IV80 Motorized Treadmill

Operating Instructions Manual



Special tips:

1. Before installation and operation, please read this operation manual carefully.
2. Please save this manual for future reference.

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1. BRIEF DESCRIPTION

IV80 motorized treadmill (diagram 1) can help complete your goal of keeping fit together with unique and elegant appearance. Easily read panel parameter. Easily operated folding system realizes space-saving. Auto speed range 1-20km/h and auto incline range 0-22.

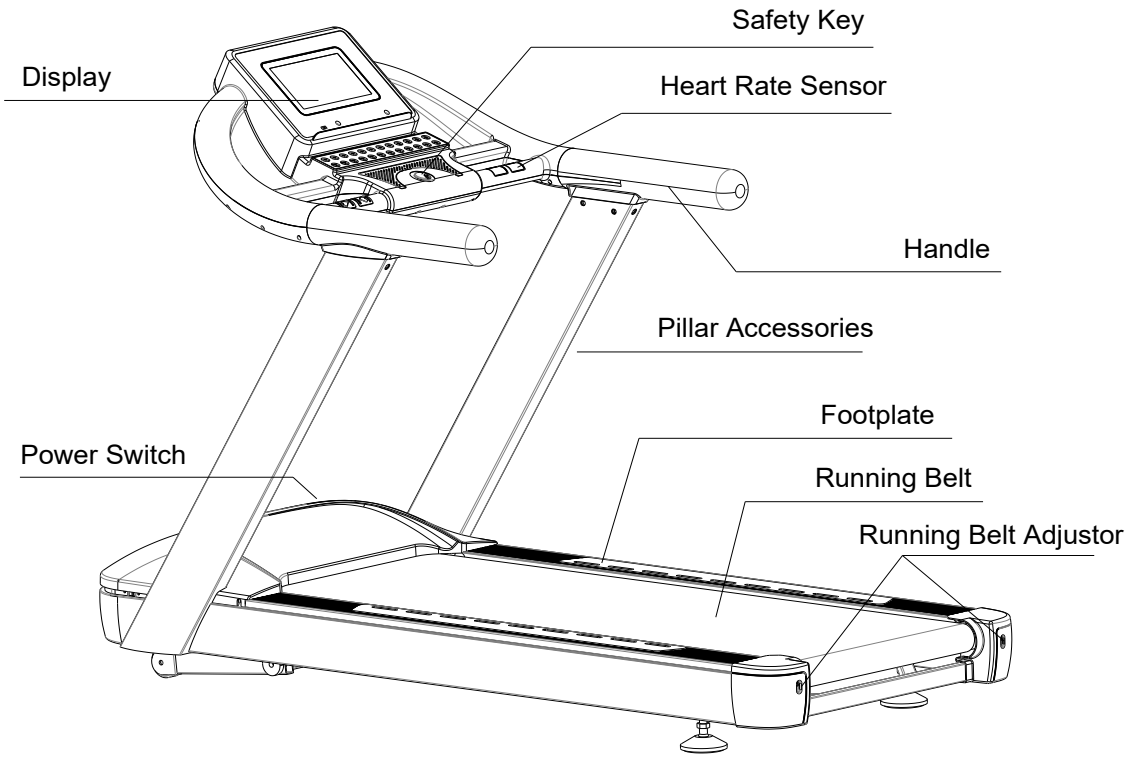


Diagram 1: **IV80** Motorized Treadmill

2. MAIN TECHNICAL FEATURES

Main use: Body and beauty building
This treadmill is for home use
Panel displays speed, time, distance, heart rate, calorie, MP3, bodyfat, etc.
Display Mode：LCD
Motor power: AC3.0HP
Input voltage: 220V±10%
Frequency: 50Hz
Temperature for working: 0∽40℃
Speed range: 1∽20km/h
Auto incline: 0-22
Time display range:0:00∽99:59(minute : second);
Distance display range:0.1~99.99kms

Machine size (L*W*H):：2020x900x1410（mm）
N/W：130KGS； GW: 170KGS
MADE IN CHINA

3. TIPS FOR SAFETY

3.1 Insert the power plug into the socket directly. Current load should be less than 15A.
3.2 The constant max weight is less than 150kgs.

3.3 Place your treadmill on the clean floor，not on the thick carpet, otherwise it will not convenient for ventilation. Also please don't put the treadmill in the moist place or outdoors;
If there is something wrong with the electrical wire, please replace it with the electrical wire provided by our company. For the replacement, please contact with the local distributor.

3.4 The treadmill should be placed in the convenient position for electric socket.
3.5 The freshman should grip the handrails when jogging and running until familiarly. Please don't stand on the running belt, after the machine is power on (the safe key is at the appointed position).Please stand on the footplates besides the treadmill, press the "start" button, it runs at the lowest speed, at this time you can run on the belt.

3.6 While running, you should dress properly. Don't dress too loosely in case your clothes are entangled by the machine .And please wear sport shoes with soft sole.

3.7 Before taking down the protecting cover of the treadmill, please keep the machine is power off.

3.8 Don't let children and non-sporters get close to the running treadmill to avoid unnecessary injury.
3.9 Please do remember the position of the safety key, when you are running on the machine. In this way, you can Press the safe key for the machine's sudden stop under the dangerous condition. Then you will not be injured.
3.10 If you are enjoying other entertainment while running such as watching TV, reading. Please be particularly careful. These activities will distract your attention, which may make you lose your balance and get hurt.
3.11 Please pull the plug off from socket and keep the safe key, when the treadmill is unused.
3.12 Please don't put anything under treadmill and don't let your children play near it after folding.
3.13 Please consult your doctor at first before running, if you have one of the following diseases.

a) Cardiopathy, hypertension, sugar diabetes, respiratory disease, smoking, and other chronic diseases, complication disease.
b) If you are over 35 years old and heavier than common weight.
c) Women in pregnant or in breasting period.

3.14 Please stop exercising immediately and consult your doctor if you're feel giddy, surfeit,

thorax ache or other symptoms.

3.15 Please drink adequate water after taking exercises on our treadmill for more than 20 minutes.

3.16 when in running,we have to keep there is enough free space behind the treadmill ,usually as the rule,it should be length(2m) and the width should be the same as treadmill

3.17 please kindly add 20ml professional oil per time after 3days' work or 20 hours' running time.

4. INSTALLATION: SEE "INSTALLATION SKETCH"

5. USE AND OPERATION

5.1 Panel Keys and Function



（1）"incline short cut key"

Press this key, the incline goes directly to the chosen height.

（2）LCD window

1. "incline" : It shows auto incline (range:0-22)
2. "distance": It shows the distance.(range:0 km-99.99km)
3. "time": It shows time.（range:00:00 -99:59）
4. "speed": It shows speed. (range:1km/h-20km/h）

5. “cal/pulse”: It shows the pulse when it has, if without pulse, it shows calorie (range:0-999 calorie）

6.MP3: It will be displayed when MP3 function is in use.

（**3**）“speed short cut key”

Under running condition, press this key, speed can be set to the value directly.

（**4**）“Prog”(keeping pressing this button until you find the program that you want)

You can also press the “program” button to select your preferred program from the predefined programs. Please note P1 to P50 programs are speed program only without inclined change. P51 to P99 programs are a combination of speed and inclined change. Press the “PROG” key once again to enter “99 direct selected programs” there are 99 programs, “P1-P99” the first 50 programs without incline. The last 49 programs including incline. So please choose carefully.

“Distance program”

Before you start the treadmill, you can select U1-U4 “Distance running” programs by pressing the "mode button". By pressing "mode" button again, treadmill will record the your running distance. Otherwise, it will record automatically in every 500 meters. This record will be saved in the computer for your exercise next time.

“User program”

Keep pressing the “Program” button, until you see “user defined programs” on the display. You have 3 types of user defined programs (C1-C3). Select one of these and press the “mode” button to edit. Once you set up this information, it would remain after you switched off the machine.

a). Firstly, you would need to select the “user defines” program by pressing the “Program” button.
b). Then you would press the “Mode” key to select the program (C1, C2 or C3).
After selecting the program, you can now setup your preferred speed and inclined level.
Press the “increase speed” or “decrease speed” key to select the speed you prefer (1 to 22km/h).
c). Then press the “mode” key to setup the speed for the next minute.
Repeat this step until you set every minute for the program

（**5**）“incline up”

Press this key one by one or Press it continuously, you can choose the incline you need, except for the alarm condition.

（**6**）“incline down”

Press this key one by one or Press it continuously, you can choose the incline you need, except for the alarm condition.

（**7**）“music”

Press this key to open or shut the speaker amplify

（**8**）“start”

Under ready condition, press this key, it runs at the speed of 1.0km/h.

（**9**）"USB-next "

When you use USB function, press this key to choose the next song in your USB.

（**10**）"VOL +"

When the amplify is open, press this key to increase the voice.

（**11**）Under ready condition, press this key to evaluate your body fat.

Press once, it will show "BODYFAT" in window, and then press "MODE" button, "SEX→1", which indicated "man", will show in the window. Then "man" (1) or "woman" (2) can be selected by "speed up" and "speed down" buttons.

Press "mode" button again, "AGE→25"- the initial age, will show in the window. Then age can be selected by "speed up" and "speed down" buttons, range from 10 to 99 years old.

Press "mode" button again, "HEIGHT" with initial value 170cm. will show in the window. Then height can be selected by "speed up" and "speed down" buttons, range from 50 to 250cm.

Press "mode" key again "WEIGHT" with initial value 60kgs, will show in the window. Then press weight can be selected by "speed up" and "speed down" buttons, range from 20 to 150KGS.

Press "mode" key again, "BMI" will show in the window. The BODYFAT figure will display on the window once the heart-rate sensor on both handlebars are grasped. To quit this program, only press "mode" button.

Press the BODYFAT button to evaluate your body fat by built-in program.

a) Press BODYFAT button, "BODYFAT" will display in the window. Then press "MODE" button, "SEX", will show in the window. Then "man" (1) or "woman"(2) can be selected by "speed up" and "speed down" buttons.
b) Press "mode" button again, "AGE" with initial value 25, will show in the window. Then age can be selected by "speed up" and "speed down" buttons, range from 10 to 99 years old.
c) Press "mode" button again, "HEIGHT" with initial value 170cm will show in the window. Then height can be selected by "speed up" and "speed down" buttons, range from 50 to 250cm.
d) Press "mode" key again "WEIGHT" with initial value 60kgs, will show in the window. Then weight can be selected by "speed up" and "speed down" buttons, range from 20 to 150KGS.
e) Press "mode" key again, "BMI" will show in the window. The body fat figure will display on the window once the heart-rate sensors on both handlebars are grasped. To quit this program, only press "mode" button.

Please note: the following explanation as guidance only :(Please refer to GP if you have any concerns about your results)

Explanation:

Bodyfat < 19: underweight.
Bodyfat 19~25: normal
Bodyfat 26~30: overweight
Bodyfat > 30: obese

（**12**）. “speed down”
Under running condition, press this key, speed can be speeded down to the one you need.

（**13**）“speed up”
Under running condition, press this key, speed can be speeded up to the one you need.
(14) “stop”
Under running condition, press this key, if it runs at speed more than 3.5km/h, it will slow down then stop. During this stopping process, other keys are not available. If it runs at speed less than 3km/h, then it stops immediately.

（**15**）“USB-previous ”
When you use USB function, press this key to choose the previous song in your USB.

（**16**）“VOL -”
When the amplify is open, press this key to down the invoice.
(17) “Safety key”
Under urgent condition, pull this key, machine stops immediately.

5.2 Unload operating

1. Insert power plug into the socket with earth wire, turn the switch to “1” position which is on the frame
2. Put the safe key in the right position, then circuit is on, press “on/off”, keep it run in unload condition. Test the condition of running belt (testing from low speed to high ones), after testing, press “on/off”.
3. If everything is ok, then start to run.

5.3 Meter operating instruction

5.3.1

1. Insert power plug into the socket with earth wire, turn the switch to “1” position which is on the frame. Place the safe key to the appointed position. After a few seconds, panel will show that the machine is ready.
2. Nip another end of safe key to your clothes, and stand on the footplate on both sides.
3. Press“on/off” key, running belt moves at the lowest speed (1.0km/h). Speed windows will display your running speed.
4. Start to run.
5 . Press speed key or incline key to adjust speed and incline, speed window and incline window will display your speed and incline .

6. To end your exercise in a safe way, please first press “on/off” key to close the treadmill. Please leave the running belt until it stops slowly. Turn off the power.

5.3.2 Heart Rate Testing

Our treadmill can test your heart rate via the heart rate sensor. The data is only for reference.

5.4 Folding and Opening Treadmill

5.4.1 Folding

Firstly lift and fold the back part of the frame board by hand till you hear a light sound, which means the folding system has been locked. At this time running board can’t be turned to the opposite direction

5.4.2 Opening

Put the folded treadmill in a capacious position when you want to run. Then pull the adjusting parts by hand to keep it is unlocked. Press the back part by your hands down to about 10%, release it, then it will open automatically.

6. MAINTENANCE

6.1 Identification ways for the degree of tightness of running belt and poly V-belt.

When the running belt skips, please follow the steps as follows to make sure which belt needs to be adjusted, running belt or poly V-belt.

a) Cut off power, screw off the bolt on cover of protection. Then take down the protecting cover from the treadmill

b) Turn the speed to be around 3km/h, step on the running belt by pressure and try your best to make the running belt stop. If running belt stops, together with the front roll, but the motor still runs, under this condition, it means the poly V-belt needs to be adjusted.

c) Turn the speed to be around 3km/h, step on the running belt by pressure and try your best to make the running belt stop. If running belt stops, but front roll still runs, under this condition, it means the running belt needs to be adjusted.

6.2 The adjustment steps for poly V-belt

Cut off power firstly and take down the cover of protection.

a) Loosen the four screws for the motor, turn the adjustable screw(there is one screw specially for adjust) a circle by clockwise, then screw down the four loose screws.

b) Keep the power on, and adjust the poly V-belt is loose or not following the point 6.1 above and too see if the v-belt is tight enough, if need to tight again, please repeat the action same to point a) above.

6.3Adjustment steps for running belt

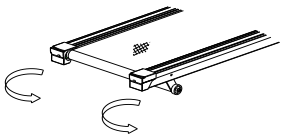
a) Turn the speed to be 5.6km/h. for running

b) Turn the bolts at both right and left sides to be half a circuit or a circuit by the 8mm spanner. (diagram1 and diagram 2)

c) After adjustment, running belt still skips, please repeat the steps above.



Tighten the running belt(diagram 1)



loosen the running belt(diagram 2)

6.4 The adjustment steps for running belt deflection

The running belt will be deflected more or less under using. Then it needs to be adjusted. The steps are as follows:

a) Place the treadmill on a horizontal floor, turn the speed to be 5.6km/h.for running.

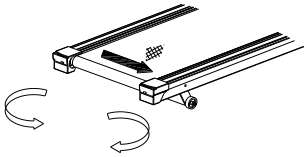
b) If the running belt is deflected to the right, adjust the bolt on the right by turning it for half an circle clockwise, then adjust the bolt on the left by turning it for half an circle.(see diagram 3)

c) If the running belt is deflected to the left, adjust the bolt on the left by turning it for half an circle clockwise, then adjust the bolt on the right by turning it for half an circle.(see diagram 4

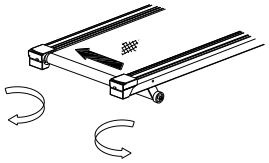
d) After the adjustment, the running belt still keeps deflecting , please repeat the steps above.

running belt deflected to right

running belt deflected to left



The adjustment for right deflection (diagram3)



The adjustment for left deflection (diagram 4)

6.5 Running board lubrication

The treadmill is equipped with lubricated running board, which needs constant maintenance. The friction between running board and running belt has a great effect on the treadmills' e life. So

please lubricate your machine termly. The steps are as follows:

a) Cut off the power

b) Wipe out the dust between running board and running belt with a clean cloth.

c) Daubing the Silicon oil on the running board and running belt equably.

d) While adding lubrication oil, please keep your clothes away from the machine for avoiding the injury.

6.6 Cleaning

a) Please power off and pull the plug cap out before cleaning.

b) Wipe out the dust stuck on the surface and running board frequently.

c) Please clean the surface of frame and running belt with a soft cloth dipped with suds, don't use things like eradicator and naphtha.(After cleaning, please dry it for use)

d) Please take the protecting cover off every two month, use vacuum dust-collector to suck the dust remaining inside of the protecting cover.(The dust will make the components of circuitry

board short circuit)

6.7 Cautions, folding, depositing

6.7.1 Cautions

Please make sure that the plug cap has been pulled out before cleaning or maintenance.

6.7.2 Depositng

The treadmill should be deposited indoor in case of being damp. Water can't be spattered and nothing can be laid and inserted on the treadmill.

Please keep the air a little humid in winter. And please void the big static electricity, it may disturb the operation of meters or even damage them.

7. GUIDES FOR MALFUNCTION

7.1 Analyzing and eliminating malfunction

Item.	Malfunction	Reasons	Solution
1	Treadmill can't be started	The safe key isn't in the right position	Put the safe key in the right position
		The electrical switch is placed to "0"	Turn the electrical switch to "1"
		creepage switch is not OPEN	Replace creepage switch
2	Meter can't display	The meter control line and control panel are unconnected	Pull the bolt out and open the motor cover and reconnect it
			Turn on the meter and reconnect
3	Heart rate can't be displayed	The pole of heart rate sensor is not wet enough	Wet the pole with water or liquor for hard contact lenses
		Disturbed by electromagnetism	Stay away from electromagnetism
4	Incline doesn't work	The motor wire is not well connected	Open the motor cover and reconnect it
5	Running belt runs faster or slower than what has been displayed	Unadjusted	Readjust it
6	Running belt slips	Running belt is not tight enough	Please read point 6.3 Adjustment steps for tightening running belt for reference
7	Running belt is deflected	The running belt is unadjusted.	Please read point 6.4 The steps for adjusting the deflected running belt for reference

7.2 If you still can't solve the problems after taking the solutions above, we hope that you can contact our dealer or company as soon as possible.

8. WARRANTY

8.1 We have assigned well-trained professionals at the dealers'. They are ready to serve for you at any time. You can purchase any spare parts you need.

8.2 Within the warranty time, and under your correct operations, our technicians will replace or repair the defective accessories in free.. But you will have to pay our technicians for the cost of broken parts if the warranty is expired or you use them in an incorrect way.

8.3 The warranty for spare parts under the correct operation.

a) Frame: lifetime
b) control board: 1years
c) Motor: 3 years

8.4 Condition beyond Manufacturer's warranty:

If the product you purchase has the problems as follows, the manufacturer's warranty is not effective:

a) Improper operating, negligence, accident
b) Wrong adjustment of running belt and poly V-belt
c) Unauthorized take-down
d) Improper maintenance

9 ERRORS AND SELF-INSPECTION

9.1 Error: Treadmill gives the following error code if anything wrong, please contact the professional service people soon if it happens.

Error Code	Reason
E-01	Didn't detect signal from the speed indicator.
E-02	The Voltage is overload and exceed the marked (volt)
E-03	The motor is overload and exceed the marked (amps).
E-04	Incorrect connection between main motor and control panel
E-06	Poor connection between the display and controller.
E-07	Safety key of electronic meter has been placed off.
E-09	Incline self-inspection failure
E-0P	Speed self-inspection failure
E-0C	Poor connection of motor wire to controller, damaged IGBT or defective circuit of power relay.

9.2 Self-inspection

No need to self-inspect unless special situation. If necessary, please do it under the instruction of professional technical people or sales because of the high voltage.

a, open the red power switch, pull out the safe key

b, Press the "start" and "speed +" key at the same time and keep it,meanwhile,use another hand to put on the safe key ,then release the button.of "start"and "speed+" and press the "mode" key,then the LCD start to show all the datas inside

c, after the LCD display finished, then press the "mode" key again.

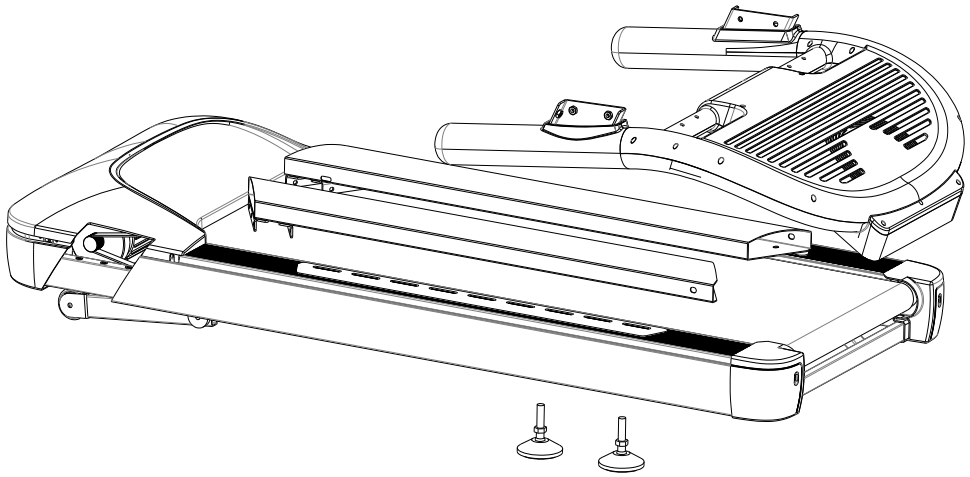
d, the treadmill 's incline is from lowest to highest. Then treadmill stopped.

. The whole self-inspection process takes about 2 minutes

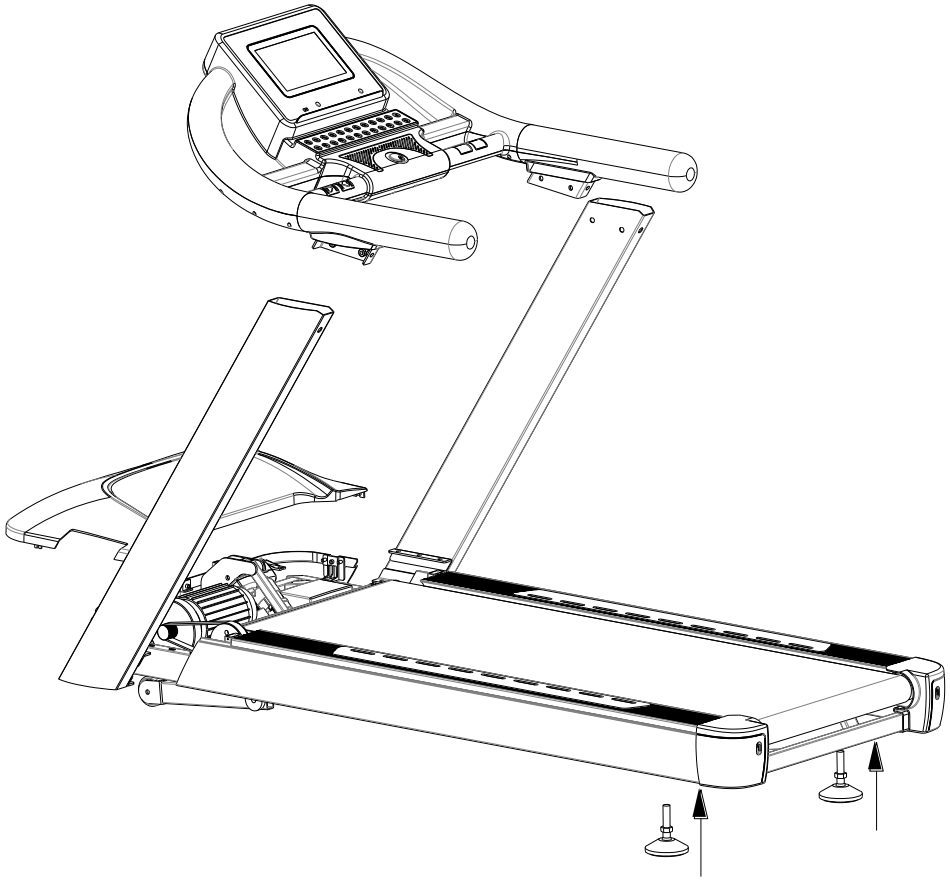
MOTORIZED TREADMILL INSTALLING SKETCH MAP

GV50515-2 Motorized Treadmill Installing Sketch Map

1

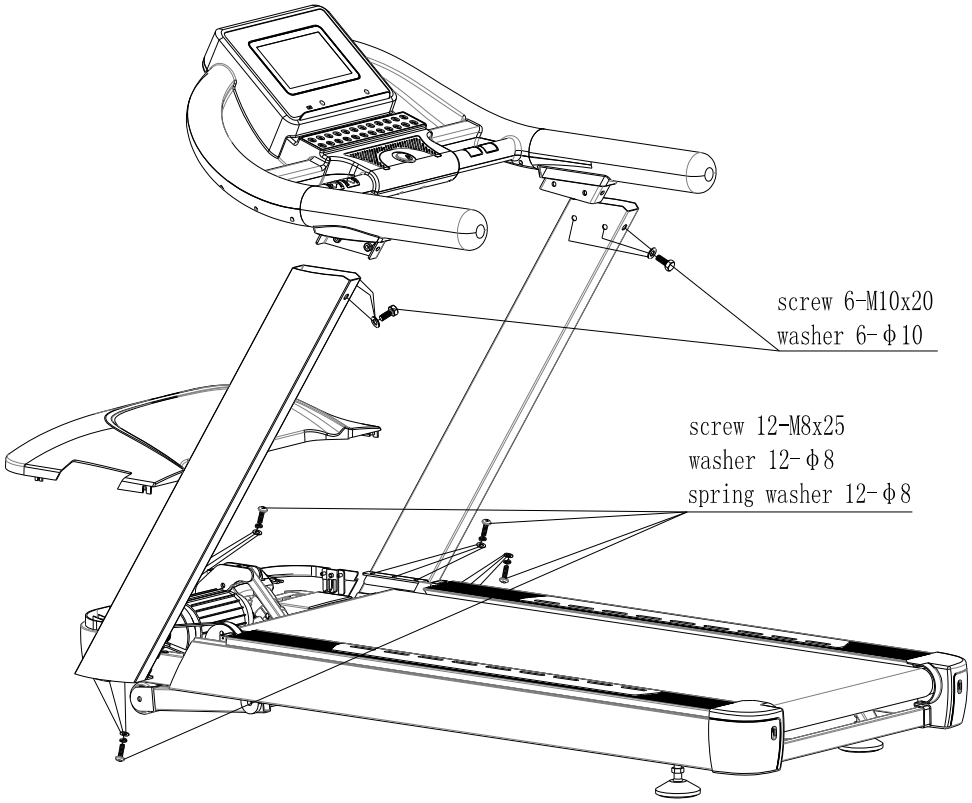


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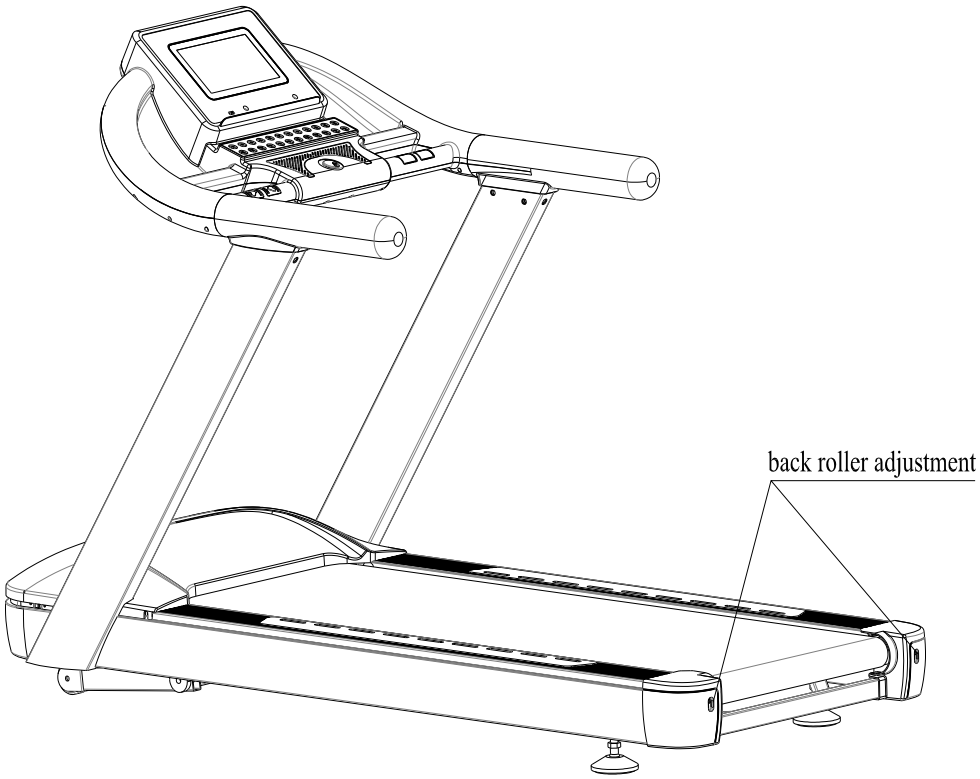


GV50515-2 Motorized Treadmill Installing Sketch Map

3

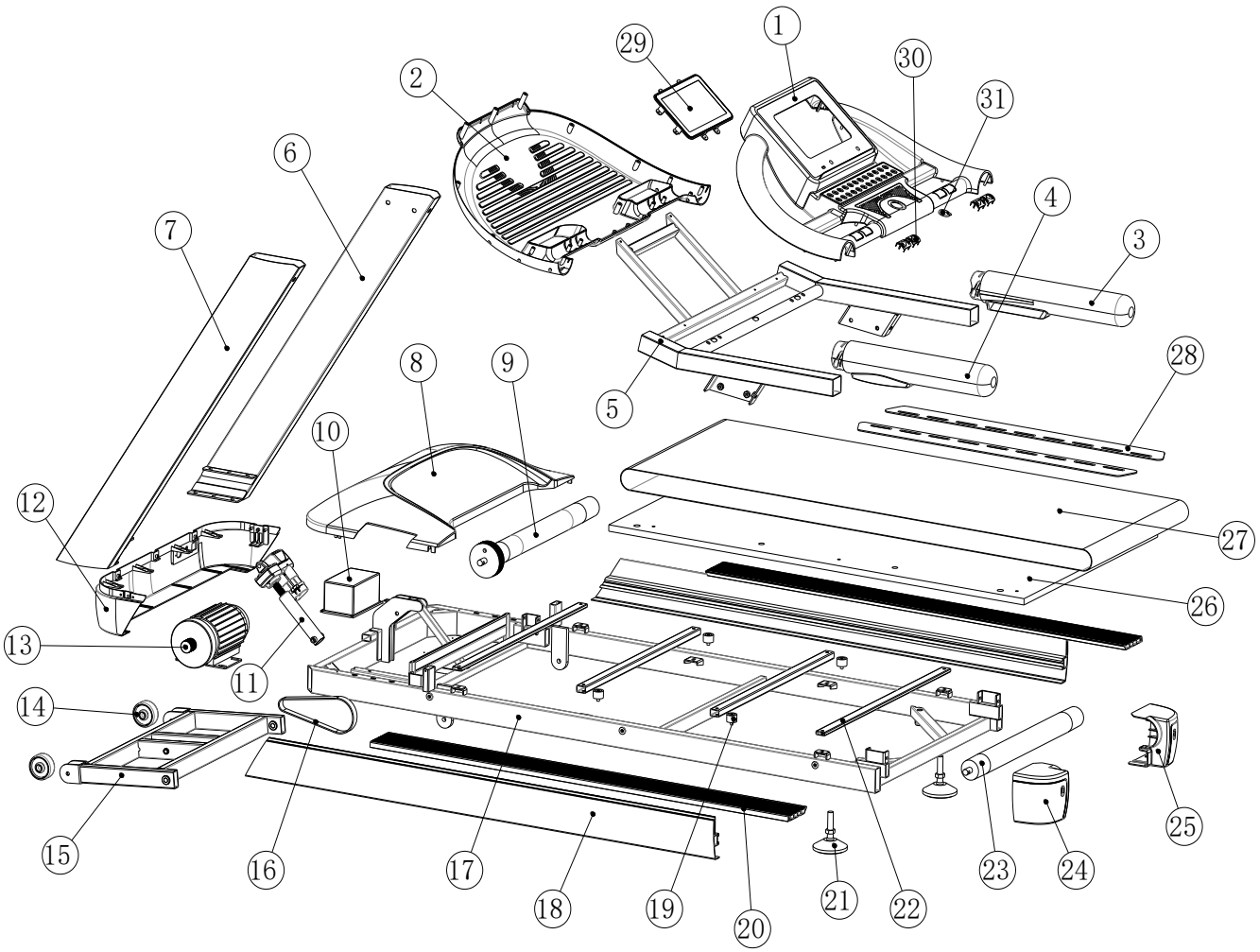


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Proofreading has been carefully done to the manual, if there are printing mistakes, please kindly understand. If pictures and the real product doesn't match, please take the product as the final and correct one.
If any improvement on function and specification, please kindly undersatand if you are not informed.

Part List



NO.		NO.		NO.	
1	The upper display plastic	13	Motor	25	End cap-right
2	The bottom display plastic	14	Wheel	26	Running board
3	Foam hand grips-right	15	Incline Frame Component	27	Running belt
4	Foam hand grips-left	16	Drive Belt	28	The pad on the side strip
5	Display holder	17	Treadmill frame	29	Controller display stand
6	Pipe frame-right	18	Side strip	30	Heart rate sensor
7	Pipe frame-left	19	Cushion pad	31	Safety key
8	Motor cover	20	Side strip-up	32	
9	Front roller	21	Foot Pad	33	
10	Inverter	22	Internal stenting tube	34	
11	Incline motor	23	Rear roller	35	
12	Front motor cover	24	End cap-left	36	