

# 1612708 Treadmill

## Service Manual





## **WARNING:**

**ALWAYS UNPLUG THE TREADMILL FROM THE ELECTRICAL  
OUTLET BEFORE SERVICING THE UNIT.**

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## DESCRIPTION

### A ELECTRICAL CONFIGURATION

**Note:** *Electrical servicing of this treadmill is limited to board level replacement.*

#### 1. 1612708 TREADMILL COMPONENTS

- a) Safety key:  
*Magnetic key that fits in the Console to activate all functions.*
- b) Console:  
*Interface that controls all functions of the treadmill.*
- c) Main controller:  
*A circuit board that incorporates the DC power supply and takes input from the console and sends out appropriate voltages that control the treadmill functions.*
- d) Treadmill motor:  
*A variable speed, 0 -110 volts D.C. motor that powers the main running belt.*
- e) Incline motor:  
*An AC reversing motor that sets the incline of the treadmill.*

## **B GENERAL INFORMATION**

### **1. CONSOLE**

- a) Contains touch controls and LCD windows Display.

### **2. MAIN CONTROLLER**

- a) Contains power supply and control circuits.

### **3. TREADMILL MOTOR**

- a) Variable speed 0-110 volts DC motor. Have three wires, red, white and green.
- b) If there is DC voltage on the Red wire (M+) the treadmill motor will turn clockwise.
- c) If there is DC voltage on the White wire (M-) the treadmill motor will turn counter-clockwise.
- d) The higher the voltage the faster the motor turns.
- e) The Green wire is ground.

### **4. INCLINE MOTOR**

- a) Reversing 110 volts AC motor.
- b) Have four wires, red, black, white and green.
- c) Has one 3 pins cable of position sensor.
- d) If there is AC voltage on the Red wire (DOWN) the incline motor will increase the incline.
- e) If there is AC voltage on the Black wire (UP) the incline motor will decrease the incline.
- f) The White wire (COM) is neutral.

g) The Green wire is ground.



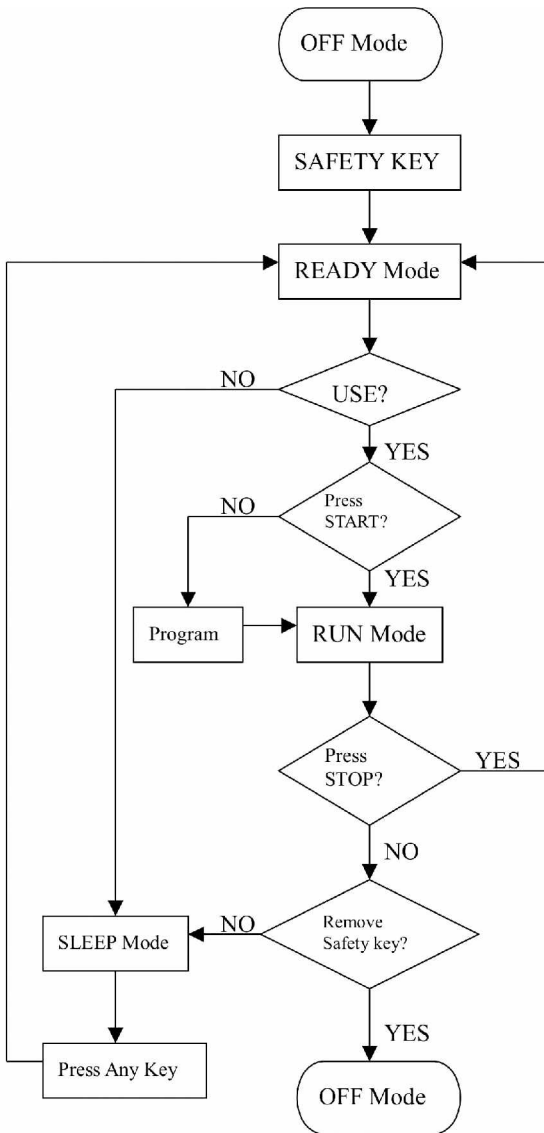


Figure 1 Operational Flowchart

# **OPERATION**

## **A WINDOW DISPLAY MODE**

### **1. OFF MODE**

- a) When user doesn't insert the SAFETY KEY on the console, the treadmill enters the OFF Mode and all windows will appear blank.

### **2. READY MODE**

- a) When the treadmill is ON and the SAFETY KEY is inserted in console, the dot matrix will show "SELECT PROGRAM".
- b) Press ST/SP button to start treadmill on Manual mode.

### **3. SLEEP MODE**

- a) In SLEEP Mode, if "ST/SP" is pressed then the treadmill enters READY Mode.

### **4. RUN MODE**

- a) In RUN Mode, pressing the "ST/SP" button and removing the SAFETY KEY will cause the treadmill stop instantly and enter OFF Mode.
- b)

## B FUNCTION

### 1. SPEED

- a) Displays the current speed in Kilometer per hour.
- b) DISPLAY range is 0.0 to 99.9 km.
- c) WORK range is 1.0 to 16.0 km.
- d) Press “FAST” or ”SLOW” to adjust speed, each increment and decrement is 0.1 km.

### 2. INCLINE

- a) Displays the incline position from 0 to 10.
- b) DISPLAY range is 0 to 999.
- c) WORK range is 0 to 10.
- d) INCLINE preset value is 0 to 10.
- e) Press “UP” or “ DOWN ” to adjust incline, each increment and decrement is 1.

### 3. TIME

- a) TIME is either COUNT UP or COUNT DOWN. System preset is COUNT UP; if user sets the time then timer is COUNT DOWN.
- b) DISPLAY range is 0:00 to 99:59.
- c) WORK range is 0:00 to 99:59.
- d) COUNT DOWN setting range is 10:00 to 99:00.
- e) When TIME is set, the count will go to zero.

- f) In RUN Mode, press “ST/SP” button to save value of time and enter “RUN Mode” again that value will continue count up time.

#### **4. PROGRAM/LAPS**

- a) Display the total working lap quantity, LAPS and PROGRAM state display in Dot Matrix window and pressing “ENTER” button will toggle between them.
- b) DISPLAY range is 0 to 99.
- c) WORK range is 0 to 99.
- d) Displays total lap quantity.

#### **5. DISTANCE**

- a) Displays the current distance in kilometer.
- b) DISPLAY range is 0.00 to 99.9.
- c) WORK range is 0.00 to 99.9.
- d) COUNT DOWN setup range is 0.10 to 99.90.

#### **6. CALORIES**

- a) Displays the cumulative calories burned at any given time during your workout.
- b) DISPLAY range is 0.0 to 999.0.
- c) WORK range is 0.0 to 999.0.
- d) COUNT DOWN setup range is 1.0 to 999.0.

#### **7. PULSE**

Displays the heart beat by using hand pulse or receiver. If use receiver, then a chest belt must be worn.

- a) DISPLAY range is 0 to 999.
- b) WORK range is 60 to 220.
- c) In RUN Mode, if the treadmill doesn't have a signal for 8 seconds then display value will become "P".

## C FUNCTION BUTTON IN MAIN MODE

### 1. READY MODE

- a) SAFETY KEY: Put safety key in position to power on the computer. When safety key is pulled away from its position, the computer will be automatically shut down.
- b) ST/SP button: Press “ST/SP” button to start training. When pressing “ST/SP” button, there will be 3 seconds final count down by a buzzer, then machine starts running. In MANUAL, treadmill starts at MIN SPEED and treadmill starts at program preset value in PROGRAM.
- c) Enter button: Press “ENTER” button to change each function. MANUAL can set using time, Pre-set PROGRAM can set using time and speed, User Program 1~2 can set time, speed and incline. Press “ENTER” button for 2 seconds to reset all screen data.
- d) Program button: Press “Program” button to select manual.
- e) Pre-set Program button: Press “Program ” button to select training in different program profiles.
- f) User Program button: Press “ Program ” button to select in different User program.
- g) Select button: In P1~P5 program status, press ”Select” button to select the executing mode: speed + incline, speed or incline.
- h) FAST button: If user doesn’t enter a setting then this button is non-functional.
- i) SLOW button: If user doesn’t enter a setting then this button is non-functional.
- j) UP button: If user doesn’t enter a setting then this button is non-functional.
- k) DOWN button: If user doesn’t enter a setting then this button is non-functional.

- l) **SPEED RAPID** button: 5 preset buttons for rapid speed: 2 kph / mph, 4 kph / mph, 6 kph / mph, 8 kph / mph, and 10 kph / mph. User can press the 5 buttons, mentioned above, at any time, to start treadmill and treadmill will automatically adjust to preset speed.
  
- m) **INCLINE RAPID** button: 5 preset buttons for rapid incline: 2, 4, 6, 8, 10. User can press the 5 buttons, mentioned above, at any time, to start treadmill and treadmill will automatically adjust to preset elevation.

## 2. RUN MODE

- a) SAFETY KEY: When safety key is pulled away from its position, the computer will be automatically shut down.
- b) ST/SP button: press “ST/SP” button to stop treadmill.
- c) ENTER button: Exchange display between LAPS and operation mode.
- d) FAST button: Press the button to increase your speed and each increase is 0.1 kph. If button is pressed continuously then speed increases to MAX SPEED quickly.
- e) SLOW button: Press the button to decrease your speed and each decrease is 0.1kph. If button is pressed continuously then speed decreases to MIN SPEED quickly.
- f) UP button: Press the button to raise position and each increase is 1, the minimum incline position is 10.
- g) DOWN button: Press the button to raise position and each increase is 1, the minimum incline position is 0.
- h) SPEED RAPID button: Speed will set to 2 kph / mph, 4 kph / mph, 6 kph / mph, 8 kph / mph, and 10 kph / mph quickly.
- i) INCLINE RAPID button: Incline will set to 2, 4, 6, 8, 10 position quickly.



## D CALIBRATION PROCEDURE



### 1. CALIBRATION

- a) Turn on power.
- b) Press and hold “ST/SP” and “FAST” button at the same time.
- c) Inserts the SAFETY KEY on console, all windows will appear blank.
- d) Km/Mile Mode: Press “SELECT” button to exchange to Kilometer Mode in SPEED window and the value is km.
- e) Set wheel size: Press “FAST” or “SLOW” button to adjust SPEED window to 2.3.
- f) Press “ST/SP” button to memorize above setting and enter next section of setting mode.
- g) Set Min. speed: Press “FAST” or “SLOW” button to adjust SPEED window to 1.0.
- h) Press “ST/SP” button to memorize above setting and enter next section of setting mode.
- i) Set high speed: Press “FAST” or “SLOW” button to adjust SPEED window to 16.0.
- j) Set high incline position: Press “UP” or “DOWN” button to adjust INCLINE window to 10.
- k) Press “ST/SP” button to memorize all value, the treadmill will calibrate automatically.
- l) After calibrating, treadmill will reset then enter “READY MODE”.

# TROUBLESHOOTING



## WARNING:

ALWAYS UNPLUG THE TREADMILL FROM THE ELECTRICAL  
OUTLET BEFORE SERVICING THE UNIT.

### 1. GENERAL

- a) Do a visual check of all wiring and connections looking for chafed wires or loose connections.
- b) Make sure any wiring is safely positioned and/or secured away from moving parts.
- c) If you find a fuse blown on a circuit board replace the circuit board.

## 2. TROUBLESHOOTING MATRIX

Condition	Reason	Solve
When turn on power, ON/OFF switch isn't lit.	1 Power cord isn't plugged into outlet. 2 Power cord isn't plug into unit. 3 The voltage of outlet is too low. 4 Plug or connector of power cord is open. 5 Connector of power cord is broken. 6 Connecting cable disconnected.  7 Breaker tripped.  8 Breaker is broken. 9 ON/OFF switch is broken.	1 Plug the power cord into outlet. 2 Plug the power cord into unit. 3 Check the voltage of outlet. 4 Replace power cord. 5 Replace power cord. 6 Check if wire is disconnected, connect it again. 7 Press the small red button to return to original status. 8 Replace breaker. 9 Replace A.C switch.
After turning on power, treadmill has a popping sound.	1 Incorrect input power, varistor is blown broken on controller.	1 Check the voltage of power is 110-120V. Replace controller.
When insert safe key, no display on monitor.	1 Haven't switch ON/OFF switch. 2 Insert the Safe key on wrong position. 3 12PIN Computer connector not plugged in properly.	1 Switch the A.C switch. 2 Insert the safe key on right position. 3 Please check the wire and connect again.

Troubleshooting

	<p>4 12PIN computer cable is broken.                      5 Fuse on controller is blown.                      6 Varistor on controller is blown.                      7 Reed switch of console is broken. (open)                      8 Other components are faulty.</p>	<p>4 Replace 12PIN computer cable.                      5 Replace fuse or controller.                      6 Replace varistor or controller.                      7 Replace reed switch or console.                      8 Replace console.</p>
<p>With no safe key but treadmill could display or operate.</p>	<p>1 Reed switch of console is broken. (short)                      2 Have other magnetic components on console.</p>	<p>1 Replace reed switch or console.                      2 Remove magnetic component beside safe key.</p>
<p>When press “START”, treadmill doesn’t start.</p>	<p>1 Motor M+ or M- wire isn’t connected into right position.                      2 Controller is broken. (No power to motor)                      3 Motor is broken.                      4 Treadmill controller shut down and LED would be ON.</p>	<p>1 Please check and plug again.                      2 Replace controller or IGBT G30N60 and add the Silicone Heat Sink Paste suitably.                      3 Replace motor or check the wire and connector if it was broken.                      4 Turn off the AC switch and turn on power again.</p>
<p>Treadmill stops or shuts off by itself.</p>	<p>1 House breaker tripped.                      2 Treadmill breaker tripped.</p>	<p>1 Reset it.                      2 Reset treadmill breaker.</p>

## Troubleshooting

	<p>3 Treadmill controller fuse is broken.</p> <p>4 Treadmill controller shut down and LED would be ON.</p>	<p>3 Replace fuse</p> <p>4 Turn off the AC switch and turn on power again.</p>
After removing safe key, treadmill can't stop.	5 Reed switch of console is broken.	5 Replace reed switch or console.
LEDs not bright, incomplete or imperfect.	1 LED light is broken or power to console too low.	<p>1 Replace LED or console.</p> <p>2 Check AC power is 110-120V</p> <p>3 Check power to console.</p> <p>4 Replace lower controller.</p>
LCD display not bright, incomplete or imperfect.	1 LCD display is broken.	1 Replace console and calibrate it.
When press "START" button to start treadmill, running belt isn't running and window displays "LS" error message after 8 seconds.	<p>1. Controller experienced unusual shut down, the S_D light will be always bright.</p> <p>2. Motor wires (red, black) aren't plugged into controller.</p> <p>3. Computer cables not connected properly.</p> <p>4. Computer cables are broken or damaged.</p> <p>5. Motor belt is broken.</p> <p>6. Controller is broken.</p> <p>7. Motor is broken.</p>	<p>1 Turn off power and reset the treadmill.</p> <p>2 Plug wires again.</p> <p>3 Plug the wire again on controller, connector and console.</p> <p>4. Replace the wires.</p> <p>5. Replace motor belt.</p> <p>6. Replace controller.</p> <p>7. Replace motor.</p>

Troubleshooting

	8. Console is broken.	8. Replace console.
When press “START” button to start treadmill, running belt is running but window displays “LS” error message after 8 seconds.  *Speed sensor cable was broken, (open) console can’t receive the speed.	1. Misalignment between speed sensor and magnet. 2. The 12C508A was broken on the controller. 3. Magnet missing. 4. Magnet de-magnetized. 5. Speed sensor cable is broken. (short) 6. 12 PIN computer cable connected improperly. 7. 12 PIN computer cable is broken. 8. Console is broken.	1 Adjust the distance to 5mm between speed sensor and magnet. 2. Replace “12C508A” or controller. 3. Replace a magnet. 4. Use metal material to test the magnet. 5. Replace sensor cable. 6. Plug the cable again on controller, connector and console. 7. Gray and purple wires got damage, replace the wires. 8. Replace console.
SPEED windows display is not 1.0 to 16.0 km	1 Console is not calibrated.	1 Calibrate the console.
INCLINE windows display is not 0 to 10	1 Console is not calibrated.	1 Calibrate the console.
The speed of the belt doesn’t match console display.	1 Console is not calibrated.	1 Calibrate the console.
The incline position doesn’t match console	1 Console is not calibrated.	1 Calibrate the console.

## Troubleshooting

display.		
INCLINE window displays “E2”.	1 Position sensor value of incline motor is wrong.	1 Turn off the AC switch and turn on power again. 2 Calibrate the monitor.
INCLINE window displays “E2” during training.	1 Position sensor value of incline motor is wrong.	1 Turn off power and reset the treadmill.
INCLINE window displays “----”.	1 Position sensor value of incline motor is wrong.	1 Check the 3 pins cable of the incline motor isn’t on controller jk3
TIME window displays “Err”	1 EEPROM is broken.	1 Replace console and calibrate it.
After pressing “START” button, the treadmill stops immediately.	1 Controller is broken.	1 Turn off the AC switch and turn on power again. 2 Replace controller and calibrate it.
FAST/SLOW button of SPEED ADJUSTMENT SWITCH can’t be used.	1 The connector of SPEED CABLE (UPPER) and CONSOLE not connected properly. 2 The connector of SPEED CABLE (UPPER) and SPEED ADJUSTMENT SWITCH W/CABLE not connected properly. 3 The connector of SPEED CABLE (UPPER) or SPEED ADJUSTMENT SWITCH/W/CABLE is	1 Connect the wires again. 2 Connect the wires again. 3 Replace cable.

Troubleshooting

<p>Speed button just can press FAST, can't press SLOW.</p> <p>Speed button just can press SLOW, can't press FAST.</p>	<p>damaged.</p> <p>4 Button of SPEED ADJUSTMENT SWITCH is broken.</p> <p>5 The connector of SPEED CABLE (UPPER) or is SPEED ADJUSTMENT SWITCH/W/CABLE damage.</p> <p>6 The connector of SPEED CABLE (UPPER) or SPEED ADJUSTMENT SWITCH/W/CABLE got damage.</p>	<p>4 Replace buttons.</p> <p>5 Replace cable.</p> <p>6 Replace cable.</p>
<p>UP/DOWN button of INCLINE ADJUSTMENT SWITCH can't be used.</p>	<p>1 The connector of INCLINE CABLE (UPPER) and CONSOLE not connected properly.</p> <p>2 The connector of INCLINE CABLE (UPPER) and INCLINE ADJUSTMENT SWITCH W/CABLE not connected properly.</p> <p>3 The connector of INCLINE CABLE (UPPER) or INCLINE ADJUSTMENT SWITCH CABLE got damage.</p> <p>4 Button of INCLINE ADJUSTMENT SWITCH is</p>	<p>1 Connect the wires again.</p> <p>2 Connect the wires again.</p> <p>3 Replace the cable.</p> <p>4 Replace buttons.</p>



Troubleshooting

<p>Incline button just can press UP, can't press DOWN.</p> <p>Incline button just can press DOWN, can't press UP.</p>	<p>broken.</p> <p>5 The connector of INCLINE CABLE (UPPER) or INCLINE ADJUSTMENT SWITCH CABLE got damage.</p> <p>6 The connector of INCLINE CABLE (UPPER) or INCLINE ADJUSTMENT SWITCH CABLE damaged.</p>	<p>5 Replace the cable.</p> <p>6 Replace the cable.</p>
<p>Hand pulse lost its function. (No pulse displayed on monitor)</p>	<p>1 Hands not on the hand pulse sensor or only one hand on sensor.</p> <p>2 The connector of HANDPULSE W/WIRE and Console not connected properly.</p> <p>3 The wires got damaged when connecting the HANDPULSE W/WIRE and Console.</p> <p>4 Hand pulse board is broken.</p>	<p>1 Two hands hold the hand pulse.</p> <p>2 Connect the wires again.</p> <p>3 Replace wires.</p> <p>4 Replace console or hand pulse board.</p>
<p>Wireless lost its function. (No pulse displayed on monitor)</p>	<p>1 Chest belt not worn properly.</p> <p>2 Distance is too far and exceeds range of receiver.</p> <p>3 Chest belt battery is weak or dead.</p>	<p>1 Check chest belt has proper contact with skin and is oriented correctly.</p> <p>2 User chest belt in front of console within 3 feet.</p> <p>3 Replace the lithium battery with type CR2032.</p>

## Troubleshooting

Chest belt too close to the treadmill.	1 Weak battery.	1 Replace the lithium battery with type CR2032.
Tread belt does not run in center.	1 Tread belt tension not even across tread belt.	1 See treadbelt adjustment ( <i>see Appendix A</i> )
Tread belt hesitates while being stepped on.	1 Insufficient lubricant on tread belt. Tread belt tension insufficient.	1 See treadbelt lubrication ( <i>see Appendix B</i> ) Tension belt
Black particles collecting under treadmill.	1 Drive belt is breaking in.	1 Vacuum under treadmill periodically.
Noise under motor cover.	1 Worn brushes or bearings on motor. 2 Front roller bearings are defective. 3 Drive belt is misadjusted (too tight or too loose).	1 Replace motor. 2 Replace front roller. 3 Adjust motor position.
Noise in the rear of the treadmill.	1 Rear roller bearings are defective. 2 Rear roller misaligned.	1 Replace rear roller. 2 Adjust rear roller position.

## Troubleshooting

Indicator signal	Function	Condition: LED ON	Reason	Solve
PWM	Motor speed	When motor running, the light would be getting light or dark in accordance with speed.	Don't have input.	Replace controller.
POWER	Controller power	The DC voltage is normal it would be always bright.	Voltage is not correctly. Fuse was broken. Transformer was broken.	To check the voltage is 110-120V. Replace Fuse. Replace controller.
LIMIT	Limit the current of DC motor.	When current of motor exceed 21A, the LED will be bright.  If LIMIT light is bright for 3 to 5 seconds, the S_D light will be bright at the same time.	Loading is too weight.  Operation is not correct, motor lock.	Loading doesn't exceed 150kgs.
S_D	Controller has unusual with shut down.	Controller has unusual with shut down, the S_D light will be always bright.	Motor lock, LIMIT light will be bright for 3 to 5 seconds.	Turn off power and reset the treadmill.
MOT_DRV	Motor has unusual of Drive Circuit.	Motor has unusual of Drive Circuit or protect controller that light will be bright.	Fuse was broken. Drive IC was broken.	Replace controller. Replace "Drive IC".
UP	Motion of incline motor	Motion of incline motor is up.	Fuse was broken.	Replace the controller.
DOWN	Motion of incline motor	Motion of incline motor is down.	Fuse was broken.	Replace the controller.

# DIAGRAMS AND SCHEMATICS



Figure 2 Console Layout

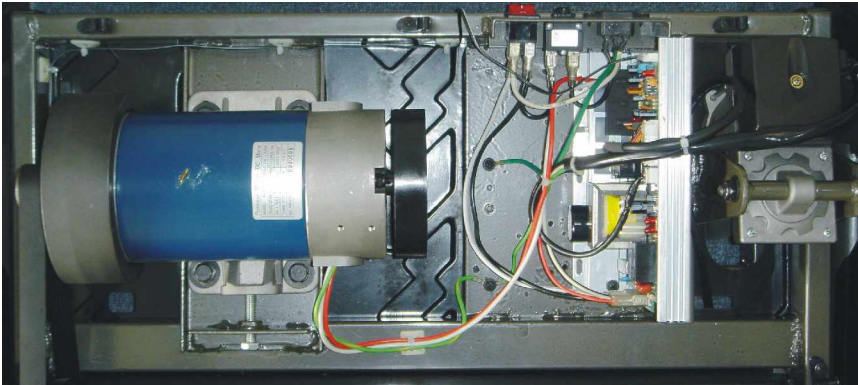


Figure 3 Mechanical Layout

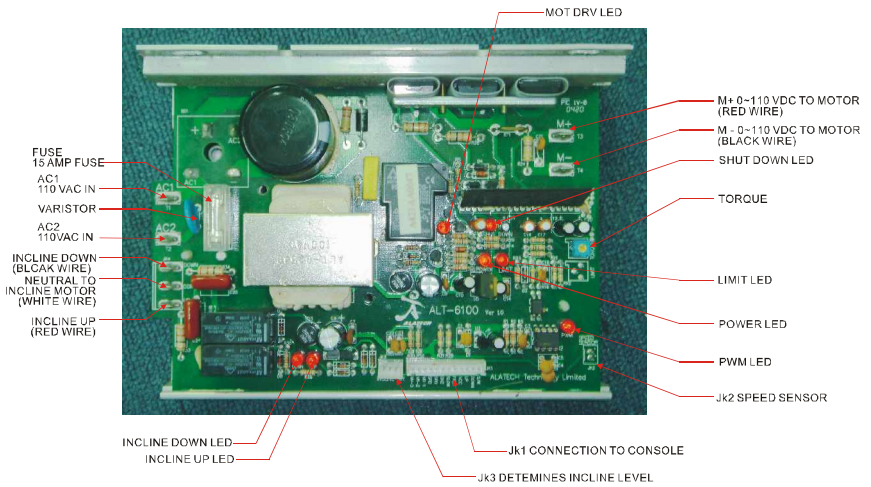


Figure 4 Main Controller information & voltages

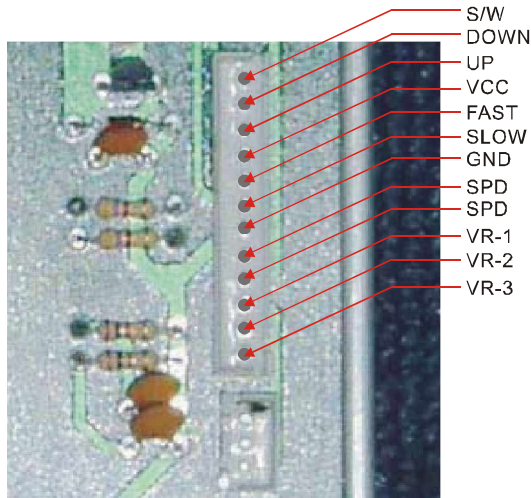


Figure 5 Function JK1 connector on Main Controller

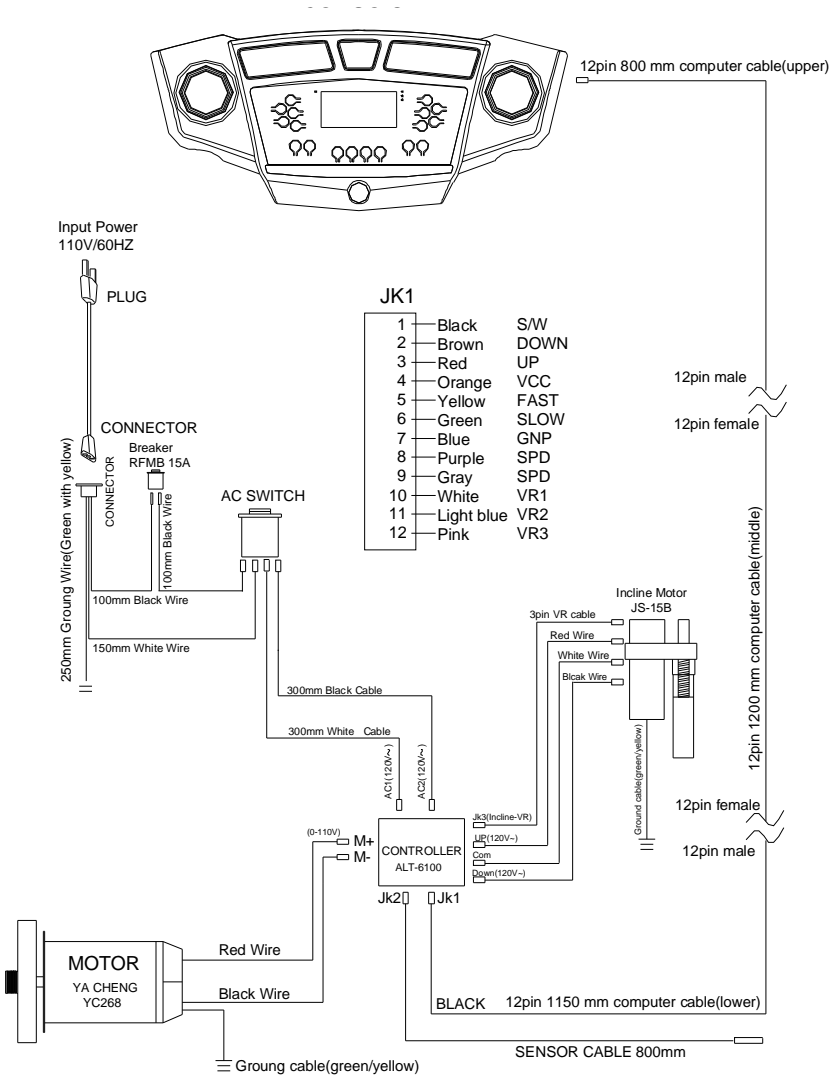


Figure 6 Wiring Diagram

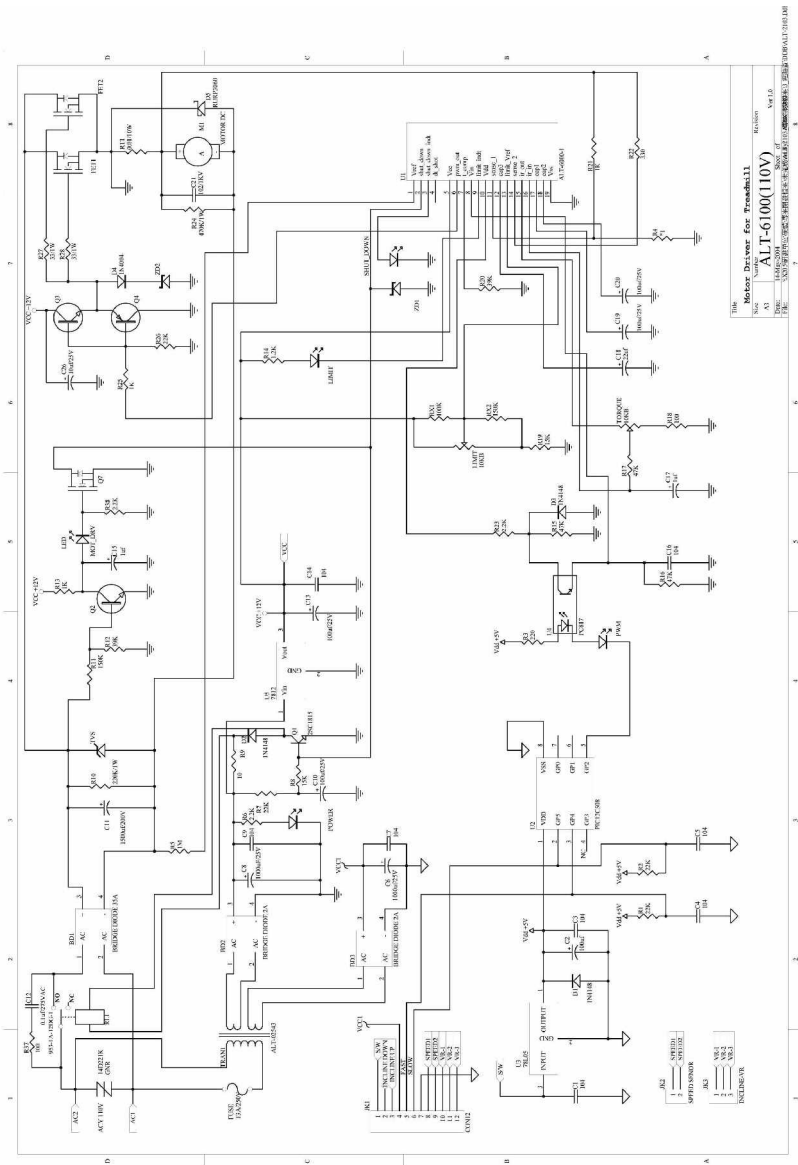
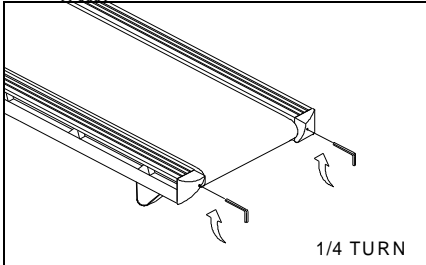


Figure 7 Schematic Diagram

# APPENDIX A

## 1. TREADBELT ADJUSTMENT

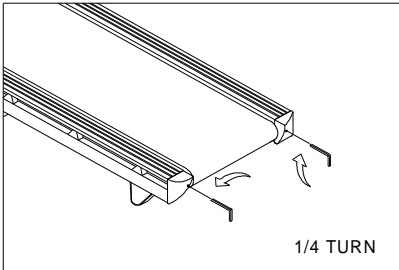
The treadbelt has been factory pre-adjusted, however if during the operation:



### Figure 8 If Treadbelt slips

The treadbelt is too loose:

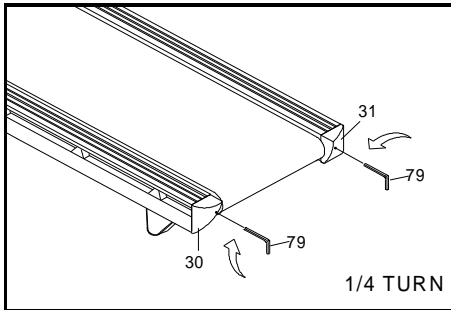
Tighten both rear roller adjusting bolts  
1/4 turn clockwise using allen wrench



### Figure 9 If tread belt shifts too far to the Right

- Set the treadmill speed to 3.5 mph/5.6 km.
- Tighten the right adjusting bolt a 1/4 turn clockwise using allen wrench
- Wait 15 seconds: if no change; turn the left adjusting bolt a 1/4 turn counter-clockwise using allen wrench
- Repeat steps b and c until belt is centered





**Figure 10** If tread belt shifts too far to the Left

- Set the treadmill speed to 3.5 mph/5.6 km.
- Tighten the left adjusting bolt a 1/4 turn clockwise using allen wrench
- Wait 15 seconds: if no change; turn the right adjusting bolt a 1/4 turn counter-clockwise using allen wrench
- Repeat steps b and c until belt is centered

### **IMPORTANT**

#### **DO NOT OVERTIGHTEN TREADBELT**

If treadbelt is overtightened, edges of treadbelt will begin to curl  
**CAUTION!! DO NOT ALLOW ANYONE TO WALK ON TREADBELT WHILE YOU ARE ADJUSTING.**

## APPENDIX B

### 1. TREADMILL LUBRICATION

Your treadmill should require little maintenance other than periodically applying lubricant. Lubricating under the treadbelt will ensure superior performance and extend its life expectancy.

#### **HOW TO CHECK TREADBELT FOR PROPER LUBRICATION**

Lift one side of the treadbelt and feel the top surface of the treadboard. If the surface is (slick) to the touch, then no further lubrication is required. If the surface is dry to the touch, apply one packet of lubricant.

#### **HOW TO APPLY LUBRICANT**

1. Lift one side of treadbelt.
2. Pour one half of the lubricant bottle under the center of the treadbelt on the top surface of the treadboard.
3. Walk on the treadmill at a slow speed for 3 to 5 minutes to evenly distribute lubricant.

NOTE: DO NOT over lubricate treadboard. Any excess lubricant that comes out should be wiped off.

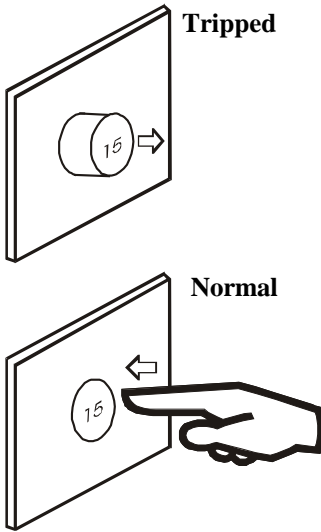
#### **IMPORTANT: ONLY USE HALF THE BOTTLE OF LUBRICANT PER APPLICATION**

#### **LUBRICATION SCHEDULE**

1. After the first 25 hours of use (2-3 months) apply one half bottle of lubricant.
2. Every 50 hours of use (5-8 months) apply one half bottle of lubricant.

We recommend that you use:  
Lube-N-Walk™ Treadmill Lubrication Kit.

## APPENDIX C

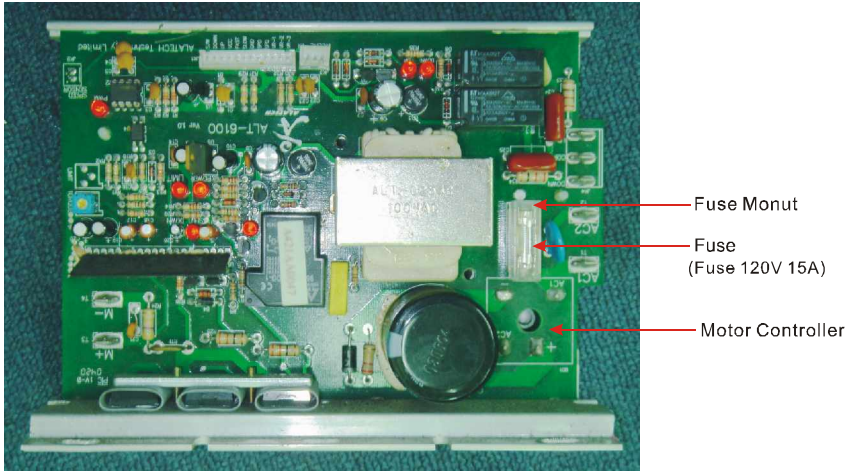


**Figure 11 Resetting Reset switch**

### 1. RESET SWITCH RESETTING

- a) If the red button of reset switch is tripped, it will protrude out from the face of the switch.
- b) Press in the red button of the switch.
- c) If the red button of reset switch is not tripped, that means normal.

## APPENDIX D



### Figure 12 Fuse replacement

#### 1. FUSE REPLACEMENT

If your treadmill loses power or will not start, check the fuse located on the motor controller.

**DANGER:** Turn the power switch off and unplug the treadmill to reduce the risk of an electric shock

Remove the motor cover

Remove and replace the fuse on the motor controller

Replace the motor cover

## **APPENDIX E**

### **1. SPEED SENSOR ADJUSTMENT**

If the monitor does not display speed or distance the speed sensor and magnet may be misaligned. Follow these steps to check and realign.

Remove the motor cover

Check the spacing and alignment between the magnet on the right side of the front roller and the speed sensor on the frame. The spacing must be 1/8".

Loosened screw and slide speed sensor in or out of clamp.

Retighten screw

Replace the motor cover.

### **2. SERVICE QUESTIONS**

Contact: *Maurice Pincoffs 1(888) 707-1880*