

Lifesmart *MOTORIZED TREADMILL*

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Model#TM2301

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Operating Instructions Manual



Special tips:

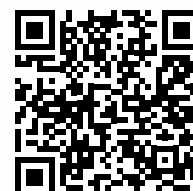
1. Before installation and operation, please read this operation manual carefully.
2. Please save this manual for future reference.
3. Product may vary slightly from the item pictures due to model upgrades.



Questions, problems, missing parts? Contact technical support department at
657-341-0362, 9:00 a.m. - 5 p.m., PST, Monday - Friday or contact us via email at
support@scsources.com.

Please have your model and serial number ready

Scan QR Code to Visit Registration Page:



Electrical Safety Instruction

When using an electrical appliance, basic precautions should always be followed, including the following: Read all instructions before using this treadmill.

DANGER—To reduce the risk of electrical shock: Always unplug this appliance from the electrical outlet immediately after using and before cleaning.

WARNING—To reduce the risk of burns, fire, electric shock, or injury to persons:

1. The treadmill should never be left unattended when plugged in. Unplug from the outlet when not in use and before putting on or removing parts.
2. Use this treadmill only for its intended use as described in this manual. Do not use attachments not recommended by the manufacturer.
3. Never operate this treadmill 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. Replace the damaged cord or plug with a new one from the manufacturer or its service agent, or return this treadmill to a service center for examination or repair.
4. Keep the cord away from heated surfaces.
5. Never operate the treadmill with the air openings blocked. Keep the air openings free of lint, hair, and alike items. Never drop or insert any object into any opening.
6. Do not use outdoors.
7. Do not operate where aerosol (spray) products are being used or where oxygen is being administered.
8. To disconnect, turn the treadmill off, then remove plug from outlet.
9. Connect this treadmill to a properly grounded outlet only. See grounding instructions.

CAUTION—To avoid injury, use extreme caution when stepping onto or off of a moving belt. Read instruction manual before using.

Important Safety Instruction

To ensure your safety and health, please use this equipment correctly. It is important to read this entire manual before assembling and using the equipment. Safe and effective use can only be achieved if the equipment is assembled, maintained, and used properly. It is your responsibility to ensure that all users of the equipment are informed of all warnings and precautions.


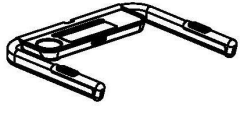


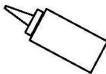
1. Before starting any exercise program, you should consult your physician to determine if you have any medical or physical conditions that could put your health and safety at risk or prevent you from using the equipment properly. Your physician's advice is essential if you are taking medication that affects your heart rate, blood pressure or cholesterol level.
2. Be aware of your body's signals. Incorrect or excessive exercise can damage your health. Stop exercising if you experience any of the following symptoms: pain, tightness in your chest, irregular heartbeat, shortness of breath, dizziness, or feelings of nausea. If you do experience any of these conditions, you should consult your physician before continuing with your exercise program.
3. Keep children and pets away from the equipment. The equipment is designed for adults use only.
4. Use the equipment on a solid, flat level surface with a protective cover for your floor or carpet. To ensure safety, the equipment should have more at least 240cm of free space behind it and 60cm on each side. Do not place the treadmill on any surface that blocks air openings. To protect the floor or carpet from damage, place a mat under the treadmill.
5. Ensure that all nuts and bolts are securely tightened before using the equipment. The safety of the equipment can only be maintained if it is regularly examined for damage and/or wear and tear.
6. Always use the equipment as indicated. If you find any defective components while assembling or checking the equipment, or if you hear any unusual noises coming from the equipment during exercise, discontinue use of the equipment immediately and do not use until the problem has been rectified.
7. Wear suitable clothing while using the equipment. Avoid wearing loose clothing that may become entangled in the equipment.
8. Do not place fingers or objects into the moving parts of the equipment.
9. The equipment is not suitable for therapeutic use.
10. To avoid bodily injury and/or damage to the product or property, proper lifting and moving is required.
11. Your product is intended for use in cool, dry conditions. You should avoid storage in extreme cold, hot or damp areas as this may lead to corrosion and other related problems.
12. This equipment is designed for indoor and home use only, it is not intended for commercial use.
13. If you don't feel well or in case of any emergency, grab the handlebars with both hands and jump onto the side rails to avoid injury.

Important Operating Instructions

1. Insert the power plug directly into the socket.
2. Read the manual before operating the equipment.
3. Changes in speed do not occur immediately.
4. While on the treadmill, move with caution as distractions may cause you to lose balance and stray from walking in the center of the belt. This may result in serious injury.
5. This unit starts at a low speed. To begin use, stand on the side rails while it starts up, then step onto the belt once it's in motion.
6. A safety key is provided for emergency use. The treadmill will function only if the safety key is inserted into the computer console. In case of emergency, remove the safety key to immediately stop the belt and shut off the treadmill. The display screen will reset once the safety key is reinserted.
7. This equipment is designed for adult use only! Children should not be allowed to use or play near this equipment. When present, children should always be supervised by an adult.
8. Women who are pregnant or nursing should consult a physician before attempting to begin any exercise program.
9. Always stay hydrated during and after exercise.
10. Do not lift the treadmill.
11. The belt must be lubricated before the first use.

Assembly Parts and Tools Required

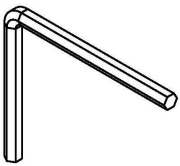
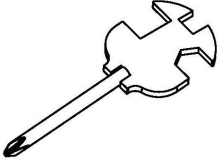
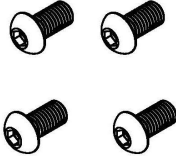


When you open carton box, you will find below spare parts:

				
A	B	C	C06	D

Spare parts list:

No.	Part description	Remark	Qty
A	Treadmill Frame		1
B	Handle Bar Set		1
C	Console Set		1
D	Lubrication Oil		1
C06	Safety Key		1

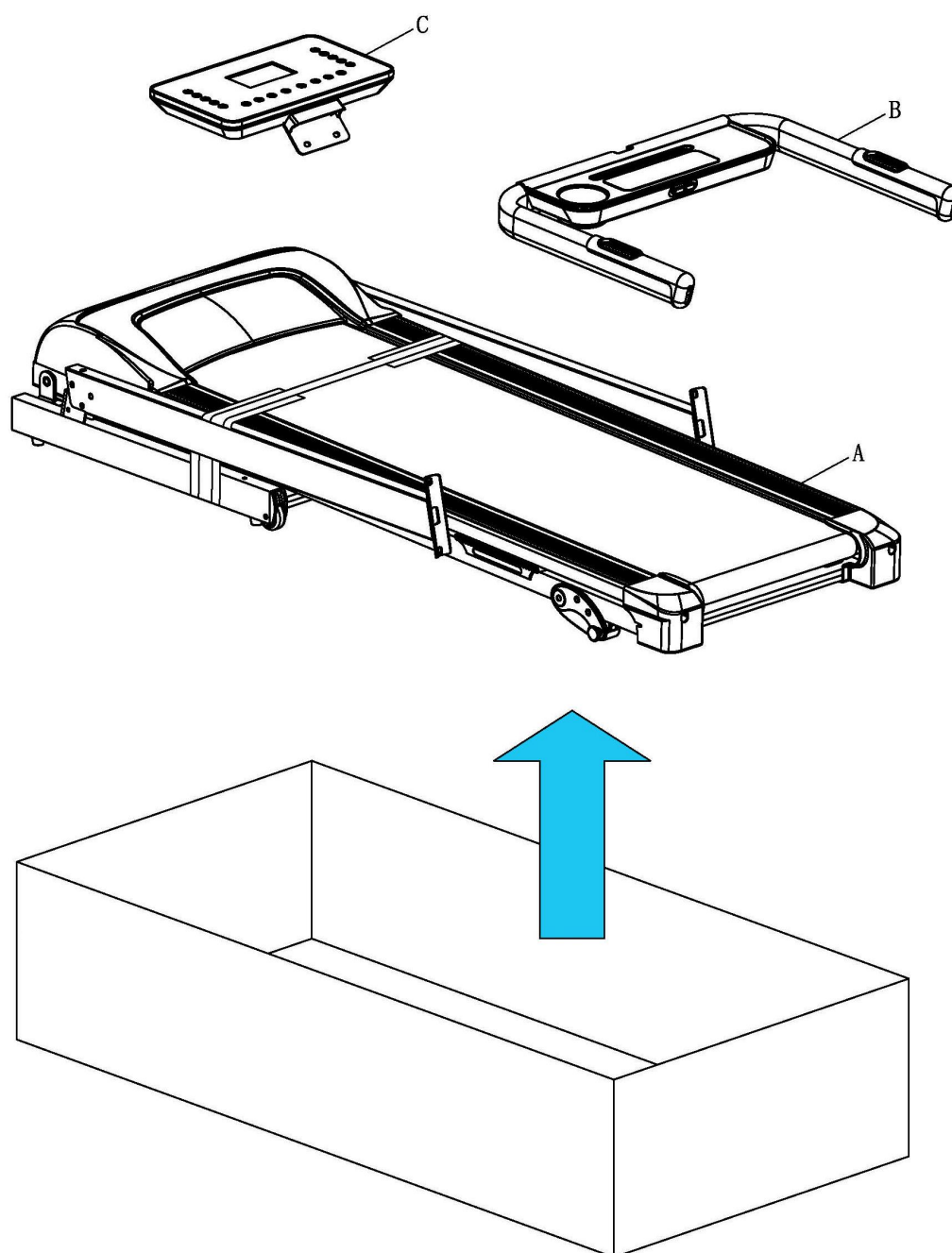
TOOLS:

B08 S5(1X)	B07 S=13、14、15(1X)	D08 M8*15(12X)
		
D31 ø8(4X)	D24 ø8(8X)	
		

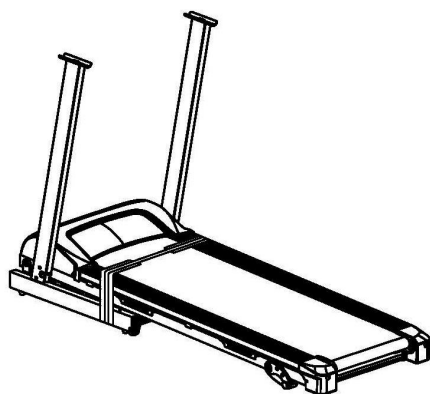
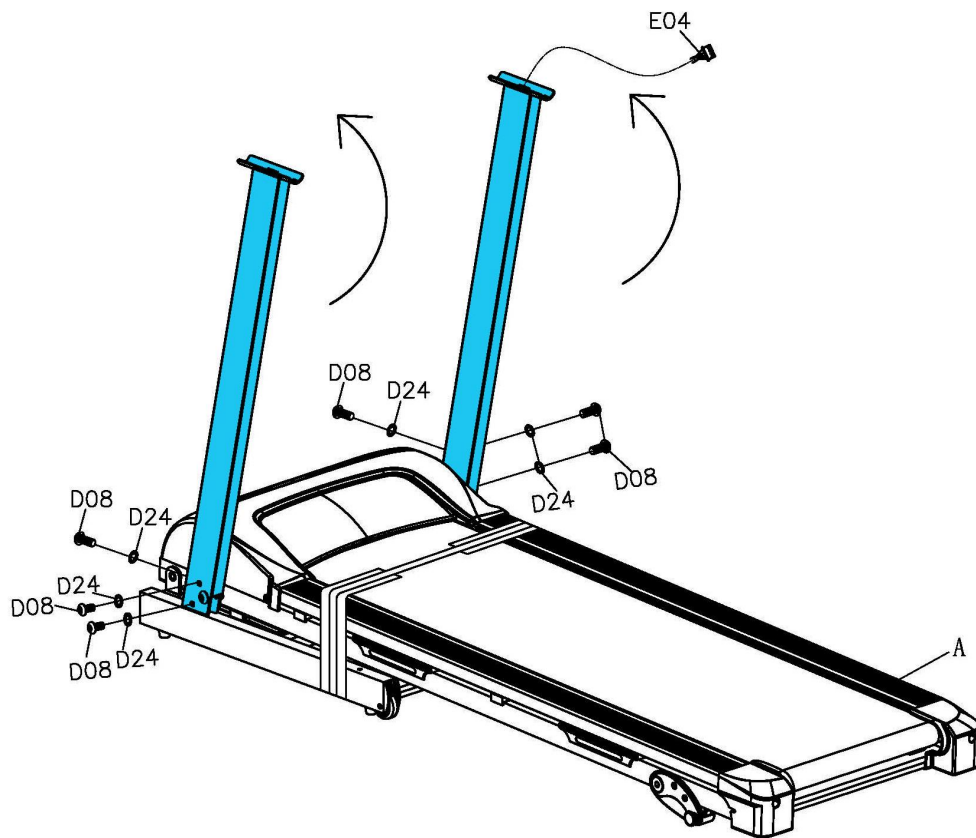
Please carefully check if all items inside the packaging box are complete and in good condition.
If anything is missing or damaged, please contact customer service!

Assemble the Treadmill

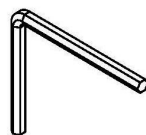
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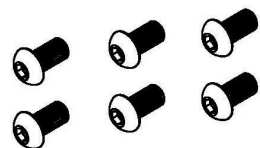
B-2



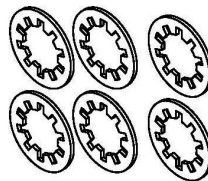
B08 5#(1x)



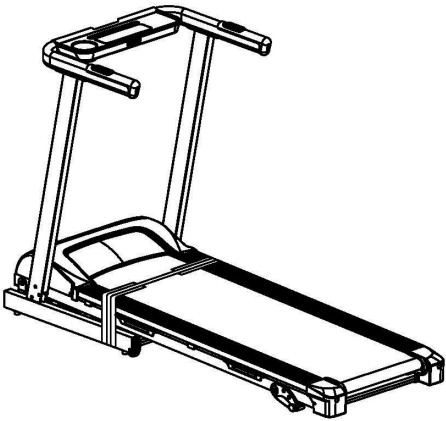
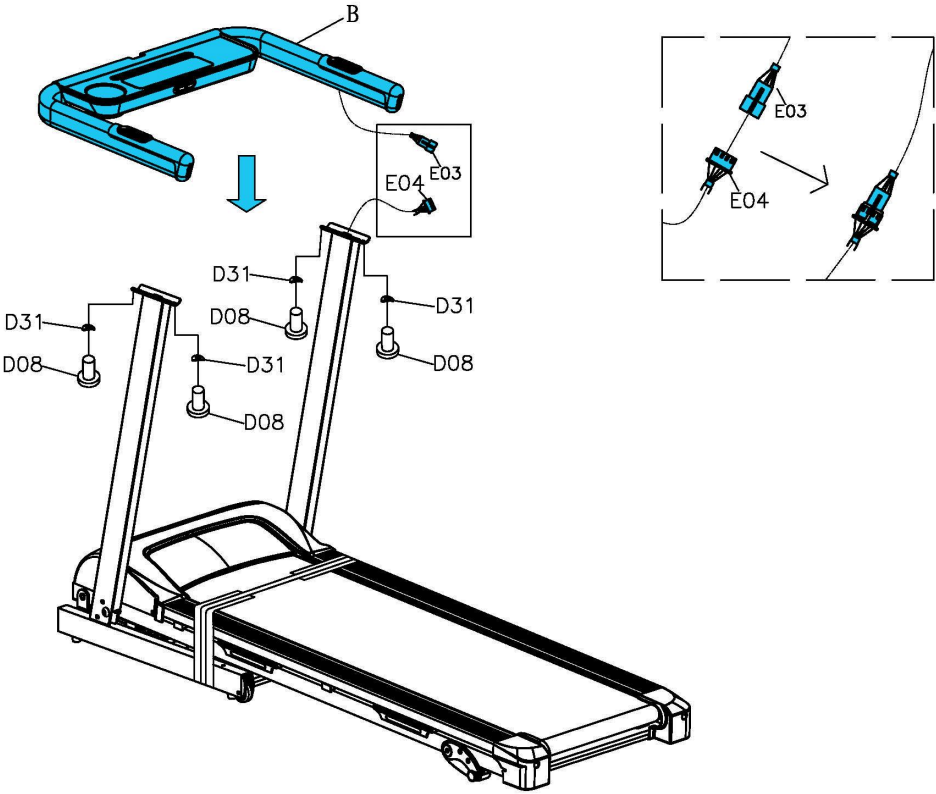
D08 M8*15(6x)



D24 ϕ 8(6x)

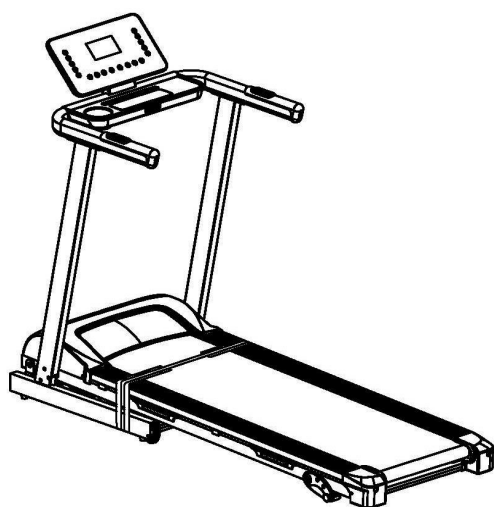
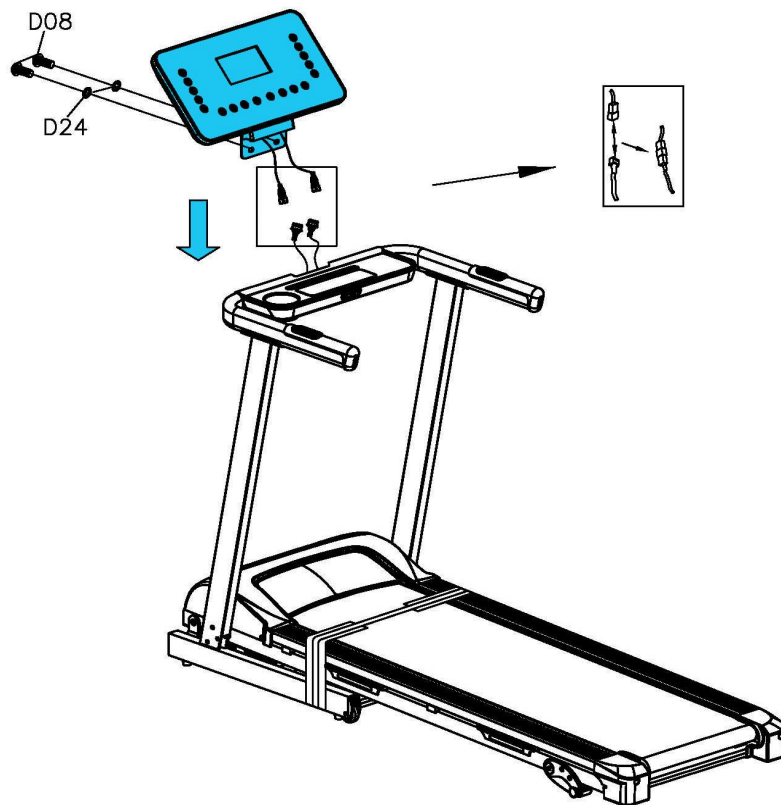


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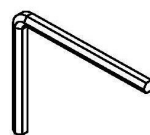


B08 5#(1x)	D08 M8*15(4x)
D31 ø8(4X)	

B-4



B08 5#(1x)



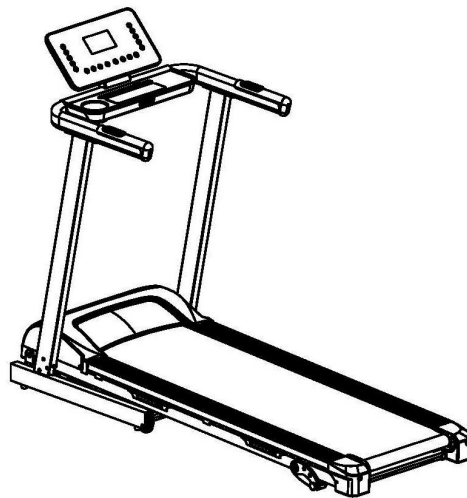
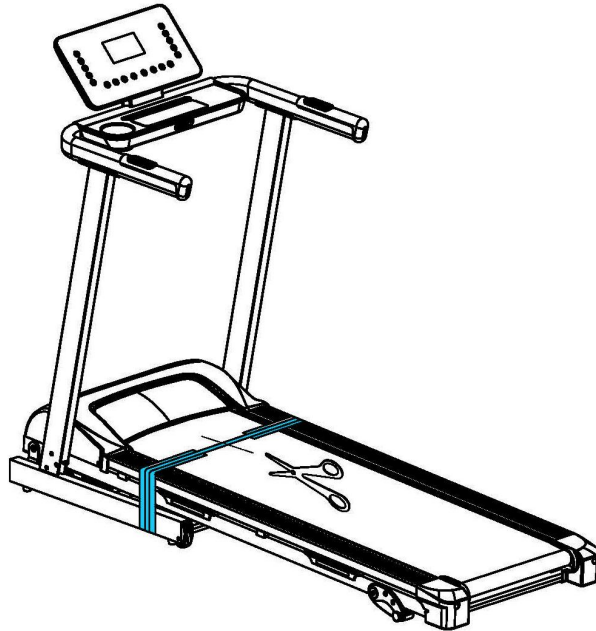
D08 M8*15(2x)



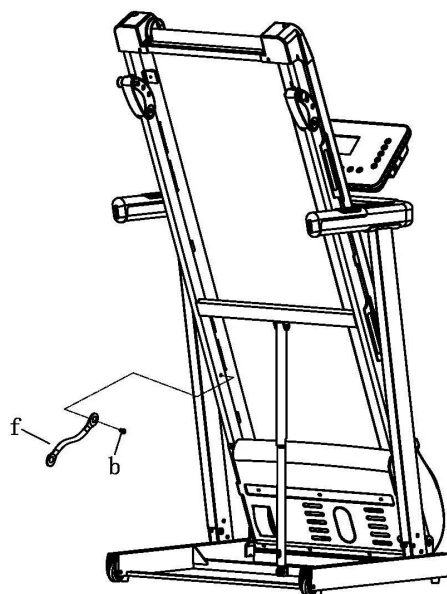
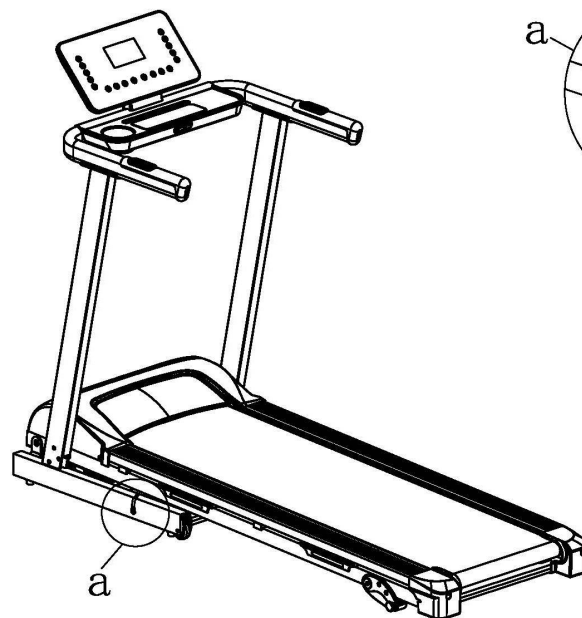
D24 ϕ 8(2x)



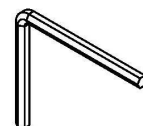
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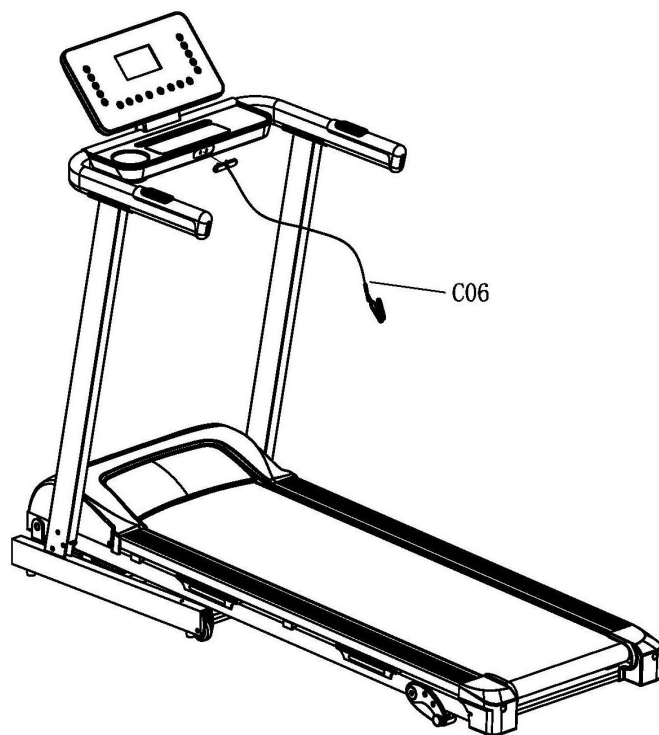
B-6



B08 5#(1x)

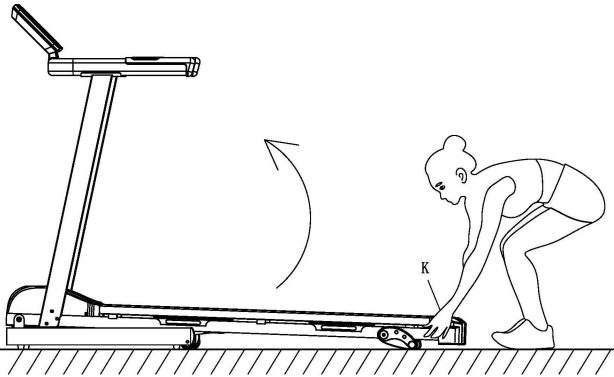


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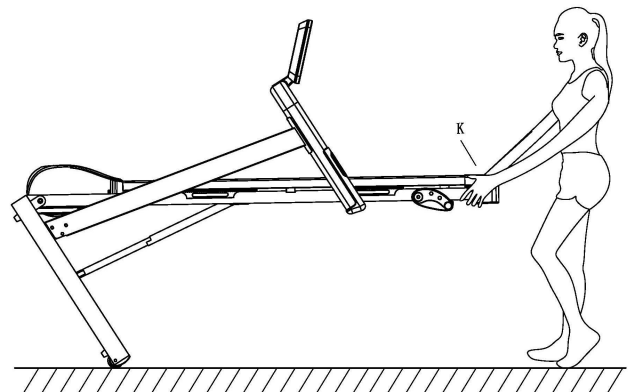
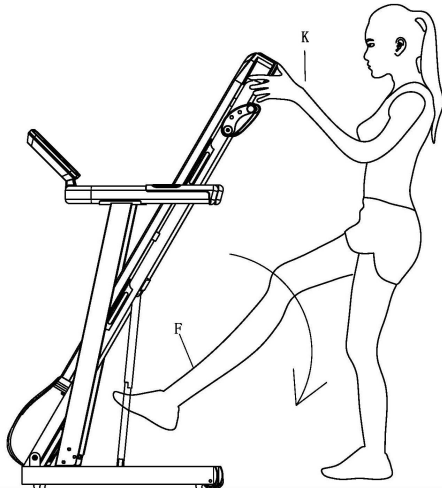
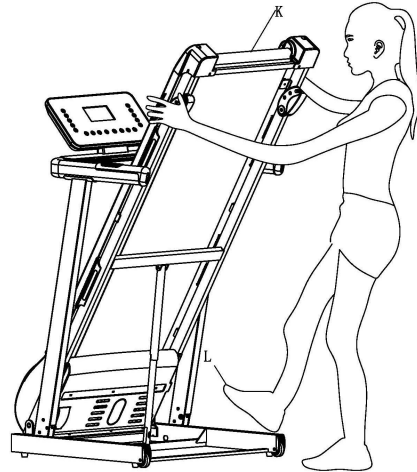


How to Fold&Move

C-1



C-2



Important Electrical Information

WARNING:

This treadmill requires a right power source in order to properly operate. For your safety, as well as the safety of others, please verify that the power source is correct before plugging the equipment. Any incorrect power source could cause significant damage to the equipment and or user.

GROUNDING METHODS:

This product must be grounded. Grounding provides the least resistance for electrical current and will reduce the risk of electric shock. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. Ensure that the product is connected to an outlet which contains the same configuration as the plug. Do not use an adaptor for this product.

This product is for use on a nominal circuit and has a grounding plug that is illustrated in sketch A. 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.

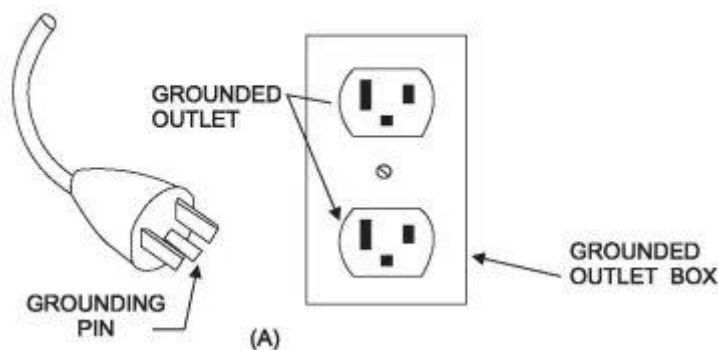
DANGER:

Improper connection of the equipment-grounding conductor can result in risk of electric shock. Check with a certified electrician 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 an electrician.

WARNING!

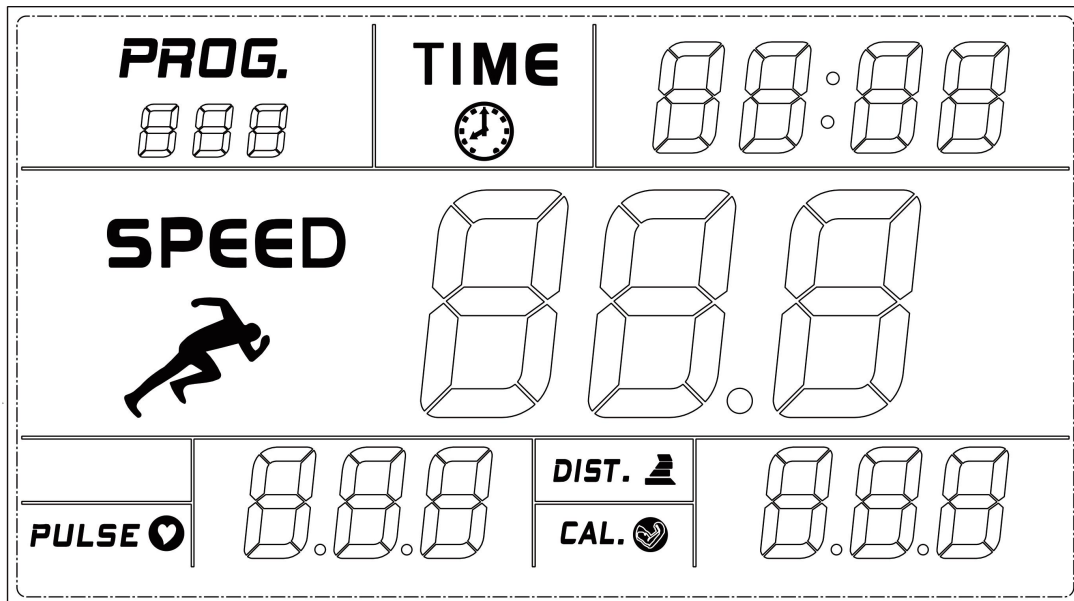
1. NEVER use a ground fault circuit interrupt (GFCI) wall outlet with this treadmill. Route the power cord away from any moving part of the treadmill including the elevation mechanism and transport wheels.
2. NEVER operate the treadmill using a generator or UPS power supply.
3. NEVER remove any cover without first disconnecting power.
4. NEVER expose the treadmill to rain or moisture. This treadmill is not designed for use outdoors, near pools or in any other high humidity environment.

Grounding methods



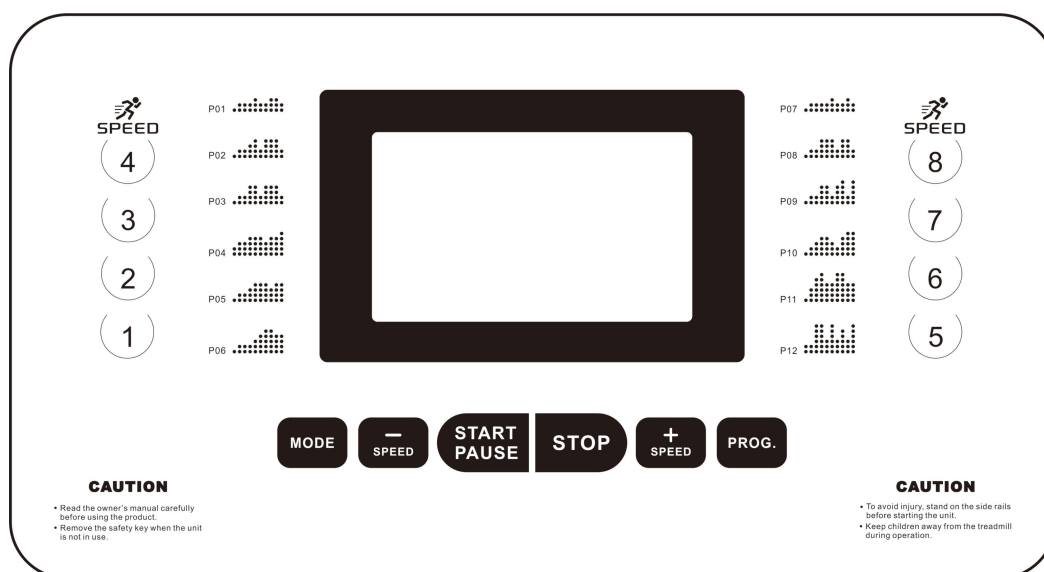
Operation Guide

Window Display



1. PROG.: When you choose program, display current program from P01-P12-FAT.
 2. TIME: Display the time elapsed.
 3. SPEED: Display current speed.
 4. PULSE: Display the current pulse. Hold on the hand pulse sensor by both hands for 5 seconds, the console will show user's pulse value. (This data is just for reference and can not be used as the medical data).
 5. DIST.: Display current distance.
 6. CAL.: Display the consumed calories.
- DIST.&CAL. will share the same window, and will show in turn every 5 seconds.

Console Button Function



1. **MODE:** Under standby mode, press this button to choose among time count down, distance count down, and calories count down. Press “START/PAUSE” button to start.

1.1 TIME COUNT DOWN

Under standby mode, press MODE button till TIME window twinkles and it enters into time countdown mode. Press “SPEED-” “SPEED+” buttons to set time. Press “START/PAUSE” button to start.

1.2 DISTANCE COUNT DOWN

Under standby mode, press MODE button till DIST. window twinkles and it enters into distance countdown mode. Press “SPEED-” “SPEED+” buttons to set distance. Press “START/PAUSE” button to get start.

1.3 CALORIES COUNT DOWN

Under standby mode, press MODE button till CAL. window twinkles and it enters into calories countdown mode. Press “SPEED-” “SPEED+” buttons to set calories. Press “START/PAUSE” button to start.

2. **SPEED -:** Press this button to decrease the speed.

3. **SPEED +:** Press this button to increase the speed.

4. **SPEED (1, 2, 3, 4, 5, 6, 7, 8):** Speed quick button.
Press these buttons to enter desired speed directly.

5. **START/PAUSE:** Press this button to start or pause, after pause, press this button again to restart.

6. **STOP:** Press this button to stop.

7. PROG.:Press this button to choose programs and set body fat test.

7.1 Default programs

Under standby mode, press this button to choose among 12 default programs.

Press “SPEED-” “SPEED+” buttons to set time for each program. Press “START/PAUSE” to start.

Each program is divided into 20 sections.During each section, you can adjust speed by pressing “SPEED-” “SPEED+” buttons,but speed will come to default when entering into new section.

When setting time finish, the treadmill will stop automatically.

		TIME INTERVAL= SETTING TIME/20																			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
P01	SPEED	1.2	1.8	1.8	2.4	3.1	1.8	2.4	3.1	3.1	1.8	2.4	3.1	2.4	2.4	2.4	1.2	1.8	1.8	3.1	1.8
P02	SPEED	1.2	2.4	2.4	3.1	3.7	2.4	3.7	3.7	3.7	2.4	3.1	3.7	2.4	2.4	2.4	1.2	1.2	3.1	2.4	1.2
P03	SPEED	1.2	2.4	2.4	3.7	3.7	2.4	4.3	4.3	4.3	2.4	4.3	4.3	2.4	2.4	2.4	1.2	2.4	3.1	1.8	1.2
P04	SPEED	1.8	3.1	3.1	3.7	4.3	4.3	3.1	4.3	4.3	4.9	4.9	3.1	5.5	3.1	3.1	3.7	3.7	2.4	2.4	1.8
P05	SPEED	1.2	2.4	2.4	3.1	3.7	4.3	4.3	3.1	3.7	4.3	4.9	4.9	3.1	2.4	1.8	1.8	3.7	3.1	2.4	1.2
P06	SPEED	1.2	2.4	2.4	2.4	3.1	3.7	4.9	4.9	3.7	4.3	4.9	4.9	3.7	2.4	2.4	1.2	3.1	2.4	1.8	1.2
P07	SPEED	1.2	1.8	1.8	1.8	2.4	3.1	1.8	2.4	3.1	1.8	2.4	3.1	1.8	1.8	1.8	3.7	3.7	3.1	1.8	1.8
P08	SPEED	1.2	1.8	1.8	3.7	4.3	4.3	2.4	3.7	4.3	2.4	3.7	4.3	2.4	2.4	2.4	1.2	1.8	2.4	2.4	1.2
P09	SPEED	1.2	2.4	2.4	4.3	4.3	2.4	4.3	4.9	2.4	4.9	5.5	5.5	2.4	2.4	2.4	3.1	3.7	1.8	1.8	1.2
P10	SPEED	1.2	2.4	3.1	3.7	4.3	3.1	2.4	3.7	4.9	4.9	3.7	3.7	3.1	2.4	2.4	1.2	2.4	2.4	1.8	1.8
P11	SPEED	1.2	3.1	4.9	6.2	4.3	4.3	6.2	6.2	4.3	4.3	6.2	6.2	3.1	3.1	5.5	5.5	3.1	3.1	2.4	1.8
P12	SPEED	1.8	2.4	5.5	5.5	3.1	5.5	3.1	4.9	3.1	5.5	4.3	3.1	3.1	4.3	5.5	5.5	3.1	4.3	3.7	1.8

7.2 Body Fat Test

Under standby mode, press PROG. button until you get to FAT.

-Press MODE to enter information.

Set value with SPEED+/- from -1- to -4-(-1- SEX, -2- AGE, -3- HEIGHT, -4- WEIGHT)

-Press MODE to enter -5-(BODY FAT TEST), hold hands on the hand pulse sensors, the console will display your body fat value after 5 seconds.

-The body fat value is intended as a guide, can not be used as the medical data.

BODY FAT TEST			
-1-	Sex	0-Male	1-Female
-2-	Age	10-99 (default value=25)	
-3-	Height (inch)	40-95 (default value=67)	
-4-	Weight (lb)	44-352 (default value=154)	
-5-	FAT	<19	Thin
	FAT	=(19-26)	Normal
	FAT	=(27-30)	Over-weighted
	FAT	>30	Obese

Quick Start

- Insert the safety key and switch on the power (I). The display turn on and will enter into standby mode.
- Press “START/PAUSE” button to start.
- Press “SPEED+” “SPEED-” buttons on the console or the handlebar to adjust speed.
- Press “STOP” button to stop. Or you can stop the treadmill by switching off the power (O) which will never cause damage to the machine.
- Pull away the safety key to stop and put it away.

Bluetooth for connection of App:

Kinomap App Connection:

Click FTMS icon in "My treadmill" interface.

Select Bluetooth name start with “TM2301” for connection.

Zwift App Connection:

Select Bluetooth name start with “TM2301” for connection.

Lubrication Remind Function:

This machine has lubrication remind function. After every total running distance of 186 mile (300km), your treadmill needs to be maintained with oil. The system will remind with beep, and the TIME window will show “OIL”. This means that your treadmill needs to be lubricated with oil. Please read the user’s manual first, and add oil to the middle part of running board. After the lubrication, please hold on “STOP” button for 3 seconds under standby mode, and the system warning sound will disappear.

Transfer between Kilometer&Mile:

Pull off the safety key. Press “PROG.” and “MODE” buttons together and hold on for 3 seconds, the PULSE window will show “0”(“0” for “kilometer”) or “1”(“1” for “mile”). Press both “SPEED+” and “SPEED-” buttons and hold on for 3 seconds, you can transfer between “mile” and “kilometer”. Insert the safety key back to confirm the setting and the machine will enter into standby mode.

Safety Lock Function:

Under any mode, if you pull away the safety key, the machine will stop. The window will show “OFF” with reminding sound. The machine cannot work until safety key is inserted back.

Power Saving Function:

The machine is with energy saving function. If without any operation for 2 minutes, the background light will be off and the machine enters into standby mode. If without any operation for over 10 minutes, the system will enter into energy saving mode, the display will be closed up. You can press any button to turn on the display.

Power On (I) and Power Off (O)

Switch off the power: You can switch off the power to stop the treadmill, which won't be damaged at any time.

Caution:

1. We recommend that you maintain a slow speed at the beginning of a session and hold on to the handrails until you become comfortable and familiar with the treadmill.
2. Insert the safety key into the computer console and also attach the clip of the safety pulling rope to your clothing.
3. To end your workout safely, press the STOP button or pull out the safety pulling rope, then the treadmill will stop immediately.

Troubleshooting

PROBLEM	POSSIBLE CAUSE	SUGGESTED ACTION
Treadmill will not start	Not plugged in	Plug cord into outlet
	Safety key not inserted	Insert Safety key
Running belt not centered	Running belt tension not correct on the left or right sides of the running board	Tighten the adjustment bolts on the left and right side of the rear roller
Display not working	Wires from the PCB and bottom control board not properly connected.	Check wire connections from the PCB to the control board.
	Transformer is damaged	If the transformer is damaged, contact customer service.
E01: Message failure	Wires from the display and bottom control board not properly connected.	Check wire connections from the PCB to the control board. If the wire has been punctured or damaged, you will need to replace it. If the problem is not rectified, you may need to replace the control board.
E02: Burst clash protection	Incoming voltage is lower than 50% of the required voltage.	Make sure that the incoming power supply is the correct voltage.
E03: No speed sensor signal	Speed sensor signal cannot be received by the control board.	Check that the sensor wire is properly connected. If damaged, replace wire. Check to see if the magnetic sensor is damaged, replace if necessary.
E05: Current overload protection (Self Protecting System)	The incoming voltage is too low or too high. The control board is damaged.	Restart the treadmill. Check the incoming voltage to ensure it's correct. Check the control board, replace if damaged.
	A moving part of the treadmill is stuck and therefore the motor is unable to rotate properly.	Inspect moving parts of the treadmill to ensure that they are operating correctly. Check the motor, listen for strange noise and check for a burning smell. Replace the motor if necessary.

E06/E08: Control board is damaged. E07: Display value is missing.	Control Board Abnormality	Check the upper and middle wires to see if the control board is connected. If the wire has been punctured or damaged, you will need to replace it. If the problem is not rectified, you may need to replace the control board.
Motor Abnormality	The motor wire is not connected or the motor is damaged.	Check motor wires to see if the motor is connected. If the wire has been punctured or damaged, you will need to replace it. If the problem is not rectified, you may need to replace the motor

Maintenance & Care

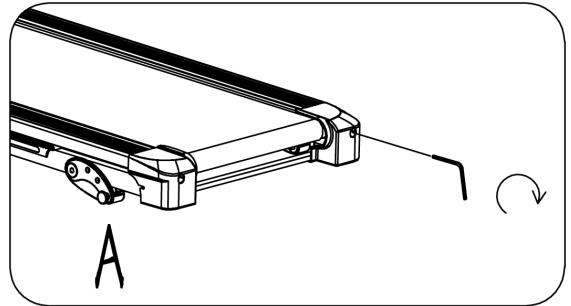
General cleaning will help prolong the life and performance of your treadmill. Keep the unit clean and maintained by dusting the components on a regular basis. Clean both sides of the running belt to prevent dust from accumulating underneath the belt. Keep your running shoes clean so that dirt from your shoes does not wear out the running board and belt. Clean the surface of the running belt with a clean damp cloth. Children without supervision shall not do the cleaning or maintenance by themselves.

- To better maintain the treadmill and prolong its life it is suggested that the machine be powered off for 10 minutes every 2 hours and fully powered off whenever not in use.
- A loose Running Belt will result in the runner sliding off when running, while too tight of a Running Belt will result in decrease to the motors performance and also create more friction between the roller and running belts. The most suitable tightness for the belts is pulled out 50-75mm from the Running Board.

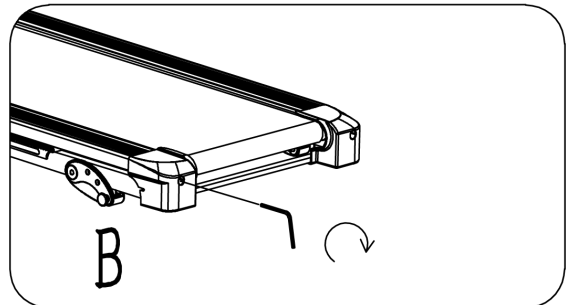
Centering the Running Belt:

Place the treadmill on level ground and set it at 6-9 km/h (3.7-5.6 mph). Center the running belt when one side of the running belt drifts.

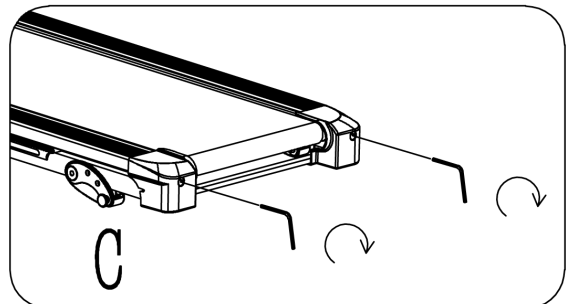
1. If the **Running Belt** moves to the **right**, turn the adjusting bolt on the right side $\frac{1}{4}$ turn *clockwise*, then turn the left adjustment bolt $\frac{1}{4}$ turn *counter-clockwise*. If the belt does not move, repeat this step until it centers. Refer to figure A.



2. If the **Running Belt** moves to the **left**, turn the adjusting bolts on the left side $\frac{1}{4}$ of a turn *clockwise*, then turn the right adjustment bolt $\frac{1}{4}$ turn *counter-clockwise*. If the belt does not move, repeat this step until it centers. Refer to figure B.



3. Over time the **Running Belt** will **loosen**. To tighten the belt turn the Left & Right side adjustment bolts one full turn clockwise, check the tension of the belt. Continue this process until belt is at the correct tension. Make sure to adjust both sides equally to ensure correct belt alignment. Refer to figure C.



Lubricating the Treadmill

IMPORTANT NOTE:

You will need to lubricate your treadmill before the first use.

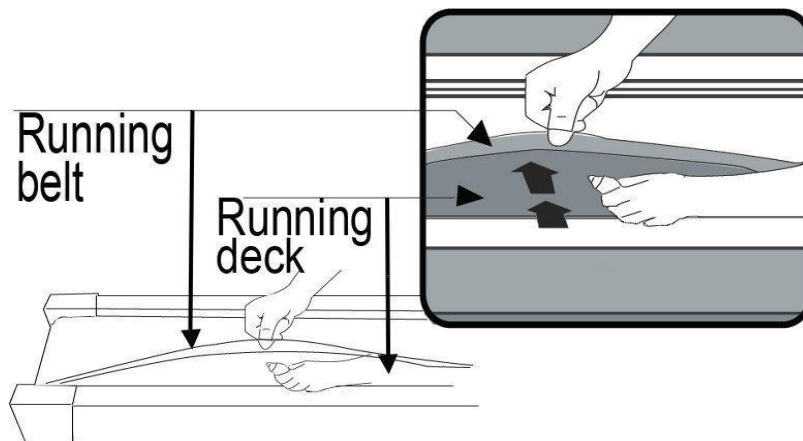
RUNNING BELTS & TREADMILL LUBRICANT:

Lubricating the running board and running belt is essential as the friction between the two affects the life span and function of the treadmill, therefore it is suggested that the running board and belt be inspected regularly.

WARNING: Always unplug the treadmill from the electrical outlet before cleaning, lubricating or repairing the unit.

HOW TO LUBRICATE:

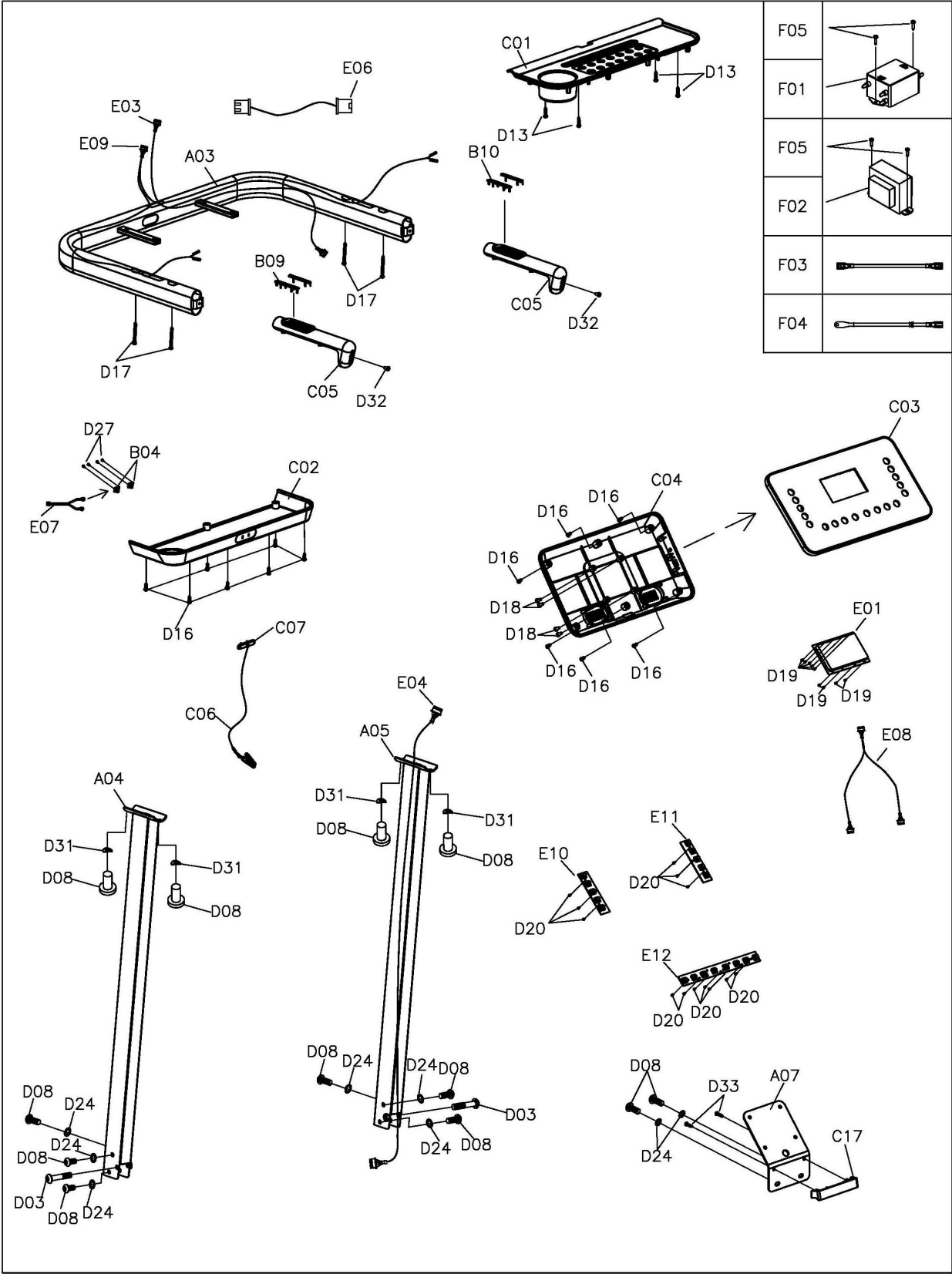
1. Raise the belt up on one side and apply lubricant to the running deck. Use a rag to thoroughly wipe the lubricant over the running deck. Repeat this process for the other side.
2. The moving parts should turn freely and quietly. Abnormality of moving parts will affect the safety of the equipment. Inspect and tighten bolts regularly.
3. To better maintain the treadmill and prolong its lifespan, it is suggested that maintenance be done on a regular basis.

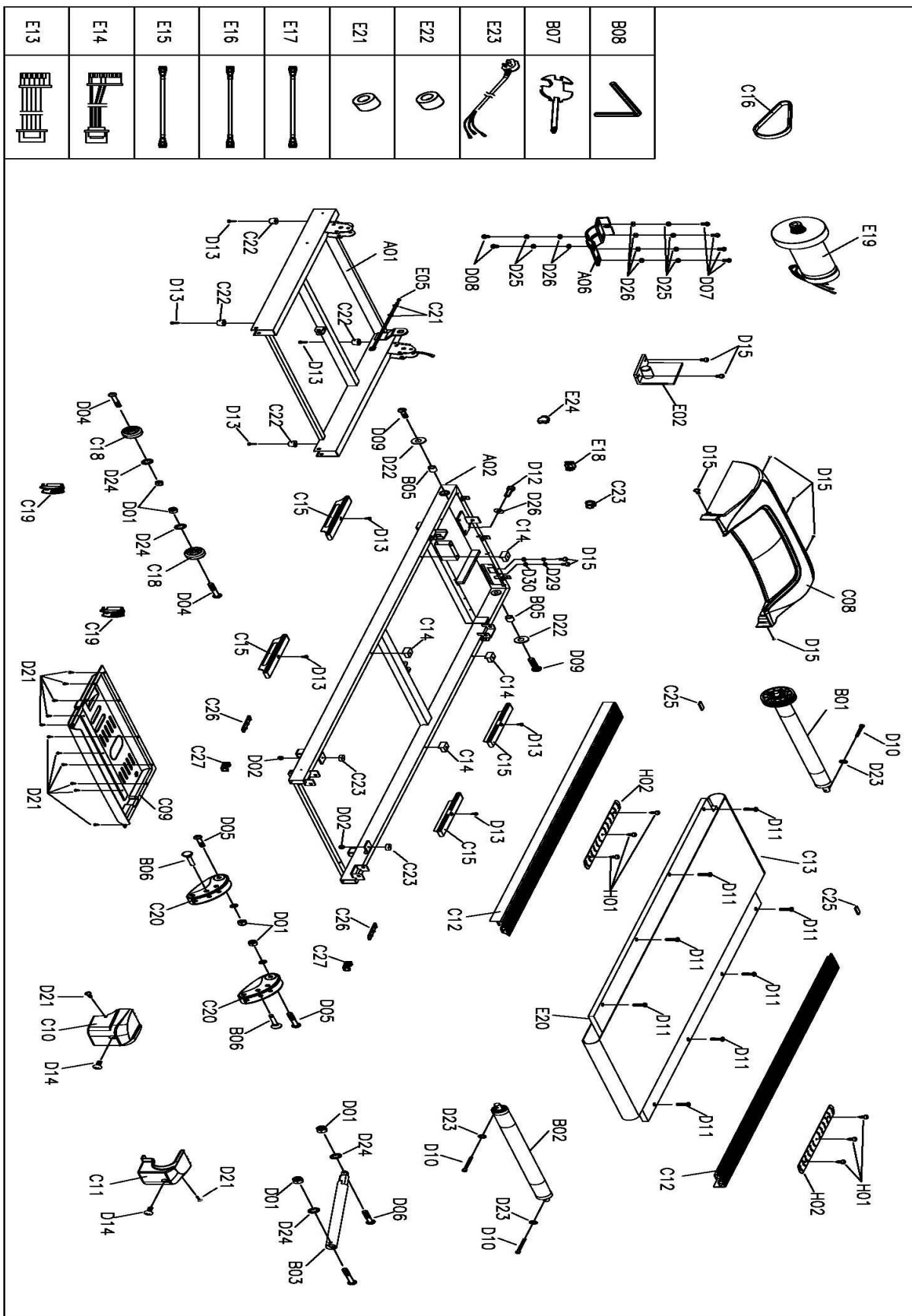


The following time table is recommended:

Light user (less than 3 hours/ week)	<i>every six months</i>
Medium user (3-5 hours/ week)	<i>every three months</i>
Heavy user (more than 5 hours/ week)	<i>every two months</i>

Exploded Drawing





PARTS LIST

No.	Part Description	Remark	Qty	No.	Part Description	Remark	Qty
A01	Bottom Frame		1	C21	Wire Bushing		2
A02	Main Frame		1	C22	Foot Pad		4
A03	Console Bracket		1	C23	Blue Cushion		2
A04	Left Upright Tube		1	C24	Power Cord Buckle		1
A05	Right Upright Tube		1	C25	Rubber Pad		2
A06	Motor Bracket		1	C26	Adjusting Rubber		2
A07	Console Assembly Fixing Plate		1	C27	Rubber Cushion		2
B01	Front Roller		1	D01	Nut	M8	6
B02	Back Roller		1	D02	Nut	M6	2
B03	Cylinder		1	D03	Bolt	M8*35 L=15	2
B04	Spring Washer		2	D04	Bolt	M8*40	2
B05	Spacer	φ16*φ10.2*16	2	D05	Bolt	M8*45	2
B06	Fixing Pin	φ10*60.5	2	D06	Bolt	M8*30	1
B07	Cross Wrench with Screw Driver	S=13、14、15	1	D07	Bolt	M8*20	4
B08	Socket Head Wrench #5	5mm	1	D08	Bolt	M8*15	16
B09	Hand Pulse Plate-L	φ0.3	2	D09	Bolt	M10*30	2
B10	Hand Pulse Plate-R	φ0.3	2	D10	Bolt	M6*55	3
C01	Bottle Holder Top Cover		1	D11	Bolt	M6*35	6
C02	Bottle Holder Lower Cover		1	D12	Bolt	M8*35	1
C03	Console Top Cover		1	D13	Screw	ST4.2*20	12
C04	Console Bottom Cover		1	D14	Bolt	M5*12	2
C05	Handle Bar Cover		2	D15	Bolt	M5*8	9
C06	Safety Key		1	D16	Screw	ST4.2*12	13
C07	Safety Key Clip		1	D17	Screw	ST4.2*45	4
C08	Motor Top Cover		1	D18	Bolt	M5*16	4
C09	Motor Bottom Cover		1	D19	Screw	ST2.0*6	9
C10	Back End Cover-L		1	D20	Screw	ST2.9*8	13
C11	Back End Cover-R		1	D21	Screw	ST4.2*12	13
C12	Side Rail		2	D22	Washer	φ10*φ26*2.0	2
C13	Running Belt		1	D23	Washer	GB /T 861.2-87 φ6	3
C14	Square Cushion		4	D24	Lock Washer	GB /T 861.2-87 φ8	14
C15	Main Cushion		4	D25	Washer	GB/T 93-1987 φ8	6
C16	Motor Belt		1	D26	Washer	GB /T 95-2002 φ8	7
C17	Display Wire Cover		1	D27	Screw	ST2.9*4	4
C18	Transport Wheel		2	D28	/	/	/
C19	Transport Wheel Cover		2	D29	Washer	GB/T 861.2-87 φ5	2
C20	Manual incline foot pad		2	D30	Washer	5/65Mn	2

No.	Part Description	Remark	Qty	No.	Part Description	Remark	Qty
D31	Lock Washer	Φ8	4	E11	Key Button Board-R		1
D32	Bolt	M5*10	2	E12	Key Button Board-Middle		1
D33	Screw	ST4.2*12	2	E13	Key Button Connection Wire L&R		2
D34	/	/	/	E14	Key Button Connection Wire Middle		1
E01	Display Board		1	E15	Power Cord	L=350mm, Blue	1
E02	Control Board		1	E16	Power Cord	L=200mm, Brown	1
E03	Top Connection Wire		1	E17	Power Cord	L=350mm, Brown	1
E04	Middle Connection Wire		1	E18	Power Switch	Red	1
E05	Lower Connection Wire		1	E19	DC Motor		1
E06	Safety Key Connection Wire-Upper		1	E20	Running Board		1
E07	Safety Key Connection Wire- Lower		1	E21	Magnet Ring		1
E08	Hand Pulse Connection Wire-Upper		1	E22	Magnet Core		1
E09	Hand Pulse Connection Wire-Lower		2	E23	Power Wire		1
E10	Key Button Board-L		1	E24	Overload Protector		1

ONE-YEAR LIMITED WARRANTY

The manufacturer warrants this product against defects in materials and workmanship on functional parts, for a period of 1 year from the original date of purchase. Your sales receipt showing the date of purchase of the product is your proof of purchase. Keep it in a safe place for future reference. This warranty is subject to personal use only, commercial or rental applications will not be covered. This product is made with the highest quality materials and is warranted to be free from defects in materials and workmanship at the time of purchase. This limited warranty applies to products manufactured or distributed by the manufacturer, are delivered in the continental United States or Canada and extends to the original purchaser, or gift recipient. This warranty becomes valid at the time of purchase and terminates either by the specified time frame listed above and/or owner transfer. Any refunds or monetary compensations must be claimed through the place of purchase (retailer), and not through the manufacturer. Any extended warranties (warranties that cover above and beyond this manufacturer warranty) that are sold through a retailer or third party, are not directly correlated with this products' limited warranty, and may be redirected to said retailer or third party for coverage.

This warranty extends through the manufacturer of the product, and covers functional parts only. Cosmetics are not covered, unless unequivocally determined it is a workmanship defect. Shipping damage should be addressed with the shipping company, retailer, or place of purchase, not the manufacturer unless the manufacturer was the direct shipper.

The manufacturer's sole obligation under this warranty shall be limited to furnishing the original purchaser replacement parts for units deemed repairable by the supplier's warranty department. The purchaser is responsible for insuring any parts shipped or returned, if desired. The purchaser is responsible to prepay any shipping charges (both ways) including, but not limited to taxes and duties. All exchanged parts and products replaced under this warranty will become the property of manufacturer. The manufacturer reserves the right to change manufacturers of replacement parts or products for use, in order to cover any existing warranty.

The purchaser may be asked to provide the supplier with proof of purchase documents (including the date of purchase) if requested. Any evidence of alteration, erasing, or forgery of proof of purchase documents will be just cause to VOID this limited warranty. Products, in which the serial number has been defaced or removed are not eligible for warranty coverage.

This warranty does not apply if the unit has been subject to negligence, fabrication, misuse, abuse, or repairs, alteration by non-manufacturer authorized personnel, inappropriate installations, or any case beyond the control of the manufacturer. Examples of warranty invalidation may also include, but are not limited to:

- Use of lacquer or paints in (and around) the product
- Product placed on non-approved surfaces
- Electrical requirement deficiencies
- Use on extension cords/timers/surge protectors/GFCI
- Outdoor applications
- Normal wear/tear/weathering
- Pet/consumer accidents
- Purchases from dealers unauthorized by the manufacturer (Authorization in writing)

The manufacturer shall not be liable for any loss due to use (or misuse) of the product or other incidental or consequential costs, expense or damages without irrefutable foundations. Under no circumstances shall the manufacturer or any of its representatives be held liable for injury to any person or damage to any property, however arising. Any implied warranty shall have duration equal of the applicable warranty stated above. Specifications are subject to change without notice or obligation.

This limited warranty gives the original purchaser specific legal rights. Other rights may vary from state to state.

