



蒙发利

EASEPAL

中国·厦门蒙发利科技有限公司

Xiamen Comfort Science & Technology Co.,Ltd

# 产 品 维 修 手 册

## Maintenance Service Manual





产品型号/MODEL: EC-626F

适用电压规格/ voltage specification: 110V/60Hz





蒙发利集团·客服

By the Easepal's Customer Service Dept.

### 1. 工具列表 Tools List Tools required

			
<p>十字螺丝刀 Screwdriver size 1,2,3</p>	<p>老虎钳 尖嘴钳 Diagonal cutter and long nose pliers</p>	<p>电烙铁 Soldering Kit</p>	<p>扳手 Spanner tools Kit</p>

			
<p>电笔 Test pen</p>	<p>六角扳手 Allen Key set</p>	<p>内六角扳手 Ratchet Tools Set</p>	<p>24V/DC 电源 24V/DC power</p>

			
<p>电动螺丝刀 Electric Driver</p>	<p>电工胶 electrical adhesive tape</p>	<p>扎扣 Cable Ties</p>	<p>压线帽 WIRE ONECTORS</p>

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## 1. 披风枕头的拆卸 Disassembly of the backrest pad and pillow

### A. 拉开链，可以取下枕头

Locate the Head Pad Assy at the top, front of the chair as shown in picture below

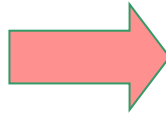


拉开拉链，取下小枕头  
unzip the zipper, take down the pillow

小枕头被取下  
the pillow had been taken down

### B. 拉开披风拉链，取下披风

Unzip the zipper fixing backrest pad, then take down the backrest pad



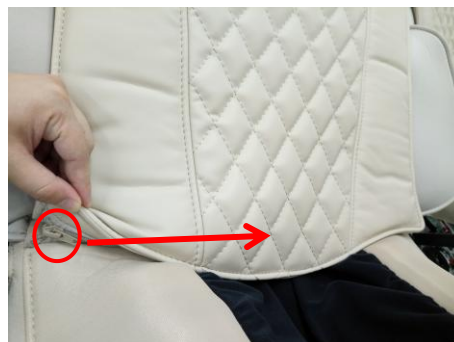
拉开拉链，取下小枕头  
unzip the zipper, take down the pillow

披风被取下  
Backrest pad had been taken down

## 2. 坐垫的拆卸 disassembly of the seat pad

### A. 拉开坐垫与靠背的拉链

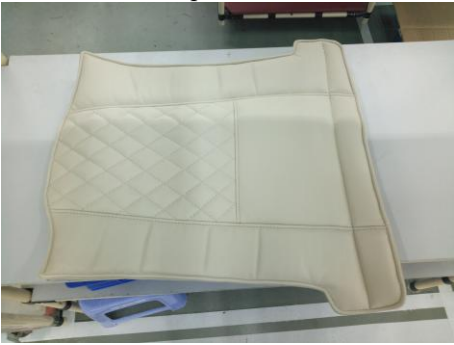
Unzip the zipper fixing seat pad and backrest



拉开座垫拉链（如上图）  
Unzip the zipper fixing seat pad （as the picture above）

B.现在可以取下坐垫

remove seat pad



坐垫被取下  
seat pad had been taken down

### 3.肩部的拆卸 disassembly of the shoulder

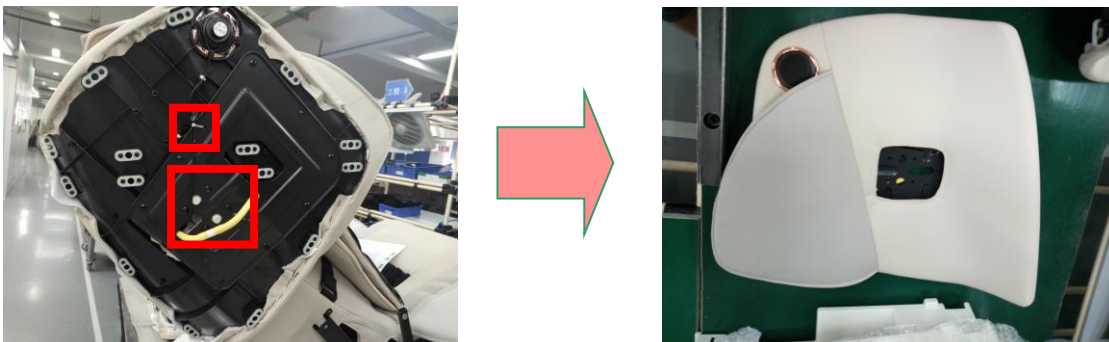
A.拆下肩部装饰件

Remove shoulder trim



肩部装饰件被取下  
The shoulder trim is removed

B.拆下固定肩部的4颗螺丝，剪掉扎扣，拔掉气管和连接线，即可取下肩部组件  
Remove 4 screws from the shoulder, cut the cable tie, pull out the air hose and the terminal to remove the shoulder assembly



肩部组件被取下  
The shoulder assembly had been removed

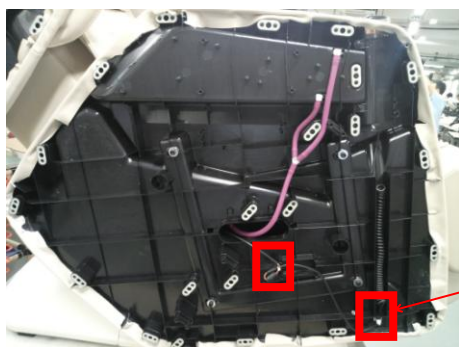
#### 4.手控器的拆卸 disassembly of the side board

A.拆除侧板装饰板（参考侧板的拆卸）

Remove trim panel on side panel（refer to disassembly of the side plate）

B.剪掉扎扣，拔掉手控器连接线，即可更换手控器

Cut the cable tie and unplug the terminal, then you can change the remote control

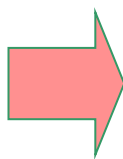


扎扣位置 the position of the cable tie

#### 5.侧板的拆卸 disassembly of the side board

A.拆下侧板装饰件

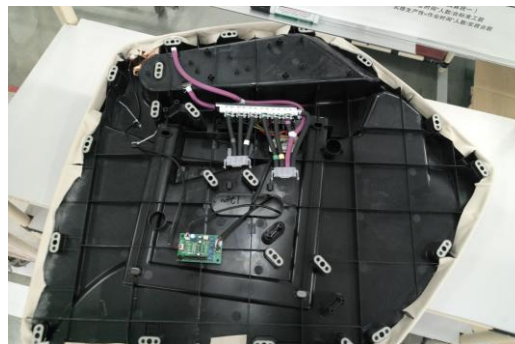
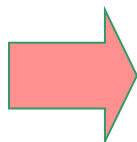
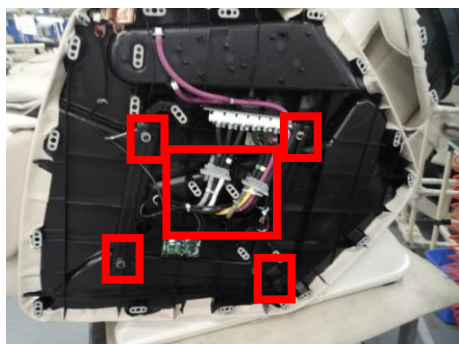
Remove side panel trim



侧板装饰件被取下  
The side trim had been removed

B.断开气管接头和，取下固定侧板的4枚螺丝

Disconnect the air hose, slack and remove 4 screws fixing the side board



侧板组件被取下  
The side panel assembly is removed

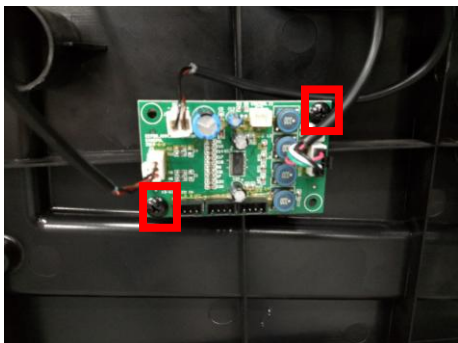
## 6.功放板的拆卸 **disassembly of the amp mb**

A.拆除侧板装饰板（参考侧板的拆卸）

Remove trim panel on side panel（refer to disassembly of the side plate）

B.拆除固定功放板上的螺丝，拔掉线材，即可更换功放板

Remove the screws fixing the power amplifier board, unplug the terminal, and then replace the power amplifier board



取下 2 枚螺丝  
Slack and removed 2 screws

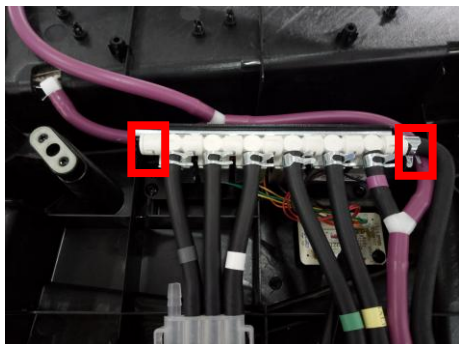
## 7.泄气阀的拆卸 **disassembly of the air valve**

A.拆除侧板装饰板（参考侧板的拆卸）

Remove trim panel on side panel（refer to disassembly of the side plate）

B.拔掉气管接头，取下固定泄气阀上的 4 颗螺丝，即可更换泄气阀

Unplug the air hose, remove the 4 screws on the air valve, you can change the air valve



取下 4 枚螺丝  
Slack and removed 4 screws

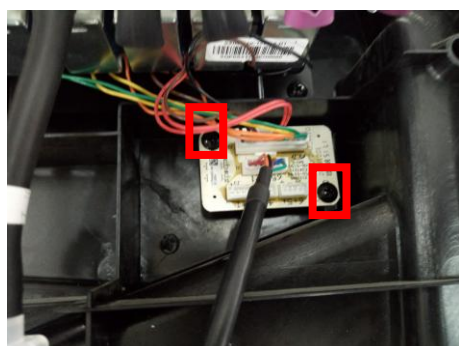
## 8.气阀转接板的拆卸 **disassembly of the air valve switch PCB**

A.拆除侧板装饰板（参考侧板的拆卸）

Remove trim panel on side panel（refer to disassembly of the side plate）

B.拆除固定气阀转接板上的螺丝，拔掉线材，即可更换气阀转接板

Slack and remove the screws, disconnect the terminal, then replace the air valve switch PCB



取下 2 枚螺丝  
Slack and removed 2 screws

## 9.小腿的拆卸 disassembly of the leg rest

A.拆除侧板（参考侧板的拆卸）

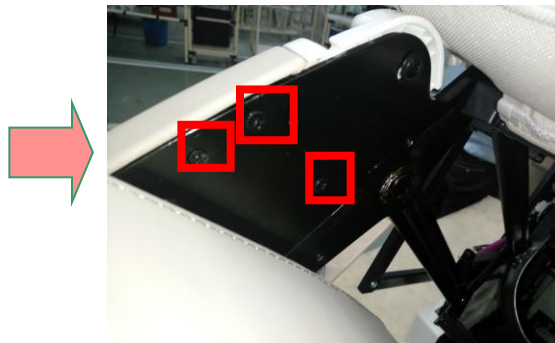
Remove trim panel on side board (refer to disassembly of the side plate)

B.翻转小腿到不同角度，找到小腿两侧螺丝，

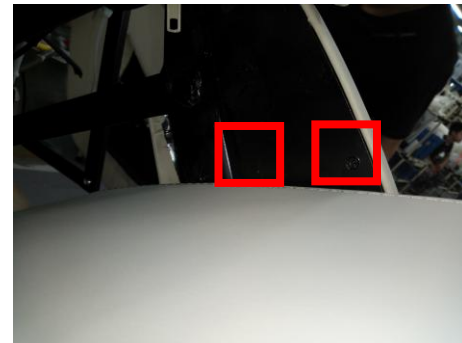
Turn the leg to different angles, Find the screws on both sides of the leg



开关位置 Switch position



每边各 5 颗螺丝 5 screws per side

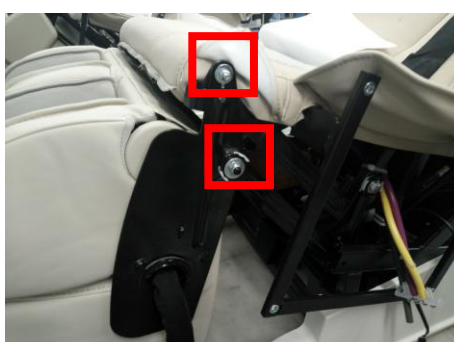


C.拆除小腿左右两侧的螺母，拔掉小腿连接线和气管即可拆下小腿

Remove the left and right sides of the leg nut, unplug the terminal, remove the lower leg



每边各 2 颗螺母  
2 nuts on each side



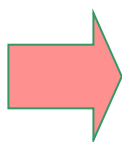
连接线和气管位置  
Connecting line and trachea position

D.拆除小腿固定组件

Remove the lower leg assembly



左、右各 3 颗螺丝  
Left and right 3 screws



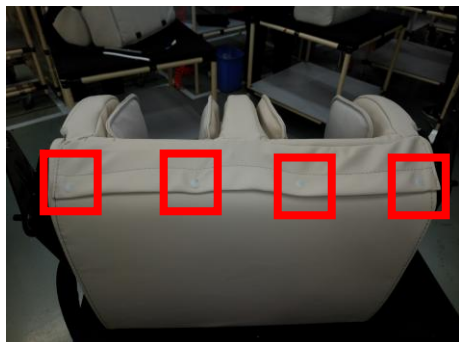
## 10. 上小腿的拆卸 Disassembly of the thigh

A. 拆下小腿组件 (参考小腿的拆卸)

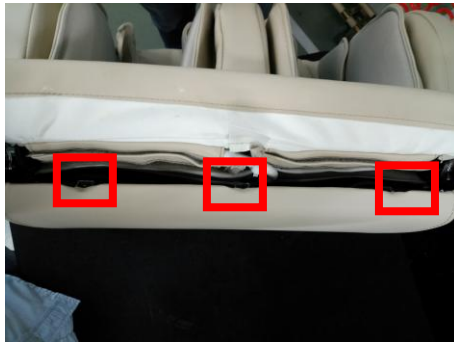
Remove lower leg assembly (refer to disassembly of the leg rest)

B. 取下固定小腿上挡布上的柳钉, 拆除固定后盖的螺丝, 推出后盖, 即可更换后盖

Remove the screws on the rear cover and push the back cover to replace the back cover



4 颗柳钉  
4 pieces of willow nail



3 颗螺丝位置  
3 screws position

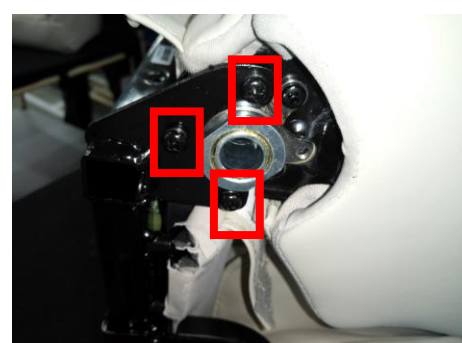


C. 剪掉扎扣, 拔出上小腿气管接头和连接线, 拆除左右固定上小腿螺丝, 即可拆除上小腿

Cut the cable tie, pull out the upper leg air hose and the terminal, remove the left and right screws on the upper leg, and then remove the upper leg



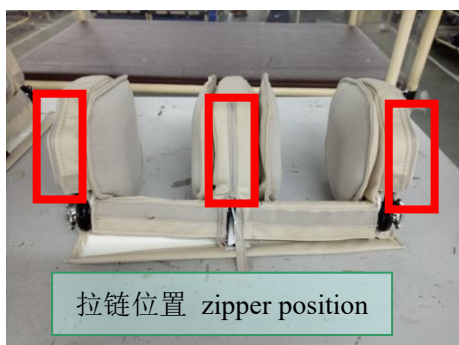
气管和连接线位置  
The position of the trachea and the connecting line



左、右 3 颗螺丝位置  
Left and right 3 screws

D. 拉开上小腿拉链, 即可跟换上小腿皮套

Unzip the zipper of upper leg, take down the upper leg



拉链位置 zipper position

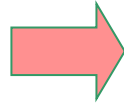
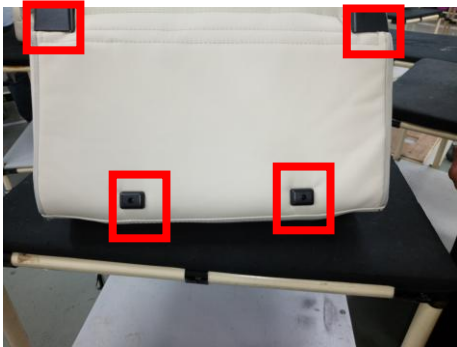
of the Lower leg



Remove lower leg assembly (refer to disassembly of the leg rest)

B.取下小腿脚垫上的螺丝，左右挡块上的螺丝，找到拉链位置

Remove the screws fixing the foot pad, Screws on the left and right blocks, Find zipper position



螺丝位置 Screw position

C.拉开拉链，拆除下小腿后盖螺丝

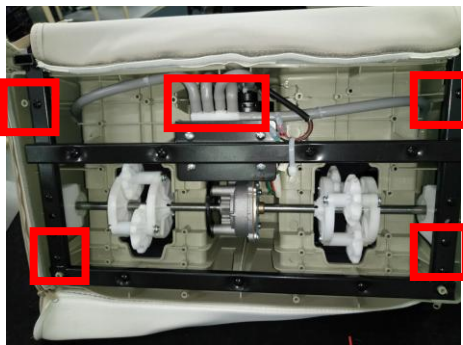
Unzip the zipper, Remove the lower leg screws



螺丝位置 Screw position

D.拆除固定下小腿螺丝，拔掉气管，即可取下下小腿

Remove screws for fixing lower leg, unplug the air hose, remove the lower leg



螺丝、气管位置  
Screw and air hose position

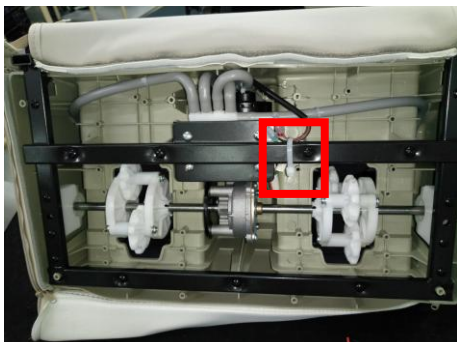
## 12.脚底滚轮的拆卸 Disassembly of the Sole roller

A.拆下小腿组件（参考下小腿的拆卸）

Remove lower leg assembly (refer to disassembly of the lower leg)

B.用尖嘴钳取下压线帽，分离连接线

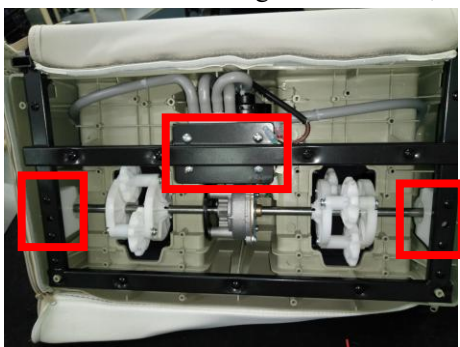
Use long nose pliers slacken wire connector,Separate connection line



扎扣位置  
Buckle position

C.拆除固定脚底滚轮的螺丝,即可更换脚底滚轮

Remove screws for fixing the sole roller,the sole roller can be replaced

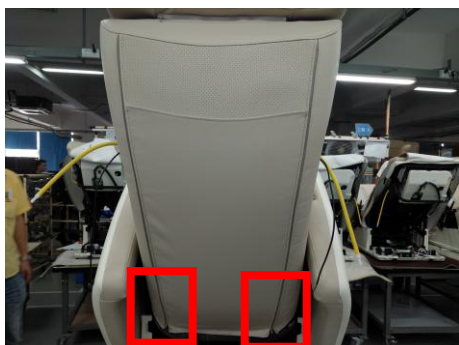


螺丝位置  
Screw position

### 13.靠背后盖的拆卸 disassembly of the rear cover

A.拉开靠背拉链,

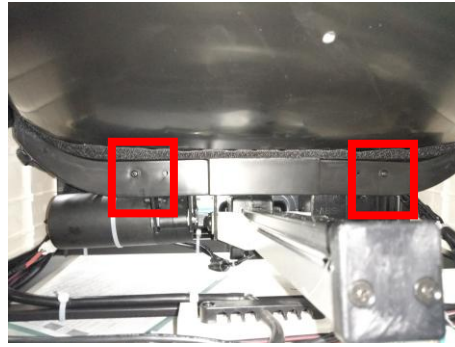
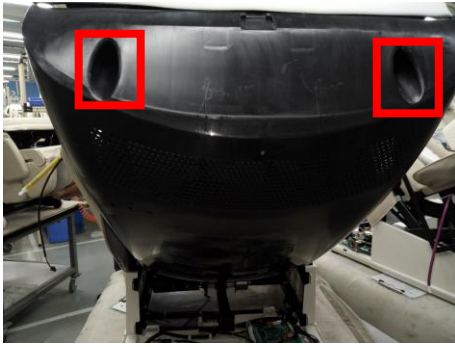
Pull back zipper



拉链位置 zipper position

B..取下固定靠背后盖的4枚螺丝，取下靠背后盖

Remove 4 screws fixing the rear cover, then take it down



螺丝位置  
Screw position

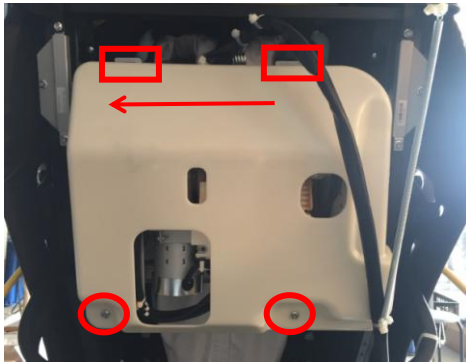
#### 14.机芯的拆卸 disassembly of the gear box

A.取下靠背后盖（参考靠背后盖的拆卸）

Remove the rear cover (refer to disassembly of the rear cover)

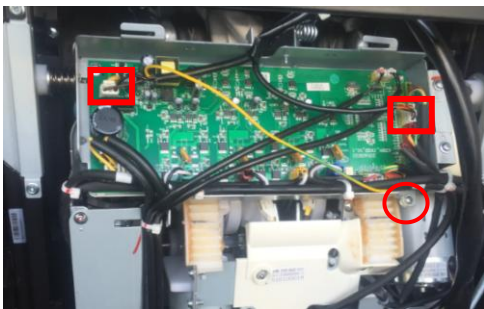
B.取下 2 枚螺丝，将机芯保护盖从左侧移出卡槽。

Slack and remove 2 screws, then push out the cover out left forward



C.拔出机芯板上的 2 个端子，取下地线螺丝。

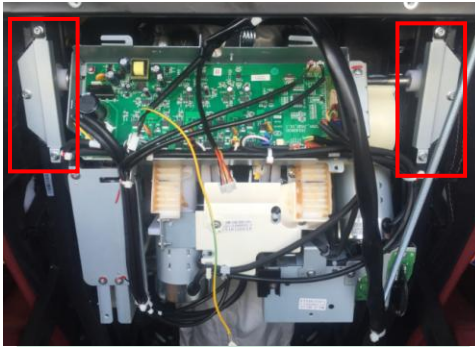
Disconnect the 2 terminals on the PCB for gear box, remove the screw fixing the ground wire



2 个端子和地线螺丝的位置  
Position of the 2 terminals and the screw fixing the ground wire

D.取下背架两边的铁片，用手转动行走电机，直到机芯可以从背架缺口处移出。（注意：扶住机芯，慢慢移出，用手压住机芯左边的滚轮，防止滚轮突然弹出。）

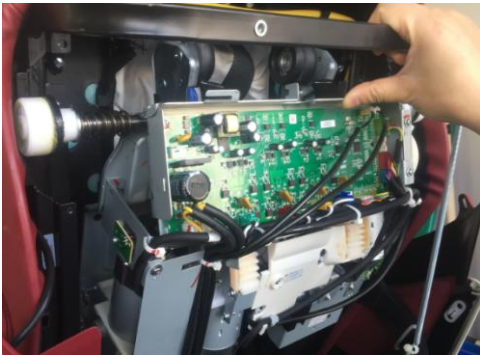
Take down the iron, Turn motor, until the movement can be separated from the back (attention: press the wheel on left to prevent wheel suddenly pop up)



取下背架缺口处的铁片  
Take down the iron



转动行走电机，直到机芯可以脱离背架  
Turn motor, until the movement can be separated from the back



机芯从缺口中走出  
gearbox move out



E.取下固定在机芯上的螺丝，分离靠背总线。

Remove the screw, then separate the backrest wire from the gearbox



机取固定靠背总线的螺丝  
remove the screw

F.继续转动行走电机，直到机芯走出导轨，现在可以移出机芯。

Turn the rolling motor, unit the gearbox go out the guide, then move out gear box



机芯被移出  
gearbox had been taken out

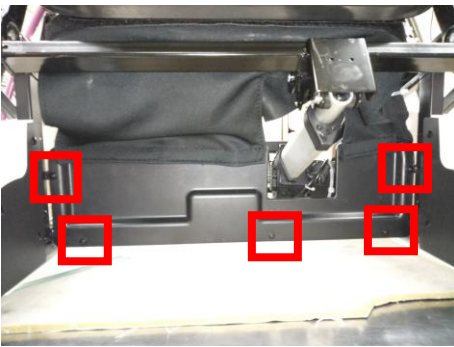
### .15.电动推杆的拆卸 disassembly of the Backrest /Footrest /Zero-G actuator

A.拆下小腿组件（参考小腿的拆卸）

Remove lower leg assembly (refer to disassembly of the leg rest)

B.取下坐架前挡板

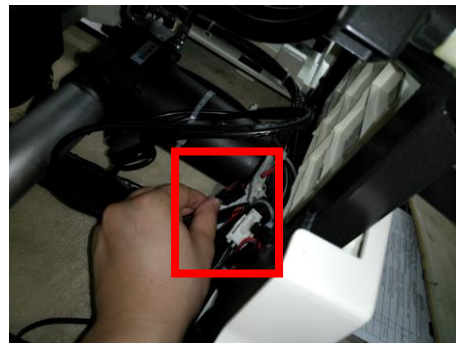
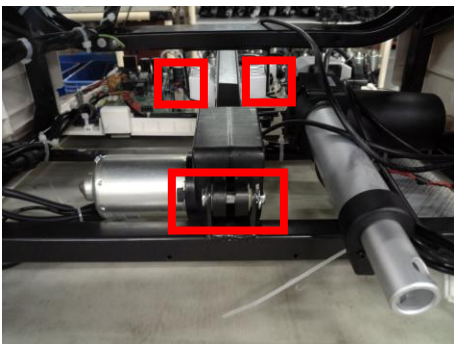
Remove the front bezel of the seat



螺丝位置  
Screw position

C. 拆除固定推杆的螺丝，取下电动推杆的波浪形卡口销及销轴，分离电动推杆端子

Remove the screws for the stationary push rod, take away the pin and disconnect wire terminal of a actuator



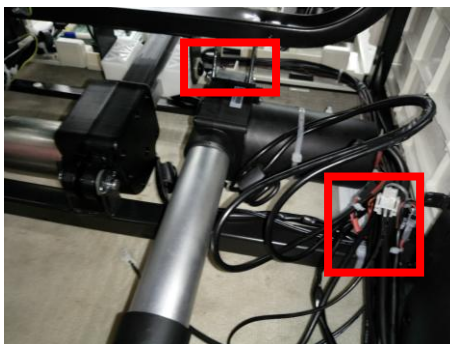
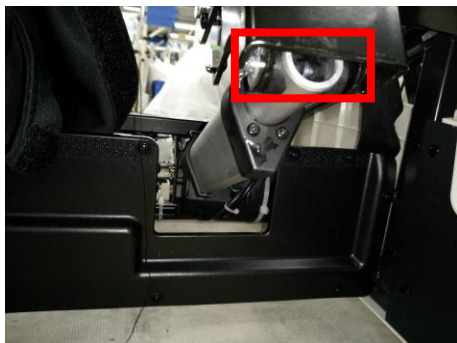
可以看到推杆的固定销轴及线材固定点及接头  
Take down the pin of actuator and open the wire terminal

D.小腿电动推杆的更换

Replacement of electric push rod for crus

取下电动推杆的波浪形卡口销及销轴，分离电动推杆端子。

Take away the two pins and disconnect wire terminal of a actuator

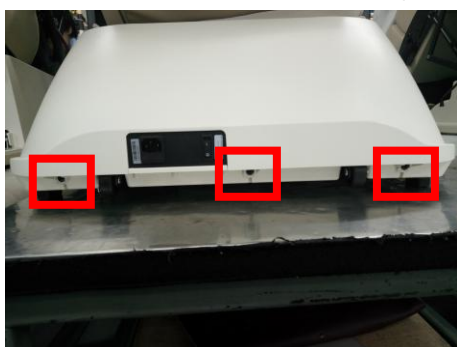


可以看到推杆的固定销轴及线材固定点及接头  
Take down the pin of actuator and disconnect the wire terminal

## 16.中心板的拆卸 disassembly of the main PCB

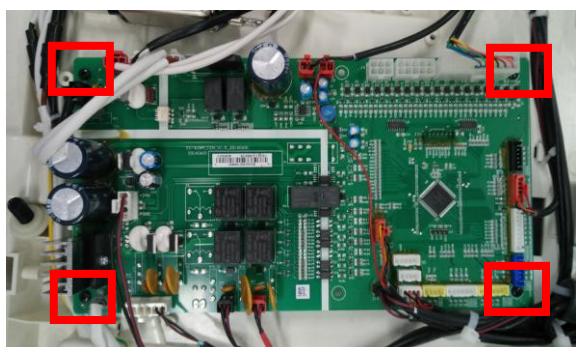
A.取下固定中心盒上盖的 3 枚螺丝，已开中心盒上盖

Slack and remove 3 screws fixing the cover, remove the cover



B.取下固定中心板的 4 枚螺丝，拔掉中心板上的所有端子，现在可以更换中心板

Slack and remove 4 screws fixing main PCB, disconnect all the terminals, then remove main PCB



固定中心板的 4 枚螺丝  
remove 4screws

## 17.变压器的拆卸 disassembly of the transformer

A 取下固定变压器的螺丝，剪掉固定变压器线材的扎扣，拔掉端子

Remove the screw, cut the cable tie, disconnect the terminals



## 18. 滤波器的拆卸 disassembly of the Wave filter

A. 拔出滤波器上的接线端子，取下固定滤波器的螺丝，取下滤波器

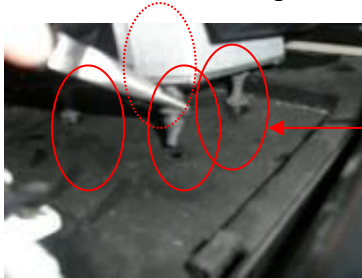
Disconnect the terminals, remove 2 screws fixing the wave filter, then take it down



## 19. 更换充气泵 replace inflant pump

A. 用工具拔出充气泵底部的橡皮堵头

Pull out the rubber poles fixing the inflator pump on the base plate with nipper pliers.



拔出塑胶堵头  
Pull out the rubber poles

C. 断开充气泵的接线端子

Disconnect the terminal of the inflator pump, then cut the cable ties fixing the wires.



D. 拔开充气泵的气管接头

Pull out the gas hose connecting the inflator and snuffle valves. Then the whole pump can be removed.

