

**T661 LED Treadmill
Owner's Manual**



SportsArt

OWNER'S MANUAL CONTENTS

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DISCLAIMER

The information in this user manual is subject to change without prior notice.

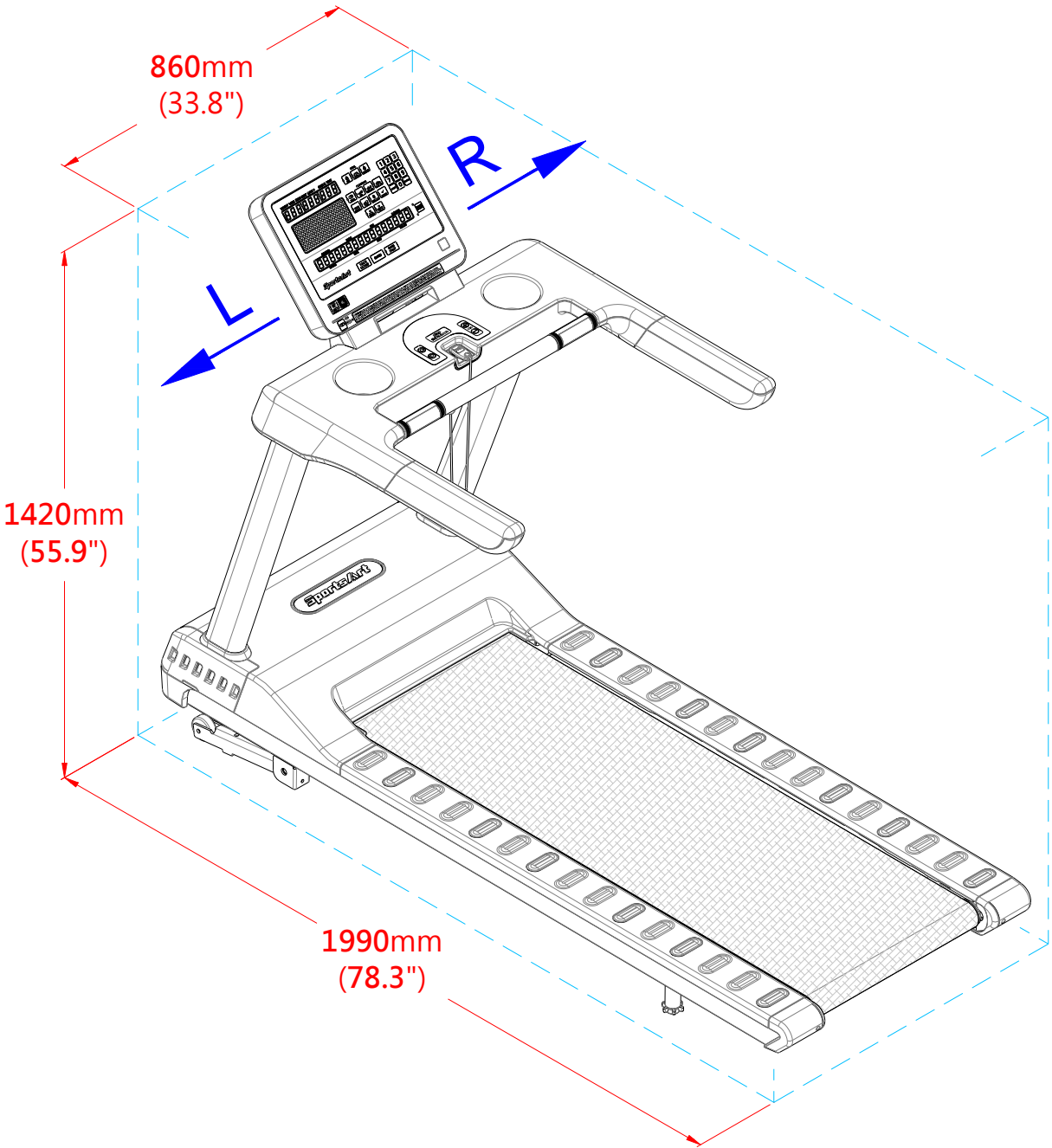
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1.INTRODUCTION

Congratulations on your purchase of one of the finest exercise products on the market today, the SportsArt T661 Treadmill. Constructed of high-quality materials and designed for years of reliable usage, this product was made to become an integral part of your commercial fitness venue.

Before this product is assembled or operated, we recommend that you familiarize yourself with this manual. Understanding the correct assembly and operation of this product will help ensure that exercisers obtain their fitness goals safely and successfully.



2.SAFETY THE PRECAUTIONS

When using the product, basic precautions should always be followed, including the following:

Read all instruction before using the product.

DANGER – To reduce the risk of electric shock

- Always unplug this product from the electrical outlet immediately after using and before cleaning.

WARNING –

⌘ To reduce the risk of fire, electric shock, or injury to persons:

- The product should never be left unattended when plugged in. Unplug from outlet when not in use, and before putting on or taking off parts.
- Do not operate under blanket or pillow. Excessive heating can occur and cause fire, electric shock, or injury to persons.
- This product is not intended for use by persons with reduced physical, sensory, or mental capabilities, or by people who are otherwise deficient in product knowledge or experience. If such people use this product, they should be given training and be supervised at all times by someone responsible for their safety. Keep children under the age of 13 away from this machine.
- Do not let children on or near the product. Children should be supervised to ensure that they do not play with the product.
- Use this product only for its intended use as described in this manual. Do not use attachments or parts not recommended by Sports Art. Such parts might cause injuries or cause the unit to fail and void the warranty. Sports Art will not be responsible for any safety issue that arises due to the misuse of accessories or parts and will terminate the warranty terms of this product.
- Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the product to a service center for examination and repair.
- Do not carry this product by supply cord or use cord as a handle.
- Keep the cord away from heated surfaces.
- Never operate the product with the air openings blocked. Keep the air openings free of lint, hair, and the like.
- Never drop or insert any object into any opening.

- Do not use outdoors or near water, including pools and saunas.
- Do not operate where aerosol (spray) products are being used or where oxygen is being administered.
- To disconnect, turn all controls to the off position, then remove plug from outlet.
- **WARNING:** Before obtaining access to terminals, all supply circuits must be disconnected.
- Connect this product to a properly grounded outlet only. See Grounding Instructions.
- Before beginning any exercise program, you should consult with your doctor. It is recommended that you undergo a complete physical examination. Have your doctor review your training and diet programs to advise you of a workout routine you should adopt.
- Before using this product to exercise, always do stretching exercises to properly warm up.
- **CAUTION:** If you feel any pain or any abnormal sensations, **STOP YOUR WORKOUT** and consult your physician immediately. Work within your recommended exercise level. **DO NOT** work to exhaustion. Before beginning any exercise program, you should consult with your doctor. It is recommended that you undergo a complete physical examination.
- **WARNING!** Heart rate monitoring systems may be inaccurate. Over exercising may result in serious injury or death. If you feel faint stop exercising immediately.
- Use the product in a supervised environment.
- Any of the adjustment devices that could interfere with the user's movement should not be left projecting.
- The recommended minimum operating temperature is 15 degrees Celsius.
- This product has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This product generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the user desires to correct the interference, it is at the user's own expense.
- In conformity with the European Union Machinery directive 2006/42/EC, this product runs at sound pressure levels below 70 dB(A) at the average operating speed of 12 km/hr.
- Noise emission under load is higher than without load.
- **Weight Limit:** Please refer to the product specification table in the Appendix for the maximum weight limit for users of this product.

- The product is intended for commercial use.

※ **To reduce the risk of improper operation:**

- Unpack and verify contents of boxes according to the list of parts to check if any parts are missing. If the product is damaged or missing, contact your Sports Art representative to find out all the materials that were damaged during shipping. (Note: Transport damage is the responsibility of the carrier.)
- Make sure the product is installed and operated as instructed in this manual. Be careful when mounting and dismounting the unit. The product shall be disconnected from its power source during service and installed and when replacing parts.
- Check the product before every use. Make sure all parts are assembled, and all fasteners are tightened. Do not use the product if it is disassembled in any way.
- This product has moving parts that can be hazardous. Exercise caution when maintaining, operating, or moving this product. Keep away from moving parts. Moving parts may or may not stop immediately if an object becomes caught or impedes normal motion.
- Assemble and operate the product on a solid, level surface.
- This product should be positioned away from walls to avoid injury due to falls. Be sure that the back of the product has at least six to seven feet of clearance from a ledge, wall or window. The power supply and wiring should be located away from walking paths or taped to prevent tripping when getting on and off the product.
- Wear proper workout clothing. Do not wear loose clothing. Do not wear shoes with leather soles or high heels. Tie all long hair back. Do not go barefoot on this product.
- Never spray or pour any liquid directly onto the product. Lidded containers are recommended and place in a bottle holder.
- Press “STOP” to stop the product.
- CAUTION: Risk of Injury to Persons – To Avoid Injury, use extreme caution when stepping onto or off of a moving belt. Read Instruction Manual Before Using.

※ **To reduce the risk of improper maintenance and storage:**

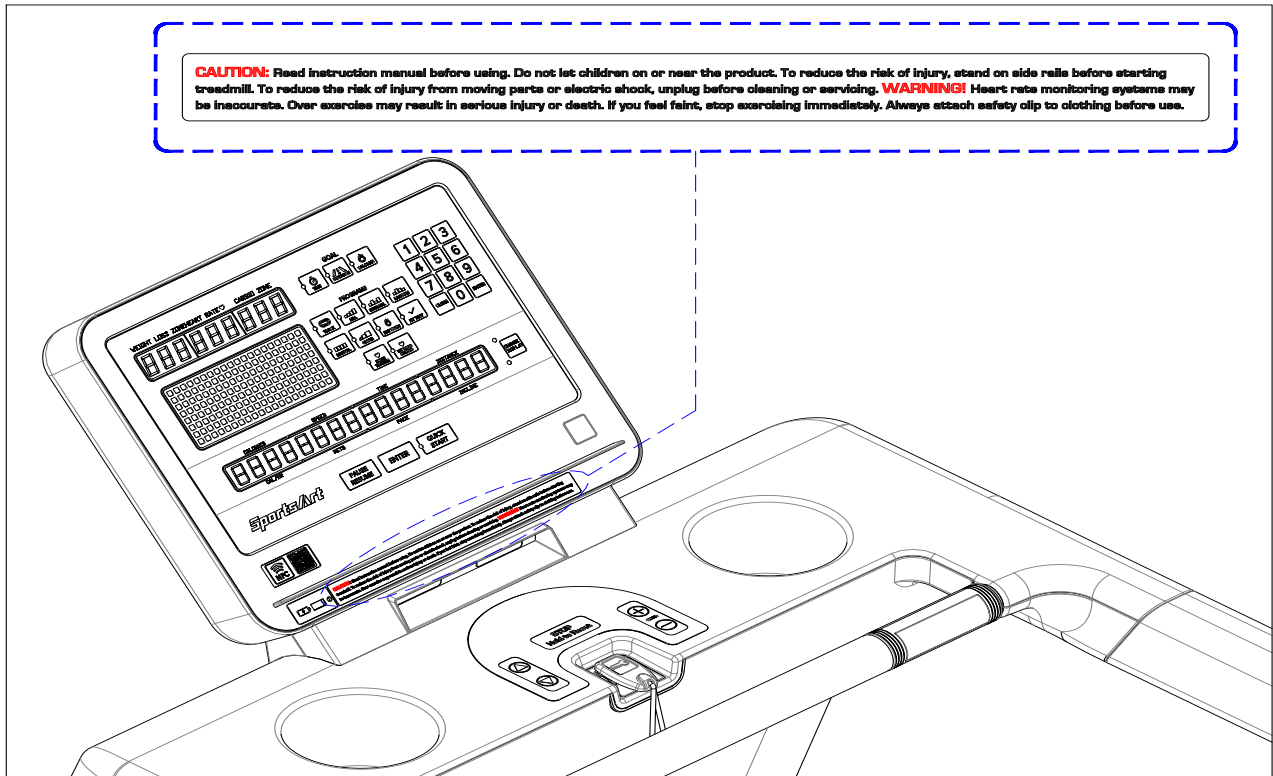
- WARNING! Only qualified technicians should be allowed to contact electrical components such as circuit boards. Some components carry an electrical charge even after use has been discontinued or the product has been unplugged. For products with power cords, turn off unit power, wait 10 minutes, then disconnect the power cord from the power socket. For products without power cords, let the unit sit without use for 10 minutes. Only

after taking such precautions should covers be removed and electrical components be accessed.

- The effect that the safety level of the product can be maintained only if it is examined regularly for damage and wear, e.g., ropes, pulleys, connection points.
- Replace defective components immediately and keep the product out of use until repair.
- Special attention to components most susceptible to wear.
- If the supply cord is damaged, it must be replaced by a cord available from the manufacturer.
- CAUTION: To Reduce The Risk Of Injury From Moving Parts – Unplug Before Servicing.
- WARNING: To Reduce the Risk of Electric Shock – Unplug Before Cleaning or Servicing.

SAVE THESE INSTRUCTIONS

MARKINGS



CAUTION:

(Console)

- Read instruction manual before using.
- Do not let children on or near the product.
- To reduce the risk of injury from moving parts or electric shock, unplug before cleaning or servicing.

WARNING:

- Heart rate monitoring system may be inaccurate.
- Over exercise may result in serious injury or death.
- If you feel faint, stop exercising immediately.
- This stationary training equipment is not suitable for high accuracy purposes.
-

Safety key:

- Adjust the lanyard length if necessary.
- During use, clip safety key onto clothes securely in case of unexpected falling.
- When not in use, remove safety key! Store safety key out of reach of children.

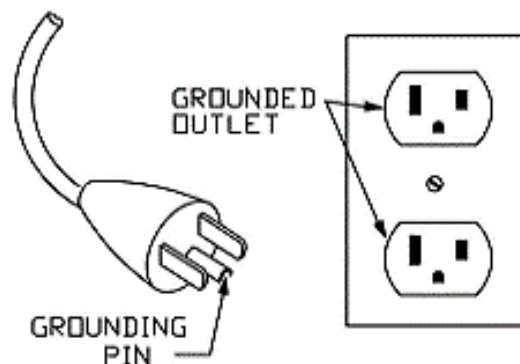
IMPORTANT SAFETY INSTRUCTIONS Grounding Instructions

This product must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

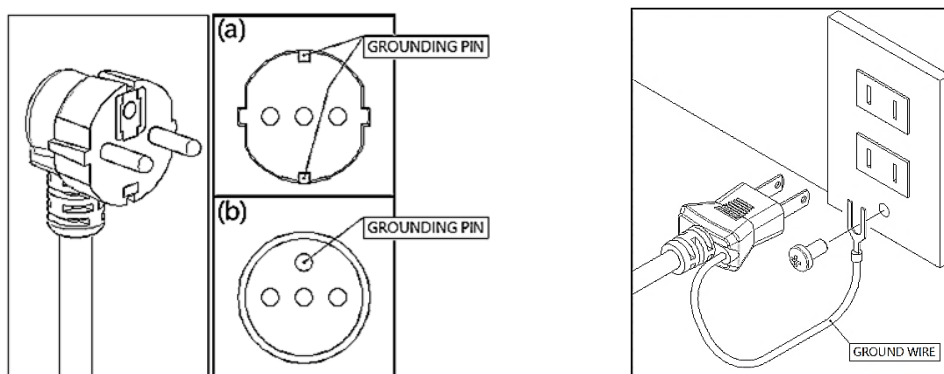
DANGER –

Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product – if it will not fit the outlet; have a proper outlet installed by a qualified electrician.

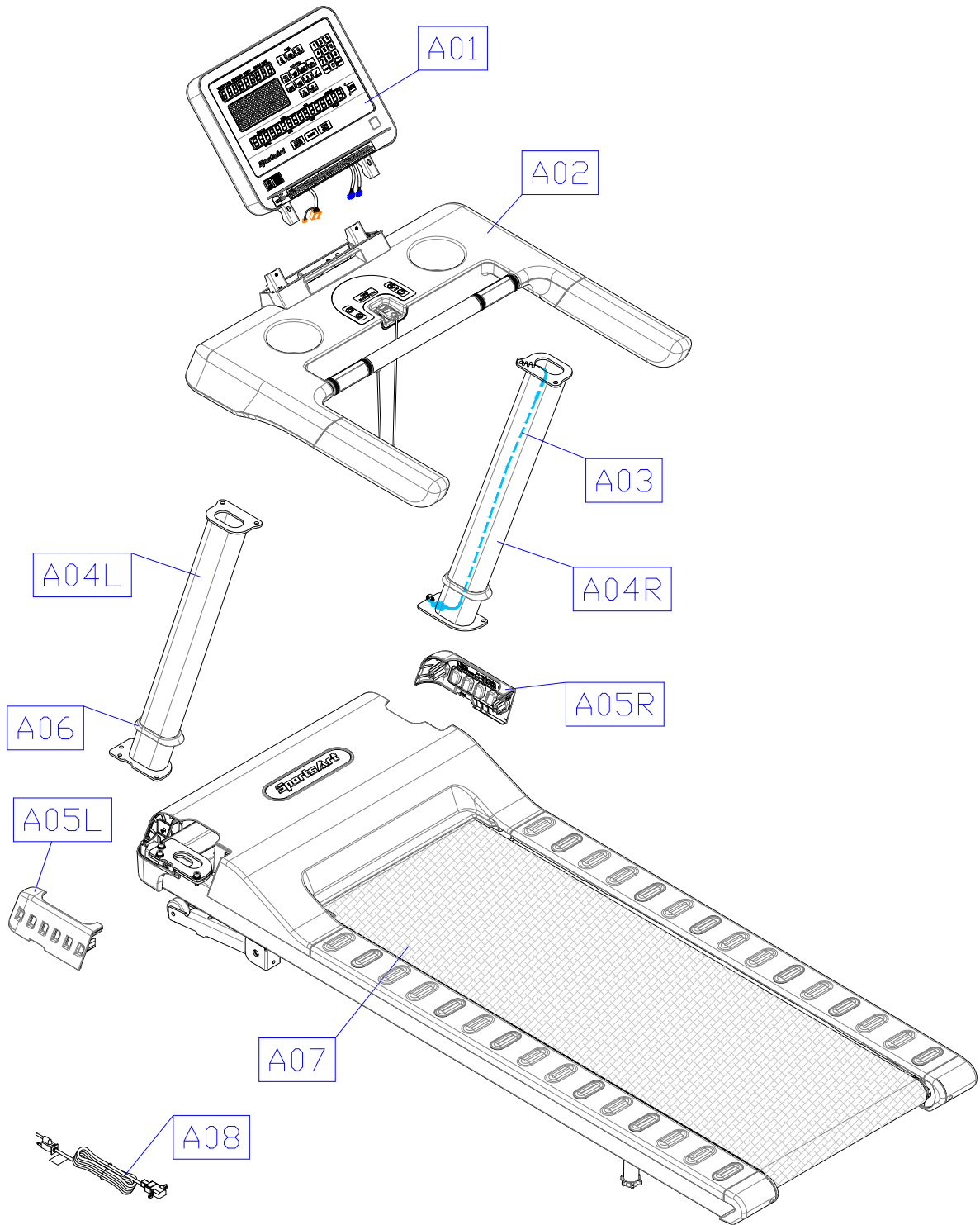
If the product is for use on a nominal 120-volt circuit and has a grounding plug that looks like the plug illustrated in the figure. Make sure that the product is connected to an outlet having the same configuration as the plug. No adapter should be used with this product.



The plug and outlet in your region may use different types of grounding methods. As shown in the figure below, you need to use the correct plug to ensure reliable grounding. If you have any questions, please contact a qualified electrician.



3. LIST OF PARTS



3. LIST OF PARTS (Cont.)

Assembly Parts					
NO.	Name	Qty.	NO.	Name	Qty.
A01	Display Panel	1	A05R	Right side cover of motor	1
A02	Handlebar	1	A05L	Left side cover of motor	1
A03	Feeder cord	1	A06	Pedestal cover	2
A04R	Right pedestal	1	A07	Main frame	1
A04L	Left pedestal	1	A08	Power cord	1
			A11	Package materials -	

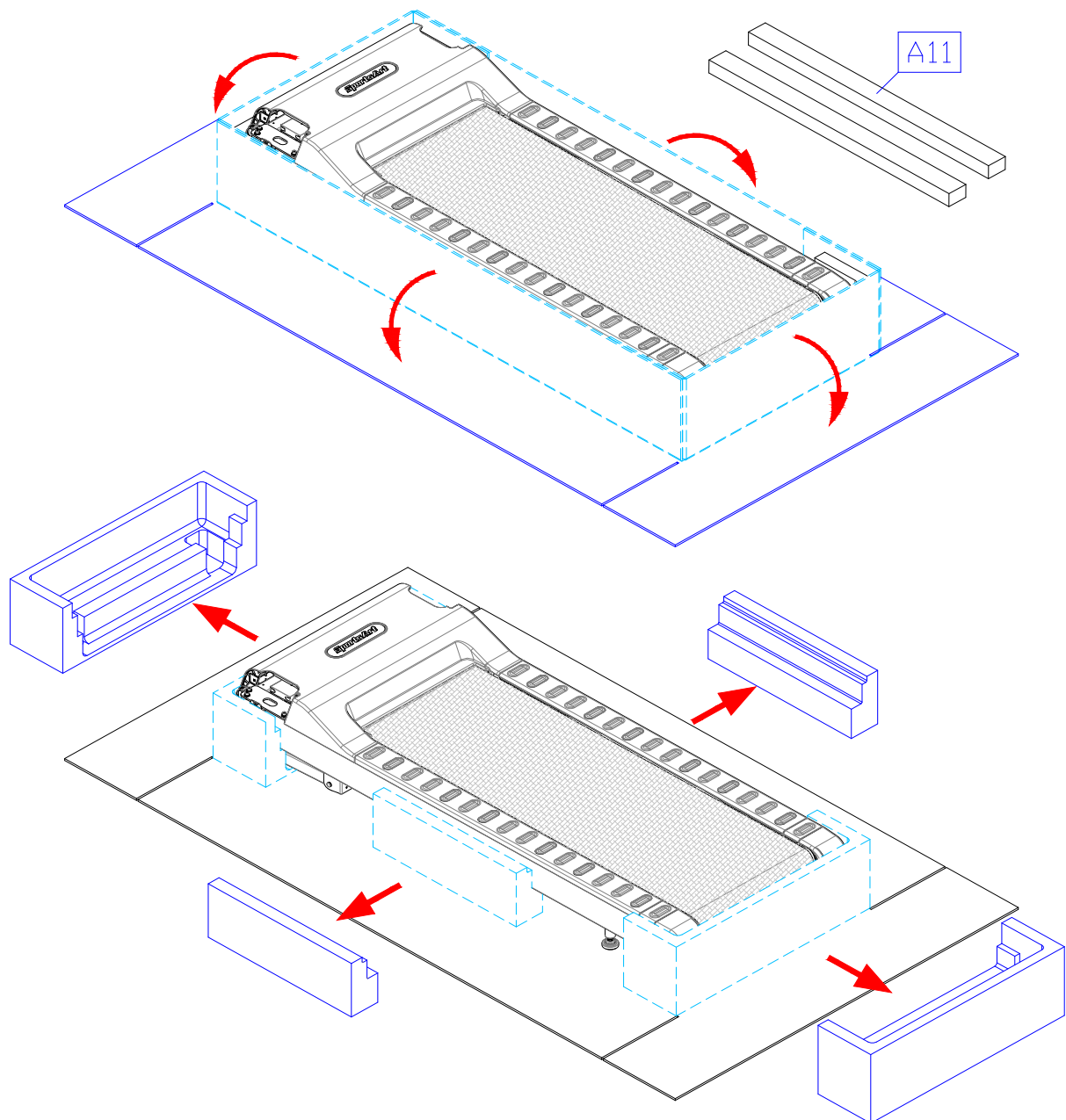
Assembly parts (Including hardware kit)				
※ Hardware kit note T ; Components on the product note M				
NO.	Name	Qty.	Specification	Notes
	Dual-Use screwdriver	1	Phillips and flat	T
	T-shaped Allen wrench	1	M5*L102	T
	T-shaped Allen wrench	1	M6*L108	T
	L-shaped Allen wrench	1	M6*L133mm	T
	Double open-ended wrench	1	22mm*24mm	T
12	Cap nut	4	TBX-P155	T
13	Screw socket	4	SGN-07	T (Spare)
14	Mushroom top philips screw	4	M4*L16	T
21	Toothed lock washer		D18*d8.5*t2.0*19T	M
	Spring washer		M8*t2.0	M
	Inner hex screw		M8*P1.25*L18	M
22	Phillips screw		M4*P0.7*L8	M
23	Mushroom top philips screw		M4*L14	M
24	Stand rear cover		TBX-P154	M
25	Flat washer		D16*d6.3*t2	M
	Inner hex screw		M6*P1.0*L12	M

4. ASSEMBLE THE PRODUCT

Follow instructions below to assemble this product. Note that in this manual the words “left” and “right” are used to refer to the product and its parts. As such, these designations correspond to the “left” and “right” sides of a person in position to exercise on this product. Also, for brevity, the word “screws” or “nuts” is used where washers and other hardware may be involved.

STEP 0 Unpack the machine

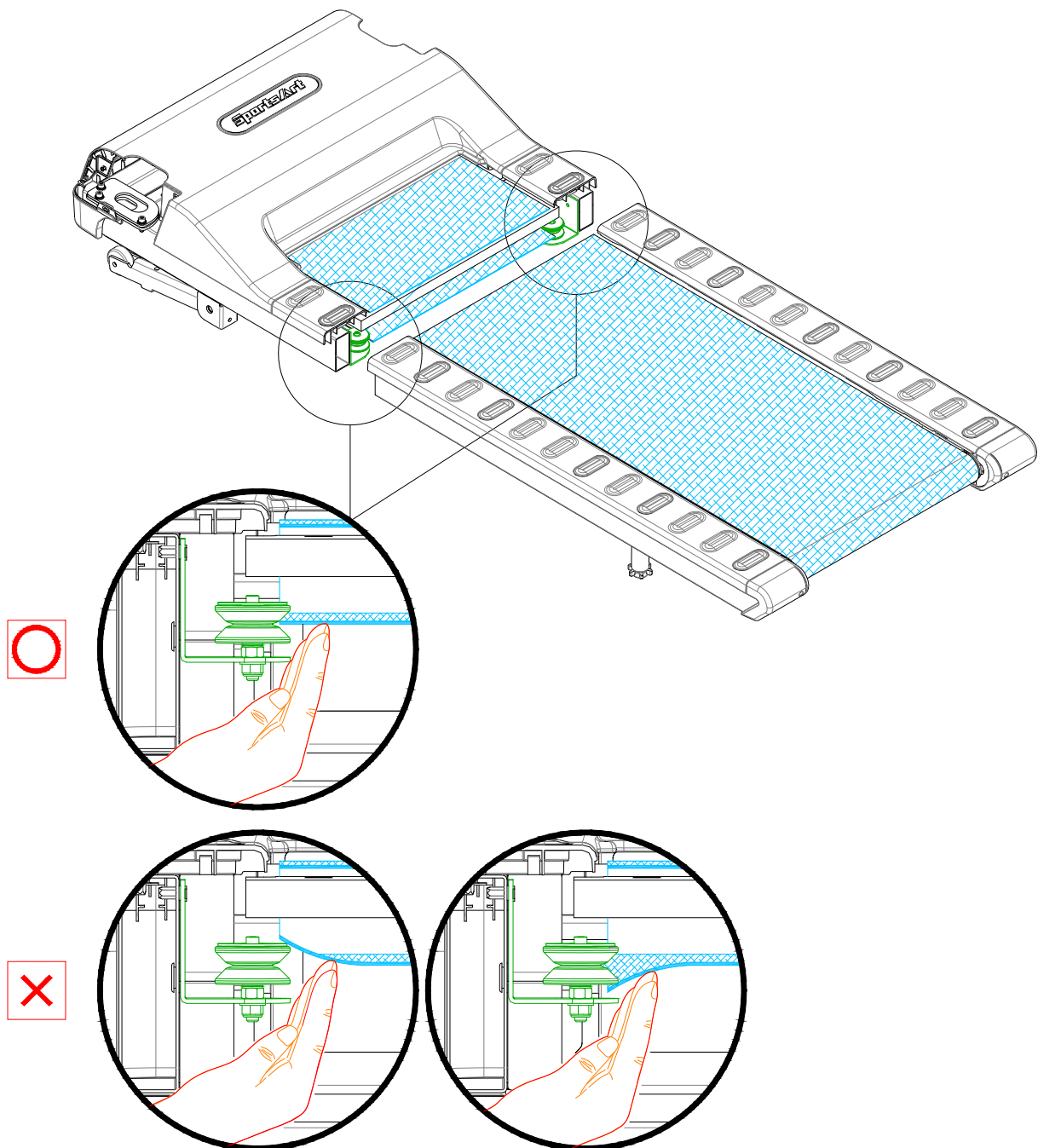
Before assembling, please unpack the T661 and take out all the related accessories, place them aside, and keep the package materials (A11) especially.



STEP 1 Preparation: Inspect the Walk Belt Placement

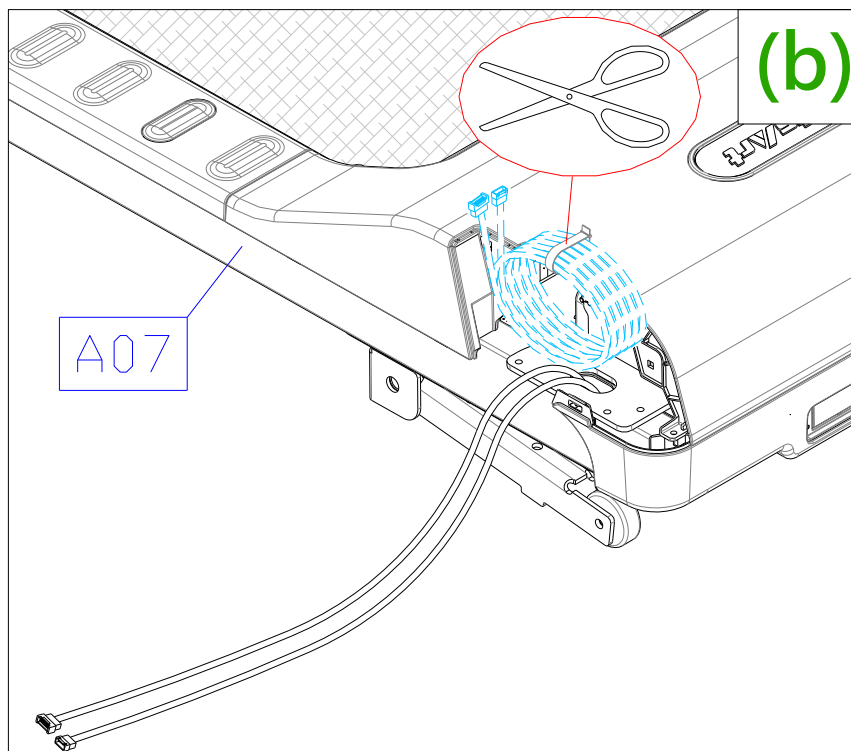
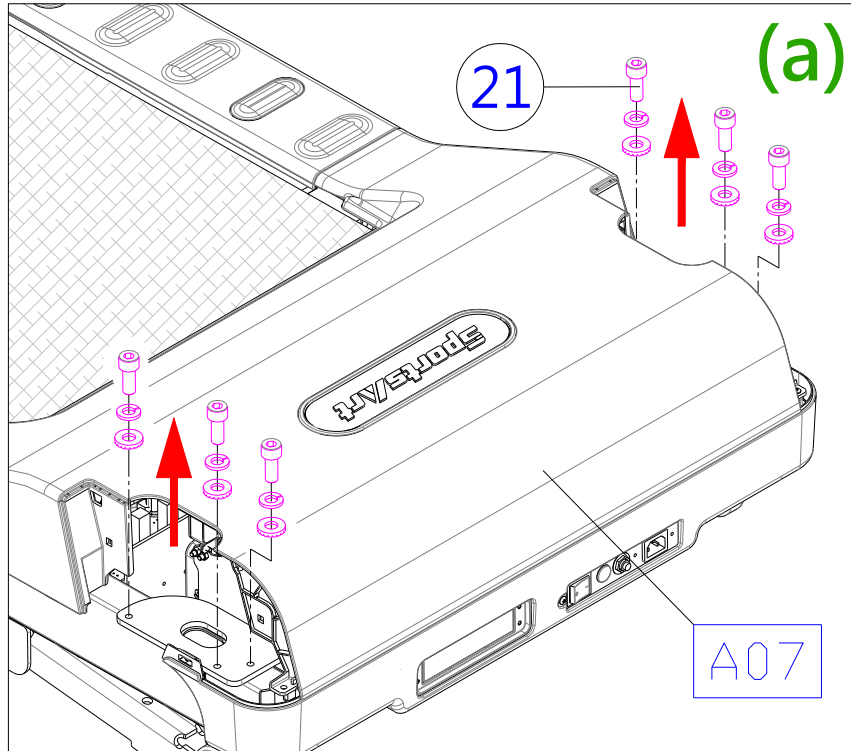
Inspect the position of the walk belt in relation to the guide rollers. The walk belt should be in the groove of the guide rollers (image O). Make sure that the walk belt is not outside of the groove of the guide rollers (image X).

If the walk belt is in the wrong position, press the walk belt into the groove of the guide rollers and adjust walk belt tension according to the instructions in this manual.



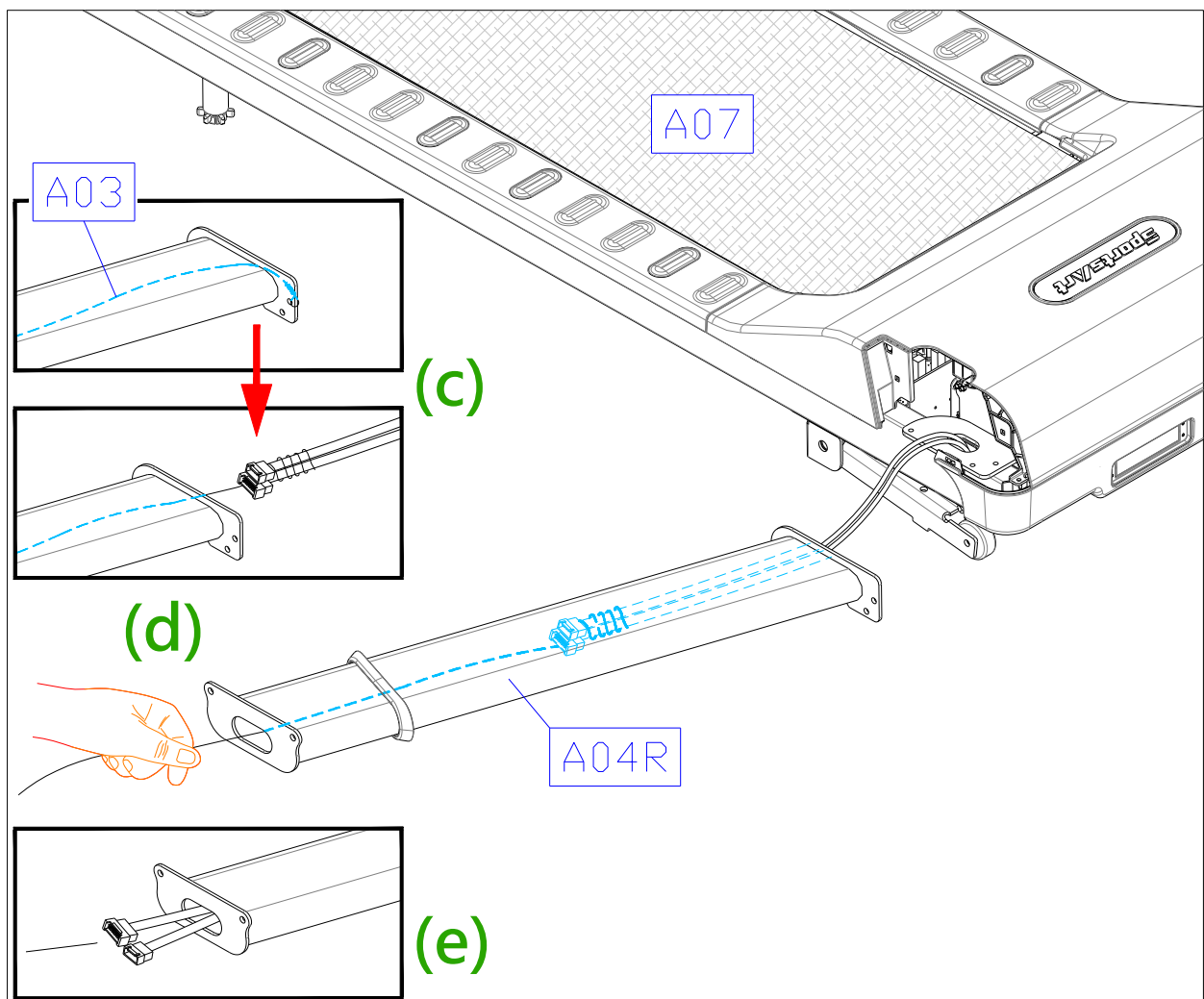
STEP 2 Left and Right Pedestals Installation

- (a). Remove the screws (21) from the left and right sides of the main frame (A07).
- (b). Pull out the data cable from the right pedestal base. Cut the zip tie, and uncurl the data cable.



STEP 2 Left and Right Pedestals Installation (Cont.)

- (c). Place the right pedestal (A04R) on the floor as shown, with the bottom end facing the data cable. Detach the feeder cord (A03) from the base of the pedestal, and tie the low end of the feeder cord (A03) onto the top of the data cable.
- (d). Pull the feeder cord (A03) from the top of the right pedestal (A04R) as shown, thus threading the data cable through the right pedestal (A04R).
- (e). Once the data cable has been threaded through the pedestal, untie the feeder cord (A03) from the data cable.

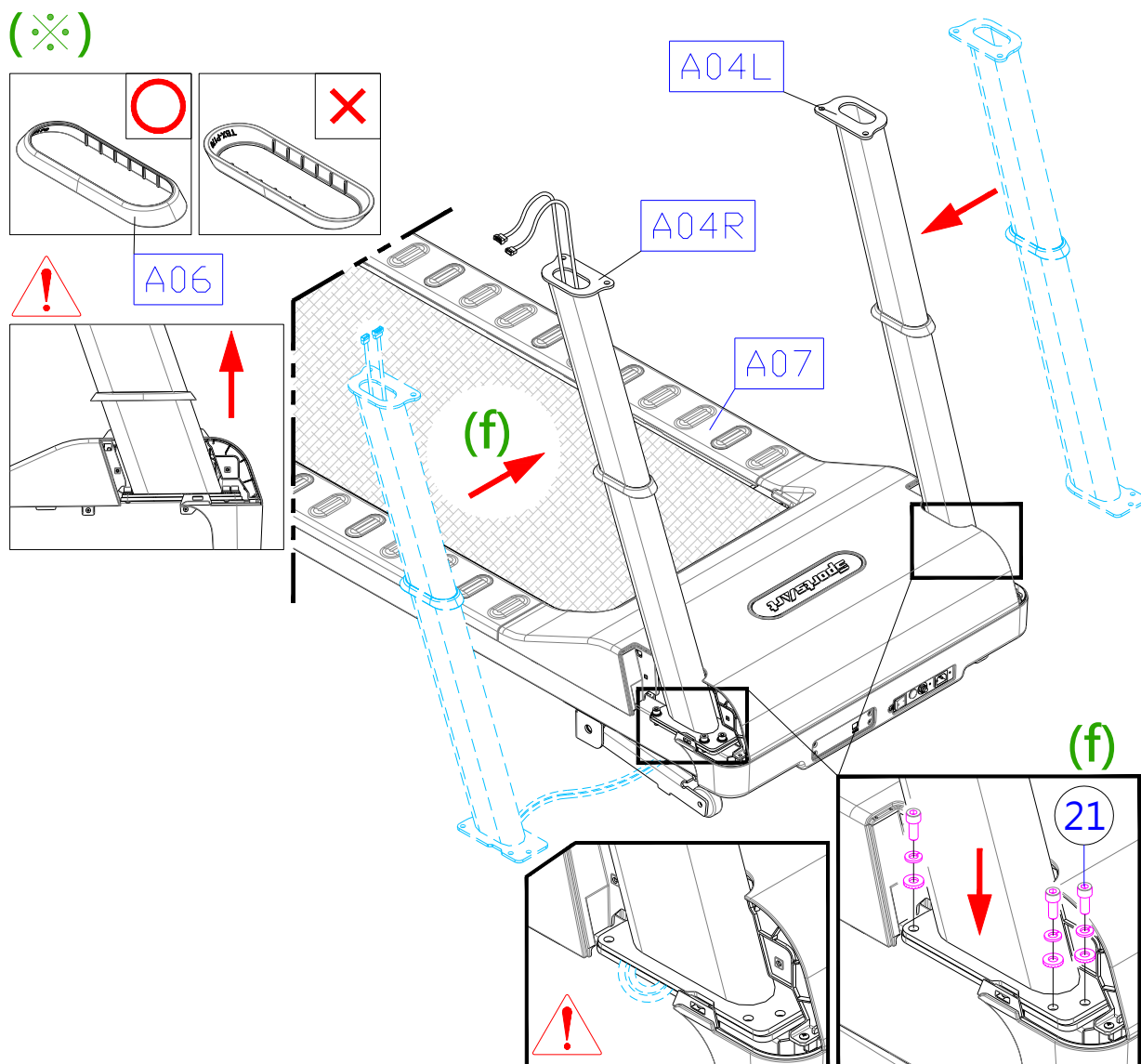


STEP 2 Left and Right Pedestals Installation (Cont.)

(f). Attach the left and right pedestals (A04R) (A04L) to the main frame (A07) with the screws (21) without tightening them.

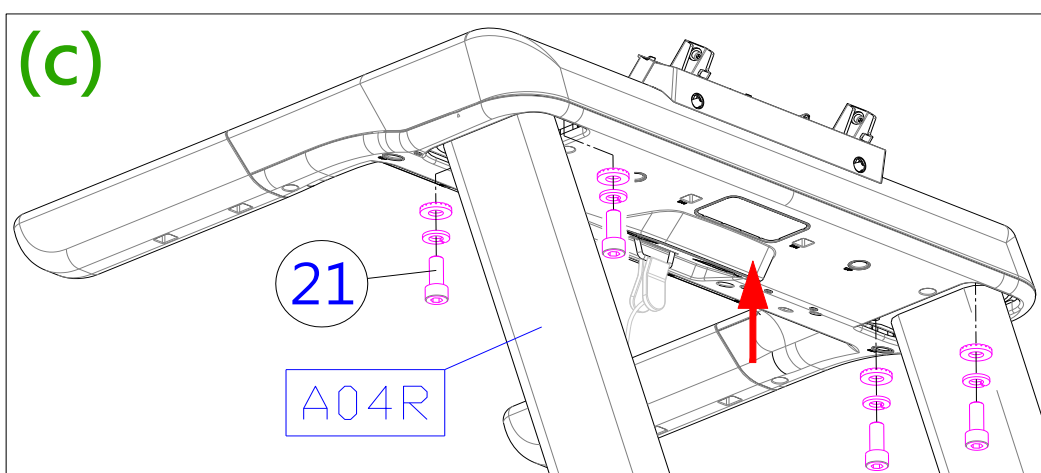
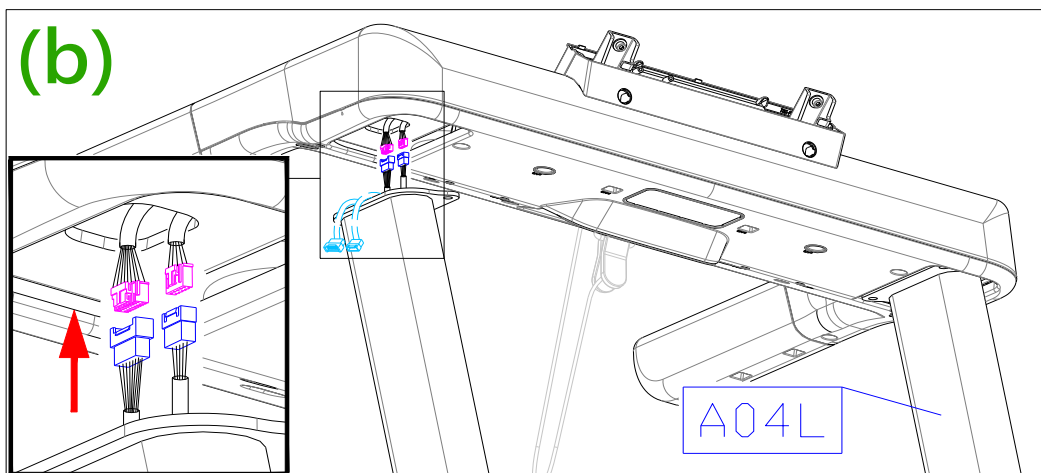
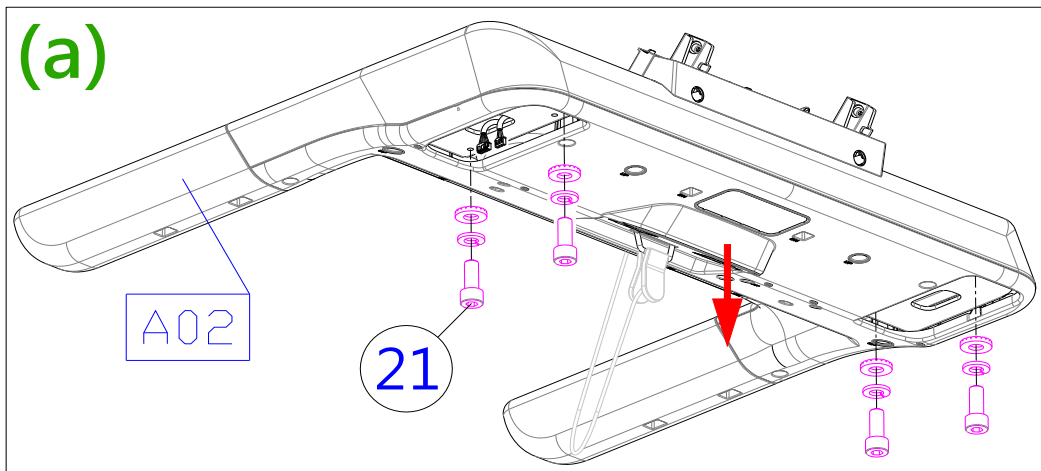
※ Note: Make sure the data cable is not pinched when installing the right pedestal (A04R).

※ Before installing the pedestal, the pedestal cover (A06) need to be pushed above the top of the motor cover. Also check whether the direction of the pedestal cover is correct.



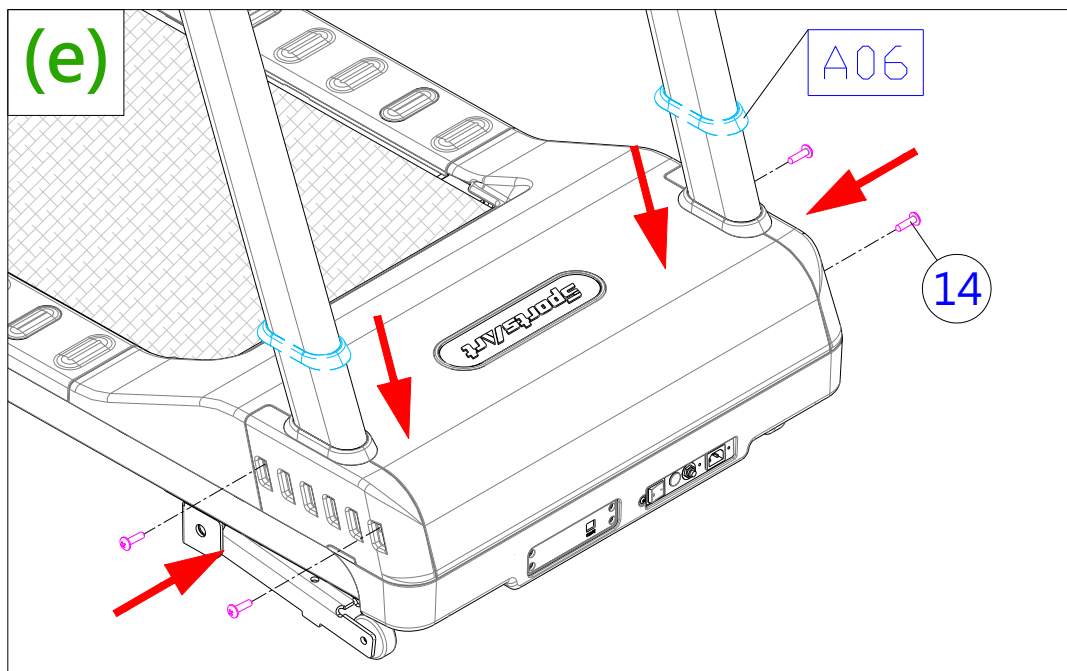
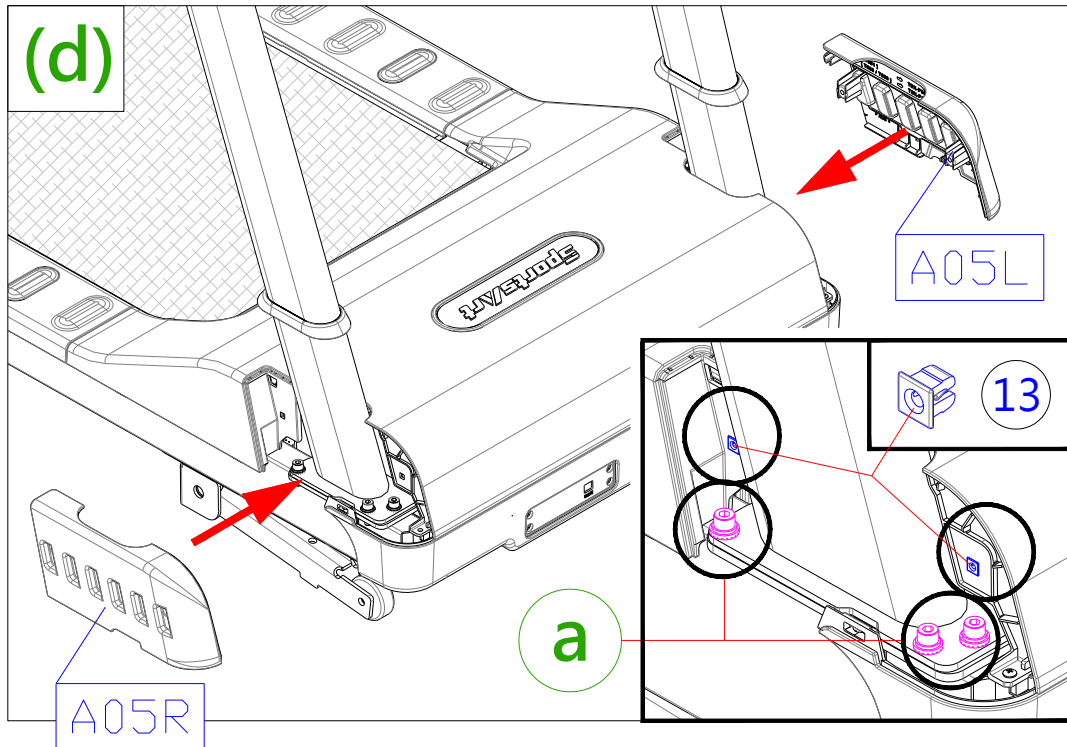
STEP 3 Handlebar Installation

- (a). Remove screws (21) from the handlebar (A02).
- (b). Attach the handlebar assembly (A02) to the left and right pedestals (A04L) (A04R), then connect the connector in the handlebar assembly (A02) to the data cable in the right pedestal (A04R) as shown.
- (c). Mount screws (21) in position. After all screws on the left and right pedestals (A04L) (A04R) were mounted in position, fully tighten all mounting screws to secure the assembly.
(Note: Make sure the data cable is not pinched.)



STEP 3 Handlebar Installation (Cont.)

- (d). After the handlebar assembly (A02) is secured, tighten the screws (a) on the left and right pedestals. Check whether the screw sockets (13) come off (there are spares in the hardware kit). Assemble the left and right side covers of motor (A05L) (A05R).
- (e). Secure the left and right side covers of motor with the screws (14), and press the pedestal cover (A06) down in place.

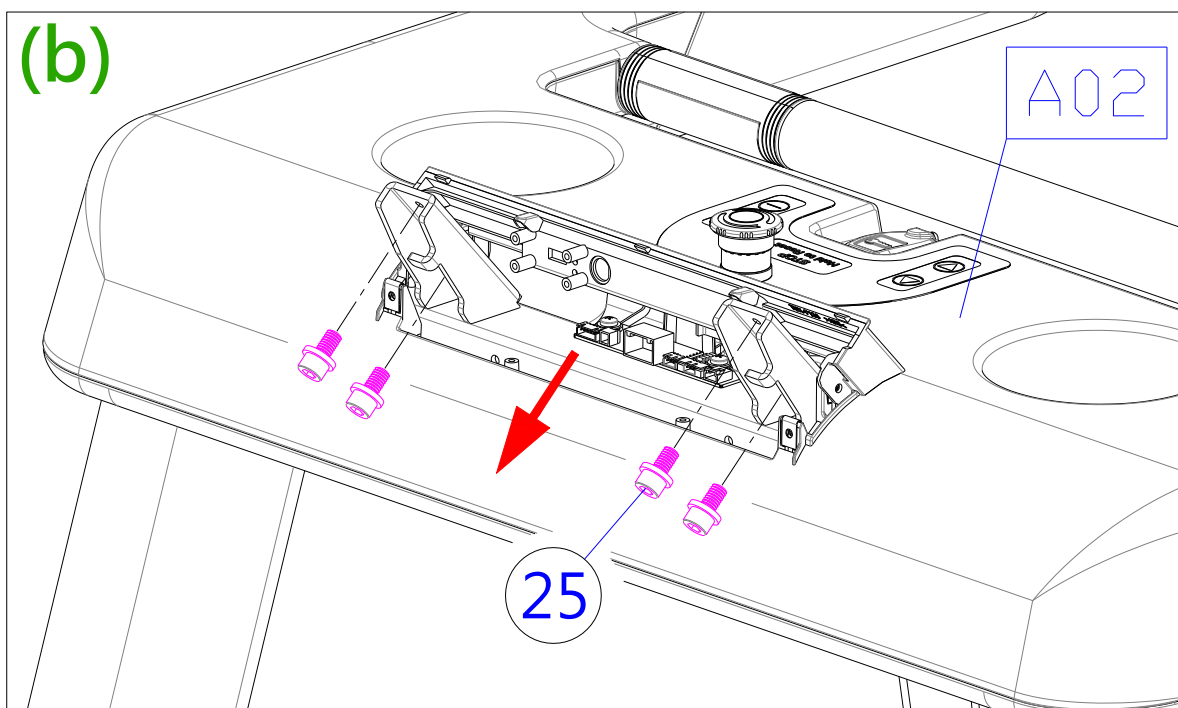
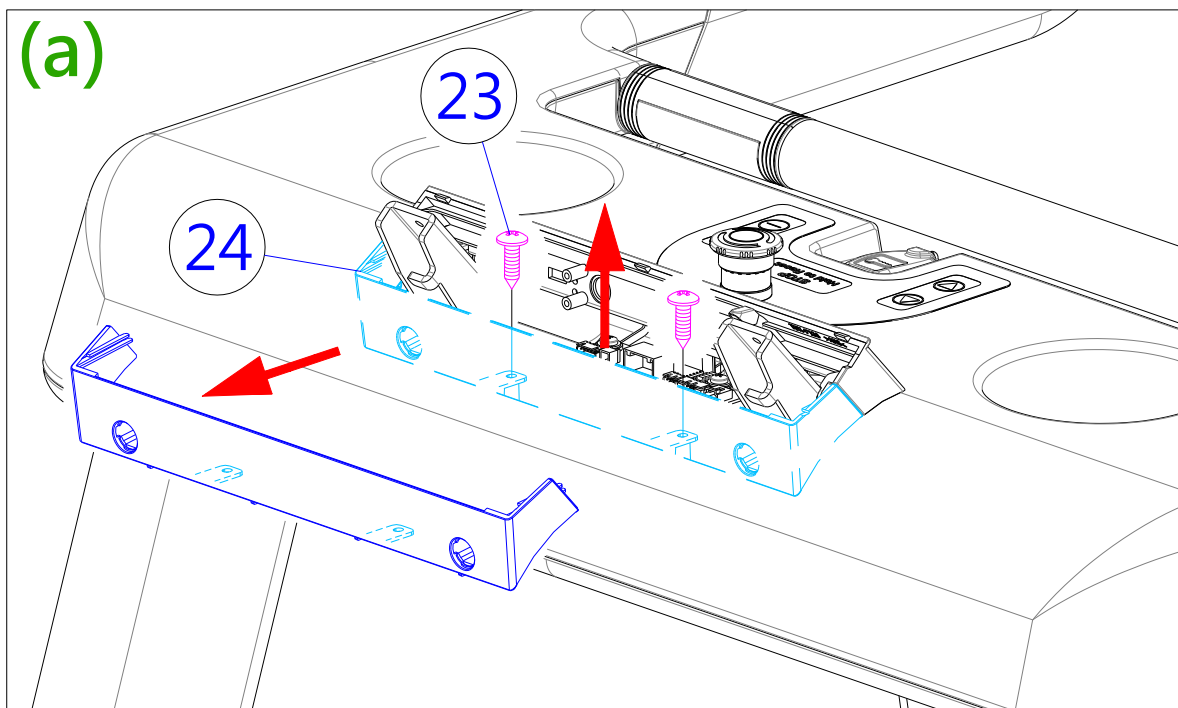


STEP 4 Display Panel Installation

(a). Remove the stand rear cover (24) and the screws (23).

(b). Remove the screws (25) from the handlebar assembly (A02).

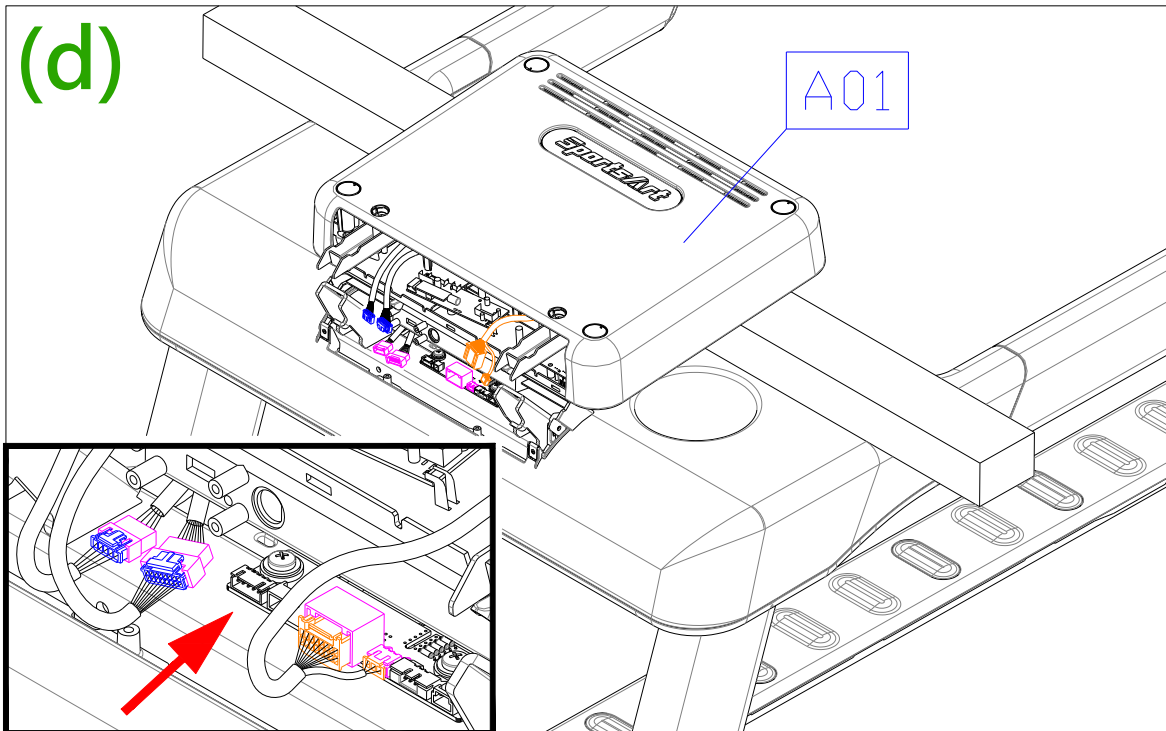
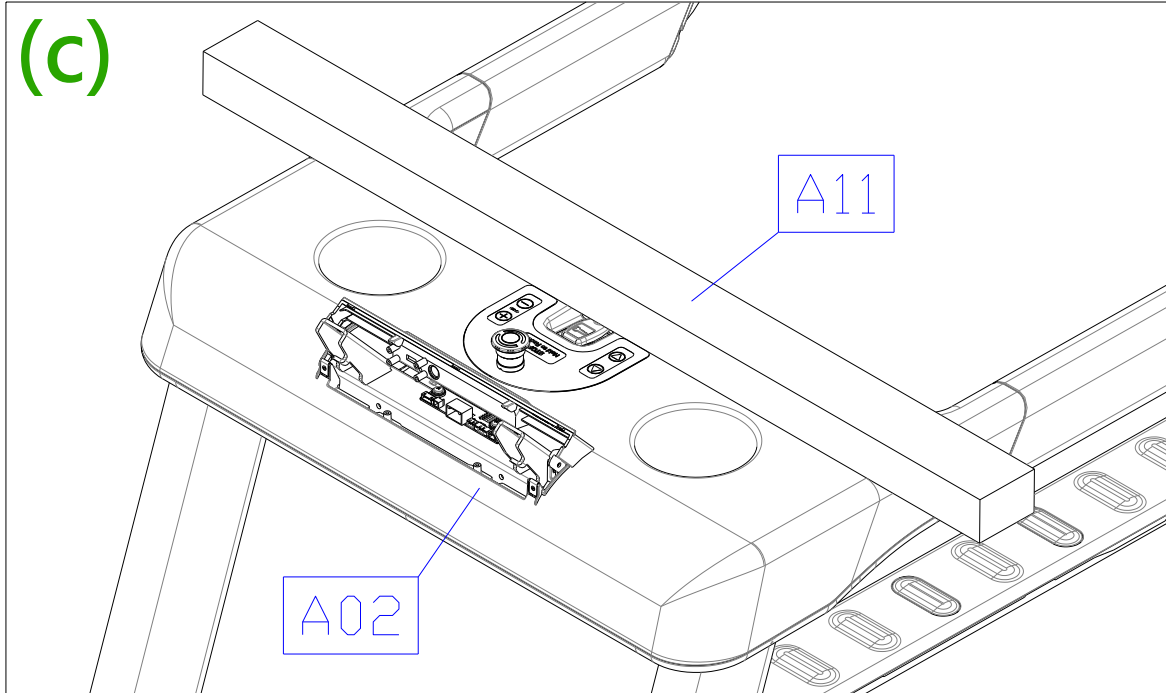
※ The purpose of removing the stand rear cover (24) is to install the data cable of the display panel (step (d)). If it can be installed without removing the cover, the steps (a) and (e) are not necessary.



STEP 4 Display Panel Installation (Cont.)

(c). Place the Styrofoam (A11) on the handlebar assembly (A02).

(d). Place the display panel (A01) with the back upward on the Styrofoam (A11) and the handlebar assembly (A02). Connect the data cable of the display panel (A01) to that in the handlebar assembly (A02).

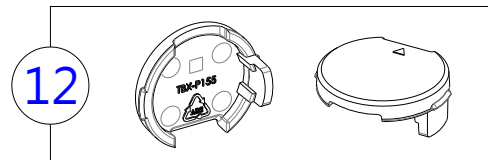
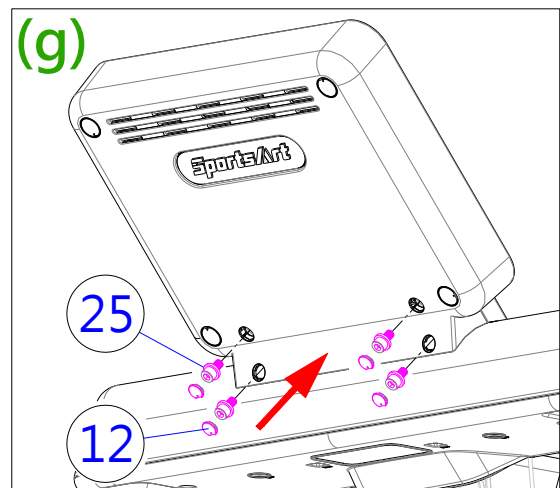
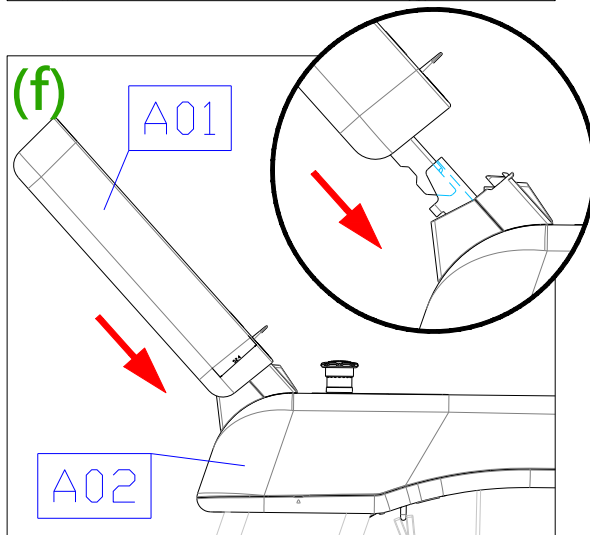
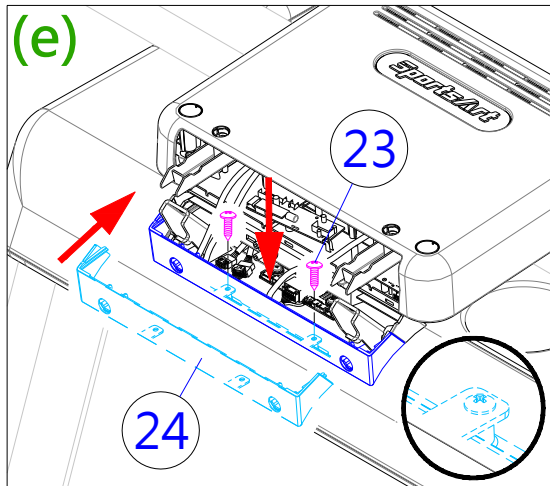


STEP 4 Display Panel Installation (Cont.)

(e). Reinstall the stand rear cover (24) and the screws (23).

(f). Insert the display panel (A01) into the handlebar assembly (A02).

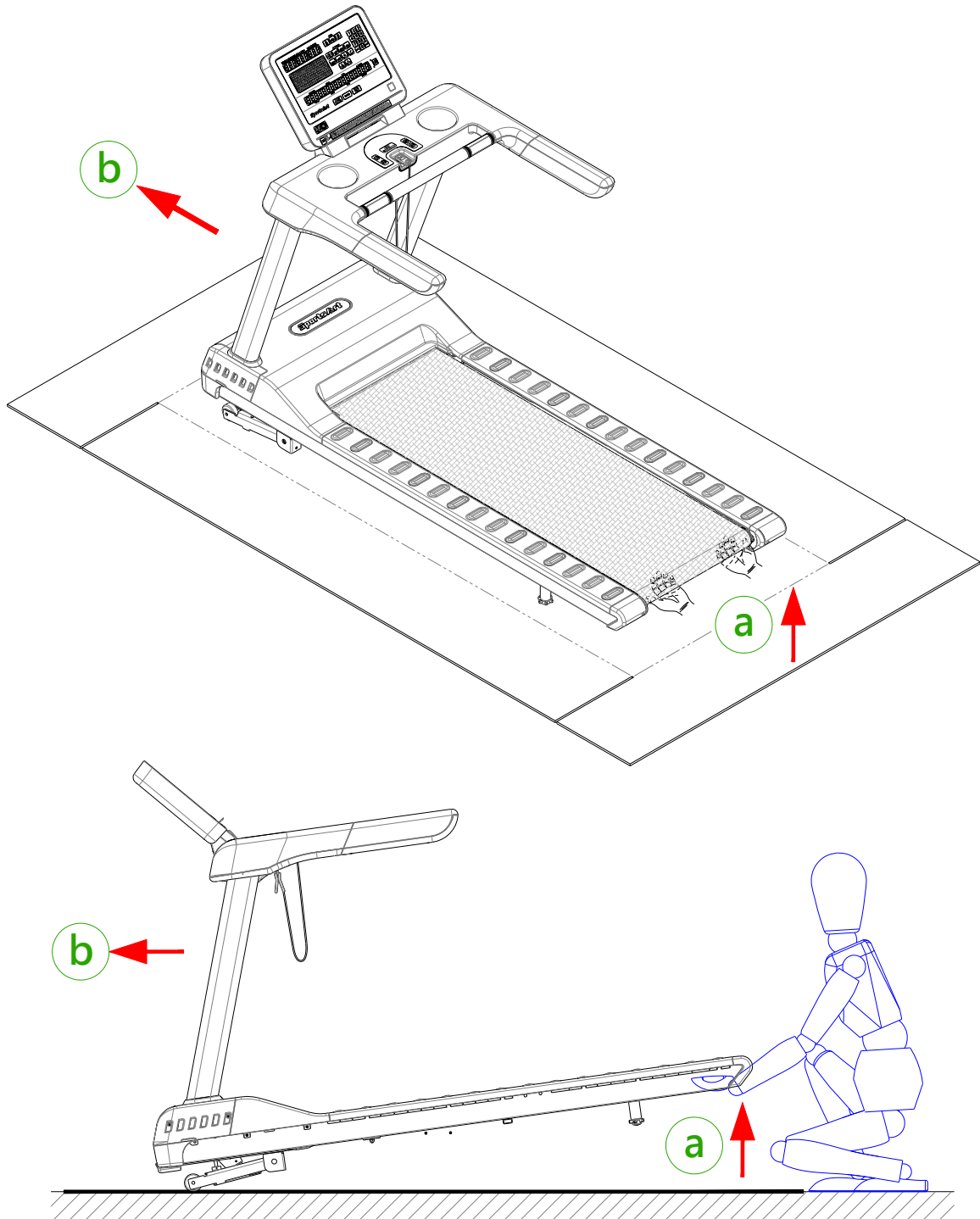
(g). Secure the display panel (A01) with the screws (25), and then install the cap nuts (12).



STEP 5 Move the Treadmill into Place for Use

Hold the rear of the walking deck in area A, and then lift the treadmill to roll it into desired position.

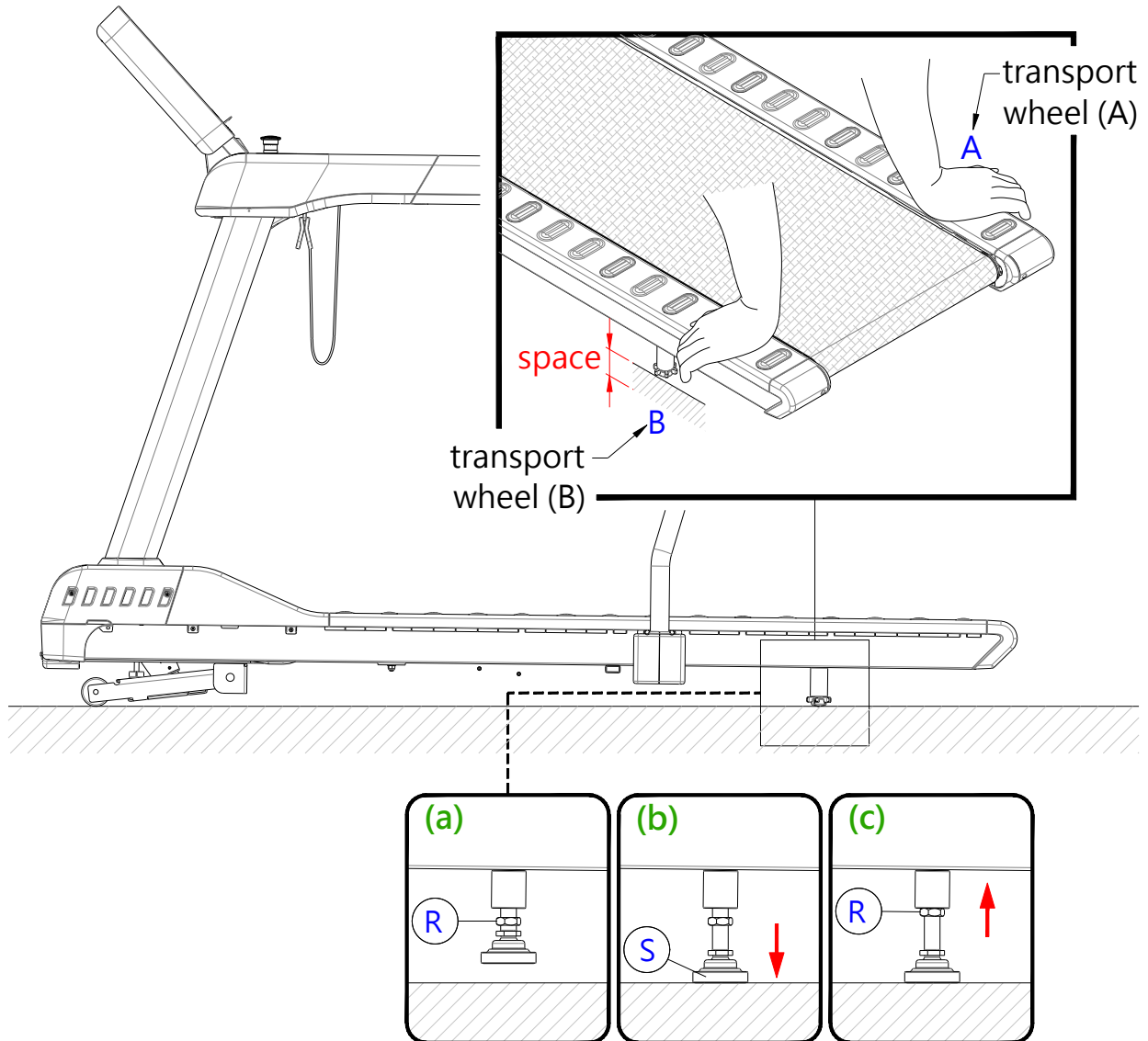
Warning: Do not place the treadmill on a thick carpet or rug as it may interfere with the walking belt. Place a wooden board on the carpet to keep carpet fibers out of the treadmill if unavoidable.



STEP 6 Level the Treadmill

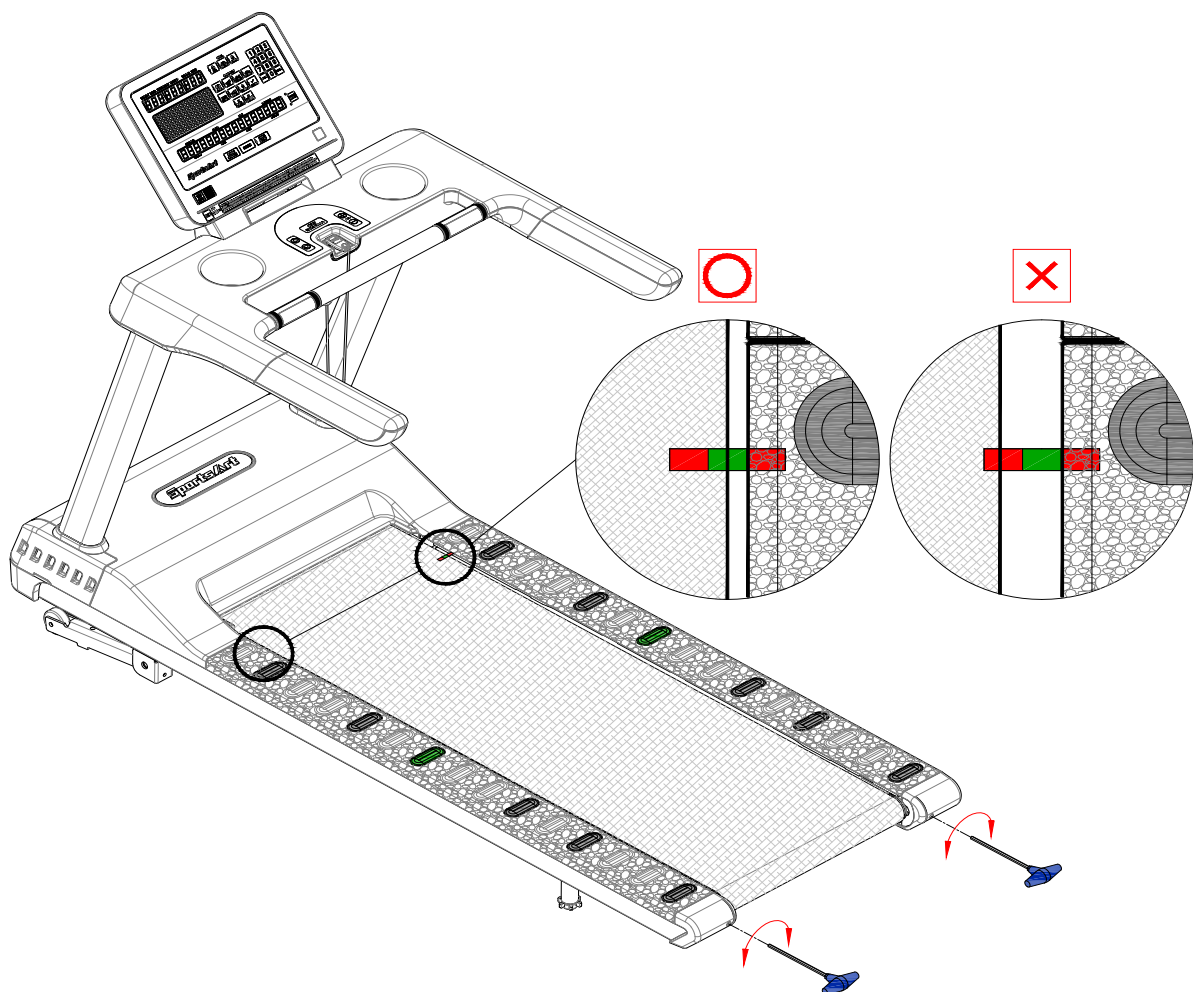
Press downward on the rear part of the treadmill as shown. Inspect whether the treadmill rests flat on the floor. If the treadmill wobbles, adjust treadmill levelers as follows:

- Loosen the leveler nut.
- Rotate the leveler foot downward until touching the floor.
- Rotate the leveler nut upward against the frame of the product to secure this position.



STEP 7 Align the Walk Belt

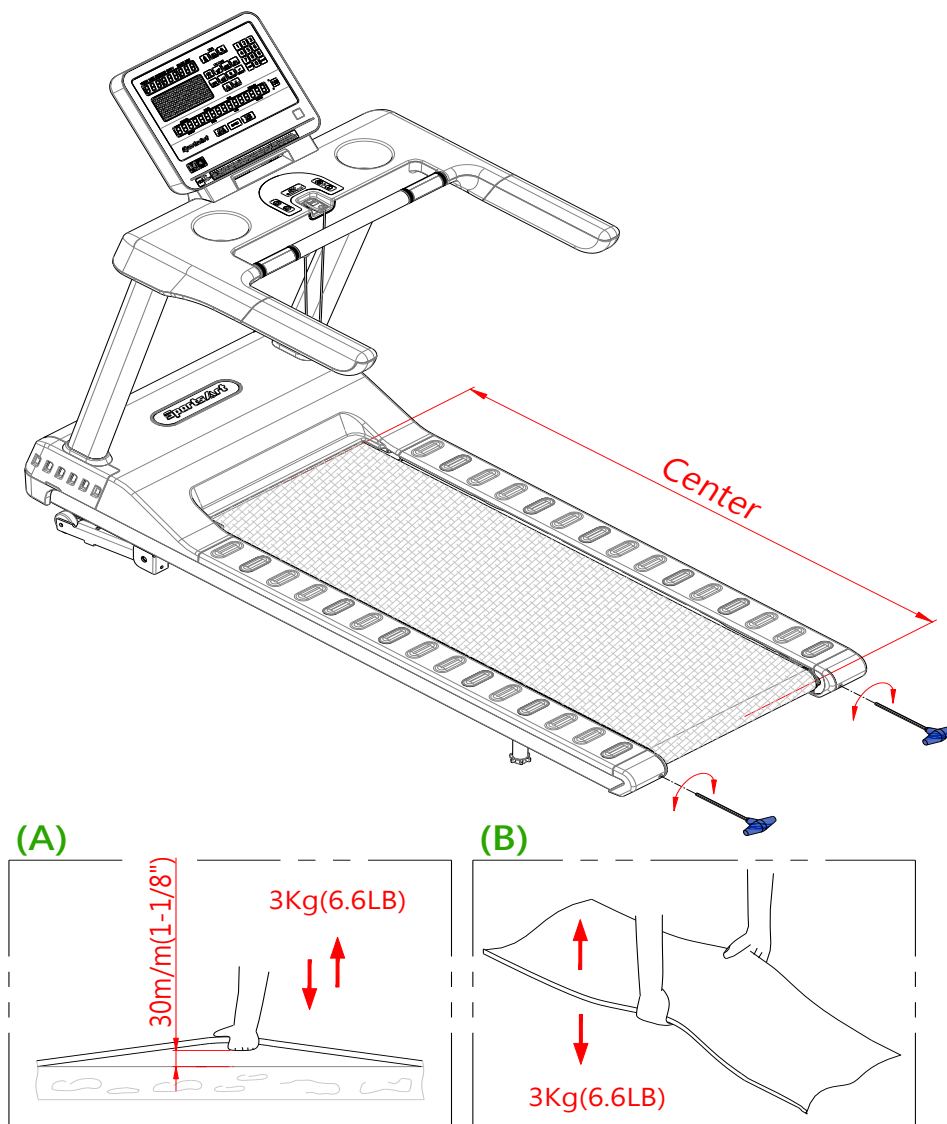
- (a). First, make sure the treadmill is on a level surface and the incline is at 0% .
 - (b). Start the speed at a lower rate of 3kph/2.5mph to check if the walk belt is aligned and if there is an equal amount of space between walk belt and side-rails on both sides. Remove the rear cover and turn the rear roller adjustment screw to adjust the walk belt if there is misalignment.
 - (c). Increase speed to greater or equal to 15kph to ensure the belt is aligned.
 - (d). Check if the walk belt falls in the middle of 2 green labels in the front of the deck. Just slightly off center is acceptable.
 - (e). Let the treadmill run for 2 min., and check if the walk belt has shifted off- center, if so, go back to step (d) for readjustments.
 - (f). Finish adjustment and walk belt is aligned.
- * Make adjustments as needed, but avoid turning rear roller screws more than one quarter rotation at a time.



STEP 8 Adjust the Walk Belt Tension

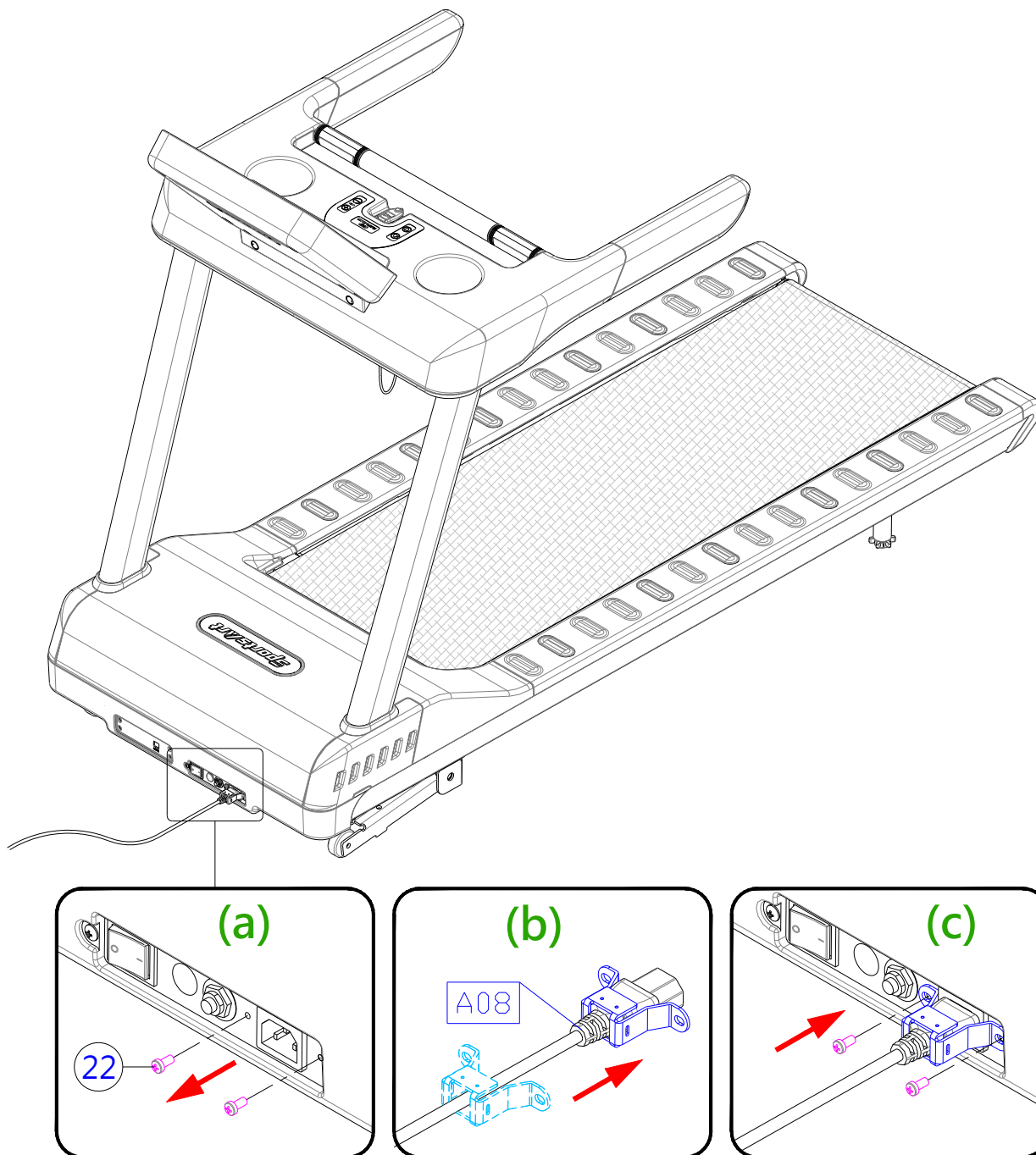
Walk belt tension is important to treadmill performance. As your foot hits the walk belt, does the walk belt stop sluggishly before regaining traction? Or, if you stomp your feet, bracing against the direction of rotation, does the walk belt not pause whatsoever? When either of these conditions occurs, walk belt tension should be adjusted. To further examine walk belt tension, lift both sides of the walk belt at the center of its length (shown in figure A & B below). The walk belt should rise 30m/m (about 1 1/8"). A hanging gauge, should measure the weight at 3Kg or 6.6lb.

Adjust the tension if it differs from this specification. If the walk belt is too loose, use a hex wrench to rotate rear roller screws one-quarter turn clock- wise at a time. If the walk belt is too tight, use a hex wrench to rotate rear roller screws counterclockwise one-half turn at a time. Test walk belt tension after each adjustment and repeat the process until the tension is right. Do not rotate the screw more than 720 degrees.



STEP 9 Power Cord Installation

- (a). Remove the screws (22) from the power connector on the product.
- (b). Insert the power cord plug (A08) into the connector on the product.
- (c). Use the screws (22) to secure the cover of the power cord plug into place.



5. UNDERSTAND LED DISPLAY PANEL

DISPLAY Overview

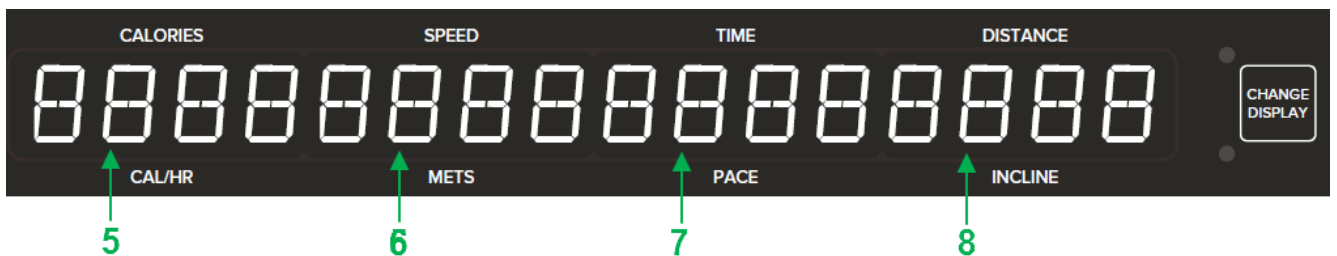
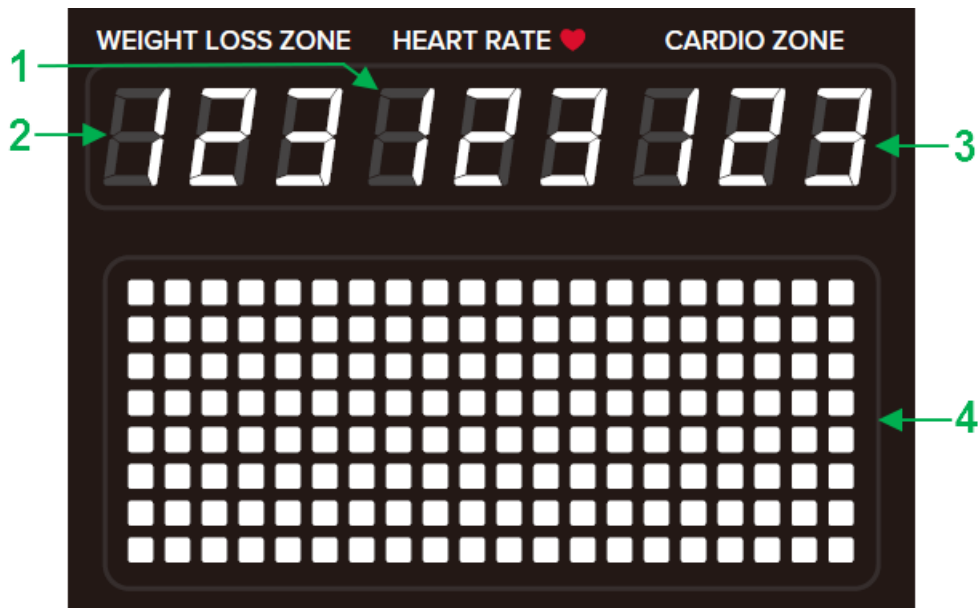
In this chapter, you will learn how to use and set up the console of your product. Please read the entire manual prior to using the product to get the best exercise efficiency and enjoy your workout.

DISPLAY Console Panel



No.	Description	No.	Description
1	Exercise Feedback Window	8	PAUSE/STOP/RESET key
2	PROGRAMS	9	SPEED +/- key
3	Numeric keys	10	Safety key
4	CHANGE DISPLAY key	11	QR Code 、 NFC tag
5	QUICK START key	12	USB port
6	ENTER key	13	SA WELL+ (Optional)
7	START key	14	INCLINE ▲/▼ key

DISPLAY Windows Display














No.	Description
1	Display the data of your heart rate value. (Displayed when BOTH HANDS hold on the sensor.)
2	Shows WT LOSS 65%.
3	Shows CARDIO 80%
4	Display the messages or the illustration.
5	CALORIES : Display the total calories of the workout or the remaining calories to exercise. CAL/HR : Display the Calories burned per hour.
6	SPEED : Displays the actual speed. METS : Displays the current MET.
7	TIME : Display the total time of the workout or the remaining time to exercise. PACE : Display the current pace.
8	DISTANCE : Display the total distance of the workout or the remaining distance to


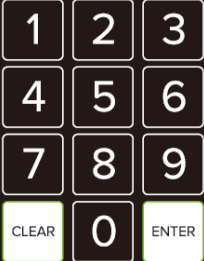



	exercise. INCLINE : Displays the current incline.
--	--

DISPLAY Specifications

Parameter	Spec.
SPEED	0.1 – 12.0 MPH or 0.2 – 20.0 KPH The machine will start at the system default setting speed of 0.1 MPH / 0.2 KPH.
INCLINE	0% – 15%, in increments of 1%.
HEART RATE	40 – 250 bpm
TIME	0:00 – 99:59 ; 100 – 9999 minute
DISTANCE	0.00 – 9999 Mile/Km (display maximum of 2 decimal places)
CALORIES	0 – 9999 K-CAL
PACE	1 /SPEED
CAL/HR	0 – 9999 K-CAL
METS	0.0 – 99.9
PROGRAM	MANUAL, HILL, INTERVAL, RANDOM, GLUTE, ZONE TRAINER, WT LOSS, CARDIO

DISPLAY Button Function

Illustration	Description
	Skips the setup, selections, and starts the treadmill immediately.
	Press this key to begin exercising after inputting user information.
	After the parameter settings are complete, press the key to confirm your selection.
	Press this key to enter Manual program. The notification LED will stay lit.
	Each time this key is pressed, the LED above the key will light up and one of three hill workouts will appear: HILL 1, HILL 2, HILL 3.
	Press this key to enter Interval program. The notification LED will stay lit.
	Press this key to select one of an almost endless number of randomly generated workout programs. Each key press, the console will randomly generate a different program. The notification LED will stay lit.
	Each time this key is pressed, one of two glute workouts will appear: GLUTE 30, GLUTE 45. Numbers represent time. Glute 30 is a 30-minute workout. Glute 45 is a 45-minute workout. The notification LED will stay lit.
	This is a heart rate control program. During exercising, press this key to lock current heart rate as the target heart rate to train on. The notification LED will stay lit.
	Press this key to enter WT LOSS program. uses the following formula to evaluate target heart rate: $(220-AGE) \times 0.65$. The notification LED will stay lit.
	Press this key to enter CARDIO program. uses the following formula to evaluate target heart rate: $(220-AGE) \times 0.8$. the notification LED will stay lit.

	<p>There are two rows of exercise feedback, only one of which is visible at a time.</p>
	<p><0~9> : Press these keys to directly input numeric values. <CLEAR> : When inputting setting values, press this key to delete previous setting values back to 0.</p>
	<p>Press <SPEED +/-> to increase or decrease speed setting in increments of 0.1Mph (Kph). Hold down <SPEED +/-> to adjust the speed value at a faster rate.</p>
	<p>Press <INCLINE ▲/▼> to adjust incline setting in increments of 1%. Hold down <INCLINE ▲/▼> to adjust the incline value at a faster rate.</p>
	<p>(1).During exercising, press this key to pause the treadmill and speed will return to 0. (2).During the pause mode, press this key to continue exercising. (3).Under any circumstance, hold this key for two seconds to reset the unit and return to the startup banner screen.</p>

6. OPERATE THE PRODUCT

OPERATION Guidelines On Safety Mechanism

The unit is equipped with a safety key so that one can immediately stop the belt and shut off the unit to prevent accidents from happening.

The flashing key sign shown on the display indicates that the safety key has been removed and the unit will not start again until it has been reinserted.

(a). Stop button: Press the stop button shown in figure (a) to stop the device.

To restart the device, please follow the standard operating procedure.

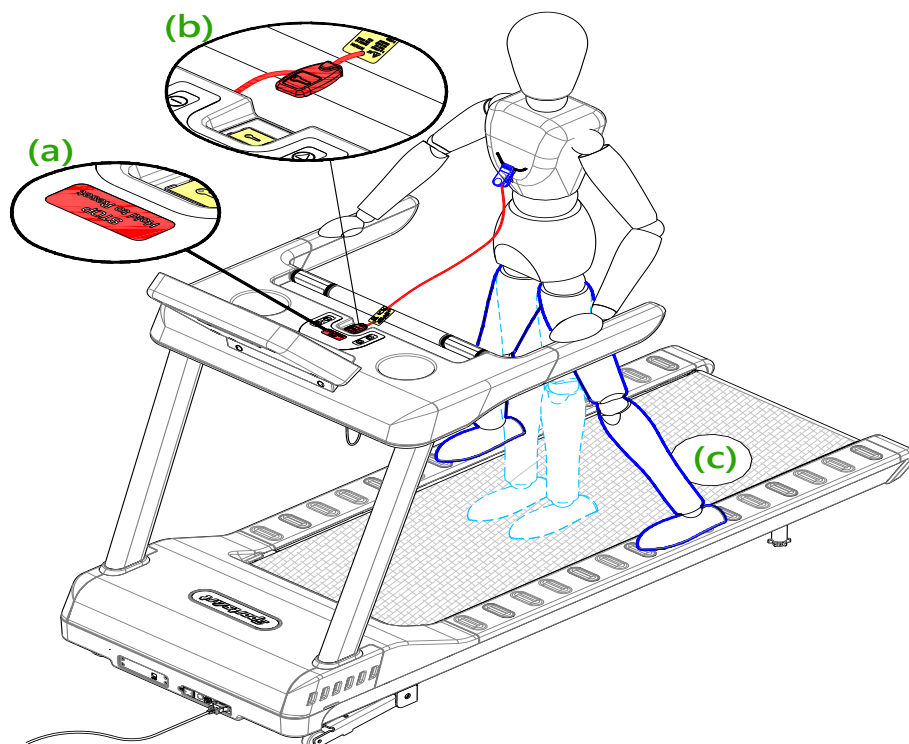
(b). Safety key: Simply pull the safety key as shown in figure (b) and the treadmill will come to a halt. To start it up again, just attach the key and you are back up and running again.

(c). Emergency dismount: Hold on to railing and stand astride the treadmill belt as shown in figure (c). Step off the treadmill when it stops running.

(d). Noise emission under load is higher than without load.

(e). In the 40 dBA ambient noise environment with the treadmill going without load, the noise level will reach 75dBA at 1m/1.3m height above the device. (The noise level depends on the treadmill speed)

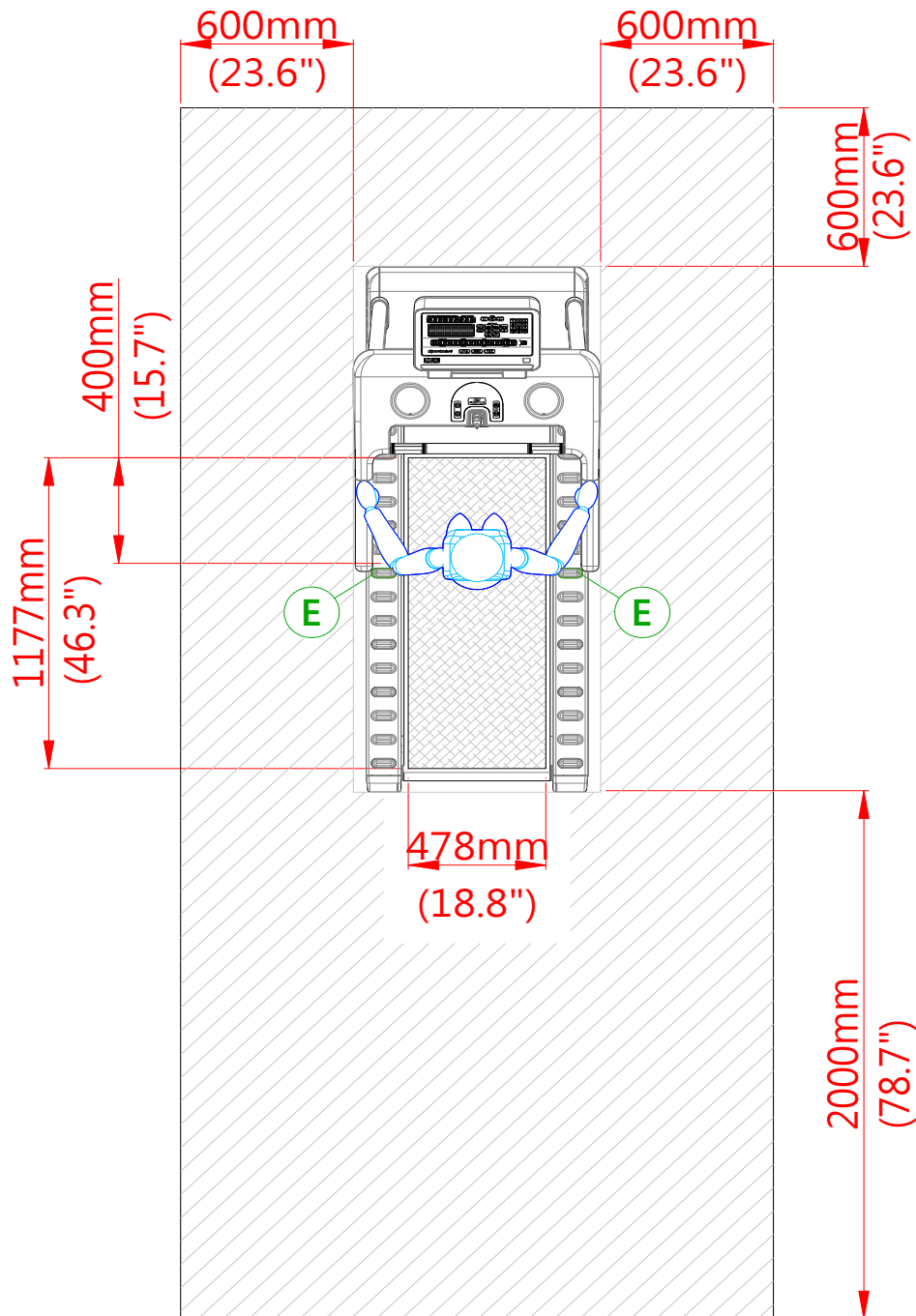
(f). Poor position during workout or over-exercising can lead to injuries. Please read the basic precautions before using the unit.



Once the safety switch pull cord is pulled up, the screen will display "SAFETYKEY".
The machine will recover its start-up screen after the safety switch is put back to the correct position.

OPERATION Safe Operating Area

- (a). Safety clearance required as shown below. Do not allow people to be near this area when operating.
- (b). The stationary handlebars are to provide assistance when not exercising. Do not hold it as support while exercising.
- (c) Make sure to stand on the center of the running belt where are marked with green round labels at area E while exercising.
- (d) The area of the running surface is marked with the slash pattern as shown below.

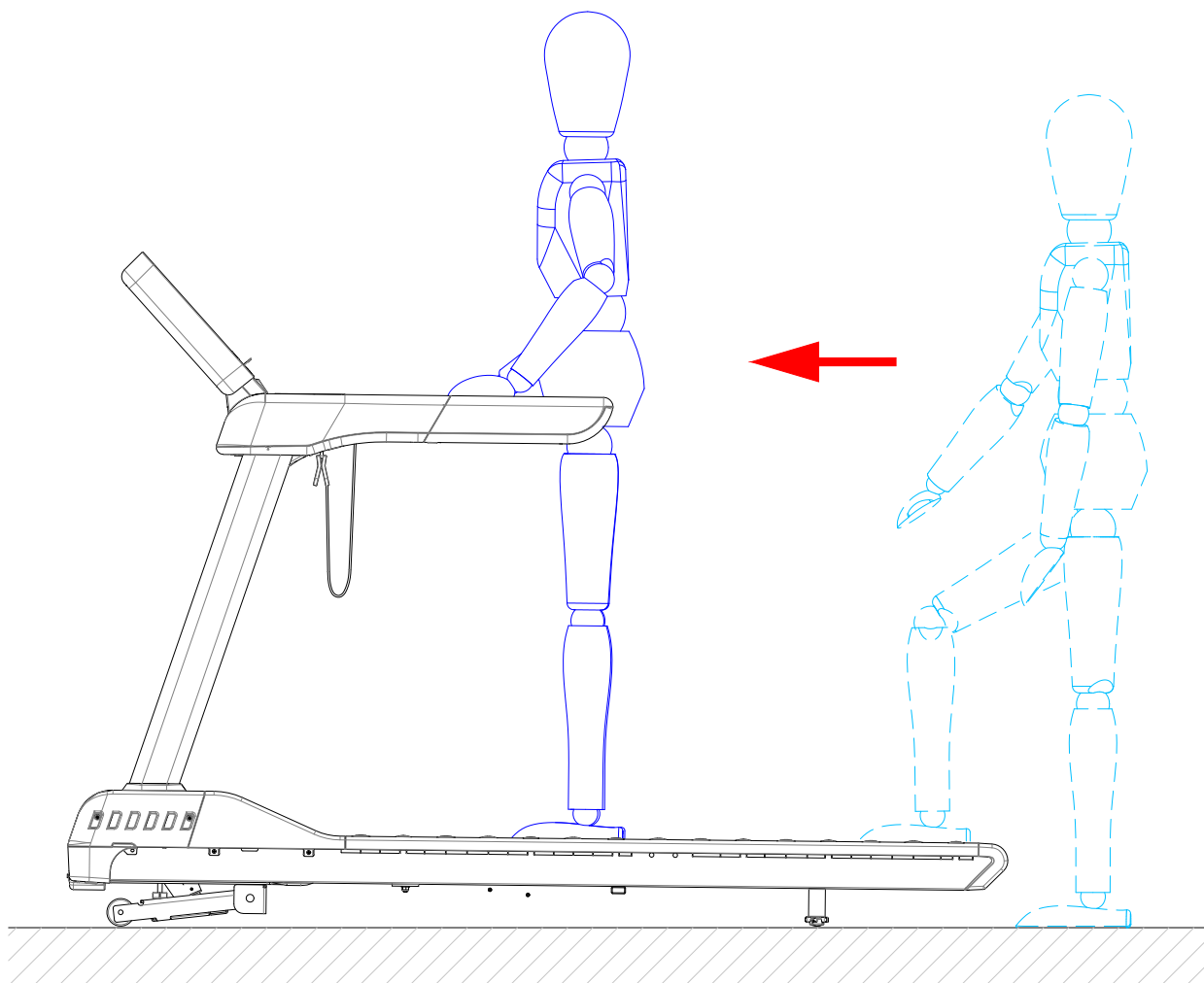


OPERATION Get On And Get Off The Treadmill

Please hold the handrails and step on the landing strips on both sides if you encounter danger during operation or if the speed is already too high.

Get on the treadmill: To mount a treadmill properly, use the handrails to balance while you step onto the sides, straddling the belt. Step onto the belt before start exercising.

Get off the treadmill: Always wait for the belt to come to a complete stop before dismounting the treadmill.



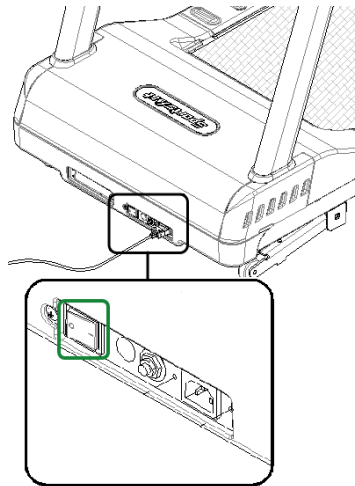
7. PANEL THE PRODUCT

OPERATION Start Screen

1. For safety reasons, make sure the safety key is properly clipped onto your clothes before operating treadmill.

【For usage, please refer to 6. Guidelines On Safety Mechanism for OPERATE THE PRODUCT.】

2. Turn on the power switch of the machine (picture below). After started, you will hear the BEEP sound and see the start screen. "SPORTSART-T661".



OPERATION Quick Start Mode

Press <QUICK START> key or the <SPEED +> key to unlock the walk belt. After counting down from three, and the display will show "TREAD STARTING", the walk belt will start moving.

When starting exercise, the treadmill will start in MANUAL mode and will use the default values (35y/o, 75kg/165lb, 0.1mph /0.2kph) for calculations.

QuickStart programs, which include manual, interval, hill and random, can be activated via the quick start mode.

Custom programs, which include glute, weight loss, and cardio conditioning, can only be activated via the start key.

OPERATION User Setting Procedure

The product measures your calories burned (based on weight), target heart rate (based on age), total time, and total distance based on your personal information that you have entered.

1. User ID Selection

This function can be turned on or turned off.

【For usage, please refer to 7. User Parameter Setting for PANEL THE PRODUCT.】

When USER ID is turned off, it will directly enter the age setting.

When USER ID is turned on, the accumulated time, distance and calories value of each exercise will be stored in the USER ID you selected.

(a). After the <START> key is pressed, the most recently activated user ID will appear, the accumulated workout record for that user will appear.

CALORIES				SPEED				TIME				DISTANCE				
x	x	x	x					x	x:	x	x			x	x.	x

There are a total of four sets of USER IDs to choose from, and the default ID names are 1~4.

Press <INCLINE ▲/▼> key or numeric keys <1-4>, to select a different user ID.

Press the <ENTER key> to confirm your choice.

Hold the <CLEAR> key for 3 seconds to Clear accumulated exercise data.

(b). You can personalize your user ID, substituting up to 11 alpha-numeric characters, for the user ID number.

(b-1). To do so, first create a user ID number, as explained above. While that user ID number appears, press and hold the <CHANGE DISPLAY> key for three seconds. A scrolling message will appear:

“PRESS INCLINE ▲/▼ TO INPUT NAME, PRESS ENTER”.

(b-2). Hold the <CHANGE DISPLAY> key to modify a user name, while the name appears.

Toggle from one alphabetical character/numeral to another by pressing

<INCLINE ▲/▼> key. When your preferred character or number appears, press the <ENTER> key to confirm your selection.

(b-3). Proceed in this way until you have completed your user ID name. Then hold the <ENTER> key for three seconds to commit that name to the display memory.

(b-4). To delete a user’s workout record, while that user ID appears, hold the <CLEAR> key for three seconds.

2. AGE Setting

The range is 10 - 99 years old with the default of 35 years old.

Press <INCLINE ▲/▼> key or numeric keys to adjust the age.

Press <ENTER> key to confirm the age setting and proceed to weight settings.

3.WEIGHT Setting

The range is 50 lb (20 kg) - 400 lb (180 kg) with the default of 165 lb /75 kg.

Press <INCLINE ▲/▼> key or numeric keys to adjust the weight.

Press <ENTER> key to confirm the weight setting and to start exercise.

4.SELECT PROGRAM

Press <PROGRAM> key and then press <ENTER> key will take you to the setting workout goals.

5.WORKOUT GOAL Setting

The following prompt appears: "TIME-1 OR DIST-2". Select one of the following options to set as your target goal.

(a).Setting a TIME workout goal

Press <ENTER> or <1> key to select TIME as your workout goal. The range is 5 - 99 minutes with the default of 30 minutes.

Press <INCLINE ▲/▼> key or numeric keys to adjust the time.

Press <ENTER> key to confirm the time settings.

(b).Setting a DISTANCE workout goal

Press <2> key to select DISTANCE as your workout goal. The range is 0.1 - 99.9 miles/kilometers with the default of 2 miles/3 kilometers.

Press <INCLINE ▲/▼> key or numeric keys to adjust the calories.

Press <ENTER> key to confirm the distance settings.

6.Press <SPEED +> key to unlock the walk belt. After counting down from three,and the display will show "TREAD STARTING", the walk belt will start moving.

OPERATION Workout Programs

You can choose the desired program from the PROGRAM menu. The following information provide details about the programs.

There are two groups of workout programs: Quick start programs and Custom programs.

Quick start programs include manual, interval, hill and random. These programs can be activated via the quick start mode and via the start key.

Custom programs include glute, zone trainer, weight loss, and cardio conditioning. Custom programs can only be activated via the start key.

MANUAL:

This program allows you to manually control speed and incline.

HILL:

This program simulates hill running. There are 3 types of choices: HILL1, HILL2, and HILL3.

INTERVAL:

This program includes alternating periods of high-intensity(work) aerobic exercise with low-intensity(rest) exercise.

- 1.This is a custom interval program, so total time must be established, followed by work and rest segment time, incline, and speed settings.
- 2.Display: "ENTER TOTAL TIME" and "TIME: XX:00".
Press <INCLINE ▲/▼> key or numeric keys to adjust total time.
Press <ENTER> key to confirm total time settings.
- 3.Similar instructions appear for rest time, incline, and speed, and for work time, incline, and speed. At each prompting, press <INCLINE ▲/▼> key or numeric keys to adjust. Then press the <ENTER> key to confirm your choices.
- 4.You can initialize the resistance to your own preference at either exercise stage (REST or WORK), the system will memorize your preference for later use.

RANDOM:

This program generates graphic patterns during workout randomly.

GLUTE:

These two incline-based workouts are designed to exercise the glute muscles. In this mode, one of two workouts, either GLUTE 30 or GLUTE 45.

ZONE TRAINER / WT LOSS / CARDIO:

These programs take control of speed and incline, keeping your heart rate within the target zone.

- 1.The target heart rate for each program:

(a).ZONE TRAINER: your current heart rate.

(b).WT LOSS: $(220-AGE) \times 65\%$

(c).CARDIO: $(220-AGE) \times 80\%$

- 2.Set maximum speed:

When "MAX SPEED" pop-up appears, enter the max. speed.

Press <INCLINE ▲/▼> or <SPEED +/-> key or numeric keys to set the speed.

Press <ENTER> key to confirm your setting.

3.Heart rate control program:

- (a).The starting speed is 0.1MPH / 0.2KPH, and then it gradually increases during your workout. Once reaching the MAX SPEED, the system will adjust the incline of the treadmill accordingly to keep heart rate within the target zone.
- (b).You can adjust the MAX SPEED at any time during your workout by pressing <INCLINE ▲/▼> or <SPEED +/-> key, or simply type the numbers using the keypad.
- (c).Not entering HRC control program: heart rate < (target heart rate – 10) bpm. Time is the count up
- (d).Enter HRC control program: heart rate >= (target heart rate – 10) bpm, you will hear the BEEP sound and display “HEART RATE CONTROL STARTING”. The time starts counting down from the set value.

4.During exercise, If no heart rate signal detected after starting the workout, the words “NO HEART RATE READING , PLEASE CHECK TRANSMITTER” will pop up on the screen, the speed will be reduced to its minimum value, and the incline of the treadmill can only be adjusted manually.

OPERATION During Exercise

During exercise, you can switch to a different program(MANUAL 、 HILL 、 INTERVAL 、 RANDOM) using the same WORKOUT GOAL(TIME/DISTANCE) by pressing a different program key.

OPERATION Cool Down

If your fitness goals (time/distance) have been reached, the words “COOL DOWN” will pop up on the screen, the walking belt will then slow to a stop , and the treadmill will gradually return to 0% grade for your two-minute cool down walk and end your workout session.

OPERATION Pause/Stop Exercise

- 1.When <PAUSE/STOP> key is pressed during workout, program is suspended, and the word “--PAUSED--” will pop up on the screen. Press < SPEED +> key to bring the running belt movement back to the speed at which the treadmill was paused.
- 2.During pause mode, press <PAUSE/STOP> key again to enter review summary mode
- 3.When no operations are in progress, the machine will go back to start screen.

OPERATION Workout Summary

During pause mode, press <PAUSE/STOP> key to end your workout or finish the cool down period, the word “REVIEW SUMMARY” will pop up on the display and your workout summary will be shown for 30 sec. Press <PAUSE/STOP> key again to return to the start screen.

OPERATION User Parameter Setting

Hold the <CHANGE DISPLAY> key for 3 seconds to enter the user parameter setting procedures; hold the <PAUSE/STOP> key for 2 seconds at any time to return to the start screen.

Please refer to the following setting procedures:

1.Metric System / Imperial Units Setting

The window will display “UNIT - KPH” or “UNIT - MPH”, press <INCLINE ▲/▼> key to select the metric system or the imperial units, then press <ENTER> key to confirm your setting and go to the next step.

2.Turn on/off the USER ID function

The window will display “USER ID-OFF” or “USER ID-ON”, press <INCLINE ▲/▼> key to turn on/off the USER ID function, press <ENTER> key to confirm and go to the next step.

3.Display the Mileage

The window will display “DIST-xxxxxxKM” or “DIST-xxxxxxMILE”, press <ENTER> key and go to the next step.

4.Display the Total Time

The window will display “TIME-xxxxxxHOUR”, press <ENTER> key and go to the next step.

5.Display the control board program Version

The window will display “CTL T661H-xx”, press <ENTER> key and go to the next step.

6.Display the drive board program Version

The window will display “DRV TR21DRV-xx”, press <ENTER> key and go to the start screen.

OPERATION Features

1.USB PORT

Provides up to 5V, 1A of power for charging

2.QR code and NFC tag

Without SA WELL+ : Scanning the QR code and tapping the NFC tag will only display the SPORTSART website.

8. ABOUT HEART RATE DETECTION

Heart rate detection functions are selected at the time of purchase. Not every product has every type of heart rate detection. The following explains factors that influence the performance of two of the most common types of heart rate detection devices.

HEART RATE Telemetry

The words “telemetry heart rate” refer to the detection of heart rate via a device worn on the exerciser and transmitted over the air to a circuit board built into the product. Telemetry heart rate devices are commonly worn on the exerciser’s chest, where the pulse is strongest and relatively easy to detect.

The following explains conditions that affect the performance of the telemetry heart rate function in all products.

- The telemetry heart rate transmitter emits a wireless 5 kHz signal that is harmless to the human body. Keep a distance within 60cm between the heart rate receptor and the transmitter to achieve stable connection.
- If the battery is too low, the receiving distance may be shortened or there will be no reception.
- Secure the telemetry heart rate transmitter on your chest so that it stays in place without making you feel uncomfortable. Moisten the skin for better contact.
- Because the telemetry heart rate signal varies in strength from 20 Hz to 20 KHz, environmental interference can block signal reception. Physical vibration and electronic devices, including stereos, TVs, and even fluorescent lights, can interfere with signal reception. For best results, install the product in an area free from such interference.
- Space the product apart by at least 39 inches (100 cm) to avoid having the heart rate value from one exerciser appear on a neighboring product.

HEART RATE Contact

The words “contact heart rate” refer to the detection of the heart rate via sensors on the product. By holding the sensors, the exerciser can view his or her heart rate on the product display. Like telemetry heart rate, contact heart rate can be influenced by several factors.

The following list includes some of these factors.

- A weak pulse makes it difficult to detect heart rate.
- Low systolic blood pressure makes it difficult to detect heart rate.
- Dry, course palms impede heart rate detection. For best results, moisten your palms. But do not apply hand lotion immediately prior to your workout, because hand lotion can gum up the contact pads.

Heart rate devices built into this product are not medical devices. Heart rate values are for reference only. Do not use them for medical diagnostic or treatment work.

CAUTION: Heart rate detection and transmission devices have been known to interfere with the operation of pacemakers, possibly endangering human life. If you have a pacemaker, exercise under your doctor’s supervision; take a test to ensure your safety during the simultaneous use of the pacemaker and heart rate detection devices. The use of such devices must be undertaken at your own risk.

Note that in dry areas in particular, static electricity can interfere with unit operation and shock people. To discharge static electricity from your body, touch something else before touching metal on the product.

9. GUIDELINES FOR EXERCISE

HOW HARD SHOULD I EXERCISE?

Studies show that to benefit from aerobic exercise, people need to maintain a certain heart rate during their workouts. Your heart rate training zone depends on your age and fitness level.

The darkened area in the chart to the right represents the recommended heart rate training zone for people of various ages. It was calculated by taking 220 minus age in years, multiplied by 65% and 80%. The area between those values is the heart rate training zone.

CAUTION: Heart rate training zones are generalizations and may not suit every person.

Always check with your physician to understand what heart rate goal would be appropriate for you.

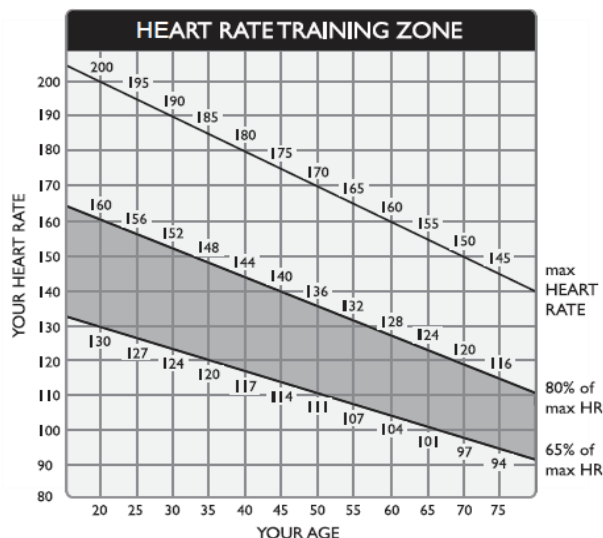
HOW LONG SHOULD I EXERCISE?

The duration of your workout must depend on your fitness level. In general, it is recommended that you maintain a heart rate within your training zone for at least 15 to 20 minutes to experience the benefits of aerobic exercise. Beginners should always start out slowly and gradually increase the duration and intensity of their workouts. As your fitness level improves, you will be able to maintain a heart rate within the training zone for longer periods of time.

When you begin your workout, use the first several minutes to warm up. Then slowly increase the intensity of your workout to bring your heart rate into your training zone. At the end of your workout, gradually decrease your workload. Then exercise lightly to cool down.

HOW OFTEN SHOULD I EXERCISE?

Research indicates that to achieve the greatest benefit, people should exercise three to five times per week. It is important to allow sufficient time, at least 24 hours, for your body to recover after exercise.



10. MAINTENANCE

MAINTENANCE Safety Precautions

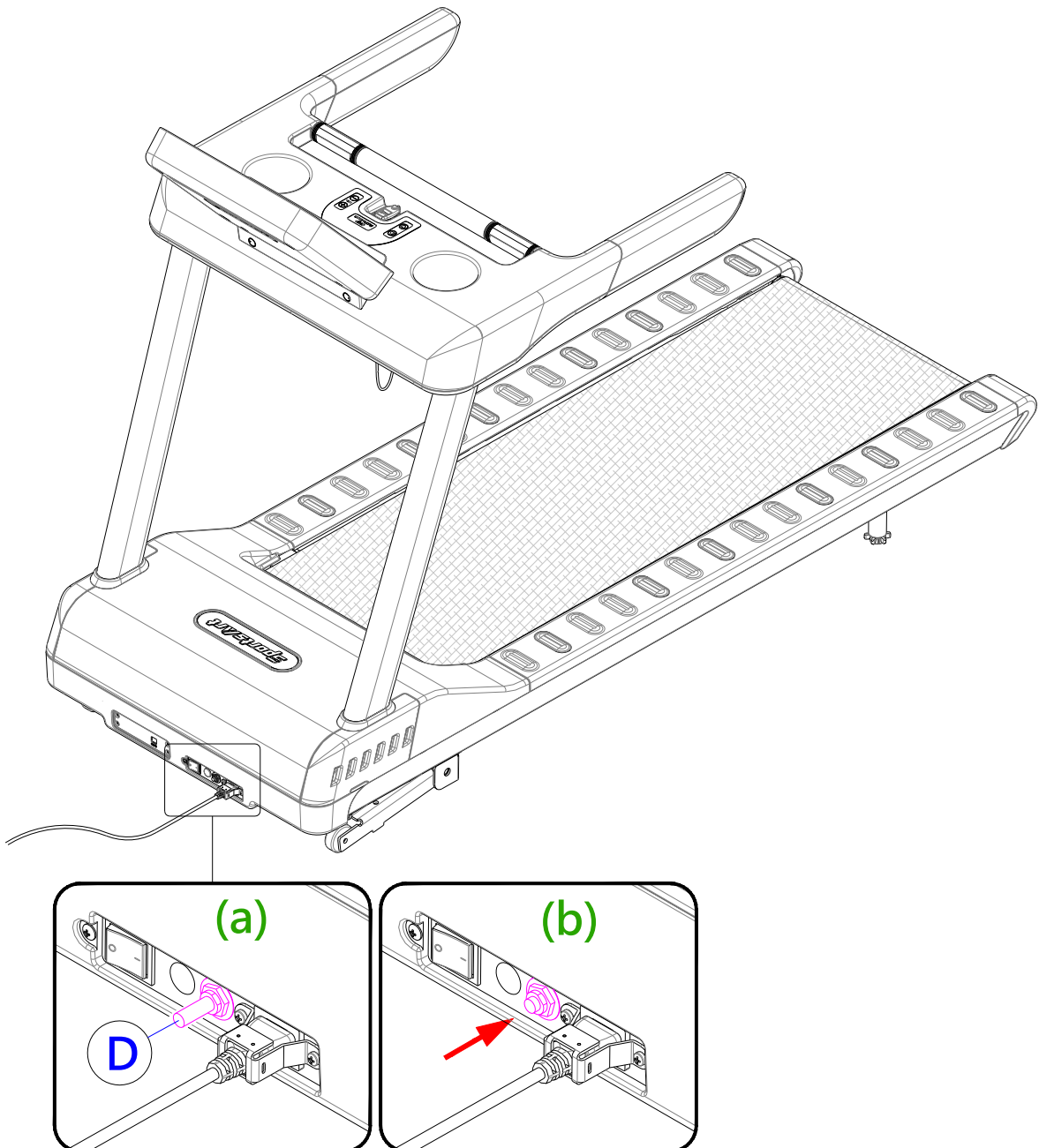
- Please follow standard safety precautions when servicing on this product.
- Do NOT use a damp towel to clean the product but do perform the following maintenances.
- Do NOT use cleaners with alcohol, ammonia, or other damaging chemicals. The use of such chemicals can damage the product and void the warranty. Never spray or pour any liquid directly onto the product. Doing so can damage electronic components and void the warranty.
- Use a clean, lint-free towel, dampened with a mixture of Simple Green® all-purpose cleaner, to thoroughly clean the handlebar and the console.
- This product has moving parts that can be hazardous. Exercise caution when maintaining, operating, or moving this product.
- Do not use accessories or parts that are not specifically recommended by the manufacturer (SportsArt) . Such parts might cause injuries or cause the unit to fail and void the warranty. We will not be responsible for any safety issue that arises due to the misuse of accessories or parts. At the same time, we will terminate the warranty terms of this equipment.
- Maintenance and repair must be performed by trained service personnel only. Improper maintenance would not only damage the machine, but also may present a danger to the exerciser.
- Keep this product out of use until maintenance is completed.
- The unit shall be disconnected from its power source during service and when replacing parts.
- If you need to remove the cover for repair or maintenance, be sure to contact the service station or dealer to deal with, do not operate on their own.
- Electronic components can carry an electrical charge even after the product has been turned off. For safety, turn off unit power. Wait five minutes to allow capacitors to discharge. Then disconnect the power cord from the wall socket (if applicable.) Only after such steps have been completed should covers be removed and electronic components accessed.
- Unplug the product and wait ten minutes before performing maintenance.

MAINTENANCE Circuit Protection

When there is an overload circuit, the round button will trip to disconnect the supply automatically, shown as point D in figure below. Wait 5-10 minutes before pressing the button.

If an abnormality is still present, turn off the power supply and make an inspection by maintenance personnel, and then follow the boot procedure to resume normal operation.

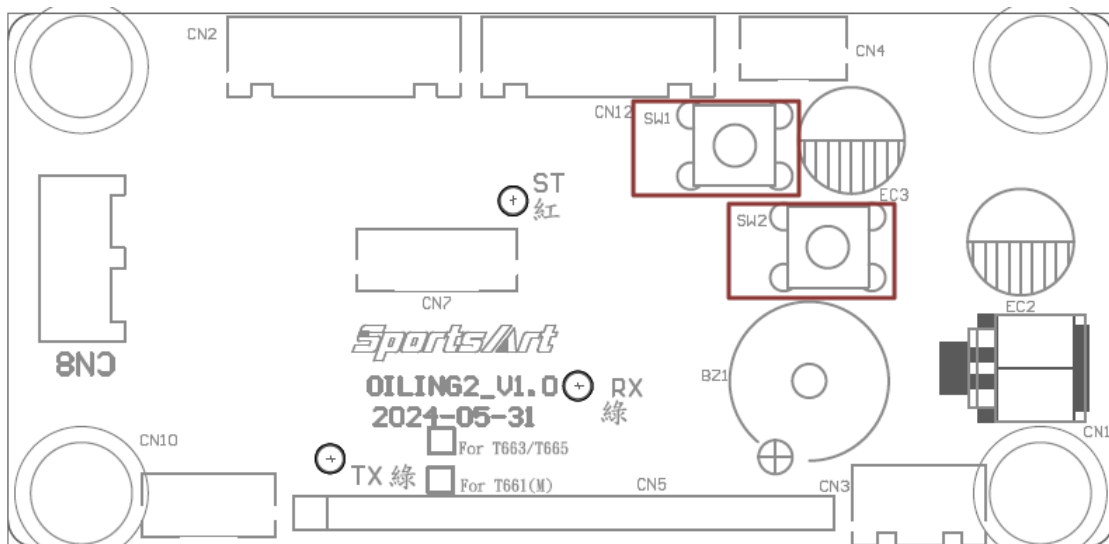
The picture below is for reference only.



MAINTENANCE Lubrication System

The product is equipped with an automatic lubrication system, which will lubricate automatically at regular intervals based on mileage.

Indication	Buzzer occurred	Buzzer sound frequency	Action
Replace lubricant bottle	If an abnormality occurs when operating the device, the buzzer will sound for 30sec.	The buzzer sounds 0.5 sec., then a 0.5 sec pause. This pattern repeats for 30 sec.	Turn on the power of the machine, hold the <SW1> + <SW2> key for 2.5 seconds, The beep sound for 3 seconds and the lubricant bottle replacement is completed.
Lubrication VR motor damaged		The buzzer sounds 2 sec, then a 2 sec pause. This pattern repeats for 30 sec.	Check and eliminate the cause of the fault
EEPROM damaged			
Lubrication VR not connected			



Lubricant Change Procedure:

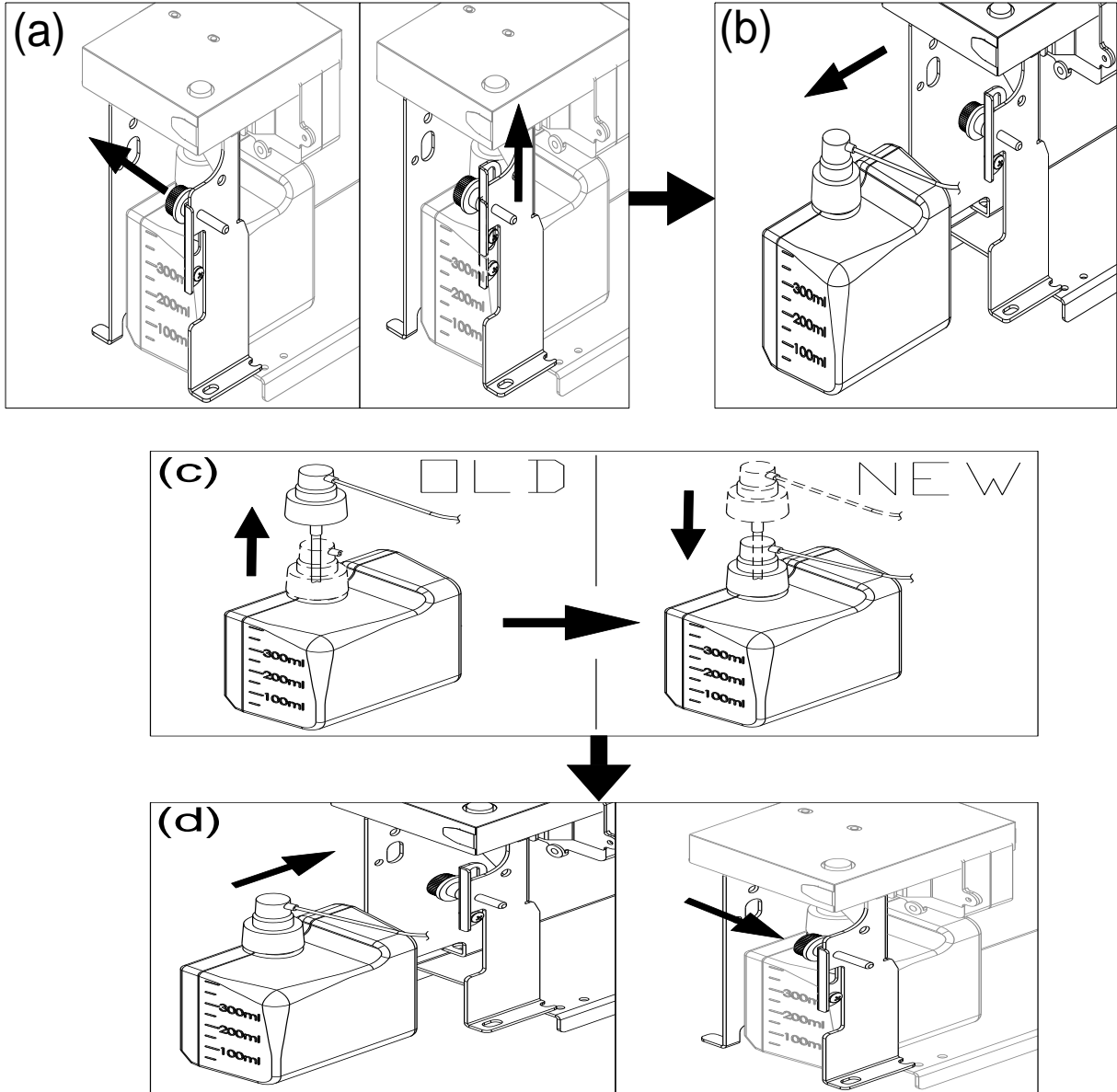
※ Note: Pay extra attention during the lubricant changing procedure to avoid electric shock; especially performing it while the power is on.

(a). Loosen the screws on the bezel and push the bezel up.

(b). Take the old lubricant bottle out.

(c). Unscrew the nozzle from the old lubricant bottle and screw it onto new bottle.

(d). Place the new lubricant bottle into the lubrication system, push the bezel down and tighten it with screws. (Note: before place the new bottle in place, press the pump a couple of times to ensure the lubricant floats through the hose nicely. Pay attention to the lubricant hose direction when place the bottle into the system).



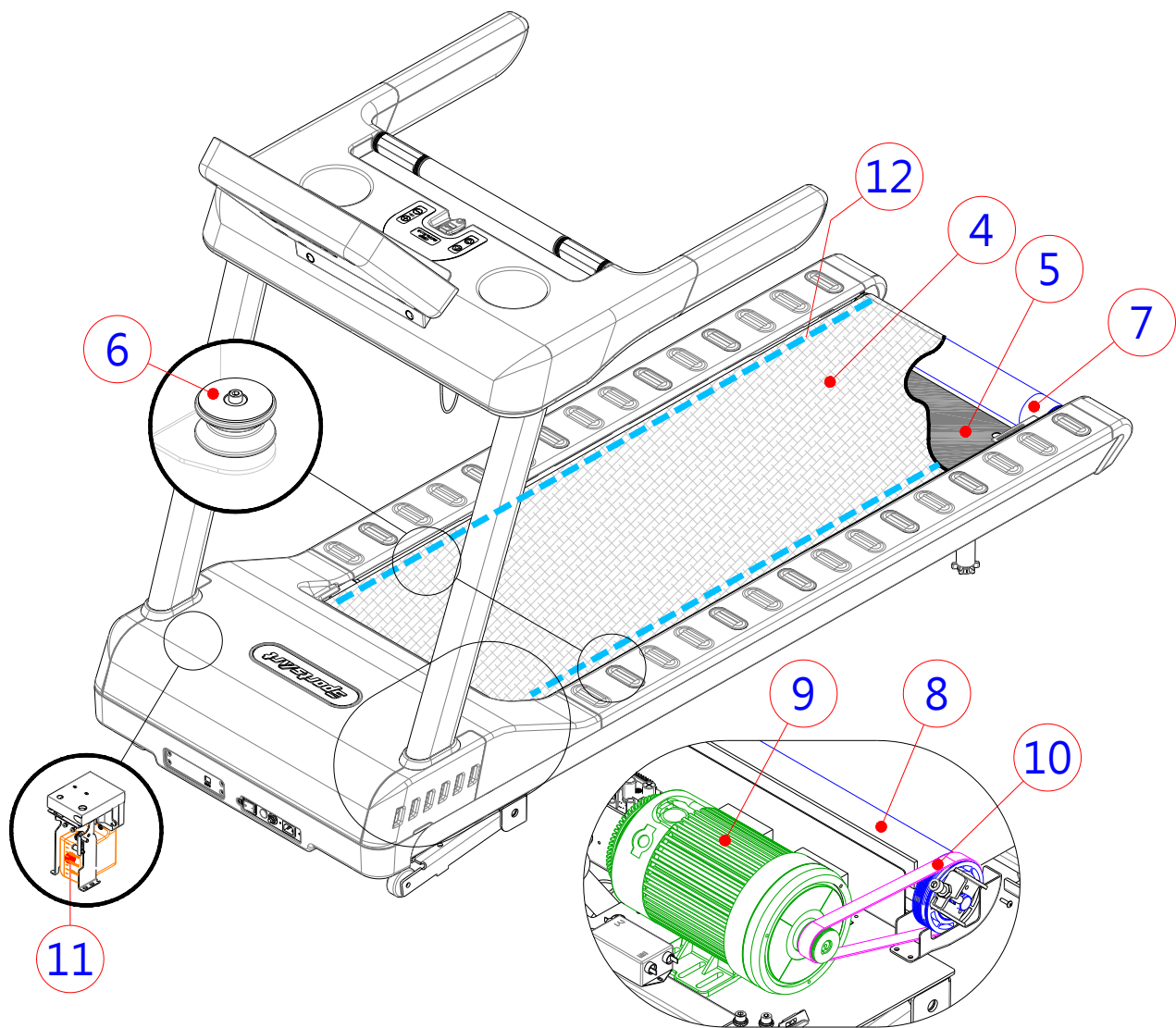
MAINTENANCE Maintenance Checklist

If there is a need for maintenance of components, please visit the SportsArt website.

The disinfectant has to be in compliance with Regulation (EU) 2017/745, MDR and Regulation (EU) 528/2012, BPR

It is suited for sensitive synthetic surfaces such as synthetic leather, polycarbonate (PC), acrylic glass and polysulfone, and for the keyboards and control panels.

Maintenance Checklist							
Item		Daily	Weekly	Monthly	Seasonally	Yearly	Remarks
1	Appearance of the machine	•					Clean.
2	Screws of the machine	•					Check if they are loose.
3	Treadmill test	•					Ensure the treadmill operates properly
4	Walk belt		•				Inspect alignment (centering) and look for wear
5	Walk deck				•		Inspect for wear
6	Belt guides				•		Inspect for normal rotation
7	Rear roller				•		Inspect for normal rotation
8	Front roller				•		Inspect for normal rotation
9	Motor compartment				•		Remove dust and debris
10	Drive belt					•	Replace once every 3 years
11	Lubricant bottle					•	Replace once every 40000km.
12	Between the running belt and deck		•				Use a cloth moistened with water then wrung well, and wipe gently between the running belt and deck to remove excess grease.
13	Leveling the equipment			•			Check whether the equipment is flat

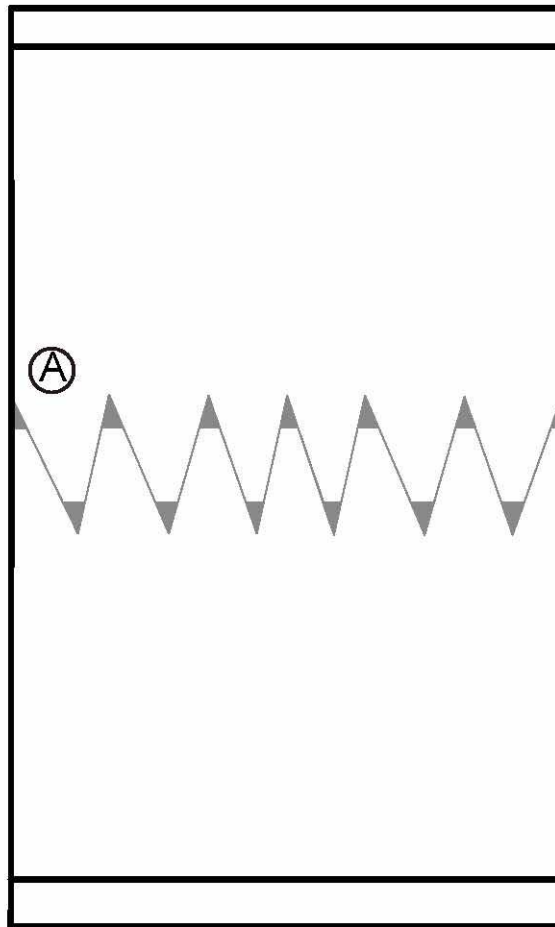


MAINTENANCE Note

1.Walk belt inspection: Walk belt is related to the usage status. Check the walk belt every week, and raise the frequency of inspection depending on the usage status.

※ If the walk belt is damaged, broken or warped, stop using the device and replace the walk belt. The junction of the walk belt (as A shown in the figure) needs to strengthen inspection.

2.Check the walk deck quarterly for damage or breakage and raise the frequency of inspection depending on the usage status.



MAINTENANCE Maintenance Log

Facility: _____ Supervisor: _____

Product model number: _____ Serial number: _____

Start date: _____ End date: _____

Daily Tasks	Week 1-7							Week 8-14							Week 15-21							Week 22-28									
Completed																															

Daily Tasks	Week 29-35							Week 36-42							Week 43-49							Week 50-52									
Completed																															

Weekly Tasks	Week 1-7							Week 8-14							Week 15-21							Week 22-28									
Completed																															

Weekly Tasks	Week 29-35							Week 36-42							Week 43-49							Week 50-52									
Completed																															

Monthly Tasks	1	2	3	4	5	6	7	8	9	10	11	12
Completed												

Quarterly Tasks	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Completed				

Yearly Tasks	Year 1
Completed	

Notes: _____

MAINTENANCE Disassemble Plastic

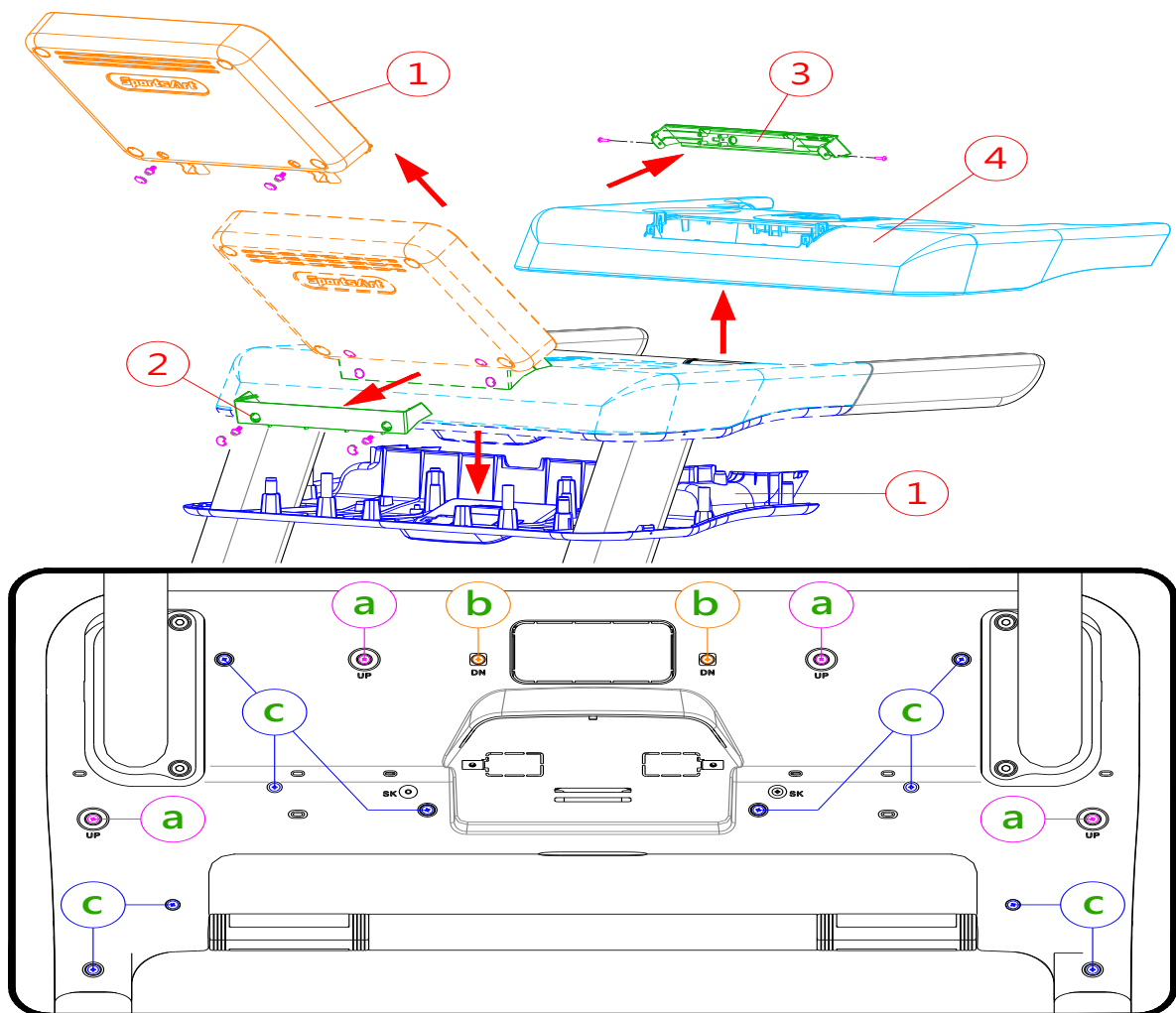
Follow sequence of index numbers 1 through 4 assigned to the figure below to disassemble the product, and be sure to remove all the retaining screws before performing disassembly. Follow sequence of index numbers assigned to the figure below to disassemble the handlebar assembly. Marks (a), (b), and (c) show the positions of the screws on the upper and lower covers.

DN: indicates the positions of the screws for securing the lower cover and the handlebar assembly.

UP: indicates the positions of the screws for securing the upper cover and the handlebar assembly.

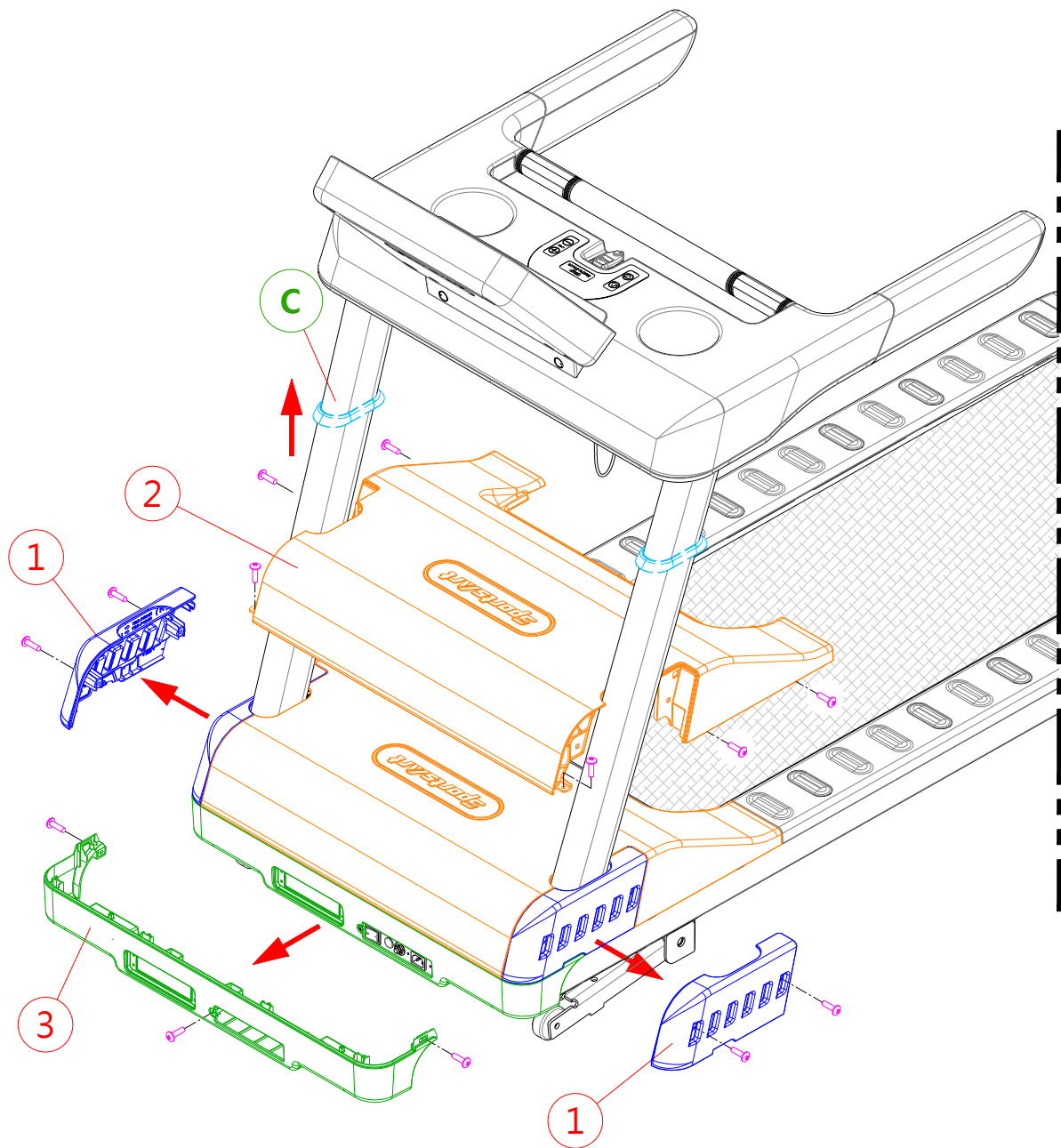
No mark: indicates the positions for securing the upper and lower covers.

Note: The "UP" and the screws need to be removed before disassembling the upper cover. The "DN" and the screws need to be removed before disassembling the lower cover.



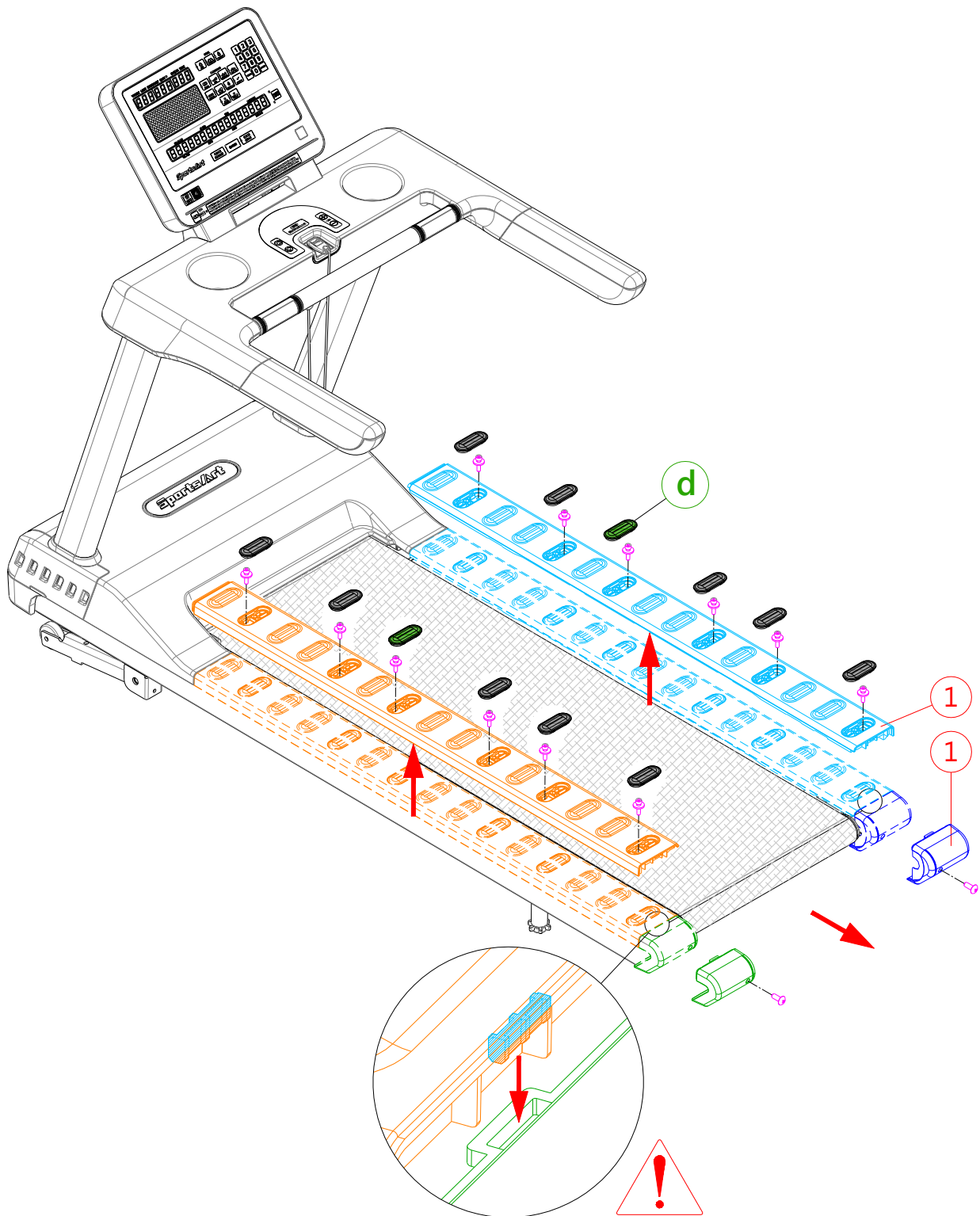
MAINTENANCE Disassemble Plastic (Cont.)

Follow sequence of index numbers assigned to the figure below to disassemble the motor cover. Push the pedestal cover shown in (c) upward first.



MAINTENANCE Disassemble Plastic (Cont.)

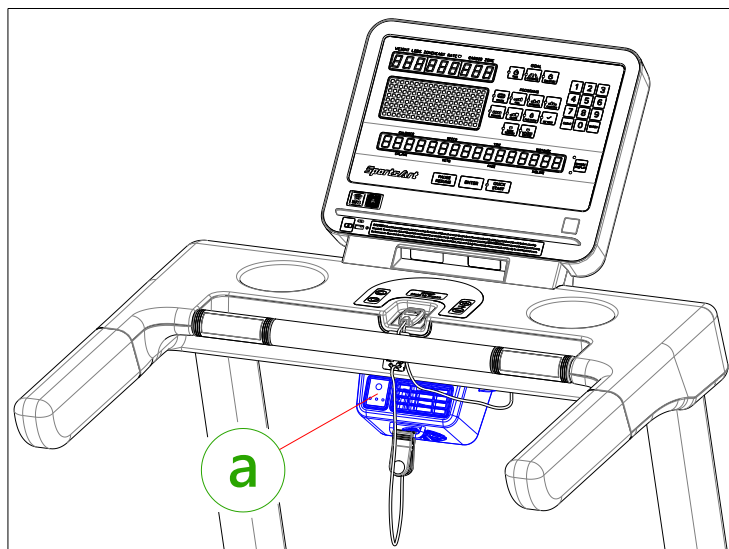
Pay attention to the snap-fits when disassembling the landing strips and the rear covers. Mark (d) shows the green anti-slip pad.



11. Optional accessories

Optional accessories Fan Set

(a) Fan Set



12. APPENDIXES

APPENDIXE Specification

Model	T661
Dimensions	L : 1990 mm (78.3") W : 860 mm (33.8") H : 1420mm (55.9")
Net Weight	136kg (299.2 lbs)
Maximum User Weight	180kg (400 lbs)
EN957 Classification	Type 6 /Class SA
Speed Range	0.1–12.0 MPH 或 0.2–20.0 KPH(international) 0.2 - 16.0 KPH (Japan) The machine will start at the system default setting speed of 0.1 MPH or 0.2 KPH
Incline Range	0% – 15%
Power Requirement	100 – 120 V~ , 50/60Hz , 15A 200 – 240 V~ , 50/60Hz , 10A
Circuit Breaker	125/250Vac , 20A (110V) 125/250Vac , 10A (220V)

※ **Weight Limit**

You should not allow runners over 300lb.(136kg) or walkers heavier than 400lb.(180kg) on the treadmill.

APPENDIXE Error/Prompt Messages

The following messages can appear on this product for diagnostic purposes.

1. Error Messages

ERR1 – Optic sensor error. The main program IC has not received the optic sensor signal.

Re-start the unit to see if normal operation will resume.

ERR3 – Treadmill speed doesn't match the setting. Contact your local dealer for assistance.

ERR7 – Incline motor calibration error. Have a technician calibrate or replace the incline motor set.

SERVICE REQUIRED/TREADMILL SHUTTING DOWN /STOPPING – Excessive heat error.

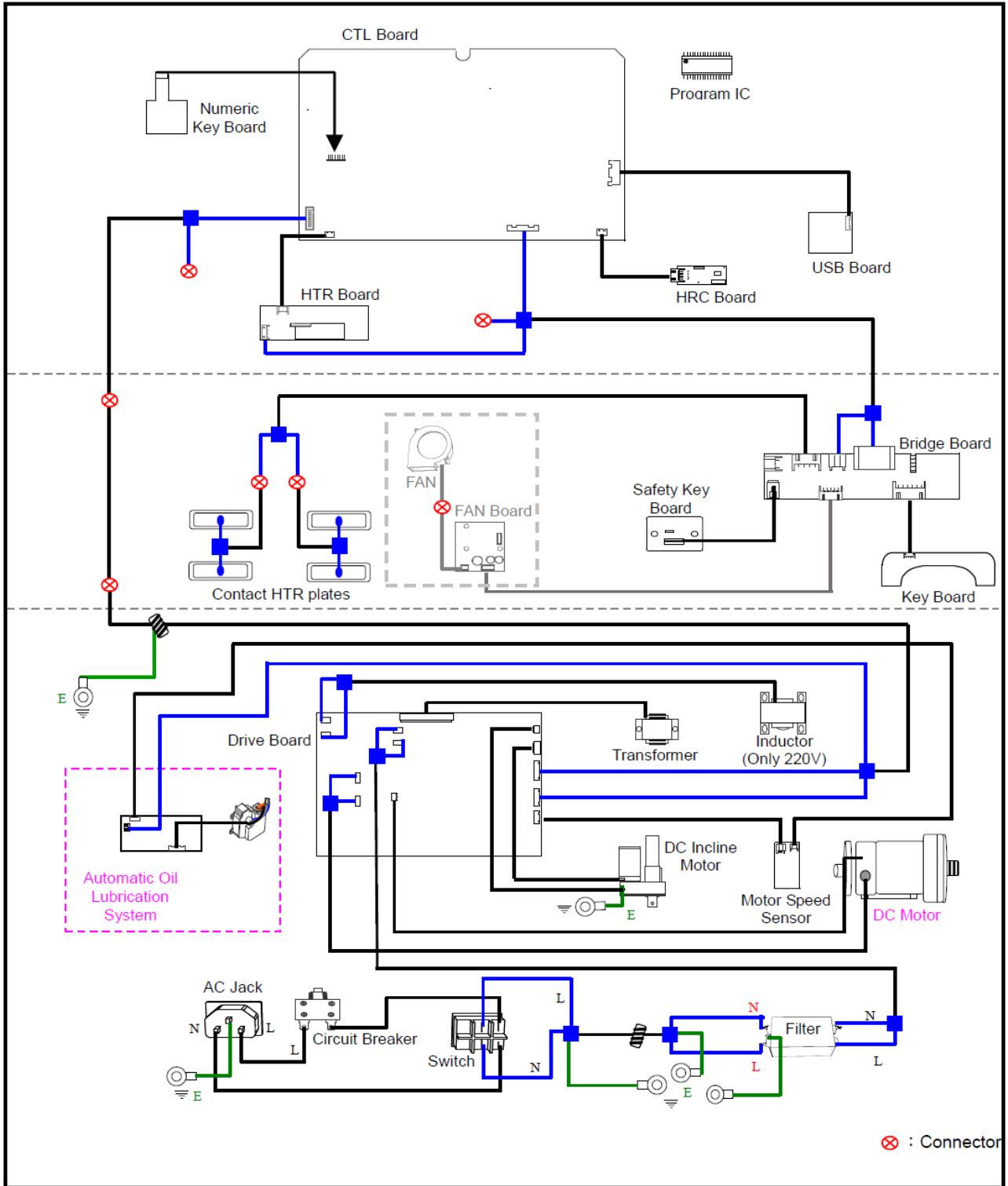
Turn off the treadmill. Then restart the treadmill as a test. Or, let the treadmill rest for one hour before restarting it. If the message persists, inspect the cable connection of the thermal sensor on the motor.

2. Prompt Messages

FOR ACCURATE HR, HOLD SENSORS FIRMLY WHILE WALKING – This message appears when someone touches contact heart rate pads and speed exceeds 4 mph or 6.4 kph. It is a reminder that the contact heart rate system functions best at low speeds when the user maintains a secure grip on the heart rate contact pads.

APPENDIXE Electronics Block Diagram

T661





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