

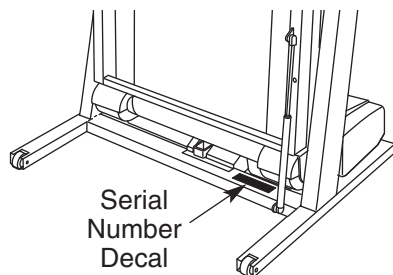
CARDIOTRAINER® 600

Patent Pending

Model No. CTTL038041

Serial No. _____

Write the serial number in the space above for future reference.



QUESTIONS?

If you have questions, or if there are missing parts, we will guarantee complete satisfaction through direct assistance from our factory.

TO AVOID DELAYS, PLEASE CALL DIRECT TO OUR TOLL-FREE CUSTOMER HOT LINE.
The trained technicians on our Customer Hot Line will provide immediate assistance, free of charge to you.

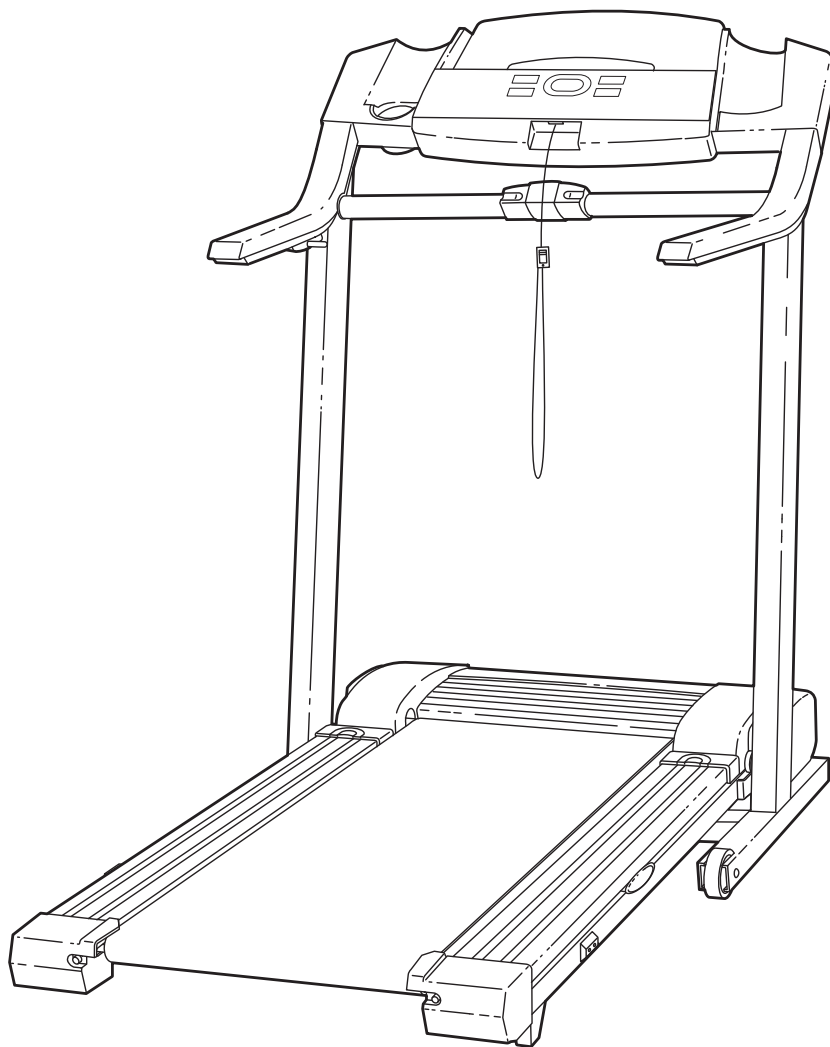
CUSTOMER HOT LINE:

1-866-311-9111

Mon.-Fri., 6 a.m.-6 p.m. MST

⚠ CAUTION

Read all precautions and instructions in this manual before using this equipment. Save this manual for future reference.



USER'S MANUAL

CARDIO TRAINER® 600

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Note: An EXPLODED DRAWING is attached in the center of this manual.

IMPORTANT PRECAUTIONS

⚠ WARNING: To reduce the risk of burns, fire, electric shock, or injury to persons, read the following important precautions and information before operating the treadmill.

1. It is the responsibility of the owner to ensure that all users of this treadmill are adequately informed of all warnings and precautions.
2. Use the treadmill only as described.
3. Place the treadmill on a level surface, with at least eight feet of clearance behind it and two feet 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.
4. Keep the treadmill indoors, away from moisture and dust. Do not put the treadmill in a garage or covered patio, or near water.
5. Do not operate the treadmill where aerosol products are used or where oxygen is being administered.
6. Keep children under the age of 12 and pets away from the treadmill at all times.
7. The treadmill should not be used by persons weighing more than 250 pounds.
8. Never allow more than one person on the treadmill at a time.
9. Wear appropriate exercise clothes when using the treadmill. Do not wear loose clothes that could become caught in the treadmill. Athletic support clothes are recommended for both men and women. *Always wear athletic shoes. Never use the treadmill with bare feet, wearing only stockings, or in sandals.*
10. When connecting the power cord (see page 9), plug the power cord into a surge suppressor (not included) and plug the surge suppressor into a grounded circuit capable of carrying 15 or more amps. No other appliance should be on the same circuit. Do not use an extension cord.
11. Use only a single-outlet surge suppressor that meets all of the specifications described on page 9. To purchase a surge suppressor, see your local **CARDIO TRAINER** dealer or call 1-866-311-9111 and order part number 146148, or see your local electronics store.
12. Failure to use a properly functioning surge suppressor could result in damage to the control system of the treadmill. If the control system is damaged, the walking belt may change speed, accelerate, or stop unexpectedly, which may result in a fall and serious injury.
13. Keep the power cord and the surge suppressor away from heated surfaces.
14. Never move the walking belt while the power is turned off. Do not operate the treadmill if the power cord or plug is damaged, or if the treadmill is not working properly. (See **BEFORE YOU BEGIN** on page 5 if the treadmill is not working properly.)
15. Never start the treadmill while you are standing on the walking belt. Always hold the handrails while using the treadmill.
16. The treadmill is capable of high speeds. Adjust the speed in small increments to avoid sudden jumps in speed.
17. The pulse sensor is not a medical device. Various factors, including the user's movement, may affect the accuracy of heart rate readings. The pulse sensor is intended only as an exercise aid in determining heart rate trends in general.
18. Never leave the treadmill unattended while it is running. Always remove the key, unplug the power cord, and move the reset/off circuit breaker to the "off" position when the treadmill is not in use. (See the drawing on page 5 for the location of the circuit breaker.)
19. Do not attempt to raise, lower, or move the treadmill until it is properly assembled. (See **ASSEMBLY** on page 6, and **HOW TO FOLD AND MOVE THE TREADMILL** on page 15.) You must be able to safely lift 45 pounds (20 kg) to raise, lower, or move the treadmill.
20. Do not change the incline of the treadmill by placing objects under the treadmill.
21. When folding or moving the treadmill, make sure that the storage latch is fully closed.

22. Inspect and properly tighten all parts of the treadmill regularly.

23. Never insert or drop any object into any opening.

24. **DANGER:** Always unplug the power cord immediately after use, before cleaning the treadmill, and before performing the maintenance and adjustment procedures de-

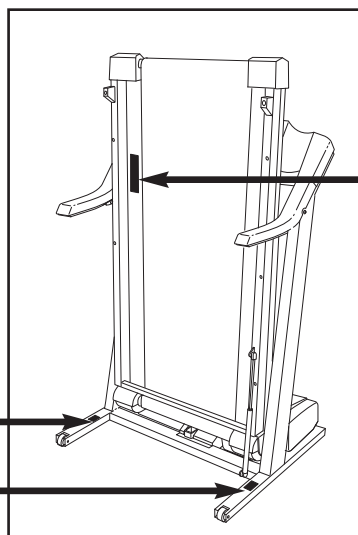
scribed in this manual. Never remove the motor hood unless instructed to do so by an authorized service representative. Servicing other than the procedures in this manual should be performed by an authorized service representative only.

25. This treadmill is intended for in-home use only. Do not use this treadmill in any commercial, rental, or institutional setting.

⚠ WARNING: Before beginning this or any exercise program, consult your physician. This is especially important for persons over the age of 35 or persons with pre-existing health problems. Read all instructions before using. ICON assumes no responsibility for personal injury or property damage sustained by or through the use of this product.

SAVE THESE INSTRUCTIONS

The decals shown below have been placed on your treadmill. If a decal is missing, or if it is not legible, please call our Customer Service Department, toll-free, and order a free replacement decal (see ORDERING REPLACEMENT PARTS on the back cover of this manual). Apply the decal in the location shown.



Note: The decals may not be shown at actual size.

⚠ WARNING:
Protect yourself and others from risk of serious injury. Read the user's manual and :



- Stand only on the side rails when starting or stopping treadmill.
- Change speed in small increments.
- Hold handrails to prevent falling, and always wear the safety clip while operating treadmill.
- Stop if you feel faint, dizzy, or short of breath.
- Fully engage storage latch before treadmill is moved or stored.
- Reduce incline to its lowest level before folding treadmill into storage position.



- Never allow children on or around treadmill.
- Remove key when not in use.



- Keep clothing, fingers, and hair away from moving belt.
- Never try to adjust or fix the belt while it is moving.
- Always wear athletic shoes while operating treadmill.

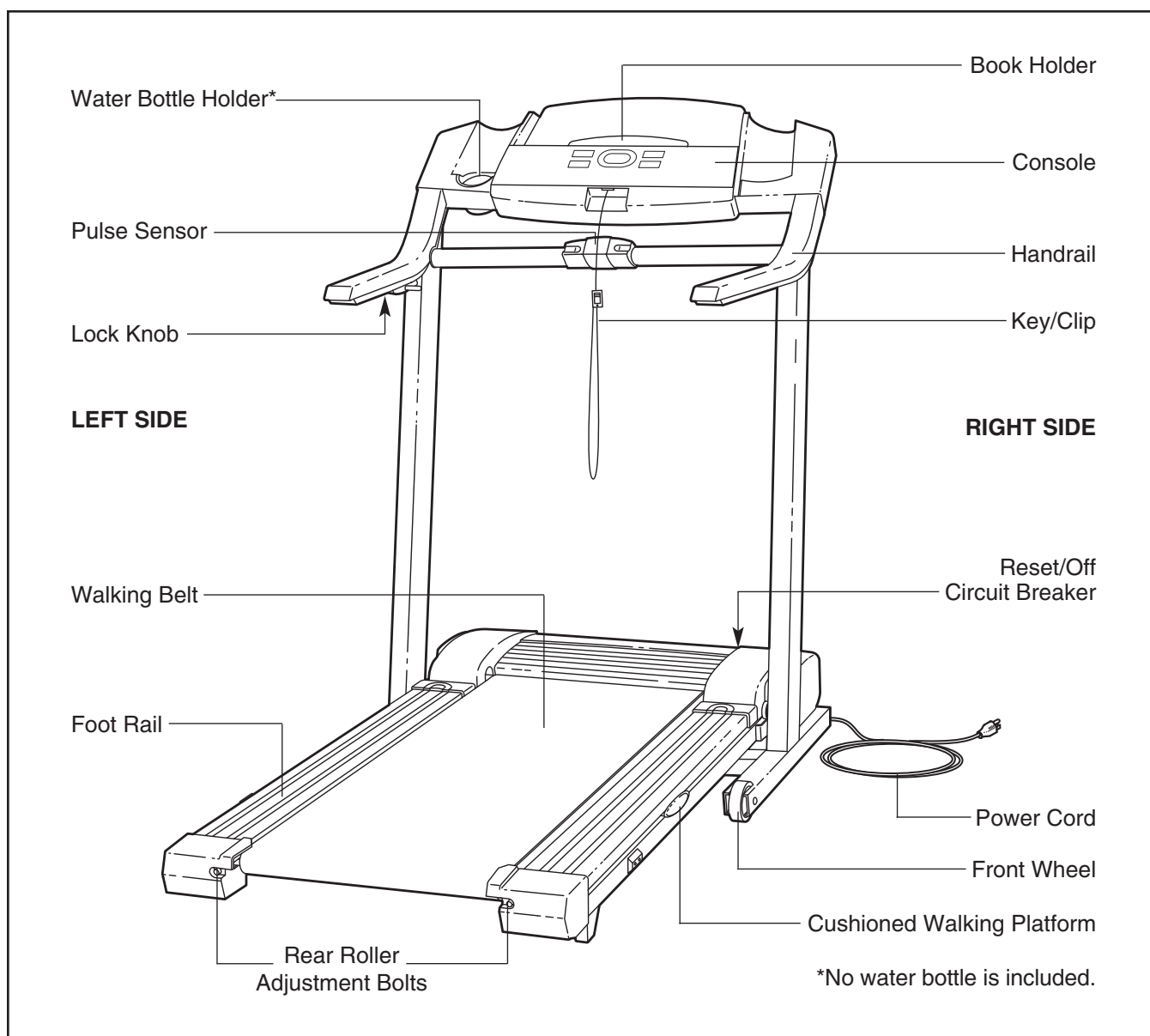
BEFORE YOU BEGIN

Thank you for selecting the revolutionary CARDIO TRAINER® 600 treadmill. The CARDIO TRAINER 600 treadmill combines advanced technology with innovative design to help you get the most from your exercise program in the convenience and privacy of your home. And when you're not exercising, the unique CARDIO TRAINER 600 treadmill can be folded up, requiring less than half the floor space of other treadmills.

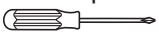
For your benefit, read this manual carefully before using the treadmill. If you have questions after read-

ing this manual, call our Customer Service Department toll-free at 1-866-311-9111, Monday through Friday, 6 a.m. until 6 p.m. Mountain Time (excluding holidays). To help us assist you, please note the product model number and serial number before calling. The model number of the treadmill is CTTL038041. The serial number can be found on a decal attached to the treadmill (see the front cover of this manual for the location).

Before reading further, please review the drawing below and familiarize yourself with the labeled parts.



ASSEMBLY

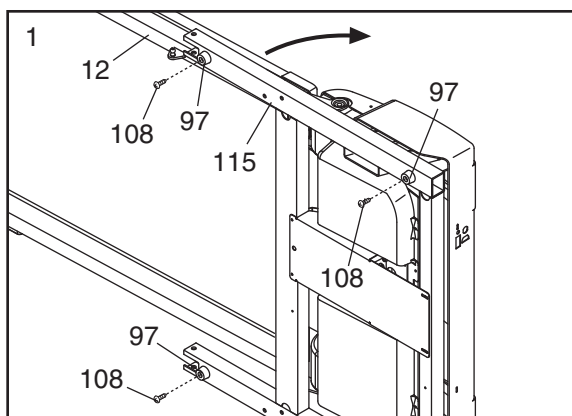
Assembly requires two persons. Set the treadmill in a cleared area and remove all packing materials. Do not dispose of the packing materials until assembly is completed. **Assembly requires your own Phillips screwdriver** , **wire cutters** , **rubber mallet** , and **adjustable wrench** .

Note: The underside of the treadmill walking belt is coated with high-performance lubricant. During shipping, a small amount of lubricant may be transferred to the top of the walking belt or the shipping carton. This is a normal condition and does not affect treadmill performance. If there is lubricant on top of the walking belt, simply wipe off the lubricant with a soft cloth and a mild, non-abrasive cleaner.

1. **Note: Use the PART IDENTIFICATION CHART on page 23 to identify small parts used during assembly. Do not plug in the power cord until all assembly steps are completed.**

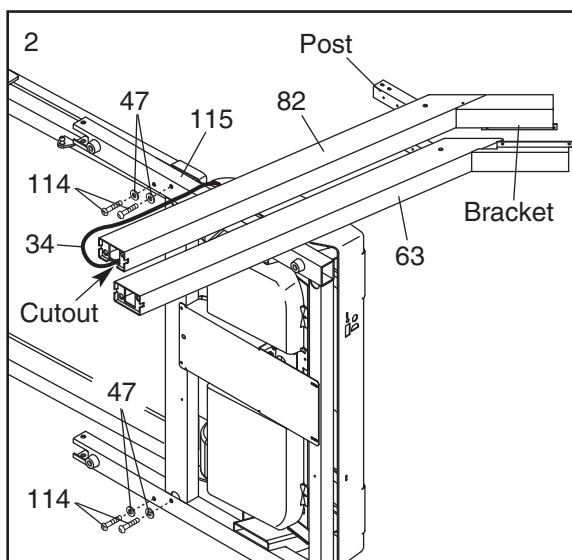
With the help of a second person, carefully tip the treadmill onto its left side as shown. Partially fold the Frame (12) so that the treadmill will be more stable. **Do not fully fold the treadmill until it is completely assembled.**

Attach the four Base Pads (97) to the bottom of the Base (115) with four 1" Tek Screws (108) (three are shown).



2. Identify the Right and Left Uprights (82, 63); the Right Upright has a half-circle cutout in the lower end.

Hold the Right Upright (82) near the Base (115). Orient the Right Upright as shown, **with the indicated post and bracket in the positions shown**. Straighten the Wire Harness (34), and feed it into the lower end of the Right Upright and out of the upper end. Leave enough slack in the lower end of the Wire Harness so that it lies flat on top of the Base (see drawing 3). Make sure that the Wire Harness is routed through the cutout so that it will not be pinched, and hand tighten two 2 1/2" Bolts (114) with Upright Washers (47) into the bottom of the Base and the lower end of the Right Upright. **Do not tighten the Bolts yet.**

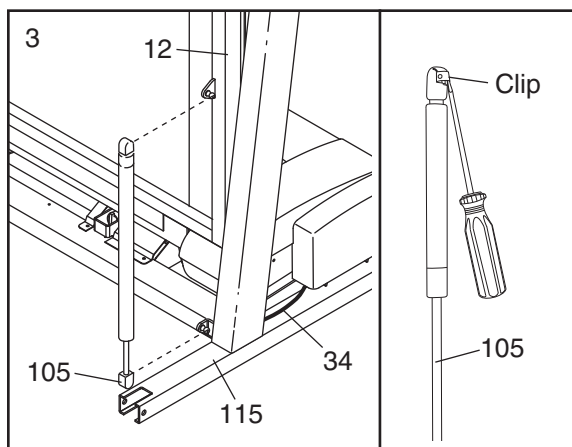


Attach the Left Upright (63) as described above.

Note: There is not a wire harness on the left side.

3. With the help of a second person, carefully raise the Frame (12) to the position shown. **Be careful not to overextend the Frame.**

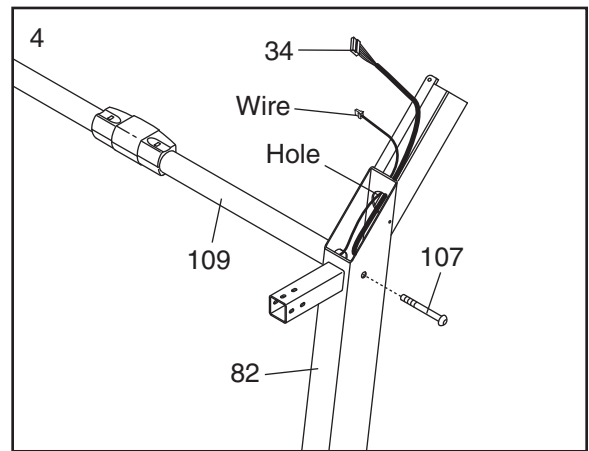
Press the indicated end of the Shock (105) onto the bracket on the Base (115) as shown. Press the other end of the Shock onto the bracket on the Frame (12). Note: It may be necessary to move the Frame forward or backward to align the Shock with the bracket. It may be helpful to use a flat head screwdriver (see the inset drawing) to lift the metal clip on the Shock as you press the Shock onto the bracket. **Do not remove the clip.**



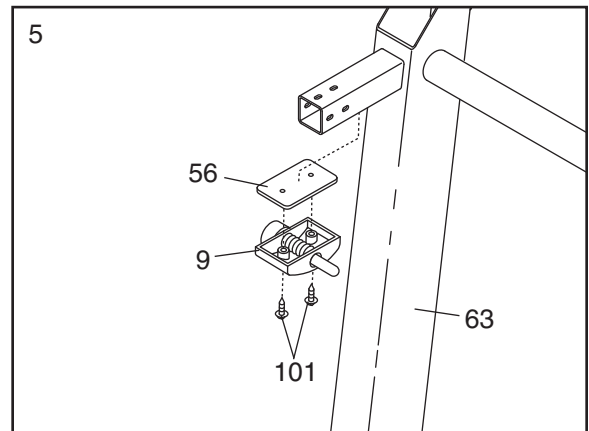
Carefully lower the Frame (12).

4. With the help of a second person, tip the Uprights (82, 63 [not shown]) to the vertical position. Feed the Wire Harness (34) through the indicated hole near the top of the Right Upright (82).

Have another person hold the Pulse Bar (109) near the Right Upright (82). Feed the wire in the Pulse Bar into the hole in the side of the Right Upright and out of the hole near the top. Next, insert the tabs on the end of the Pulse Bar into the Right Upright; if necessary, pull back the foam on the Pulse Bar. Orient the Pulse Bar so that the pulse sensors are on top as shown, and attach the Pulse Bar between the Uprights with two 3 1/2" Bolts (107) (only one side is shown). **Do not to pinch the wires.**

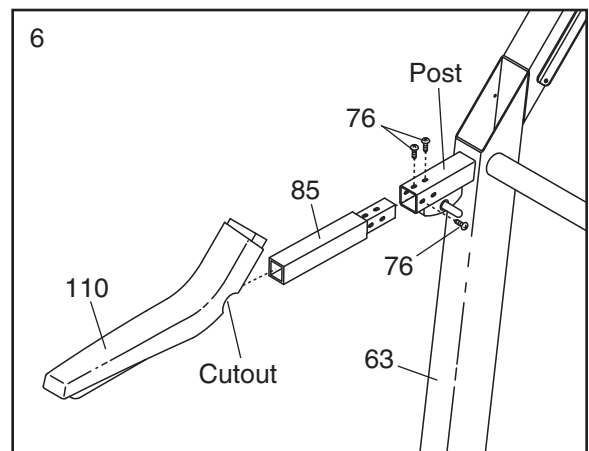


5. Attach the Latch Assembly (9) and the Latch Spacer (56) to the Left Upright (63) with two 3/4" Tek Screws (101) as shown.



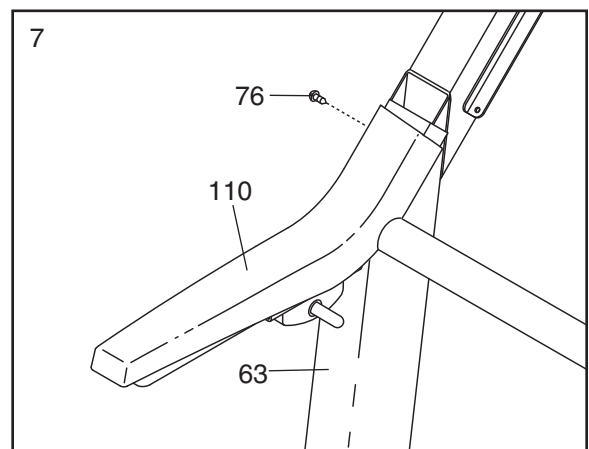
6. Insert a Handrail Extension (85) into the post on the Left Upright (63). Align the holes in the Handrail Extension with the holes in the post. If necessary, tap the Handrail Extension with a rubber mallet to fully insert it. Next, attach the Handrail Extension by tightening **three** 1/2" Tek Screws (76) into the indicated holes. **Note: If there is only one hole in the top of the post, tighten the third Tek Screw into the hole in the left side of the post.**

Identify the Left Foam Grip (110), which has a **large** cutout in the right side. Slide the Left Foam Grip as far as possible onto the post on the Left Upright (63). It may be helpful to apply soapy water to the Handrail Extension (85).



7. Tighten a 1/2" Tek Screw (76) into the left side of the Left Foam Grip (110) as shown. Note: You may need to pull on the side of the Left Foam Grip to align the screw hole with the hole in the Left Upright (63).

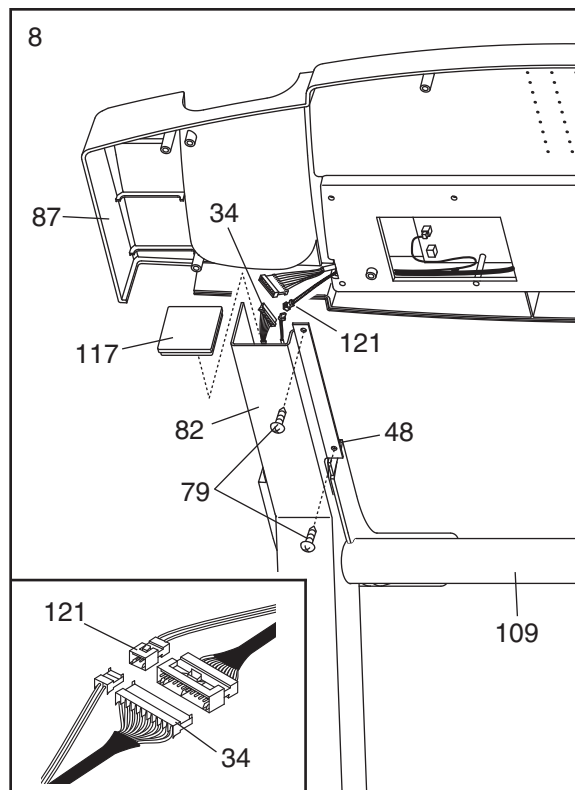
Attach the other Handrail Extension (not shown) and the Right Foam Grip (not shown) as described in step 6 and this step.



8. With the help of a second person, hold the Console Base (87) near the Right Upright (82). Connect the Pulse Wire (34) to the wire from the Pulse Bar (109) and the wires extending from the console assembly to the Wire Harness (98). **The connectors should slide together easily and snap into place. If they do not, turn one connector and try again.** Insert the connectors into the console assembly.

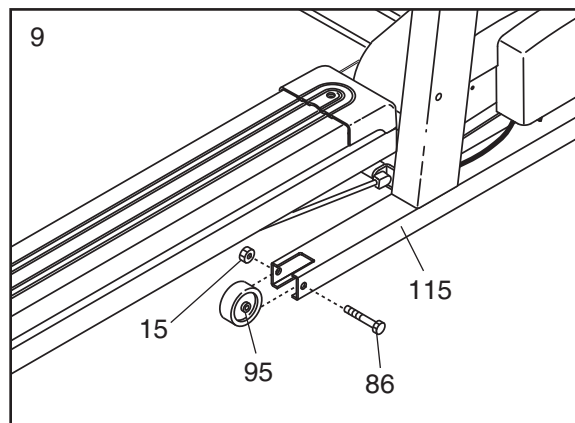
Press an Upright Cap (117) into the end of each Upright (82, 63 [not shown]). Feed the wires into the Right Upright as you set the Console Base (87) on the Uprights. **Make sure that no wires are pinched** and that the front edges of the Foam Grips (48, 110 [not shown]) are under the Console Base.

Feed the excess wires down into the Right Upright (82). Make sure that there is enough slack in the lower end of the Wire Harness (34) so it lies flat on top of the Base (115) (see drawing 3). Attach the Console Base (87) to the Uprights with four 1 1/4" Tek Screws (79). **Start all four Tek Screws before tightening them; do not overtighten the Tek Screws.**



9. Attach a Wheel (95) to the right side of the Base (115) with a Wheel Bolt (86) and a Wheel Nut (15) as shown.

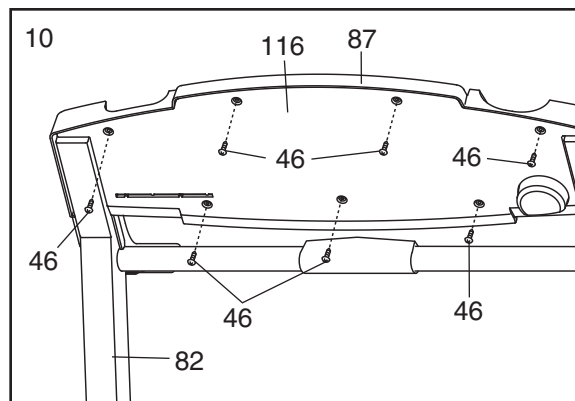
Attach a Wheel to the other side of the Base (not shown) in the same way.



10. Attach the Console Back (116) to the Console Base (87) with seven 1/2" Screws (46). Firmly tighten the Screws.

Carefully lower the Uprights (82, 63 [not shown]). (Note: It may be helpful to place your foot on a Wheel [not shown] as you lower the Uprights.) **Make sure that the frame is centered between the Uprights.**

Firmly tighten the bolts used in assembly step 2. Carefully raise the Uprights (82, 63 [not shown]) to the vertical position.



11. **Make sure that all parts are properly tightened before you use the treadmill. Note: Extra screws may be included.** Keep the included allen wrench in a secure place. The allen wrench is used to adjust the walking belt (see page 18). To protect the floor or carpet from damage, place a mat under the treadmill.

OPERATION AND ADJUSTMENT

THE PRE-LUBRICATED WALKING BELT

Your treadmill features a walking belt coated with high-performance lubricant. **IMPORTANT: Never apply silicone spray or other substances to the walking belt or the walking platform. Such substances will deteriorate the walking belt and cause excessive wear.**

HOW TO PLUG IN THE POWER CORD

! DANGER: Improper connection of the equipment-grounding conductor can result in an increased 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.

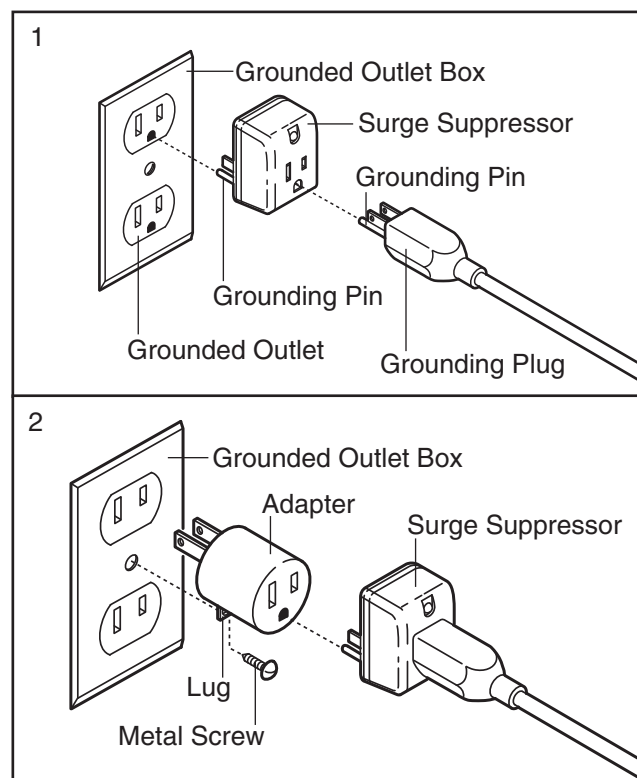
Your treadmill, like any other type of sophisticated electronic equipment, can be seriously damaged by sudden voltage changes in your home's power. Voltage surges, spikes, and noise interference can result from weather conditions or from other appliances being turned on or off. **To decrease the possibility of your treadmill being damaged, always use a surge suppressor with your treadmill (see drawing 1 at the right).** To purchase a surge suppressor, see your local **CARDIO TRAINER** dealer or call 1-866-311-9111 and order part number 146148, or see your local electronics store.

Use only a single-outlet surge suppressor that is UL 1449 listed as a transient voltage surge suppressor (TVSS). The surge suppressor must have a UL suppressed voltage rating of 400 volts or less and a minimum surge dissipation of 450 joules. The surge suppressor must be electrically rated for 120 volts AC and 15 amps. There must be a monitoring light on the surge suppressor to indicate whether it is functioning properly. Failure to use a properly functioning surge suppressor could result in damage to the control system of the treadmill. If the control system is damaged, the walking belt may change speed, accelerate or stop unexpectedly, which may result in a fall and serious injury.

This product must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of elec-

tric shock. This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. **Plug the power cord into a surge suppressor, and plug the surge suppressor into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. Important: The treadmill is not compatible with GFCI-equipped outlets.**

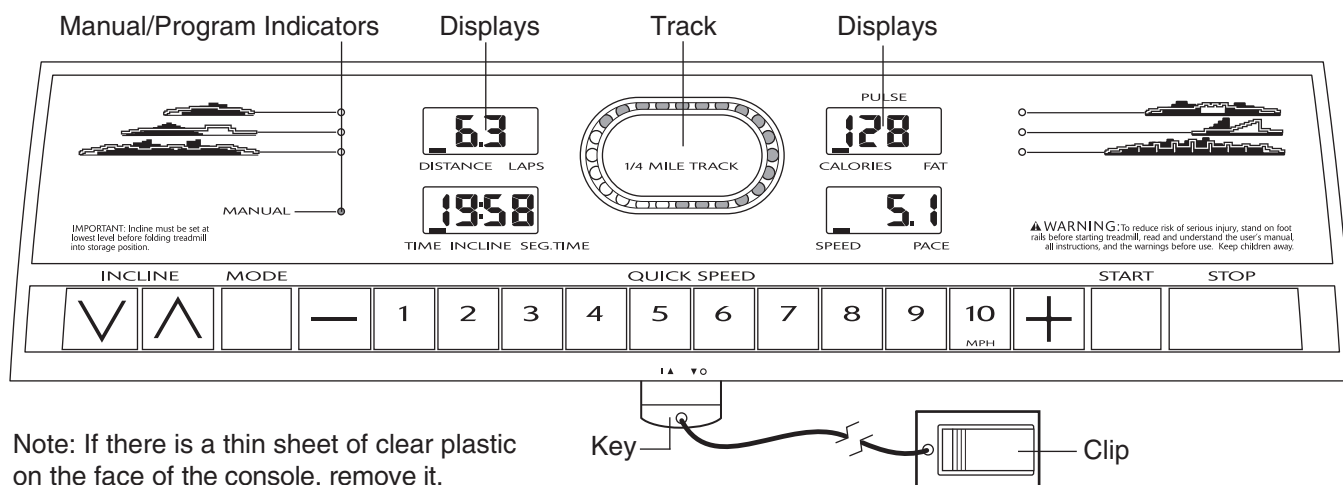
This product is for use on a nominal 120-volt circuit, and has a grounding plug that looks like the plug illustrated in drawing 1 below. A temporary adapter that looks like the adapter illustrated in drawing 2 may be used to connect the surge suppressor to a 2-pole receptacle as shown in drawing 2 if a properly grounded outlet is not available.



The temporary adapter should be used only until a properly grounded outlet (drawing 1) can be installed by a qualified electrician.

The green-colored rigid ear, lug, or the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used it must be held in place by a metal screw. **Some 2-pole receptacle outlet box covers are not grounded. Contact a qualified electrician to determine if the outlet box cover is grounded before using an adapter.**

CONSOLE DIAGRAM



CAUTION: Before operating the console, read the following precautions.

- Do not stand on the walking belt when turning on the power.
- Always wear the clip (see the drawing above) while operating the treadmill.
- Adjust the speed in small increments in order to avoid sudden jumps in speed.
- To reduce the possibility of electric shock, keep the console dry. Avoid spilling liquids on the console and place only a sealed water bottle in the water bottle holder.

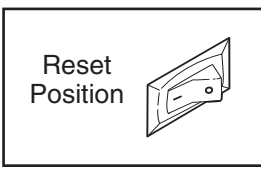
FEATURES OF THE CONSOLE

The treadmill console offers an impressive array of features designed to help you get the most from your exercise. When the manual mode of the console is selected, the speed and incline of the treadmill can be changed with the touch of a button. As you exercise, the LED track and the four displays will provide continuous exercise feedback. You can even measure your heart rate using the built-in thumb pulse sensors. Note: See page 14 for information about an optional chest pulse sensor.

Six preset programs are also offered. Each program automatically controls the speed and incline of the treadmill as it guides you through an effective workout.

To use the manual mode of the console, follow the steps beginning on page 11. To use a preset program, see page 13.

HOW TO TURN ON THE POWER

- 1** Plug in the power cord (see HOW TO PLUG IN THE POWER CORD on page 9).
- 2** Locate the reset/off circuit breaker on the front of the treadmill near the power cord. Make sure that the circuit breaker is in the reset position.
- 3** Stand on the foot rails of the treadmill. Find the clip attached to the key, and slide the clip onto the waistband of your clothes. Next, insert the key into the console. After a moment, the displays and various indicators on the console will light. **Test the clip by carefully taking a few steps backward until the key is pulled from the console. If the key is not pulled from the console, adjust the position of the clip as needed.**

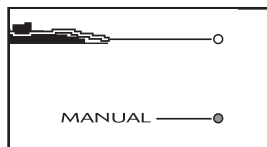
HOW TO USE THE MANUAL MODE

1 Insert the key fully into the console.

See HOW TO TURN ON THE POWER on page 10.

2 Select the manual mode.

When the key is inserted, the manual mode will automatically be selected and the Manual indicator will light. If a program has been selected, press the MODE button repeatedly to reselect the manual mode.



3 Press the START button or the SPEED + button to start the walking belt.

A moment after the button is pressed, the walking belt will begin to move at 1 mph. Hold the handrails and carefully begin walking.

As you exercise, change the speed of the walking belt as desired by pressing the SPEED + and – buttons. Each time a button is pressed, the speed will change by 0.1 mph. If a button is held down, the speed will change in increments of 0.5 mph. To change the speed setting quickly, press the QUICK SPEED buttons. Note: After the buttons are pressed, it will take a moment for the treadmill to reach the selected speed setting.

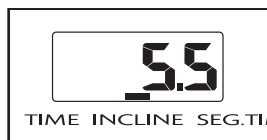


To stop the walking belt, press the STOP button. The TIME/INCLINE/SEG. TIME display will begin to flash. To restart the walking belt, press the START button or the SPEED + button.

During the first few minutes that you use the treadmill, inspect the alignment of the walking belt, and align the walking belt if necessary (see page 18).

4 Change the incline of the treadmill as desired.

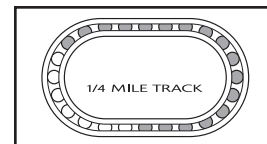
To change the incline of the treadmill, press the INCLINE buttons. Each time a button is pressed, the incline will



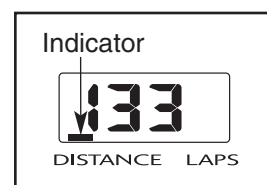
change by 0.5%. The buttons can be held down to change the incline rapidly. Note: After the buttons are pressed, it will take a moment for the treadmill to reach the selected incline setting.

5 Follow your progress with the LED track and the four displays.

The LED Track—The LED track represents a distance of 1/4 mile. As you exercise, the indicators around the track will light in succession until you have completed 1/4 mile. The track will then darken and the indicators will again begin to light in succession.



DISTANCE/LAPS display—This display shows the distance that you have walked or run and the number of laps you have completed. The display will alternate between one number and the other every seven seconds, as shown by the indicator in the display.



TIME/INCLINE/SEG. TIME display—When the manual mode is selected, this display will show the elapsed time and the incline level of the treadmill. Every seven seconds, the display will change from one number to the other, as shown by the indicators in the display. When a preset program is selected, the display will show the *time remaining* in the program, the incline level of the treadmill, and the time remaining in the current segment of the program.

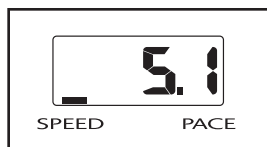


CALORIES/FAT CALORIES/PULSE display—This display shows the approximate numbers of *calories* and *fat calories* you have burned (see FAT BURNING on page 19). Every seven seconds, the display will change from one number to the other, as shown by the indicators in the display. The display will also show your heart rate when you use the thumb pulse sensors (see step 6 on page 12).

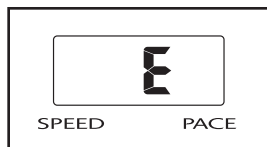


SPEED/PACE

display—This display shows the speed of the walking belt and your current pace (pace is measured in *minutes per mile*). Every seven seconds, the display will change from one number to the other, as shown by the indicators in the display.

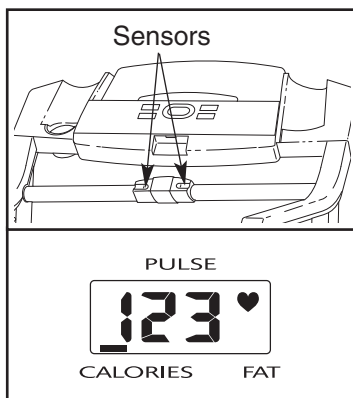


NOTE: The console can display speed and distance in either miles or kilometers. To change the unit of measurement, hold down the STOP button while inserting the key into the console. An E, for English miles, or an M, for metric kilometers, will appear in the SPEED/PACE display. Press the SPEED + button to change the unit of measurement. When the desired unit of measurement is selected, remove the key and then reinsert it.



6 Measure your heart rate, if desired.

Note: When using the thumb pulse sensors, make sure that your hands are clean. The pulse sensor should also be kept clean with a damp cloth and mild detergent. To measure your heart rate, stand on the foot rails



and place **both thumbs** on the pulse sensors. **Do not press too hard, or the circulation in your thumbs will be restricted and your pulse will not be detected.** Next, wait until the heart-shaped indicator in the CALORIES/FAT CALORIES/PULSE display flashes **steadily**. After a few seconds, your heart rate will be shown. Hold your thumbs on the sensors for another 15 seconds for the most accurate reading.

If the displayed heart rate appears to be too high or too low, or if your heart rate is not displayed, lift your thumbs off the sensors and allow the display to reset. Then, place your thumbs on the sensors as described above. Try the pulse sensors several times until you become familiar with it. Remember to stand still while measuring your heart rate.

7 When you are finished exercising, remove the key.

Step onto the foot rails, press the STOP button, and adjust the incline of the treadmill to the lowest level. **The incline must be at the lowest level when the treadmill is raised to the storage position or the treadmill will be damaged.** Next, remove the key from the console and put the key in a secure place. **Note: If the displays and various indicators on the console remain lit after the key is removed, the console is in the “demo” mode. See page 14 and turn off the demo mode.**

When you are finished using the treadmill, move the reset/off circuit breaker near the power cord to the “off” position and unplug the power cord.

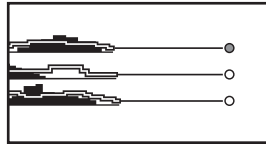
HOW TO USE A PRESET PROGRAM

1 Insert the key fully into the console.

See HOW TO TURN ON THE POWER on page 10.

2 Select one of the preset programs.

To select one of the preset programs, press the MODE button repeatedly until one of the six preset program indicators lights.



The profiles on the left and right sides of the console show how the speed and incline of the treadmill will change during the preset programs. The TIME/INCLINE/SEG. TIME display will show how long the selected program will last.

3 Press the START button or the SPEED + button to start the program.

A moment after the button is pressed, the treadmill will automatically adjust to the first speed and incline settings for the program. Hold the handrails and begin walking.

Each program is divided into several time segments of different lengths. One speed setting and one incline setting are programmed for each segment. When only three seconds remain in the first segment of the program, a series of tones will sound and the treadmill will automatically adjust to the speed and incline settings for the second segment.

The program will continue in this way until the TIME/INCLINE/SEG. TIME display counts down to zero. The walking belt will then slow to a stop.

If the speed or incline setting for the current segment is too high or too low, you can manually override the setting by pressing the SPEED or INCLINE buttons on the console. **However, when the next segment begins, the treadmill will automatically adjust to the next speed and incline settings for the program.**

To stop the program, press the STOP button. The TIME/INCLINE/SEG. TIME display will begin to flash. To restart the program, press the START button or the SPEED + button. To end the program, press the STOP button, remove the key, and then reinsert the key.

4 Follow your progress with the LED track and the four displays.

See step 5 on page 11.

5 Measure your heart rate, if desired.

See step 6 on page 12.

6 When the program is completed, remove the key.

When the program is completed, **make sure that the treadmill is at the lowest incline level.** Next, remove the key from the console and put it in a secure place. **Note: If the displays and indicators on the console remain lit after the key is removed, the console is in the “demo” mode. See page 14 and turn off the demo mode.**

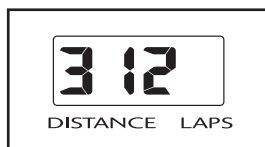
When you are finished using the treadmill, move the reset/off circuit breaker near the power cord to the “off” position and unplug the power cord.

INFORMATION MODE/DEMO MODE

The console features an information mode that keeps track of the total number of hours that the treadmill has been operated and the total number of miles that the walking belt has moved. The information mode also allows you to switch the console from miles per hour to kilometers per hour. In addition, the information mode allows you to turn on and turn off the demo mode.

To select the information mode, hold down the STOP button while inserting the key into the console. When the information mode is selected, the following information will be shown:

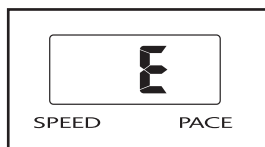
The DISTANCE/LAPS display will show the total number of miles that the walking belt has moved.



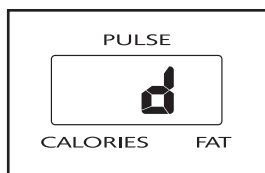
The TIME/INCLINE/SEG. TIME display will show the total number of hours that the treadmill has been used.



An E, for English miles, or an M, for metric kilometers, will appear in the SPEED/PACE display. Press the SPEED + button to change the unit of measurement.



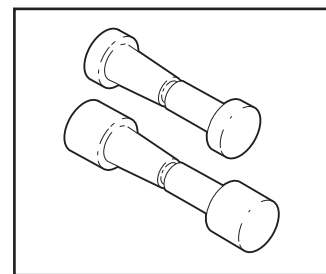
IMPORTANT: The CALORIES/FAT CALORIES/PULSE display should be blank. If a “d” appears in the display, the console is in the “demo” mode. This mode is intended to be used only when a treadmill is displayed in a store. When the console is in the demo mode, the power cord can be plugged in, the key can be removed from the console, and the displays and indicators on the console will automatically light in a preset sequence, although the buttons on the console will not operate. **If a “d” appears in the CALORIES/FAT CALORIES/PULSE display when the information mode is selected, press the SPEED – button so the display is blank.**



To exit the information mode, remove the key from the console.

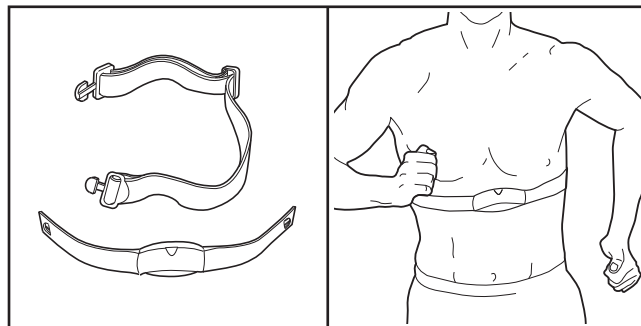
OPTIONAL HAND WEIGHTS

Optional hand weights let you include upper-body exercise in your workouts. The hand weights fit into convenience holders in the console. **To purchase the hand weights, see your local CARDIO TRAINER dealer or call toll-free 1-866-311-9111.**



THE OPTIONAL CHEST PULSE SENSOR

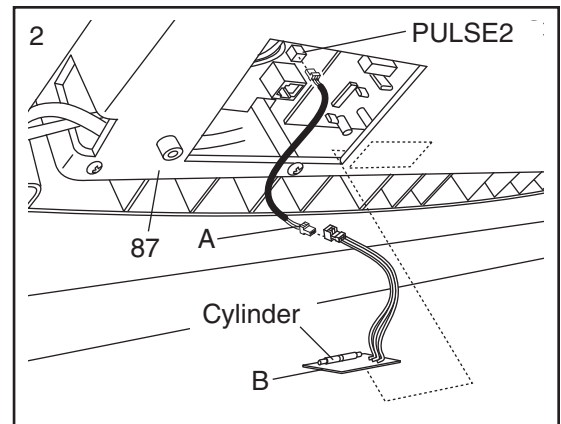
An optional chest pulse sensor adds even more features to the console. The chest pulse sensor provides hands-free operation and continuously monitors your heart rate during your workouts. **To purchase a chest pulse sensor, see your local CARDIO TRAINER dealer or call toll-free 1-866-311-9111.**



If you purchase the optional chest pulse sensor (see page 14), follow the steps below to install the receiver included with the chest pulse sensor.

1. **Make sure that the power cord is unplugged.** See assembly step 10 on page 8. Remove the indicated 1/2" Screws (46) from the Console Back (116). Remove the Console Back.
2. Connect the included short jumper wire (A) to the wire on the receiver (B). Connect the other end of the short jumper wire to the PULSE2 jack on the underside of the Console Base (87). Peel the paper off the pad on the bottom of the receiver, and **turn the receiver so the small cylinder is in the indicated position.** Next, hold the receiver **inside** of the Console Base (87) in the location shown by the dotted line, and firmly press the receiver onto the Console Base. Note: The other wire included with the chest pulse sensor may be discarded. Use the wire tie (not shown) to tie wires if needed.

Make sure that no wires are pinched. Reattach the Console Back (116) with the 1/2" Screws (46).



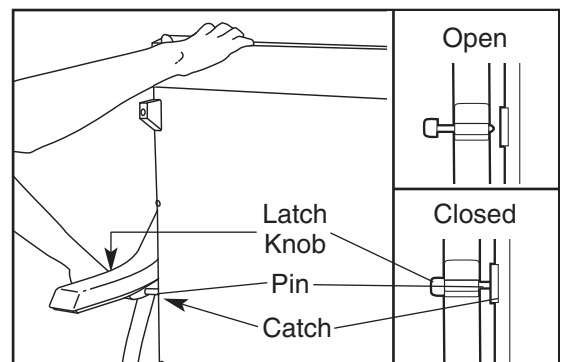
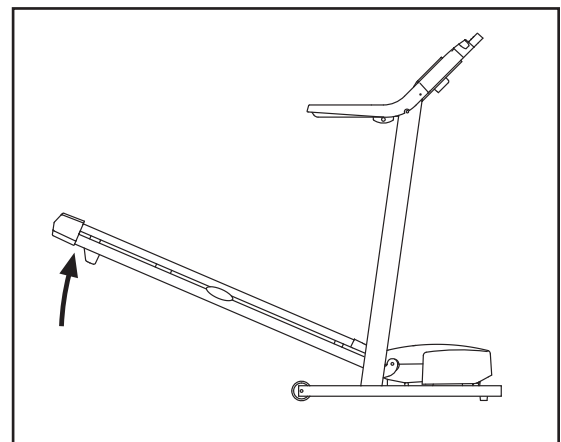
HOW TO FOLD AND MOVE THE TREADMILL

HOW TO FOLD THE TREADMILL FOR STORAGE

Before folding the treadmill, adjust the incline to the lowest position. If this is not done, the treadmill may be permanently damaged. Next, unplug the power cord. **CAUTION:** You must be able to safely lift 45 pounds (20 kg) to raise, lower, or move the treadmill.

1. Hold the treadmill with your hands in the locations shown by the arrow. **CAUTION: To decrease the possibility of injury, bend your legs and keep your back straight. As you raise the treadmill, make sure to lift with your legs rather than your back.** Raise the treadmill about halfway to the vertical position.
2. Move your right hand to the position shown and hold the treadmill firmly. Using your left hand, pull the latch knob to the left and hold it. Raise the treadmill until the latch pin is aligned with the hole in the catch. Insert the latch pin into the catch. **Make sure that the latch pin is fully inserted into the catch.**

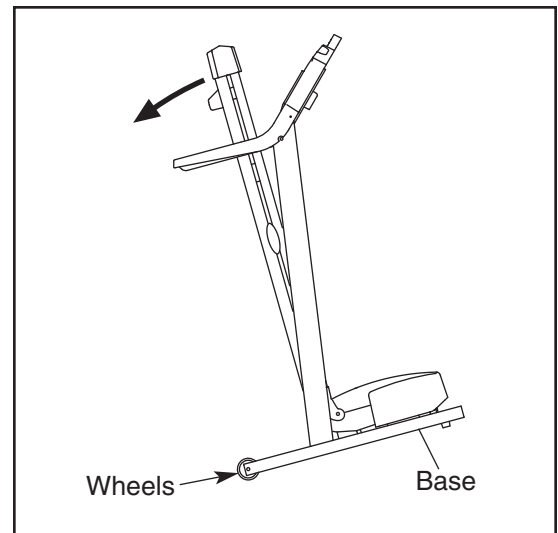
To protect the floor or carpet from damage, place a mat under the treadmill. Keep the treadmill out of direct sunlight. Do not leave the treadmill in the storage position in temperatures above 85° Fahrenheit.



HOW TO MOVE THE TREADMILL

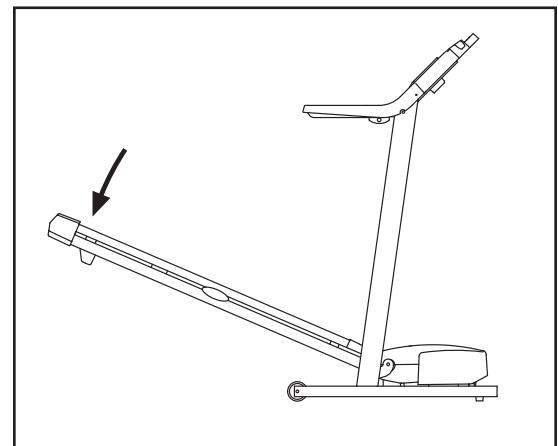
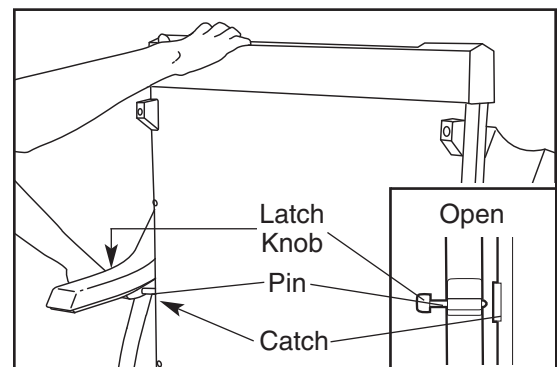
Before moving the treadmill, convert the treadmill to the storage position as described above. **Make sure that the latch pin is fully inserted into the catch.**

1. Hold the handrails and place one foot against a wheel.
2. Tilt the treadmill back until it rolls freely on the wheels. Carefully move the treadmill to the desired location. **Never move the treadmill without tipping it back. To reduce the risk of injury, use extreme caution while moving the treadmill. Do not attempt to move the treadmill over an uneven surface.**
3. Place one foot on the base, and carefully lower the treadmill until it is resting in the storage position.



HOW TO LOWER THE TREADMILL FOR USE

1. Hold the upper end of the treadmill with your right hand as shown. Using your left hand, pull the latch knob to the left and hold it. Pivot the treadmill down until the frame is past the latch pin. Slowly release the latch knob.
2. Hold the treadmill firmly with both hands, and lower the treadmill to the floor. **Do not drop the treadmill frame to the floor. CAUTION: To decrease the possibility of injury, bend your legs and keep your back straight.**



TROUBLESHOOTING

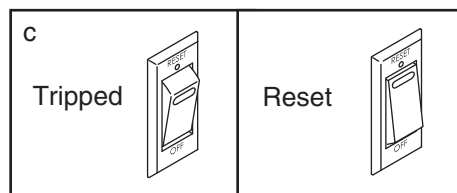
Most treadmill problems can be solved by following the steps below. Find the symptom that applies, and follow the steps listed. If further assistance is needed, please call our Customer Service Department toll-free at 1-866-311-9111, Monday through Friday, 6 a.m. until 6 p.m. Mountain Time (excluding holidays).

PROBLEM: The power does not turn on

SOLUTION: a. Make sure that the power cord is plugged into a surge suppressor, and that the surge suppressor is plugged into a properly grounded outlet (see page 9). Use only a single-outlet surge suppressor that meets all of the specifications described on page 9. Important: The treadmill is not compatible with GFCI-equipped outlets.

b. After the power cord has been plugged in, make sure that the key is fully inserted into the console.

c. Check the reset/off circuit breaker located on the treadmill near the power cord. If the switch protrudes as shown, the circuit breaker has tripped. To reset the circuit breaker, wait for five minutes and then press the switch back in.



PROBLEM: The power turns off during use

SOLUTION: a. Check the reset/off circuit breaker located on the treadmill frame near the power cord (see c. above). If the circuit breaker has tripped, wait for five minutes and then press the switch back in.

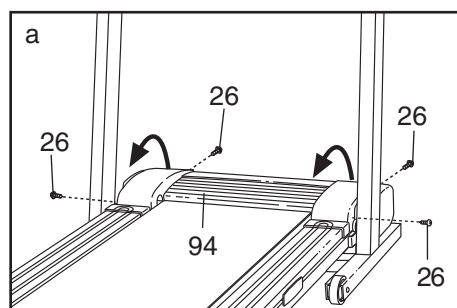
b. Make sure that the power cord is plugged in. If the power cord is plugged in, unplug it, wait for five minutes, and then plug it back in.

c. Remove the key from the console. Reinsert the key into the console.

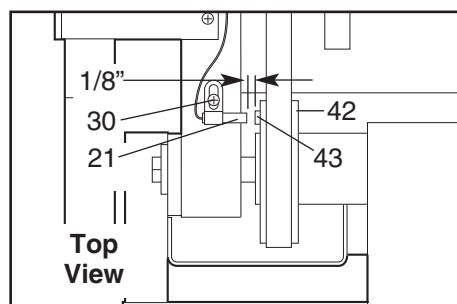
d. If the treadmill still will not run, please call our Customer Service Department, toll-free.

PROBLEM: The speed display on the console does not function properly

SOLUTION: a. Remove the key from the console and **unplug the power cord**. Remove the Hood Screws (26) from the hood and carefully remove the Hood (94).



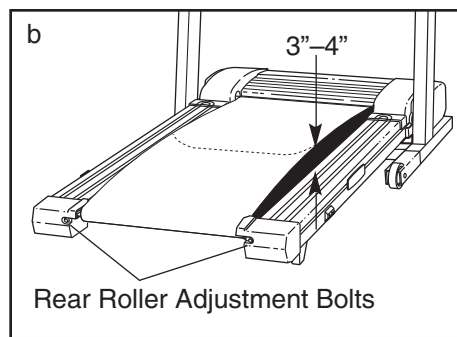
Locate the Reed Switch (21) and the Magnet (43) on the left side of the Pulley (42). Turn the Pulley until the Magnet is aligned with the Reed Switch. **Make sure that the gap between the Magnet and the Reed Switch is about 1/8".** If necessary, loosen the Reed Switch Screw (30), move the Reed Switch slightly, and then retighten the Screw. Run the treadmill for a few minutes to check for a correct speed reading.



PROBLEM: The walking belt slows when walked on

SOLUTION: a. Use only a single-outlet surge suppressor that meets all of the specifications described on page 9.

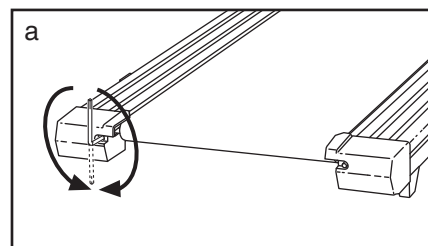
- b. If the walking belt is overtightened, treadmill performance may decrease and the walking belt may become damaged. Remove the key and **UNPLUG THE POWER CORD**. Using the allen wrench, turn both rear roller adjustment bolts counterclockwise, 1/4 of a turn. When the walking belt is properly tightened, you should be able to lift each side of the walking belt 3 to 4 inches off the walking platform. Be careful to keep the walking belt centered. Plug in the power cord, insert the key, and run the treadmill for a few minutes. Repeat until the walking belt is properly tightened.



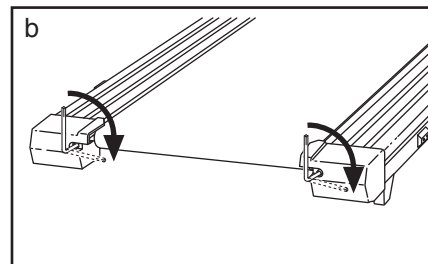
- c. If the walking belt still slows when walked on, call our Customer Service Department, toll-free.

PROBLEM: The walking belt is off-center or slips when walked on

SOLUTION: a. If the walking belt is off-center, first remove the key and **UNPLUG THE POWER CORD**. If the walking belt has shifted to the left, use the allen wrench to turn the left rear roller bolt clockwise 1/2 of a turn; if the walking belt has shifted to the right, turn the bolt counterclockwise 1/2 of a turn. Be careful not to overtighten the walking belt. Plug in the power cord, insert the key, and run the treadmill for a few minutes. Repeat until the walking belt is centered.



- b. If the walking belt slips when walked on, first remove the key and **UNPLUG THE POWER CORD**. Using the allen wrench, turn both rear roller bolts clockwise, 1/4 of a turn. When the walking belt is correctly tightened, you should be able to lift each side of the walking belt 3 to 4 inches off the walking platform. Be careful to keep the walking belt centered. Plug in the power cord, insert the key, and carefully walk on the treadmill for a few minutes. Repeat until the walking belt is properly tightened.



PROBLEM: The incline of the treadmill does not change correctly

SOLUTION: a. With the key inserted in the console, press one of the INCLINE buttons. **While the incline is changing, remove the key.** After a few seconds, re-insert the key. The treadmill will automatically rise to the maximum incline level and then return to the minimum level. This will recalibrate the incline system.

CONDITIONING GUIDELINES

⚠ WARNING: Before beginning this or any exercise program, consult your physician. This is especially important for individuals over the age of 35 or individuals with pre-existing health problems.

The pulse sensor is not a medical device. Various factors, including your movement, may affect the accuracy of heart rate readings. The sensor is intended only as an exercise aid in determining heart rate trends in general.

The following guidelines will help you to plan your exercise program. For more detailed exercise information, obtain a reputable book or consult your physician.

EXERCISE INTENSITY

Whether your goal is to burn fat or to strengthen your cardiovascular system, the key to achieving the desired results is to exercise with the proper intensity. The proper intensity level can be found by using your heart rate as a guide. The chart below shows recommended heart rates for fat burning and aerobic exercise.

HEART RATE TRAINING ZONES								
AEROBIC	165	155	145	140	130	125	115	
MAX FAT BURN	145	138	130	125	118	110	103	
FAT BURN	125	120	115	110	105	95	90	
Age	20	30	40	50	60	70	80	

To find the proper heart rate for you, first find your age near the bottom of the chart (ages are rounded off to the nearest ten years). Next, find the three numbers above your age. The three numbers define your “training zone.” The lower two numbers are recommended heart rates for fat burning; the higher number is the recommended heart rate for aerobic exercise.

To measure your heart rate during exercise, use the pulse sensor.

Fat Burning

To burn fat effectively, you must exercise at a relatively low intensity level for a sustained period of time. During the first few minutes of exercise, your body uses easily accessible *carbohydrate calories* for en-

ergy. Only after the first few minutes does your body begin to use stored *fat calories* for energy. If your goal is to burn fat, adjust the speed and incline of the treadmill until your heart rate is near the lowest number in your training zone.

For maximum fat burning, adjust the speed and incline of the treadmill until your heart rate is near the middle number in your training zone.

Aerobic Exercise

If your goal is to strengthen your cardiovascular system, your exercise must be “aerobic.” Aerobic exercise is activity that requires large amounts of oxygen for prolonged periods of time. This increases the demand on the heart to pump blood to the muscles, and on the lungs to oxygenate the blood. For aerobic exercise, adjust the speed and incline of the treadmill until your heart rate is near the highest number in your training zone.

WORKOUT GUIDELINES

Each workout should include the following three parts:

A Warm-up—Start each workout with 5 to 10 minutes of stretching and light exercise. A proper warm-up increases your body temperature, heart rate and circulation in preparation for exercise.

Training Zone Exercise—After warming up, increase the intensity of your exercise until your pulse is in your training zone for 20 to 60 minutes. (During the first few weeks of your exercise program, do not keep your pulse in your training zone for longer than 20 minutes.) Breathe regularly and deeply as you exercise—never hold your breath.

A Cool-down—Finish each workout with 5 to 10 minutes of stretching to cool down. This will increase the flexibility of your muscles and will help prevent post-exercise problems.

EXERCISE FREQUENCY

To maintain or improve your condition, complete three workouts each week, with at least one day of rest between workouts. After a few months, you may complete up to five workouts each week if desired. The key to success is to make exercise a regular and enjoyable part of your everyday life.

SUGGESTED STRETCHES

The correct form for several basic stretches is shown at the right. Move slowly as you stretch—never bounce.

1. Toe Touch Stretch

Stand with your knees bent slightly and slowly bend forward from your hips. Allow your back and shoulders to relax as you reach down toward your toes as far as possible. Hold for 15 counts, then relax. Repeat 3 times. Stretches: Hamstrings, back of knees and back.

2. Hamstring Stretch

Sit with one leg extended. Bring the sole of the opposite foot toward you and rest it against the inner thigh of your extended leg. Reach toward your toes as far as possible. Hold for 15 counts, then relax. Repeat 3 times for each leg. Stretches: Hamstrings, lower back and groin.

3. Calf/Achilles Stretch

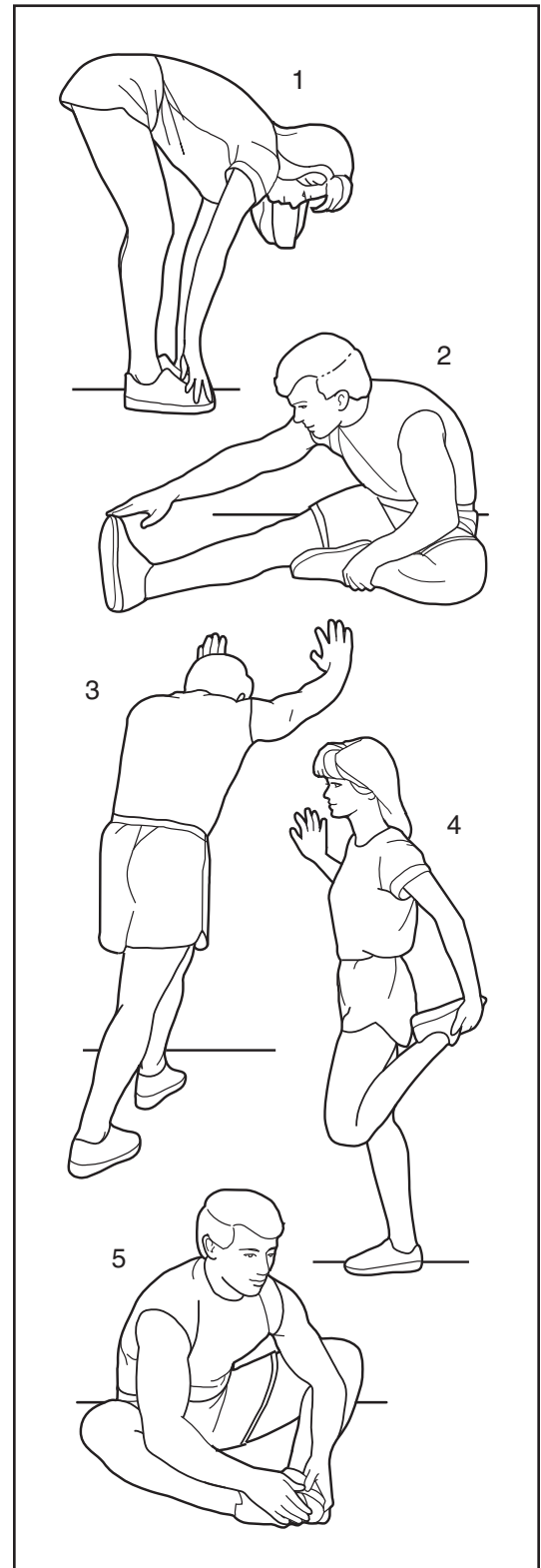
With one leg in front of the other, reach forward and place your hands against a wall. Keep your back leg straight and your back foot flat on the floor. Bend your front leg, lean forward and move your hips toward the wall. Hold for 15 counts, then relax. Repeat 3 times for each leg. To cause further stretching of the achilles tendons, bend your back leg as well. Stretches: Calves, achilles tendons and ankles.

4. Quadriceps Stretch

With one hand against a wall for balance, reach back and grasp one foot with your other hand. Bring your heel as close to your buttocks as possible. Hold for 15 counts, then relax. Repeat 3 times for each leg. Stretches: Quadriceps and hip muscles.

5. Inner Thigh Stretch

Sit with the soles of your feet together and your knees outward. Pull your feet toward your groin area as far as possible. Hold for 15 counts, then relax. Repeat 3 times. Stretches: Quadriceps and hip muscles.



NOTES

PART LIST—Model No. CTTL038041

R1104A

To locate the parts listed below, see the EXPLODED DRAWING attached in the center of this manual.

Key No.	Qty.	Description	Key No.	Qty.	Description
1	1	Motor Belt	50	1	Book Holder
2	1	Pulley/Flywheel/Fan	51	1	Front Belly Pan
3	4	Motor Nut	52	1	Rear Endcap, Left
4*	1	Motor/Pulley/ Flywheel/Fan	53	4	Cable Tie Clamp
5	1	Incline Motor Bolt	54	4	Cable Tie
6	1	Small Nut	55	1	Walking Belt
7	1	Incline Motor	56	1	Latch Spacer
8	1	Stop Bracket	57	1	Rear Roller
9*	1	Latch Assembly	58	1	Belly Pan Spacer
10	1	Hood Bracket Plate	59	2	Rear Foot
11	1	Rear Foot Spacer	60	1	Rear Foot Screw, Right
12	1	Frame	61	1	Ground Wire
13	2	Interface Bracket	62	4	Controller Screws
14	1	Incline Motor Pivot Bolt	63	1	Left Upright
15	8	Incline Motor Nut/Wheel Nut	64	1	Rear Endcap, Right
16	4	Guide Screw	65	2	Rear Roller Adj. Bolt
17	2	Incline Pivot Nut	66	1	Motor
18	2	Hood Bracket, Short	67	1	Latch Decal
19	1	Hood Bracket, Long	68	4	Platform Screw
20	2	Warning Decal	69	4	Base Pad Screw
21	1	Reed Switch	70	1	Catch
22	1	Reed Switch Clip	71	1	Walking Platform
23	1	Motor/Controller Wire	72	5	8" Cable Tie
24	1	Controller	73	1	Frame Guide
25	1	Electronics Bracket	74	1	Motor Tension Bolt
26	5	Hood Screw	75	2	Foot Rail Insert
27	1	Power Cord	76	15	1/2" Tek Screw
28	1	Power Cord Grommet	77	1	Console
29	1	Reset/Off Circuit Breaker	78	1	Ground Washer
30	18	Hood Bracket Screw/Incline Shield Screw	79	10	1 1/4" Tek Screw
31	1	Incline Base	80	2	Front Isolator
32	2	Frame Pivot Bolt	81	4	Motor Star Washer
33	2	Frame Pivot Spacer	82	1	Right Upright
34	1	Wire Harness	83	2	Incline Base Pivot Bolt
35	1	Front Roller Adj. Bolt	84	1	Incline Disk
36	2	Roller Adj. Washer	85	2	Handrail Extension
37	1	Motor Tension Nut	86	2	Wheel Bolt
38	4	Motor Bolt	87	1	Console Base
39	4	Cap Screw	88	1	Motor Tension Washer
40	1	Left Foot Rail Cap	89	8	3/4" Screw
41	2	Foot Rail	90	1	Key/Clip
42	1	Front Roller/Pulley	91	1	Incline Motor Plate
43	1	Magnet	92	1	Right Foot Rail Cap
44	4	Platform Screw	93	1	Motor Tension Bushing
45	2	Isolator	94	1	Motor Hood
46	14	1/2" Screw	95	2	Front Wheel
47	4	Upright Washer	96	1	Incline Motor Shield
48	1	Right Foam Grip	97	4	Thick Base Pad
49	2	Belt Guide	98	1	Incline Sensor Switch
			99	1	Upright Grommet
			100	1	Allen Wrench

Key No.	Qty.	Description
101	21	3/4" Tek Screw
102	1	20" Wire Harness
103	4	U-nut
104	2	Base Endcap
105	1	Shock
106	1	Choke
107	2	3 1/2" Bolt
108	4	1" Tek Screw
109	1	Pulse Bar
110	1	Left Foam Grip
111	1	Trim Guard
112	1	Shield
113	1	Small Bolt
114	4	2 1/2" Bolt
115	1	Base

Key No.	Qty.	Description
116	1	Console Back
117	2	Upright Cap
118	2	Incline Motor Spacer
119	2	Base Pad
120	1	Right Frame Guide
121	1	Pulse Wire
#	1	4" Blue Wire, 2F
#	1	4" Black Wire, 2F
#	1	4" Green Wire, F/Ring
#	1	User's Manual

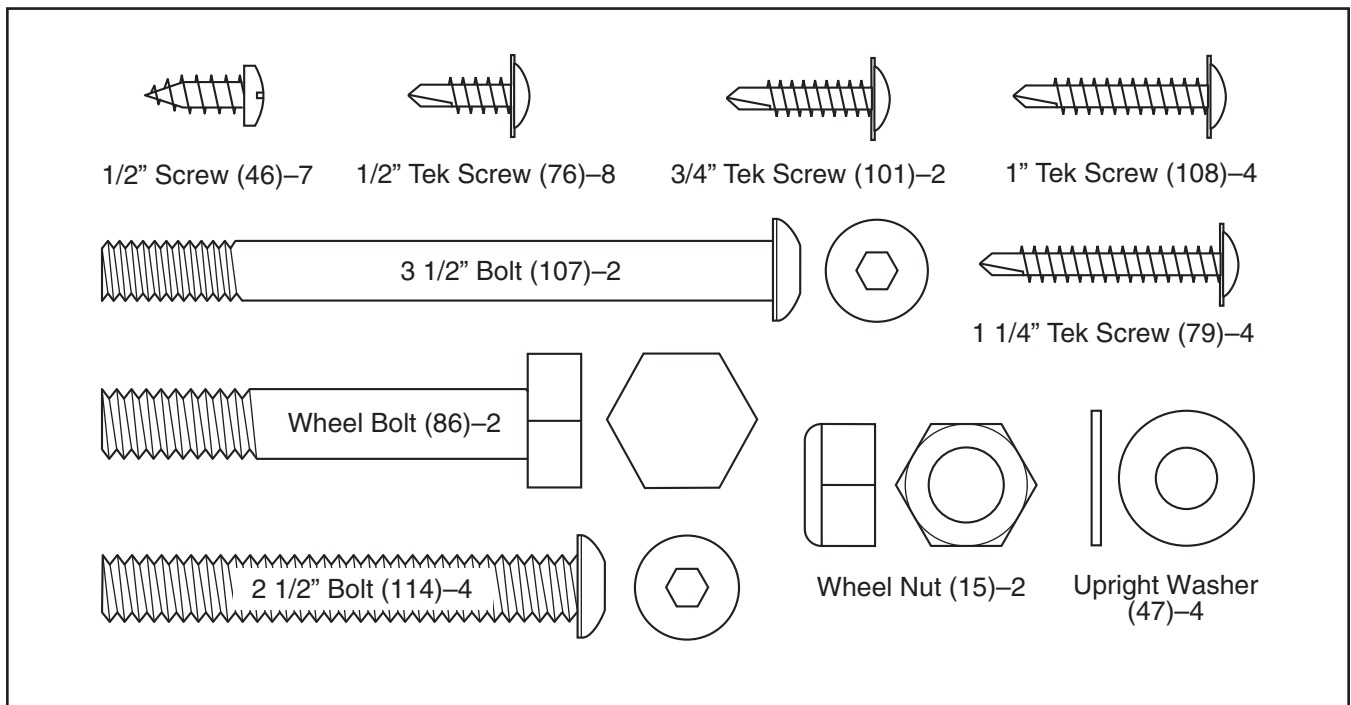
*Includes all parts shown in the box.

#These parts are not illustrated.

Specifications are subject to change without notice.

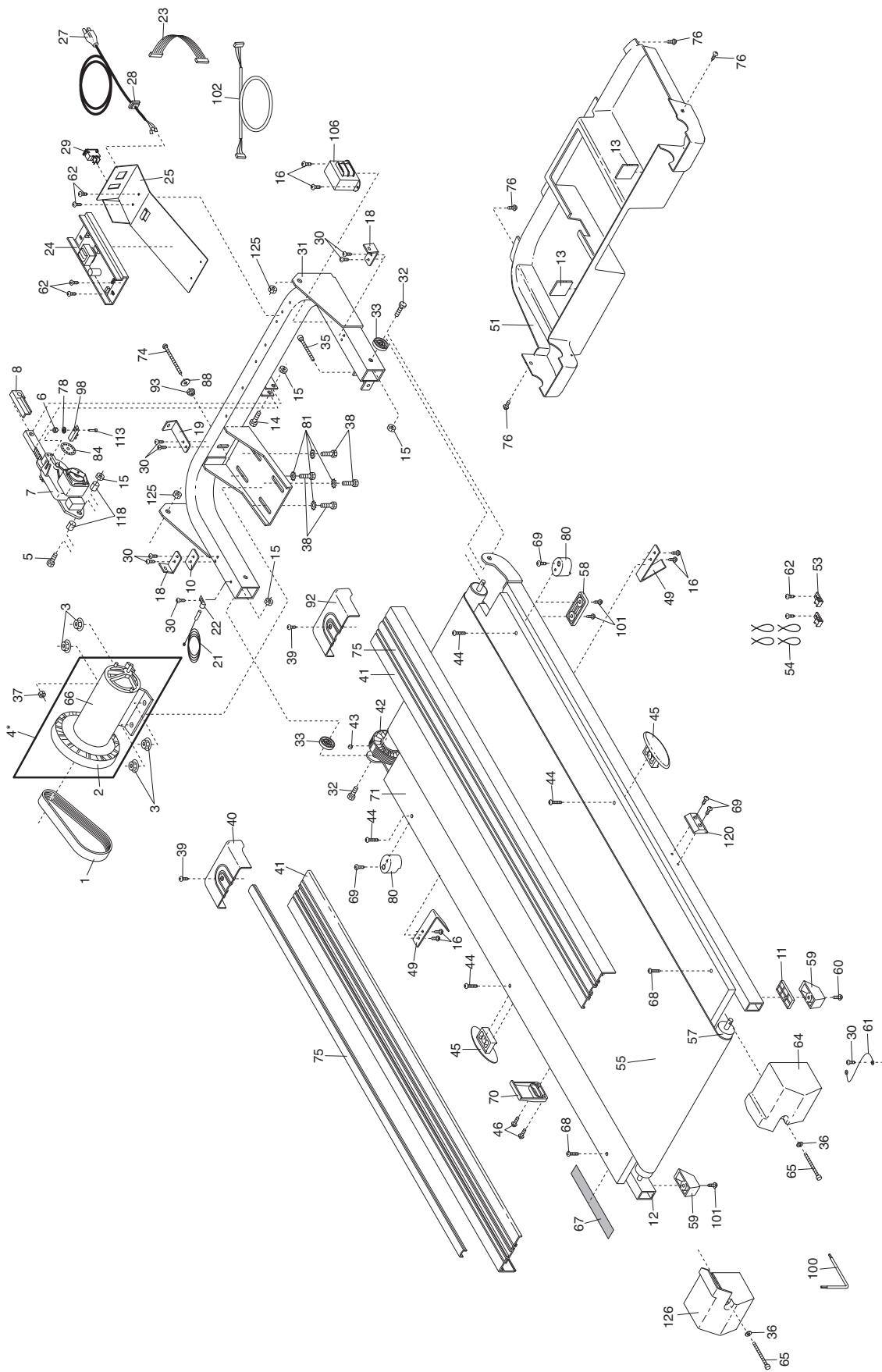
PART IDENTIFICATION CHART

Use the drawings below to identify small parts used during the assembly process (see pages 6 to 9).



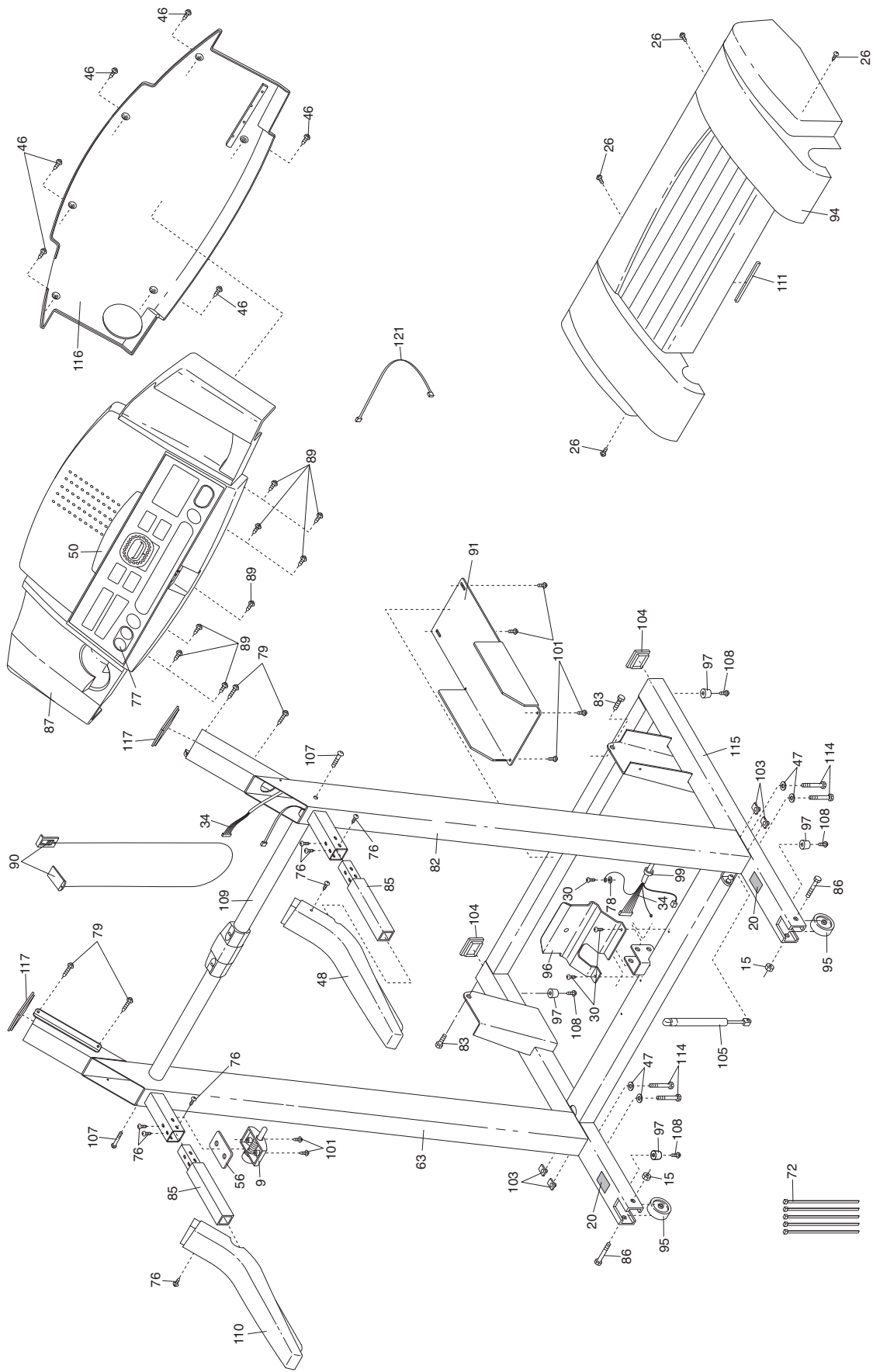
EXPLODED DRAWING—Model No. CTTL038041

R1104A



EXPLODED DRAWING—Model No. CTTL038041

R1104A



ORDERING REPLACEMENT PARTS

To order replacement parts, call our Customer Service Department toll-free at 1-866-311-9111, Monday through Friday, 6 a.m. until 6 p.m. Mountain Time (excluding holidays). When ordering parts, please be prepared to give the following information:

- The MODEL NUMBER OF THE PRODUCT (CTTL038041)
- The NAME OF THE PRODUCT (CARDIO TRAINER 600 treadmill)
- The SERIAL NUMBER OF THE PRODUCT (see the front cover of this manual)
- The KEY NUMBER AND DESCRIPTION OF THE PART(S) (see the EXPLODED DRAWING attached in the center of this manual and the PART LIST on page 22)

LIMITED WARRANTY

ICON Health & Fitness, Inc. (ICON), warrants this product to be free from defects in workmanship and material, under normal use and service conditions. The drive motor is warranted for three (3) years after the date of purchase. The parts and labor are warranted for ninety (90) days after the date of purchase.

This warranty extends only to the original purchaser. ICON's obligation under this warranty is limited to replacing or repairing, at ICON's option, the product through one of its authorized service centers. All repairs for which warranty claims are made must be preauthorized by ICON. This warranty does not extend to any product or damage to a product caused by or attributable to freight damage, abuse, misuse, improper or abnormal usage or repairs not provided by an ICON authorized service center; products used for commercial or rental purposes; or products used as store display models. No other warranty beyond that specifically set forth above is authorized by ICON.

ICON is not responsible or liable for indirect, special or consequential damages arising out of or in connection with the use or performance of the product or damages with respect to any economic loss, loss of property, loss of revenues or profits, loss of enjoyment or use, costs of removal or installation or other consequential damages of whatsoever nature. Some states do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, the above limitation may not apply to you.

The warranty extended hereunder is in lieu of any and all other warranties and any implied warranties of merchantability or fitness for a particular purpose is limited in its scope and duration to the terms set forth herein. Some states do not allow limitations on how long an implied warranty lasts. Accordingly, the above limitation may not apply to you.

This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

ICON HEALTH & FITNESS, INC., 1500 S. 1000 W., LOGAN, UT 84321-9813