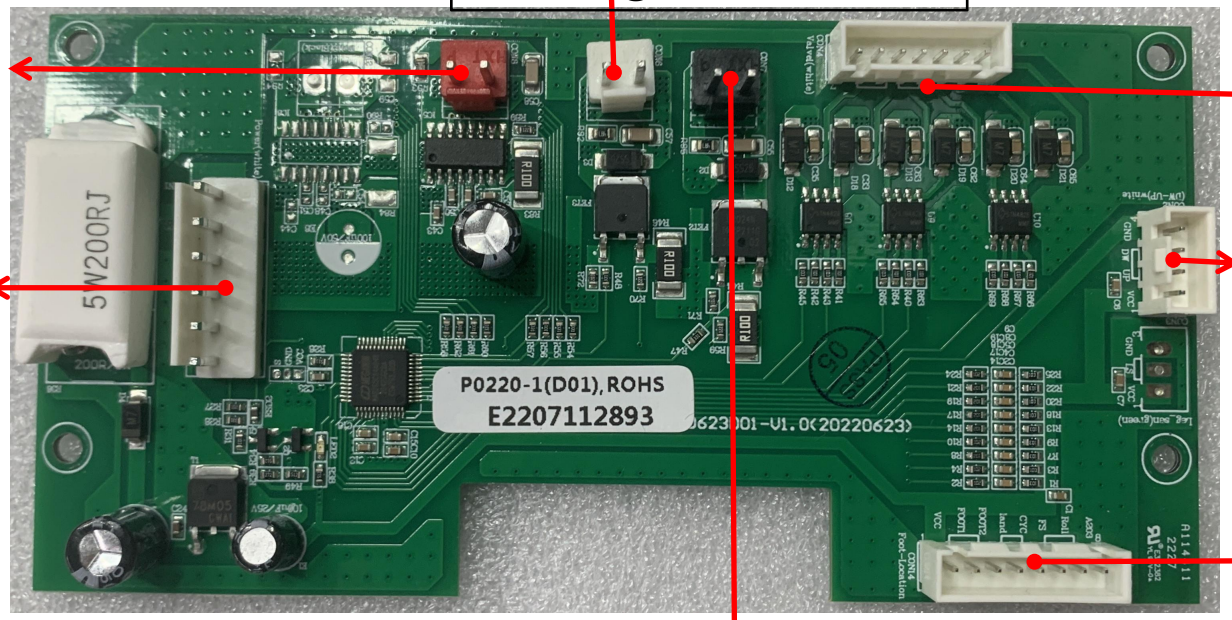
White:
Kneading motor 24V

Purple:
Traveling motor 24V

Orange:

Telescopic motor 24V

2.4. Schematic diagram of plug-in distribution of calf drive board



White:
Rubbing motor 24V

Red:
Telescopic motor 24V

White:
24V input

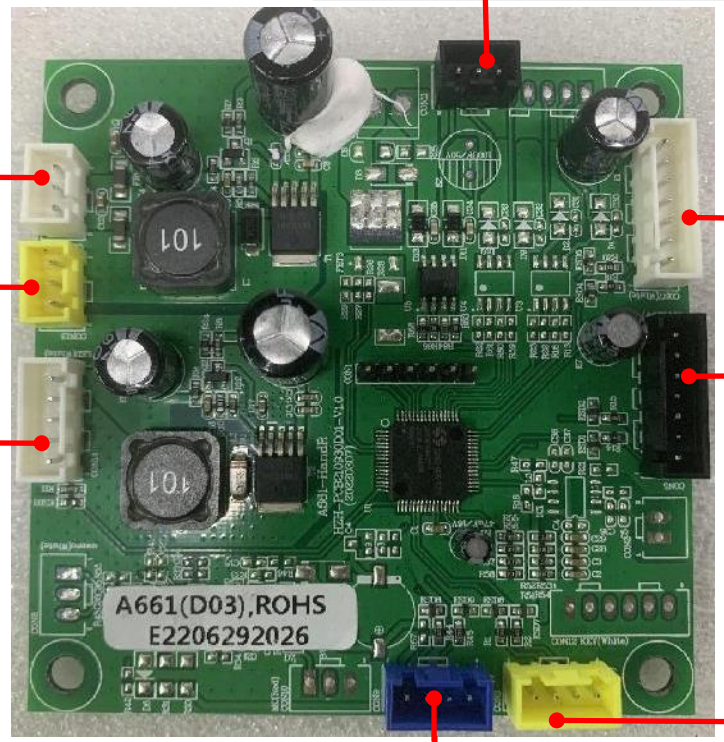
White:
Solenoid valve 24V

White:
Leg telescopic test 5V

White:
Leg adapter plate

Black:
Foot roller motor 24V

2.5. Schematic diagram of plug-in distribution of right armrest panel



Black:
Solenoid valve 24V

White:
USB plug-in 5V

Yellow:
Wireless charging 5V

White:
Artistic Conception Lamp 24V

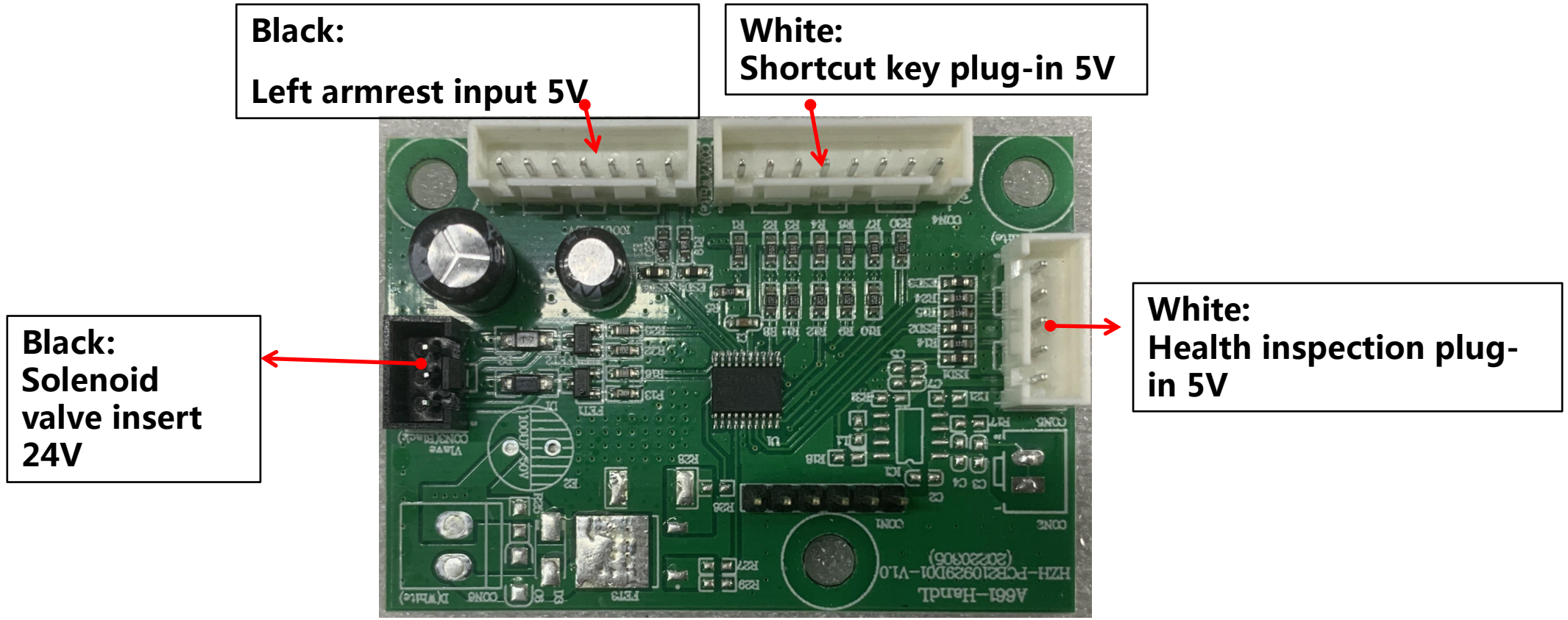
White:
Drive board input

Black:
Left armrest output 5V

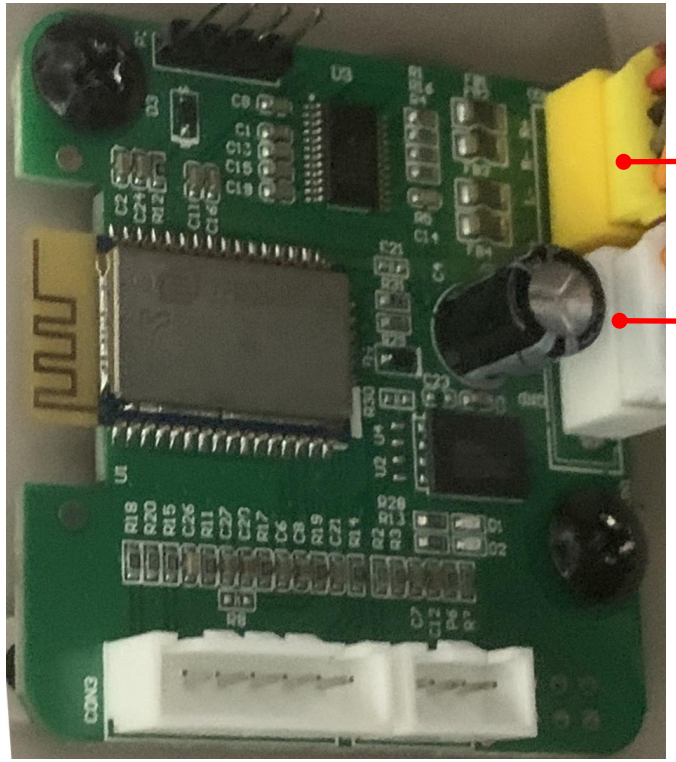
Yellow:
Intelligent Voice 5V

Blue:
Bluetooth plug-in 5V

2.6. Schematic diagram of plug-in distribution of left armrest panel



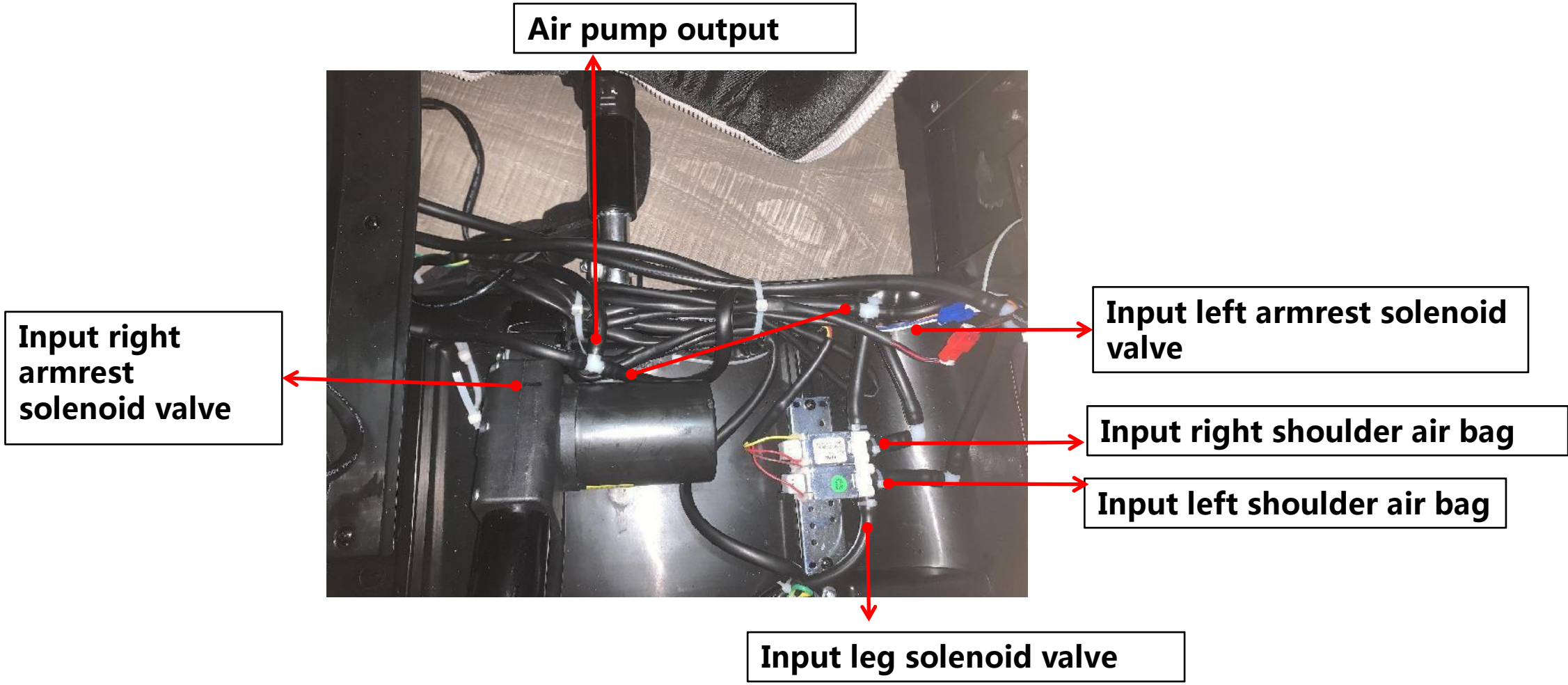
2.7. Schematic diagram of audio Bluetooth board plug-in



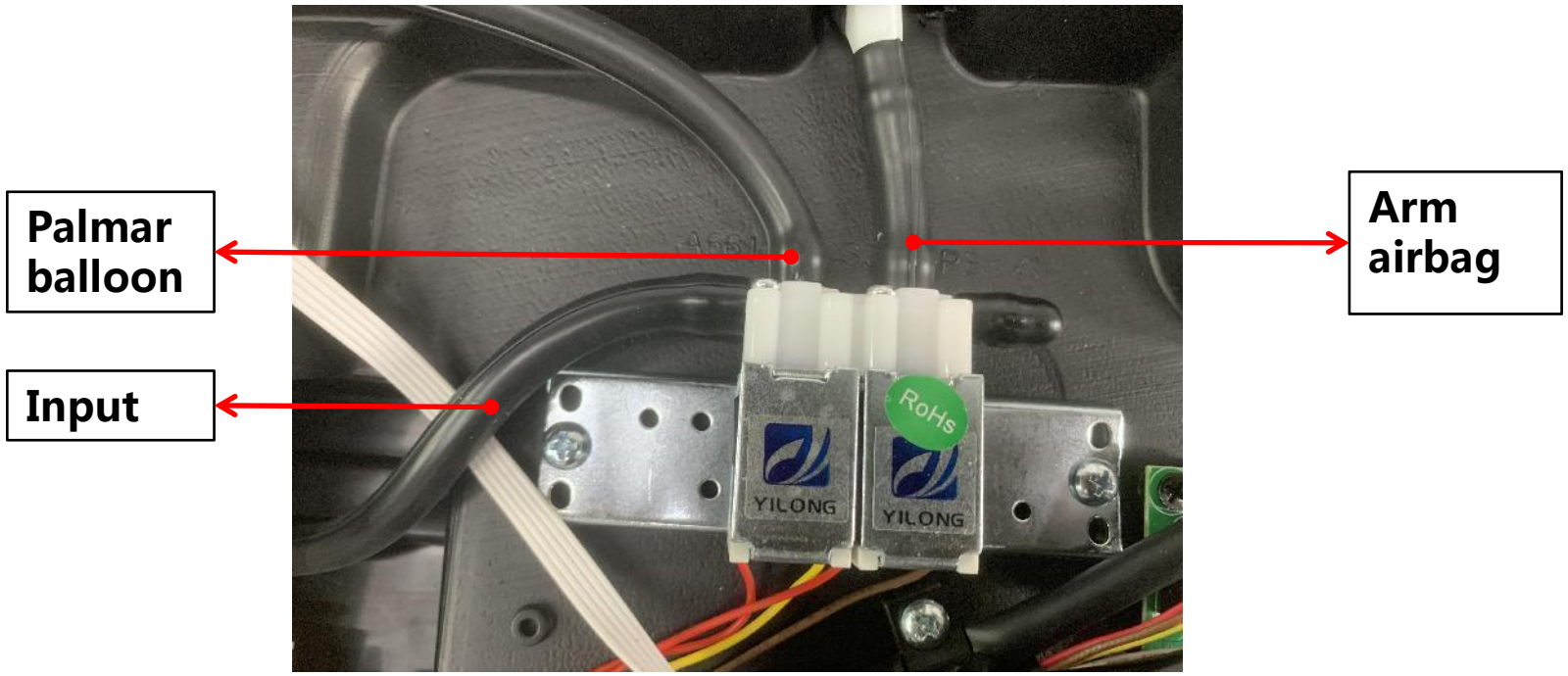
Yellow:
Audio output
5V

White:
5V input

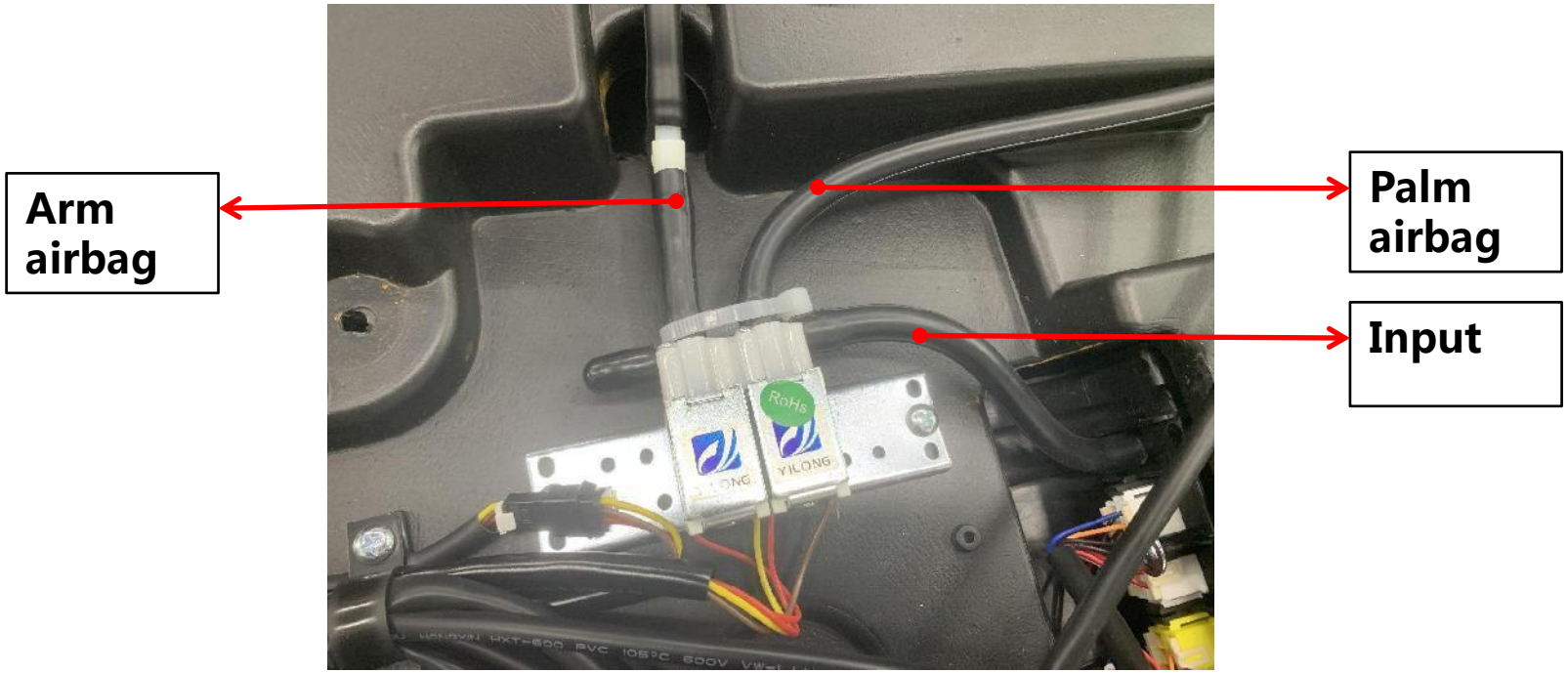
3.1. Schematic diagram of air inlet and outlet of support solenoid valve



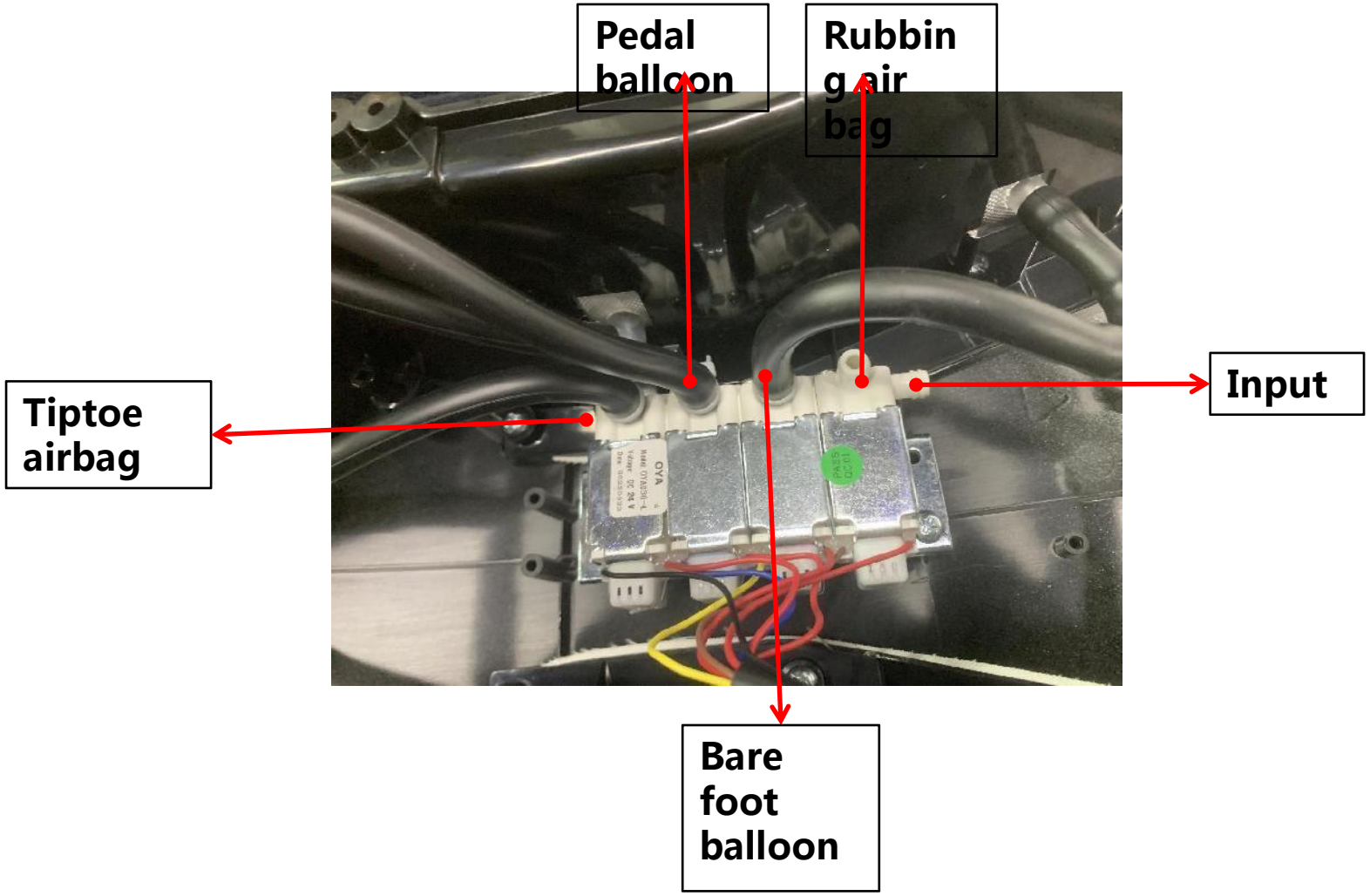
3.2. Schematic diagram of air inlet and outlet of left armrest solenoid



3.3. Schematic diagram of air inlet and outlet of right armrest solenoid



3.4. Schematic diagram of air inlet and outlet of calf solenoid valve



4.1. Schematic diagram of driving box cover disassembly

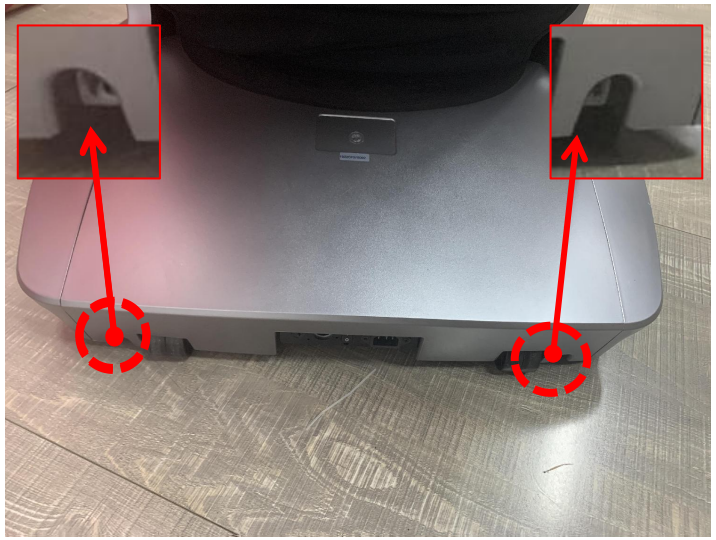


Figure 1

1. Remove the two screws of the back cover (Figure 1)

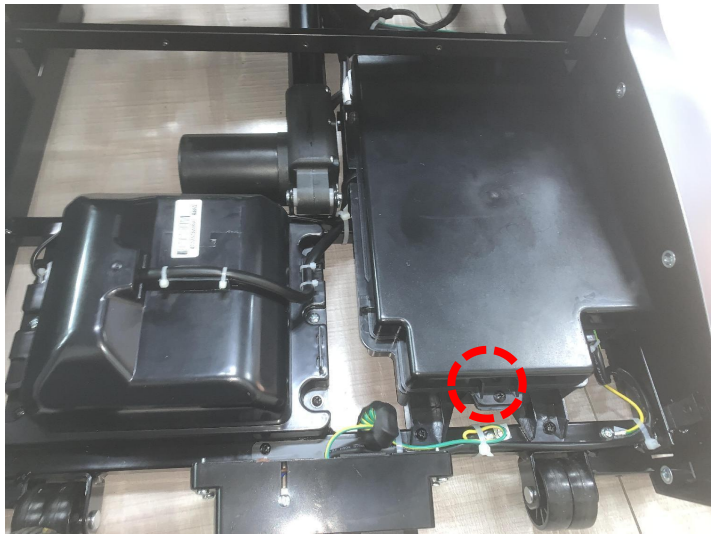


Figure 2

2. Remove one screw of the drive box cover (Figure 2)

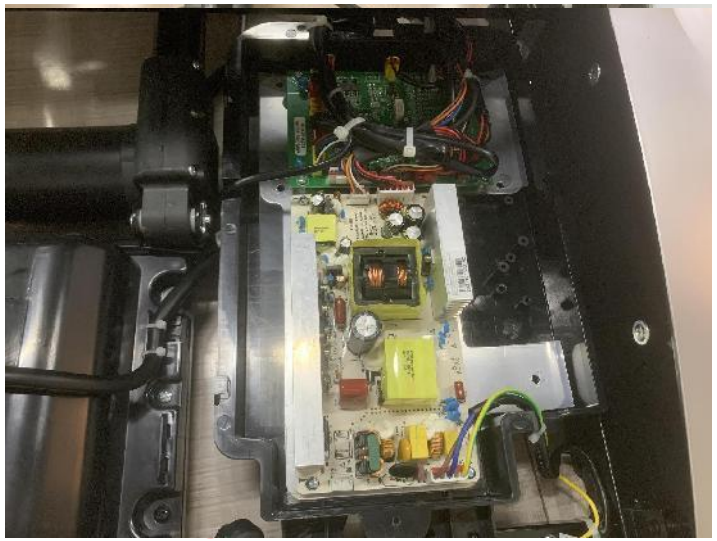


Figure 3

2. Remove the drive box cover (Figure 2)

4.2. Schematic diagram of backrest cushion disassembly

To remove the backrest cushion, you need to remove 7 zippers and 1 heating plug-in (the heating plug-in is at the yellow ring)

4.3. Schematic diagram of calf disassembly

Figure 1

Figure 2

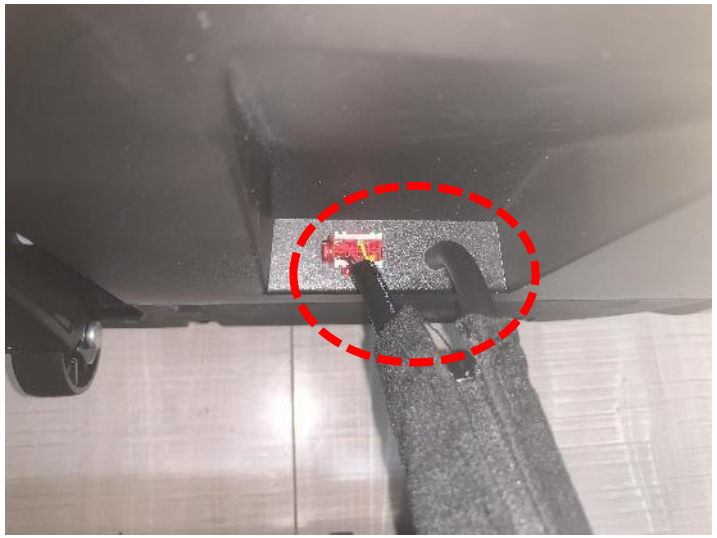


Figure 3

1. Unzip the connection between the calf and the backrest cushion (Figure 1)

2. Remove one screw on the left and one screw on the right and hold the lower leg (Figure 2)

3. Separate the plug-in trachea (Figure 3)

4.4. Schematic diagram of armrest assembly disassembly

(1) Note: The calf assembly needs to be removed first

Figure 1

1. Before disassembling the armrest, it is necessary to lie down the backrest a little to expose the four fixing screws at the front end of the armrest (Figure 1)

Figure 2

2. Remove the front end 2 fixing screws (Figure 2)

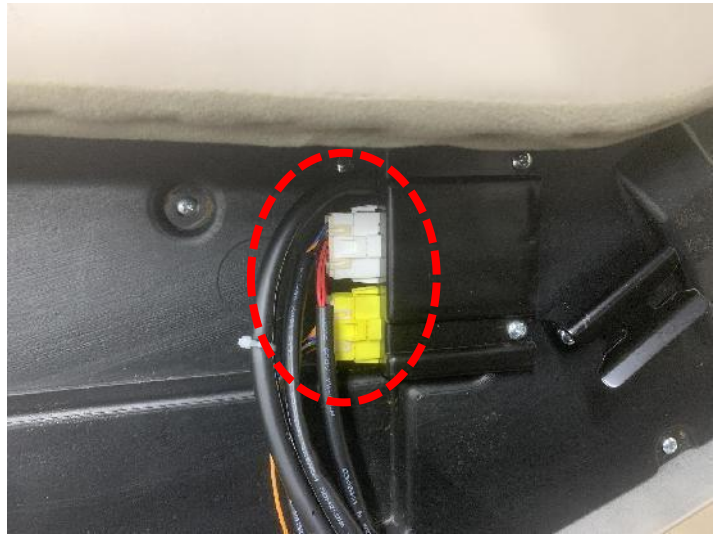


Figure 3

3. Separate the two plug-ins and the trachea-ready armrest (Figure 3)

4.5. Schematic diagram of disassembly of capsule components (1) Note: When disassembling

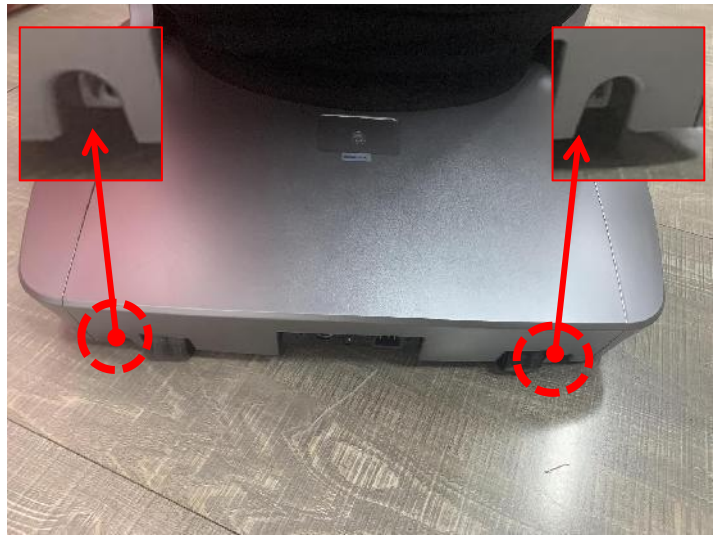


Figure 1

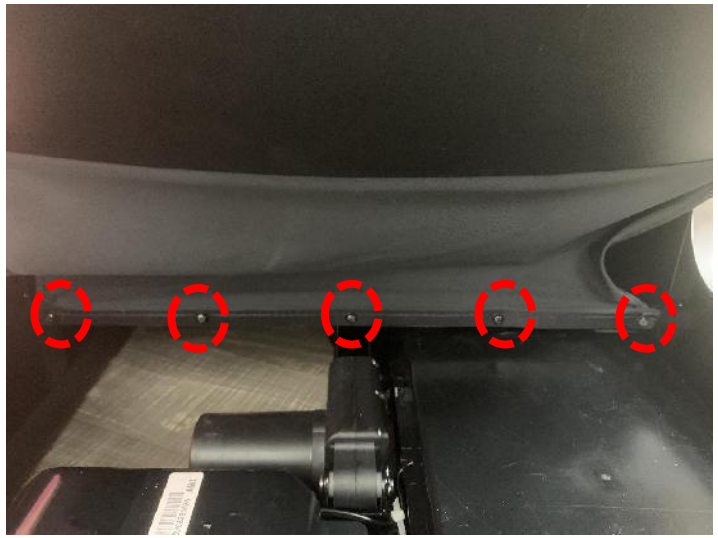


Figure 2

Figure 3

1. Remove the two fixing screws of the back cover and remove the back cover (Figure 1)

2. Remove the 5 screws of the rear cover shielding cloth (Figure 2)

3. Remove the 4 screws of the rear cover and remove the rear cover (Figure 3)

4.5. Schematic diagram of capsule assembly disassembly (2) Note: When disassembling the c

Figure 1

1. Separate the plug-in on the left side of the capsule (Figure 1)

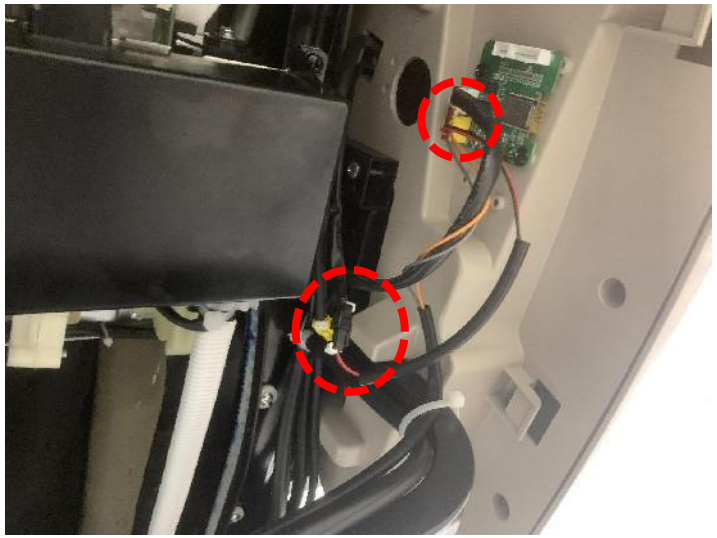


Figure 2

2. Separate the plug-in on the right side of the capsule (Figure 2)

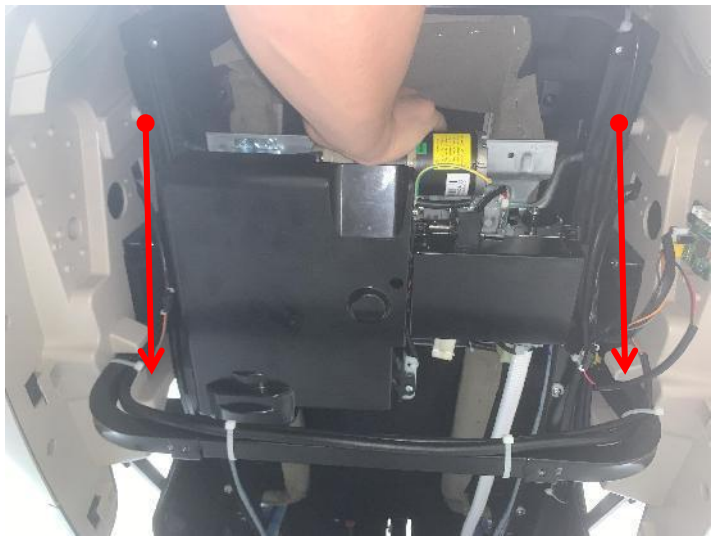


Figure 3

3. Push the manipulator down (Figure 3)

4.5. Schematic diagram of capsule assembly disassembly
(3) Note: When disassembling the capsule,
the calf assembly and armrest assembly should be removed first

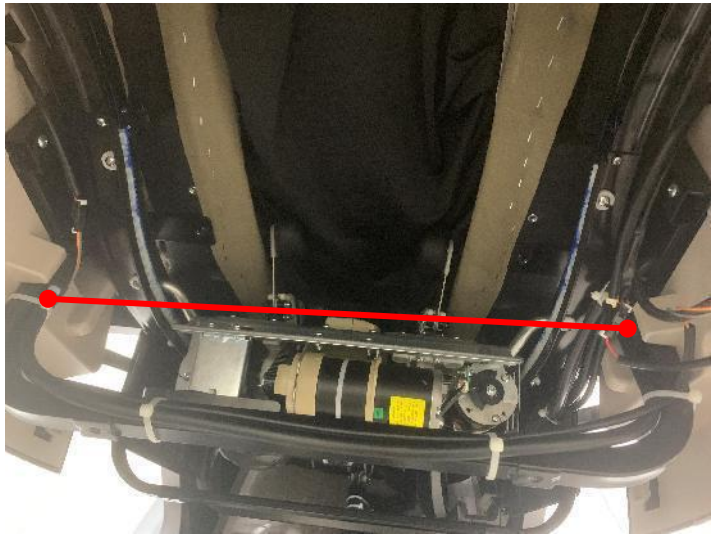


Figure 1

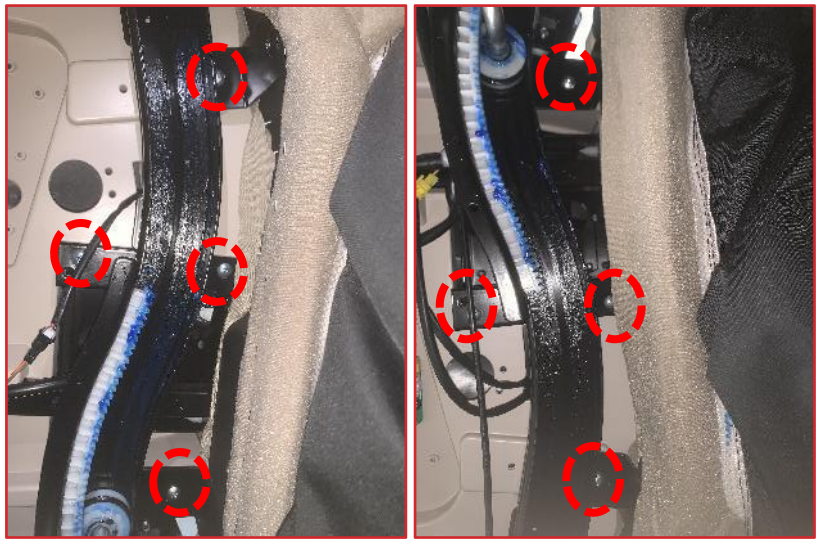


Figure 2

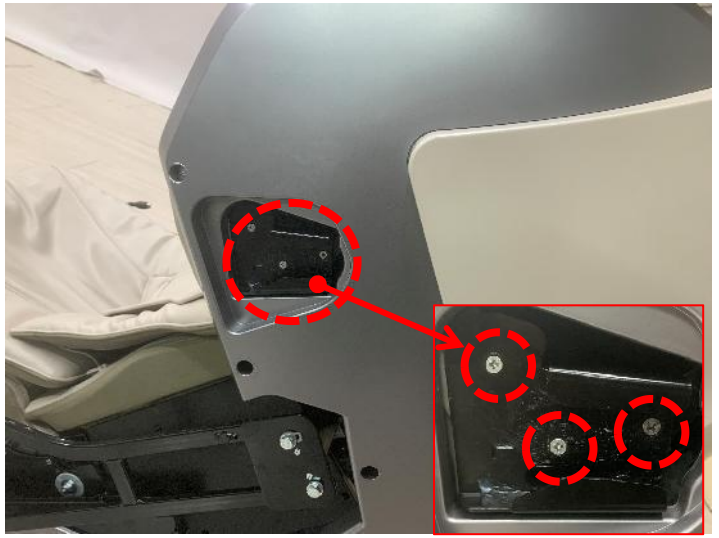


Figure 3

1. The manipulator is pushed to the position of fixing screws at the bottom of the capsule to facilitate disassembly of screws (Figure 1)

2. Remove the left and right 4 fixing screws (Figure 2)

3. Remove the three fixing screws of the left and right armrest fixing parts, and remove the armrest fixing parts (Figure 3)

4.5. Schematic diagram of disassembly of capsule components

(4) Note: When disassembling capsule, it is necessary to disassemble leg components and armrest components first

Figure 1

Figure 2

1. Break one side of the capsule outward and move out a part. The other side is also operated in the same way. After the two sides are pulled apart, the capsule components can be removed by exerting force on one side (Figure 1)

4.6. Disassembly Schematic Diagram of Manipulator Massage Assembly (1)

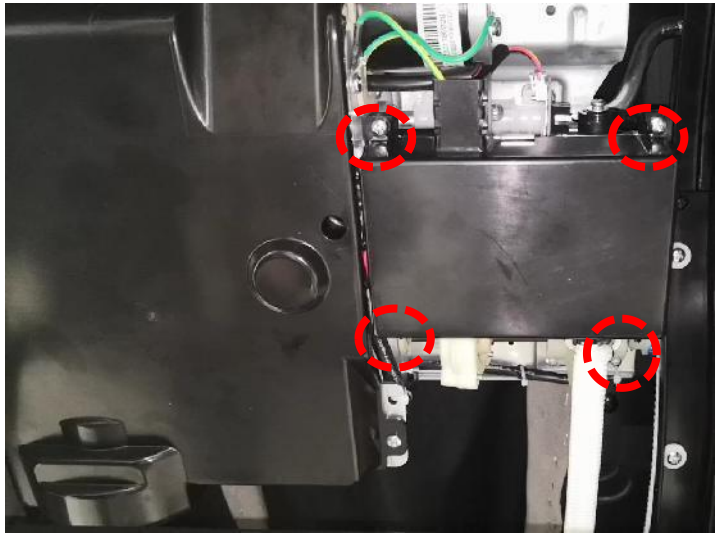


Figure 1

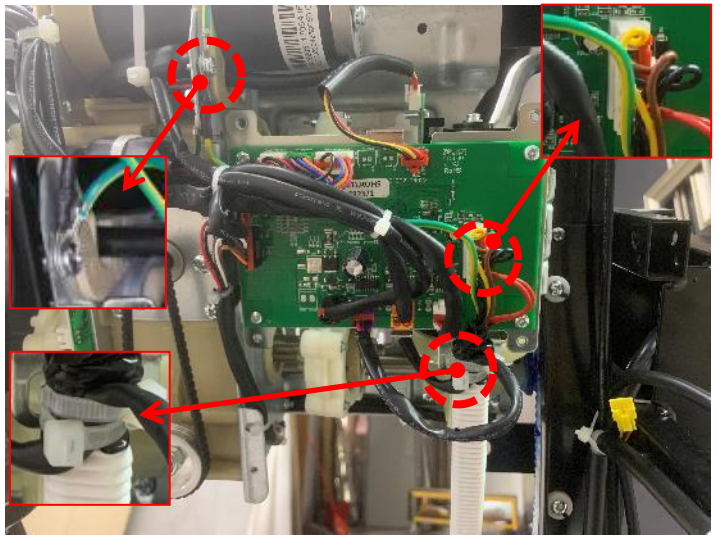


Figure 2

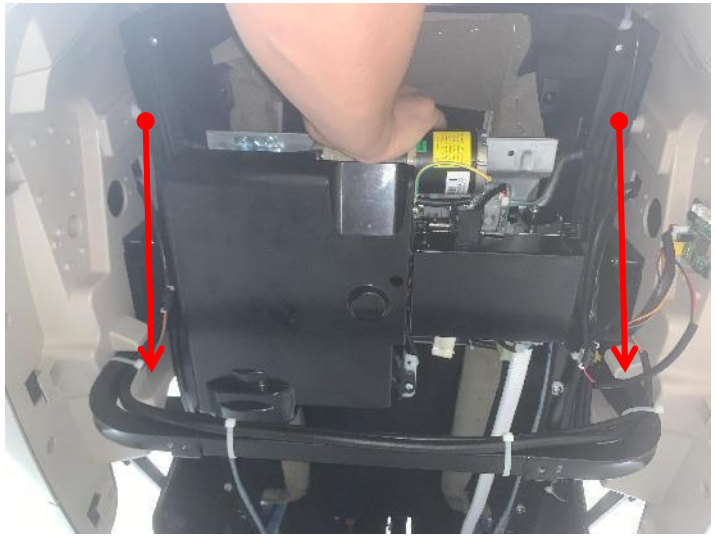


Figure 3

1. Remove the four screws of the manipulator driving box cover (Figure 1)

2. Cut off the tie at the red circle, separate the wiring harness plug-in of the manipulator, and remove the ground wire fixing screw (Figure 2)

3. Push the manipulator down to expose the fixing screws of the guide rail patch for easy disassembly (Figure 3)

4.6. Disassembly Schematic Diagram of Manipulator Massage Assembly (2)

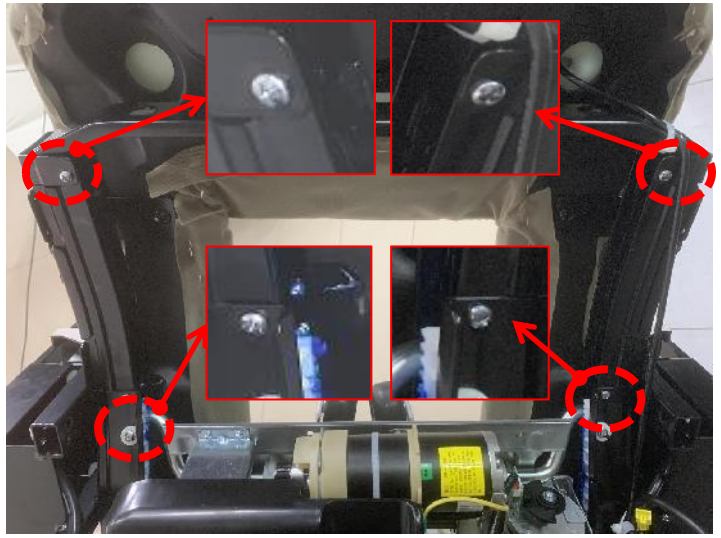


Figure 1

1. Remove 2 screws for each of the left and right guide rail patches (Figure 1)

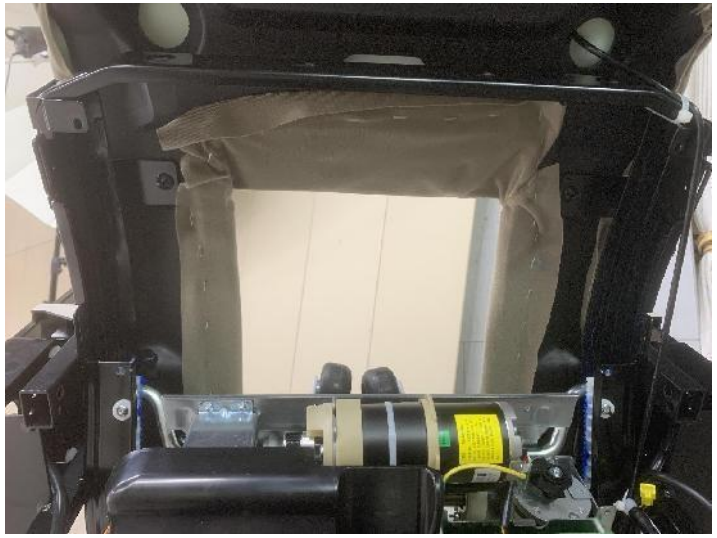


Figure 2

2. Remove the left and right guide rail patches (Figure 2)

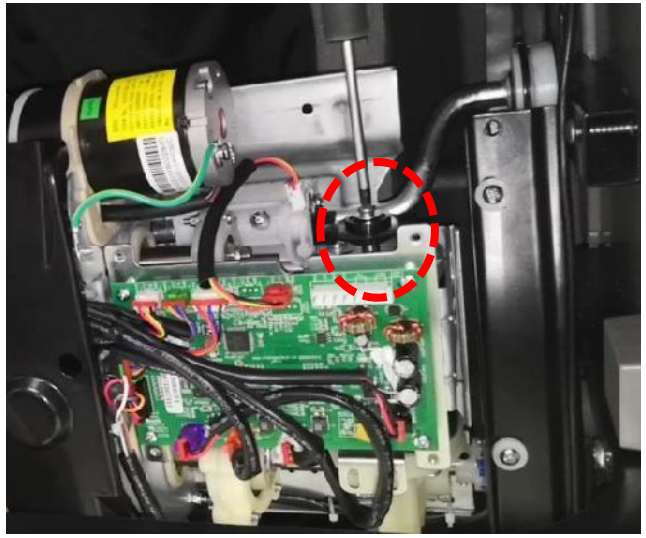


Figure 3

3. Turn the walking motor with a screwdriver, move the manipulator upward, and take out the manipulator from the notch (Figure 3)

4.7. Schematic diagram for disassembly of the side cover assembly of the seat frame

Note: The armrest assembly and the rear cover should be removed first

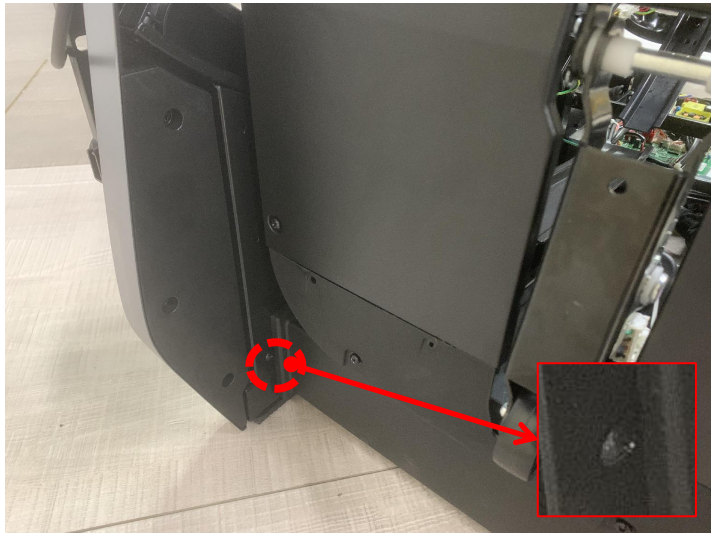


Figure 1

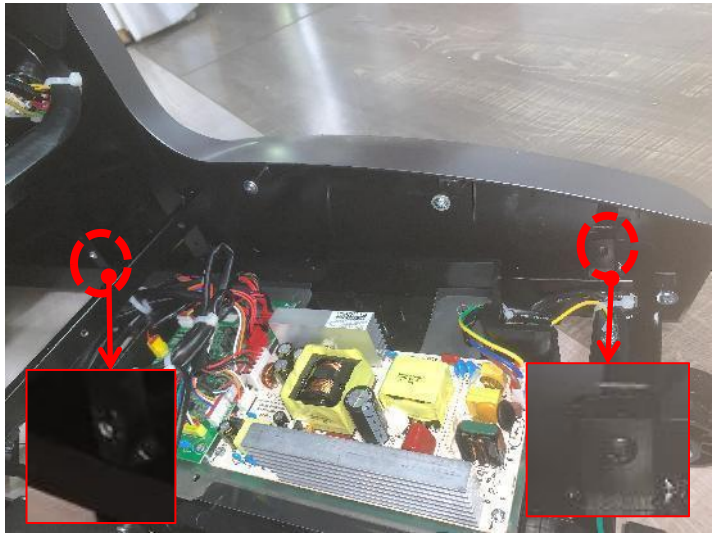


Figure 2

Figure 3

1. Remove one screw at the front end of the side cover (Figure 1)

2. Remove two screws at the rear end of the side cover (Figure 2)

3. Remove the four fixing screws outside the side cover to remove the side cover (Figure 3)

4.8. Disassembly Schematic Diagram of Electric Cylinder

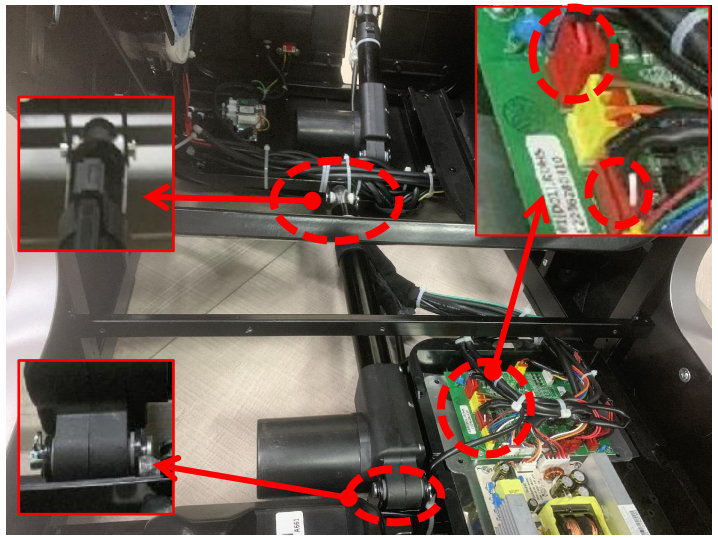
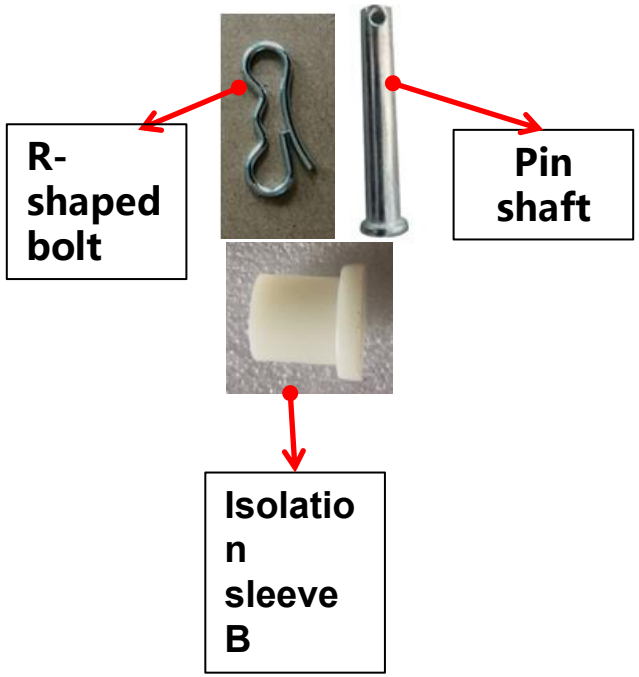


Figure 1

Backrest electric cylinder



1. Remove the R-shaped bolt and pin shaft at the red ring, separate the backrest electric cylinder plug-ins (2 red plug-ins), and take out the backrest electric cylinder (Figure 1). Pay attention to the position of the isolation sleeve when disassembling

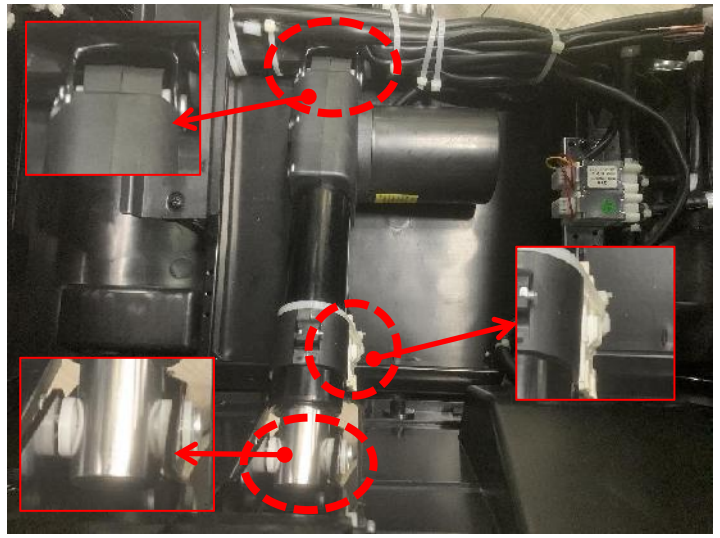


Figure 2

calf cylinder

1. Remove the R-shaped bolt and pin shaft at the red ring, separate the plug-in of the lower leg electric cylinder, and take out the backrest electric cylinder (Figure 2). Pay attention to the position of the isolation sleeve when disassembling

4.9. Schematic diagram of shoulder airbag disassembly

Figure 1

Figure 2

Figure 3

1. Unzip the shoulder airbag (Figure 1)

2. Remove the two fixing screws of the air bag (Figure 2)

3. Separate the trachea and remove the air bag (Figure 3)

4.10. Schematic diagram of arm airbag disassembly

Figure 1

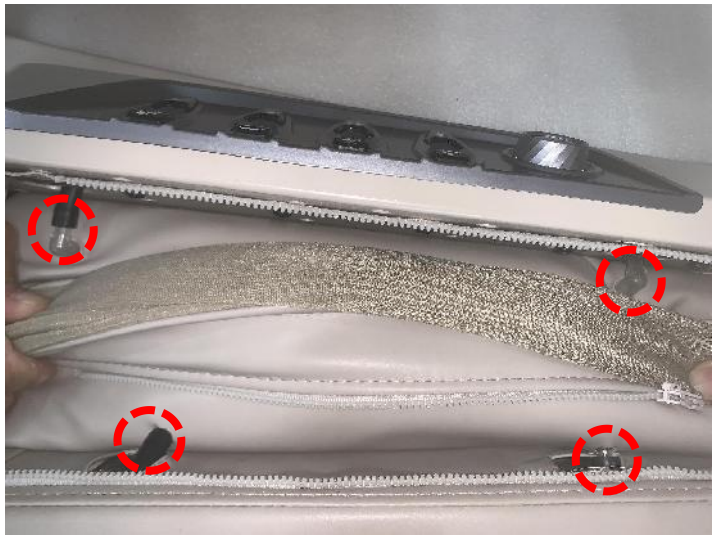


Figure 2

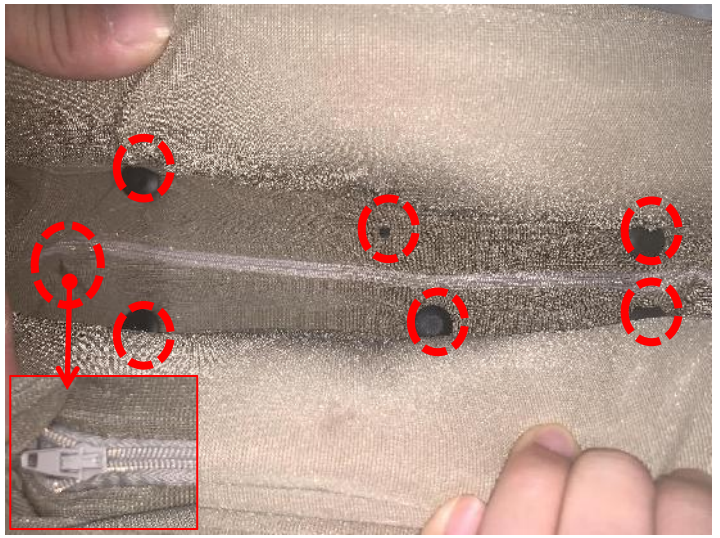


Figure 3

1. Unzip the upper and lower sides (Figure 1)

2. Separate four tracheal plug-ins (Figure 2)

3. Forcibly open the buckle, take out the air bag holster, and open the zipper to take out the air bag (Figure 3)
(The prototype is temporarily buckled with screws and buckles)

4.11. Removal of upper leg kneading cloth and replacement of air bag (1)

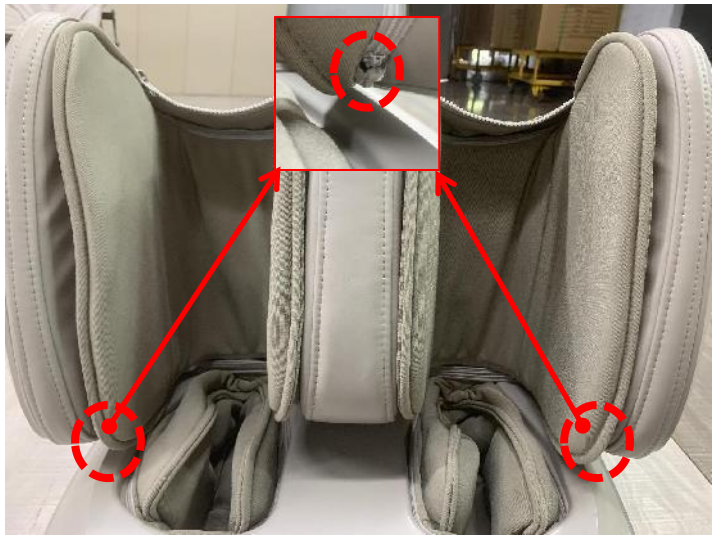


Figure 1

Figure 2

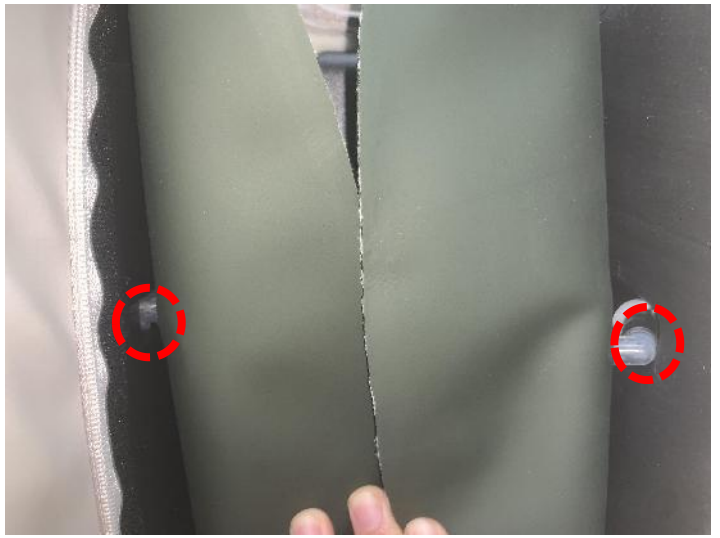


Figure 3

1. Unzip and remove the upper leg kneading cloth (Figure 1)

2. Remove the air bag fixing screw (Figure 2)

3. The air bag can be removed by separating the trachea (Figure 3)

4.12. Removal of lower leg kneading cloth and replacement of air bag (1)

Figure 1

Figure 2

Figure 3

Figure 4

1. Unzip the kneading cloth (Figure 1)

2. Separate the adhesive buckle and remove the kneading cloth (Figure 2)

2. Remove the screw that needs to remove the air bag (Figure 3)

3. Separate the corresponding trachea to remove the air bag (Figure 3)

4.13. Removal of kneading assembly and kneading motor (1)

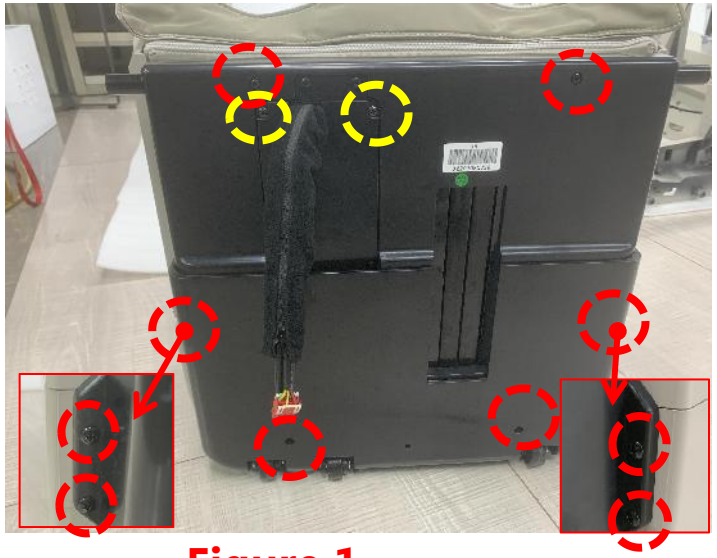


Figure 1

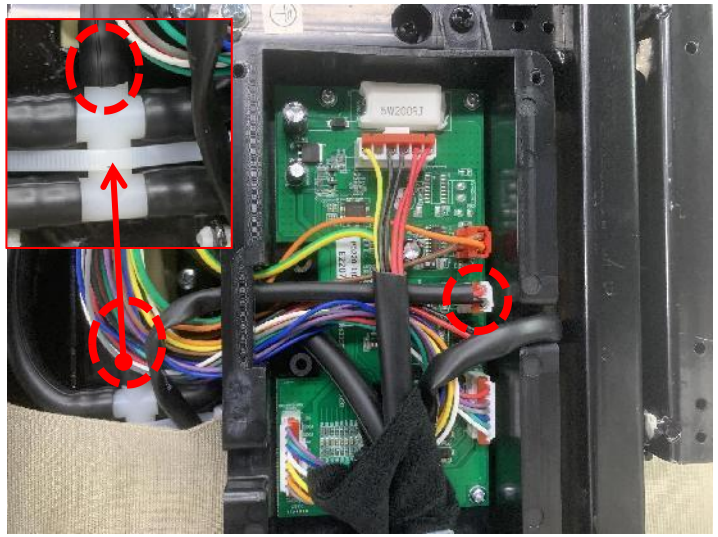


Figure 2

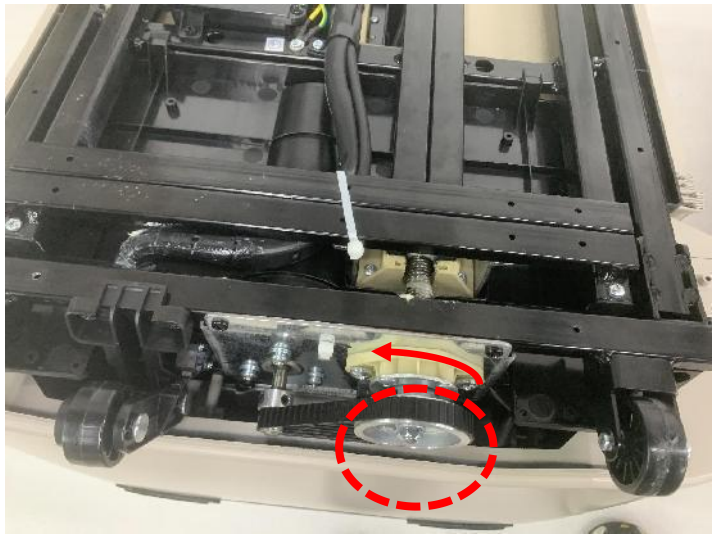


Figure 3

1. Remove 8 fixing screws (red rings) of the lower leg back cover and 2 fixing screws (yellow) of the lower leg drive box cover (Figure 1)

2. Separate the calf kneading plug-in and the trachea at the red circle (Figure 2)

3. Turn the telescopic passive wheel to the left to stretch the calf (Figure 3)

4.10. Removal of kneading assembly and kneading motor (2)

Figure 1

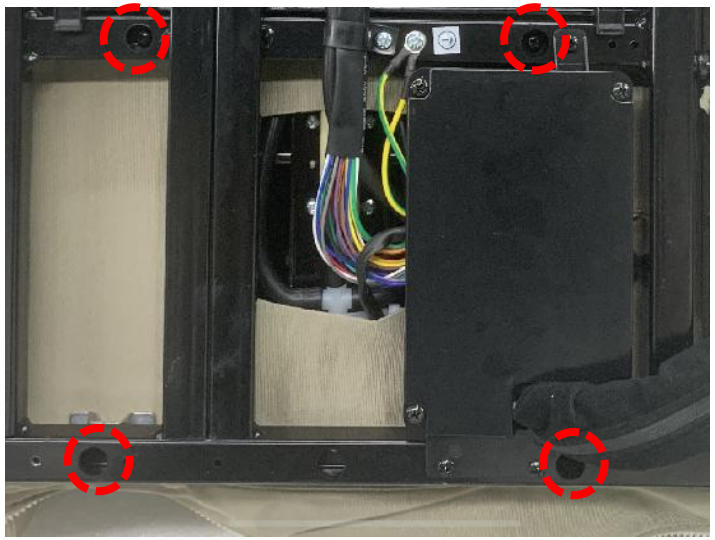


Figure 2

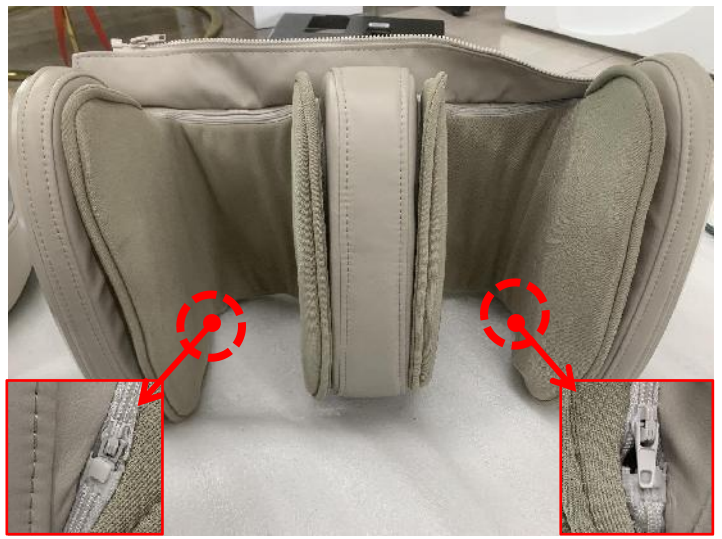


Figure 3

1. Unzip the shielding cloth with a tie (Figure 1)

2. Remove the four fixing screws of the upper leg to remove the kneading assembly (Figure 2)

3. Unzip the kneading cloth and remove the kneading cloth (Figure 3)

4.13. Removal of kneading assembly and kneading motor (3)

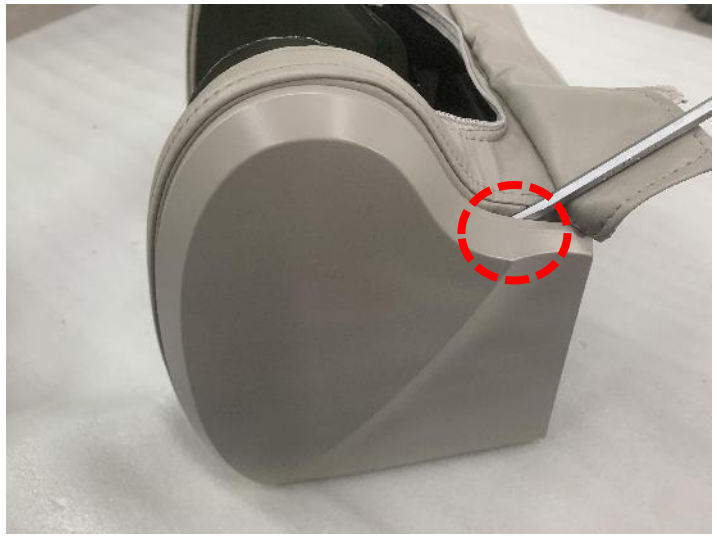


Figure 1

Figure 2

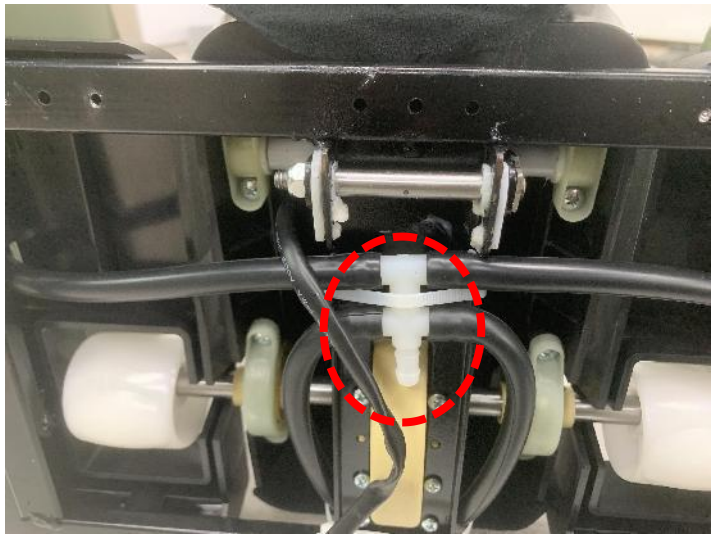


Figure 3

1. Pry open the left and right outer covers of the kneading assembly with a straight screw (Figure 1)

2. Remove 4 calf cushion blocks and unzip to remove the kneading assembly holster (Figure 2)

3. Separate trachea (Figure 3)

4.13. Removal of kneading assembly and kneading motor (4)

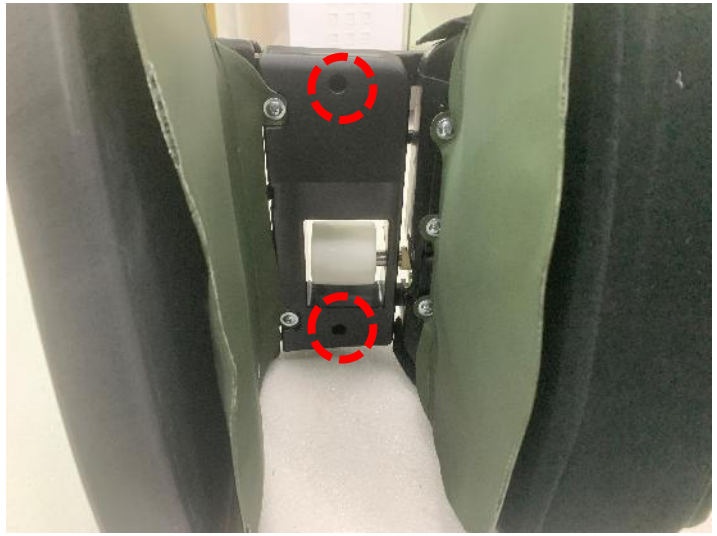


Figure 1

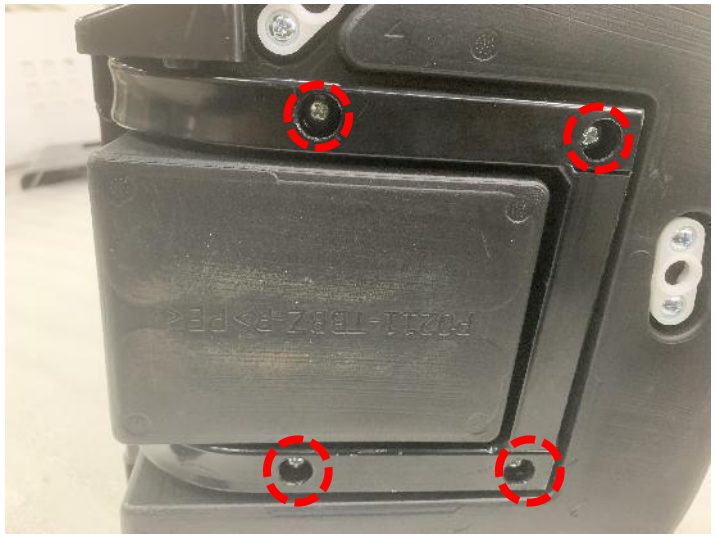


Figure 2

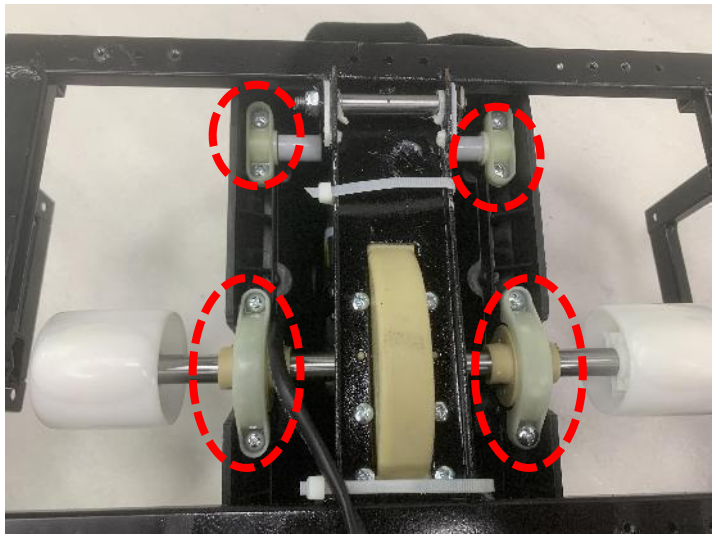


Figure 3

1. Remove two fixing screws in the middle seats of the left and right legs (Figure 1). If only the kneading motor is replaced, this step can be omitted

2. Remove 4 screws of the left and right leg side kneading seat components (Figure 2). If only the kneading motor is replaced, this step can be omitted

3. Remove the 8 screws of the leg kneading seat and separate the leg kneading seat to remove the kneading assembly (Figure 3)

4.13. Removal of kneading assembly and kneading motor (5)

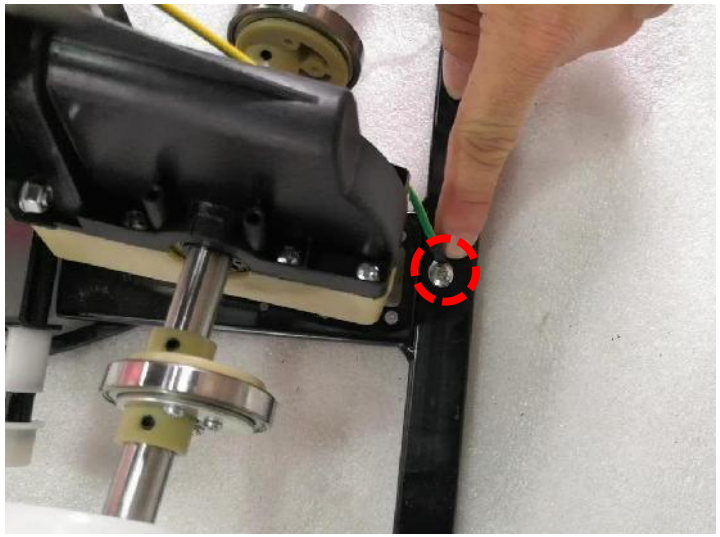


Figure 1

1. Remove the fixing screw (Figure 1)

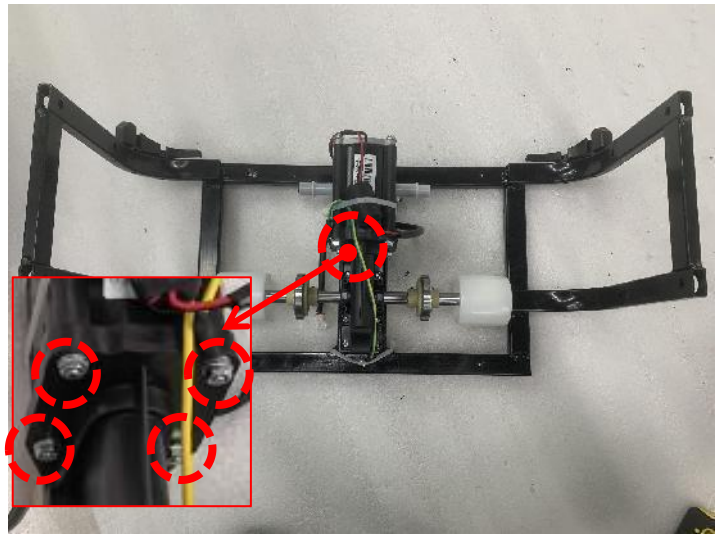


Figure 2

2. Remove the four fixing screws of the kneading motor to remove the motor (Figure 2)

4.14. Foot Roller Assembly Removal (1)

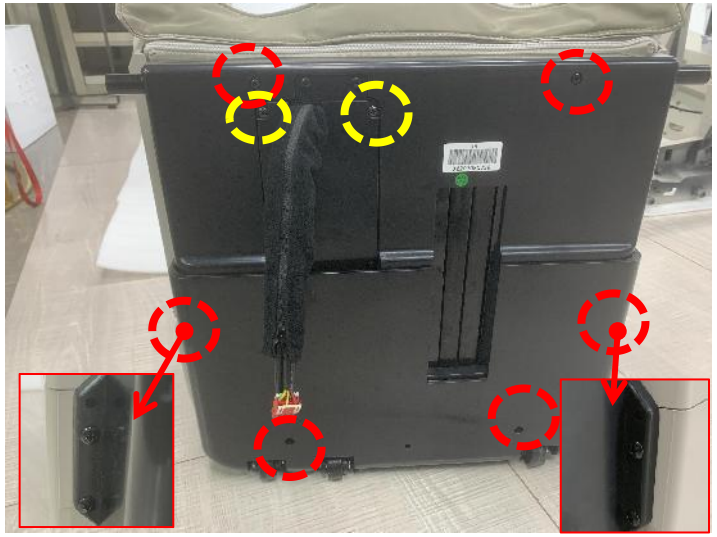


Figure 1

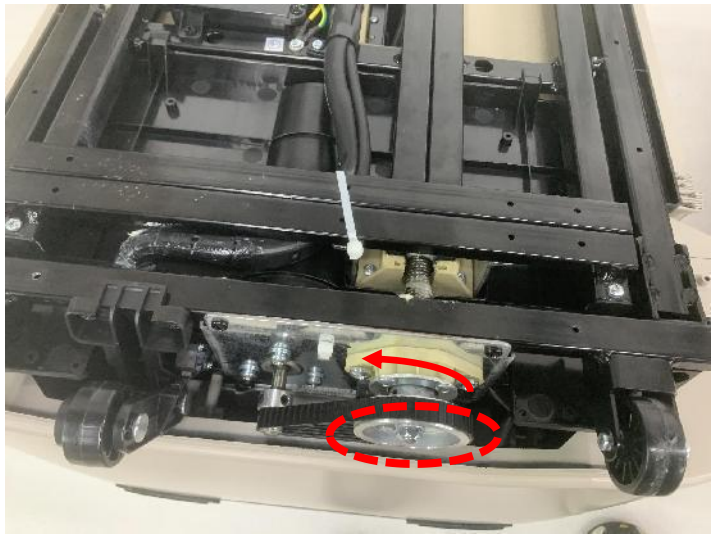


Figure 2

Figure 3

1. Remove 8 fixing screws (red rings) of the lower leg back cover and 2 fixing screws (yellow) of the lower leg drive box cover (Figure 1)

2. Turn the telescopic passive wheel to the left to stretch the calf (Figure 2)

3. Unzip the shielding cloth with a tie (Figure 3)

4.14. Foot Roller Assembly Removal (2)

Figure 1

Figure 2

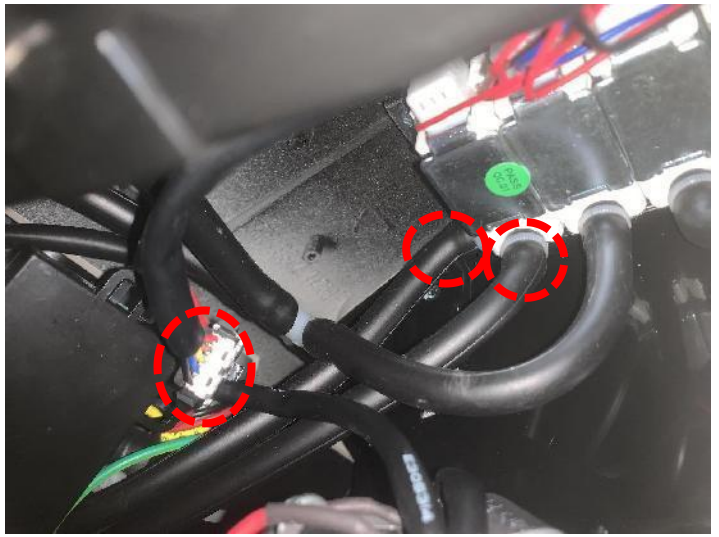


Figure 3

1. Remove the calf trim strip (Figure 1)

2. Remove the 9 fixing screws under the decorative strip (Figure 2)

3. Separate the plug-in from the trachea to remove the upper cover (Figure 3)

4.15. Disassembly Schematic Diagram of Roller Motor

You can disassemble the sole roller motor directly after disassembling the roller assembly step (2)

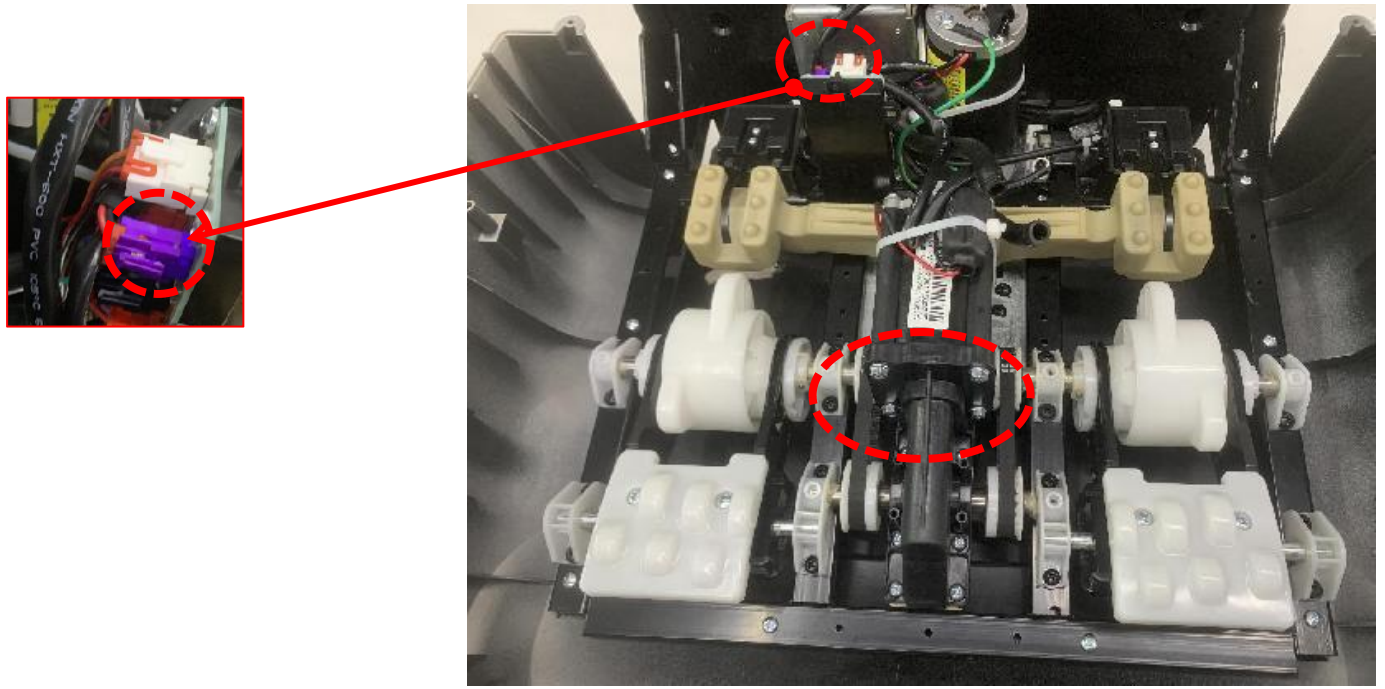


Figure 1

3. Separate the purple plug-in at the red ring, and remove the four motor fixing screws to remove the roller motor (Figure 1)

4.16. Removal of armrest Mounting Frame

Figure 1

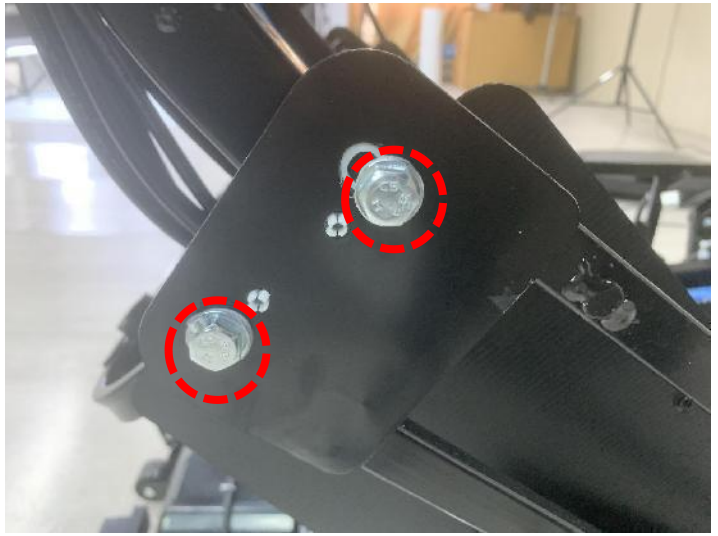


Figure 2

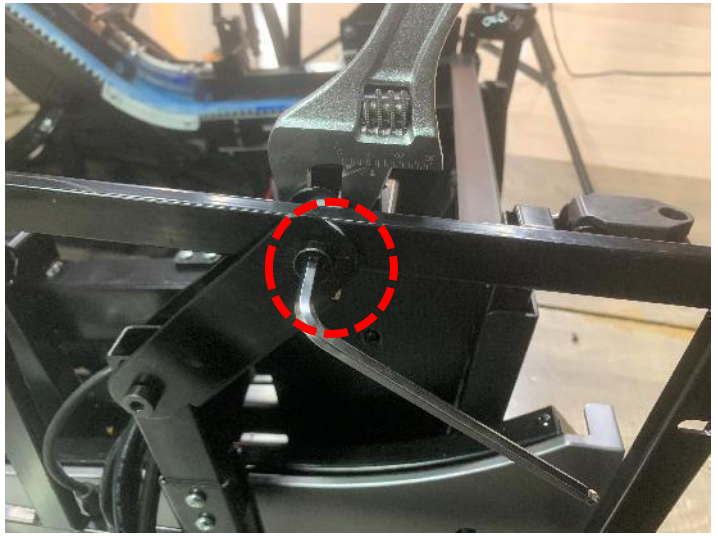


Figure 3

1. Disassembly of armrest mounting frame requires wrench and No.5 hexagon wrench (Figure 1)

2. Remove the upper two screws with a wrench (Figure 2)

3. Remove the armrest mounting bracket by removing the lower screw with a wrench and No.5 inner hexagon wrench (Figure 3)

4.17. Disassembly of armrest, intelligent voice control board, wireless charging board and US

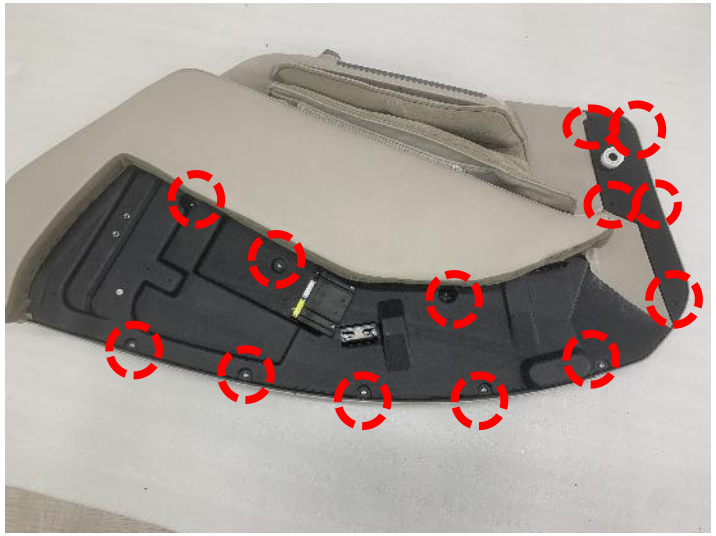


Figure 1

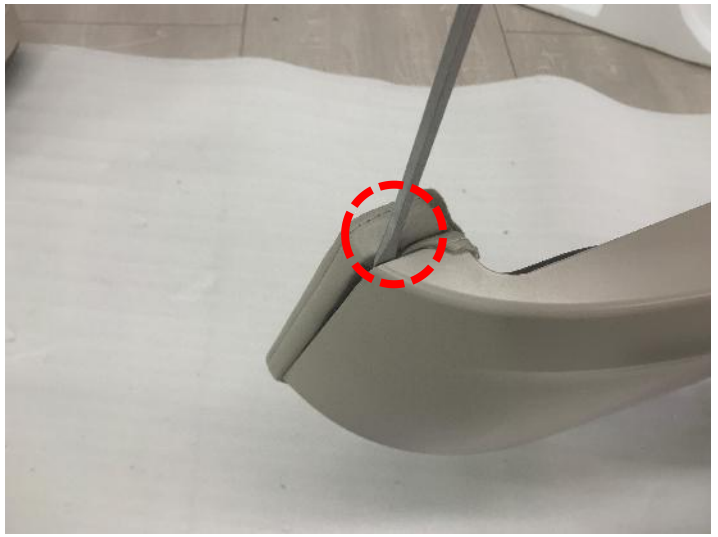


Figure 2

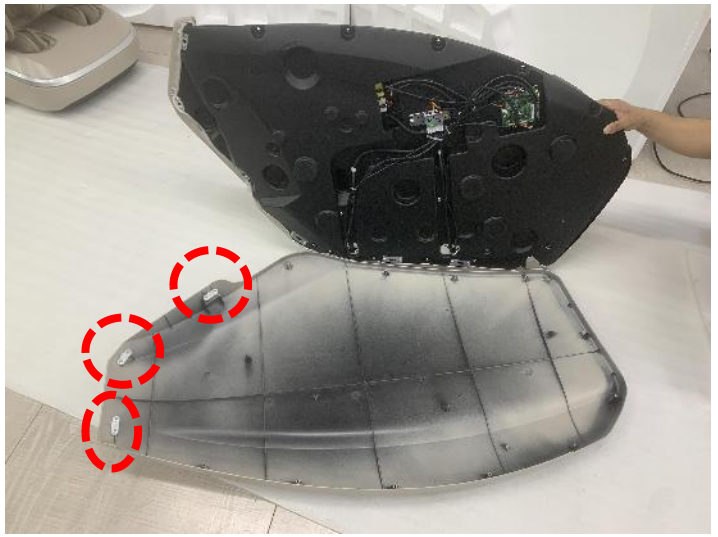


Figure 3

1. There are 13 fixing screws for armrest cover (Figure 1)

2. Pry open the outer cover buckle with a straight screwdriver (Figure 2)

3. Pay attention to the buckle position when removing the outer cover (Figure 3)

4.17. Disassembly of armrest, intelligent voice control board, wireless charging board and USB board (2)

Figure 1

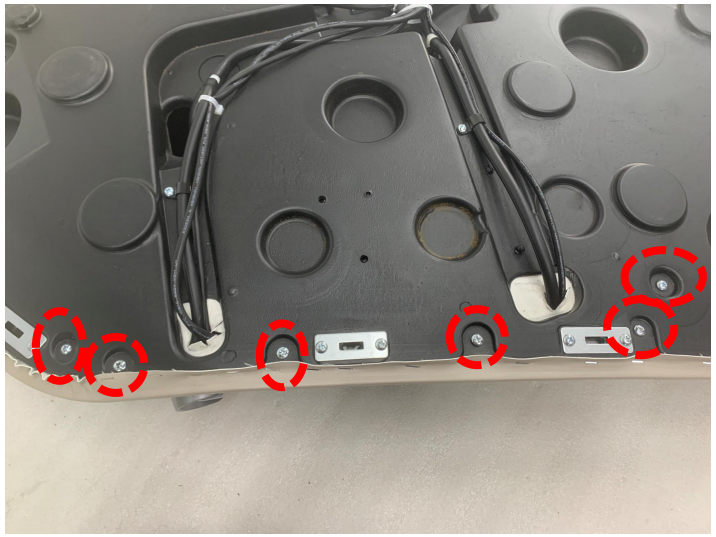


Figure 2

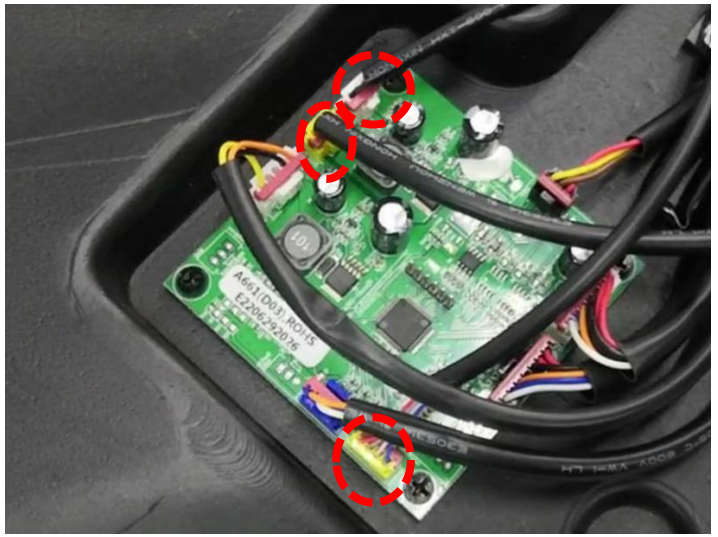


Figure 3

1. Remove 2 air pipes and 3 armrest fixing screws (Figure 1)

2. Remove 6 armrest fixing screws (Figure 2)

3. Separate the three plug-ins at the red circle to remove the armrest assembly (Figure 3)

4.17. Disassembly of armrest, intelligent voice control board, wireless charging board and USB board (1)

Figure 1

Figure 2

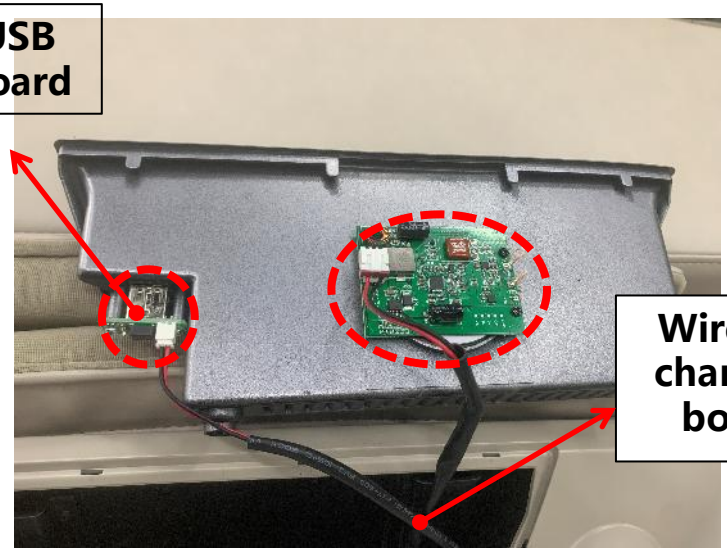


Figure 3

1. Remove the armrest assembly to disassemble the intelligent voice control board (Figure 1)

2. Remove the two fixing screws of the manual slot (Figure 2)

3. Remove the manual slot to remove the wireless charging board and USB board (Figure 3)

7.3 Fault code display

	Display	Malfunction	Possible cause	Troubleshooting
Error Code Table	C1 ~ C5	Kneading doesn 't work	C1: kneading motor turns are not detected C2: kneading motor turns is not detected C3: kneading motor turns are blocked and damaged over-current C4: kneading motor turns are not running and not connected C5: kneading motor cannot be detected MOS tube is blocked and controlled	1: kneading motor 2: drive plate 3: manipulator drive plate
	F1 to F6	Manipulator does not walk	F1: The number of turns of the detected motor travel cannot be detected F2: The travel limit error (the travel limit board is not damaged or damaged) F3: The blocked motor is blocked, current F4: The travel limit is not running, not running F5: The travel limit is overtime F6: The MOS detection of the motor is connected and cannot be controlled	1: Travel motor 3: Manipulator drive plate 4: Detection plate
	E1 ~ E3	Flapping doesn 't work	E1: Beating motor is blocked and over-current E2: Beating motor is not running or connected E3: Beating motor MOS tube is damaged and cannot be controlled	1: Flapping motor 3: Manipulator drive plate 4: Detection plate
	All troubleshooting is based on the normal harness connectors			

7.4 Fault code display

Error Code Table	Display	Malfunction	Possible cause	Troubleshooting
	B7 to B9 BA ~ BC	Telescope does not work	B7:3D telescopic motor MOS tube is damaged and controlled B8:3D telescopic motor is not running, not connected B9:3D telescopic motor is blocked, over-current BA: 3D telescopic motor error detection limit (telescopic motor detection limit is not detected) BB: 3D telescopic motor is not detected timeout operation	1: Telescopic motor 2: Drive plate 3: Manipulator drive plate
	F7	The complete machine does not work	F7:24V power failure of switching power supply	1: Switching power supply
	CF	Calf does not work	CF: calf communication failure	1: Lower leg drive plate 3: Drive plate:
	All troubleshooting is based on the normal harness connectors			

7.5 Fault code display

	Display	Malfunction	Possible cause	Troubleshooting
Error Code Table	E4-E9	Calf does not stretch	E4: The MOS tube of the lower leg electric rod is detected and cannot be controlled E5: The lower leg electric rod is not running, not E6: The lower leg electric rod is blocked, over-current E7: The lower leg electric rod error (the lower leg electric rod detection limit is not detected or rod operation) E8: The lower leg electric rod is not running	1: Lower leg electric cylinder 2: Drive plate
	FA ~ FC	No heating	FA: back heating MOS tube protection is running and cannot be controlled FB: back heating is not running, not connected, or thermal protection FC: back heating overcurrent protection	1: Heating wire
	FD ~ FF	Sole roller does not work	FD: The MOS tube of the roller motor is damaged and cannot be controlled FE: The roller motor is not running or connected FF: The roller motor is blocked and over-current	1: Foot roller motor 2: Lower leg drive plate
	All troubleshooting is based on the normal harness connectors			

1.4. Fault code display

	Display	Malfunction	Possible cause	Troubleshooting
Error Code Table	EA ~ EF	Don't lie down	EA: Damage of MOS tube of backrest electric rod is uncontrollable EB: Backrest power lever not running, not connected EC: The backrest electric rod is locked and overcurrent ED: Error in detecting the limit of backrest electric rod (the travel limit detection plate is not connected or damaged) EE: The number of turns of backrest electric lever cannot be detected EF: Backrest electric lever running overtime	1: Backrest electric cylinder 2: See the driving board for details
	C6 ~ C8	Non-inflatable	C6: The damage of MOS tube of air pump is uncontrollable C7: Air pump not running, not connected C8: Stroke and over-flow of air pump	1: Drive board 2: Air pump
	CC ~ CE	Kneading doesn't work	CC: The damage of MOS tube of calf kneading motor cannot be controlled CD: Leg kneading motor not running, not connected CE: The leg rubbing motor is locked and overcurrent	1: Calf kneading motor 2: Drive board
	All troubleshooting is based on the fact that the harness plug-in is normal			

1.5. Fault code display

	Display	Malfunction	Possible cause	Troubleshooting
Error Code Table	B1 ~ B6	The calf does not stretch	B1: Damage of MOS tube of calf telescopic motor is uncontrollable B2: Leg telescopic motor not running, not connected B3: Stroke and overcurrent of calf telescopic motor B4: Leg telescopic limit detection error (telescopic limit detection plate is not connected or damaged) B5: The number of turns of the calf telescopic motor cannot be detected B6: Running time-out of calf telescopic motor	1: Calf telescopic motor 2: Leg drive plate
	All troubleshooting is based on the fact that the harness plug-in is normal			

IV Massage chair failure diagnosis

1. Fault code
2. The whole machine does not work
3. Kneading doesn't work
4. Flapping doesn't work
5. The manipulator does not walk up and down
6. The manipulator cannot expand and contract
7. The sole roller does not work
8. The backrest electric cylinder does not work
9. Backrest hyperthermia does not work
10. A certain group of airbags does not work
11. Bluetooth MP3 does not work
12. Intelligent voice control does not work

2. The main reasons why the whole machine does not work: the external power supply of the product, manual controller, power board, drive board and fuse

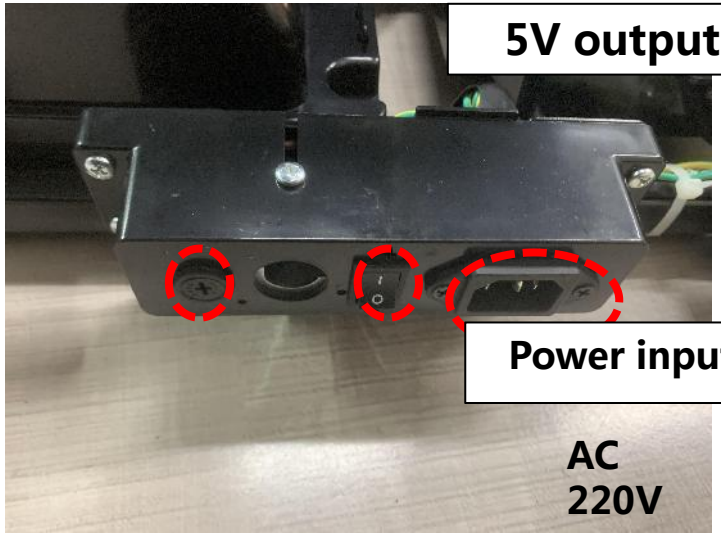


Figure 1

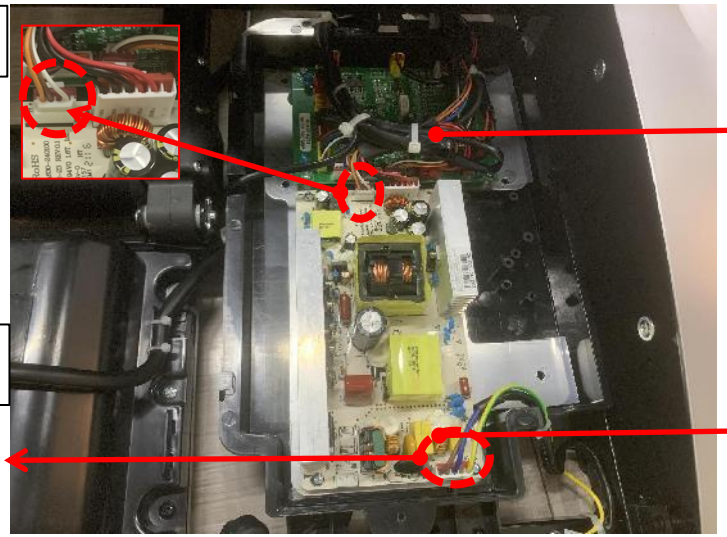


Figure 2

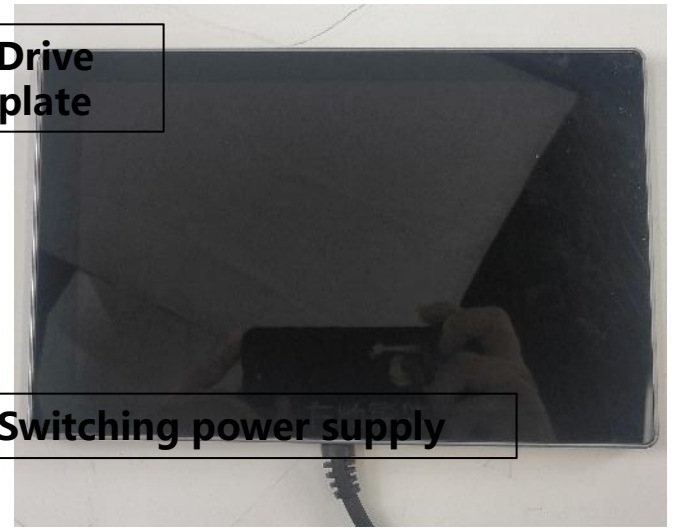


Figure 3

Fault judgment and maintenance:

1. First, eliminate external factors, such as the power cord and power socket are not powered, and the power switch of massage chair is turned off. (Figure 1)

2. Generally, the load current is large and the external voltage is too high, which leads to the damage of fuse or switching power supply. Replace switching power supply or fuse (Figure 2)

3. Detect whether there is 5V voltage output to the driving board, and replace the switching power supply without 5V voltage output. If there is 5V voltage output to the driving board (Figure 2),

If it is proved that the drive plate is defective, replace the drive plate.

4. When the power supply of the product is normal, the manual controller itself is damaged and cannot be turned on. The replacement method is adopted to eliminate the replacement of the new manual controller (Figure 3)

3. The main reasons why the kneading motor does not work: manipulator drive plate, width detection plate and kneading motor

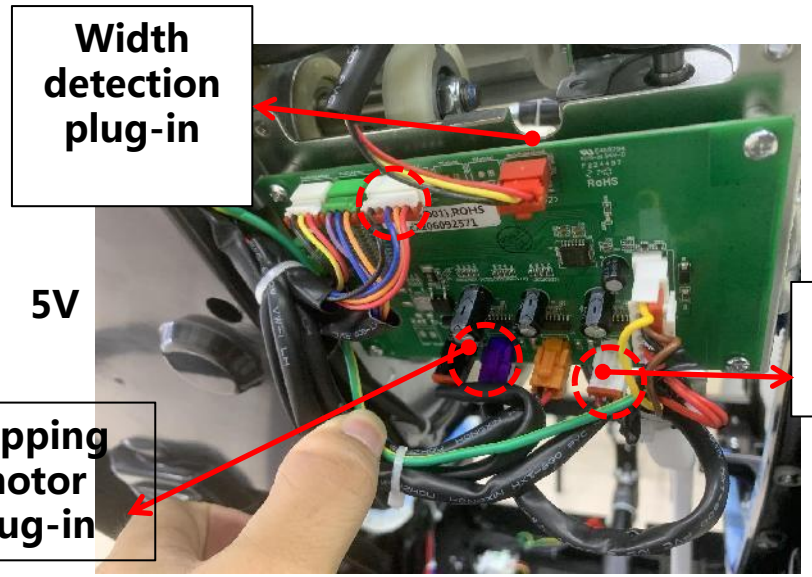


Figure 1

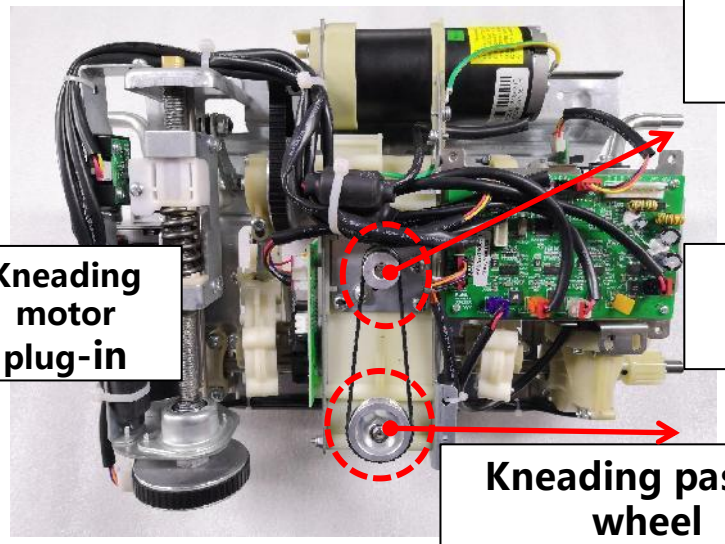


Figure 2

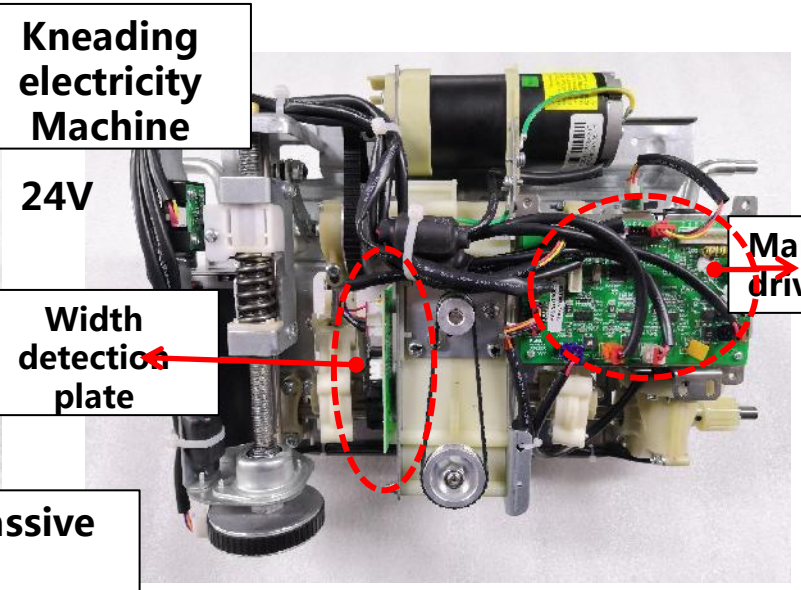


Figure 3

Fault judgment and maintenance:

1. First, check whether the wiring harness of the manipulator drive board has poor contact or plug-in falls off (Figure 1);
2. To judge whether the motor is damaged, you can use the power supply of the motor to judge whether the motor is good or bad (Figure 1);
3. Check whether the width detection board is damaged (Figure 3);
4. Judge whether the manipulator drive plate is damaged by substitution method (Figure 3);
5. Turn the kneading passive wheel by hand to see if it feels tight. If so, replace the kneading worm gear box assembly (Figure 2)

4. The main reasons why the flapping motor does not work: the manipulator drive board and the flapping motor

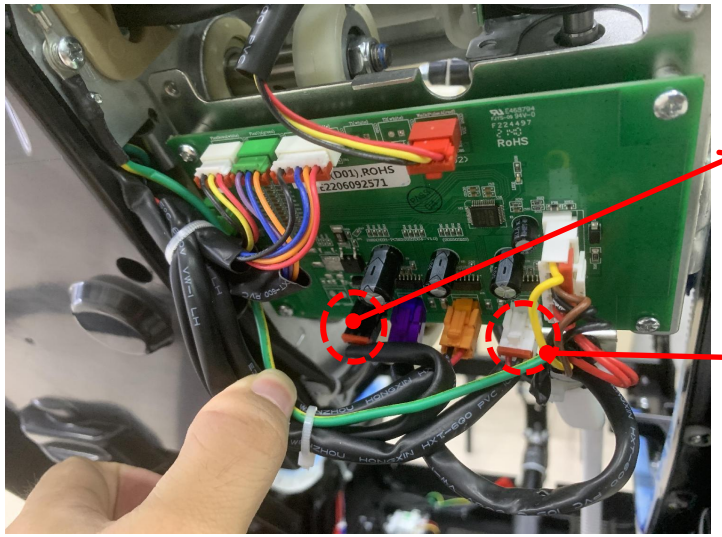


Figure 1

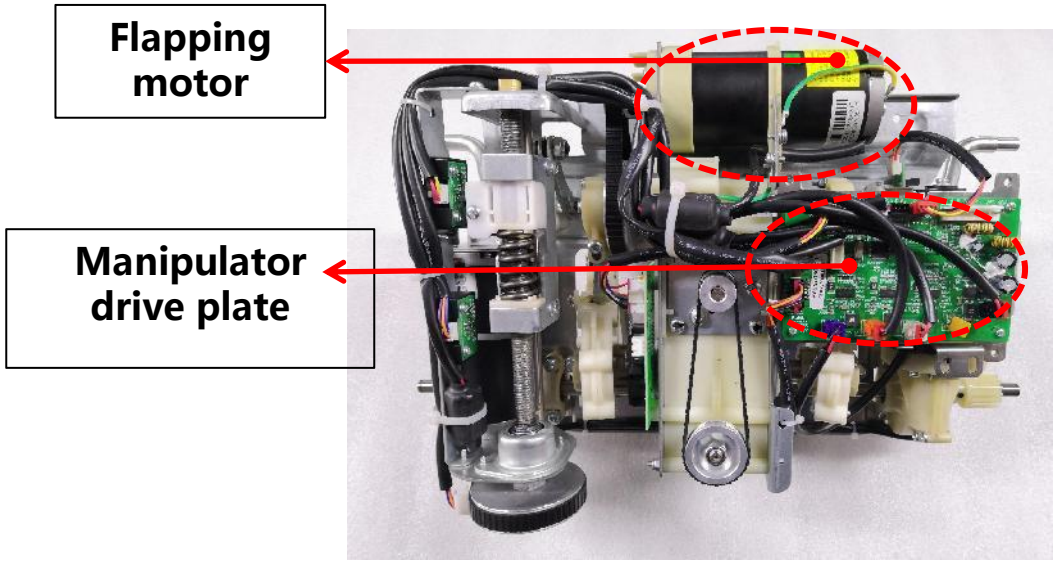


Figure 2

Fault judgment and maintenance:

1. First, check whether the wiring harness of the manipulator drive board has poor contact or plug-in falls off (Figure 1);

2. Judging whether the motor is damaged or not, the quality of beating the motor can be judged by the power supply of kneading the motor (Figure 1);

3. Judge whether the manipulator drive plate (Fig. 2) is damaged by substitution method;

5. The main reasons why the manipulator can't walk up and down: the manipulator drive plate, the circle number detection plate, the walking motor and the up and down walking detection plate are damaged

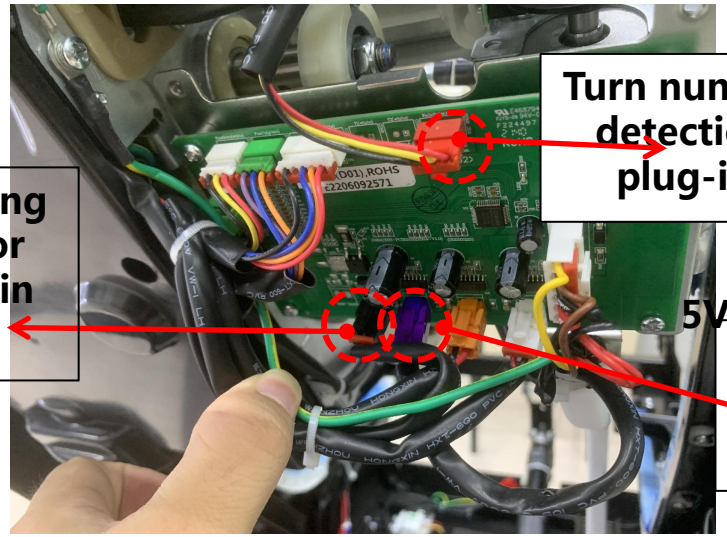


Figure 1

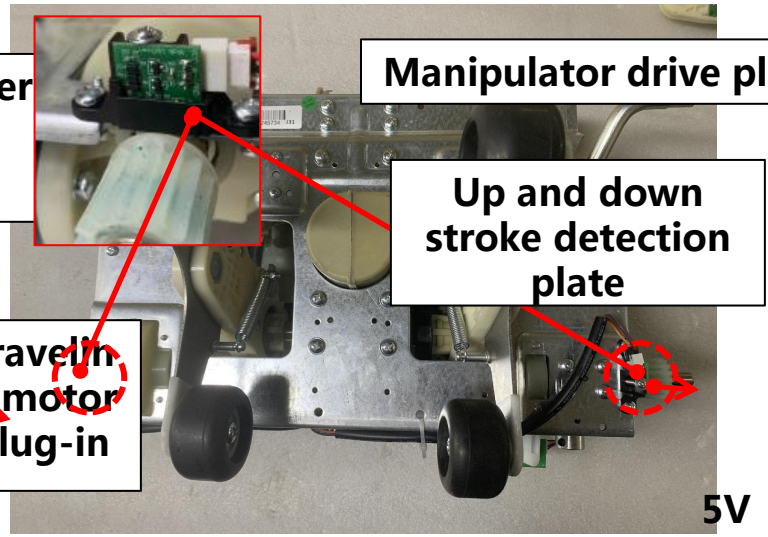


Figure 2

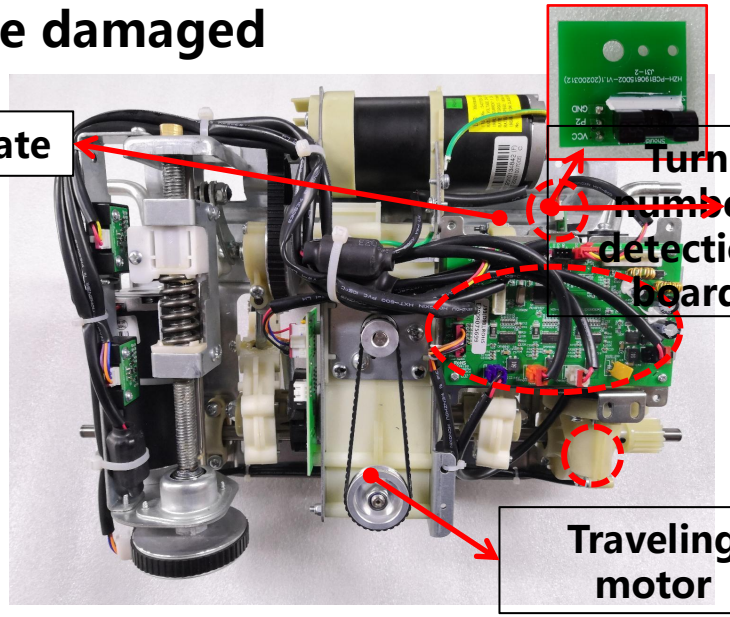


Figure 3

Fault judgment and maintenance:

1. First, check whether the wiring harness of the manipulator drive board has poor contact or plug-in falls off; (Figure 1)
2. To judge whether the motor is damaged, you can use the power supply of the motor to judge whether the motor is good or bad; (Figure 1)
3. Check whether the turn detection board is damaged (Figure 3);
4. Judge whether the upper and lower stroke detection plate is damaged (Figure 2);
5. Judge whether the drive plate is damaged by substitution method (Figure 3);

5. The main reasons why the manipulator cannot expand and contract: the manipulator drive plate, telescopic detection plate, telescopic motor and upper and lower limit detection plate are damaged

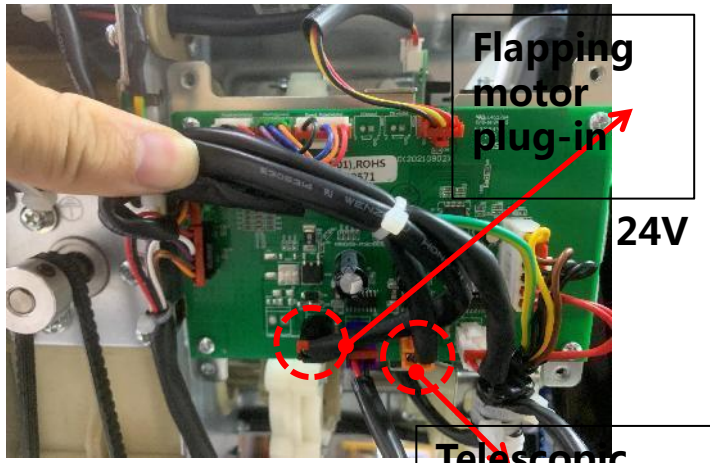


Figure 1

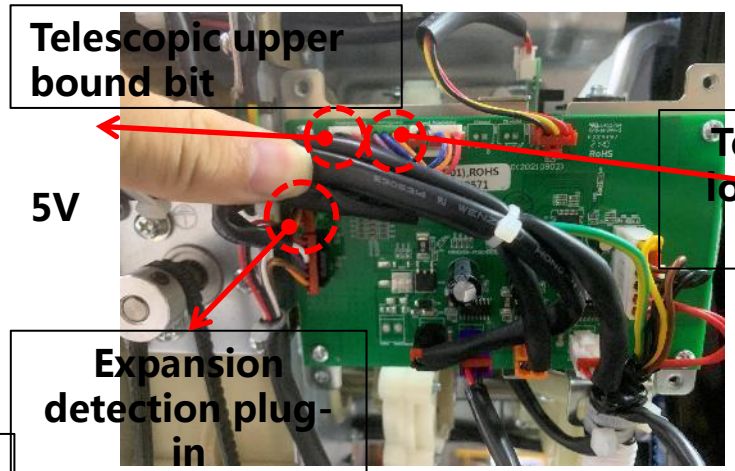


Figure 2

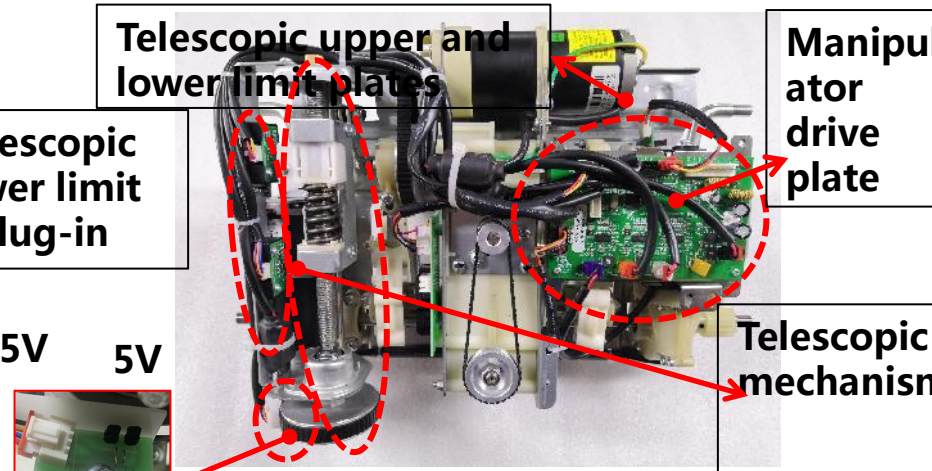


Figure 3

Fault judgment and maintenance:

1. First, check whether the wiring harness of the manipulator drive board has poor contact or plug-in falls off; (Figures 1 and 2)
2. To judge whether the motor is damaged, you can use the power supply of the motor to judge whether the motor is good or bad; (Figure 1)
3. Check whether the telescopic detection board is damaged (Figure 3);
4. Judge whether the telescopic upper and lower limit detection plates are damaged (Figure 3);
5. Judge whether the drive plate is damaged by substitution method (Figure 3);
6. Turn the telescopic passive wheel by hand to see if it is abnormal. If it is abnormal, replace the telescopic mechanism assembly (Figure 3)

6. The main reasons why the sole roller does not work: drive plate, calf drive plate, sole roller motor and plug-in

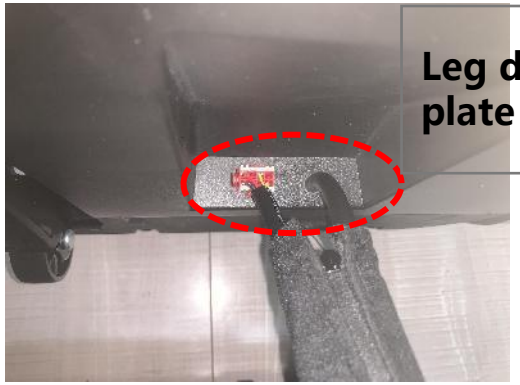


Figure 1

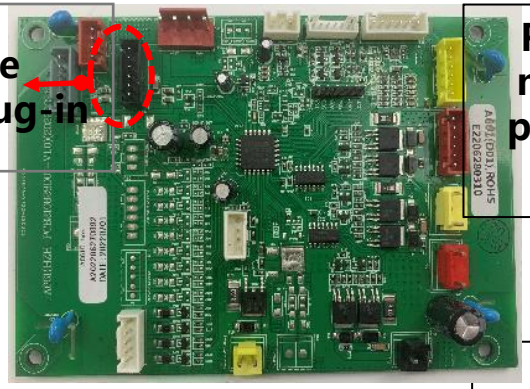


Figure 2

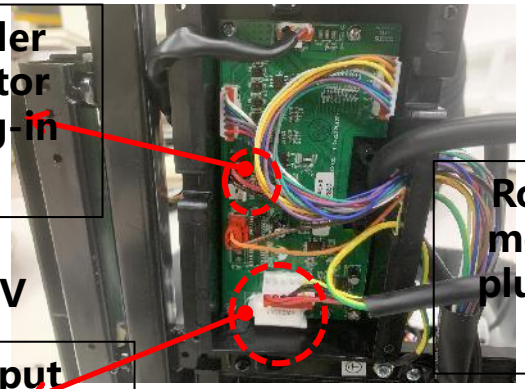


Figure 3

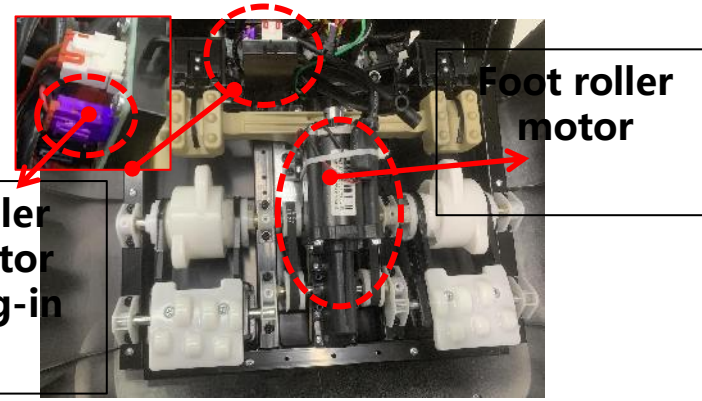


Figure 4

Fault judgment and maintenance:

1. Check whether the connecting wiring harness between the lower leg and the host is in poor contact and whether there is DC24V output (Figure 1)
2. If there is no voltage output, check whether the gray plug-in on the drive board (Figure 2) is loose and whether there is voltage output. If there is no voltage output, consider replacing the drive board
3. If the above is normal, check whether the leg motor connection plug-in is abnormal (Figure 3). Black and white plug-ins
4. The above is normal. Check whether the purple plug-in of the calf adapter plate is assembled (Figure 4)
5. The above is normal. If the wiring harness is all right, consider replacing the sole roller motor (Figure 4)

7. The main reasons why the backrest electric cylinder does not work: backrest electric cylinder, drive plate and wiring harness

Figure 1

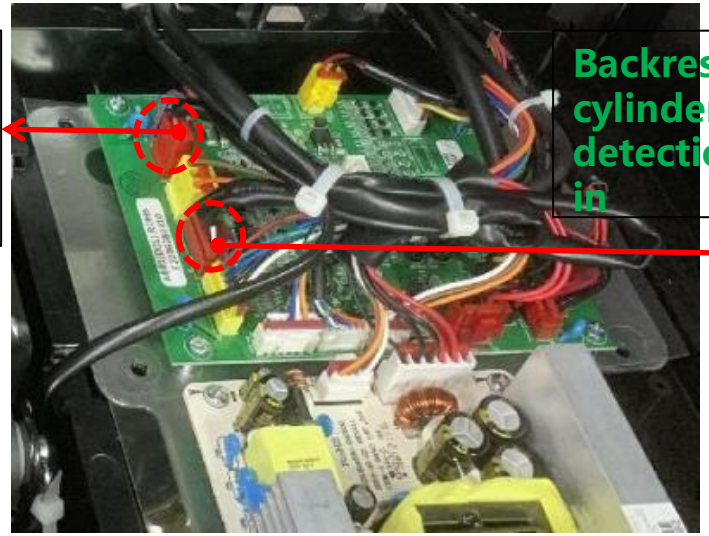


Figure 2

Fault judgment and maintenance:

1. First, press and hold the lying control button, listen to the buzzer sound "beep, beep,", and after releasing it, send out two "drip" sounds to judge that the signal of the electric cylinder has not been detected, and the electric cylinder may be damaged or the drive plate may be damaged, so replace it; (Figure 1)
2. You can also measure the resistance value of the electric cylinder (about 5 ohms) or the voltage of the electric cylinder plug-in of the drive plate to judge the problem of the electric cylinder or the drive plate (Figure 2)

8. The main reasons why the calf electric cylinder does not work: the calf electric cylinder, the drive plate and the wiring harness

Figure 1

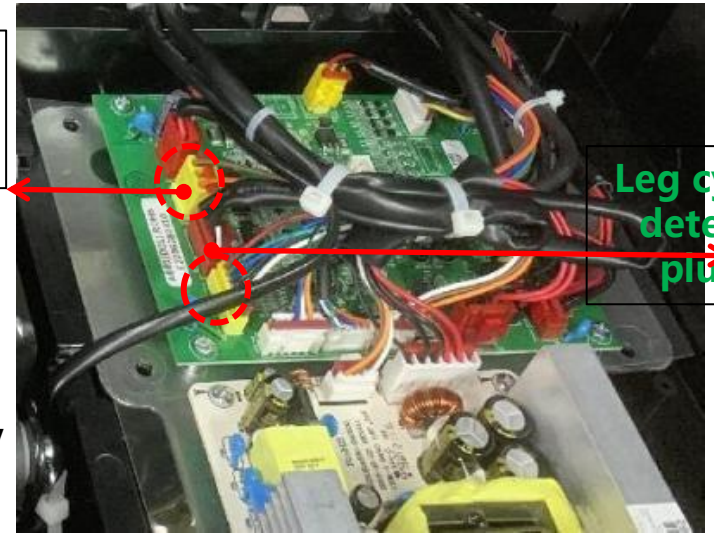


Figure 2

Fault judgment and maintenance:

1. First, press and hold the calf telescopic control button, listen to the buzzer sound "beep, beep,", and after releasing it, send out two "drip" sounds to judge that the electric cylinder signal has not been detected, and the electric cylinder may be damaged or the drive plate may be damaged, so replace it; (Figure 1)

2. You can also measure the resistance value of the electric cylinder (about 5 ohms) or the voltage of the electric cylinder plug-in of the drive plate to judge the problem of the electric cylinder or the drive plate (Figure 2)

9. The main reasons why backrest hyperthermia does not work: backrest heating wire, drive plate and wire harness

Figure 1

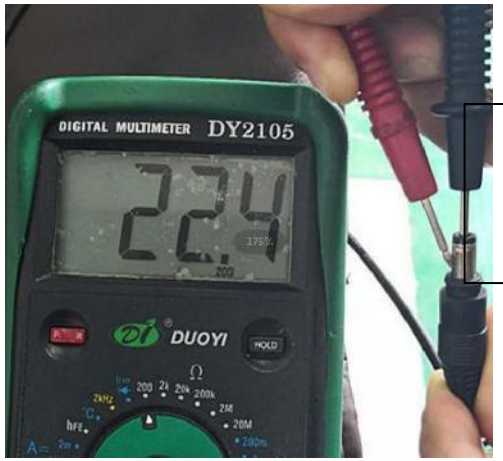


Figure 2

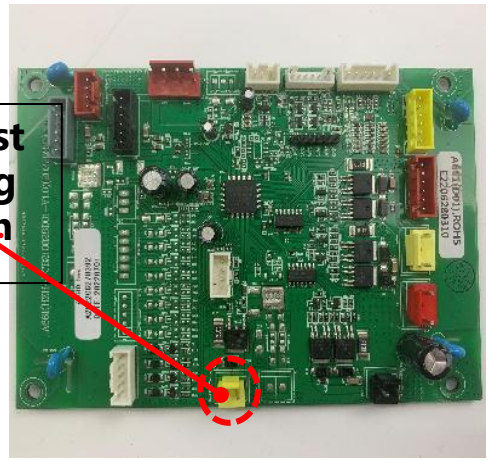


Figure 3

Figure 4

Fault judgment and maintenance:

1. Check whether the plug-in of backrest hyperthermia line has poor contact or falls off (Figure 1);

2. You can also use universal to measure the resistance of backrest heating wire, such as (Figure 2). If there is a resistance driving line problem, replace the backrest heating wire without resistance; (Figure 4)

3. Measure whether there is DC24V voltage in the drive board plug-in (Fig. 3) and backrest cushion plug-in (Fig. 1) with multimeter. If there is no DC 24V voltage, the drive board will be damaged and replaced; (Figure 3)

10. The main reasons why a certain group of air pressure does not work: the airbag is damaged, the trachea is bent, the solenoid valve and the drive plate

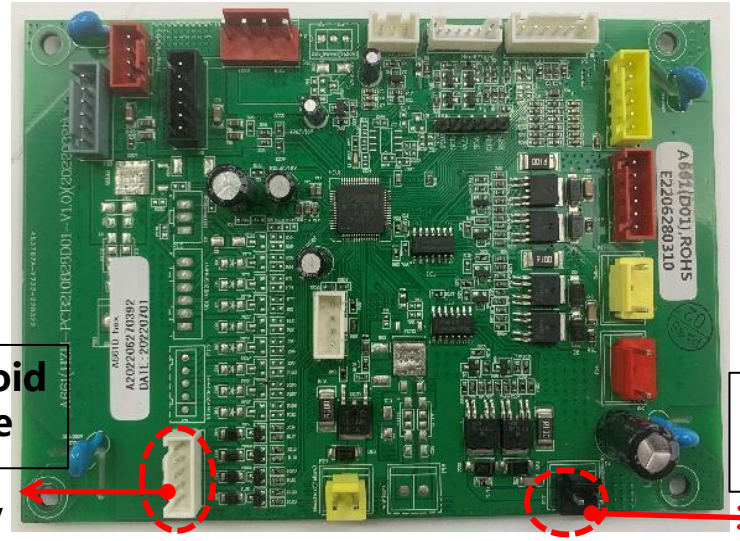


Figure 1

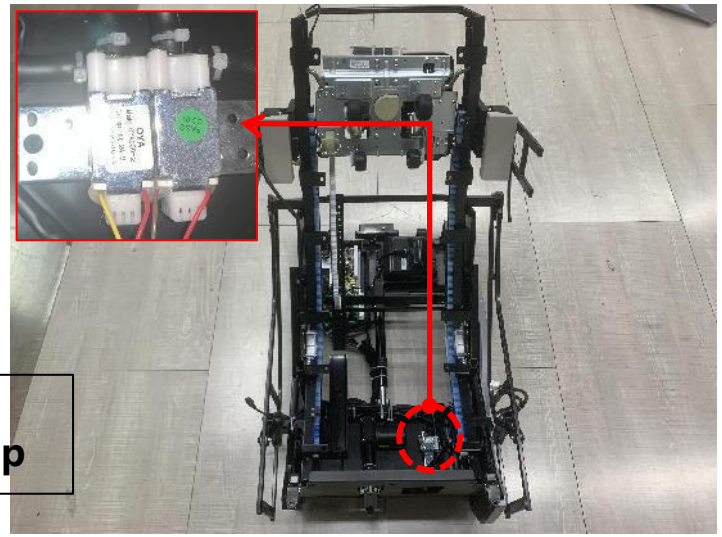


Figure 2

Figure 3

Fault judgment and maintenance:

1. Check whether the air bag on this road is broken (Figure 3) and whether the trachea is bent
2. The solenoid valve controlling the air pressure of this road is damaged (Figure 2); Low probability of damage
3. If the peripheral circuit for controlling the air pressure is abnormal, replace the driving board (Figure 1)

11. The main reasons why Bluetooth MP3 does not work: Bluetooth board, wiring harness, drive board and speaker

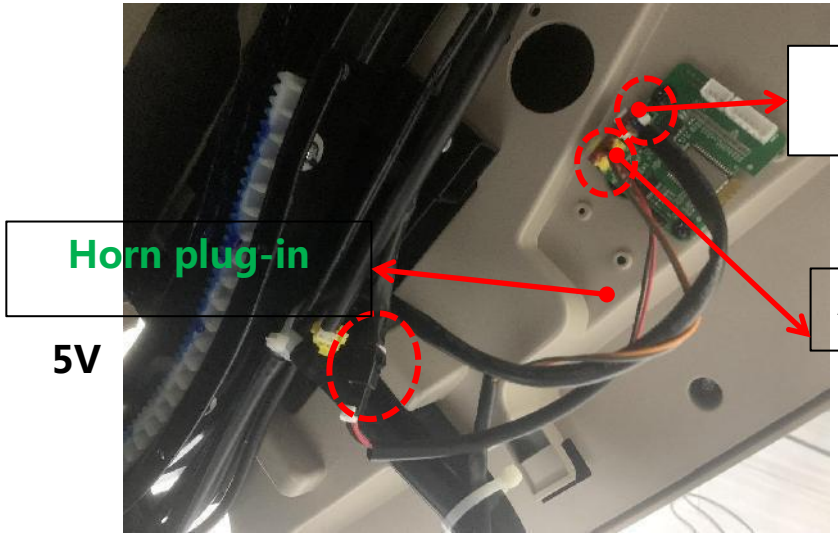


Figure 1

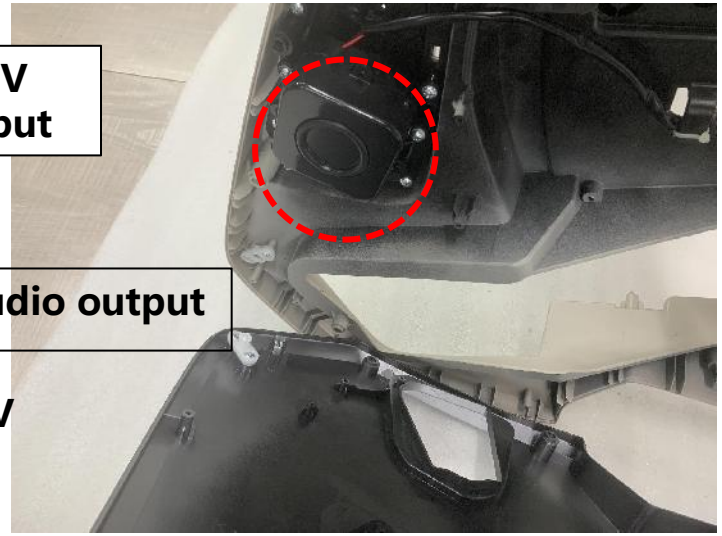


Figure 2

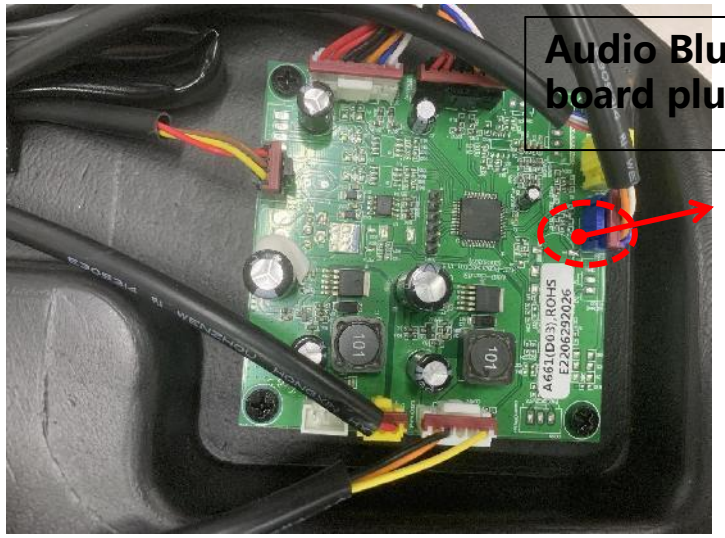


Figure 3

Fault judgment and maintenance:

1. (If the mobile phone is successfully paired with Bluetooth) Check whether the wiring harness of the audio Bluetooth board is in poor contact or the Bluetooth MP3 board is poor, and replace it; (Figures 1 and 3)

2. Check whether the connection line between the audio Bluetooth board and the speaker is in poor contact; (Figures 1, 2 and 3)

3. If the unilateral horn does not sound, check the wiring harness (Figure 1) and replace the horn (Figure 2);

12. The main reasons why intelligent voice control does not work: the microphone head is loose and falls off, the plug-in is broken, the intelligent voice control board is broken, and the drive board is broken

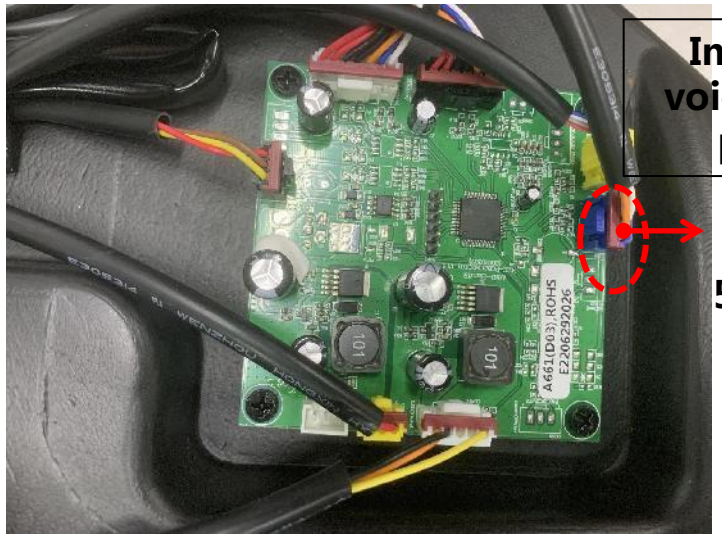


Figure 1

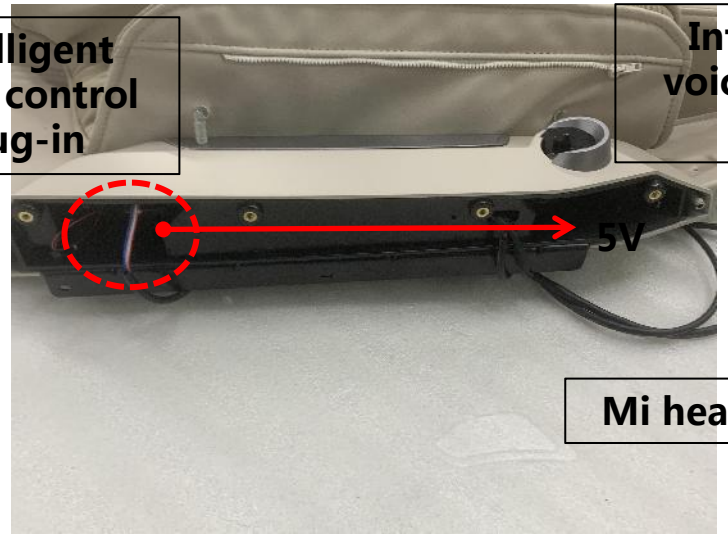


Figure 2

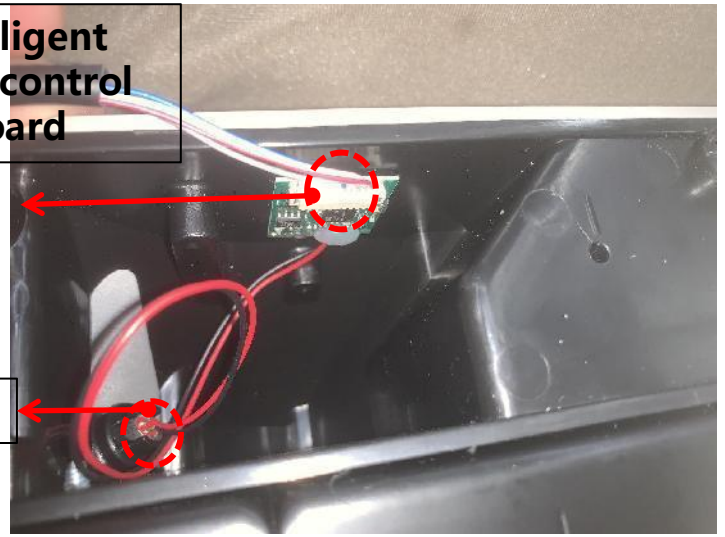


Figure 3

Fault judgment and maintenance:

1. Turn on the massage chair function through the voice entry, and listen to whether there is a response from the voice.

2. Is the intelligent voice control plug-in plugged in (Figure 1, Figure 2 and Figure 3)

3. When the voice control does not work, the receiving microphone wiring harness and signal are poor, or the intelligent voice control board is damaged. (Figure 3)

To check the intelligent voice control panel, you need to remove the armrest assembly.