

Cybex 525T Treadmill
Service Manual

www.cybexintl.com

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FCC Compliance Information

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

Safety

Safety Guidelines and Practices

Read the Owner's Manual carefully before assembling, servicing, or using the equipment. Owner must comply with all safety guidelines in this manual. It is also the owner's responsibility to instruct users on the safe and proper operation of the equipment and to properly display any and all warning labels and instructional placards. All users should read these labels and placards before using equipment.

⚠WARNING Serious injury or death could occur if the following safety precautions and instructions are not followed.

Power Cord Information

This treadmill 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 electric shock. This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

⚠WARNING Shock and electrocution hazard.

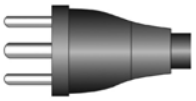
- Connect unit to a grounded outlet.
- Do not use voltage adapter or extension cord.

NOTICE Cybex is not responsible for injuries or damages as a result of cord or plug modification.

- Verify voltage requirements of unit match local voltage requirements.
- Verify unit outlet is the same configuration as the plug.

Power cord configuration

		115 VAC	NEMA 5-20
		Euro Plug	CEE 7/7
		220 VAC	NEMA 6-15

		UK 230 VAC	BS 1363
		Danish	107-2-D1
		Australia	AS/NZS 3112
		Chinese	GB 2099-1 and GB 1002-1

Voltage Information

Before plugging the power cord into an electrical outlet, verify that the voltage requirements for the site match the voltage of the treadmill that has been received. The power requirements for the unit include a grounded, dedicated circuit, rated for one of the following:

- 100 VAC, 50/60 Hz, 20A
- 115 VAC, 50/60 Hz, 20A
- 208 VAC, 60 Hz, 15A
- 220 VAC, 60 Hz, 15A
- 230 VAC, 50 Hz, 13A, UK

See the front warning decal for the voltage requirements of the treadmill.

Important Safety Instructions

(Save These Instructions)

⚠WARNING

Shock and electrocution hazard.

- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

User Safety Precautions

Prior to use:

- Obtain a medical exam before beginning any exercise program.
- Obtain instruction before using.
- Read and understand warning labels.
- Read and understand emergency stop procedures.

- Maximum user weight is 350 lbs. (158 kg).
- Inspect unit. If damaged, notify floor staff. DO NOT USE.
- Place your feet on the two top steps when starting or stopping the treadmill.
- Clip E-STOP lanyard to clothing.
- Do not remove this label. Replace if damaged or illegible.

During use

- Do not use for stretching and do not attach straps or other devices.
- Do not allow children 12 or younger to be on or near machine.
- Stop exercise if feeling faint, dizzy, or have pain.
- Use the handrails for support and to maintain balance.
- Keep all body parts, clothing, and accessories, clear of moving parts.
- Wait until running belt comes to a complete stop before getting off.

Facility Safety Precautions

- Instruct all users on how to clip the e-stop clip onto their clothing and carefully test it prior to using the treadmill.
- Instruct all users to use caution when mounting and dismounting the treadmill.
- Use a dedicated line when operating the treadmill. A dedicated line requires one circuit breaker per unit.
- Connect the treadmill to a properly grounded outlet only.
- **DO NOT** operate electrically powered treadmills in damp or wet locations.
- Keep the running belt clean and dry at all times.
- **DO NOT** leave the treadmill unattended when plugged in and running.
  - 👉 **NOTE:** Before leaving the treadmill unattended, always wait until the treadmill comes to a complete stop and is level. Then, turn all controls to the STOP or OFF position and remove the plug from the outlet. Remove the e-stop key from the treadmill.

- Immobilize the treadmill (when not in use) by removing the e-stop key.
- Inspect the treadmill for worn or loose components before each use. Do not use until worn or damaged parts are replaced.
- Stop and place the treadmill at 0 degrees incline (level) after each use.
- Maintain and replace worn parts regularly. Refer to “Preventive Maintenance” section of Owner’s Manual.
- **DO NOT** operate the treadmill if: (1) the cord is damaged; (2) the treadmill is not working properly or (3) if the treadmill has been dropped or damaged. Seek service from a qualified technician.
- **DO NOT** place the cord near heated surfaces or sharp edges.
- **DO NOT** use the treadmill outdoors.
- **DO NOT** operate the treadmill around or where aerosol (spray) or where oxygen products are being used.
- Read and understand the Owner’s Manual completely before using the treadmill.
- Ensure all users wear proper footwear on or around all Cybex equipment.
- Set up and operate the treadmill on a solid, level surface. Do not operate in recessed areas or on plush carpet.

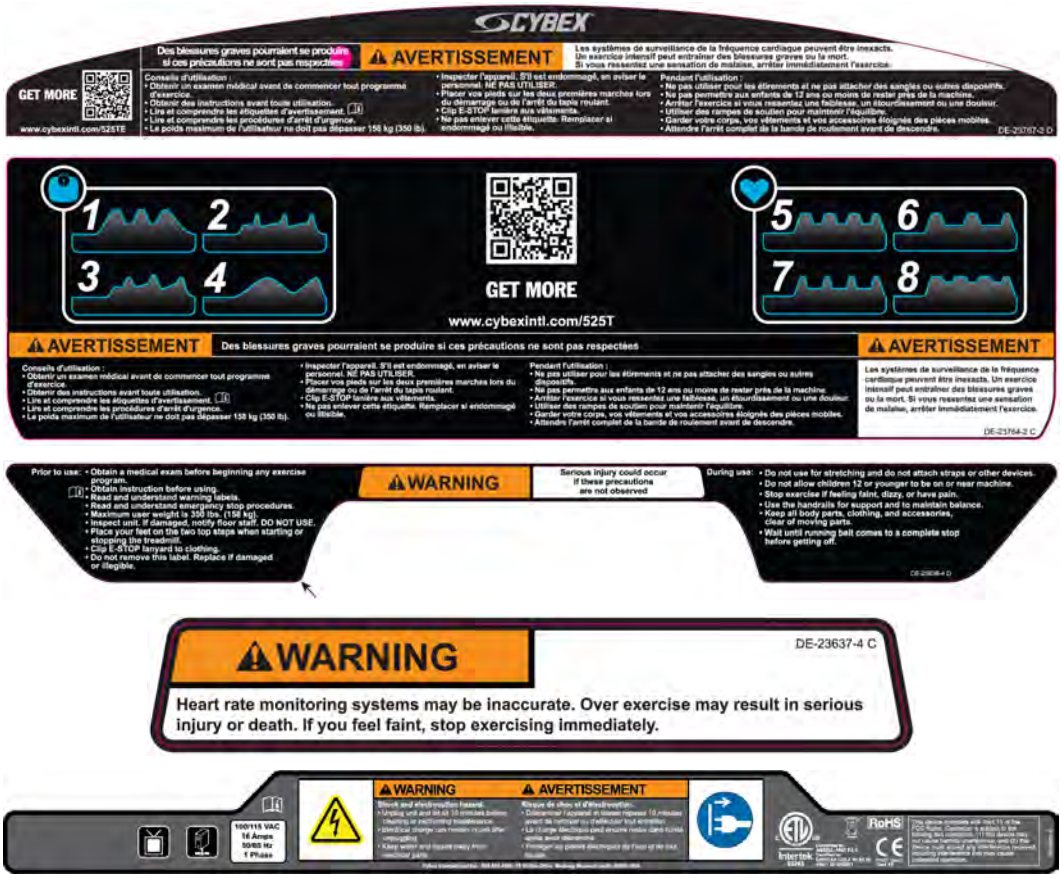
- Provide the following clearances: 19.7 inches (0.5 m) at each side, 79 inches (2.0 m) at the back and enough room for safe access and passage at the front of the treadmill. Be sure your treadmill is clear of walls, equipment and other hard surfaces.
- Disconnect power before servicing.
- **DO NOT** attempt repairs, electrical or mechanical.
  Seek qualified repair personnel when servicing. If you live in the USA, contact Cybex Customer Service at 888-462-9239. If you live outside the USA, contact Cybex Customer Service at 508-533-4300.
- Use Cybex factory parts when replacing parts on the treadmill.
- **DO NOT** modify the treadmill in any way.
- **DO NOT** use attachments unless recommended for the treadmill by Cybex.
- Ensure all User and Facility Safety Precautions are observed.

Warnings and Cautions

Warning labels indicate a potentially hazardous situation that could result in serious injury or death if the precautions are not observed.

Caution labels indicate a potentially hazardous situation that could result in serious injury or damage to machine if the precautions are not observed.

Contact *Customer Support Services* to replace any worn or damaged labels.

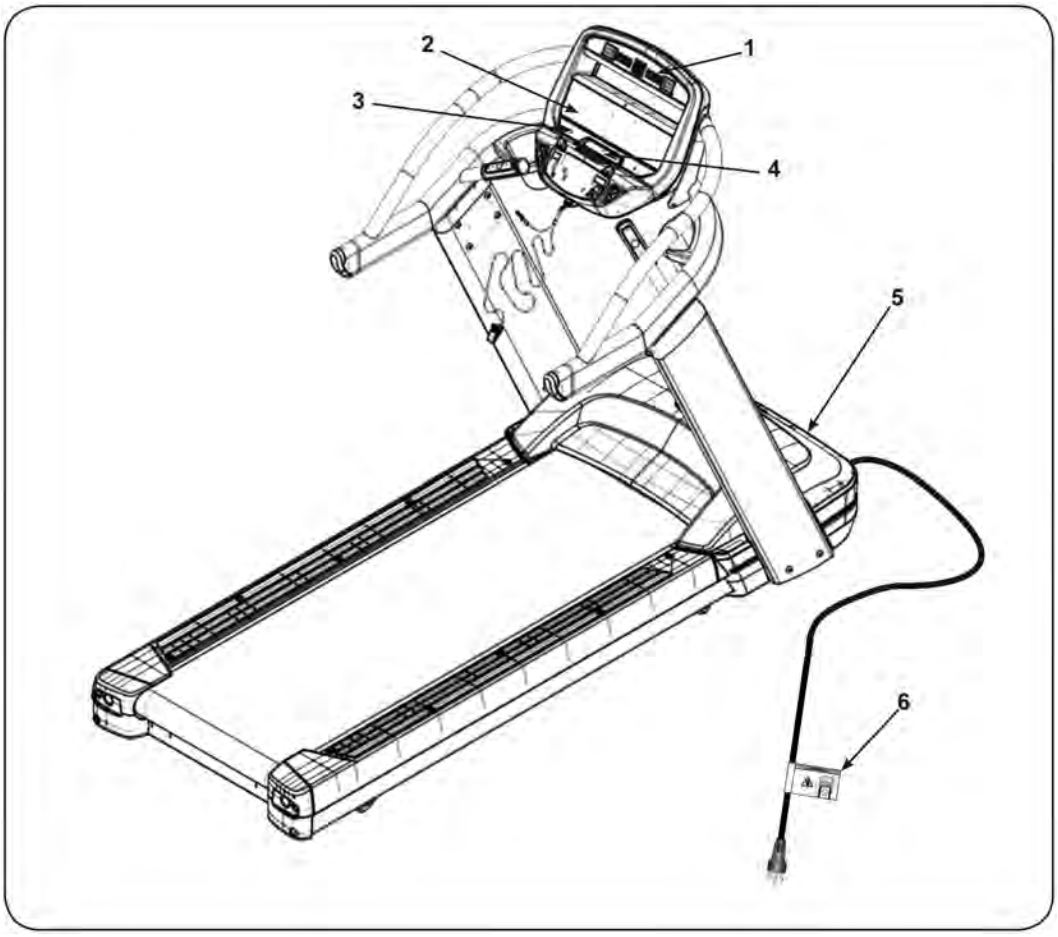



WARNING
AVERTISSEMENT
220/230 VAC
12 Amps
50/60 Hz
1 Phase
RoHS


WARNING
DE-23098 B


DE-25047-4 C

Label Placement

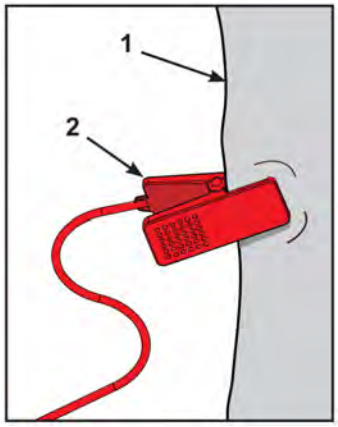


1	DE-23767	Decal, Warning, Upper Display, E3 View Monitor
1	DE-23767-2	Decal, Warning, Upper Display, E3 View Monitor, Canada
2	DE-23764-4	Decal, Center
2	DE-23764-2	Decal, Center, Canada
3	DE-23636-X	Decal, Warning, Main
4	DE-23637-X	Decal, Warning
5	DE-22910	Decal, Motor Cover, 115 VAC
5	DE-23079	Decal, Motor Cover, 230 VAC
6	DE-23098	Decal, Power Cord

Emergency Stop Key (e-stop)

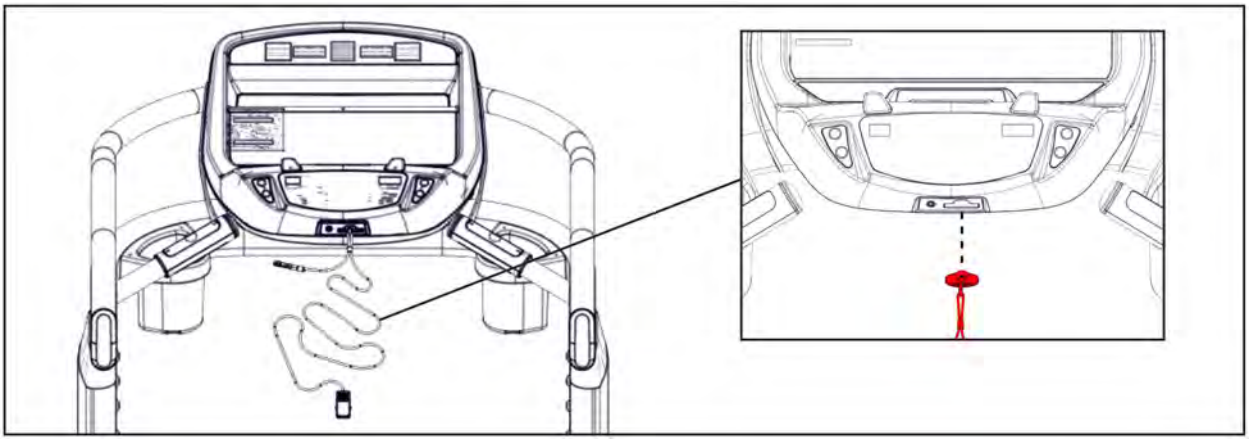
The e-stop key functions as an emergency stop. In an emergency situation, the e-stop key disengages from the console and the treadmill will come to a stop. Before using the treadmill, clip the e-stop key as described below.

1. Compress the spring and clip the e-stop clamp to your clothing.
   Ensure the clip engages enough clothing so it does not fall off in an emergency situation. Be sure the string is free of knots and has enough slack for you to workout comfortably with the e-stop key in place.



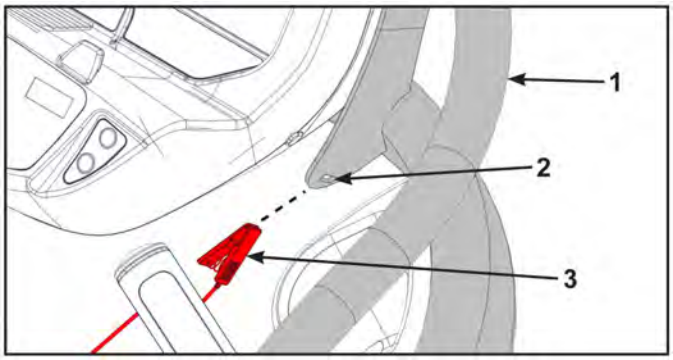
Item	Description	Qty.
1	Clothing	1
2	Clip	1

2. Without falling off the treadmill, carefully step backward until the e-stop pulls out of the console.
   If the e-stop clip falls off your clothing then the test has failed. Reclip the e-stop clip to your clothing and repeat this step.



3. Replace the e-stop key.
4. The treadmill is now ready to be used. Ensure the e-stop clip is secured to your clothing at all times during use.

5. After use, remove the e-stop key from the treadmill.
The e-stop key can be removed to help prevent unauthorized use. Refer to the Stopping the Treadmill section in the Operation chapter for more information about the e-stop key.
When not in use store the e-stop clip on the storage tab located on the left or right side of the handrail.



Item	Description	Qty.
1	Handrail	1
2	Storage tab	2
3	E-Stop clip	1

Maintenance

All preventive maintenance activities must be performed on a regular basis. Performing routine preventive maintenance actions can aid in providing safe, trouble-free operation of all Cybex equipment.

Cybex is not responsible for performing regular inspection and maintenance actions for your machines. Instruct all personnel in equipment inspection and maintenance actions and also in accident reporting and recording. Cybex representatives are available to answer any questions that you may have.

Warnings

Read all warnings in this chapter.

WARNING

For maintenance, service and repair:
- Must be performed by trained service personnel only
- Use only Cybex replacement parts
- Unplug unit before working on it
- Keep water and liquids away from electrical parts.

DANGER

Electrocution hazard. To avoid death or serious injury unplug unit when not in use or when performing maintenance.

WARNING

Equipment hazard. To avoid serious injury or death replace worn or damaged components immediately and keep the equipment out of use until repair is completed.

Clean Unit

WARNING

Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Tools Required
- Cleaning solution
- Rubbing alcohol
- Clean cloth
- Vacuum

After Each Use
Wipe up any liquid spills immediately. After each workout, use a cloth to wipe up any remaining perspiration from the handrails and painted surfaces.

Be careful not to spill or get excessive moisture between the edge of the display panel and the console, as this might create an electrical hazard or cause failure of the electronics.

As Needed
Vacuum any dust or dirt that might accumulate under or around the unit. Cleaning this area should be done as often as indicated in the Service Schedule.

Clean Console

NOTICE

Do not spray cleaning solution directly on the console. Direct spraying could cause damage to the electronics and may void the warranty.

- Spray a mild cleaning agent on a clean cloth.
- Clean the console, accessory tray, and cup holder with a damp cloth.

Clean Base
- Spray a mild cleaning agent on a clean cloth.
- Clean the base of the unit with a damp cloth.

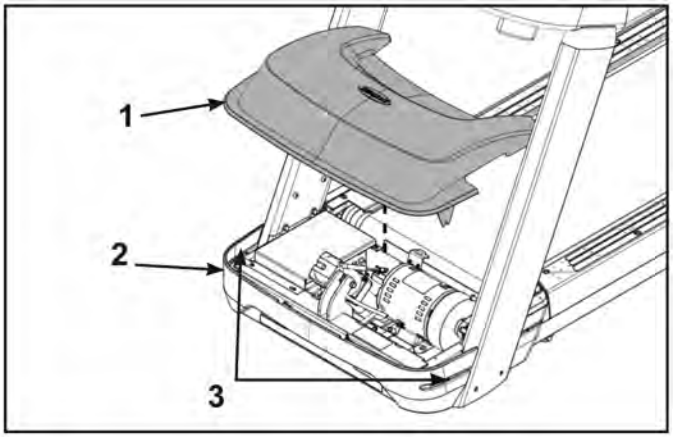
Contact Heart Rate Grips
Clean the grips using a cloth dampened with a cleaning solution containing rubbing alcohol.

Contaminants, such as hand lotions, oils or body powder, may come off on the contact heart rate grips. These can reduce sensitivity and interfere with the heart rate signal. It is recommended that the user have clean hands when using the contact heart rate.

Vacuum Motor Bay

Tools Required
- Phillips screwdriver
- Clean cloth
- Vacuum, with tip for small spaces

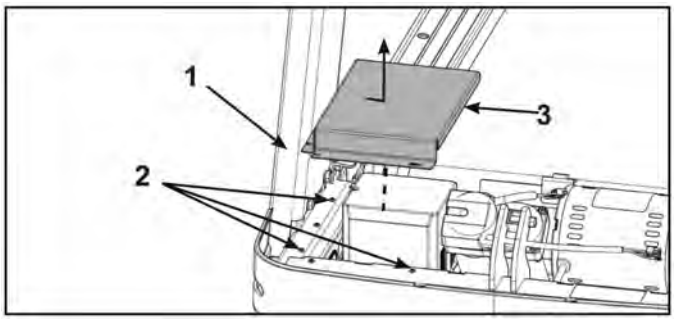
1. Loosen, but do not remove the two front cover screws securing the motor cover using a Phillips screwdriver.



Item	Description	Qty.
1	Motor cover	1
2	Front cover	1
3	Screws	2

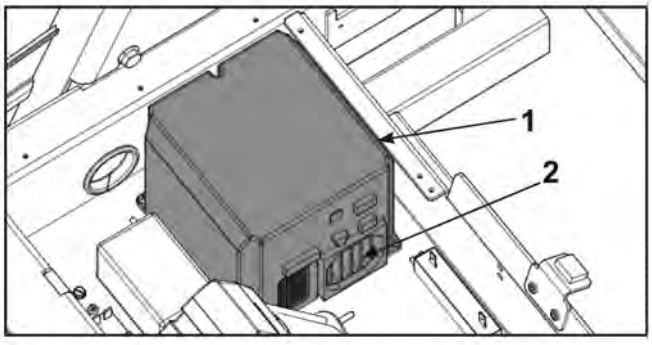
2. Remove motor cover by lifting vertically.

3. Loosen but do not remove the seven screws securing the sheild to the base using a Phillips screwdriver.



Item	Description	Qty.
1	Base	1
2	Screws	7
3	Shield	2

4. Remove shield by sliding sideways and then vertically off of base.
5. Use a vacuum attachment or hand vacuum to clean the exposed elevation assembly, drive motor, lower electronics and the surrounding areas.
6. Vacuum the fan and heat sink area of the motor controller.



Item	Description	Qty.
1	Motor controller	1
2	Fan and heatsink	1

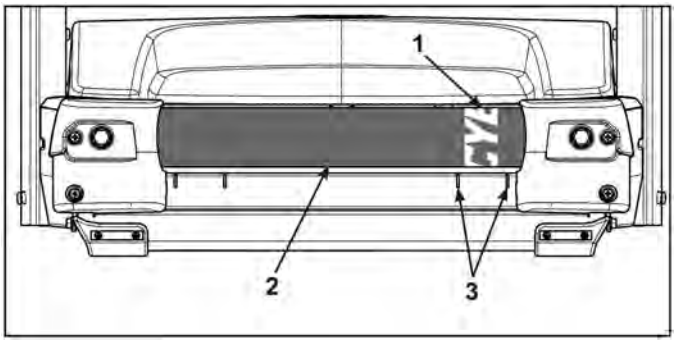
7. Use a dry cloth for the areas that you can not reach with the vacuum cleaner. If the machine has not been used for some time or is excessively dirty, use a dry cloth to wipe all exposed areas.
8. Raise the rear of the treadmill and roll it back from its present position to vacuum the floor area underneath the unit. When finished, return the treadmill to its normal position.

Running Belt

Center and tension the running belt

1. Plug the power cord into the power outlet.
2. Turn the main power switch to the on (I) position.
3. Press the **Quick Start** key.
4. Press the **Speed +** key to bring the speed up to 5 mph (8 kph). Allow the treadmill to run for a minute. The lateral position of the running belt is correctly centered when the Cybex logo is centered between the inside edges of the two belt tracking slots. If the Cybex logo is not centered between the belt tracking slots, center the running belt with the following procedure.

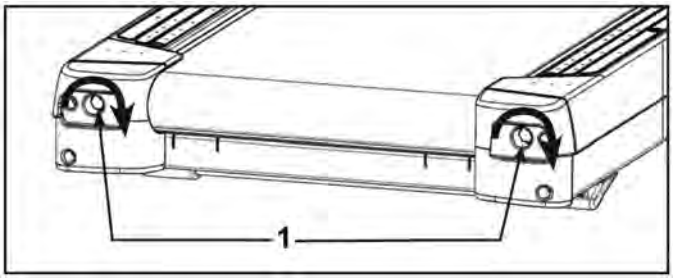
5. Observe the Cybex logo position relative to the belt tracking slots with the treadmill running at 5 mph (8 kph).



Item	Description	Qty.
1	Cybex logo	1
2	Running belt	1
3	Belt tracking slots	2

While centering the running belt choose one bolt to adjust. Do not adjust both bolts.

6. Tighten the rear roller bolt on the side of the treadmill toward which the running belt is moving using a 3/4" socket wrench.
For example: If the running belt moves to the right of the belt tracking slots, tighten the bolt on the right side of the frame, tighten about 1/2 of a turn (clockwise) and wait 30 seconds. If the running belt does not move back to the center of the belt tracking slots, make another adjustment to the same bolt. Once the running belt has been adjusted closer to the center of the belt tracking slots, use about 1/4 of a turn until the running belt has been stabilized.



Item	Description	Qty.
1	Rear roller bolts	2

7. Check the belt tension after the running belt has been centered.
Make sure the running belt tension is tight enough so that the running belt does not slip or hesitate when stepped on. Walk on the treadmill at 3.5 - 4 mph (5.6 - 6.4 kph) and every 4th to 5th step throw your weight into your step to feel if the running belt is slipping. If slipping is felt, confirm it is the running belt slipping and not the drive belt. With the hood cover removed, observe movement at the drive belt and front roller.
Do not over tighten the running belt. Over tightening the running belt can cause the belt to stretch and require replacement. Continue procedure until running belt stops slipping.

8. Check running belt for centering position.
If running belt is not centered, perform steps 5 and 6.

Check Running Belt and Deck Surfaces

The running belt and deck should be checked periodically for any excessive wear. In an effort to make sure that the running belt operates properly, visually inspect the belt often to make sure that there are no tears or fraying in the belt material. The running belt should be replaced every 15,000 miles (24,140 km). The running deck should be flipped every 15,000 miles (24,140 km) and replaced every 30,000 miles (48,280 km). A service prompt will appear at this interval and the parts will need to be replaced.

Tools Required

Phillips screwdriver

Disconnect power source

1. Toggle the on/off (I/O) power switch to the off (O) position. The on/off (I/O) power switch is located under the front end of the unit, or on the front right side panel.
2. Unplug the treadmill from the power outlet.

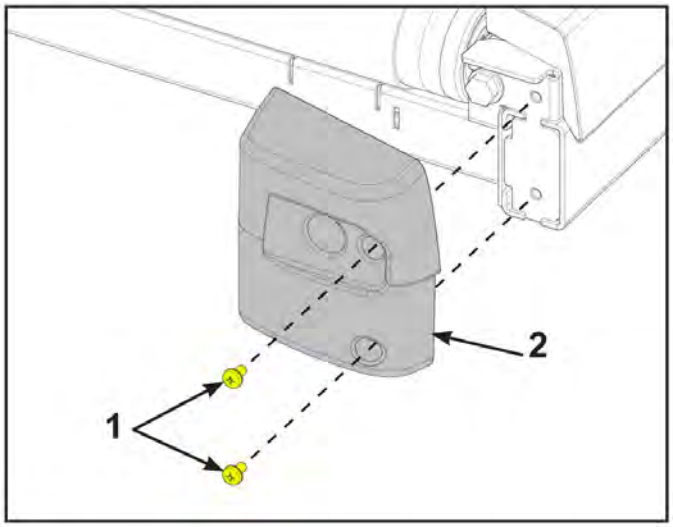
⚠WARNING

Shock and electrocution hazard.

- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Check the running belt condition

1. Remove the two screws securing the right end cap using a Phillips screwdriver.



Item	Description	Qty.
1	Screws	2
2	Right end cap	1

2. Repeat step 1 for the left end cap.
3. Inspect the top surface, seam, and edges of the running belt while you roll it by hand.

👉 **NOTE:** If the belt has any rips or looks excessively worn the belt needs to be replaced. If the running belt and deck need replacement refer to a qualified service technician.

4. Install the screws securing the end caps removed in steps 1 and 2 using a Phillips screwdriver.

Other Maintenance

Other preventive maintenance activities must be completed by a qualified service technician at the recommended intervals listed in the **Service Schedule** at the end of this chapter. These activities include:

- Flipping or replacing the running deck
- Replacing the running belt

Elevation Motor Lubrication
In time the elevation motor pivot points or tube nut may develop a squeak. Lubricate the upper and lower bolts and the spacers with a small amount of lithium grease. You can buy lithium grease at an auto parts store.

Static Electricity
Depending upon where you live, you may experience dry air, causing a common experience of static electricity. This may be especially true in the winter time. You may notice a static build-up just by walking across a carpet and then touching a metal object. The same can hold true while working out on your treadmill. You may experience a shock due to the build-up of static electricity on your body and the discharge path of the treadmill. If you experience this type of situation, you may want to increase the humidity to a comfortable level through the use of a humidifier.

E3 View Monitor

Cleaning

- Clean with a dust free cloth. For further cleaning, use a soft cloth or paper towel dampened with water. To avoid damage to the surface of the monitor, do not use abrasive or chemical cleaning agents.
- Disinfecting: to avoid damage to the surface, test a small portion of the monitor’s cabinet with any disinfectant to verify that the disinfectant will not discolor or soften the enclosure.

Storage or Long Non-Use Periods
When not using product for an extended period of time the product should be disconnected from the Power Supply, TV/Cable Signal Feed, and any Peripheral Devices.

Pixels
Very small red, blue, white or green spots may be visible or may appear on the screen. This is a characteristic of liquid crystal display panels and is not considered a defect for replacement. The liquid crystal panel is built with very high precision technology giving fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed point. This does not affect the performance of monitor or merit a warranty claim.

Maintenance

- It is very important to have the unit regularly examined by a qualified technician to ensure the product is fit for use.
- If the unit malfunctions, please refer to a qualified technician for repair or replacement of defective parts immediately. Do not attempt to use the monitor until it has been inspected and repaired by a qualified technician.
- For inspection, installation and servicing, please consult qualified technician.

- Failure to use a manufacturer approved repair technician may void any warranty claims.

Service Wheel (optional)

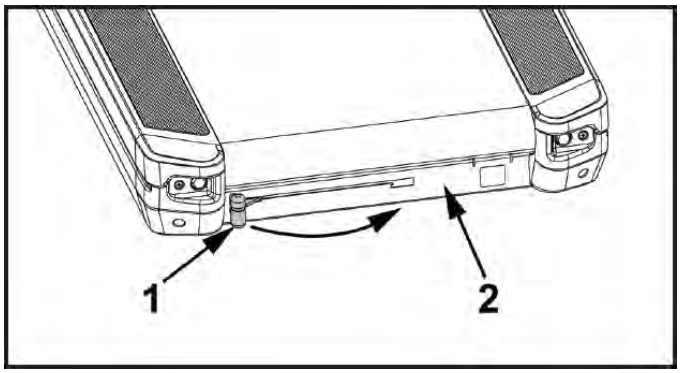
A service wheel lever is located at the rear end of the unit. This lever will engage a wheel and elevate the rear end of the unit. The treadmill can then be easliy moved for cleaning or servicing.

⚠WARNING

Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

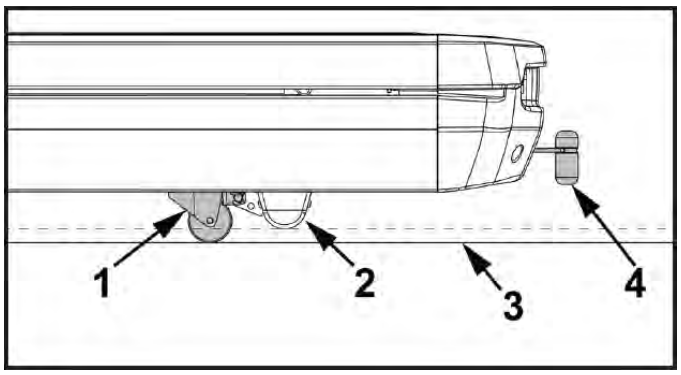
Engage service wheel

1. Unplug power cord from power outlet.
2. Grasp the service wheel lever and slide to the right and down to lock in place.



Item	Description	Qty.
1	Service wheel lever	1
2	Frame	1

The service wheel will lower and raise the rear feet off the floor.



Item	Description	Qty.
1	Service wheel	1
2	Rear feet	2
3	Floor	1
4	Service wheel lever	1

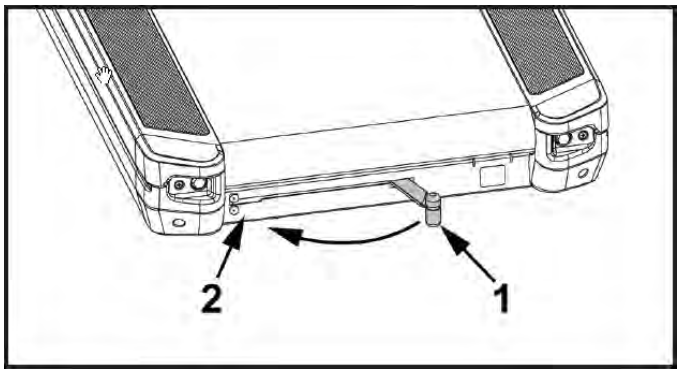
3. Move treadmill as needed.

Disengage service wheel

⚠WARNING

Trip and fall hazard. To avoid injury, make sure service wheel lever is not engaged prior to use.

1. Grasp the service wheel lever and slide to the right, lift up, and slide to the left.



Item	Description	Qty.
1	Service wheel lever	1
2	Frame	1

2. Plug the power cord into the power outlet.

Service Schedule

All maintenance activities shall be performed by qualified personnel. Failure to do so could result in serious injury.

This is the minimum recommended service.

Determine distance.

1. Press and the hold the **Display option** and **DOWN** keys for 3 seconds.
   A beep signifies the first screen of the Statistics menu.
2. Press the **UP** or **DOWN** keys to scroll up and down in the statistics menu.
   The Statistics menu includes: Miles/Km, Hours, Starts, and Error log.
3. The first menu item is **Miles/Km**.
4. Record Distance.
5. Navigate to menu item **Hours**.
6. Record Hours.
7. Navigate to menu item **Starts**.
8. Record Starts.
9. Navigate to menu item **Error log**.
10. Record Errors.
11. Exit Statistics menu by pressing the **STOP** key.

First 500 miles (800 km).

Check running belt tension and tracking.

Every 5,000 miles (8,000 km).

1. Check running belt tension and tracking.
2. Vacuum the fan and heat sink area of the motor controller.
3. Move treadmill and vacuum underneath.
4. Use Service wheel, or raise elevation to 15%, carefully roll the treadmill backwards to clean underneath with a dry cloth and vacuum. Return to normal position when done.

Every 15,000 miles (24,140 km).

1. Replace running belt and flip deck.
2. Check elevation assembly and replace worn parts.
3. Lubricate elevation pivot points.

Every 30,000 miles (48,280 km).

Replace running belt and deck.

Customer Service

Product Registration

To register product do the following:.

1. Visit *www.cybexintl.com*.
2. Locate Product Registration in the Support section.
3. Fill out form completely.
4. Click the **Submit** button to register product.

Contacting Service

Hours of phone service are Monday through Friday from 8:30 a.m. to 6:00 p.m. Eastern Standard Time.

For Cybex customers living in the USA, contact Cybex Customer Service at 1-888-462-9239.

For Cybex customers living outside the USA, contact Cybex Customer Service at 1-508-533-4300 or fax 1-508-533-5183. Email address *internationaltechhelp@cybexintl.com*

Find information on the web at *www.cybexintl.com*.

To contact us online go to *www.cybexintl.com*.

Ordering Parts

To order parts online go to *www.cybexintl.com*.

To speak with a customer service representative, call 800-351-3737 (for customers living within the USA) or 847-288-3700 (for customers outside the USA).

The following information located on the serial number decal will assist our Cybex representatives in serving you.

- Unit Serial Number, Product Name and Model Number
- Part Description and Part Number if you have it. All parts can be found on the web at *www.cybexintl.com*
- Shipping Address
- Contact Name
- Include a description of the problem.

In addition to your shipping address and contact name, your account number is helpful but not required. You may also fax orders to 800-216-8893.

Return Material Authorization (RMA)

The Return Material Authorization (RMA) system is used when returning material for placement, repair or credit. The system assures that returned materials are properly handled and analyzed. Follow the following procedures carefully.

Contact your authorized Cybex dealer on all warranty-related matters. Your local Cybex dealer will request a RMA from Cybex, if applicable. Under no circumstances will defective parts or equipment be accepted by Cybex without proper RMA and an Automated Return Service (ARS) label.

Please contact *Cybex Customer Service* for the return of any item that is defective.

Provide the technician with a detailed description of the problem you are having or the defect in the item you wish to return. Provide the model and serial number of your Cybex equipment.

At Cybex's discretion, the technician may request that you return the problem part(s) to Cybex for evaluation and repair or replacement. The technician will assign you a RMA number and will send you an ARS label. The ARS label and the RMA numbers must be clearly displayed on the outside of the package that contains the item(s) to be returned. Include the description of the problem, the serial number of the equipment and the name and address of the owner in the package along with the part(s).

Merchandise returned without an RMA number on the outside of the package or shipments sent COD will not be accepted by the Cybex receiving department.

Damaged Parts

Materials damaged in shipment should not be returned for credit. Shipping damages are the responsibility of the carrier (UPS, Federal Express, trucking companies, etc.)

Apparent Damage
Upon receipt of your shipment, check all items carefully. Any damage seen with a visual check must be noted on the freight bill and signed by the carrier's agent. Failure to do so will result in the carriers refusal to honor your damage claim. The carrier will provide you with the required forms for filing such claims.

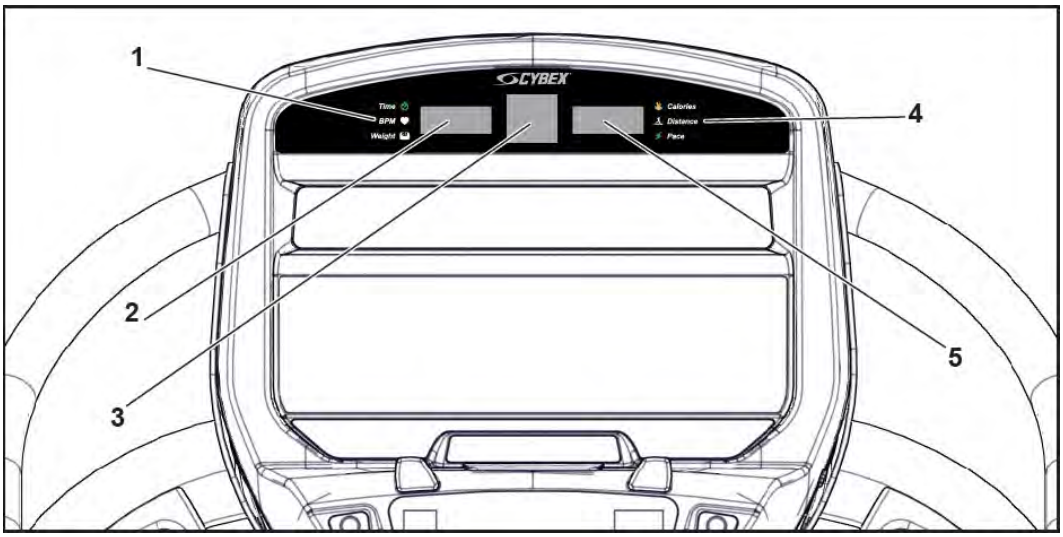
Concealed Damage
Damage not seen with a visual check upon receipt of a shipment but notices later must be reported to the carrier as soon as possible. Upon discovery of the damage, a written or phone request to the carrier asking them to perform an inspection of the materials must be made within ten days of the delivery date. Keep all shipping containers and packing materials as they will be needed in the inspection process. The carrier will provide you with an inspection report and the necessary forms for filing a concealed damage claim. Concealed damage claim is the carrier's responsibility.

Service

Console Layout

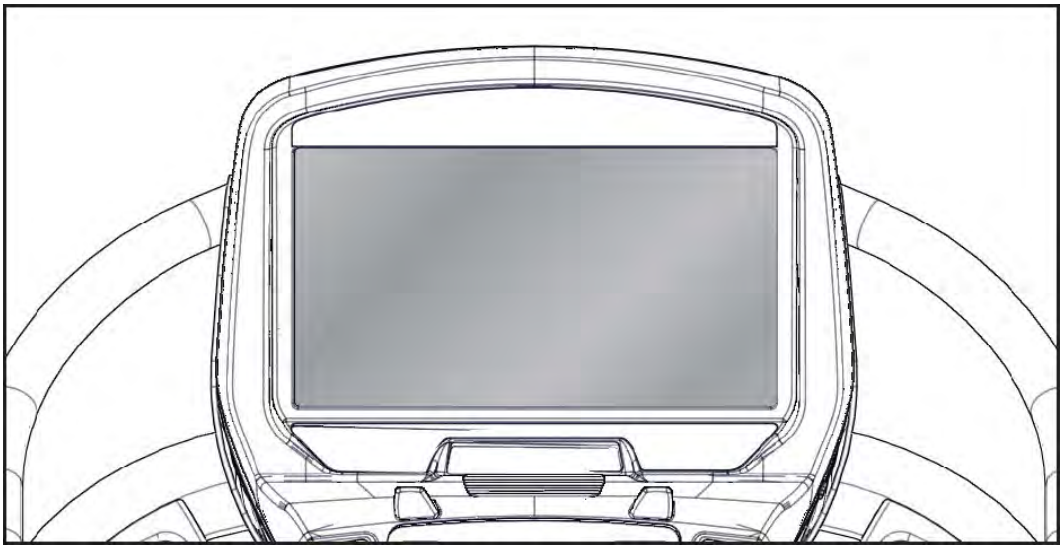
Console Display

LED Display



1	Left enunciator	Displays Time, BPM, or Weight.
2	Left data readout	Displays value of Time, BPM, or Weight.
3	Bar graph	Displays workout profiles and setup options.
4	Right enunciator	Displays Calories, Distance, or Pace.
5	Right data readout	Displays value of Calories, Distance, or Pace.

E3 View Monitor

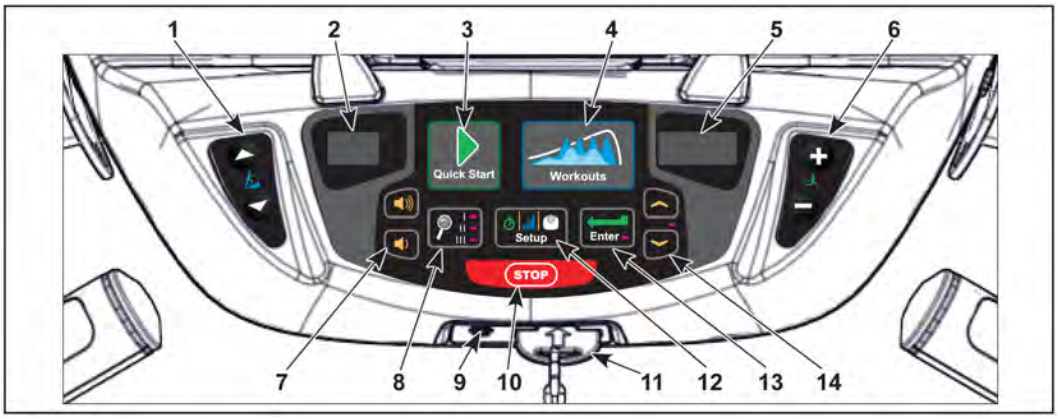


User Control Symbols Used



Control	Control Name	Description
	**INCLINE UP**	Adjust **Incline** up.
	**INCLINE DOWN**	Adjust **Incline** down.
	**SPEED UP**	Adjust **Speed** up.
	**SPEED DOWN**	Adjust **Speed** down.
	**VOLUME UP**	Adjust **Volume** up.
	**VOLUME DOWN**	Adjust **Volume** down.
	**UP KEY**	Adjust **Time**, **Level**, **Weight**, or **Workout** up A/V - Channel **UP** iPod/iPhone/iPad - **NEXT** track (option)
	**DOWN KEY**	Adjust **Time**, **Level**, **Weight**, or **Workout** down A/V - Channel **DOWN** iPod/iPhone/iPad - **PREVIOUS** track (option)
	**STOP**	Press **STOP** once to end the workout session and start the *Workout Review*. Press **STOP** again to exit to *Dormant Mode*.

User Controls



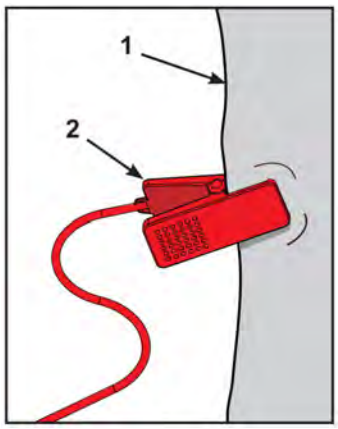
1	Incline keys	**6**	Speed keys	**11**	E-Stop key
2	Incline display	**7**	Volume keys	**12**	Setup key
3	Quick Start key	**8**	Display option key	**13**	Enter key
4	Workouts key	**9**	Headphone jack	**14**	Up/Down keys
5	Speed display	**10**	STOP key		

Displays	Incline and speed are shown in the LED displays.
Keys	User controls for Incline, Quick Start, Workouts, Speed, Volume, Display option, STOP, Setup, Enter and Up/Down.

Emergency Stop Key (e-stop)

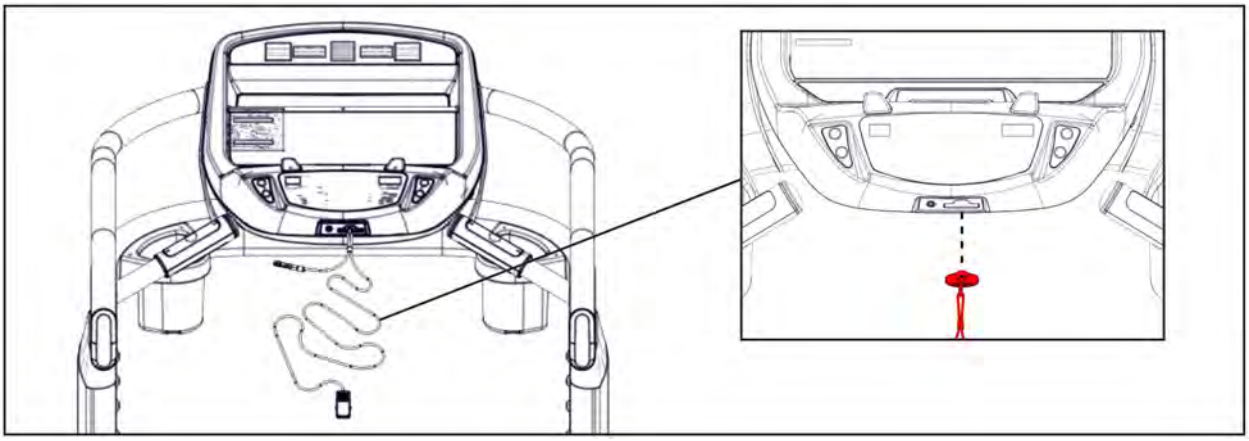
The e-stop key functions as an emergency stop. In an emergency situation, the e-stop key disengages from the console and the treadmill will come to a stop. Before using the treadmill, clip the e-stop key as described below.

1. Compress the spring and clip the e-stop clamp to your clothing.
   Ensure the clip engages enough clothing so it does not fall off in an emergency situation. Be sure the string is free of knots and has enough slack for you to workout comfortably with the e-stop key in place.

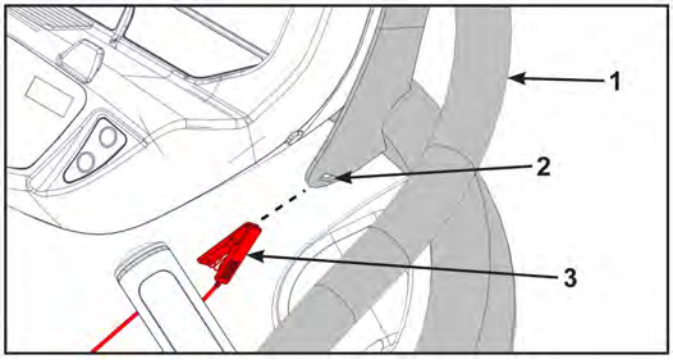


Item	Description	Qty.
1	Clothing	1
2	Clip	1

2. Without falling off the treadmill, carefully step backward until the e-stop pulls out of the console. If the e-stop clip falls off your clothing then the test has failed. Reclip the e-stop clip to your clothing and repeat this step.



3. Replace the e-stop key.
4. The treadmill is now ready to be used. Ensure the e-stop clip is secured to your clothing at all times during use.
5. After use, remove the e-stop key from the treadmill.
   The e-stop key can be removed to help prevent unauthorized use. Refer to the Stopping the Treadmill section in the Operation chapter for more information about the e-stop key.
   When not in use store the e-stop clip on the storage tab located on the left or right side of the handrail.



Item	Description	Qty.
1	Handrail	1
2	Storage tab	2
3	E-Stop clip	1

Setup

Use the following instructions to setup the unit.

⚠WARNING

Falling hazard. When starting unit
- Stand on two top steps.
- Do not stand on belt.

Cybex recommends that the treadmill be unplugged or the on/off (I/O) power switch turned off (O) when it is not in use.

1. Without anyone on the treadmill, plug the power cord into a power outlet from a grounded, dedicated circuit.
   Ensure the power cord is not being pinched under the front of the treadmill.
2. Toggle the on/off (I/O) power switch to the on (I) position. The on/off (I/O) power switch is located under the front end of the unit, or on the front right side panel.
3. The control panel will light up.

Time and Date Confirmation

The first time the unit is turned on, it prompts the user to confirm the current Time and Date. Quick Start, Workouts, Setup or Stop will skip this requirement but it will appear again the next time the unit is powered up until the time and date are properly set.

1. Press the **ENTER** 

key to begin editing the time, starting with the hours (HH) and then minutes (MM) and then AM/PM/24.
2. Press the **UP**  and **DOWN**  keys to select the hour.
3. Press the **ENTER** 

key to accept and begin editing the minutes.
4. Press the **UP**  and **DOWN**  keys to select the minutes.
5. Press the **ENTER** 

key to accept and begin editing the AM/PM/24 hour setting.
6. Press the **ENTER** 

key to accept time.
   Continue this procedure for the Date. Date format is [YYYY] [MM] [DD]. Y - Year, M - Month and D - Day.
7. Press the **ENTER** 

key after the final setting for Day. The opening screen will now be displayed. Time and Date confirmation complete.

Setup options

1. Press and the hold the **Display option**  and **UP**  keys for 3 seconds.
2. Navigate through the setup menu with the **UP**  and **DOWN**  keys.
3. Press the **ENTER** 

key once to enter setup values. Press again to save any changes and advance forward in the menu.

Setup menu - LED console

Time	Set time display format AM, PM, 12, or 24. Set time in Hours and Minutes HH:MM.
Date	Year format is Y - Year [YYYY]. Month format is M - Month [MM]. Day format is D - Day [DD].
Weight and Distance Units	LBS - Pounds, Kg - Kilograms or Ston - Stone. MI - Miles or KM - Kilometers.
Line Frequency / IR Sensor	**Line Frequency** - 60 - 60Hz (Default) or 50 - 50Hz. **IR Sensor** (Motion Sensor) Not available for 525T Treadmill. Set to no ir, motion sensor is not installed.
Pause	Set time length for Pause. OFF (Default), 1:00, 5:00 or 10:00 minutes.
Default Time	Set default workout time. 10, 20, 30 (Default), or 60.
Max Time	Set maximum workout time. OFF (Unlimited), 30, 60 (Default), 90, or 120 minutes.
Max Speed	Maximum speed. Miles - 1 to 12.4 in one MPH increments. Kilometers - 1-10, 12, 16 or 20 KPH increments. Max speed is default.
A/V	Set A/V option. Choices are none (Default), FM TF/M (no longer used), UHF, or C.A.B. (Console Adapter Box for Broadcast Vision) or C-tu (Connected TV). Contact qualified service technician for audio visual setup.
Beeper (Tone)	Toggle console beeper On (Default) or OFF. Some volume, range is 0-30, 10 is default.

Setup menu - E3 View Monitor

Time	Set time display format AM, PM, 12, or 24. Set time in Hours and Minutes HH:MM.
Date	Date format is [YYYY] [MM] [DD]. Y - Year, M - Month, and D - Day.
Units	**WEIGHT:** lbs. - Pounds, Kg - Kilograms or Stone. **SPEED:** Miles or km.
Line Frequency / IR Sensor	**Line Frequency** - 60 - 60Hz (Default) or 50 - 50Hz. **IR Sensor** (Motion Sensor) Not available for 525T Treadmill. Set to NO, motion sensor is not installed.
Pause	Set time length for Pause. OFF (Default), 1:00, 5:00 or 10:00 minutes.
Default Time	Set default workout time. 10, 20, 30 (Default), or 60.
Max Time	Set maximum workout time. OFF (Unlimited), 30, 60 (Default), 90, or 120 minutes.
Limit	Maximum incline - 0, 1, 2, 3, 4, 5, 10, or 15. Maximum speed. Miles - 1 to 12.4 in one MPH increments. Kilometers - 1-10, 12, 16 or 20 KPH increments. Max speed is default.

Volume (VOL)	Set beeper and volume levels. Console beeper - On or Off. Headphone beeper - Off, Some, or All. Default volume - Range is 0 to 30, 10 is default.
A/V	Set **TV Input Source**. Choices are Tuner, STB + Tuner, or STB + HDMI. Contact qualified service technician for audio visual setup.
Languages	Set E3 View Monitor language. Standard languages available. English (Default).

Reset setup options to default values

Reset LED console

1. Press the **Display Option**  key at the first setup option screen (Time).
   The console will display [rSEt][?] [no].

   To exit without resetting, press the **ENTER**  key.

2. Press the **UP**  or **DOWN**  keys to select YES and press the **ENTER**  key.
   The console will beep twice and return to setup mode.

Reset E3 View Monitor

1. Press the **Display Option**  key at the first setup option screen (Time).
   The console will display RESET and Reset Defaults? NO.

   To exit without resetting, press the **ENTER**  key.

2. Press the **UP**  or **DOWN**  keys to select YES.
3. Press the **ENTER**  key to reset the console to the default values.
   The console will beep twice and return to setup mode.

Exit Set Up mode

Press the **STOP** key to exit Setup options.

Audio Visual Configuration

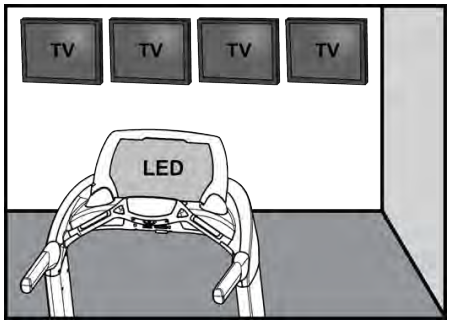
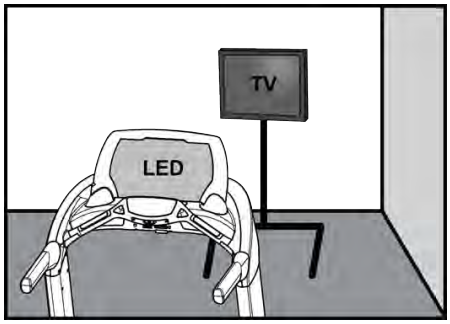
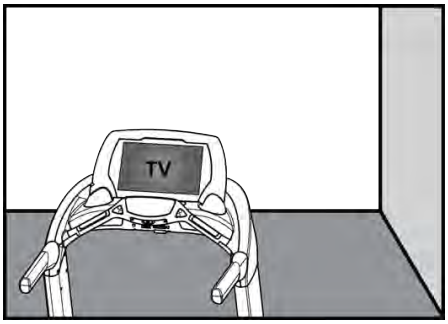
Audio Visual is available in three configurations: Shared TV's, Personal TV on a stand, or TV embedded in product.

Perform the following procedures to complete the audio visual setup.

- Assemble product.
- Determine audio visual configuration.
- Configure product for one of the three configurations.
- Install and setup audio visual components.

Determine Audio Visual Configuration

Determine which audio visual configuration you have.

Shared TV setup	Personal TV setup	Embedded TV setup
		
Shared TV's on wall or hanging from ceiling. Audio is sent to product via wireless transmitter.	Personal TV on a stand. TV is controlled with a C.A.B. (Console Adapter Box) or C-tv (Connected TV) connect to the product.	TV embedded in product. The product uses the E3 View Monitor.
See *Shared TV Setup*	See *Personal TV Setup*	See *Embedded TV Setup*

A/V setup mode

⚠WARNING

Falling hazard. When starting unit
- Stand on two top steps.
- Do not stand on belt.

1. Plug the power cord into a power outlet from a grounded, dedicated circuit as described under Electrical Requirements in this chapter.
   Do not stand on treadmill during this procedure.
2. Ensure the power cord is not being pinched under the front of the treadmill.
3. Toggle the power switch on (|).
   Power switch is located under the front end of the treadmill. The control panel will lightup and be in the Dormant Mode.
4. Press and the hold the **Display option**  and **UP**  keys for 3 seconds.
   Display will show clock icon.
5. Press **Down**  to navigate to the A/V screen.
6. Press **Enter** to enter setup mode.

7. Press the **Up** or **Down** keys to select A/V type.

LED console

none	No TV available
PEM (Personal Entertainment Monitor)	No further setup is required
UHF	See *Shared TV Setup*
C.A.B. or C-tu (Connected TV)	See *Personal TV Setup*

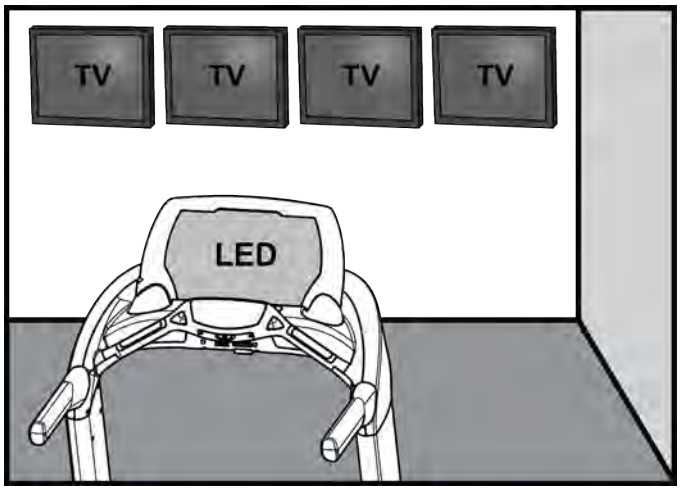
E3 View Monitor

Tuner (coax connection)	See *Embedded TV Setup*
STB + Tuner (Set Top Box and coax cable connection)	See *Embedded TV Setup*
STB + HDMI (Set Top Box and HDMI cable connection)	See *Embedded TV Setup*

8. Plug in headphones to listen for channels during setup.

Shared TV Setup

The shared TV configuration uses a Wireless Audio Receiver Module to receive audio. TV's are mounted on a wall or hung from a ceiling.



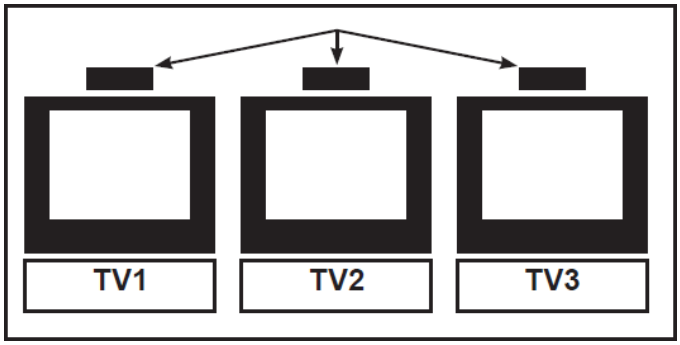
Tools Required:

Headphones (not included)

Setting up the Cybex Wireless Audio Receiver Module requires two steps:

1. Determine the type of transmitter used (MYE 900MHz, Broadcast Vision 863MHz, etc.
2. Assign a TV channel number to each transmitter on the console.

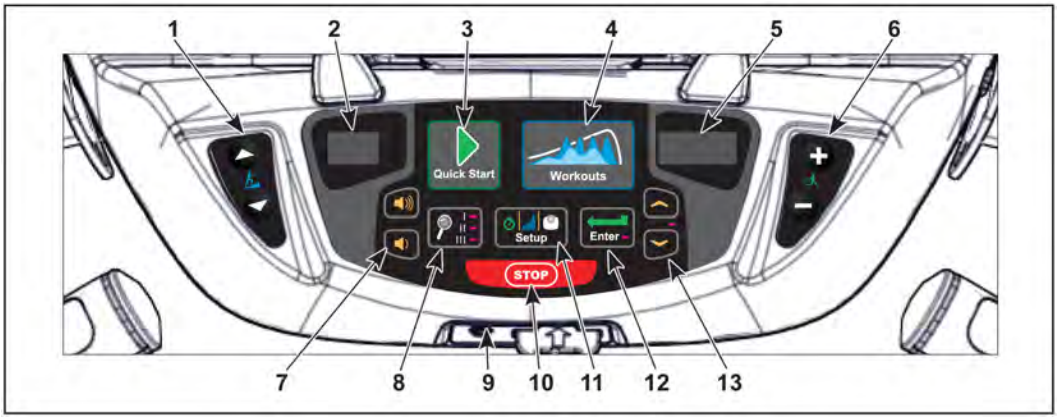
Determine transmitter type
UHF transmitters have TV's identified by number. Example TV1.

UHF Transmitters


Determine which transmitter is used in your facility.

900 MHz System	**863 MHz System**	**806 MHz System**
M 900 MYE	M 863 MYE	J1 806 Japan 14 channels
C 900 Cardio Theater	E 863 Enercise	J2 806 Japan 30 channels
E 900 Enercise	A 863 Audeon	
B 900 Broadcast Vision		

User Controls



1	Incline keys	Navigates through all stored channels as in User Mode.
2	Incline display	Shows setting of receiver sensitivity as (n) near or (F) Far.
3	Quick Start key	Selects transmitter type. Resets all stored TV channels when used.
4	Workouts key	Not used.
5	Speed display	Not used.

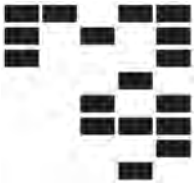
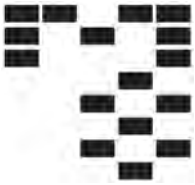
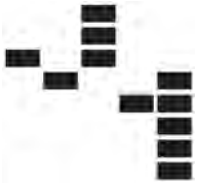
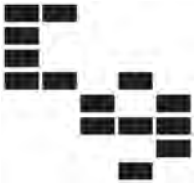
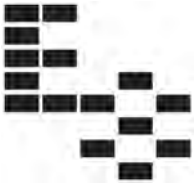
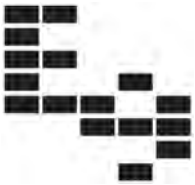
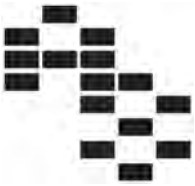
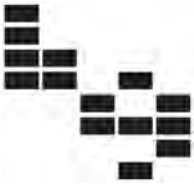
6	Speed keys	Toggles the display for Adding new channels or Deleting stored channels.
7	Volume keys	Increase or decrease volume.
8	Display option key	Scans for available TV transmitters.
9	Headphone jack	Plug in headphones to listen to channels.
10	STOP key	Stores and exits setup
11	Setup key	Toggles near/far for UHF receiver sensitivity.
12	Enter key	Enters menu, accepts value shown, moves forward in menu.
13	Up/Down keys	Navigates TV channels.

Setup UHF Transmitters

1. Press and the hold the **Display option**  and **UP**  keys for 3 seconds.
   Display will show time setup.
2. Press **Down**  to navigate to the A/V setup screen.
   Press the **ENTER**  key.
3. Press the **UP**  and **Down**  keys to select UHF.
4. Press the **ENTER**  key.
5. Press the **ENTER**  key again to change transmitter type.
6. Press **Quick Start** to select your transmitter type from the available choices. The display will only show choices available under your transmitter type (900 MHz, 863 MHz or 806 MHz).

7. Plug in headphones to listen for channels during setup.

Transmitter type display for LED consoles

900 MHz System		863 MHz System		806 MHz System	
“M 900” MYE		“M 863” MYE		“J1 806” Japan 14 channels	
“C 900” Cardio Theater		“E 863” Ener-cise		“J2 806” Japan 30 channels	
“E 900” Ener-cise		“A 863” Audeon			
“B 900” Broad-cast Vision					

8. Press **Display option** key to scan for available channels.
The scan can take up to 10 seconds and then display channel number. Some of these channels may not be signals from the TV transmitters and need to be deleted.

Review channels

1. Press **Up** or **Down** to listen to available channels with the headphones.
2. Delete unwanted channels by pressing Speed **Up** or **Down** to change the right LED window to [dEL].
Press **Enter** to delete channel. Repeat process for additional unwanted channels.
3. Adjust the near/far setting if available channels are not showing.

Press **Setup** key to change the setting from F (Far) to n (Near). Press **Display option** to re-scan for available channels.

4. Press **Up** or **Down** to scroll through and verify all TV channels.
   If all TV transmitters are stored, and they all correlate the TV number to the correct TV heard, setup is complete. If not you may need to re-scan or adjust the transmitter codes (see documentation for your transmitters to perform a code change).
5. Press **STOP** to exit setup. Transmitter setup complete.

Adjust sound volumes
After completing setup, the sound volume should be adjusted between all TV's.

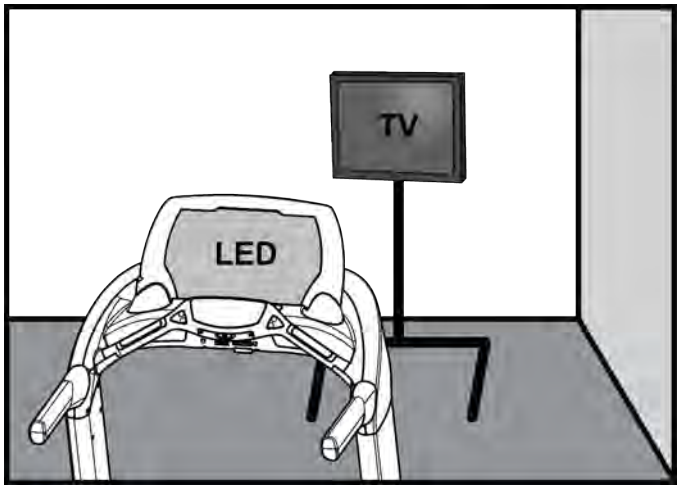
1. Plug headphones into headphone jack.
2. Press **Up** or **Down** to select a TV station.
3. Adjust the volume of each TV to match each other using the TV's remote control.
   The goal is for a volume setting of 10 on the unit to be the same for all TV's.
4. Repeat procedure for all TV's.

Using the Cybex Wireless Audio Receiver

1. Plug headphones into headphone jack.
2. Press **Up** or **Down** to select TV channels.
3. Press volume **Up** or **Down** to adjust volume.

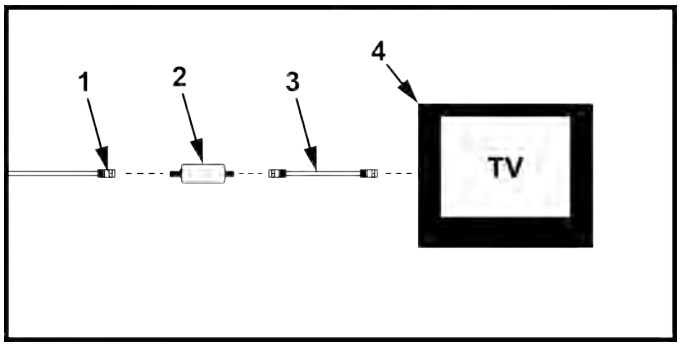
Setup Complete

Personal TV Setup
The personal TV configuration uses a TV on a stand in front of the equipment.



Install coax cable filter (Treadmill only)

1. Turn the Broadcast Vision television off.
2. Unscrew the coax cable from the Broadcast Vision television.

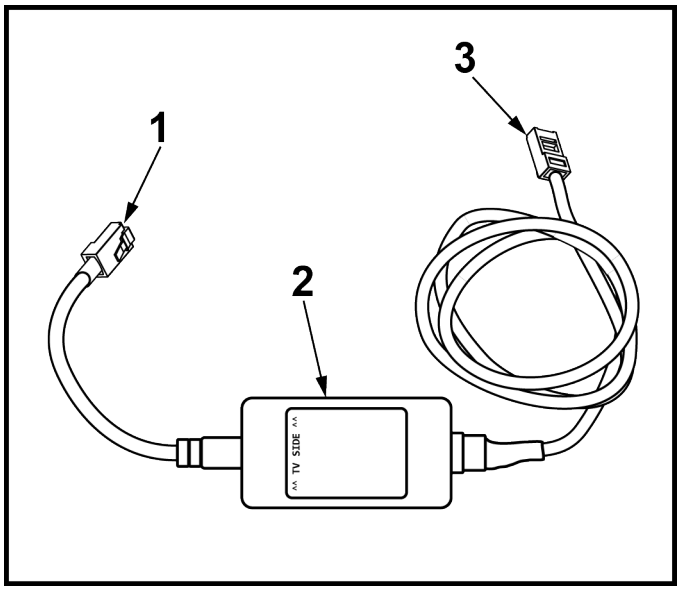


Item	Description	Qty.
1	Coax cable, from cable provider	1
2	Coax cable filter	1
3	Coax cable, 6”	1
4	Broadcast Vision television	1

3. Install the coax cable filter to the coax cable from cable provider.
4. Install the 6” coax cable to the coax cable filter.
5. Install the 6” coax cable to the Broadcast Vision television.
6. Turn the Broadcast Vision television on.

Connect Broadcast Vision to Cybex product

1. Plug the short cable (TV side) of the C.A.B. (Console Adapter Box) or C-tv (Connected TV) into the Broadcast Vision TV.



Item	Description	Qty.
1	Short cable, TV side	1
2	C.A.B. Console Adapter Box or C-tv (Connected TV)	1
3	Long cable, Cybex product side	1

2. Plug the long cable of the C.A.B. (Console Adapter Box) or C-tv (Connected TV) into the coupler at the base of the Cybex product.

C.A.B. (Console Adapter Box) or C-tv (Connected TV) setup option

1. Press any key to access the Opening Screen.
2. Press and the hold the **Display option**  and **UP**  keys for 3 seconds.

3. Navigate through the setup menu with the **UP** and **DOWN** keys.
4. Navigate to the A/V option.
5. Press the **ENTER** Enter key once to enter setup values.
6. Select C.A.B. (Console Adapter Box) or C-tu (Connected TV) from the A/V options.
7. Press the **ENTER** Enter key again to save any changes and advance forward in the menu.
8. Press the **STOP** key to exit Setup options.

Adjust volume

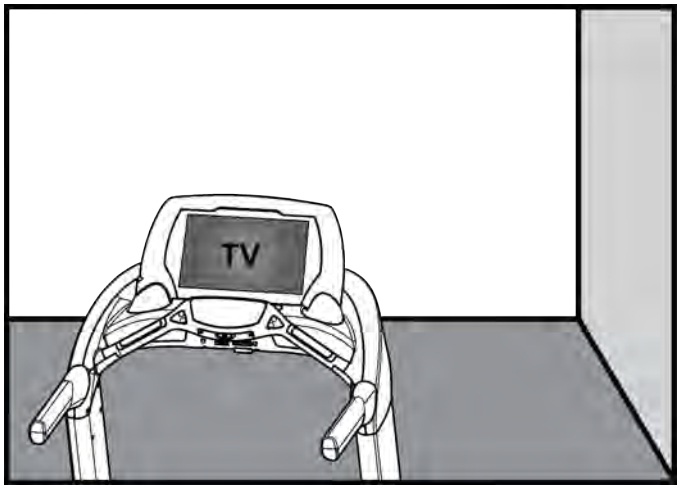
1. Plug headphones into headphone jack.
2. Listen to the TV audio. At the default volume level of 10 on the unit, the TV volume should be 'normal'.
3. If the TV is too loud or too quiet, adjust the TV volume using the Broadcast Vision Remote Control or controls on the TV until it is acceptable.
4. Adjust the volume on the unit using the Volume Up/Down buttons to ensure a normal range for use.

Once the TV volume is set, apply this TV volume level to all TV's.

Setup Complete

Embedded TV Setup

The embedded TV configuration uses the E3 View Monitor in the console of the product.



Determine TV's signal source

For traditional RF Cable Signal over Coax, or a distributed/modulated club setup over Coax, connect the coax at the base of the unit. Skip to *E3 View Monitor Setup*.

For installations using a Set Top Box (Cable Box, Satellite Box or IPTV Box) for each unit, determine the output from the Set Top Box. Follow Set Top Box Setup procedure.

- **Coax** - Connect the included coax jumper at the base of the unit. Set the A/V mode to **STB+Tuner**.

- **HDMI** - The facility needs to supply the connection cable between the Set Top Box and the HDMI coupler at the base of the unit. Set the A/V mode to **STB+HDMI**.

STB (Set Top Box) Setup

Set Top Box Variables
Determine which configuration you have.

Connection options	Ethernet, HDMI, or Coax
Transmitter type	MYE CableSAT, or Broadcast Vision Entertainment
Set Top Box location	Near or Far

Connection options

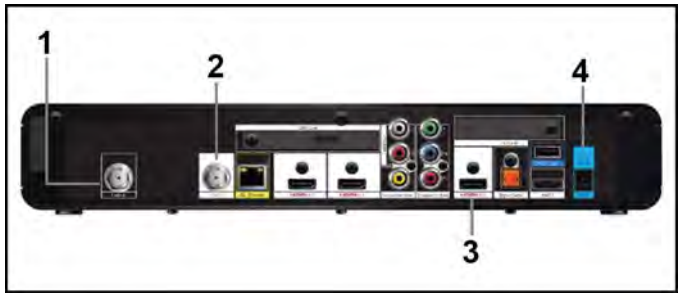
Ethernet	HDMI	Coax
		
NEAR: If using BV CAB or Connected TV, the infrared transmitter plugs in to this connection at the base of the unit and adheres to the front of the STB. **FAR:** If using BV CAB or Connected TV, connect the facility ethernet from here to run to the A/V closet. In the A/V closet, use a coupler to attach the Infrared Transmitter cable and adhere it to the front of this unit's STB.	If the STB is NEAR, one option is to run the output of the STB to the unit using HDMI cables. The signal is routed up to the embedded TV. Setting the console to **STB+HDMI** allows the TV to show the content from the HDMI source.	The output of the STB can be run to the unit using Coax for NEAR or FAR installations. This connects at the base of the unit and sends the signal to the embedded TV. Setting the console to **STB+Tuner**, and then scanning for channels to find the one channel the cable box is on, allows the TV to show the cable box output.

Infrared Cabling
Both MYE and BV use a stick-on IR transmitter. This transmitter is adhered to the front of the set top box, directly in line with the Remote Control IR Receiver. If this is not marked, some experimentation may be necessary to find out where this works best before adhering it. Link to *X1 Boxes and IR Locations*.



Typical Cable or Set Top Box Connections

Input to STB	The STB can use a distributed RF signal over coax (Cable), or distributed Internet Protocol over Ethernet (IPTV.) The source is up to the facility and the system installed.
COAX to equipment TV	This uses the tuner of the equipment's TV, set to channel 3 or 4. For EPEM consoles, this setting is **STB+Tuner**. After installing, scan for channels using the equipment UI or the TV's remote control. It will find the single channel of the Set Top Box.
HDMI to equipment TV	This uses the HDMI input of the equipment's TV, so the TV will be set to HDMI automatically when configured for **STB+HDMI**. No scanning required.



1	Cable in
2	Coax to equipment TV (STB + Tuner)
3	HDMI to equipment TV (STB + HDMI)
4	Power, connect last.

Install STB components based on configuration

Configuration options are:

- MYE CableSAT
- BV CAB or Connected TV STB
- BV CAB for Broadcast Vision or Connected TV, TV-on-a-stand

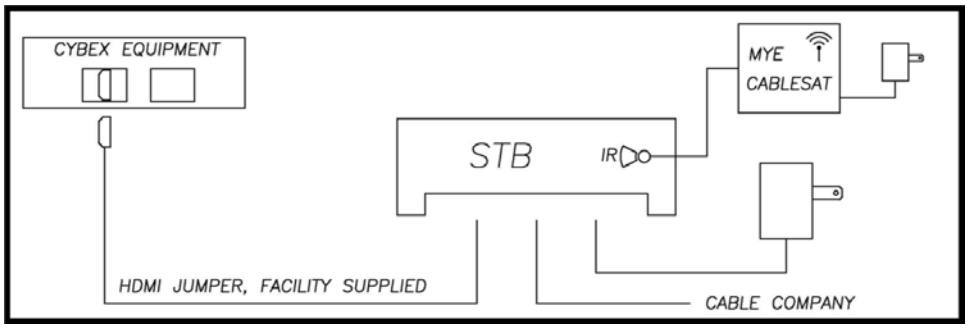
👉 **NOTE:** Configure and setup one product, to test the system, before completing others.

MYE CableSAT

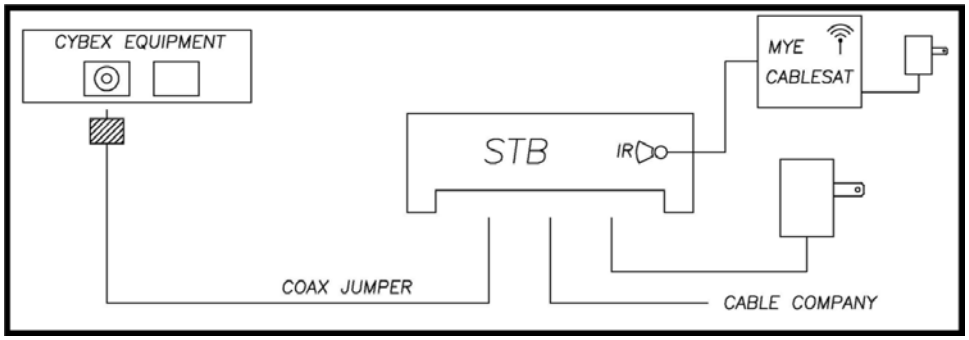
This system uses a wireless transmitter inside the console of the fitness equipment, which sends channel commands to a receiver mounted near the Set Top Box. The STB can be up to 1000' away pending interferences. The transmitter module inside the console is powered by the console. The receiver module has a small wall-bug power supply and an infrared transmitter for adhering to the front of the STB.



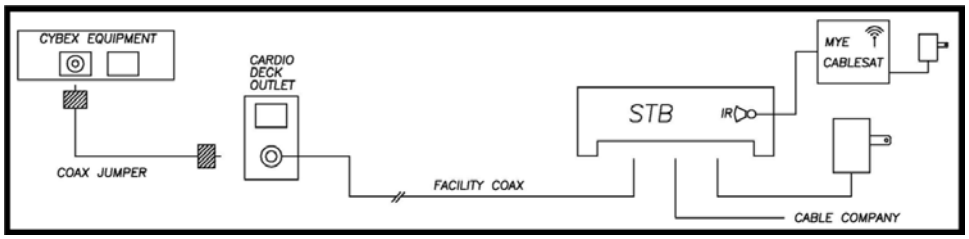
MYE HDMI with STB NEAR to equipment



MYE Coax with STB NEAR to equipment



MYE Coax with STB FAR from equipment (up to 1000’ range if unobstructed)

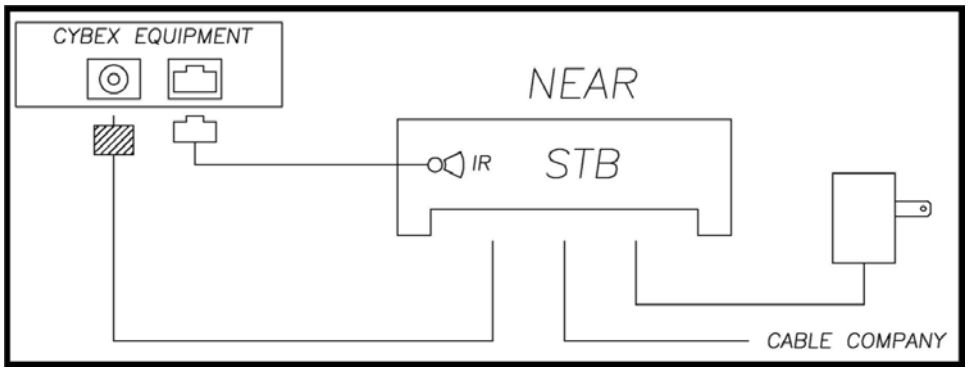


BV CAB or Connected TV STB

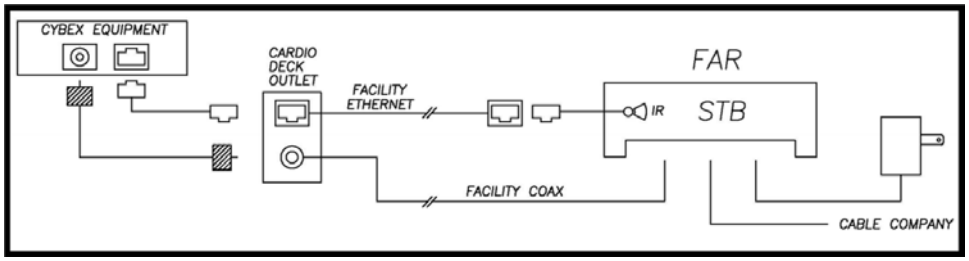
This system uses a transmitter mounted inside the console and a 14” lead that plugs in the Gray MYE port of the MCC. It uses our internal Cat5 cable to connect out to an infrared transmitter which plugs in to the ethernet port at the base of our equipment. This allows for a NEAR STB, where the box is located near the equipment, or FAR, where the STB is stored in an A/V closet. If FAR, the facility must run ethernet from our equipment to the A/V closet and connect the Infrared transmitter from there to the STB.



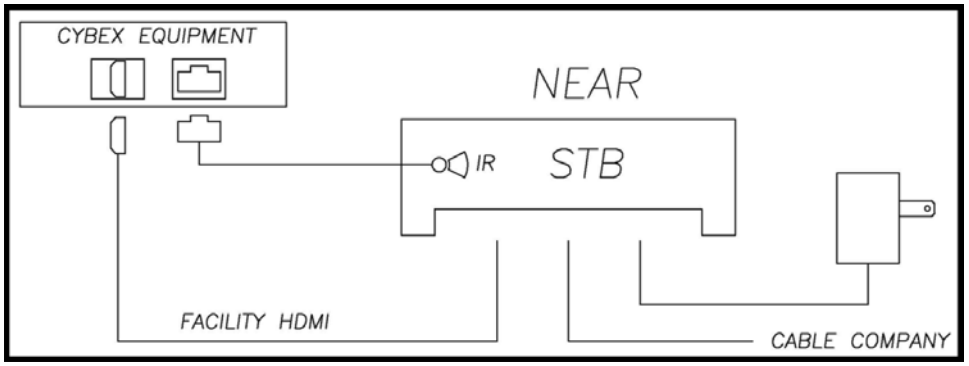
BVE CAB or Connected TV Coax with STB NEAR Equipment



BVE CAB or Connected TV Coax with STB FAR from equipment

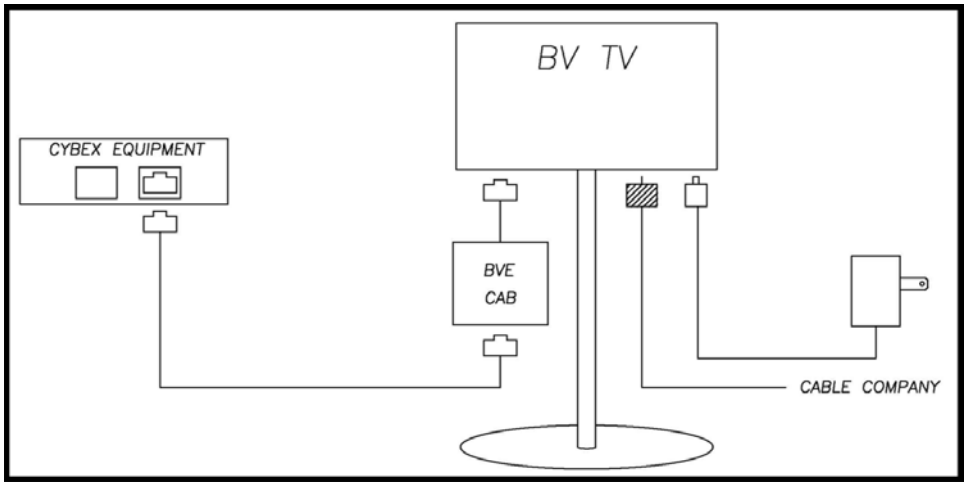


BVE CAB or Connected TV HDMI with STB NEAR equipment



BV C.A.B. for Broadcast Vision or C-tv (Connected TV), TV-on-a-stand
This system uses a Console Adapter Box attached to the Broadcast Vision TV-on-a-stand. Ethernet cable runs from the TV to the ethernet port at the base of the equipment. Console channel commands are sent through the ethernet connection to the adapter box and on to the TV itself. No STB is accommodated in this setup.





STB (Set Top Box) Setup Option

1. Press any key to access the Opening Screen.
2. Press and the hold the **Display option** and **UP** keys for 3 seconds.
3. Navigate through the setup menu with the **UP** and **DOWN** keys.
4. Navigate to the A/V option.
5. Press the **ENTER** Enter key once to enter setup values.
6. Select **Tuner**, **STB + Tuner**, or **STB + HDMI** from the A/V options. If **STB + HDMI** was selected, skip tuning steps.
   a) Use the remote control to *Access Setup Screen*.
   b) Ensure the Set Top Box is on, and the coax connection is connected from the set top box to the Cybex Equipment.
   c) Scan for *channels*. If set to STB+Tuner, it should find one channel (the STB). When done scanning, exit Setup.
7. Press the **ENTER** Enter key again to save any changes and advance forward in the menu.
8. Press the **STOP** key to exit Setup options.

MYE CableSAT Commander Receiver Programming

The MYE CableSAT Receiver (at the Set Top Box) will need to be configured to work with your facilities' Set Top Box. The default setting works with most AT&T boxes. To change the setting, perform the following procedure.

1. Start with MYE CableSAT Command Receiver power disconnected.
2. Using a pen or paperclip, press **PGM** switch and hold it pressed.
3. Connect power to MYE CableSAT Command Receiver.
4. Continue to hold **PGM** switch until **power** and **learn** LED's are lit solid (the first two LED's) then release.

5. Press the **PGM** button until LED's light up in the pattern that corresponds with your Set Top Box:

LED name	Auto Learn Mode	Learned Preset	AT&T, Uverse	Com-cast	Direct TV	Verizon, Charter (Arris)	Time Warner, COX, WOW	DISH	COX Mi-ni Box
power	●	●	○	●	○	●	○	●	○
learn	●	○	●	●	○	○	●	●	○
pro-grammed	●	○	○	○	●	●	●	●	○
error	○	○	○	○	○	○	○	○	●

6. When done, press and hold the **PGM** button until the red LED lights, then release. All LED's should blink once as confirmation this configuration is now stored.

If none of the pre-configured codes above work with your Set Top Box, the MYE CableSAT Command Receiver can be programed as a learning remote using the Infrared Remote Control provided with your STB. Perform the following procedure **MYE CableSAT Commander Receiver Auto Learn**.

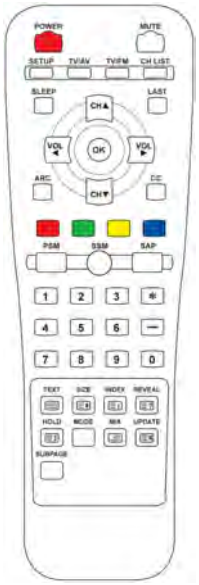
MYE CableSAT Commander Receiver Auto Learn

1. Start with MYE CableSAT Command Receiver power disconnected.
2. Using a pen or paperclip, press **PGM** switch and hold it pressed.
3. Connect power to MYE CableSAT Command Receiver.
4. Continue to hold **PGM** switch until **power** and **learn** LED's are lit solid (the first two LED's) then release.
5. Point remote control at red IR window on the side of the MYE CableSAT Command Receiver and press **Channel Up** key on remote control. The **learn** LED will flicker and the **programmed** LED will briefly light solid once command has been learned. Wait for **learn** LED to be solid.
6. Press **Channel Down** key on remote control. The **learn** LED will flicker and **programmed** LED will briefly light solid once the command has been learned. All LED's should blink once as confirmation.

E3 View Monitor Setup

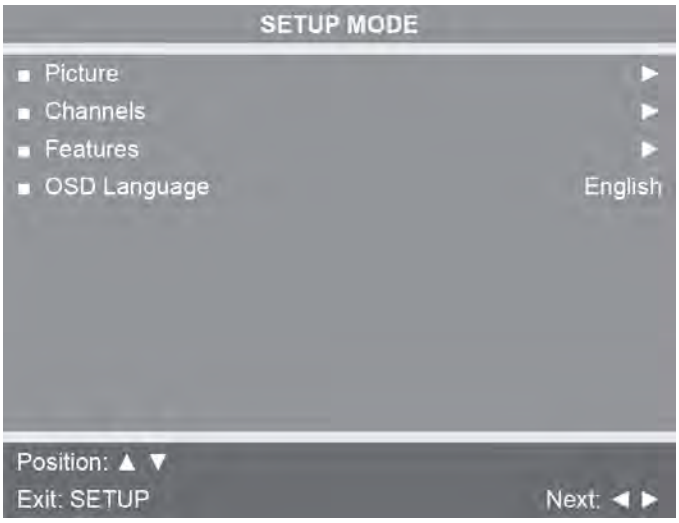
E3 View Monitor Controls

The remote control is used to perform all setup operations for the E3 View Monitor.

		POWER	Turn the E3 View monitor on or off
		SETUP	Enter or exit the Setup home screen
		CH LIST	Channel list - List all available channels
		CH▲	Channel up - Navigate up through the on-screen menu
		CH▼	Channel up - Navigate down through the on-screen menu
		VOL◄	Volume left - Navigate left through the on-screen menu
		VOL►	Volume right - Navigate right through the on-screen menu

Access Setup Screen

Press the **SETUP**  button to display the **SETUP MODE** screen on the E3 View Monitor. Follow procedure to setup the E3 View Monitor.



Picture
Channels
Features
OSD Language

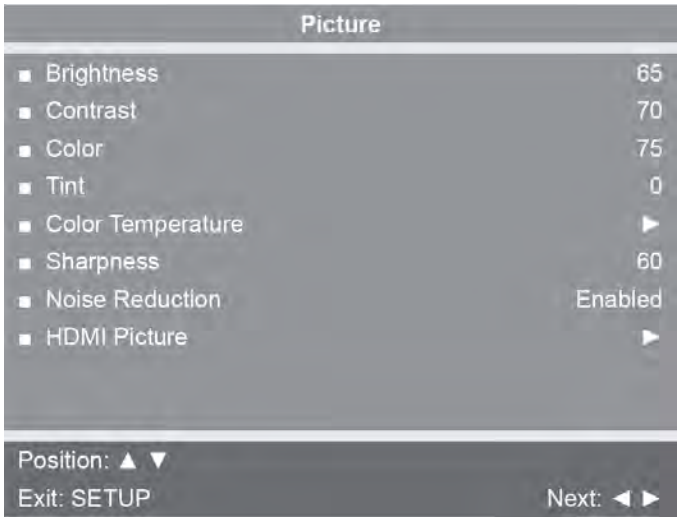
Picture

1. Press 

or 

to select **Picture**.
2. Press 

to select access **Picture** menu.



Brightness	Adjust range from 1 to 100. Default is 65.
Contrast	Adjust range from 1 to 100. Default is 70.
Color	Adjust range from 1 to 100. Default is 75.
Tint	Adjust range from 1 to 100. Range is R50 to G50. Default is 0.
Color Temperature	Adjust color balance of Red, Green and Blue temperatures.
Sharpness	Adjust range from 1 to 100. Default is 60.
Noise Reduction	Select Enabled (Default) or Disabled.
HDMI Picture	Set to Auto or Adjust settings as needed. Available only when HDMI signal is present.

3. Press 

or 

to select settings.
4. Press 

or 

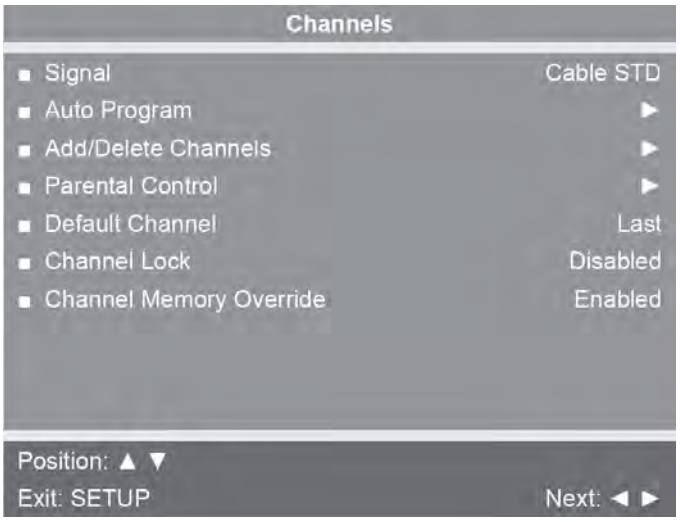
to adjust settings.
5. Press the **SETUP** 

button to return to **SETUP MODE** menu.

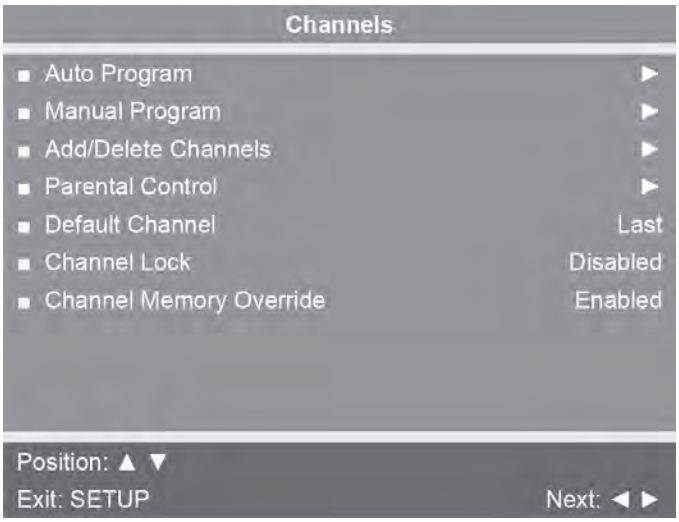
Channels

1. Press CH▲ or CH▼ to select **Channels**.
2. Press VOL ▶ to select access **Channels** menu.

ATSC Monitor



DVB-T Monitor



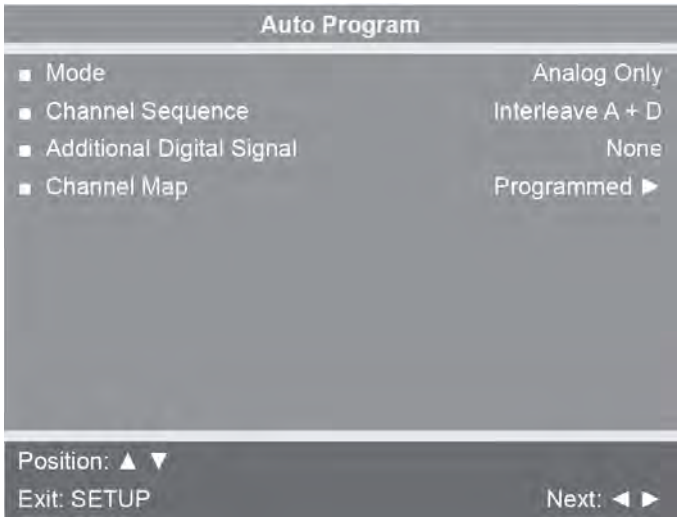
Feature	Settings
Signal (ATSC only)	Select Air, Cable STD, Cable IRC, or Cable HRC.
Auto Program	*See Below*
Manual Program (DVB-T only)	*See Below*
Add/Delete Channels	*See Below*
Parental Control	Block channels based on TV ratings.
Default Channel	Select channel to display on power up. Select from available channels or last.
Channel Lock	Select **Enabled** or **Disabled**. If enabled only one channel is shown, user cannot change channels.
Channel Memory Override	Select **Enabled** or **Disabled**. If enabled allows user to select any available channel.

3. Press CH▲ or CH▼ to select settings.
4. Press VOL ◄ or VOL ► to adjust settings.

Auto Program (ATSC Monitor)

1. Press CH▼ to select **Auto Program**.
2. Press VOL▶ to enter the menu.
3. Press CH▲ or CH▼ to select **Mode**.

   ATSC Monitor



Mode
Channel Sequence
Additional Digital Signal
Channel Map

4. Press VOL◀ or VOL▶ to set the scope of channel scanning.
   a) Analog Only (Default): TV searches for analog channels only.
   b) Digital Only: TV searches for digital channels only.
   c) Analog and Digital: TV searches for both analog and digital channels.

5. Press CH▼ to select **Channel Sequence**.
6. Press VOL◀ or VOL▶ to set the Channel Sequence in which the channels are displayed after searching.
   a) Interleave A+D: In the order of channel number regardless of the system.
   b) All A then D: Digital channels are displayed after all analog channels.

7. Press CH▲ or CH▼ to select **Additional Digital Signal**.
   Not available when **Mode** is set to Analog Only.
8. Press VOL◀ or VOL▶ to choose the **Additional Digital Signal** source.
   Choices are: None, Air, Cable STD, Cable IRC, or Cable HRC.

9. Press 

to select **Channel Map**.
10. Press 

to start auto programming.
A confirmation menu will appear before proceeding.
11. Press 

(Yes) to start auto programming.

Press 

(No) button to cancel the operation. The TV will now search all available channels with an on-screen progress percentage displayed. Any tuning Mode that includes Digital channels will require several minutes to complete auto programming.

This may take 20 or more minutes. If screen shuts off, Press the **POWER** 

button to turn monitor on.

12. Press the **SETUP** 

button to return to normal TV viewing once auto programming is complete.
13. Press the **CHANNEL LIST** 

button to list programmed channels.
14. Press the **SETUP** 

button to return to **SETUP MODE** menu.

Auto Program (DVB-T Monitor)

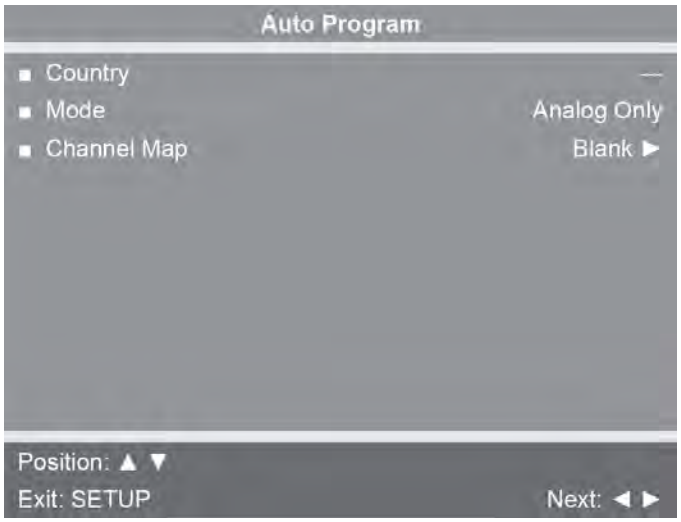
1. Tap 

to select **Auto Program**.
2. Tap 

to enter the menu.

3. Tap CH▲ or CH▼ to select **Country**.

DVB-T Monitor



Country
Mode
Channel Map

Available countries are:

Albania, Austria, Australia, Belgium, Bosnia, Bulgaria, China, Croatia, Czech, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Kazakhstan, Latvia, Lithuania, Luxembourg, Morocco, Netherlands, Norway, Poland, Portugal, Romania, Russia, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, UK, and Ukraine.

4. Tap CH▲ or CH▼ to select **Mode**.
5. Tap VOL◄ or VOL► to set the scope of channel scanning.

Option	Description
Analog Only (Default)	TV searches for analog channels only
Digital Only	TV searches for digital channels only
Analog and Digital	TV searches for both analog and digital channels

6. Tap CH▼ to select **Channel Map**.
7. Tap VOL► to start auto programming.
A confirmation menu will appear before proceeding.

8. Tap CH▲ (Yes) to start auto programming.

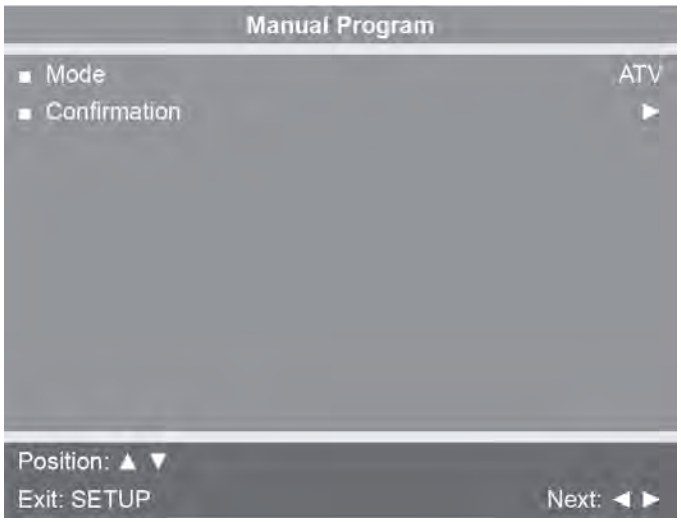
   Tap CH▼ (No) button to cancel the operation. The TV will now search all available channels with an on-screen progress percentage displayed. Any tuning Mode that includes Digital channels will require several minutes to complete auto programming.

   This may take 20 or more minutes. If screen shuts off, **POWER** POWER button to turn monitor on.

9. Press the **SETUP** SETUP button to return to normal TV viewing once auto programming is complete.
10. Tap the **CHANNEL LIST** CH LIST button to list programmed channels.
11. Press the **SETUP** SETUP button to return to SETUP MODE menu.

Manual Program (ATSC and DVB-T)

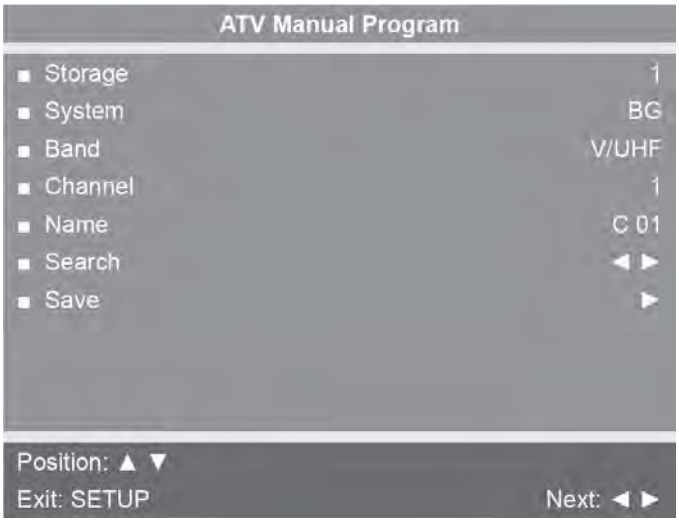
1. Tap CH▼ to select **Manual Program**.
2. Tap VOL▶ to enter the menu.
3. Tap CH▲ or CH▼ to select **Mode**.

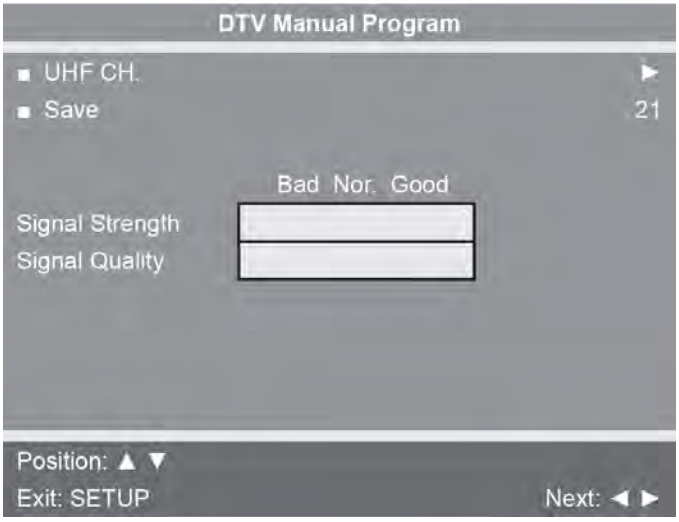


Mode
Confirmation

4.

Tap  or  to select ATV or DTV.





ATV Mode	Adjust settings for **Storage**, **System**, **Band**, **Channel**, **Name**, or **Search**. Select **Save** to save settings.
DTV Mode	Select **UHF channel**. Select **Save** to save settings.

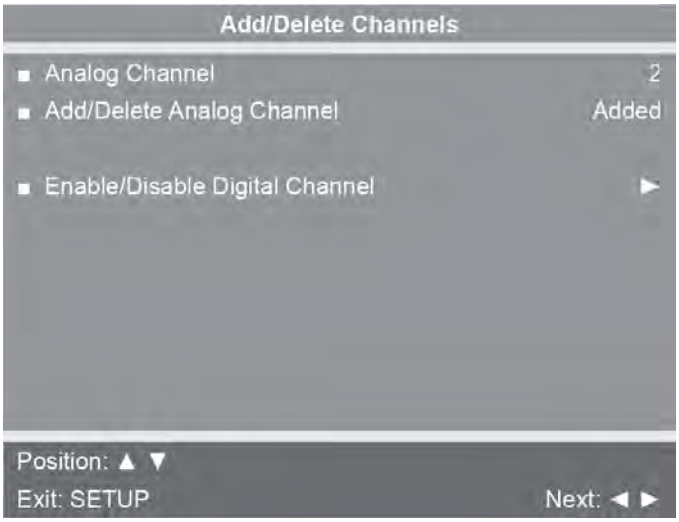
Add/Delete Channels (ATSC and DVB-T)

1.

Press  to select **Add/Delete Channels**.

2.

Press  to enter the Add/Delete Channels menu.



Analog Channel
Add/Delete Analog Channel
Enable/Disable Digital Channel

3.

Press  or  to select the desired analog channel.

4. Press  or  to highlight **Add/Delete Analog Channel**.
5. Press  or  to select **Added** or **Deleted**.
6. Press the **SETUP**  button to return to the previous menu.

   To exit, Press the **SETUP**  button until the programming menus disappear. If there are more analog channels to be added or deleted, repeat steps 3 through 5.
7. Press  or  to highlight **Enable/Disable Digital Channel**.
8. Press  to select **Enable/Disable Digital Channel**.
   If there are not any channels programmed in the Service Level, No Channels Present will appear in the menu.
9. Press  or  to highlight the digital channel that needs to be enabled or disabled.
10. Press  or  to select **Enable** or **Disable**.
11. Press the **SETUP**  button to return to the previous menu.

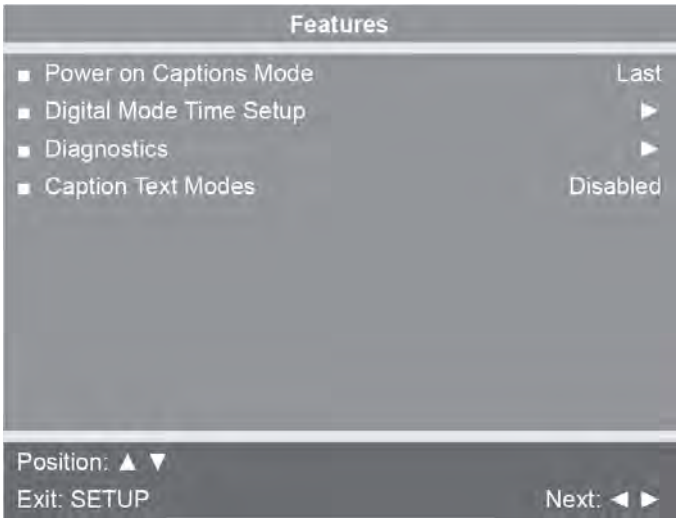
Features

1. Press  or  to select **Features**.

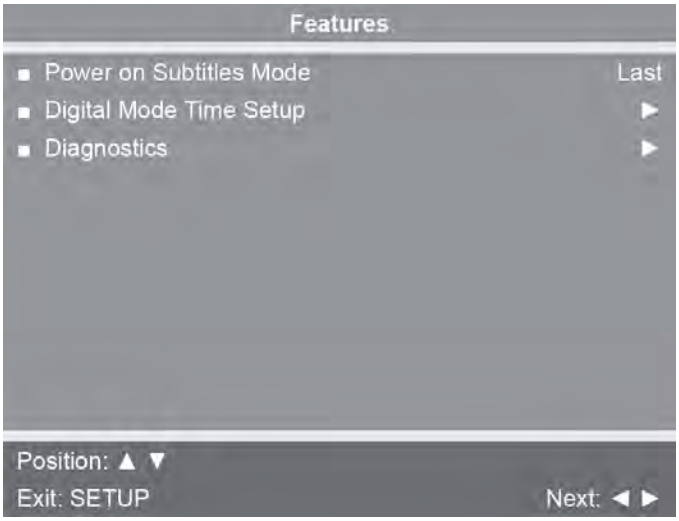
2.
Press 

to select access **Features** menu.

ATSC Monitor



DVB-T Monitor



3.
Press 

or 

to select settings.

4.
Press 

or 

to adjust settings.

Feature	Settings
Power on Captions Mode (ATSC only)	Select Off or Last. Last will set caption mode to last used setting.
Power on Subtitles Mode (DVB-T only)	Select Off or Last. Last will set subtitle mode to last used setting.
Digital Mode Time Setup	Set current time automatically from digital signal. Select time zone and daylight savings time to Auto, On, or Off.
Diagnostics	Provides diagnostic information only. Settings cannot be changed.
Caption Text Modes (ATSC only)	Select Enabled or Disabled.

5.
Press the **SETUP** 

button to return to **SETUP MODE** menu.

OSD Language

1.
Press 

or 

to select **OSD Language**.

2. Press  or  to select language.

Option	Description
ATSC choices	English, Français or Español.
DVB-T choices	English, Français, Español, Dutch, Danish, Russian, German, and Swedish.

3. Press the **SETUP**  button to return to **SETUP MODE** menu.

   Exit Set Up Mode by pressing the **SETUP**  button.

Setup Complete

Diagnostics

Diagnostic menus display service information.
Access diagnostic menus.

1. While in Dormant Mode, Press any key to access the Opening Screen.
2. Press and the hold the **Display option**  and **DOWN**  keys for 3 seconds.
3. Navigate through the setup menu with the **UP**  and **DOWN**  keys.

4. Press the **ENTER** 

key once to enter setup values. Press again to save any changes and advance forward in the menu.

Navigation while in Statistics or Diagnostic menus:

Up/Down keys	Scroll up and down in menu. Adjust data values.
Enter	Enter and exit menu items, move forward in menu if not required.
Stop	Exit back to Dormant Mode.
Quick Start	Select Diagnostics.

Statistics menu:

S1	Miles	Total distance in Miles or Kilometers.
S2	Hours	Total hours of running belt movement.
S3	Starts	Total starts of running belt movement.
S4	Error Log	Displays number of errors, up to 20. If no errors are stored [0] [Err] [Log] will be displayed. To scroll through error log press **Enter**, then use **Up/Down** keys. When viewing error log use the **Enter** key to toggle display to Time Stored, Date stored, then back to error number. **Reset -** While viewing error log press the **Scan/Hold**  or **Display option**  key twice.

5. Press the **Quick Start** key to exit error log and enter Diagnostics menu.

6. Press the **ENTER**  key to scroll through options.

   Diagnostics menu:

T1	Test home	Displays Drive software version and MCC board software version.
	LED test	Press **Quick Start** key to start. A quick LED text begins with lighting the following for three seconds each. Bar Graph Matrix (BGM) LED's and heart in red, center numerics and heart in green, membrane LED's and heart in blue.
	Key test	Press **Workouts** key to start. Test each key by pressing once. Each key press is recognized with a beep, center numeric displays assigned number per key. Press **Stop** key once to test, hold for two seconds to exit key test.
T2	Drive frequency	Displays Set frequency, Actual frequency and number of foot falls. Foot falls is the count of steps taken on the running belt. Incline and speed keys are active.
T3	Amps	Displays input line current and output drive current. **Quick Start** key is active to start the running belt. Incline and speed keys are active.
T4	Volts	Displays drive motor output voltage and bus voltage. **Quick Start** key is active to start the running belt. Incline and speed keys are active.
T5	Temperature	Displays drive motor temperature in degrees Celsius. **Quick Start** key is active to start the running belt. Incline and speed keys are active.

7. Press the **STOP** key to return to *Dormant Mode*. If drive motor was running press the **STOP** key again.

Error Codes 525T Treadmill

Error codes notify user of a problem condition and are displayed on the console. Error codes can also help to indicate the part of the unit most likely to be causing the problem.

Known conditions that will generate errors:

- Shutting of the power while the belt is moving (Error *3*, *5*, *95* and *99* possible)
- Cycling power too quickly (SVC-95 with no error stored)
- Setting the line frequency to not match the input (Error *141*, *140*)
- Display watchdog resets cause a pair of codes, *9* and *99*, to appear in sequence

NOTE: Errors < 90 are console generated. The console software has determined an error condition exists that either doesn't involve the drive or hasn't caused the drive to malfunction. All errors generated by or reported by the motor controller are 90 or greater.

Access error log

1. Press the **STOP** key several times.
2. Press and the hold the **Display option**  and **DOWN**  keys for 3 seconds.

3. Press the **UP** or **DOWN** keys until **Error Log** is displayed.
Total number of errors will be displayed.
If three dashes - - - are shown, the error log is empty.

4. Press **ENTER** Enter and use the **UP** or **DOWN** keys to scroll through the error log.
When viewing error log use the **ENTER** Enter key to toggle display to Time Stored, Date stored, then back to error number. To reset the error log press the **Display option** key twice.

Error code list

Error Code	Description
Error 1	Drive did not start (No Speed at Startup)
Error 2	GFX Communications issue
Error 3	Speed Irregularity / Underspeed
Error 4	Upper Display Communications issue
Error 5	Drive Communication Issue
Error 6	Membrane Fault (stuck key)
Error 7	Controller Over-Current (Fold-back)
Error 8	Approaching Over-Temperature
Error 9	MCC Watchdog Triggered
Error 12	Graphics Board Watchdog Triggered
Error 13	Upper Display watchdog Triggered
Error 14	Drive Error Unknown
Error 15	Embedded A/V Device Failure
Error 16	Membrane Fault (No Membrane)
Error 18	Membrane Fault - Stuck Thumb Control
Error 19	Drive Enable Line is open
Error 92	Over Current (Output)
Error 93	Over Voltage (DC Link)
Error 94	Over Heat (Heatsink)
Error 95	Low Voltage (DC Link)
Error 96	Thermal Integrator of output current
Error 98	Display Communication Lost – Belt speed zero

Error Code	Description
Error 99	Display Communication Lost – Belt moving
Error 103	Input Current OC trip (Drives with PFC only)
Error 105	Thermal Integrator of Input Current (Drives with PFC only)
Error 140	Cannot find home position on power-up
Error 141	Cannot find home position during use
Error 142	Out of incline range (over 15% or lower than -3%)
Error 150	Out of Speed Range (over 150 Hz)
Run? or Are you there?	Motion sensor message

Error 1: Drive did not start (No Speed at Startup)

Cause:
Main computer board calls for the drive motor to start, but the drive controller responds with 0 for more than 5 seconds (the drive motor didn't start).

Service:
The only known cause of Error 1 has been a drop in communications or corrupted communications. These have not been 'hard' or repeatable events.

- If the E-stop connection is open or intermittent, the drive can attempt to start and end up with an Error 1.
- A communication problem can result in Error 1, stemming from issues with the console cable, drive or MCC. They will likely be accompanied by other comm errors such as *9*, *98*, *99*.
- ESD could cause intermittent issues with communications.
- Older equipment ignores the E-stop key on power-up, so if the key is out, the console is unaware. Normal use will result in Error 1 until the key is replaced.
- Check the cabling from the console to the motor controller.

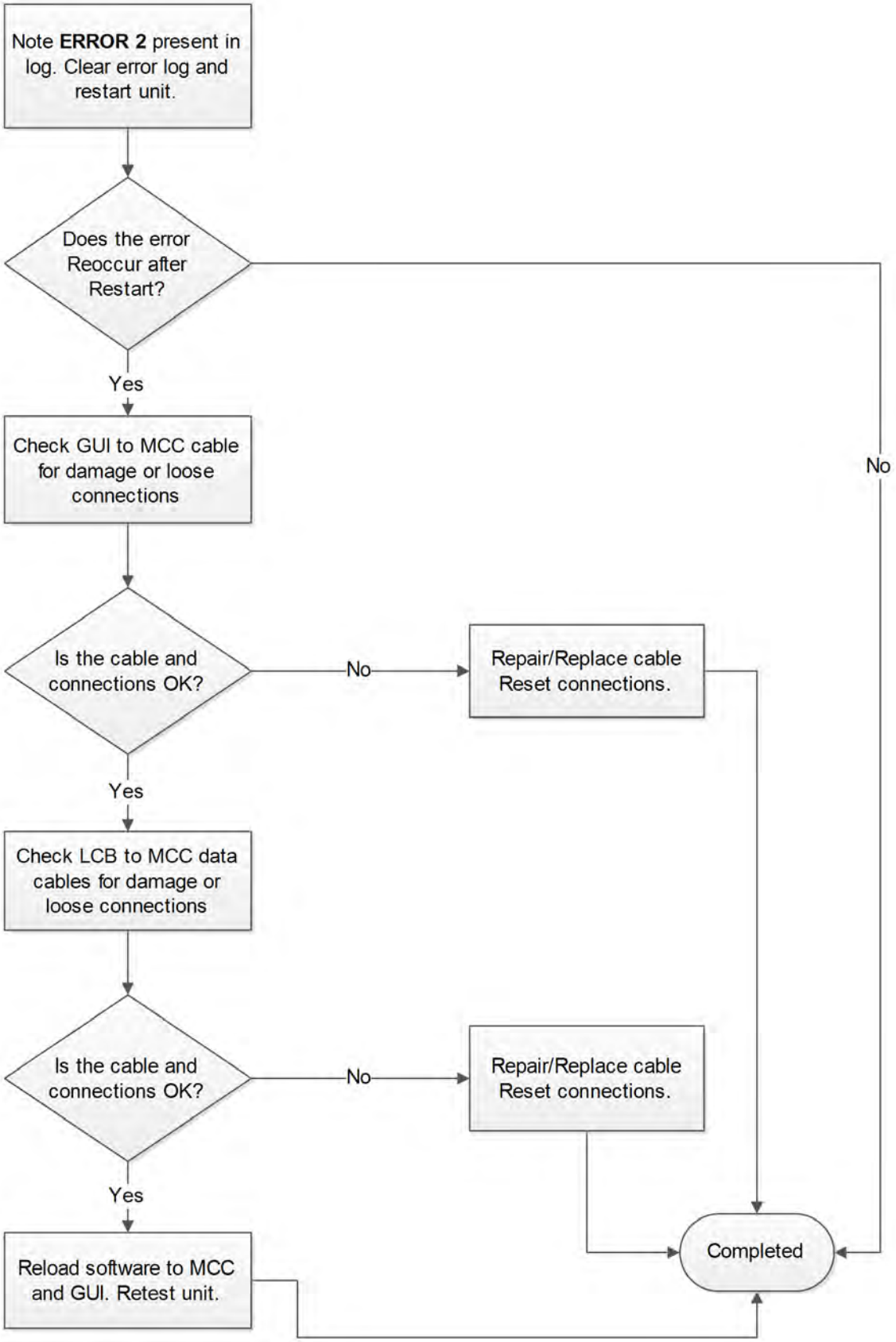
Error 2 - GFX communications issue

Cause:
MCC is receiving incomplete, erroneous, or no information from the Graphics Board that occurred even after three re-tries.

Service:
If this occurs in Dormant, the cause is likely a software defect or power fluctuation. If this occurs mostly in active mode, it could be due to static discharge or increased data traffic.

- Check internal cabling at the handset to ensure grip leads are not routed close to the back of the GFX assembly.
- Check the cable connections from the GFX to MCC, MCC to the LCB for potential pulled out or shorted wires.
- Check the cable connections at the 30-pin cable connecting the GFX to the MCC.
- Verify the console cable isn’t damaged or pinched anywhere.
- Ensure the GFX ground lead is screwed tightly to the GFX case and connected to the MCC’s quick connect tab.

Flowchart: Error 2



Error 3: Speed Irregularity / Underspeed

Cause:
- **Loss of Speed:** Drive responds with an actual of 0 Hz after initially sending a valid speed.
- **Speed Acceleration is delayed:** Drive is reporting a deviation of more than 6% from Target frequency to Actual frequency for more than 45 seconds when changing speed. It should not take more than 35 seconds to go from 0 MPH to 15.6 MPH, so having this deviation exist for much longer than that is a problem.
- **Speed changes during workout:** After successfully changing speed, the Drive reported actual speed is <6% under the Target without being commanded by the console.

Service:
Error 3, like *Error 95*, can be displayed and/or stored if the power is interrupted while the belt is moving. The drive controller immediately shuts off the motor, yet the main computer board still has enough power to stay awake to see the drive report the motor stop. This is not a hard error condition, nor repeatable. If they do repeat, check the cabling from the console to the motor controller.

Error 4: Upper Display Communications issue

Cause:
Main computer board is receiving incomplete, erroneous, or no information from the upper display that occurred even after three re-tries. The upper display is not required for the treadmill to function safely, so this is a stored error only. If and when the product is in Dormant, the main computer board will attempt to cycle power or reset the Upper Display system.

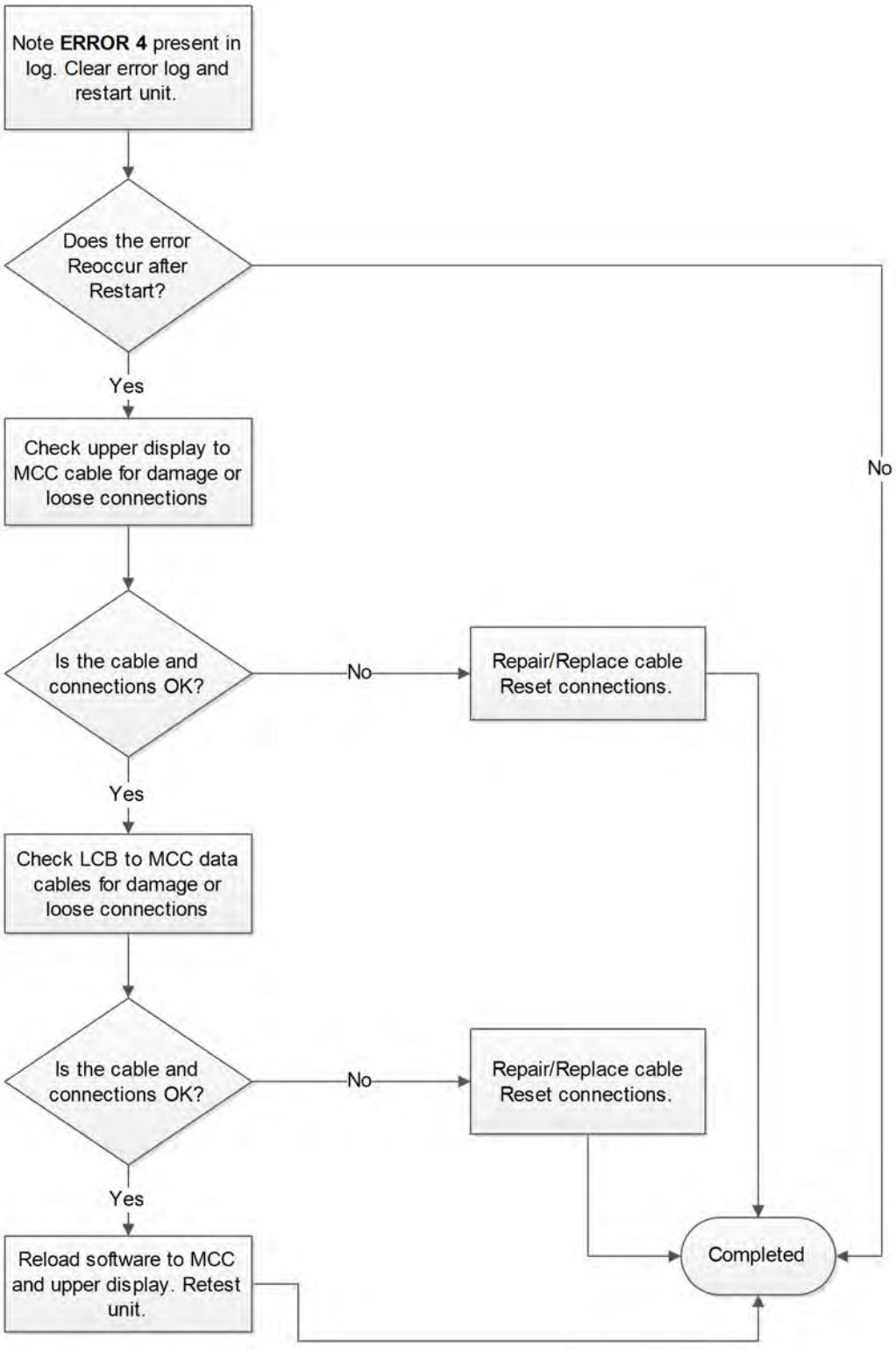
Service: LED Console
If this occurs in Dormant, the cause is likely a software defect or power fluctuation. If this occurs mostly in active mode, it could be due to ESD events or increased data traffic.

- Check internal cabling between the MCC and Display board.
- Ensure there are no cracks or openings in the upper display's console decal or membranes
- Verify no moisture intrusion has compromised the MCC, display or cabling.

Service: EPEM (Embedded PEM or E3) Consoles
If this occurs in Dormant, the cause is likely a software defect or power fluctuation. If this occurs mostly in active mode, it could be due to ESD events or increased data traffic.

- Check internal cabling between the MCC and EPEM.
- Ensure there are no cracks or openings in the upper display's console decal or membranes
- Verify no moisture intrusion has compromised the MCC, EPEM or cabling.

Flowchart: Error 4



Error 5: Drive Communication Issue

Cause:
Loss of communication with the drive, the drive has not given a valid response in 350- 400ms.

Service:
Power outages are most suspect.

- Check the power cord, the power source (plug, outlet, cleanliness of power, brown-outs, etc.) and internal communication cabling.
- If the drive controller shuts down communication while the display is powered up, it can store this error.
- Check the communications cabling from the console to the motor controller.
- Check the motor connector at the motor controller. If the cable tie holding the cable is too tight it may cause a loose connection. If so, snip the cable tie and secure the motor connection.
- If the data cable is routed alongside the cube or line filter it may flag unnecessary errors. Try to route the cable closer to the frame away from the line filter.
- Can also occur if a 230V motor controller is accidentally installed in a 115V unit

Error 6 - Membrane Fault (Stuck Key)

Cause:
Membrane is showing a key constantly activated (noticed at power-up.)

Service:
- Check the membrane and thumb controls for signs of fatigue, cracking, or possible moisture intrusion.
- Ensure the membrane connector is fully seated.
- Inspect the membrane cable for cuts, pinches, and all leads are fully inserted in their connectors.
- Replace the membrane and/or the thumb control switches.

Key list

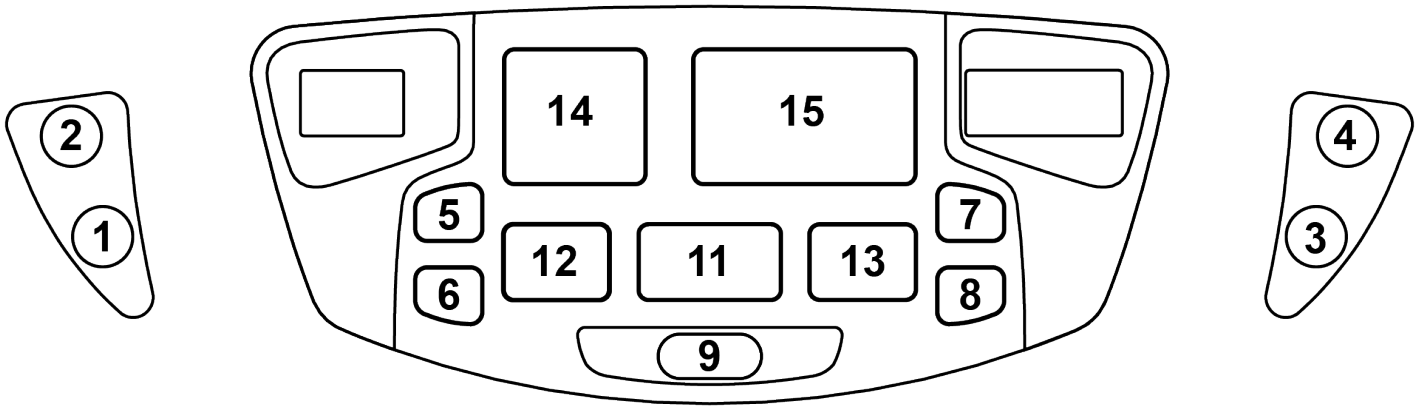
Left and Right controls

Key	Description
1	**Incline Down**
2	**Incline Up**
3	**Speed Down**
4	**Speed Up**

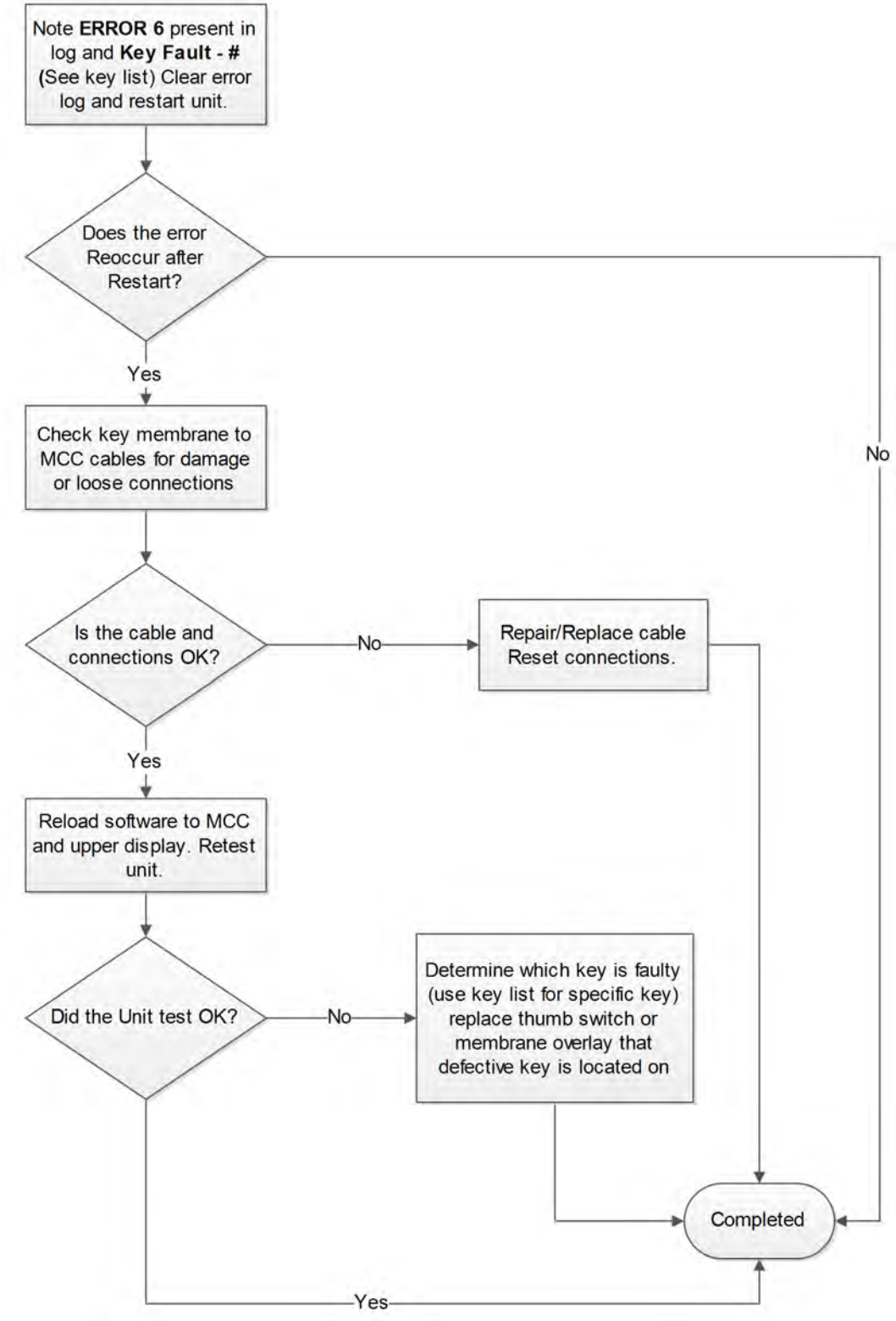
Main controls

Key	Description
5	**Volume Up**
6	**Volume Down**
7	**Channel Up** or **Next**
8	**Channel Down** or **Previous**
9	**STOP**
11	**Setup**
12	**Display option**
13	**Enter**
14	**Quick Start**
15	**Workouts**

Quick Start-Workouts membrane



Flowchart: Error 6



Error 7: Controller Fold-back

Cause:
The motor is bogging down, which causes high current. Once a threshold current is met, the drive begins to fold-back the actual frequency in response to the motor slip in order to prevent a complete motor stall. Once the over-current condition goes away, normal operation resumes. If the over-current remains, the display will sound a triple-beep, and lower the Target Speed to the reported new Target of the drive.

👉 **NOTE:** This scenario can repeat if necessary.

Service:
Error 7 is typically caused by a Super-User and/or worn belt and deck. This is a normal condition and the error is stored for tracking purposes only. If it repeats often, verify line voltage isn't sagging.

- Check the belt/deck for wear.
- Check treadmill for physical obstructions, seized bearings, etc.
- Investigate actual line current with various weight users. Determine user weight, speed and incline when error occurred.

Error 8: Approaching Over-Temperature

Cause:
Drive is reporting a temperature of 100+°C

Service:
- Open controller and vacuum or blow out accumulated debris.
- Verify the drive's fan is functional, unclogged, and the heat sink vanes are clear of debris.
- Verify controller is secured to the mounting plate tightly.
- Inquire on conditions in which the unit generated the error condition (user weight, speed, incline, etc.).

Error 9: MCC Watchdog triggered

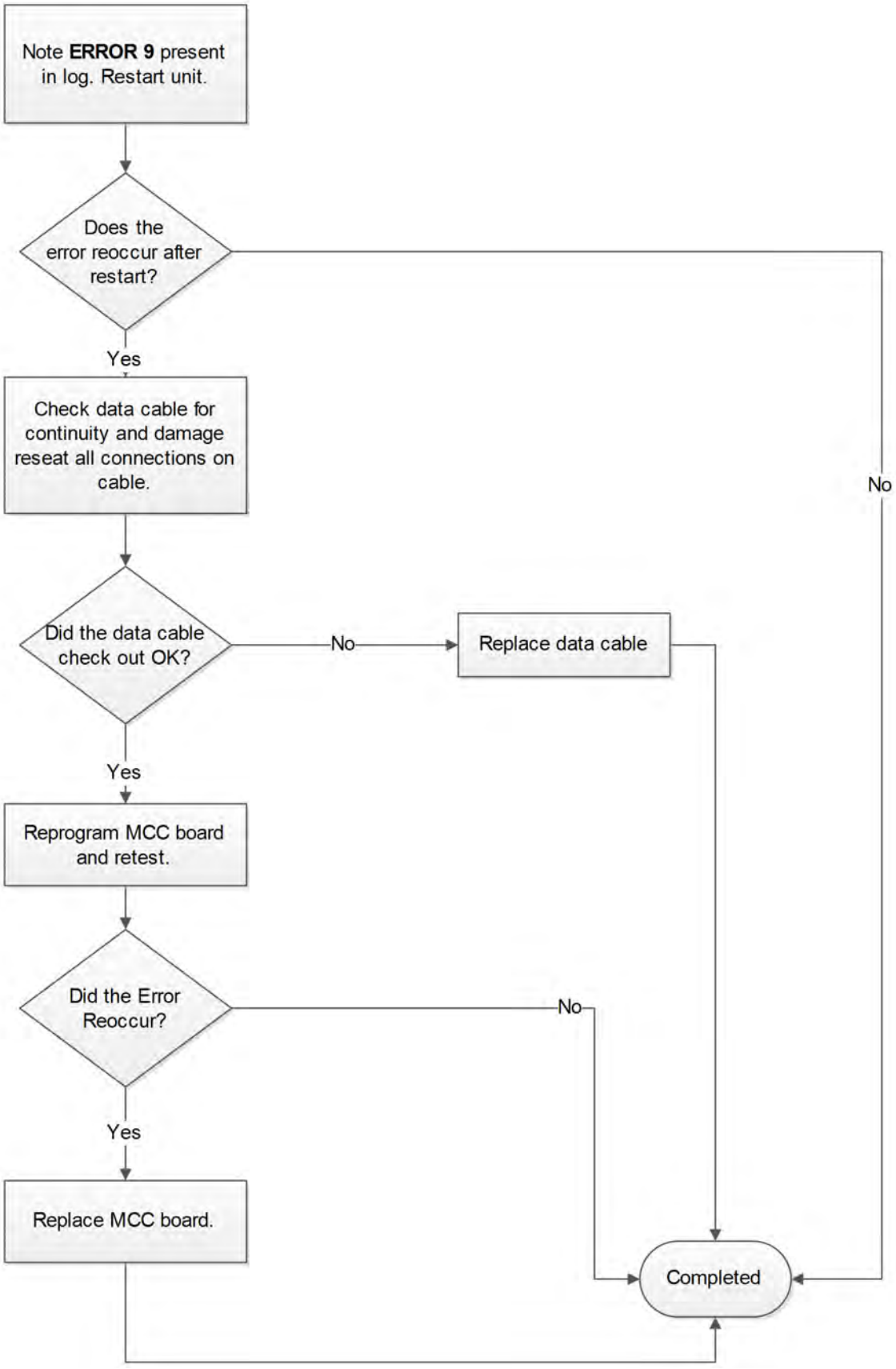
Cause:
A software task has failed, causing a delay in the routine running of the code. If the delay is long enough, a hardware timer in the processor will re-boot the processor. When the processor comes up, it will communicate what caused the reset (watchdog vs. normal power reset.) Watchdog resets are logged as Error 9. Power resets are not logged.

Service:
Possible causes of this watchdog error include ESD (Static Electricity) or hardware failures in the display and/or handset board.

- Check the CHR grips for conductivity and ensure they aren't shorted to the frame or pinched.
- Verify the membranes and decals are not fatigued, cracked or show signs of moisture intrusion.
- Ensure the GFX ground lead is secured correctly, and all screws holding the MCC are tight.
- Check the rear MCC grounding tab for a tight fit.

If the error occurs often, replace the MCC. If associated with membrane faults 6 or 16, a good assumption is ESD affected the membrane or thumb controls and they need replacing.

Flowchart: Error 9



Error 12: Graphics Board Watchdog triggered

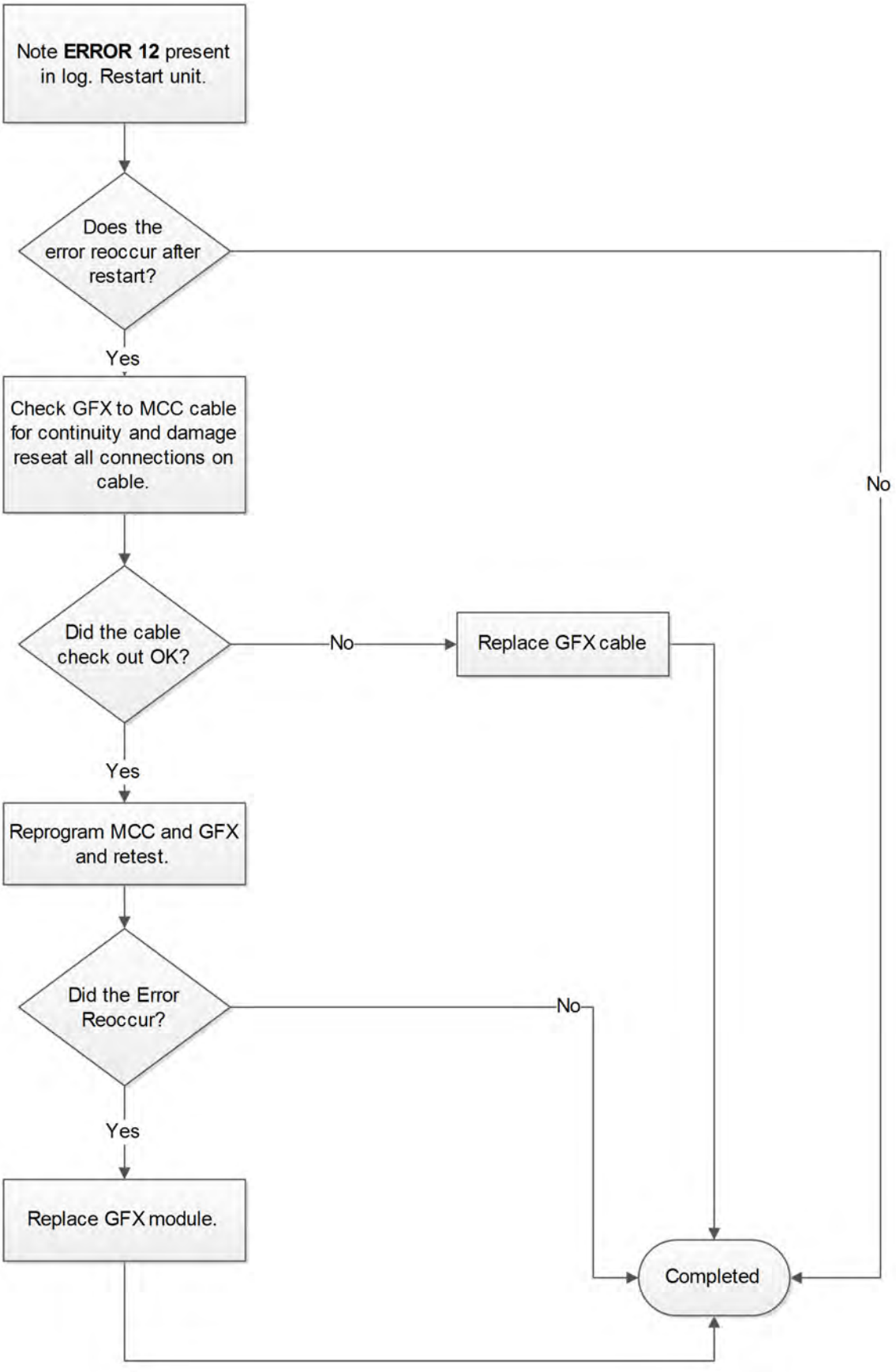
Cause:
A software task has failed, causing a delay in the routine running of the code on the Graphics Board. If the delay is long enough, a hardware timer in the processor will re-boot the processor. When the processor comes up, it will communicate what caused the reset (watchdog vs. normal power reset.) Watchdog resets are logged as Error 12. Power resets are not logged.

Service:
The only theory on what could cause a watchdog to kick on the GFX is an ESD event, software or hardware failure

- Check the CHR grips for conductivity and ensure they aren’t shorted to the frame or pinched, and that they don’t lie against or near the back of the GFX board.
- Verify the membranes and decals are not fatigued, cracked or show signs of moisture intrusion.
- Ensure the GFX ground lead is secured correctly, and all screws holding the MCC are tight.
- Check the MCC grounding cable for a tight fit.

If the error occurs often, replace the GFX assembly.

Flowchart: Error 12



Error 13: Upper Display watchdog triggered

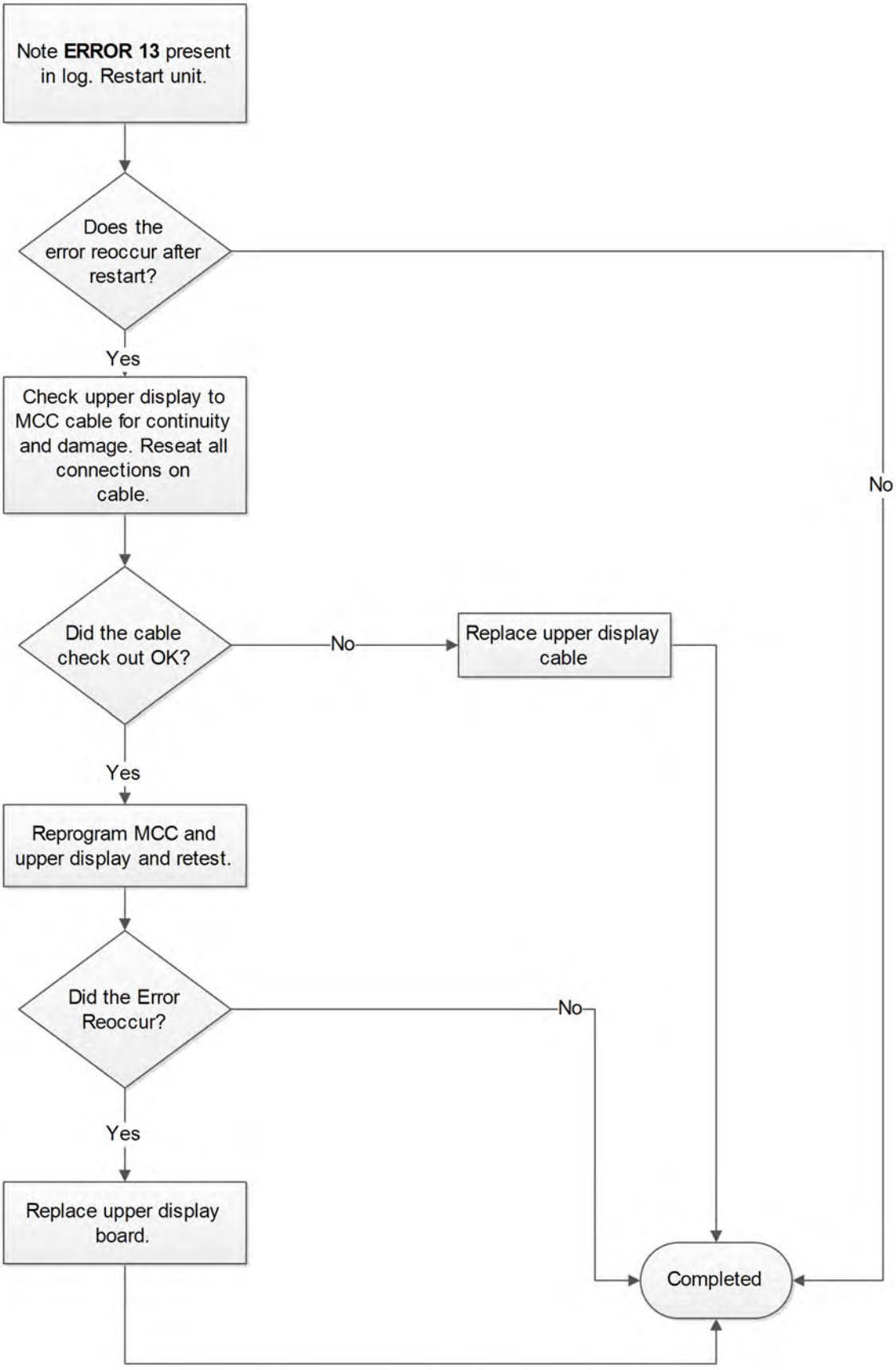
Cause:
A software task has failed, causing a delay in the routine running of the code on the upper display. If the delay is long enough, a hardware timer in the processor will re-boot the processor. When the processor comes up, it will communicate what caused the reset (watchdog vs. normal power reset.) Watchdog resets are logged as Error 13. Power resets are not logged.

Service:
The only theory on what could cause a watchdog to kick on the display is an ESD event, software or hardware failure.

- Check the CHR grips for conductivity and ensure they aren’t shorted to the frame or pinched, and that they don’t lie against or near the back of the GFX board.
- Verify the membranes and decals are not fatigued, cracked or show signs of moisture intrusion.
- Ensure the GFX ground lead is secured correctly, and all screws holding the MCC are tight.
- Check the MCC grounding cable for a tight fit.

If the error occurs often, replace the GFX assembly.

Flowchart: Error 13

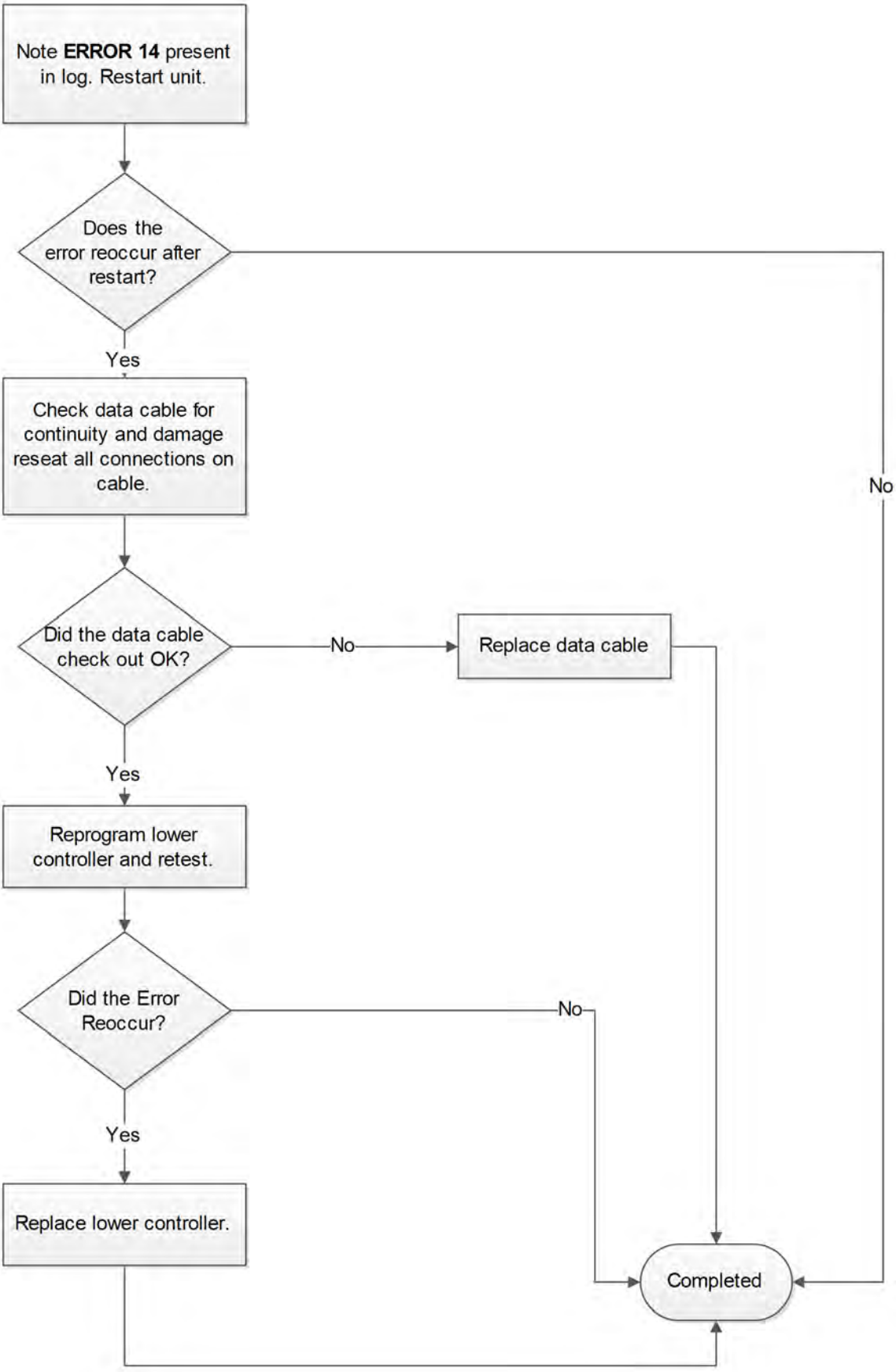


Error 14: Drive Error Unknown

Cause:
The drive provided an error in a packet that was corrupt, or encountered an otherwise unrecognizable error to the console. This is a ‘catch all’ for any errors that are not known or recognized.

Service:
- Check the console cable for tears or shorts, and verify all connections are clicked-in and solid.
- Check for terminal corrosion.
- Ensure all grounds are in place and connected to un-painted and un-corroded surfaces.
- Check drive and display communications with the Cybex test protocol software on a laptop.
- Reprogram or replace the drive and replace the console cable.
- Consider moving the equipment to a different location as it can be receiving interference from something nearby.

Flowchart: Error 14



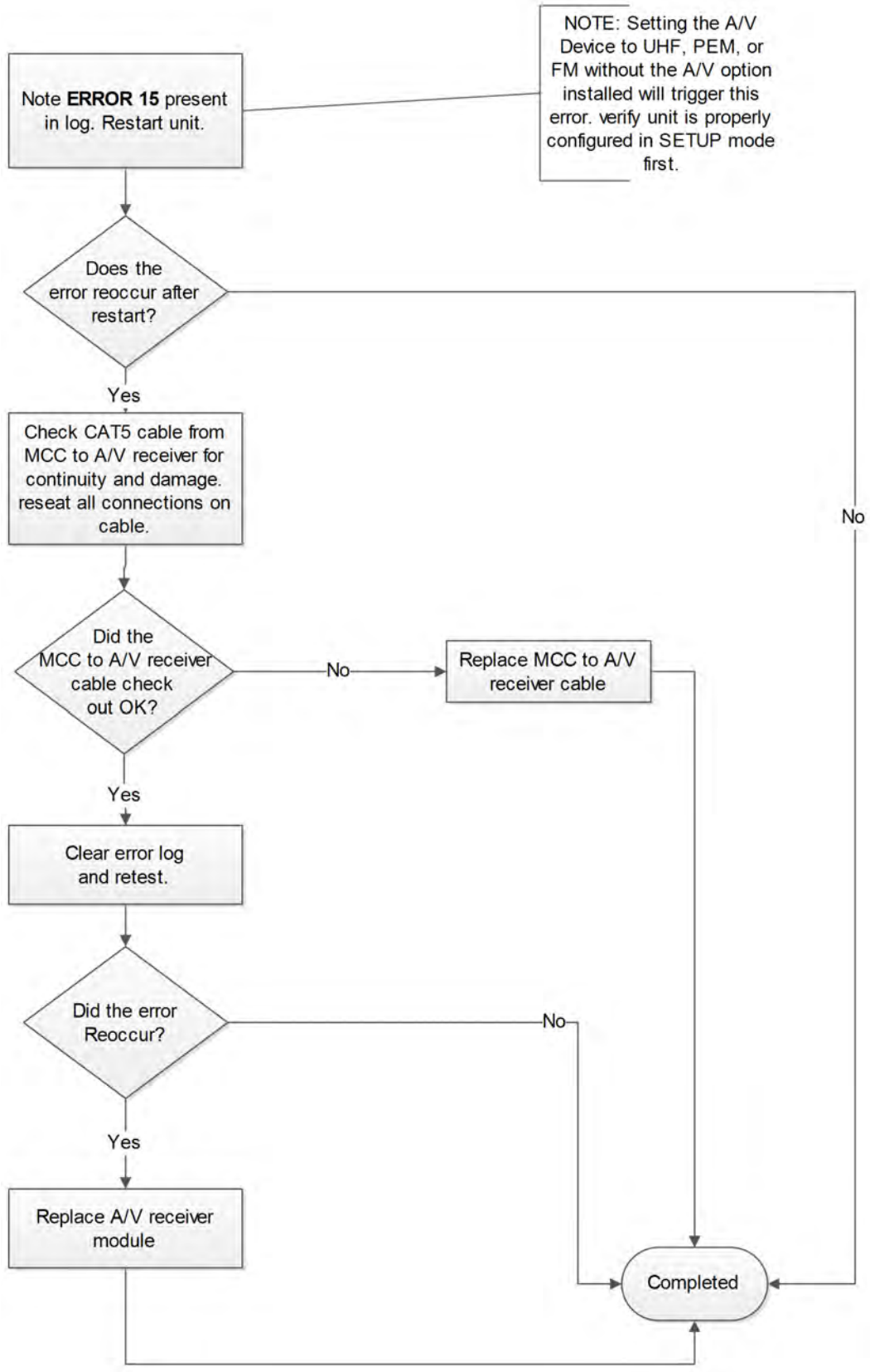
Error 15: Embedded A/V Device Failure

Cause:
A software task has failed, causing a delay in the routine running of the code on the Graphics Board. If the delay is long enough, a hardware timer in the processor will re-boot the processor. When the processor comes up, it will communicate what caused the reset (watchdog vs. normal power reset.) Watchdog resets are logged as Error 12. Power resets are not logged.

Service:
Check the cables and connections required between the MCC and the A/V device. If cabling appears normal:

- For an embedded wireless receiver, replace the receiver and all cabling.
- For an embedded PEM, verifiy the EPEM works with the remote control and/or swap the EPEM with a known working PEM or on to another unit to see where the problem lies.

Flowchart: Error 15

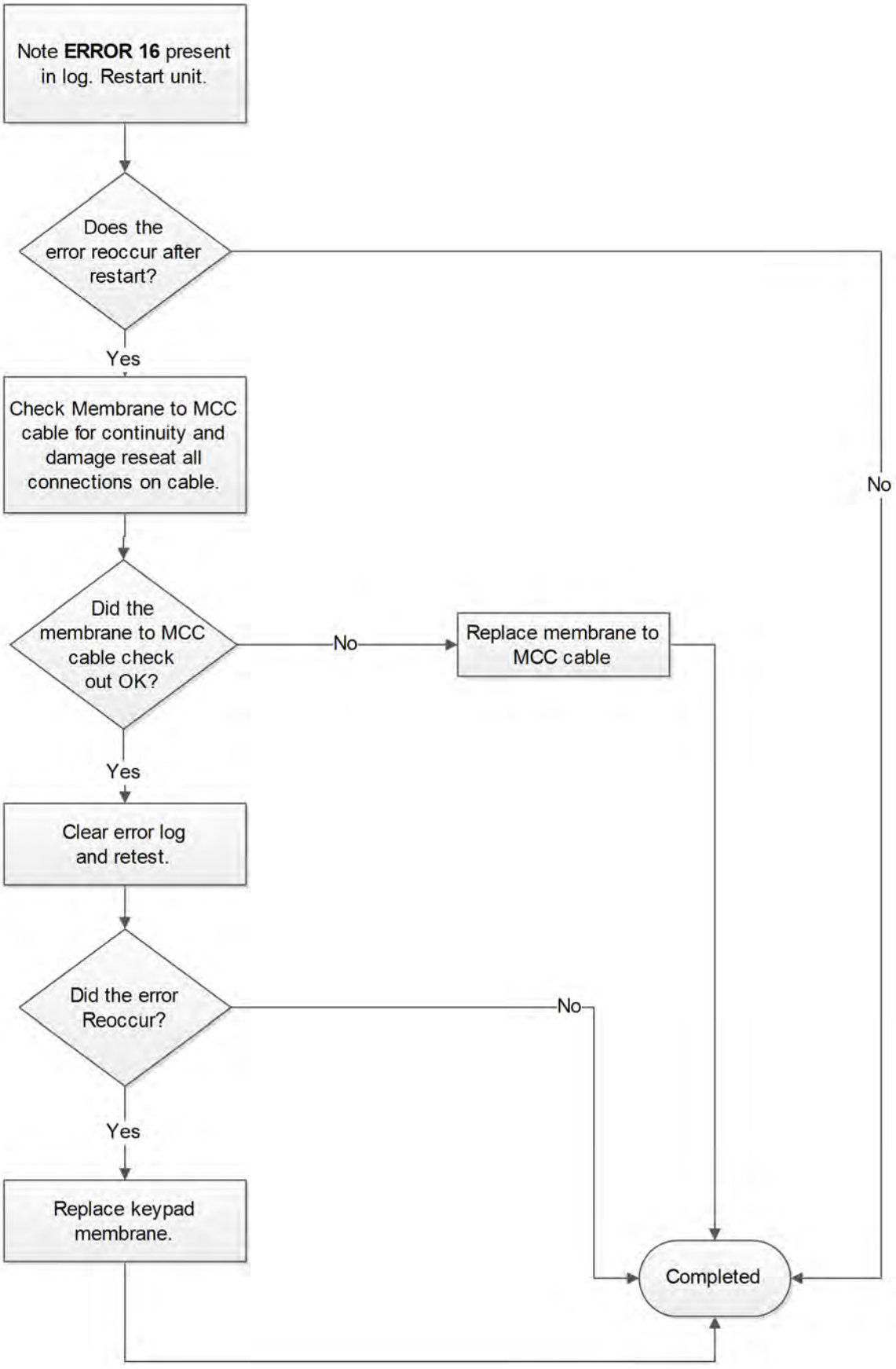


Error 16: Membrane Fault (No Membrane)

Cause:
Membrane is showing a general fault of communications such as registers can’t be set, corrupt responses, or no responses (such as the membrane being unplugged.)

Service:
- Ensure the membrane is plugged in.
- Inspect the membrane cable for cuts, pinches, and all leads are fully inserted in their connectors.
- Replace the membrane and/or the thumb control switches.

Flowchart: Error 16



Error 18: Membrane Fault – Stuck Thumb Control

Cause:
Membrane is showing a thumb control key constantly activated for >45 seconds, regardless of mode.

Service:
If this was a momentary glitch or user error, cycling power will remedy the situation. If a key is permanently stuck, the error will reoccur and the membrane will have to be replaced.

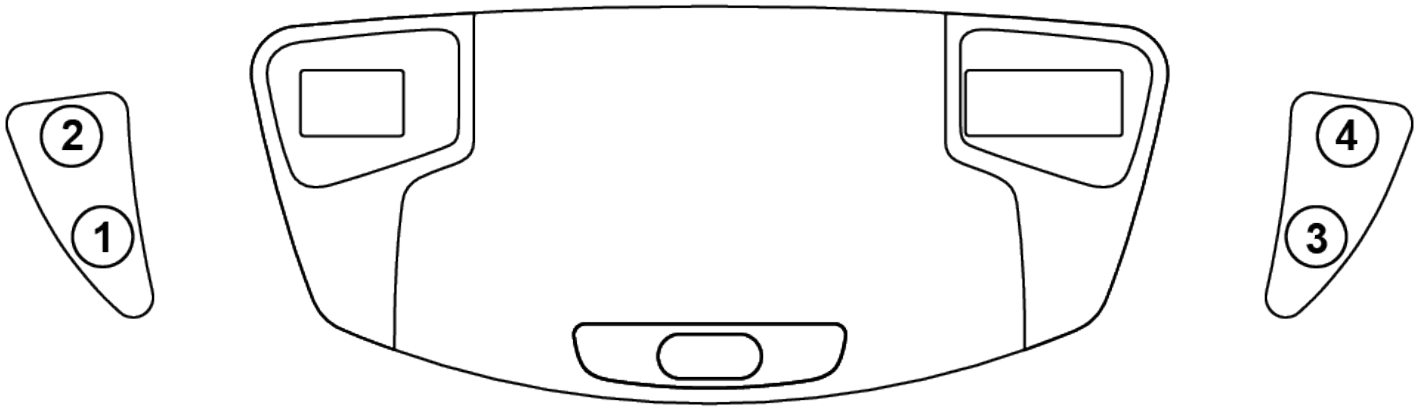
- Check the membrane and thumb controls for signs of fatigue, cracking, or possible moisture intrusion.
- Ensure the membrane connector is fully seated.
- Inspect the membrane cable for cuts, pinches, and all leads are fully inserted in their connectors.
- Replace the membrane and/or the thumb control switches.

Key list

Left and Right controls

Key	Description
1	**Incline Down** or **Resistance Down**
2	**Incline Up** or **Resistance Up**
3	**Speed Down** or **Resistance Down**
4	**Speed Up** or **Resistance Up**

Thumb controls membrane



Error 19: Drive Enable Line is open

Cause:
The Drive is reporting the enable line (used for E-Stop) is open by clearing bit 4 of the status byte, when the MCC is not sensing the key is out.

Service:
Intermittent connection in the console cable is the most likely suspect.

- Inspect each connection in this cable for loose terminals, unseated connectors, or pinched or abraded wires.
- Power outages are also suspect, either at the utility or anywhere from the panel to the treadmill (power cord, treadmill's inlet or power switch, floor/wall outlet, etc.)
- If these are in good shape, monitoring the power over a week's time may prove beneficial.
- If the available power is not the issue, the drive itself or related cabling should be inspected and/or replaced.

Error 92: Over Current (Output)

Cause:
The drive has several overcurrent situations that can cause this:

- >25A Instantly
- >200% Rated for 3 seconds (roughly 16A)
- >150% Rated for 1 minute (roughly 12A)
- >Rated for a thermal integrator, calculated time (variable) – (roughly =>8.1A)

Service:
- Verify line voltage isn't sagging.
- Check the belt/deck for wear.
- Check treadmill for physical obstructions, seized bearings, etc.
- Investigate actual line current with various weight users. Determine user weight, speed and incline when error occurred.
- If the belt is sluggish to start, can be push-started in reverse, or the motor howls, the motor has a phase out and requires replacing the motor.

👉 **NOTE:** If the error codes have been cleared and an error 92 comes back immediately there may be a hard set error 92. Try swapping the drive controller to another unit and verify if the error follows. If this is the case, the drive controller would have to be replaced.

Error 93: Over Voltage (DC Link)

Cause:
Drive's internal boost circuit is reporting >400V DC on the bus.

Service:
- Verify line voltage isn't spiking.
- Check the treadmill's internal AC wiring.
- Verify correct voltage controller is used with regard to power at the outlet.
- Replace the Drive controller if the error continues.

Error 94: Over Heat (Heatsink)

Cause:
Drive is reporting an internal temperature of 105°C

Service:
- Verify the drive's fan is functional, unclogged, and the heat sink vanes are clear of debris.
- Verify controller is secured to the mounting plate tightly.
- Inquire on conditions in which the unit generated the error condition (user weight, speed, incline, etc.)
- Vacuum or blow out accumulated debris in the motor pan and around the drive.

Error 95: Low Voltage (DC Link)

Cause:
Input voltage drops to unacceptable limits:

- <200V for the 230V unit
- <85V for the 115V unit

Service:
Error 95 is caused by a power outage while the belt is moving, either on purpose (running the treadmill to incline it, then shutting it off with the power switch) or by an outside influence (plug was kicked, loose fitting outlet, power outage, circuit breaker tripped, or simply shutting of the power at the breaker).

- Verify the input voltage is correct for the controller used.
- Monitor input voltage for brown-outs and sags.
- Make sure the treadmill is on a dedicated circuit.

More than likely, power was interrupted during use and the treadmill itself has nothing wrong with it.

Error 96: Thermal Integrator of output current

Cause:
The drive has several over-current situations that can cause this:

- >200% Rated for 3 seconds (roughly 16A)
- >150% Rated for 1 minute (roughly 12A)
- >101% Rated for accumulated time (roughly =>8.1A)

Service:
- Check drive's cooling fan and heat sink for clogs.
- Verify line voltage isn't sagging.
- Check the belt/deck for wear.
- Check treadmill for physical obstructions, seized bearings, etc.
- Investigate actual line current with various weight users. Determine user weight, speed and incline when error occurred.

Error 98: Display Communication Lost – Belt speed zero

Cause:
The drive did not see valid communication response from the display for >400ms while the belt is NOT moving.

Service:
- Make sure the Drive Controller software is revision 1.30 (or higher).
- Check the console cable, hub board, and hub board cable for tears or shorts, and verify all connections are clicked-in and solid.
- Check for terminal corrosion.
- Check drive and display communications with the Cybex test protocol software on a laptop.
- Reprogram the console or replace the display board.

Error 99: Display Communication Lost – Belt moving

Cause:
The drive did not see valid communication response from the display for >400ms while the belt was moving.

Service:
- Check the console cable, hub board, and hub board cable for tears or shorts, and verify all connections are clicked-in and solid.
- Check for terminal corrosion.
- Check drive and display communications with the Cybex test protocol software on a laptop.
- Reprogram the console or replace the display board.

Error 103: Input Current OC trip (Drives with PFC only)

Cause:
Drive is measuring a surge in input current.

- 110 VAC: Drive is measuring >80A peak on the input line.
- 220 VAC: Drive is measuring >40A peak on the input line.

Service:
Most likely due to lightning, power surges, brown-outs, poor power grid quality or local generator supply (off grid).

- Check for loose connections:
  - Outlet
  - Power connection at the power cord inlet under the treadmill
  - Power connection at the drive
- Verify the belt/deck/rollers are serviceable and replace if necessary.
- Replace the motor controller

Error 105: Thermal Integrator of Input Current (Drives with PFC only)

Cause:
The drive is measuring the heating effect of high input current.

- 110 VAC: >=23A starts the timer, 43A / 18 seconds based on I ²C
- 220 VAC: >=12.5A starts the timer, 25A / 18 seconds based on I²C

Service:
- Verify line voltage isn’t sagging.
- Check the belt/deck for wear.
- Check treadmill for physical obstructions, seized bearings, etc.
- Investigate actual line current with various weight users. Determine user weight, speed and incline when error occurred.

Error 140: Can not find home position on power-up

Cause:
The Drive Controller did not encounter the incline zero switch within timed limits on power-up. The treadmill will function normally, with the incline disabled. The display will shut down power to the incline motor, and show dashes for incline until the drive has made a satisfactory calibration.

Service:
Note that V1.26 and later drive controller software improve the Error 140 conditions.

- Ensure the 50Hz/60Hz selection in Setup is correct for the line frequency used.
- Check the incline motor for binding, functioning cam/switch, and wiring.
- Verify the switch activates at 0% Grade.
- *Calibrate incline motor*.

Error 141: Can not find home position in normal use

Cause:
Drive expected to find the switch transition within timed limits, or encountered it unexpectedly. The display will shut down power to the elevation motor, and show dashes for incline until the drive has made a satisfactory calibration.

Service:
Note that V1.26 and later drive controller software improve the Error 141 conditions.

- Check the 0% switch setting
- Check gear motor wiring
- Check correct voltages and frequency settings
- Check continuity on the elevation motor by making sure there is 20 Ohms resistance between the following two wires:
  - Red and White
  - Blue and White

Error 142: Out of incline range (over 15% or lower than -3%)

Cause:
The Drive Controller encountered the zero switch when outside of expected limits. The display will shut down power to the elevation motor, and show dashes for incline until the drive has made a satisfactory calibration.

Service:
- Check the 0% switch setting
- Checkgearmotor wiring
- Check correct voltages and frequency settings

Error 150: Out of SpeedRange (over 150hz)

Cause:
Target speed >150Hz. Console is either sending a false speed value, or the value or data transfer is corrupt.

Service:
The display software is suspect. If this occurs, contact *Cybex Customer Service* immediately. The best course of action is to upgrade the display software with the most up to date revision, either by replacing the display board or upgrading the existing board.

Run? or Are you there?
The message Run? (LED console) or Are you there? (E3 View Monitor) appears regularly.

Cause:
A motion sensor is not available on the 525T Treadmill and must be set to disabled.

Service:
See **Line Frequency / IR Sensor** in *Setup options* to disable the motion sensor.

Exit error log

Exit by pressing the **STOP** key to return to Dormant Mode.

Software Update 525T

Software can ONLY be installed on the model it is designed for. Do NOT install this software on other Arc Trainers, Bikes, or Treadmills.

Tools Required
- USB stick (CP-23199)
- Phillips screwdriver

NOTICE

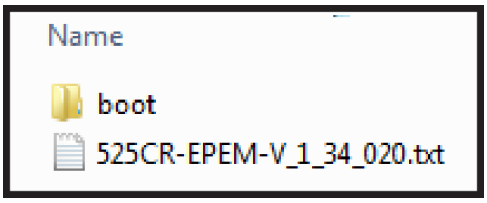
Repairs and Service
- DO NOT load zip files onto USB stick
- Load un-zipped files onto USB stick
- DO NOT remove USB stick during upload procedure
- Power must remain on during upload procedure
- DO NOT press any keys on console during upload procedure

Prepare USB stick

1. Plug USB stick into PC.
2. Delete any files on USB stick.
   Verify USB stick is blank.
3. Go to the *LF World* service product pages for the latest software files or contact Cybex Customer Service at 508-533-4300 to receive via email.

4. Unzip file to a folder on PC.
   Zip file contains the following files:
   - Folder labeled “boot”
   - Empty text file with model name of product

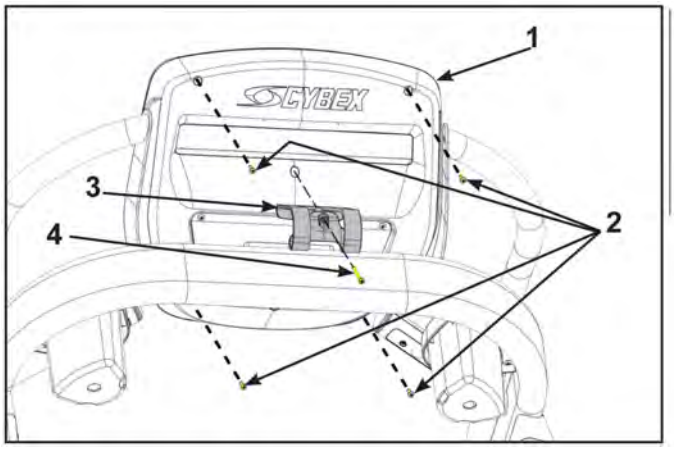
   Example of folder contents



5. Copy the “boot” folder and other file to USB stick.
   DO NOT copy zip file to USB stick.

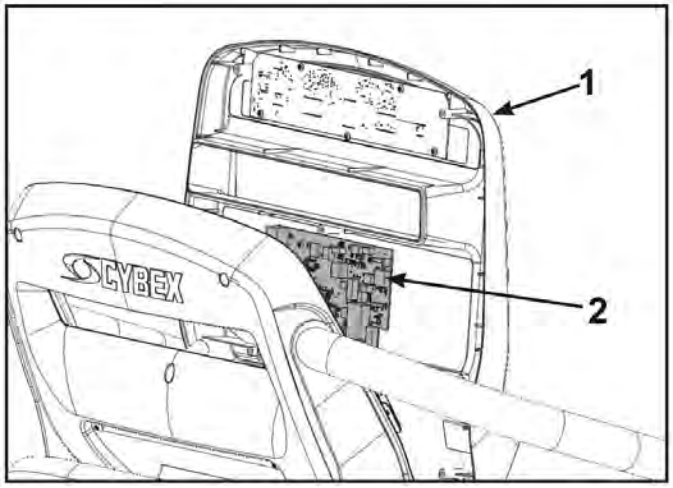
Install software through internal USB port

1. Toggle on/off (I/O) power switch to the off (O) position. The on/off (I/O) power switch is located under front end of unit, or on front right side panel.
2. Access internal USB port.
3. Remove the four short screws and one long screw securing the front cover and iPad clip to the console assembly using a Phillips screwdriver.



Item	Description	Qty.
1	Console assembly	1
2	Short screw	4
3	iPad clip	1
4	Long screw	1

4. Tilt console assembly forward and insert USB stick into the internal USB port of the MCC board. Do NOT insert USB stick into optional E3 View Monitor.



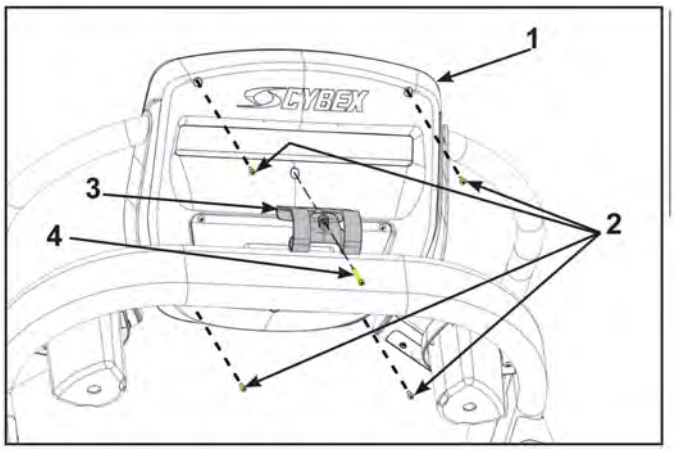
Item	Description	Qty.
1	Console assembly	1
2	MCC board	1

5. Toggle power switch on (I).

NOTICE Console damage may occur. Do NOT turn power off, press any keys, or remove USB stick during this procedure.

The software will load into console. This procedure will take approximately 3 minutes. During this time there will be beeping noises from the console. When upload is complete, the display will show [re][bot].

6. Toggle power switch off (0).
7. Remove USB stick from internal USB port.
8. Install the four short screws and one long screw securing the front cover and iPad clip to the console assembly using a Phillips screwdriver.



Item	Description	Qty.
1	Console assembly	1
2	Short screw	4
3	iPad clip	1
4	Long screw	1

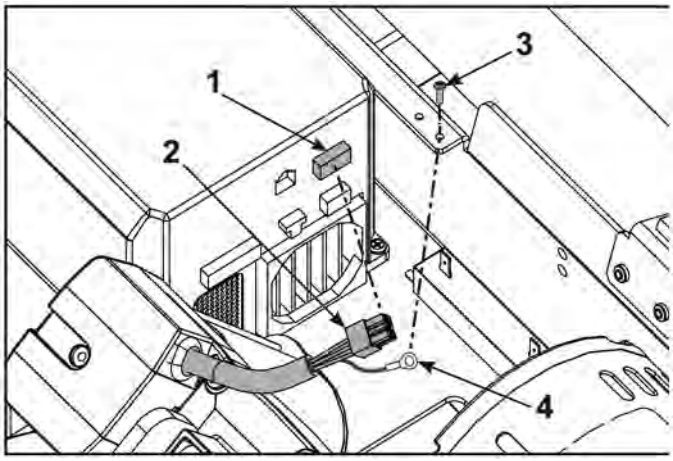
Complete update

1. Verify the power cord is not being pinched under the front of the treadmill.
2. Toggle power switch on (I).
3. Operate unit at all levels to verify proper operation.

Calibration

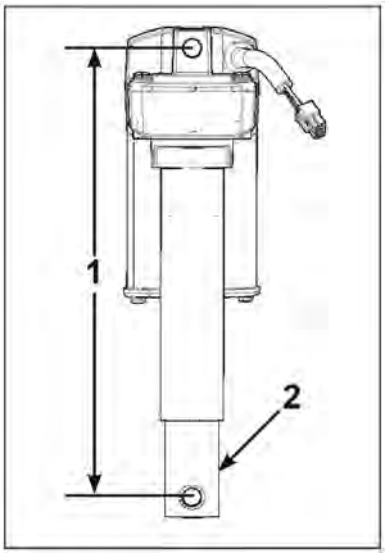
Calibrate Incline motor 525T

1. Plug the incline motor cable into the motor controller connector.



Item	Description	Qty.
1	Motor Controller Connector	1
2	Incline Motor Cable	1
3	Ground Wire Screw	1
4	Ground Wire	1

2. Install the ground wire screw securing the ground wire using a Phillips screwdriver.
3. Connect the main power cord into the power outlet.
4. Turn the main power switch to the on (I) position.
   The incline motor will now rotate to find the zero percent position.
5. Wait for the incline motor to stop turning.
6. Turn the tube nut with your fingers until it measures the correct center to center length. This length is measured from the center of the top hole to the center of the bottom hole.



Item	Description	Qty.
1	Center to center length	11.75” (29.8 cm)
2	Tube Nut	1

7. Unplug the power cord from the power outlet.

Parts Replacement

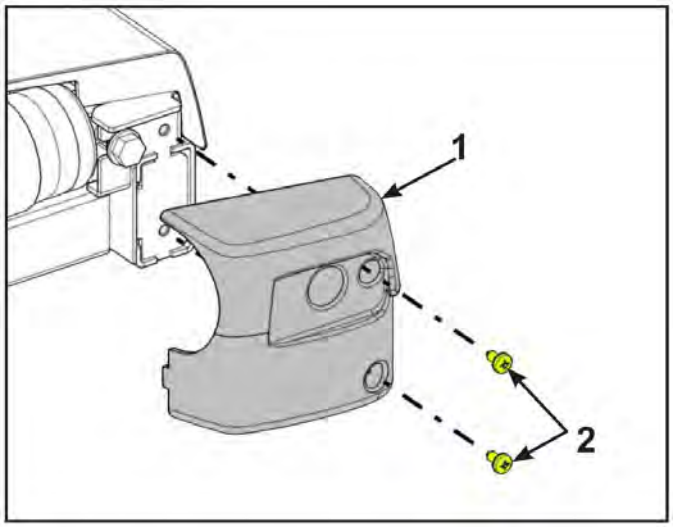
Base Assembly

End Caps

Tools Required:
- Phillips screwdriver
- Torque screwdriver

Remove end caps

1. Remove two screws securing right end cap using a Phillips screwdriver.

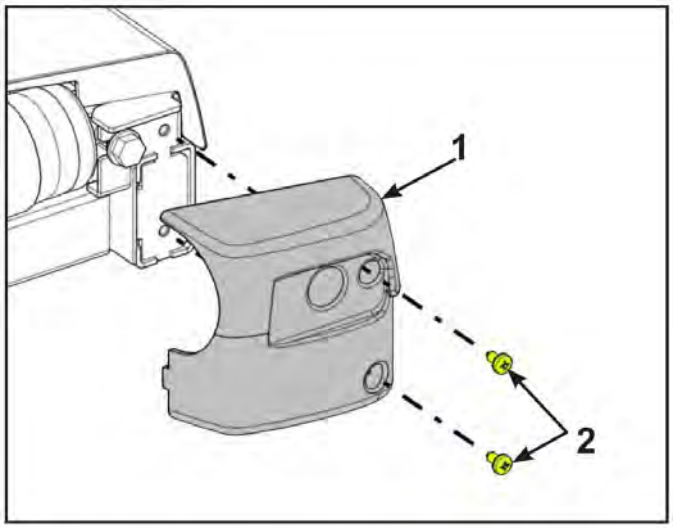


Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.

Install end caps

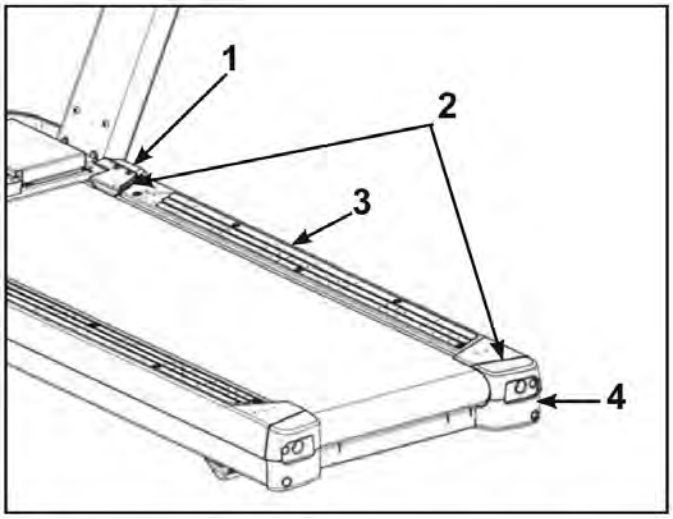
1. Install the two screws securing the right end cap using a Phillips screwdriver.



Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.

3. Align the top step to be centered between the hood cover support and end cap. The gaps should be equal.



Item	Description	Qty.
1	Motor cover support	1
2	Gaps	1
3	Top step	1
4	End cap	1

NOTICE Do not use power toolsThe deck holes will strip out if over tightened.

4. Tighten the five screws to 28 in-lbs (3.16 Nm) using a torque screwdriver.
5. Install the five screw covers to the top step.
6. Repeat steps for the left top step.

Complete Installation
Operate the unit at all levels to verify proper operation.

Top Steps

Tools Required:
- Phillips screwdriver
- Flat head screwdriver

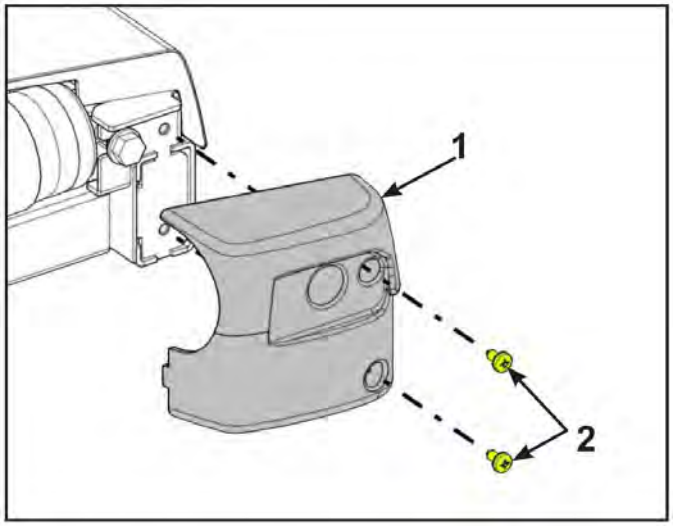
Disconnect power source

1. Toggle the on/off (I/O) power switch to the off (O) position. The on/off (I/O) power switch is located under the front end of the unit, or on the front right side panel.
2. Unplug the treadmill from the power outlet.

⚠WARNING Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Remove end caps

1. Remove two screws securing right end cap using a Phillips screwdriver.

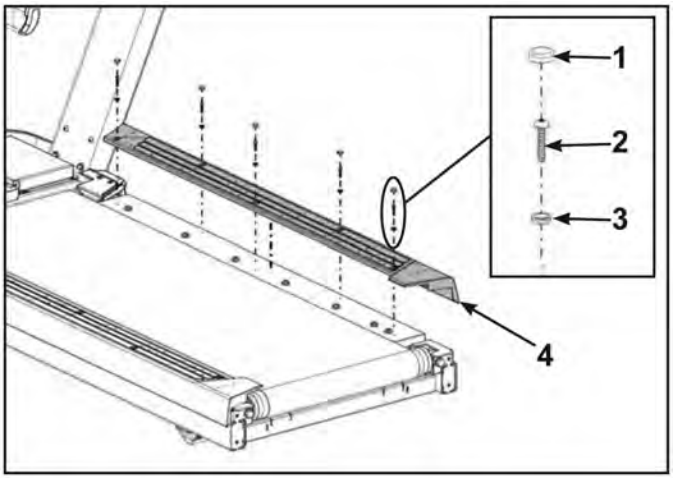


Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.

Remove top steps

1. Remove the five screw covers from the right top step using a flat head screwdriver.

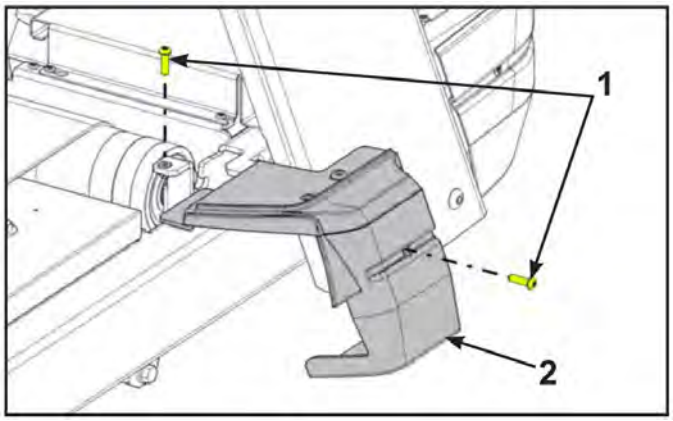


Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Remove the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
3. Repeat steps for the left top step.

Remove motor cover supports

1. Remove the two screws securing the right motor cover support using a Phillips screwdriver.

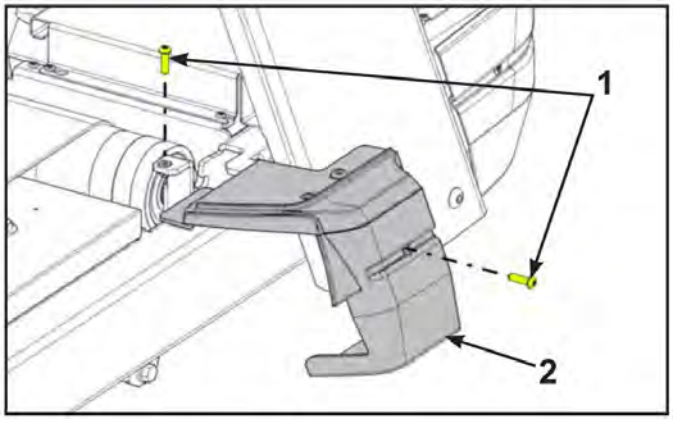


Item	Description	Qty.
1	Screws	2
2	Motor cover support	1

2. Repeat step for the left motor cover support.

Install motor cover supports

1. Install the two screws securing the right motor cover support using a Phillips screwdriver.

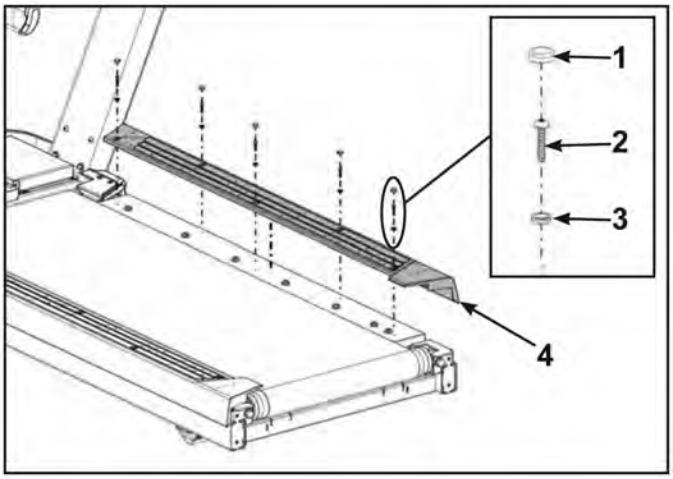


Item	Description	Qty.
1	Screws	2
2	Motor cover support	1

2. Repeat step for the left motor cover support.

Install top steps

1. Install the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
   Do not tighten screws at this time.

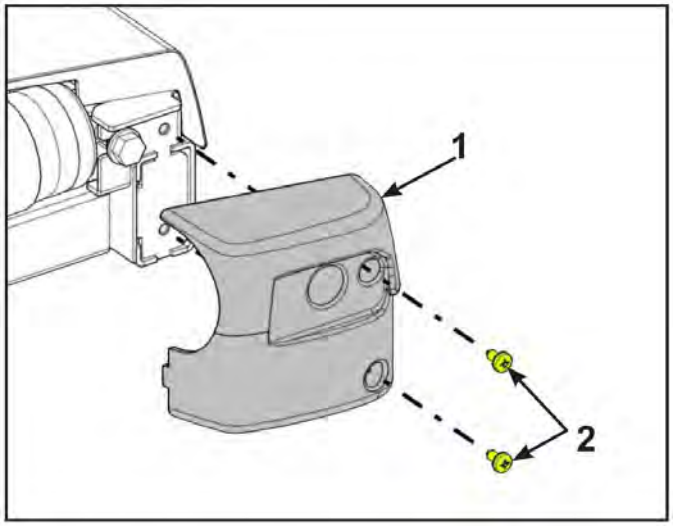


Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Install the five screws and five screw cover bases securing the left top step using a Phillips screwdriver.

Install end caps

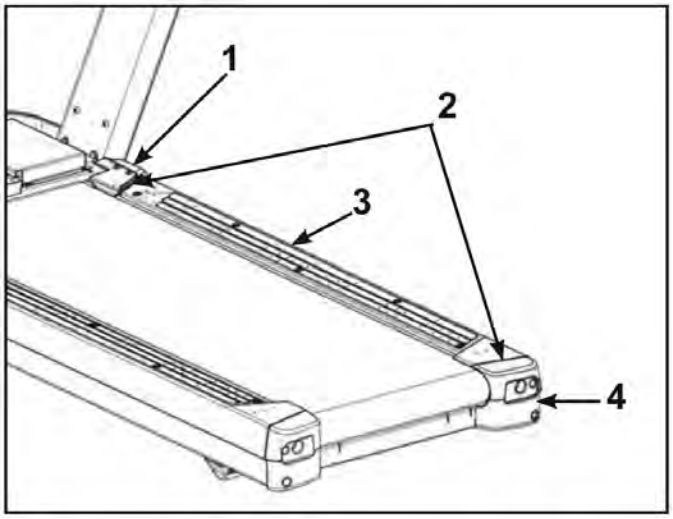
1. Install the two screws securing the right end cap using a Phillips screwdriver.



Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.

3. Align the top step to be centered between the hood cover support and end cap. The gaps should be equal.



Item	Description	Qty.
1	Motor cover support	1
2	Gaps	1
3	Top step	1
4	End cap	1

NOTICE Do not use power toolsThe deck holes will strip out if over tightened.

4. Tighten the five screws to 28 in-lbs (3.16 Nm) using a torque screwdriver.
5. Install the five screw covers to the top step.
6. Repeat steps for the left top step.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

Rear Roller

Tools Required:
- Phillips screwdriver
- Long 3/8” drive socket extension
- 3/4” Socket wrench
- 9/16” Socket wrench

Disconnect power source

1. Toggle the on/off (I/O) power switch to the off (O) position. The on/off (I/O) power switch is located under the front end of the unit, or on the front right side panel.

2. Unplug the treadmill from the power outlet.

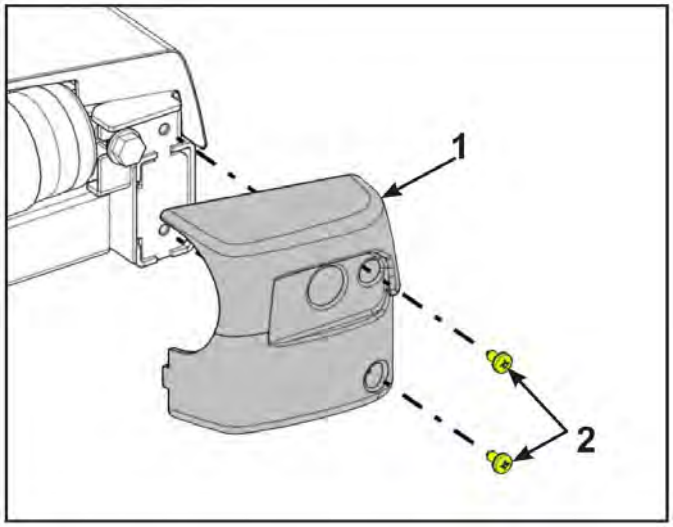
⚠WARNING

Shock and electrocution hazard.

- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Remove end caps

1. Remove two screws securing right end cap using a Phillips screwdriver.

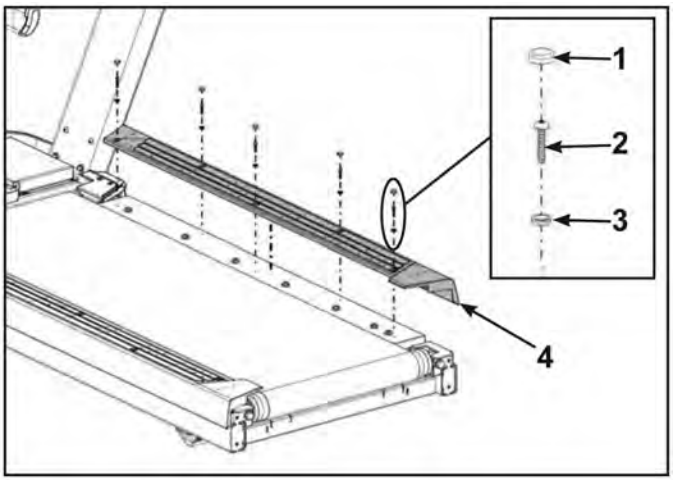


Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.

Remove top steps

1. Remove the five screw covers from the right top step using a flat head screwdriver.

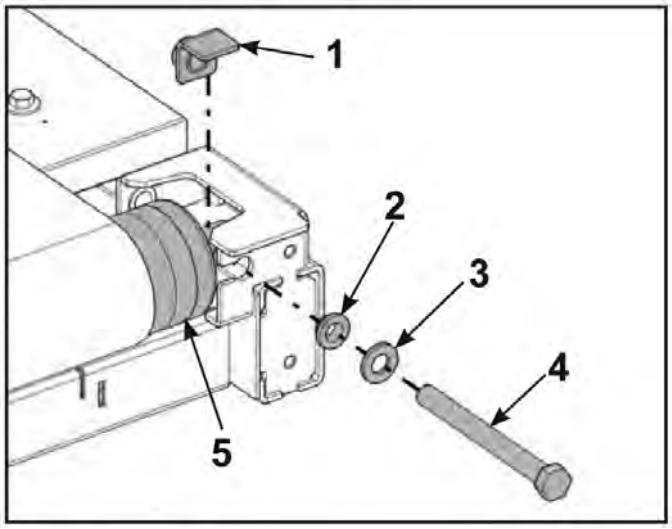


Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Remove the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
3. Repeat steps for the left top step.

Remove rear roller

1. Remove the two rear roller bolts, washers, bushings and rear roller nuts (one roller bolt on each side) using a 3/4” Socket wrench.
   Loosen each bolt evenly, making sure not to loosen either bolt too many turns before moving to the other bolt.

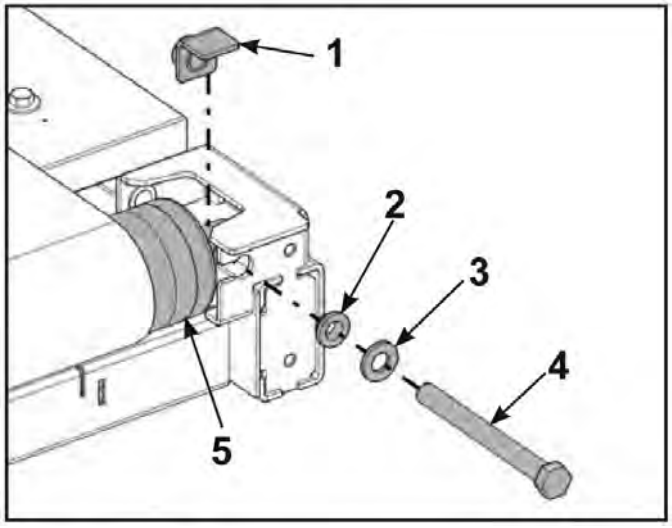


Item	Description	Qty.
1	Rear roller nut	1
2	Bushing	1
3	Washer	1
4	Bolt	1
5	Rear roller	1

2. Lift one side of the rear roller and slide the roller out of the running belt.

Install rear roller

1. Slide the rear roller into the running belt.
2. Install the bolt, washer, bushing and rear roller nut for each side of the roller into position.

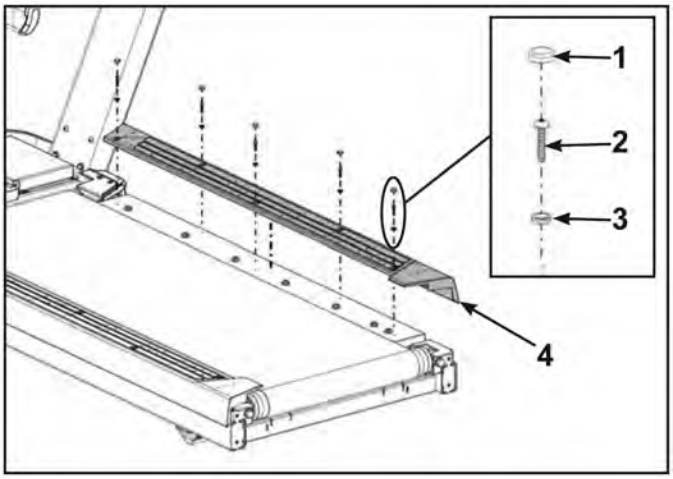


Item	Description	Qty.
1	Rear roller nut	1
2	Bushing	1
3	Washer	1
4	Bolt	1
5	Rear roller	1

3. Tighten the two rear roller bolts using a 3/4” Socket wrench.
   Tighten each bolt evenly, making sure not to tighten either bolt too many turns before moving to the other bolt.
4. Continue to tighten bolts until the front roller is all the way back in the tensioning slots.
5. Tighten the front roller bolts using a 9/16” Socket wrench.
6. Tighten the rear roller bolts to 100 in-lbs (11.3 Nm) using a torque wrench.

Install top steps

1. Install the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
   Do not tighten screws at this time.

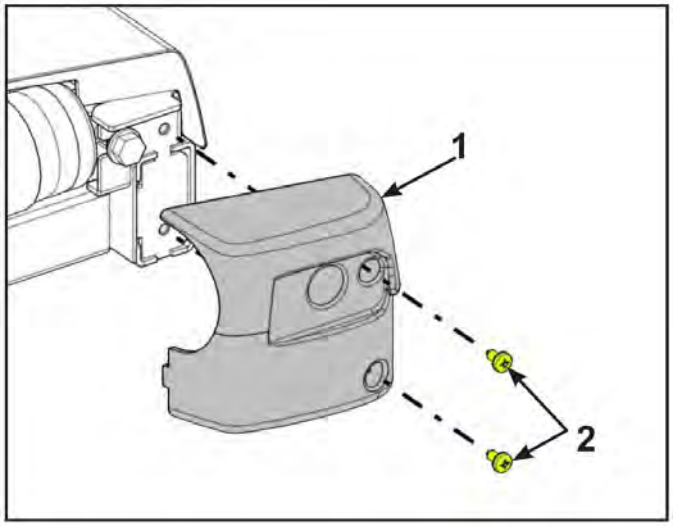


Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Install the five screws and five screw cover bases securing the left top step using a Phillips screwdriver.

Install end caps

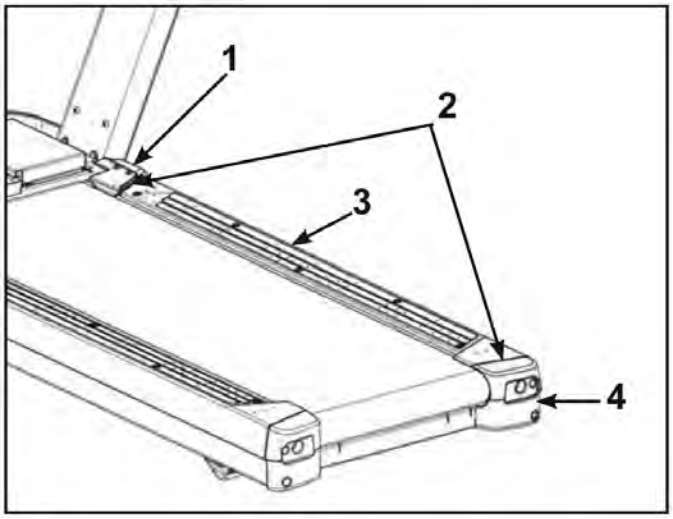
1. Install the two screws securing the right end cap using a Phillips screwdriver.



Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.

3. Align the top step to be centered between the hood cover support and end cap. The gaps should be equal.



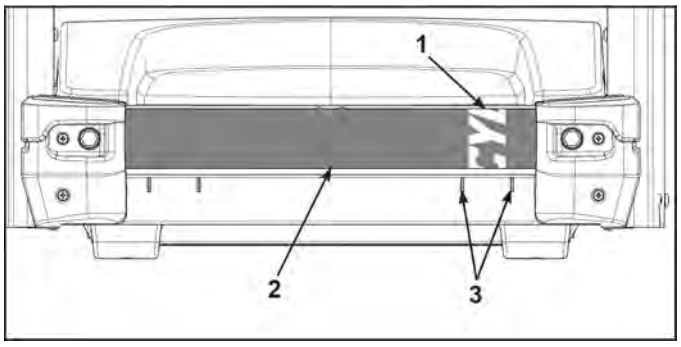
Item	Description	Qty.
1	Motor cover support	1
2	Gaps	1
3	Top step	1
4	End cap	1

NOTICE Do not use power toolsThe deck holes will strip out if over tightened.

4. Tighten the five screws to 28 in-lbs (3.16 Nm) using a torque screwdriver.
5. Install the five screw covers to the top step.
6. Repeat steps for the left top step.

Center and tension the running belt

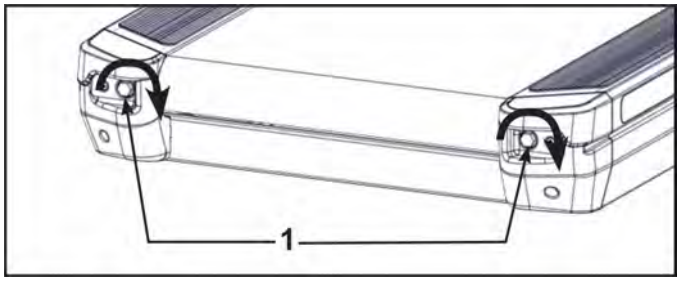
1. Plug the power cord into the power outlet.
2. Turn the main power switch to the on (I) position.
3. Tap the **Quick Start** icon.
4. Press the **Speed +** key to bring the speed up to 5 mph (8 kph). Allow the treadmill to run for a minute. The lateral position of the running belt is correctly centered when the Cybex logo is centered between the inside edges of the two belt tracking slots. If the Cybex logo is not centered between the belt tracking slots, center the running belt with the following procedure.
5. Observe the Cybex logo position relative to the belt tracking slots with the treadmill running at 5 mph (8 kph).



Item	Description	Qty.
1	Cybex logo	1
2	Running belt	1
3	Belt tracking slot	4

While centering the running belt choose one bolt to adjust. Do not adjust both bolts.

6. Tighten the rear roller bolt on the side of the treadmill toward which the running belt is moving using a 3/4" socket wrench.
   For example: If the running belt moves to the right of the belt tracking slots, tighten the bolt on the right side of the frame, tighten about 1/2 of a turn (clockwise) and wait 30 seconds. If the running belt does not move back to the center of the belt tracking slots, make another adjustment to the same bolt. Once the running belt has been adjusted closer to the center of the belt tracking slots, use about 1/4 of a turn until the running belt has been stabilized.



Item	Description	Qty.
1	Rear roller bolt	2

7. Check the belt tension after the running belt has been centered.
   Make sure the running belt tension is tight enough so that the running belt does not slip or hesitate when stepped on. Walk on the treadmill at 3.5 - 4 mph (5.6 - 6.4 kph) and every 4th to 5th step throw your weight into your step to feel if the running belt is slipping. If slipping is felt, confirm it is the running belt slipping and not the drive belt. With the hood cover removed, observe movement at the drive belt and front roller.
   Do not over tighten the running belt. Over tightening the running belt can cause the belt to stretch and require replacement. Continue procedure until running belt stops slipping.

8. Check running belt for centering position.
   If running belt is not centered, perform steps 5 and 6.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

Front Roller

Tools Required:
- Phillips screwdriver
- Flat head screwdriver
- 3/4” Socket wrench
- 9/16” Socket wrench
- Torque wrench

Disconnect power source

1. Toggle the on/off (I/O) power switch to the off (O) position. The on/off (I/O) power switch is located under the front end of the unit, or on the front right side panel.

2. Unplug the treadmill from the power outlet.

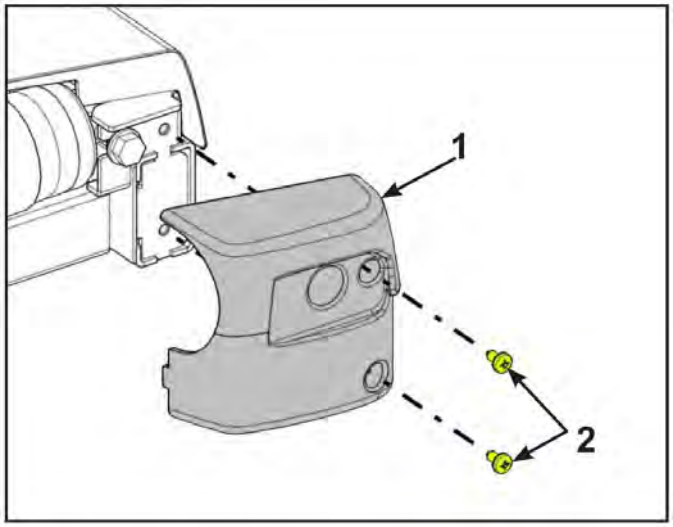
⚠WARNING

Shock and electrocution hazard.

- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Remove end caps

1. Remove two screws securing right end cap using a Phillips screwdriver.

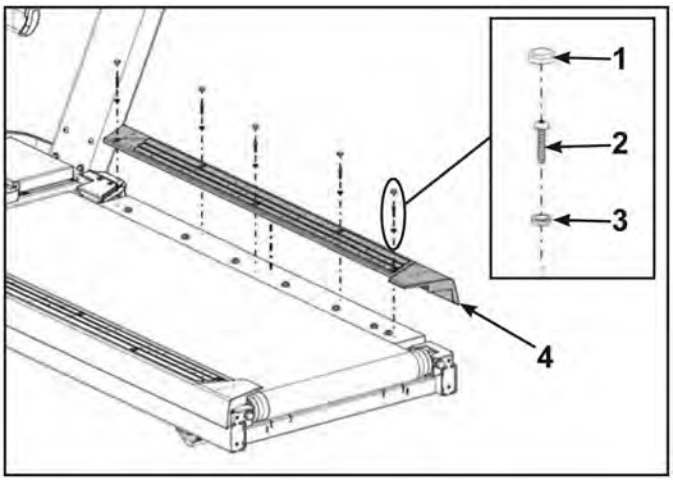


Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.

Remove top steps

1. Remove the five screw covers from the right top step using a flat head screwdriver.

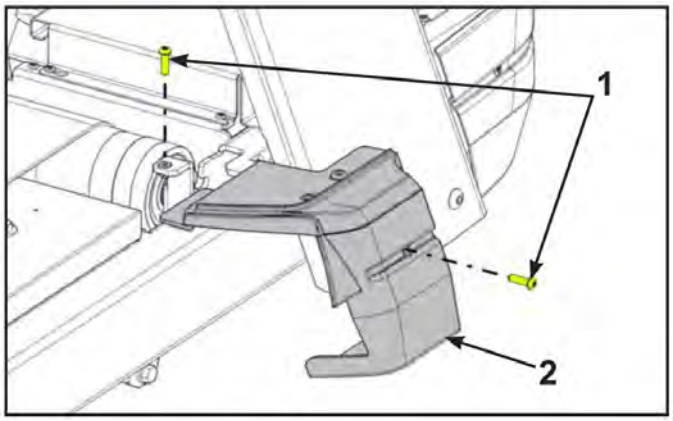


Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Remove the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
3. Repeat steps for the left top step.

Remove motor cover supports

1. Remove the two screws securing the right motor cover support using a Phillips screwdriver.

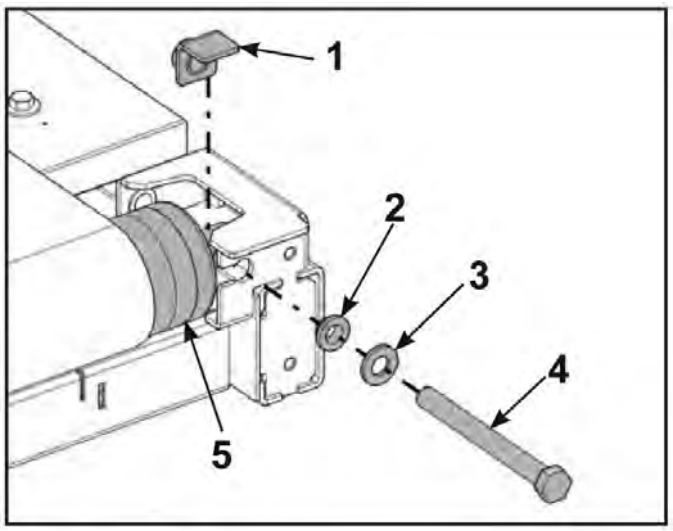


Item	Description	Qty.
1	Screws	2
2	Motor cover support	1

2. Repeat step for the left motor cover support.

Remove rear roller

1. Remove the two rear roller bolts, washers, bushings and rear roller nuts (one roller bolt on each side) using a 3/4” Socket wrench.
   Loosen each bolt evenly, making sure not to loosen either bolt too many turns before moving to the other bolt.



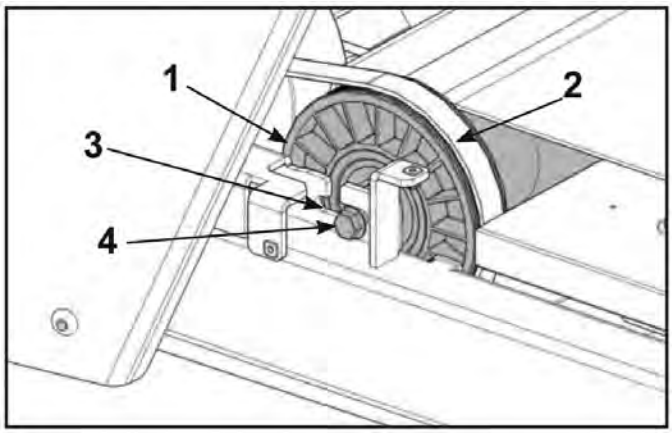
Item	Description	Qty.
1	Rear roller nut	1
2	Bushing	1
3	Washer	1
4	Bolt	1
5	Rear roller	1

2. Lift one side of the rear roller and slide the roller out of the running belt.

Remove front roller

1. **WARNING** Moving parts hazard. To avoid serious injury slowly release tension to parts.

   Loosen the left mounting bolt using a 9/16” Socket wrench.

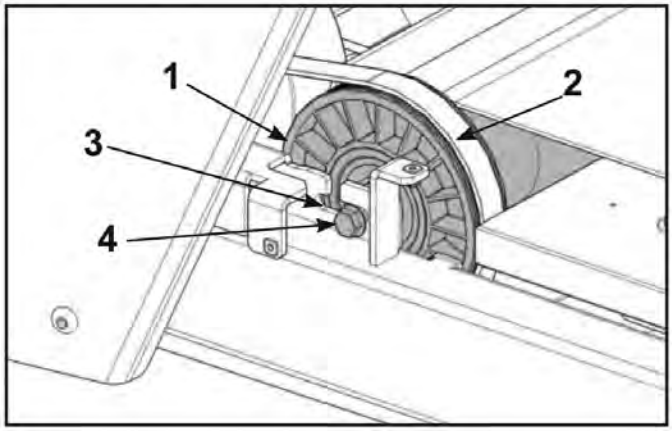


Item	Description	Qty.
1	Front roller	1
2	Drive belt	1
3	Tensioning slot	1
4	Mounting bolt	1

2. Loosen the right mounting bolt using a 9/16” Socket wrench.
3. Remove the front roller and slide the drive belt off of the front roller.

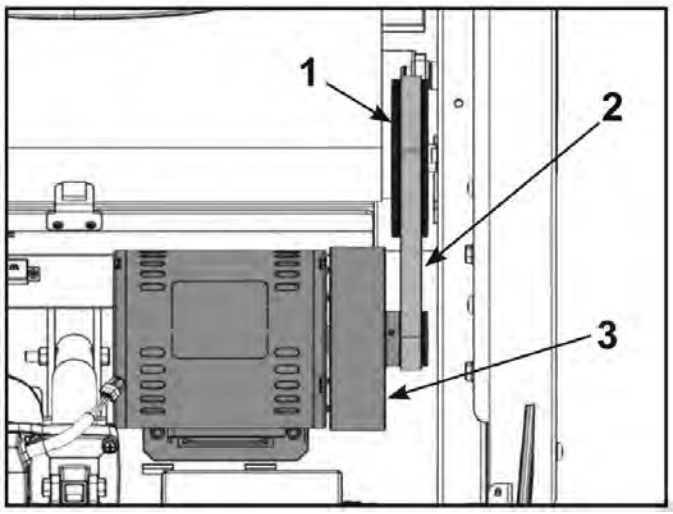
Install front roller

1. Slide the front roller into the running belt.
2. Slide the drive belt around the front roller before attaching the front roller.



Item	Description	Qty.
1	Front roller	1
2	Drive belt	1
3	Tensioning slot	1
4	Mounting bolt	1

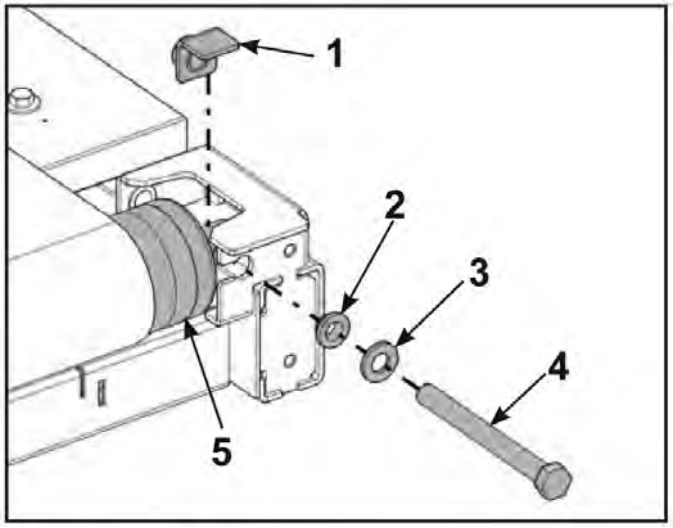
3. Install the two roller bolts that fasten the front roller to the frame.
   Do not tighten the bolts at this time.
   Ensure that the drive belt is aligned properly in the grooves on the drive motor pulley and front roller pulley. The drive belt should be positioned in the inner most groove of the drive motor pulley.



Item	Description	Qty.
1	Front Roller Pulley	1
2	Drive Belt	1
3	Drive Motor Pulley	1

Install rear roller

1. Slide the rear roller into the running belt.
2. Install the bolt, washer, bushing and rear roller nut for each side of the roller into position.

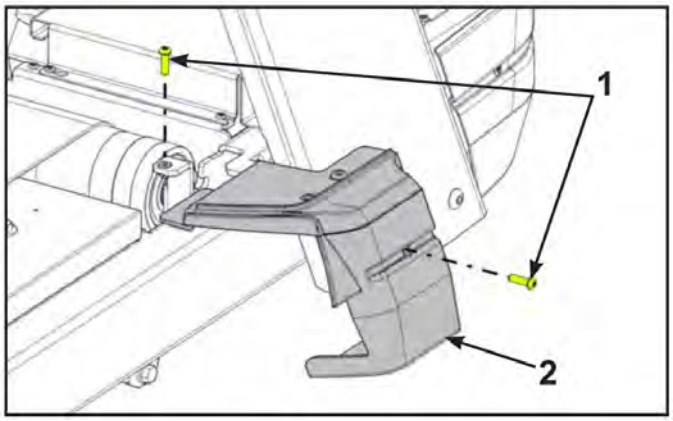


Item	Description	Qty.
1	Rear roller nut	1
2	Bushing	1
3	Washer	1
4	Bolt	1
5	Rear roller	1

3. Tighten the two rear roller bolts using a 3/4” Socket wrench.
   Tighten each bolt evenly, making sure not to tighten either bolt too many turns before moving to the other bolt.
4. Continue to tighten bolts until the front roller is all the way back in the tensioning slots.
5. Tighten the front roller bolts using a 9/16” Socket wrench.
6. Tighten the rear roller bolts to 100 in-lbs (11.3 Nm) using a torque wrench.

Install motor cover supports

1. Install the two screws securing the right motor cover support using a Phillips screwdriver.

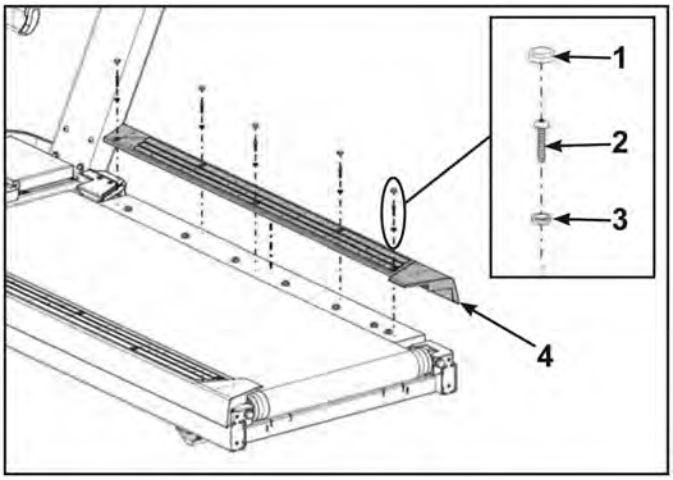


Item	Description	Qty.
1	Screws	2
2	Motor cover support	1

2. Repeat step for the left motor cover support.

Install top steps

1. Install the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
   Do not tighten screws at this time.

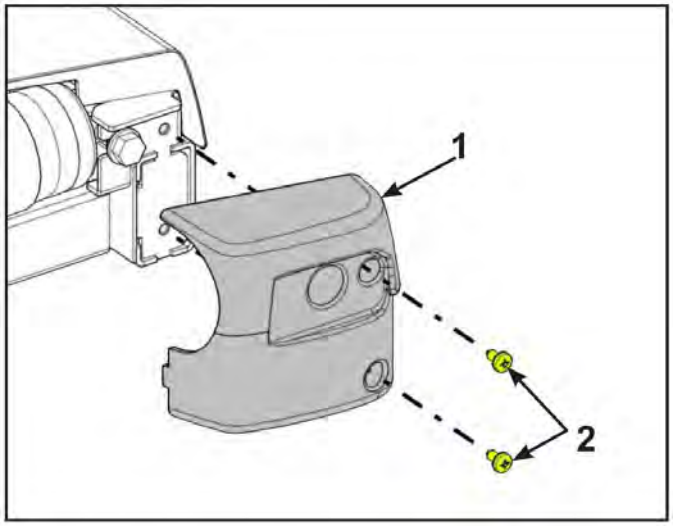


Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Install the five screws and five screw cover bases securing the left top step using a Phillips screwdriver.

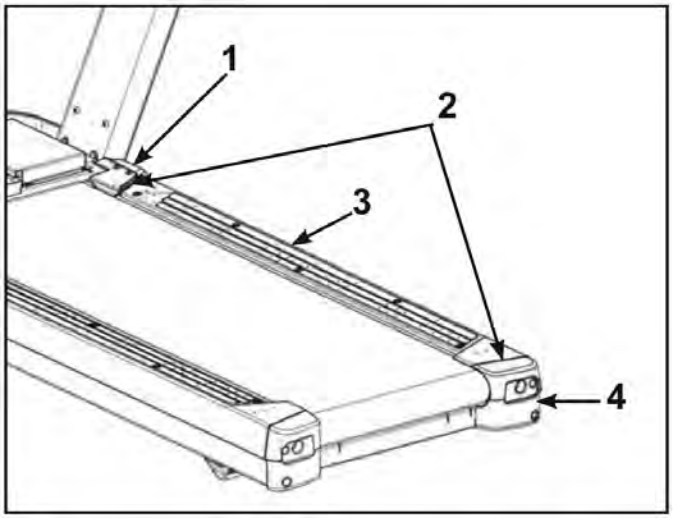
Install end caps

1. Install the two screws securing the right end cap using a Phillips screwdriver.



Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.
3. Align the top step to be centered between the hood cover support and end cap. The gaps should be equal.



Item	Description	Qty.
1	Motor cover support	1
2	Gaps	1
3	Top step	1
4	End cap	1

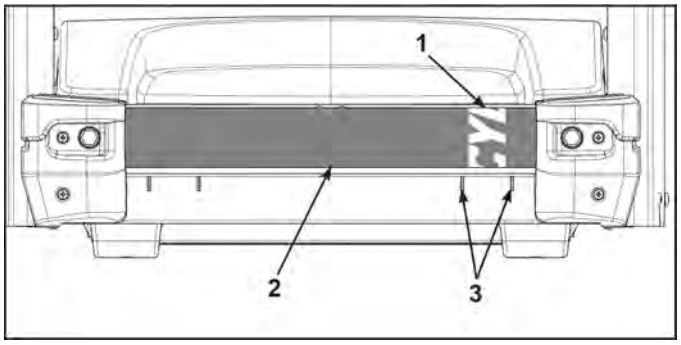
NOTICE Do not use power toolsThe deck holes will strip out if over tightened.

4. Tighten the five screws to 28 in-lbs (3.16 Nm) using a torque screwdriver.
5. Install the five screw covers to the top step.
6. Repeat steps for the left top step.

Center and tension the running belt

1. Plug the power cord into the power outlet.
2. Turn the main power switch to the on (I) position.
3. Tap the **Quick Start** icon.

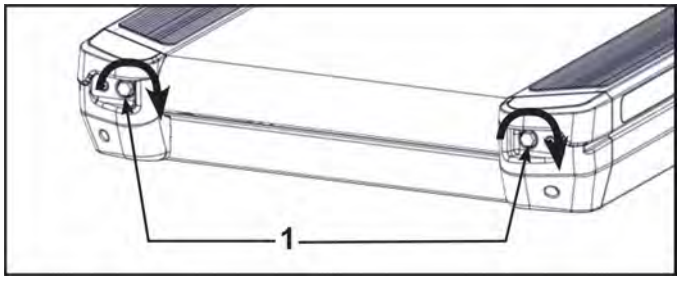
4. Press the **Speed +** key to bring the speed up to 5 mph (8 kph). Allow the treadmill to run for a minute. The lateral position of the running belt is correctly centered when the Cybex logo is centered between the inside edges of the two belt tracking slots. If the Cybex logo is not centered between the belt tracking slots, center the running belt with the following procedure.
5. Observe the Cybex logo position relative to the belt tracking slots with the treadmill running at 5 mph (8 kph).



Item	Description	Qty.
1	Cybex logo	1
2	Running belt	1
3	Belt tracking slot	4

While centering the running belt choose one bolt to adjust. Do not adjust both bolts.

6. Tighten the rear roller bolt on the side of the treadmill toward which the running belt is moving using a 3/4" socket wrench.
For example: If the running belt moves to the right of the belt tracking slots, tighten the bolt on the right side of the frame, tighten about 1/2 of a turn (clockwise) and wait 30 seconds. If the running belt does not move back to the center of the belt tracking slots, make another adjustment to the same bolt. Once the running belt has been adjusted closer to the center of the belt tracking slots, use about 1/4 of a turn until the running belt has been stabilized.



Item	Description	Qty.
1	Rear roller bolt	2

7. Check the belt tension after the running belt has been centered.
Make sure the running belt tension is tight enough so that the running belt does not slip or hesitate when stepped on. Walk on the treadmill at 3.5 - 4 mph (5.6 - 6.4 kph) and every 4th to 5th step throw your weight into your step to feel if the running belt is slipping. If slipping is felt, confirm it is the running belt slipping and not the drive belt. With the hood cover removed, observe movement at the drive belt and front roller.
Do not over tighten the running belt. Over tightening the running belt can cause the belt to stretch and require replacement. Continue procedure until running belt stops slipping.

8. Check running belt for centering position.
If running belt is not centered, perform steps 5 and 6.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

Running Deck

Tools Required:
- Phillips screwdriver
- Flat head screwdriver
- 5/32” Allen wrench
- 1/2” Socket wrench
- 9/16” Socket wrench
- 3/4” Socket wrench

Disconnect power source

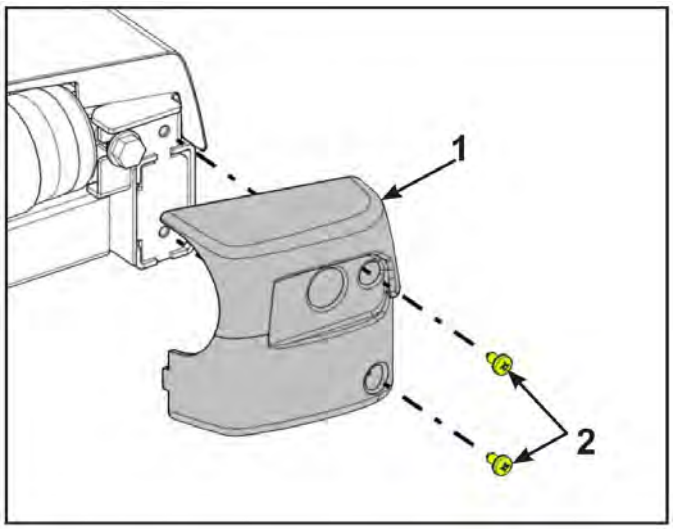
1. Toggle the on/off (I/O) power switch to the off (O) position. The on/off (I/O) power switch is located under the front end of the unit, or on the front right side panel.
2. Unplug the treadmill from the power outlet.

⚠WARNING

Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Remove end caps

1. Remove two screws securing right end cap using a Phillips screwdriver.

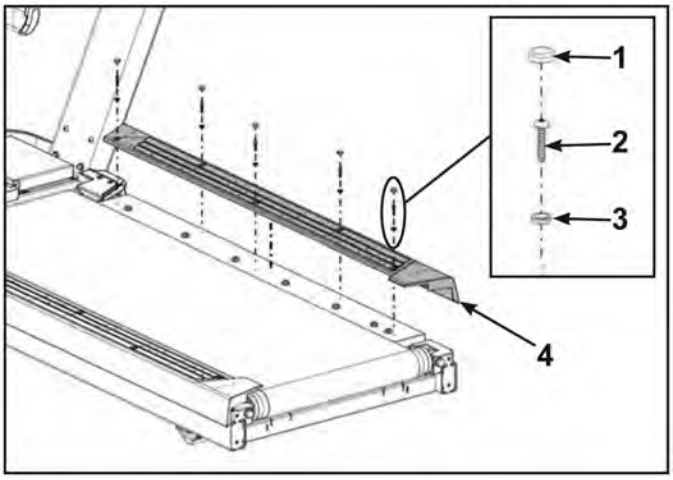


Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.

Remove top steps

1. Remove the five screw covers from the right top step using a flat head screwdriver.

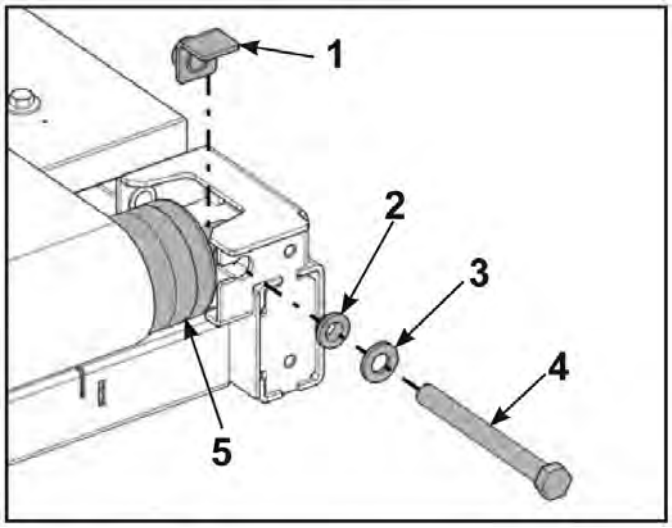


Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Remove the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
3. Repeat steps for the left top step.

Remove rear roller

1. Remove the two rear roller bolts, washers, bushings and rear roller nuts (one roller bolt on each side) using a 3/4” Socket wrench.
   Loosen each bolt evenly, making sure not to loosen either bolt too many turns before moving to the other bolt.



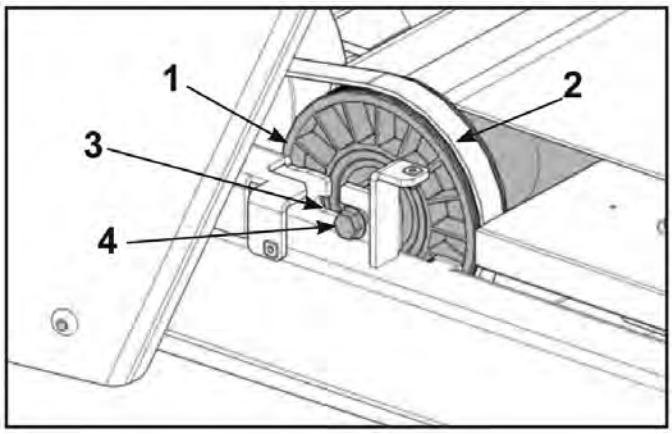
Item	Description	Qty.
1	Rear roller nut	1
2	Bushing	1
3	Washer	1
4	Bolt	1
5	Rear roller	1

2. Lift one side of the rear roller and slide the roller out of the running belt.

Remove front roller

1. **WARNING** Moving parts hazard. To avoid serious injury slowly release tension to parts.

   Loosen the left mounting bolt using a 9/16” Socket wrench.

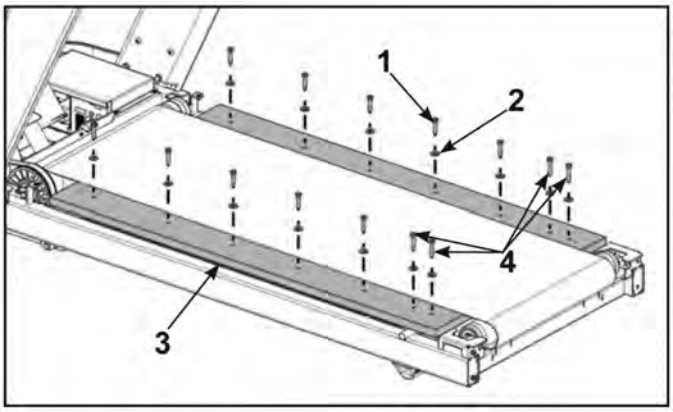


Item	Description	Qty.
1	Front roller	1
2	Drive belt	1
3	Tensioning slot	1
4	Mounting bolt	1

2. Loosen the right mounting bolt using a 9/16” Socket wrench.
3. Remove the front roller and slide the drive belt off of the front roller.

Remove running deck

1. Remove the fourteen bolts and fourteen flat washers that hold the deck in place using a 1/2” Socket wrench.
   The four rear pivot bolts are longer. The nuts may fall out of the deck pivots.



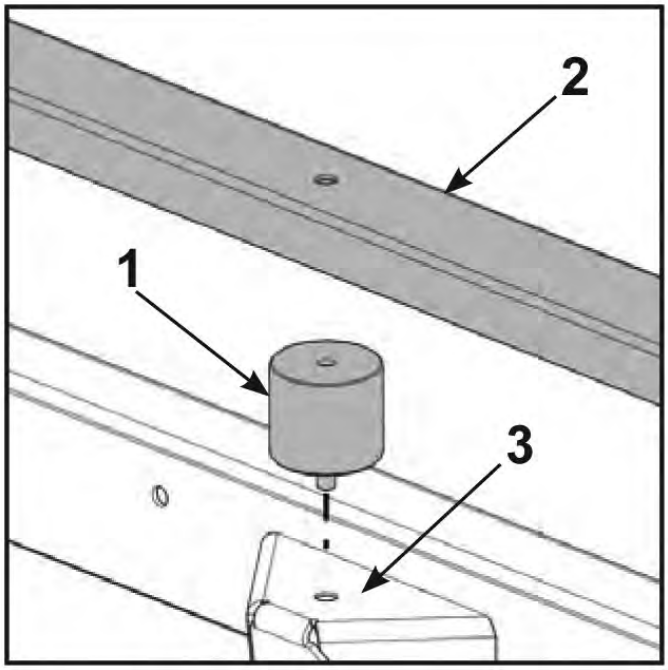
Item	Description	Qty.
1	Bolt, deck, 5/16-18 x 1.5”	10
2	Flat washer	14
3	Deck	1
4	Bolt, pivot, 5/16-18 x 1.75”	4

2. Slide the deck out of the frame.
   The deck has two wear sides and can be flipped. If both sides are worn, replace deck.

Inspect deck bumpers

Inspect the deck bumpers for cracks or wear.

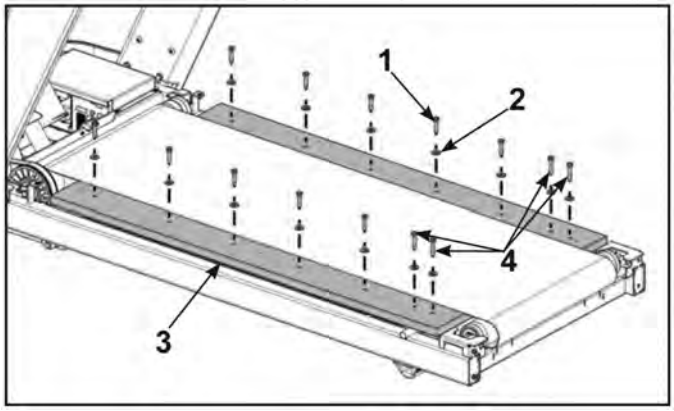
NOTICE Replace the deck bumpers if the rubber is cracked or worn.



Item	Description	Qty.
1	Deck bumper	1
2	Deck stiffener	1
3	Frame	1

Install running deck

1. Slide the deck into position on the frame.
2. Install the two pivot bolts and two flat washers that secure the deck to the left deck pivot using a 1/2” Socket wrench.
   The deck pivots need to be fully seated onto the pivot shaft.



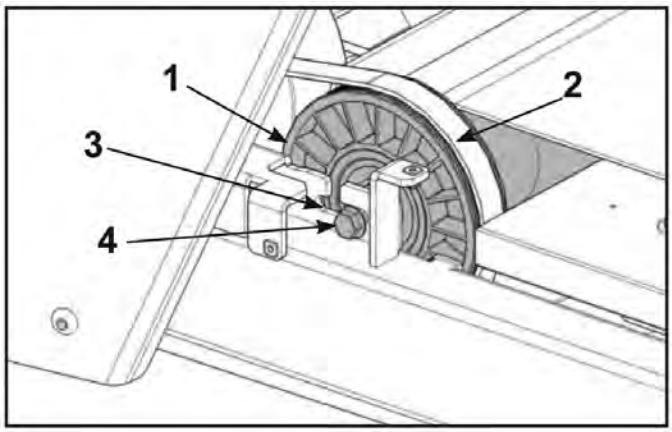
Item	Description	Qty.
1	Bolt, deck, 5/16-18 x 1.5”	10
2	Flat washer	14
3	Deck	1
4	Bolt, pivot, 5/16-18 x 1.75”	4

3. Repeat step for the right deck pivot.
4. Install the ten deck bolts and ten flat washers that secure the deck to the deck stiffener using a 1/2” Socket wrench.
   Tighten to 80 in-lbs (9 Nm) using a torque wrench.

Install front roller

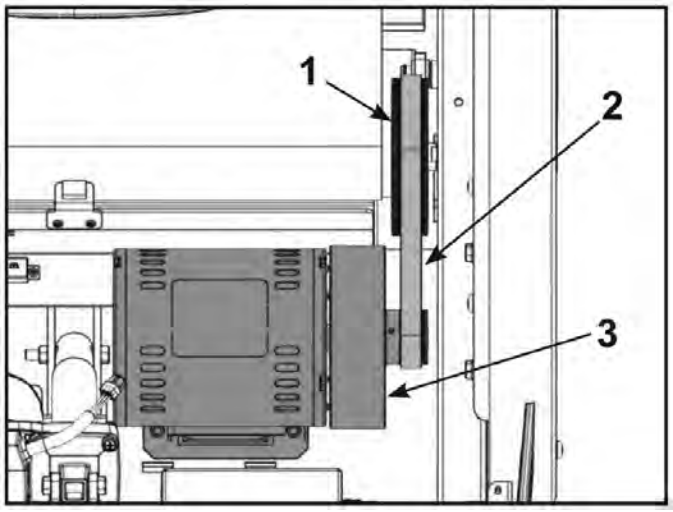
1. Slide the front roller into the running belt.

2. Slide the drive belt around the front roller before attaching the front roller.



Item	Description	Qty.
1	Front roller	1
2	Drive belt	1
3	Tensioning slot	1
4	Mounting bolt	1

3. Install the two roller bolts that fasten the front roller to the frame.
   Do not tighten the bolts at this time.
   Ensure that the drive belt is aligned properly in the grooves on the drive motor pulley and front roller pulley. The drive belt should be positioned in the inner most groove of the drive motor pulley.

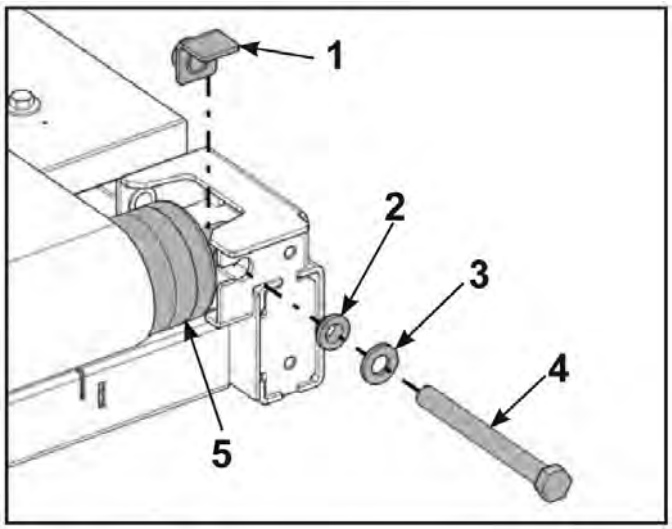


Item	Description	Qty.
1	Front Roller Pulley	1
2	Drive Belt	1
3	Drive Motor Pulley	1

Install rear roller

1. Slide the rear roller into the running belt.

2. Install the bolt, washer, bushing and rear roller nut for each side of the roller into position.

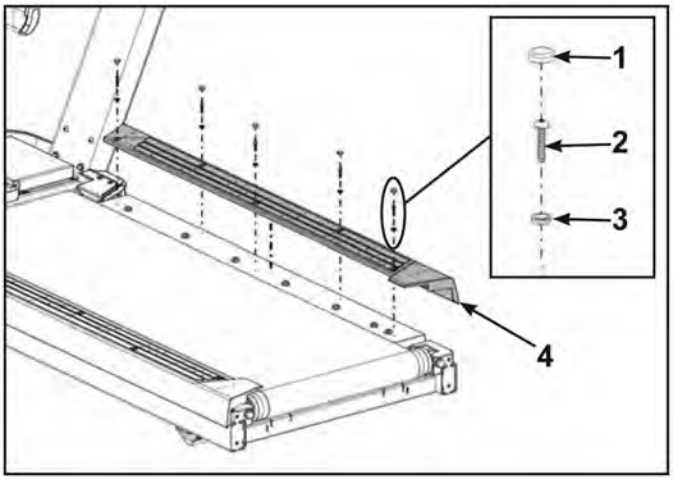


Item	Description	Qty.
1	Rear roller nut	1
2	Bushing	1
3	Washer	1
4	Bolt	1
5	Rear roller	1

3. Tighten the two rear roller bolts using a 3/4” Socket wrench.
   Tighten each bolt evenly, making sure not to tighten either bolt too many turns before moving to the other bolt.
4. Continue to tighten bolts until the front roller is all the way back in the tensioning slots.
5. Tighten the front roller bolts using a 9/16” Socket wrench.
6. Tighten the rear roller bolts to 100 in-lbs (11.3 Nm) using a torque wrench.

Install top steps

1. Install the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
   Do not tighten screws at this time.

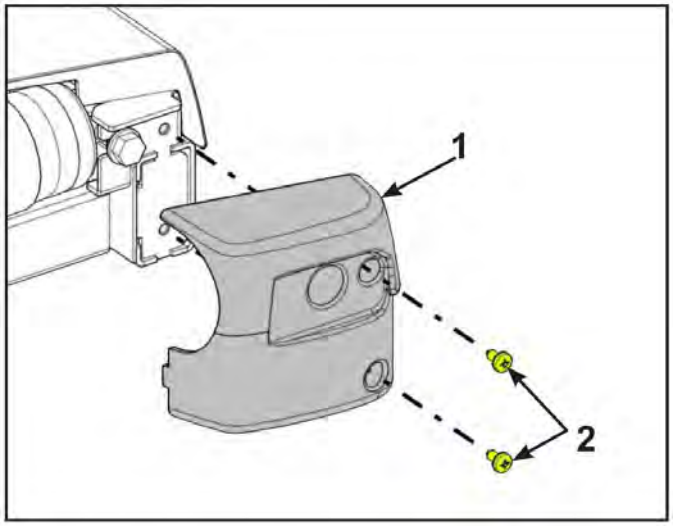


Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Install the five screws and five screw cover bases securing the left top step using a Phillips screwdriver.

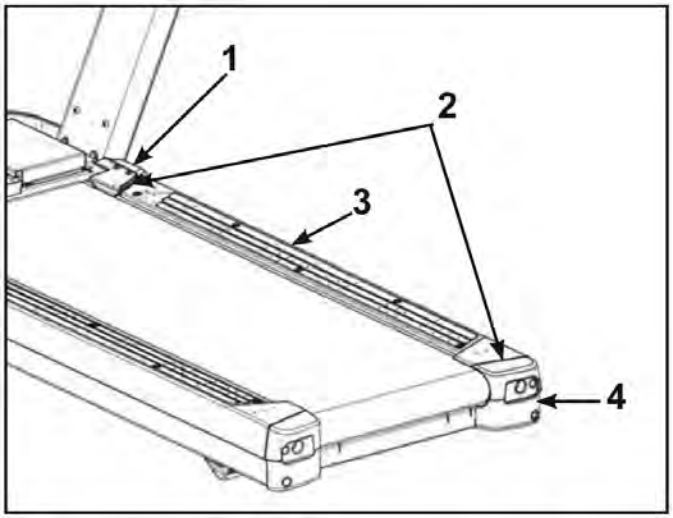
Install end caps

1. Install the two screws securing the right end cap using a Phillips screwdriver.



Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.
3. Align the top step to be centered between the hood cover support and end cap. The gaps should be equal.



Item	Description	Qty.
1	Motor cover support	1
2	Gaps	1
3	Top step	1
4	End cap	1

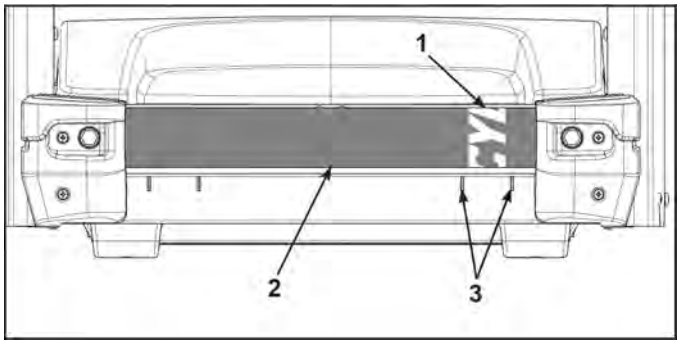
NOTICE Do not use power toolsThe deck holes will strip out if over tightened.

4. Tighten the five screws to 28 in-lbs (3.16 Nm) using a torque screwdriver.
5. Install the five screw covers to the top step.
6. Repeat steps for the left top step.

Center and tension the running belt

1. Plug the power cord into the power outlet.
2. Turn the main power switch to the on (I) position.
3. Tap the **Quick Start** icon.

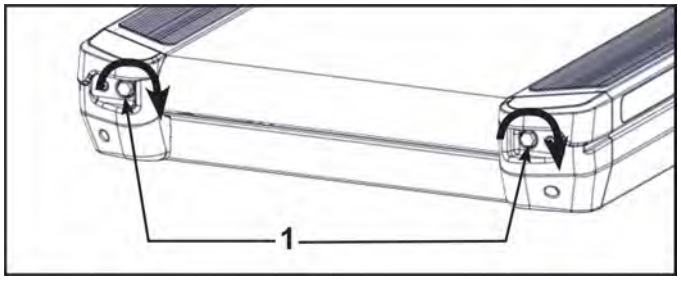
4. Press the **Speed +** key to bring the speed up to 5 mph (8 kph). Allow the treadmill to run for a minute. The lateral position of the running belt is correctly centered when the Cybex logo is centered between the inside edges of the two belt tracking slots. If the Cybex logo is not centered between the belt tracking slots, center the running belt with the following procedure.
5. Observe the Cybex logo position relative to the belt tracking slots with the treadmill running at 5 mph (8 kph).



Item	Description	Qty.
1	Cybex logo	1
2	Running belt	1
3	Belt tracking slot	4

While centering the running belt choose one bolt to adjust. Do not adjust both bolts.

6. Tighten the rear roller bolt on the side of the treadmill toward which the running belt is moving using a 3/4" socket wrench.
For example: If the running belt moves to the right of the belt tracking slots, tighten the bolt on the right side of the frame, tighten about 1/2 of a turn (clockwise) and wait 30 seconds. If the running belt does not move back to the center of the belt tracking slots, make another adjustment to the same bolt. Once the running belt has been adjusted closer to the center of the belt tracking slots, use about 1/4 of a turn until the running belt has been stabilized.



Item	Description	Qty.
1	Rear roller bolt	2

7. Check the belt tension after the running belt has been centered.
Make sure the running belt tension is tight enough so that the running belt does not slip or hesitate when stepped on. Walk on the treadmill at 3.5 - 4 mph (5.6 - 6.4 kph) and every 4th to 5th step throw your weight into your step to feel if the running belt is slipping. If slipping is felt, confirm it is the running belt slipping and not the drive belt. With the hood cover removed, observe movement at the drive belt and front roller.
Do not over tighten the running belt. Over tightening the running belt can cause the belt to stretch and require replacement. Continue procedure until running belt stops slipping.

8. Check running belt for centering position.
If running belt is not centered, perform steps 5 and 6.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

Deck Pivot and Deck Bumpers

Tools Required:
- Phillips screwdriver
- Flat head screwdriver
- 5/32” Allen wrench
- 1/2” Socket wrench
- 9/16” Socket wrench
- 3/4” Socket wrench

Disconnect power source

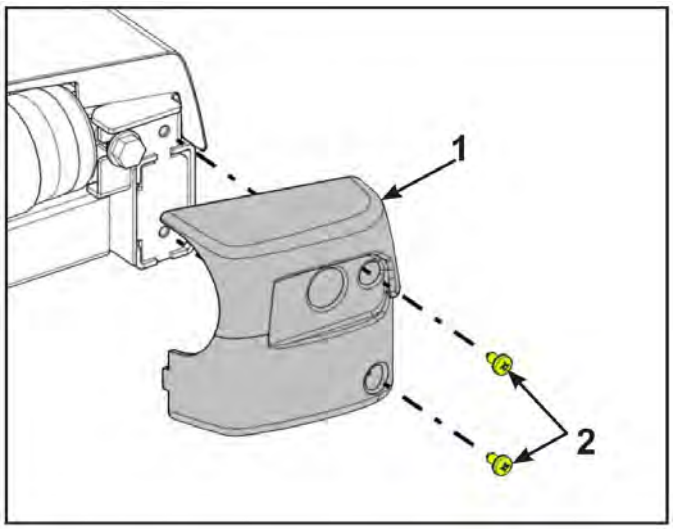
1. Toggle the on/off (I/O) power switch to the off (O) position. The on/off (I/O) power switch is located under the front end of the unit, or on the front right side panel.
2. Unplug the treadmill from the power outlet.

⚠WARNING

Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Remove end caps

1. Remove two screws securing right end cap using a Phillips screwdriver.

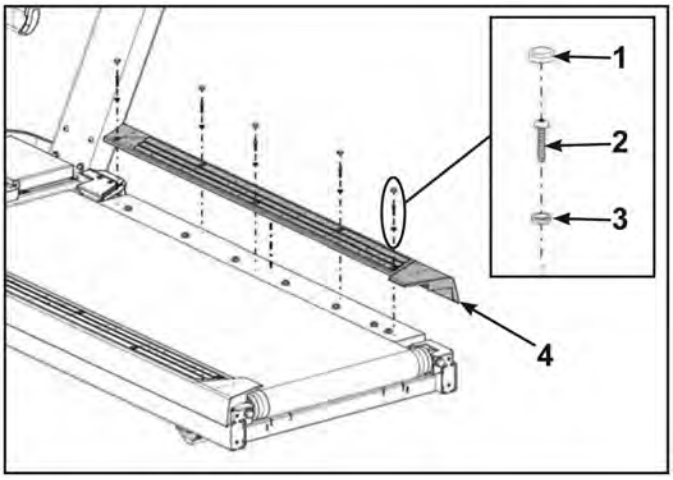


Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.

Remove top steps

1. Remove the five screw covers from the right top step using a flat head screwdriver.

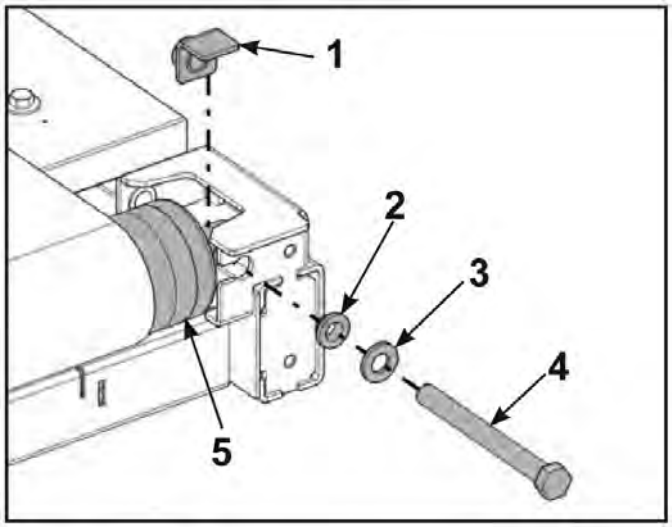


Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Remove the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
3. Repeat steps for the left top step.

Remove rear roller

1. Remove the two rear roller bolts, washers, bushings and rear roller nuts (one roller bolt on each side) using a 3/4” Socket wrench.
   Loosen each bolt evenly, making sure not to loosen either bolt too many turns before moving to the other bolt.



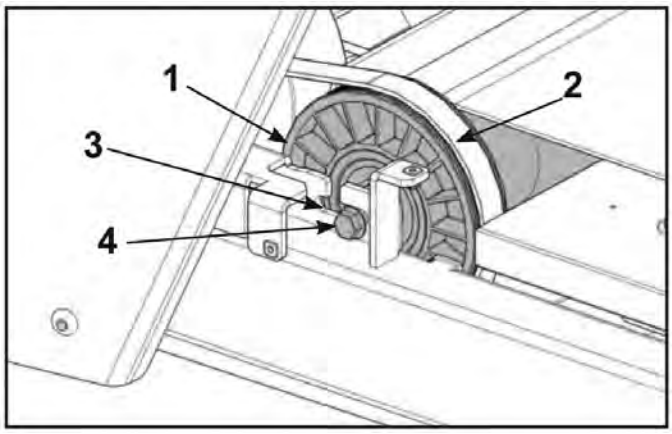
Item	Description	Qty.
1	Rear roller nut	1
2	Bushing	1
3	Washer	1
4	Bolt	1
5	Rear roller	1

2. Lift one side of the rear roller and slide the roller out of the running belt.

Remove front roller

1. **WARNING** Moving parts hazard. To avoid serious injury slowly release tension to parts.

   Loosen the left mounting bolt using a 9/16” Socket wrench.

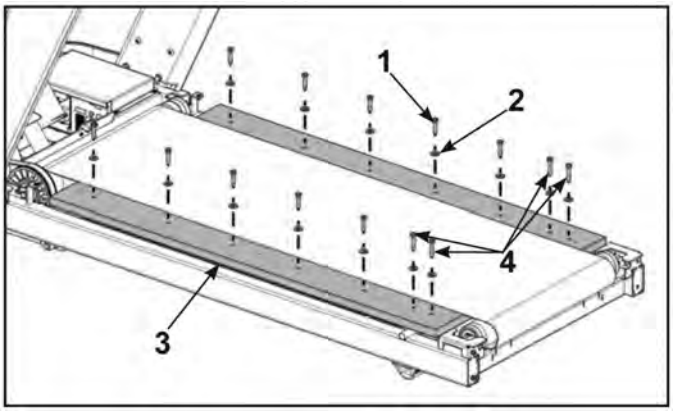


Item	Description	Qty.
1	Front roller	1
2	Drive belt	1
3	Tensioning slot	1
4	Mounting bolt	1

2. Loosen the right mounting bolt using a 9/16” Socket wrench.
3. Remove the front roller and slide the drive belt off of the front roller.

Remove running deck

1. Remove the fourteen bolts and fourteen flat washers that hold the deck in place using a 1/2” Socket wrench.
   The four rear pivot bolts are longer. The nuts may fall out of the deck pivots.

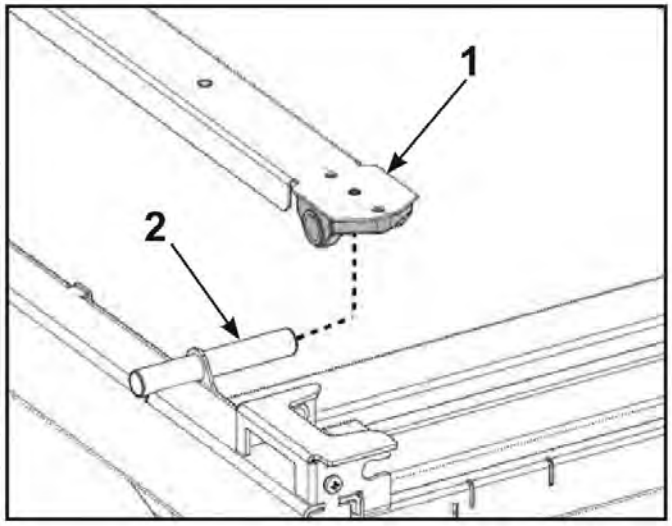


Item	Description	Qty.
1	Bolt, deck, 5/16-18 x 1.5”	10
2	Flat washer	14
3	Deck	1
4	Bolt, pivot, 5/16-18 x 1.75”	4

2. Slide the deck out of the frame.
   The deck has two wear sides and can be flipped. If both sides are worn, replace deck.

Remove deck pivot assembly

1. Slide the left deck pivot assembly off of the frame pivot shaft.

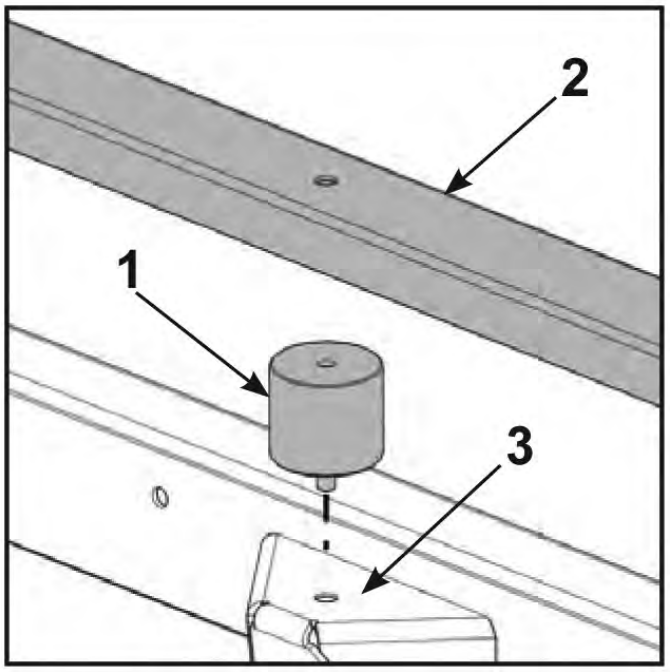


Item	Description	Qty.
1	Deck pivot assembly	4
2	Frame pivot shaft	1

2. Repeat step for right side.

Remove deck bumpers

1. Remove the right deck bumper by lifting the deck stiffener and unscrewing bumper from frame.

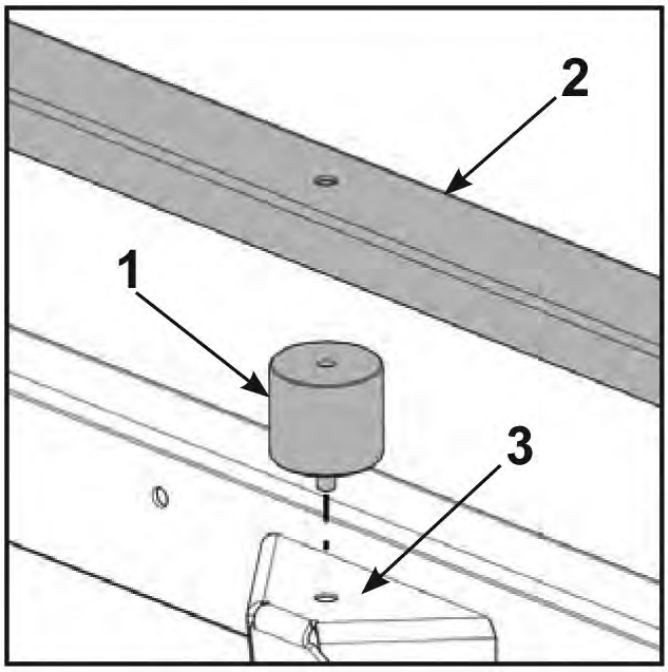


Item	Description	Qty.
1	Deck bumper	1
2	Deck stiffener	1
3	Frame	1

2. Repeat step for left side.

Install deck bumpers

1. Install the right deck bumper by lifting the deck stiffener and screwing bumper into frame.

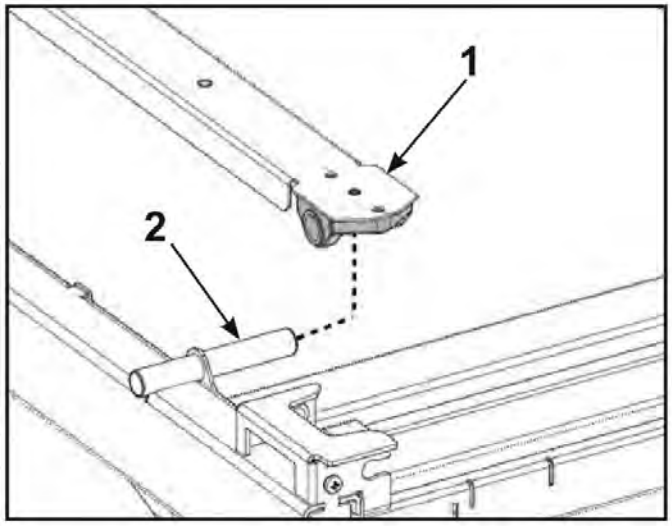


Item	Description	Qty.
1	Deck bumper	1
2	Deck stiffener	1
3	Frame	1

2. Repeat step for left side.

Install deck pivot assembly

1. Install the left deck pivot assembly onto the frame pivot shaft.



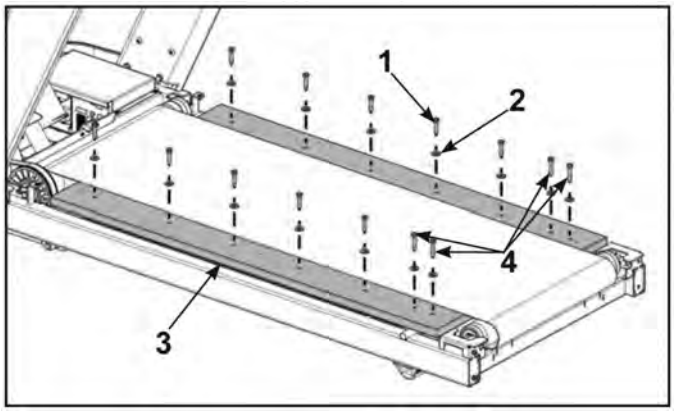
Item	Description	Qty.
1	Deck pivot assembly	4
2	Frame pivot shaft	1

2. Repeat step for right side.

Install running deck

1. Slide the deck into position on the frame.

2. Install the two pivot bolts and two flat washers that secure the deck to the left deck pivot using a 1/2” Socket wrench.
   The deck pivots need to be fully seated onto the pivot shaft.

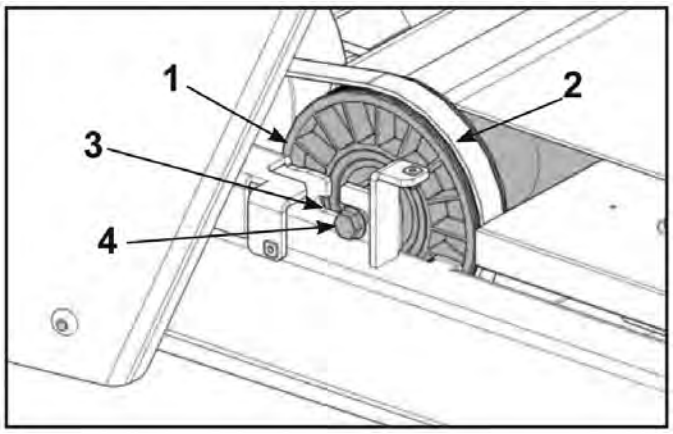


Item	Description	Qty.
1	Bolt, deck, 5/16-18 x 1.5”	10
2	Flat washer	14
3	Deck	1
4	Bolt, pivot, 5/16-18 x 1.75”	4

3. Repeat step for the right deck pivot.
4. Install the ten deck bolts and ten flat washers that secure the deck to the deck stiffener using a 1/2” Socket wrench.
   Tighten to 80 in-lbs (9 Nm) using a torque wrench.

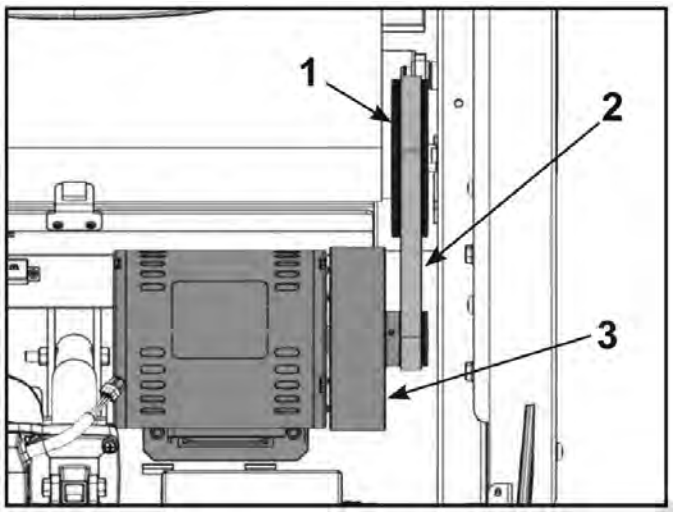
Install front roller

1. Slide the front roller into the running belt.
2. Slide the drive belt around the front roller before attaching the front roller.



Item	Description	Qty.
1	Front roller	1
2	Drive belt	1
3	Tensioning slot	1
4	Mounting bolt	1

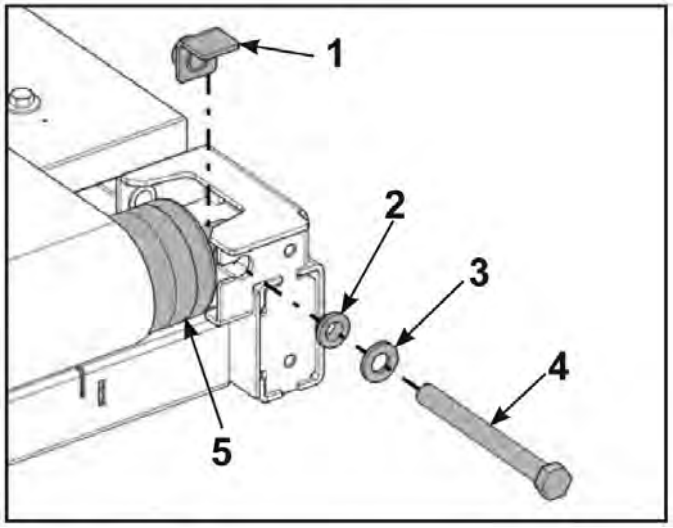
3. Install the two roller bolts that fasten the front roller to the frame.
   Do not tighten the bolts at this time.
   Ensure that the drive belt is aligned properly in the grooves on the drive motor pulley and front roller pulley. The drive belt should be positioned in the inner most groove of the drive motor pulley.



Item	Description	Qty.
1	Front Roller Pulley	1
2	Drive Belt	1
3	Drive Motor Pulley	1

Install rear roller

1. Slide the rear roller into the running belt.
2. Install the bolt, washer, bushing and rear roller nut for each side of the roller into position.

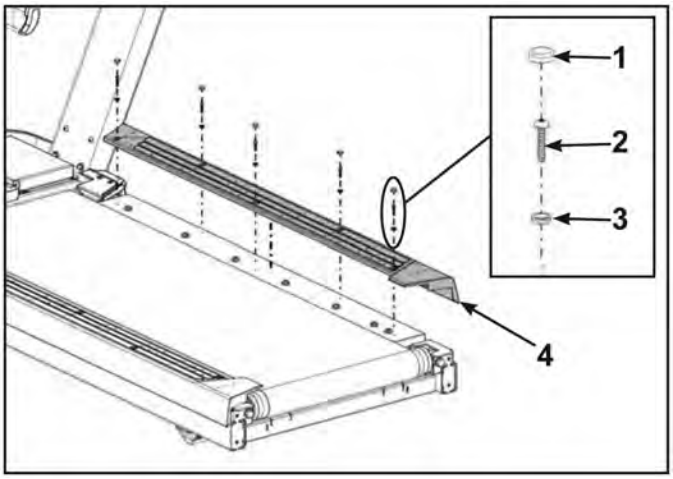


Item	Description	Qty.
1	Rear roller nut	1
2	Bushing	1
3	Washer	1
4	Bolt	1
5	Rear roller	1

3. Tighten the two rear roller bolts using a 3/4” Socket wrench.
   Tighten each bolt evenly, making sure not to tighten either bolt too many turns before moving to the other bolt.
4. Continue to tighten bolts until the front roller is all the way back in the tensioning slots.
5. Tighten the front roller bolts using a 9/16” Socket wrench.
6. Tighten the rear roller bolts to 100 in-lbs (11.3 Nm) using a torque wrench.

Install top steps

1. Install the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
   Do not tighten screws at this time.

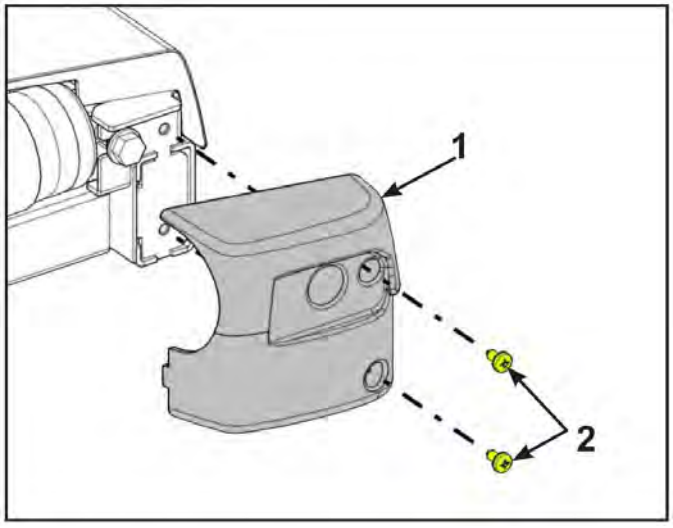


Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Install the five screws and five screw cover bases securing the left top step using a Phillips screwdriver.

Install end caps

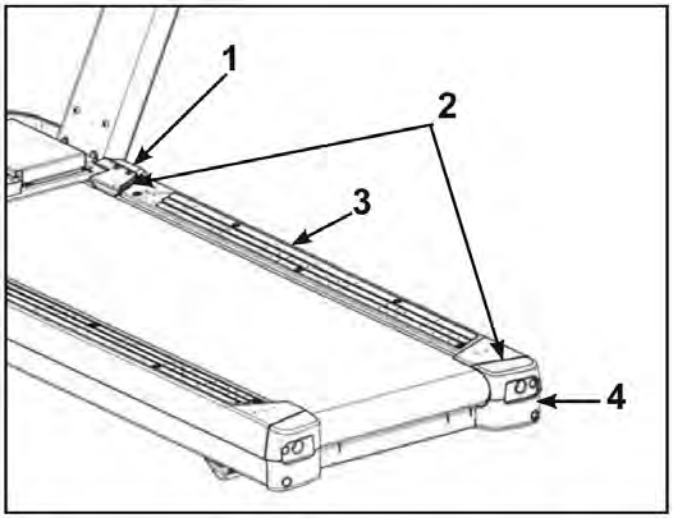
1. Install the two screws securing the right end cap using a Phillips screwdriver.



Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.

3. Align the top step to be centered between the hood cover support and end cap. The gaps should be equal.



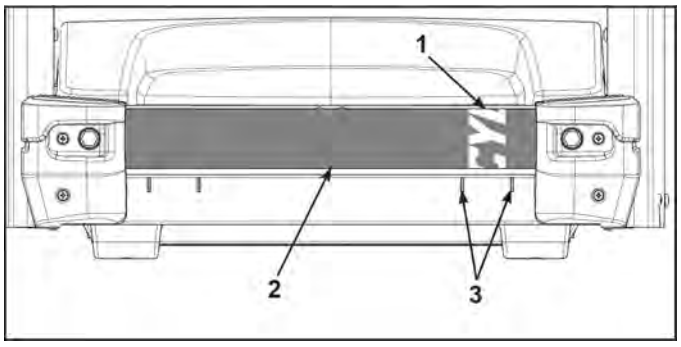
Item	Description	Qty.
1	Motor cover support	1
2	Gaps	1
3	Top step	1
4	End cap	1

NOTICE Do not use power toolsThe deck holes will strip out if over tightened.

4. Tighten the five screws to 28 in-lbs (3.16 Nm) using a torque screwdriver.
5. Install the five screw covers to the top step.
6. Repeat steps for the left top step.

Center and tension the running belt

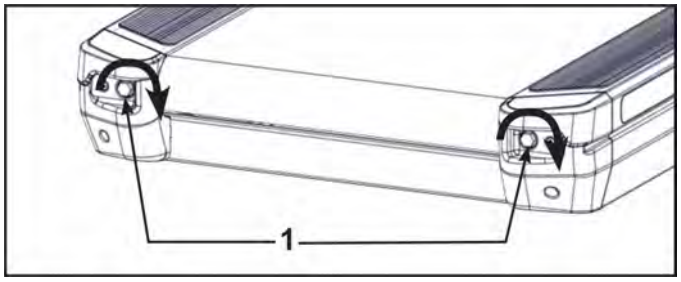
1. Plug the power cord into the power outlet.
2. Turn the main power switch to the on (I) position.
3. Tap the **Quick Start** icon.
4. Press the **Speed +** key to bring the speed up to 5 mph (8 kph). Allow the treadmill to run for a minute. The lateral position of the running belt is correctly centered when the Cybex logo is centered between the inside edges of the two belt tracking slots. If the Cybex logo is not centered between the belt tracking slots, center the running belt with the following procedure.
5. Observe the Cybex logo position relative to the belt tracking slots with the treadmill running at 5 mph (8 kph).



Item	Description	Qty.
1	Cybex logo	1
2	Running belt	1
3	Belt tracking slot	4

While centering the running belt choose one bolt to adjust. Do not adjust both bolts.

6. Tighten the rear roller bolt on the side of the treadmill toward which the running belt is moving using a 3/4" socket wrench.
   For example: If the running belt moves to the right of the belt tracking slots, tighten the bolt on the right side of the frame, tighten about 1/2 of a turn (clockwise) and wait 30 seconds. If the running belt does not move back to the center of the belt tracking slots, make another adjustment to the same bolt. Once the running belt has been adjusted closer to the center of the belt tracking slots, use about 1/4 of a turn until the running belt has been stabilized.



Item	Description	Qty.
1	Rear roller bolt	2

7. Check the belt tension after the running belt has been centered.
   Make sure the running belt tension is tight enough so that the running belt does not slip or hesitate when stepped on. Walk on the treadmill at 3.5 - 4 mph (5.6 - 6.4 kph) and every 4th to 5th step throw your weight into your step to feel if the running belt is slipping. If slipping is felt, confirm it is the running belt slipping and not the drive belt. With the hood cover removed, observe movement at the drive belt and front roller.
   Do not over tighten the running belt. Over tightening the running belt can cause the belt to stretch and require replacement. Continue procedure until running belt stops slipping.

8. Check running belt for centering position.
   If running belt is not centered, perform steps 5 and 6.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

Running Belt

Tools Required:
- Phillips screwdriver
- Flat head screwdriver
- 5/32” Allen wrench
- 1/2” Socket wrench
- 9/16” Socket wrench
- 3/4” Socket wrench

Disconnect power source

1. Toggle the on/off (I/O) power switch to the off (O) position. The on/off (I/O) power switch is located under the front end of the unit, or on the front right side panel.

2. Unplug the treadmill from the power outlet.

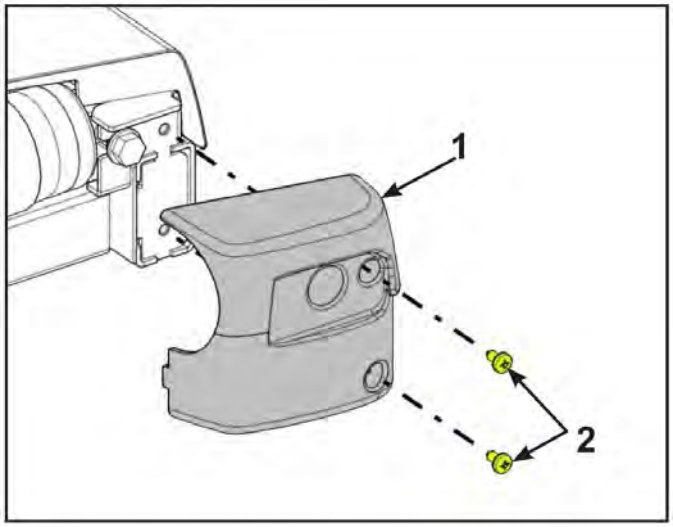
⚠WARNING

Shock and electrocution hazard.

- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Remove end caps

1. Remove two screws securing right end cap using a Phillips screwdriver.

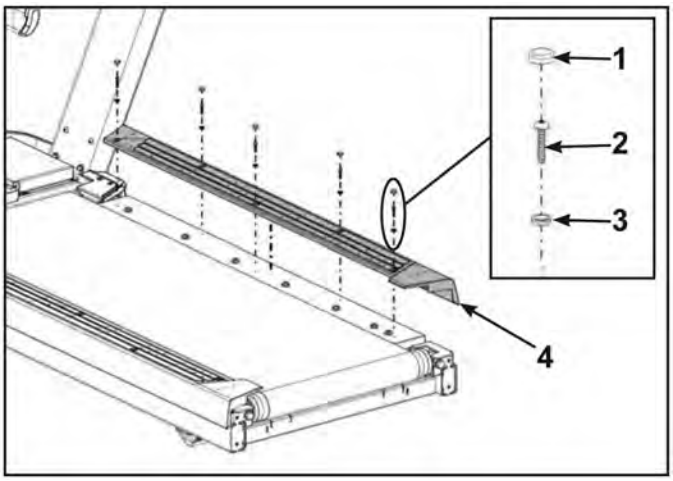


Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.

Remove top steps

1. Remove the five screw covers from the right top step using a flat head screwdriver.

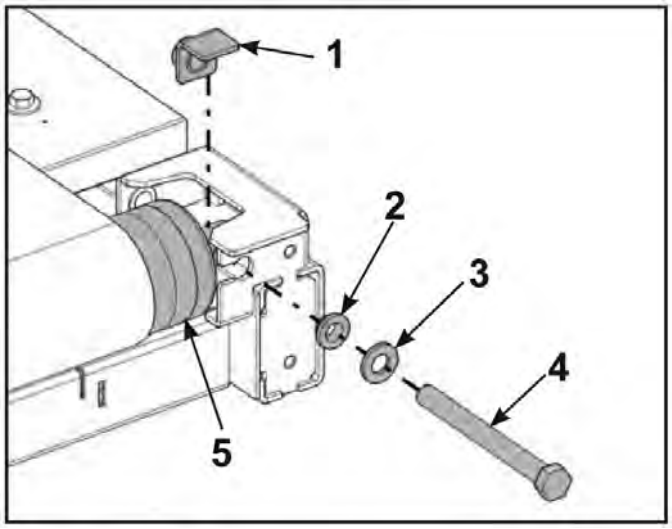


Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Remove the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
3. Repeat steps for the left top step.

Remove rear roller

1. Remove the two rear roller bolts, washers, bushings and rear roller nuts (one roller bolt on each side) using a 3/4” Socket wrench.
   Loosen each bolt evenly, making sure not to loosen either bolt too many turns before moving to the other bolt.



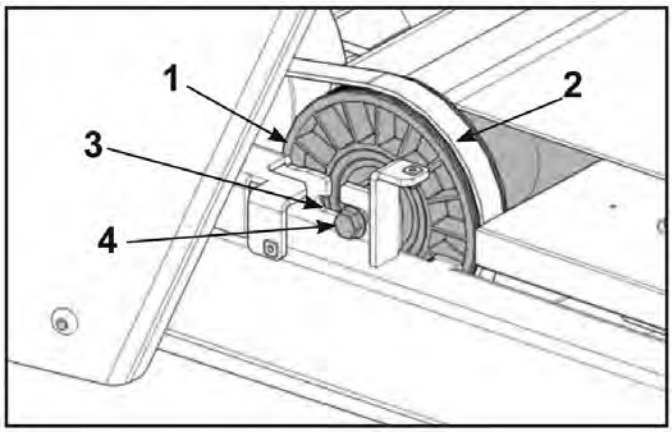
Item	Description	Qty.
1	Rear roller nut	1
2	Bushing	1
3	Washer	1
4	Bolt	1
5	Rear roller	1

2. Lift one side of the rear roller and slide the roller out of the running belt.

Remove front roller

1. **⚠WARNING** Moving parts hazard. To avoid serious injury slowly release tension to parts.

   Loosen the left mounting bolt using a 9/16” Socket wrench.

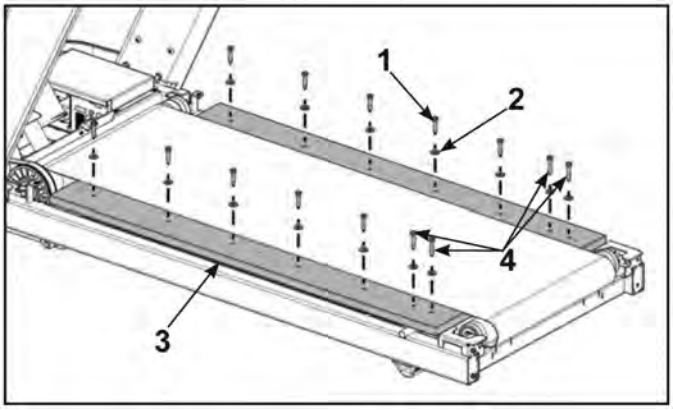


Item	Description	Qty.
1	Front roller	1
2	Drive belt	1
3	Tensioning slot	1
4	Mounting bolt	1

2. Loosen the right mounting bolt using a 9/16” Socket wrench.
3. Remove the front roller and slide the drive belt off of the front roller.

Remove running deck

1. Remove the fourteen bolts and fourteen flat washers that hold the deck in place using a 1/2” Socket wrench.
   The four rear pivot bolts are longer. The nuts may fall out of the deck pivots.



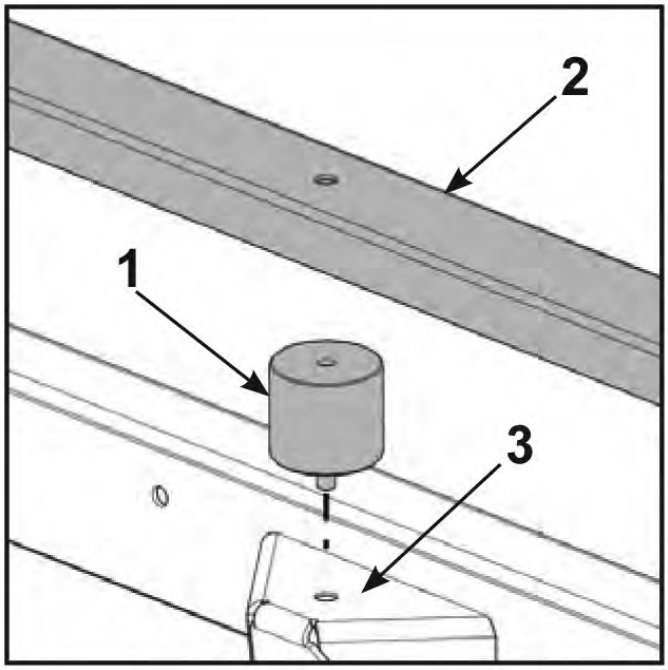
Item	Description	Qty.
1	Bolt, deck, 5/16-18 x 1.5”	10
2	Flat washer	14
3	Deck	1
4	Bolt, pivot, 5/16-18 x 1.75”	4

2. Slide the deck out of the frame.
   The deck has two wear sides and can be flipped. If both sides are worn, replace deck.

Inspect deck bumpers

Inspect the deck bumpers for cracks or wear.

NOTICE Replace the deck bumpers if the rubber is cracked or worn.



Item	Description	Qty.
1	Deck bumper	1
2	Deck stiffener	1
3	Frame	1

Remove running belt

Remove the running belt from the unit.

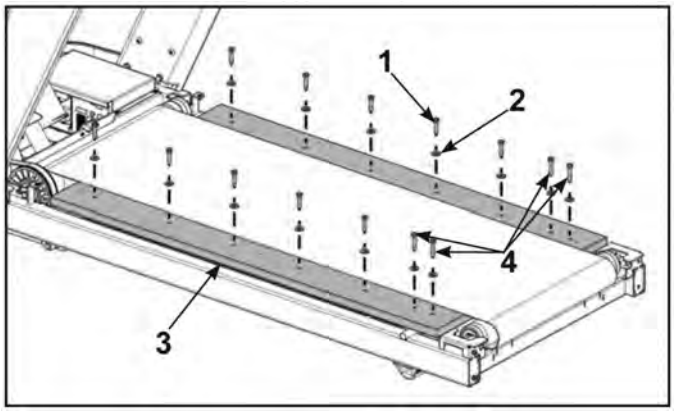
👉 **NOTE:** If the same running belt will be re-installed, note the direction of travel and re-install in the same direction.

Install running belt

Place the running belt in position on the unit.

Install running deck

1. Slide the deck into position on the frame.
2. Install the two pivot bolts and two flat washers that secure the deck to the left deck pivot using a 1/2” Socket wrench.
   The deck pivots need to be fully seated onto the pivot shaft.

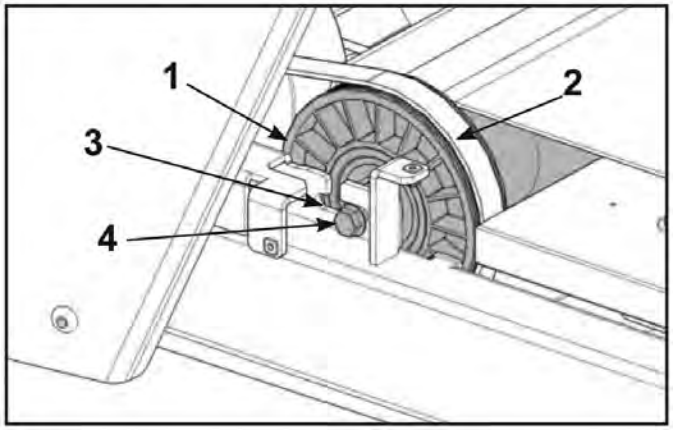


Item	Description	Qty.
1	Bolt, deck, 5/16-18 x 1.5”	10
2	Flat washer	14
3	Deck	1
4	Bolt, pivot, 5/16-18 x 1.75”	4

3. Repeat step for the right deck pivot.
4. Install the ten deck bolts and ten flat washers that secure the deck to the deck stiffener using a 1/2” Socket wrench.
   Tighten to 80 in-lbs (9 Nm) using a torque wrench.

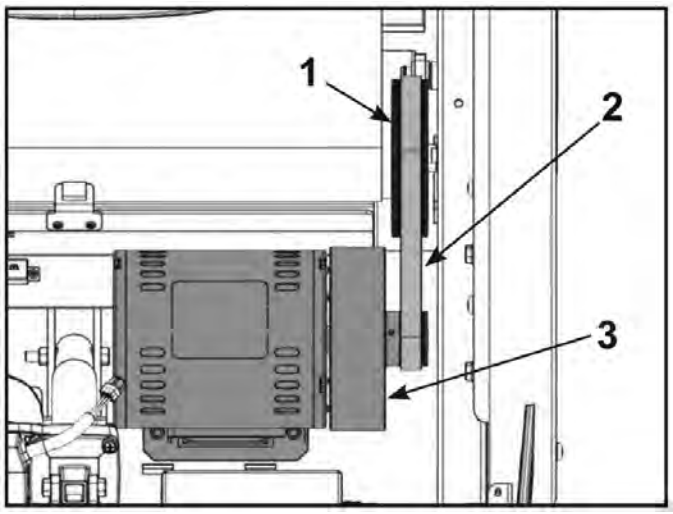
Install front roller

1. Slide the front roller into the running belt.
2. Slide the drive belt around the front roller before attaching the front roller.



Item	Description	Qty.
1	Front roller	1
2	Drive belt	1
3	Tensioning slot	1
4	Mounting bolt	1

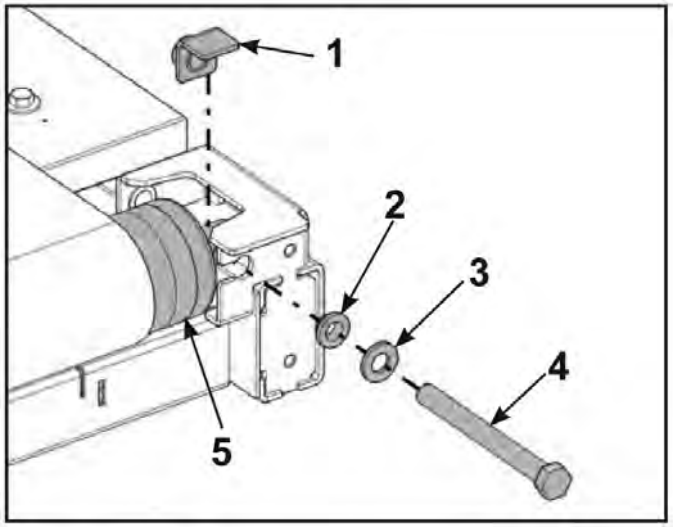
3. Install the two roller bolts that fasten the front roller to the frame.
   Do not tighten the bolts at this time.
   Ensure that the drive belt is aligned properly in the grooves on the drive motor pulley and front roller pulley. The drive belt should be positioned in the inner most groove of the drive motor pulley.



Item	Description	Qty.
1	Front Roller Pulley	1
2	Drive Belt	1
3	Drive Motor Pulley	1

Install rear roller

1. Slide the rear roller into the running belt.
2. Install the bolt, washer, bushing and rear roller nut for each side of the roller into position.

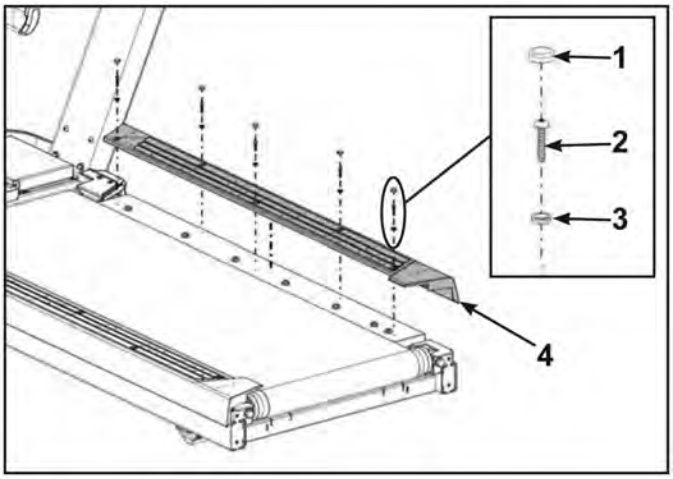


Item	Description	Qty.
1	Rear roller nut	1
2	Bushing	1
3	Washer	1
4	Bolt	1
5	Rear roller	1

3. Tighten the two rear roller bolts using a 3/4” Socket wrench.
   Tighten each bolt evenly, making sure not to tighten either bolt too many turns before moving to the other bolt.
4. Continue to tighten bolts until the front roller is all the way back in the tensioning slots.
5. Tighten the front roller bolts using a 9/16” Socket wrench.
6. Tighten the rear roller bolts to 100 in-lbs (11.3 Nm) using a torque wrench.

Install top steps

1. Install the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
   Do not tighten screws at this time.

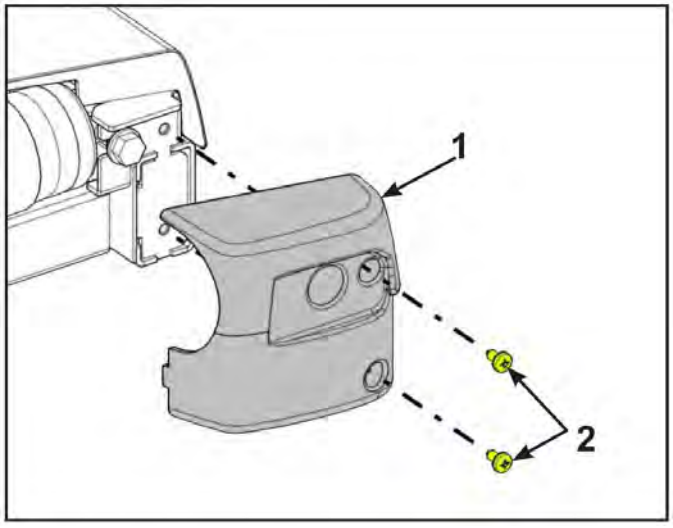


Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Install the five screws and five screw cover bases securing the left top step using a Phillips screwdriver.

Install end caps

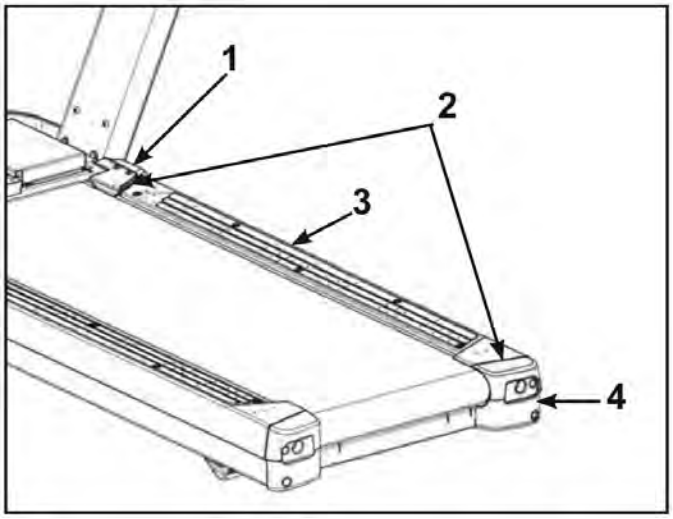
1. Install the two screws securing the right end cap using a Phillips screwdriver.



Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.

3. Align the top step to be centered between the hood cover support and end cap. The gaps should be equal.



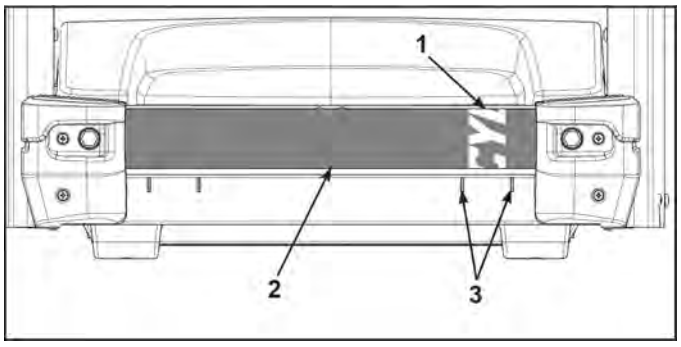
Item	Description	Qty.
1	Motor cover support	1
2	Gaps	1
3	Top step	1
4	End cap	1

NOTICE Do not use power toolsThe deck holes will strip out if over tightened.

4. Tighten the five screws to 28 in-lbs (3.16 Nm) using a torque screwdriver.
5. Install the five screw covers to the top step.
6. Repeat steps for the left top step.

Center and tension the running belt

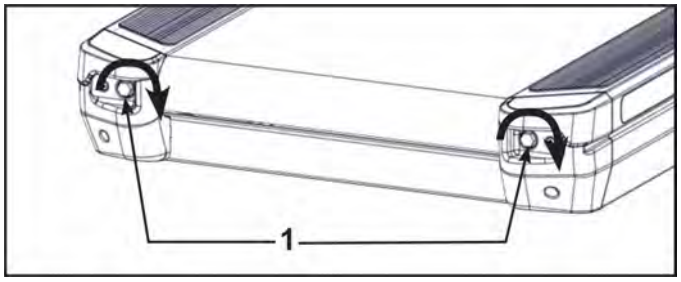
1. Plug the power cord into the power outlet.
2. Turn the main power switch to the on (I) position.
3. Tap the **Quick Start** icon.
4. Press the **Speed +** key to bring the speed up to 5 mph (8 kph). Allow the treadmill to run for a minute. The lateral position of the running belt is correctly centered when the Cybex logo is centered between the inside edges of the two belt tracking slots. If the Cybex logo is not centered between the belt tracking slots, center the running belt with the following procedure.
5. Observe the Cybex logo position relative to the belt tracking slots with the treadmill running at 5 mph (8 kph).



Item	Description	Qty.
1	Cybex logo	1
2	Running belt	1
3	Belt tracking slot	4

While centering the running belt choose one bolt to adjust. Do not adjust both bolts.

6. Tighten the rear roller bolt on the side of the treadmill toward which the running belt is moving using a 3/4" socket wrench.
   For example: If the running belt moves to the right of the belt tracking slots, tighten the bolt on the right side of the frame, tighten about 1/2 of a turn (clockwise) and wait 30 seconds. If the running belt does not move back to the center of the belt tracking slots, make another adjustment to the same bolt. Once the running belt has been adjusted closer to the center of the belt tracking slots, use about 1/4 of a turn until the running belt has been stabilized.



Item	Description	Qty.
1	Rear roller bolt	2

7. Check the belt tension after the running belt has been centered.
   Make sure the running belt tension is tight enough so that the running belt does not slip or hesitate when stepped on. Walk on the treadmill at 3.5 - 4 mph (5.6 - 6.4 kph) and every 4th to 5th step throw your weight into your step to feel if the running belt is slipping. If slipping is felt, confirm it is the running belt slipping and not the drive belt. With the hood cover removed, observe movement at the drive belt and front roller.
   Do not over tighten the running belt. Over tightening the running belt can cause the belt to stretch and require replacement. Continue procedure until running belt stops slipping.

8. Check running belt for centering position.
   If running belt is not centered, perform steps 5 and 6.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

Drive Belt

Tools Required:
- Phillips screwdriver
- Flat head screwdriver
- 1/2” Socket wrench
- 9/16” Socket wrench
- 3/4” Socket wrench

Disconnect power source

1. Toggle the on/off (I/O) power switch to the off (O) position. The on/off (I/O) power switch is located under the front end of the unit, or on the front right side panel.

2. Unplug the treadmill from the power outlet.

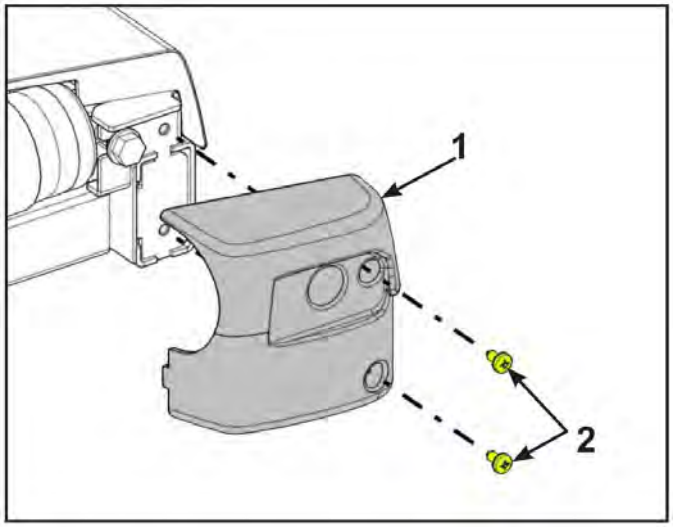
⚠WARNING

Shock and electrocution hazard.

- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Remove end caps

1. Remove two screws securing right end cap using a Phillips screwdriver.

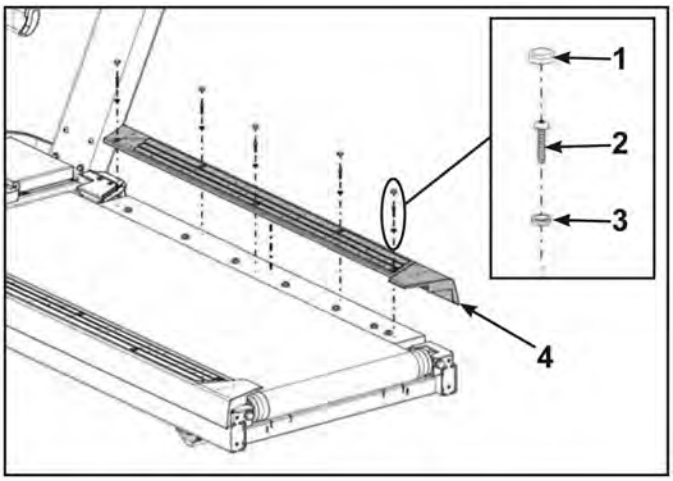


Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.

Remove top steps

1. Remove the five screw covers from the right top step using a flat head screwdriver.



Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

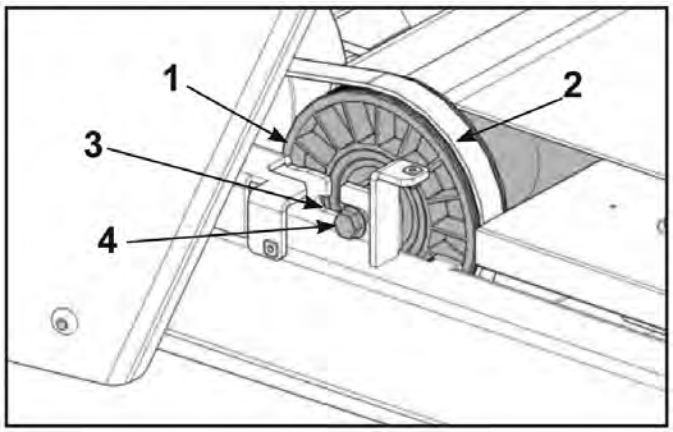
2. Remove the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
3. Repeat steps for the left top step.

Loosen rear roller
Loosen the rear roller mounting bolts using a 3/4” Socket wrench.

Remove front roller

1. **WARNING** Moving parts hazard. To avoid serious injury slowly release tension to parts.

   Loosen the left mounting bolt using a 9/16” Socket wrench.



Item	Description	Qty.
1	Front roller	1
2	Drive belt	1
3	Tensioning slot	1
4	Mounting bolt	1

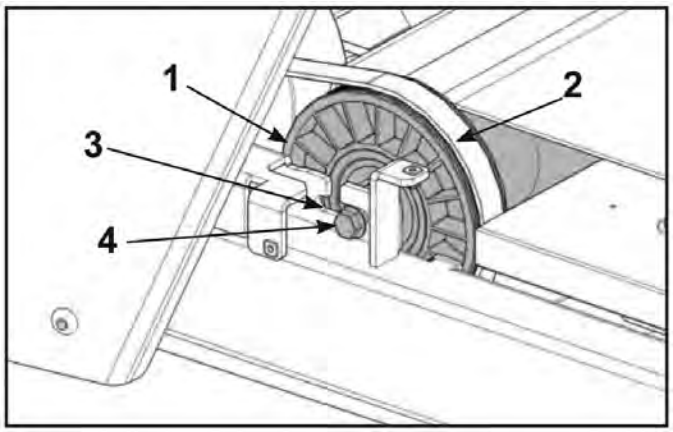
2. Loosen the right mounting bolt using a 9/16” Socket wrench.
3. Remove the front roller and slide the drive belt off of the front roller.

Remove drive belt
Remove the drive belt off of the drive motor pulley.

Install drive belt
Install the drive belt into the grooves on the drive motor pulley.

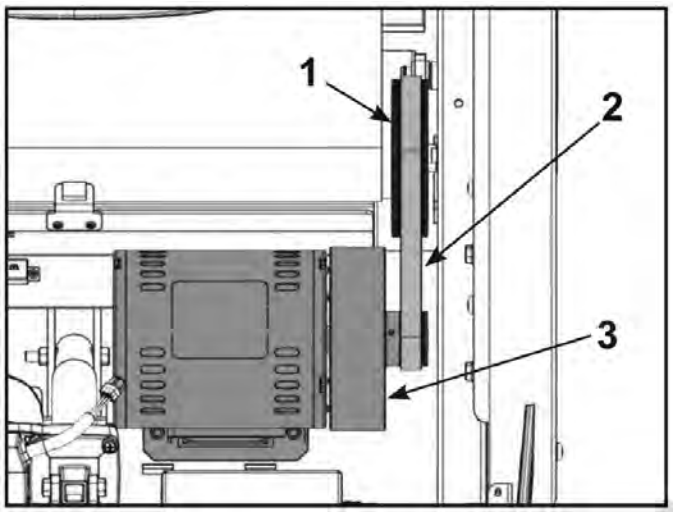
Install front roller

1. Slide the front roller into the running belt.
2. Slide the drive belt around the front roller before attaching the front roller.



Item	Description	Qty.
1	Front roller	1
2	Drive belt	1
3	Tensioning slot	1
4	Mounting bolt	1

3. Install the two roller bolts that fasten the front roller to the frame.
   Do not tighten the bolts at this time.
   Ensure that the drive belt is aligned properly in the grooves on the drive motor pulley and front roller pulley. The drive belt should be positioned in the inner most groove of the drive motor pulley.



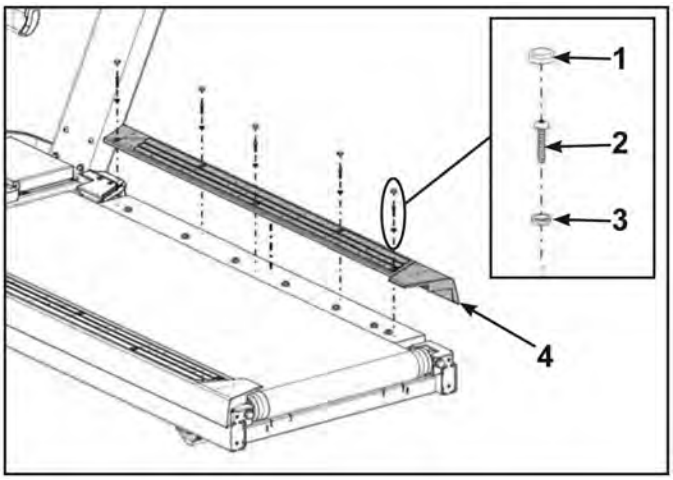
Item	Description	Qty.
1	Front Roller Pulley	1
2	Drive Belt	1
3	Drive Motor Pulley	1

Tighten rear roller

1. Tighten the two rear roller bolts using a 3/4” Socket wrench.
   Tighten each bolt evenly, making sure not to tighten either bolt too many turns before moving to the other bolt.
2. Continue to tighten bolts until the front roller is all the way back in the tensioning slots.
3. Tighten the front roller bolts using a 9/16” Socket wrench.

Install top steps

1. Install the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
   Do not tighten screws at this time.

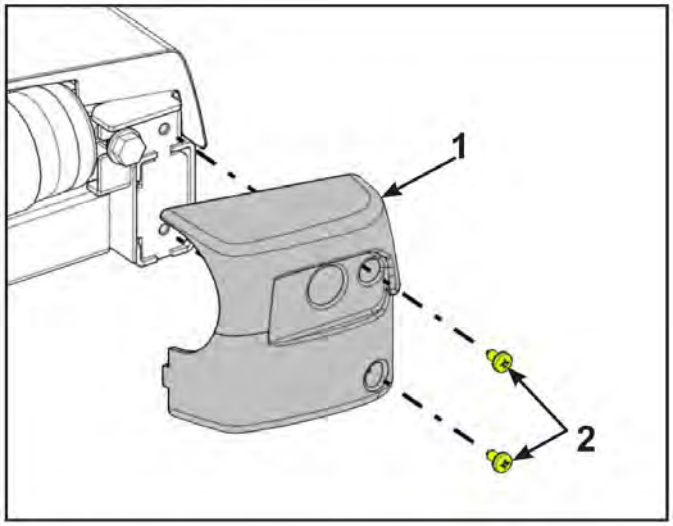


Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Install the five screws and five screw cover bases securing the left top step using a Phillips screwdriver.

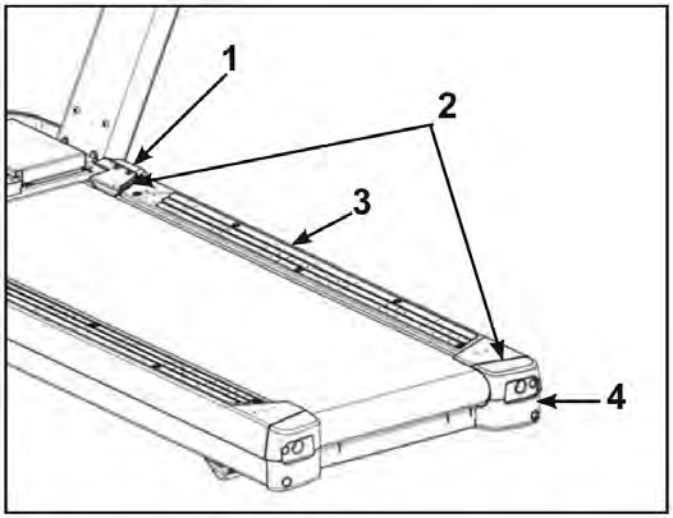
Install end caps

1. Install the two screws securing the right end cap using a Phillips screwdriver.



Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.
3. Align the top step to be centered between the hood cover support and end cap. The gaps should be equal.



Item	Description	Qty.
1	Motor cover support	1
2	Gaps	1
3	Top step	1
4	End cap	1

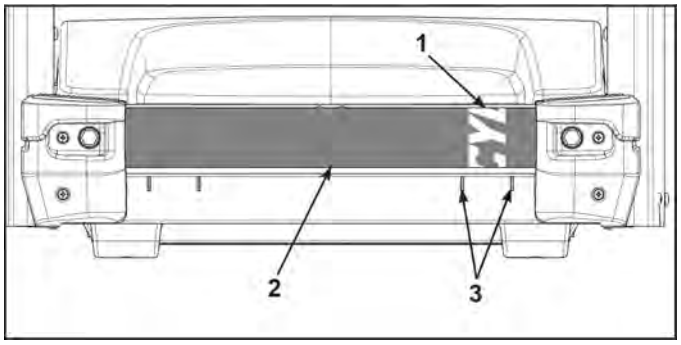
NOTICE Do not use power toolsThe deck holes will strip out if over tightened.

4. Tighten the five screws to 28 in-lbs (3.16 Nm) using a torque screwdriver.
5. Install the five screw covers to the top step.
6. Repeat steps for the left top step.

Center and tension the running belt

1. Plug the power cord into the power outlet.
2. Turn the main power switch to the on (I) position.
3. Tap the **Quick Start** icon.

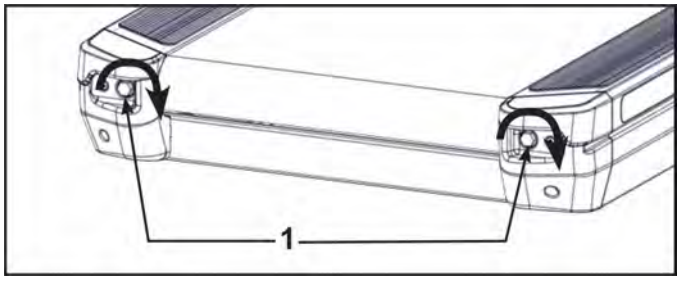
4. Press the **Speed +** key to bring the speed up to 5 mph (8 kph). Allow the treadmill to run for a minute. The lateral position of the running belt is correctly centered when the Cybex logo is centered between the inside edges of the two belt tracking slots. If the Cybex logo is not centered between the belt tracking slots, center the running belt with the following procedure.
5. Observe the Cybex logo position relative to the belt tracking slots with the treadmill running at 5 mph (8 kph).



Item	Description	Qty.
1	Cybex logo	1
2	Running belt	1
3	Belt tracking slot	4

While centering the running belt choose one bolt to adjust. Do not adjust both bolts.

6. Tighten the rear roller bolt on the side of the treadmill toward which the running belt is moving using a 3/4" socket wrench.
For example: If the running belt moves to the right of the belt tracking slots, tighten the bolt on the right side of the frame, tighten about 1/2 of a turn (clockwise) and wait 30 seconds. If the running belt does not move back to the center of the belt tracking slots, make another adjustment to the same bolt. Once the running belt has been adjusted closer to the center of the belt tracking slots, use about 1/4 of a turn until the running belt has been stabilized.



Item	Description	Qty.
1	Rear roller bolt	2

7. Check the belt tension after the running belt has been centered.
Make sure the running belt tension is tight enough so that the running belt does not slip or hesitate when stepped on. Walk on the treadmill at 3.5 - 4 mph (5.6 - 6.4 kph) and every 4th to 5th step throw your weight into your step to feel if the running belt is slipping. If slipping is felt, confirm it is the running belt slipping and not the drive belt. With the hood cover removed, observe movement at the drive belt and front roller.
Do not over tighten the running belt. Over tightening the running belt can cause the belt to stretch and require replacement. Continue procedure until running belt stops slipping.

8. Check running belt for centering position.
If running belt is not centered, perform steps 5 and 6.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

Drive Motor

Tools Required:
- Phillips screwdriver
- Flat head screwdriver
- 1/2” Socket wrench with 6" extension
- 9/16” Socket wrench
- 3/4” Socket wrench
- Side cutter
- Cable tie

Disconnect power source

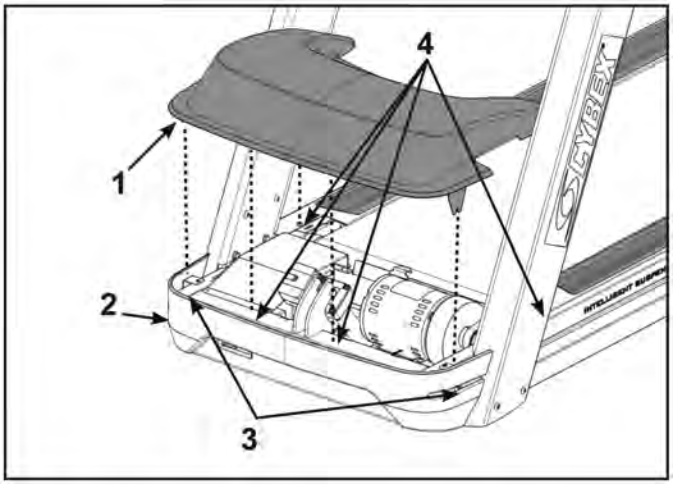
1. Toggle the on/off (I/O) power switch to the off (O) position. The on/off (I/O) power switch is located under the front end of the unit, or on the front right side panel.
2. Unplug the treadmill from the power outlet.

⚠WARNING

Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Remove motor cover

1. Loosen, but do not remove the two front cover screws securing the motor cover using a Phillips screwdriver.

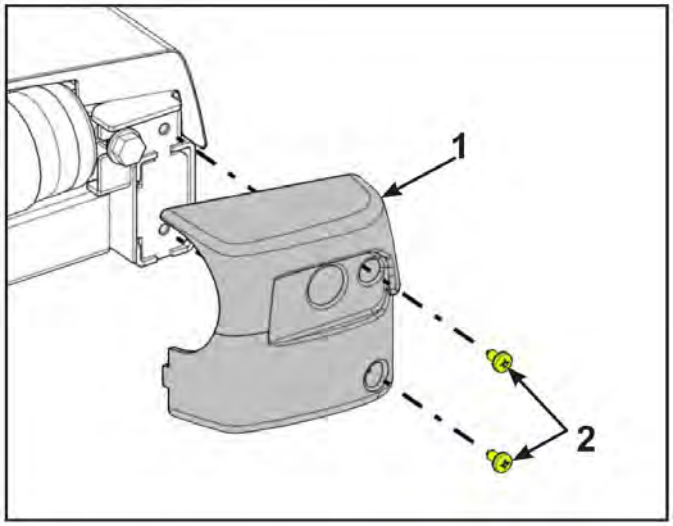


Item	Description	Qty.
1	Motor Cover	1
2	Front Cover	1
3	Screws	2
4	Plastic Connectors	4

2. Remove motor cover by carefully lifting vertically. Do not break the four plastic connectors.

Remove end caps

1. Remove two screws securing right end cap using a Phillips screwdriver.

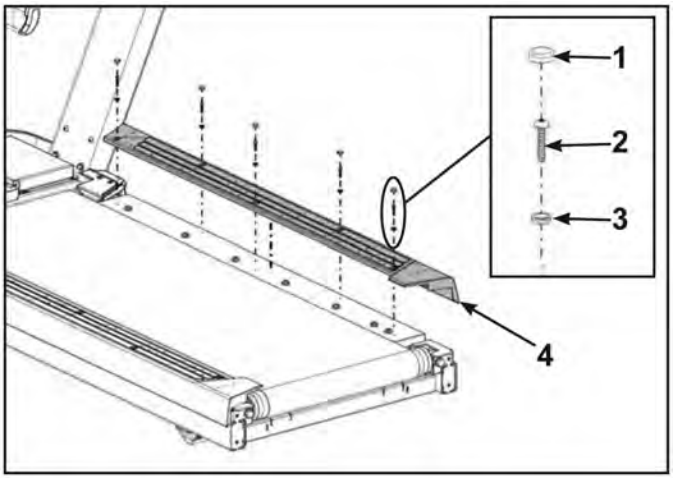


Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.

Remove top steps

1. Remove the five screw covers from the right top step using a flat head screwdriver.



Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Remove the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
3. Repeat steps for the left top step.

Loosen rear roller

Loosen the rear roller mounting bolts using a 3/4” Socket wrench.

Loosen front roller

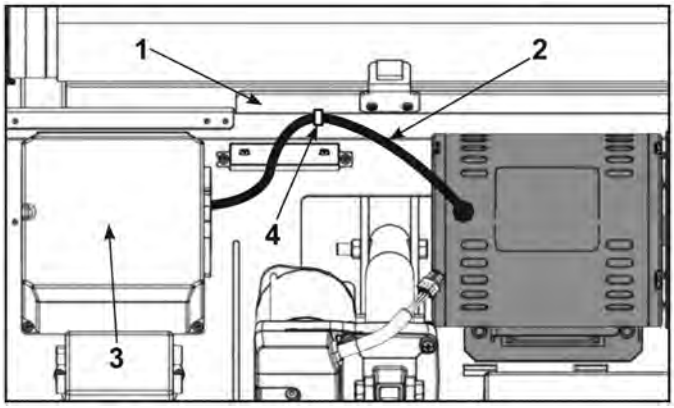
Loosen the front roller mounting bolts using a 9/16” Socket wrench.

Remove drive belt

Remove the drive belt off of the drive motor pulley.

Disconnect drive motor cable

1. Locate the drive motor cable exiting the drive motor and connected to the motor controller.

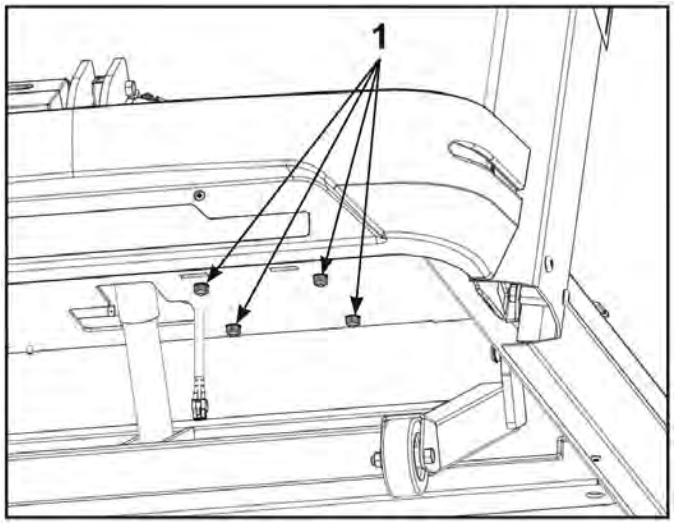


Item	Description	Qty.
1	Front Roller Shield	1
2	Drive Motor Cable	1
3	Motor Controller	2
4	Cable Tie	1

2. Disconnect the drive motor cable from the motor controller.
3. Remove the cable tie securing the drive motor cable to the front roller shield using the side cutters.

Remove drive motor

1. Remove the four mounting nuts using a 1/2” Socket with a 6” extension.

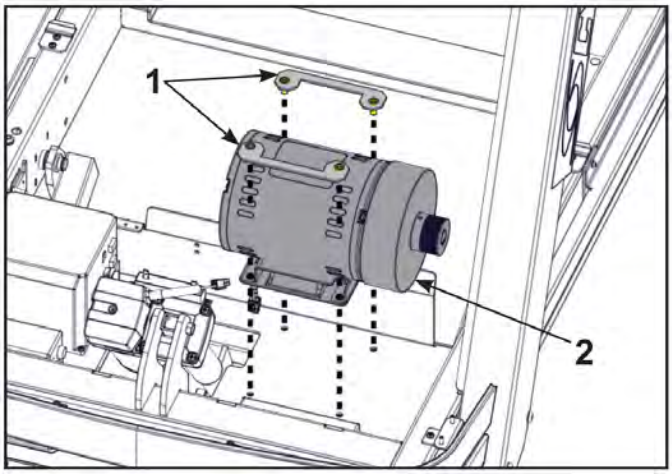


Item	Description	Qty.
1	Mounting Nut	4

2. **WARNING**

Heavy parts.
- Parts are heavy.
- Use safe lifting methods.

Lift the drive motor up and out of the treadmill.

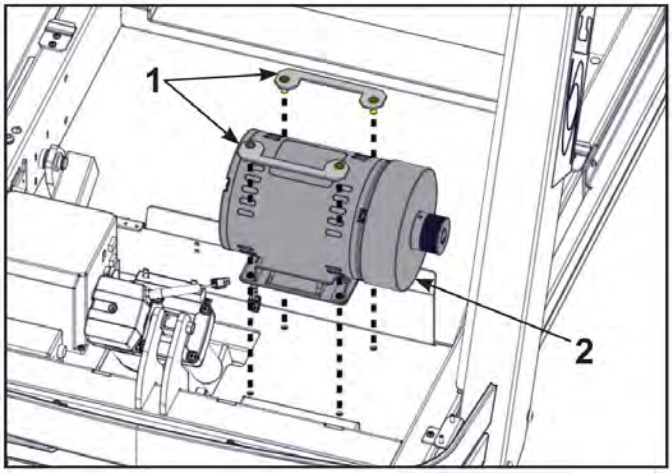


Item	Description	Qty.
1	Drive Motor Mounting Brackets	2
2	Drive Motor	1

3. Remove the drive motor mounting brackets.

Install drive motor

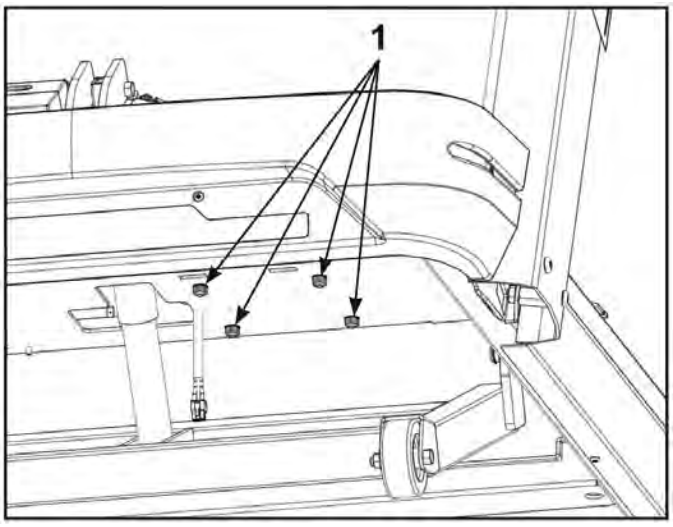
1. Install the drive motor mounting brackets into the drive motor.



Item	Description	Qty.
1	Drive Motor Mounting Brackets	2
2	Drive Motor	1

2. Place the drive motor in the correct position in the treadmill.

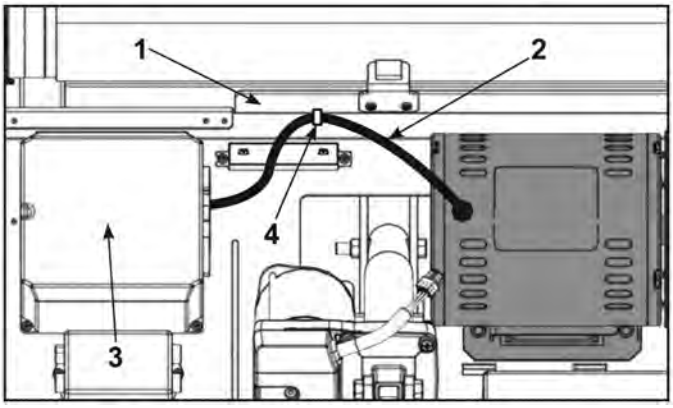
3. Install the four mounting nuts to the drive motor mounting brackets using a 1/2” Socket with a 6” extension.



Item	Description	Qty.
1	Mounting Nut	4

Connect drive motor cable

1. Connect the drive motor cable to the motor controller.



Item	Description	Qty.
1	Front Roller Shield	1
2	Drive Motor Cable	1
3	Motor Controller	2
4	Cable Tie	1

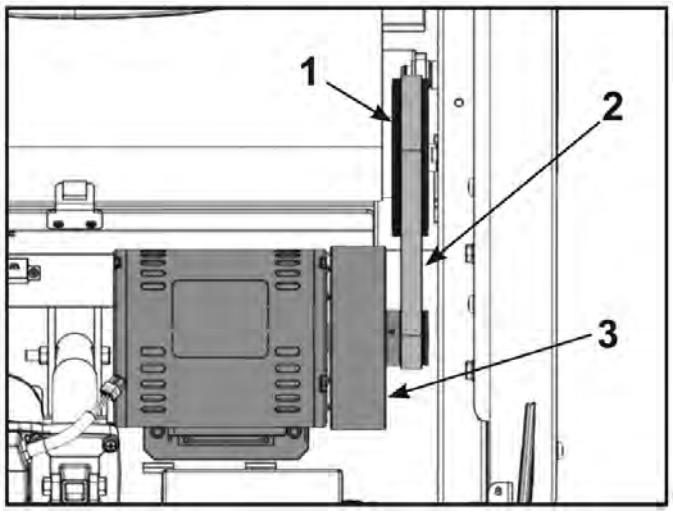
2. Secure the drive motor cable to the front roller shield using a cable tie.
Ensure the drive motor cable is pulled straight to the front roller shield and does not interfere with the motor cover..

Install drive belt

Install the drive belt into the grooves on the drive motor pulley.

Tighten front roller

1. Install the drive belt onto the front roller.



Item	Description	Qty.
1	Front Roller Pulley	1
2	Drive belt	1
3	Drive Motor Pulley	1

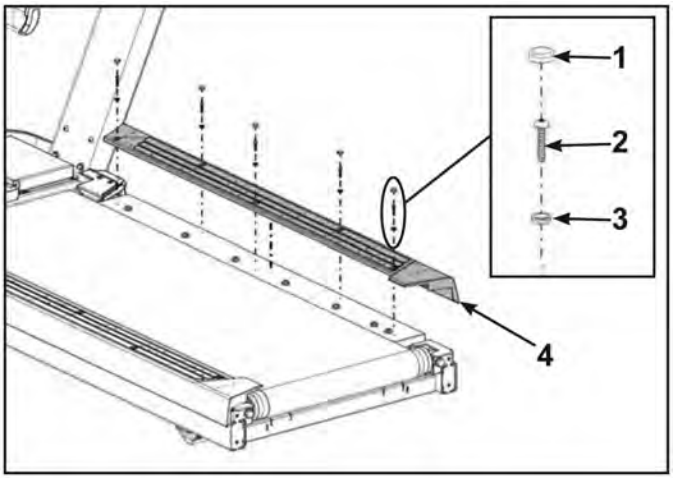
2. Ensure that the drive belt is aligned properly in the grooves on the drive motor pulley and front roller pulley. The drive belt should be positioned in the inner most groove of the drive motor pulley.

Tighten rear roller

1. Tighten the two rear roller bolts using a 3/4” Socket wrench.
   Tighten each bolt evenly, making sure not to tighten either bolt too many turns before moving to the other bolt.
2. Continue to tighten bolts until the front roller is all the way back in the tensioning slots.
3. Tighten the front roller bolts using a 9/16” Socket wrench.

Install top steps

1. Install the five screws and five screw cover bases securing the right top step using a Phillips screwdriver.
   Do not tighten screws at this time.

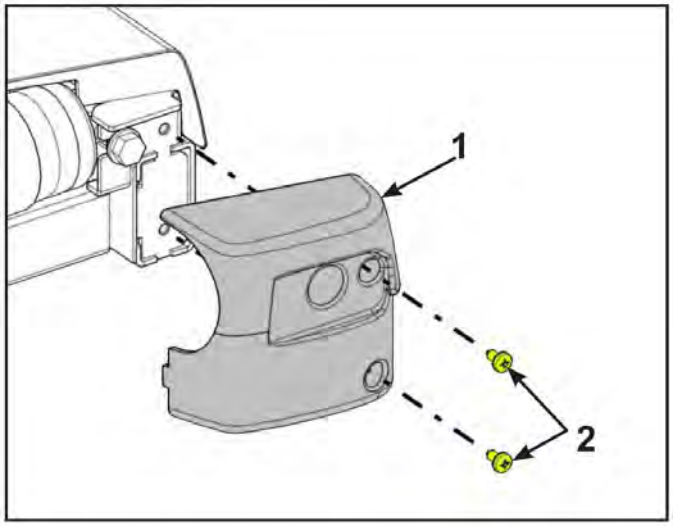


Item	Description	Qty.
1	Screw cover	5
2	Screw	5
3	Screw cover base	5
4	Top step, right	1

2. Install the five screws and five screw cover bases securing the left top step using a Phillips screwdriver.

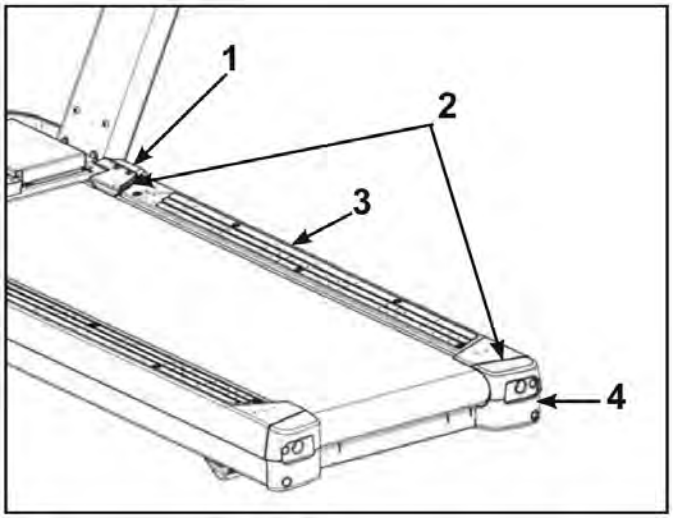
Install end caps

1. Install the two screws securing the right end cap using a Phillips screwdriver.



Item	Description	Qty.
1	Right end cap	1
2	Screws	2

2. Repeat step for left end cap.
3. Align the top step to be centered between the hood cover support and end cap. The gaps should be equal.



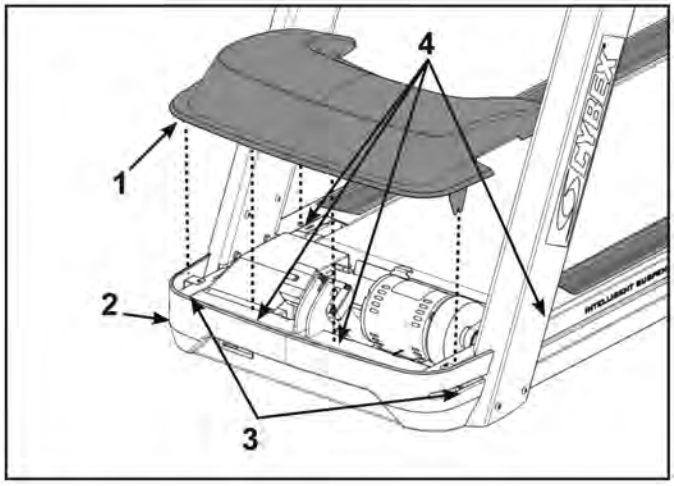
Item	Description	Qty.
1	Motor cover support	1
2	Gaps	1
3	Top step	1
4	End cap	1

NOTICE Do not use power toolsThe deck holes will strip out if over tightened.

4. Tighten the five screws to 28 in-lbs (3.16 Nm) using a torque screwdriver.
5. Install the five screw covers to the top step.
6. Repeat steps for the left top step.

Install motor cover

1. Place the motor cover into position vertically by aligning the two tabs and four plastic connectors. Two plastic connectors are mounted in the front cover and two in the motor cover. If motor cover top does not fit properly, loosen the side screws as needed.

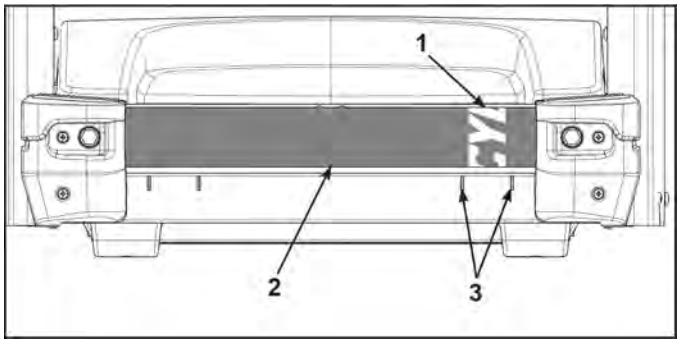


Item	Description	Qty.
1	Motor Cover	1
2	Front Cover	1
3	Screws	2
4	Plastic Connectors	4

2. Tighten the two front cover screws using a Phillips screwdriver.
   Be sure the screws are securing the motor cover's tabs.

Center and tension the running belt

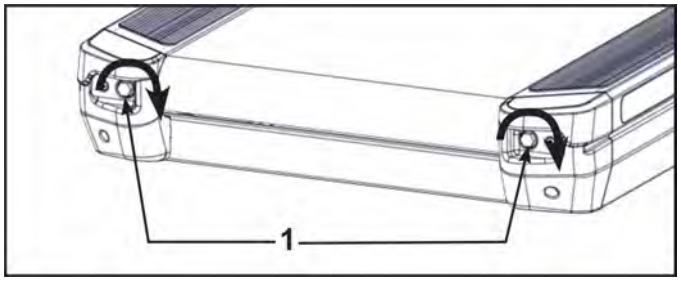
1. Plug the power cord into the power outlet.
2. Turn the main power switch to the on (I) position.
3. Tap the **Quick Start** icon.
4. Press the **Speed +** key to bring the speed up to 5 mph (8 kph). Allow the treadmill to run for a minute. The lateral position of the running belt is correctly centered when the Cybex logo is centered between the inside edges of the two belt tracking slots. If the Cybex logo is not centered between the belt tracking slots, center the running belt with the following procedure.
5. Observe the Cybex logo position relative to the belt tracking slots with the treadmill running at 5 mph (8 kph).



Item	Description	Qty.
1	Cybex logo	1
2	Running belt	1
3	Belt tracking slot	4

While centering the running belt choose one bolt to adjust. Do not adjust both bolts.

6. Tighten the rear roller bolt on the side of the treadmill toward which the running belt is moving using a 3/4" socket wrench.
   For example: If the running belt moves to the right of the belt tracking slots, tighten the bolt on the right side of the frame, tighten about 1/2 of a turn (clockwise) and wait 30 seconds. If the running belt does not move back to the center of the belt tracking slots, make another adjustment to the same bolt. Once the running belt has been adjusted closer to the center of the belt tracking slots, use about 1/4 of a turn until the running belt has been stabilized.



Item	Description	Qty.
1	Rear roller bolt	2

7. Check the belt tension after the running belt has been centered.
   Make sure the running belt tension is tight enough so that the running belt does not slip or hesitate when stepped on. Walk on the treadmill at 3.5 - 4 mph (5.6 - 6.4 kph) and every 4th to 5th step throw your weight into your step to feel if the running belt is slipping. If slipping is felt, confirm it is the running belt slipping and not the drive belt. With the hood cover removed, observe movement at the drive belt and front roller.
   Do not over tighten the running belt. Over tightening the running belt can cause the belt to stretch and require replacement. Continue procedure until running belt stops slipping.

8. Check running belt for centering position.
   If running belt is not centered, perform steps 5 and 6.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

Motor Controller

Tools Required:
- Phillips screwdriver

Disconnect power source

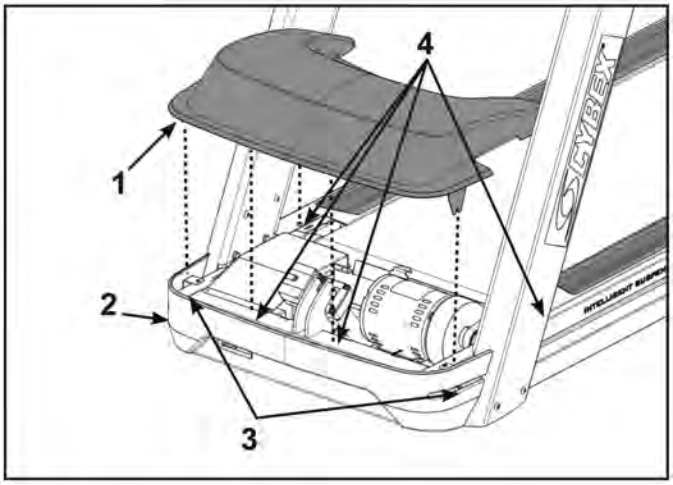
Unplug the power cord from the power outlet.

⚠WARNING

Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Remove motor cover

1. Loosen, but do not remove the two front cover screws securing the motor cover using a Phillips screwdriver.

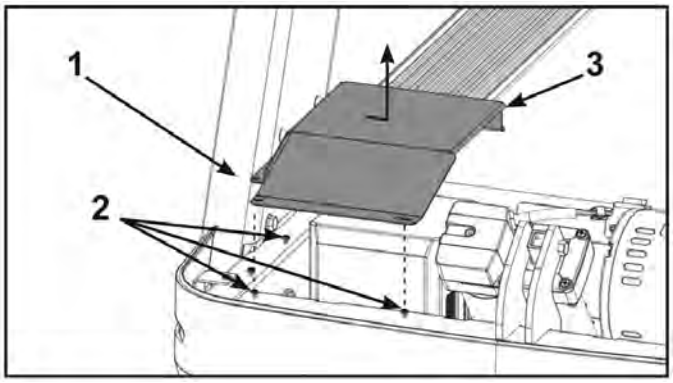


Item	Description	Qty.
1	Motor Cover	1
2	Front Cover	1
3	Screws	2
4	Plastic Connectors	4

2. Remove motor cover by carefully lifting vertically. Do not break the four plastic connectors.

Remove shield

1. Loosen, but do not remove the seven screws securing the shield to the base using a Phillips screwdriver.



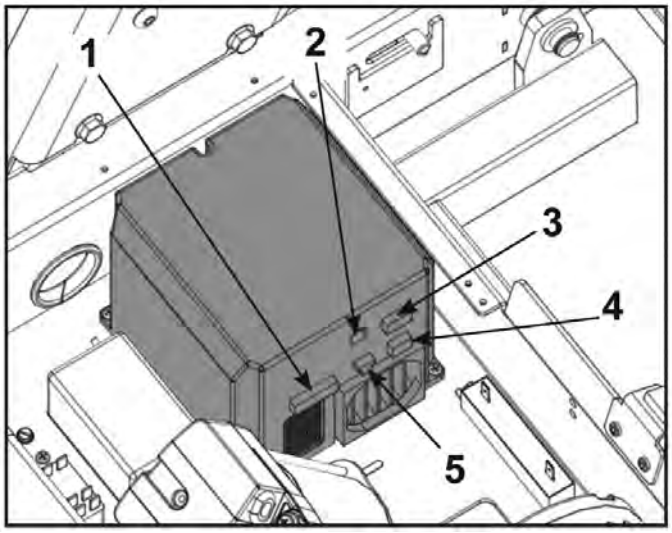
Item	Description	Qty.
1	Base	1
2	Screws	7
3	Shield	1

2. Remove shield by sliding sideways and then vertically off of base.

Disconnect cables from motor controller

Pulling cables by their wires can damage the cables. Remove cables by pulling from connectors.

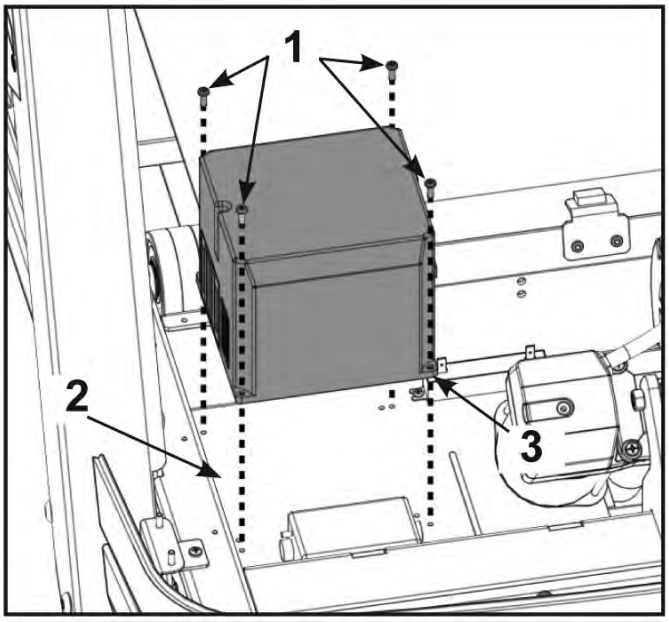
Carefully un-latch the cable connectors from the motor controller. This includes; the power in (INPUT), display cable (COMM.), elevation cable (INCLINE), drive motor cable (OUTPUT) and resistor (DB).



Item	Description	Qty.
1	Power In (INPUT)	1
2	Display Cable (COMM.)	1
3	Elevation Cable (INCLINE)	1
4	Drive Motor Cable (OUTPUT)	1
5	Resistor (DB)	1

Remove motor controller

1. Remove the four screws that hold the motor controller to the motor base plate using a Phillips screwdriver.

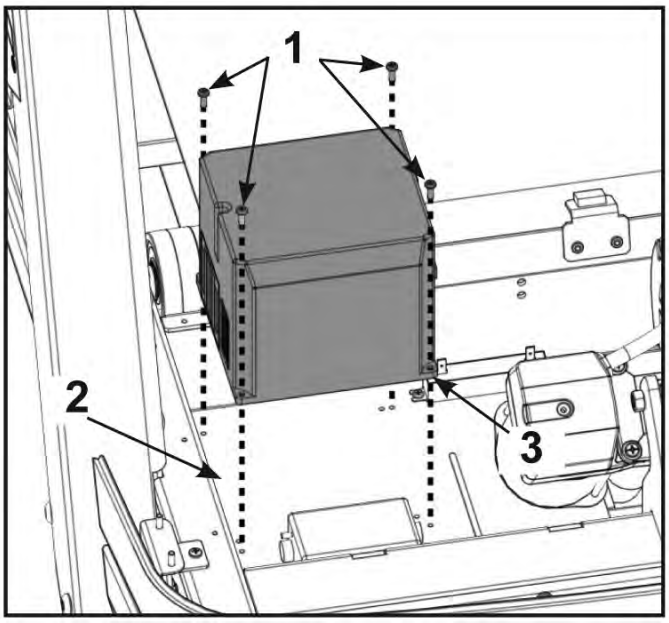


Item	Description	Qty.
1	Screws	4
2	Motor Base Plate	1
3	Motor Controller	1

2. Remove the motor controller.
   Cybex may want this part back for evaluation. Contact *Cybex Customer Service* at 888-462-9239.

Install motor controller

1. Position the motor controller in place on the motor base plate.

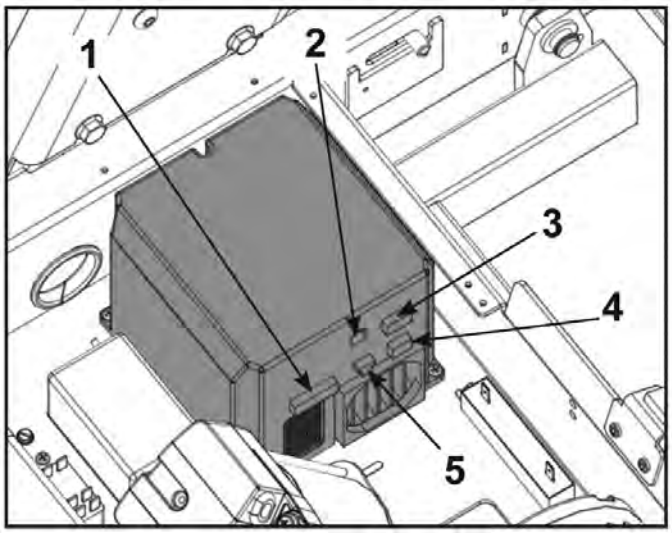


Item	Description	Qty.
1	Screws	4
2	Motor Base Plate	1
3	Motor Controller	1

2. Install the four screws that hold the motor controller to the motor base plate using a Phillips screwdriver.

Connect cables to motor controller

1. Connect the cables to the motor controller.
   This includes; the power in (INPUT), display cable (COMM.), elevation cable (INCLINE), drive motor cable (OUTPUT) and resistor (DB).

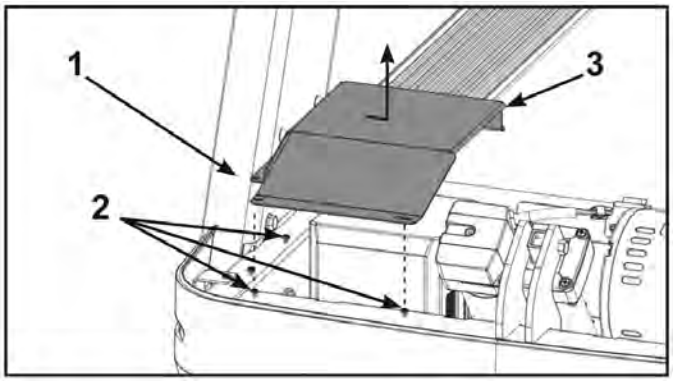


Item	Description	Qty.
1	Power In (INPUT)	1
2	Display Cable (COMM.)	1
3	Elevation Cable (INCLINE)	1
4	Drive Motor Cable (OUTPUT)	1
5	Resistor (DB)	1

2. Ensure all cables are connected firmly and securely in their proper place.

Install shield

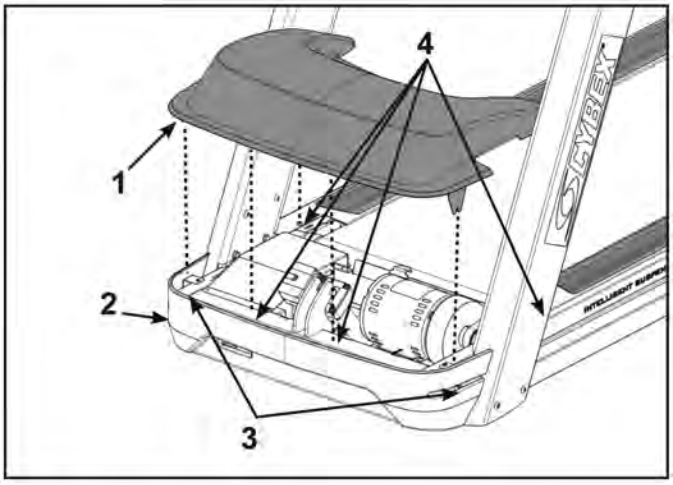
Using a Philips screwdriver tighten the seven screws securing the shield to the base.



Item	Description	Qty.
1	Base	1
2	Screws	7
3	Shield	1

Install motor cover

1. Place the motor cover into position vertically by aligning the two tabs and four plastic connectors. Two plastic connectors are mounted in the front cover and two in the motor cover. If motor cover top does not fit properly, loosen the side screws as needed.



Item	Description	Qty.
1	Motor Cover	1
2	Front Cover	1
3	Screws	2
4	Plastic Connectors	4

2. Tighten the two front cover screws using a Phillips screwdriver.
   Be sure the screws are securing the motor cover's tabs.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

Power Cord

Tools Required:
- Phillips screwdriver

Disconnect power source

1. Toggle the on/off (I/O) power switch to the off (O) position. The on/off (I/O) power switch is located under the front end of the unit, or on the front right side panel.

2. Unplug the treadmill from the power outlet.

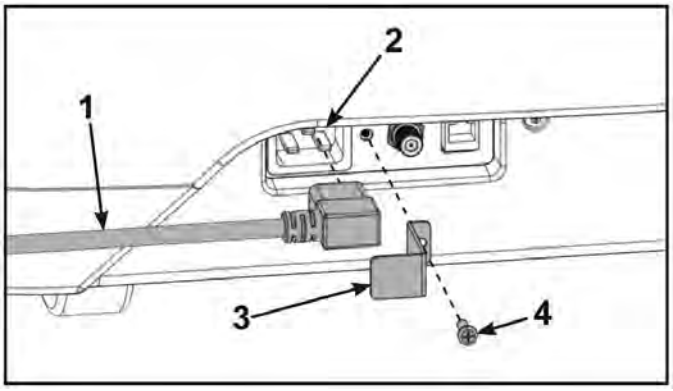
⚠WARNING

Shock and electrocution hazard.

- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Remove power cord

1. Remove the mounting screw securing the mounting bracket in place using a Phillips screwdriver.

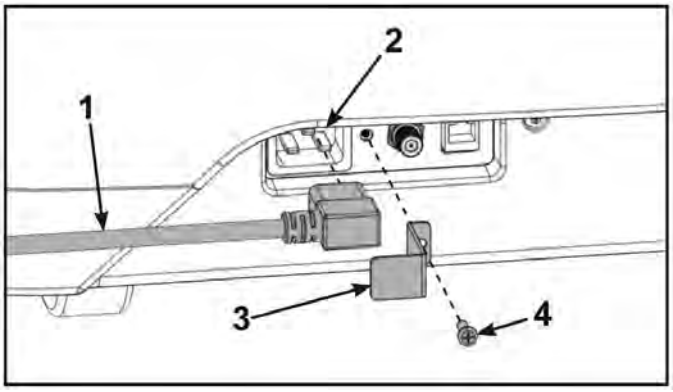


Item	Description	Qty.
1	Power Cord	1
2	Power Cord Inlet	1
3	Mounting Bracket	1
4	Mounting Screw	1

2. Unplug the power cord from the power cord inlet.
   Power cord may be routed through frame. See Owner's manual.

Install power cord

1. Plug the power cord into the power cord inlet.



Item	Description	Qty.
1	Power Cord	1
2	Power Cord Inlet	1
3	Mounting Bracket	1
4	Mounting Screw	1

2. Install the power cord with the mounting screw and mounting bracket using a Phillips screwdriver.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

On/Off Switch

Tools Required:
- Phillips screwdriver
- Flat head screwdriver

Disconnect power source

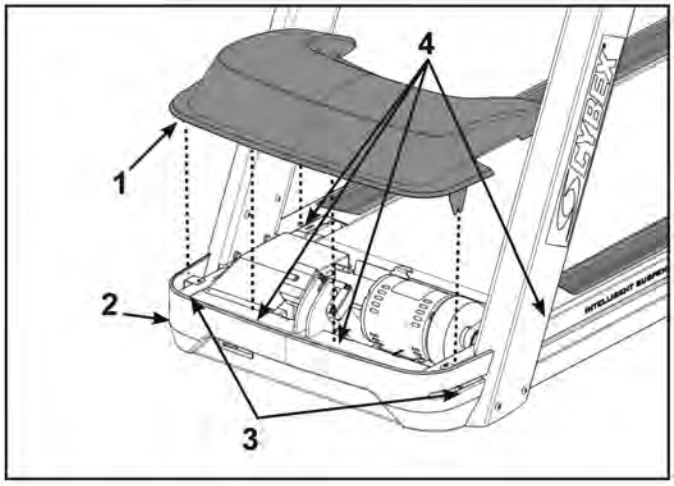
1. Toggle the on/off (I/O) power switch to the off (O) position. The on/off (I/O) power switch is located under the front end of the unit, or on the front right side panel.
2. Unplug the treadmill from the power outlet.

⚠WARNING

Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Remove motor cover

1. Loosen, but do not remove the two front cover screws securing the motor cover using a Phillips screwdriver.

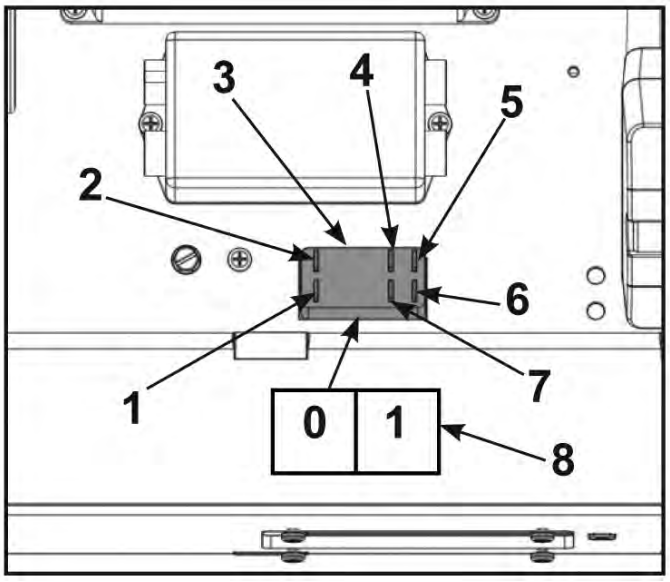


Item	Description	Qty.
1	Motor Cover	1
2	Front Cover	1
3	Screws	2
4	Plastic Connectors	4

2. Remove motor cover by carefully lifting vertically. Do not break the four plastic connectors.

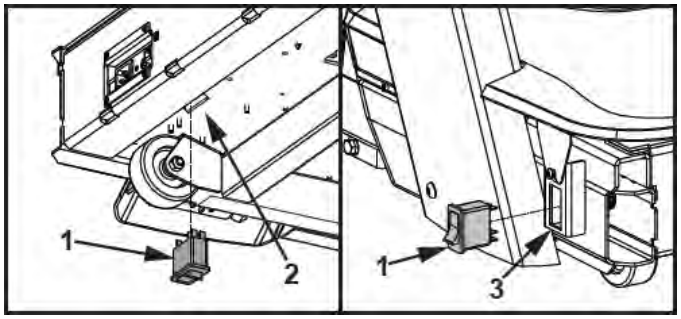
Remove On/Off switch
Take notice of which cables are connected to the On/Off switch.

1. Disconnect the six fast-on connectors that connect to the On/Off switch.



Item	Description	Qty.
1	To power inlet (White)	1
2	To power inlet (Black)	1
3	On/Off switch	1
4	To line filter (Black)	1
5	To power supply (Brown)	1
6	To power supply (Blue)	1
7	To line filter (White)	1
8	Position On/Off switch as shown	1

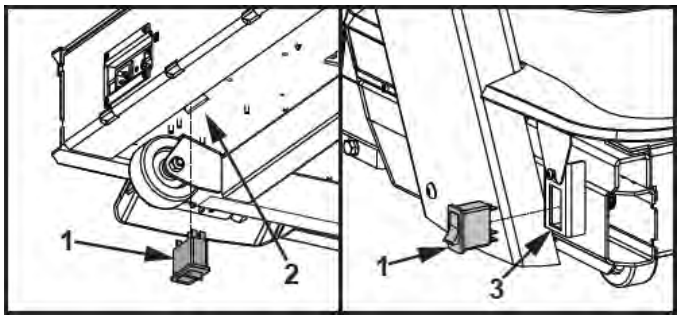
2. Press in the sides of the On/Off switch to remove it from the base plate using a flat head screwdriver.



Item	Description	Qty.
1	On/Off switch	1
2	Base plate	1
3	Side plate	1

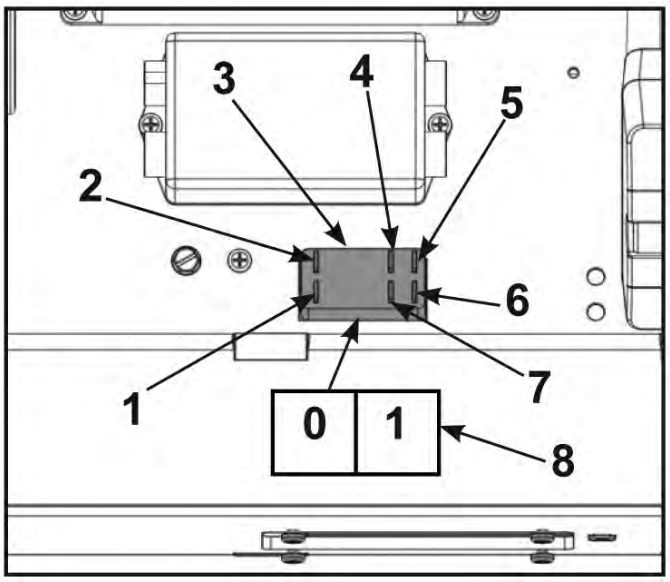
Install On/Off switch
Position On/Off switch as shown.

1. Insert the On/Off switch into the hole in the base plate.



Item	Description	Qty.
1	On/Off switch	1
2	Base plate	1
3	Side plate	1

2. Connect the two white fast-on connectors to the on/off switch.

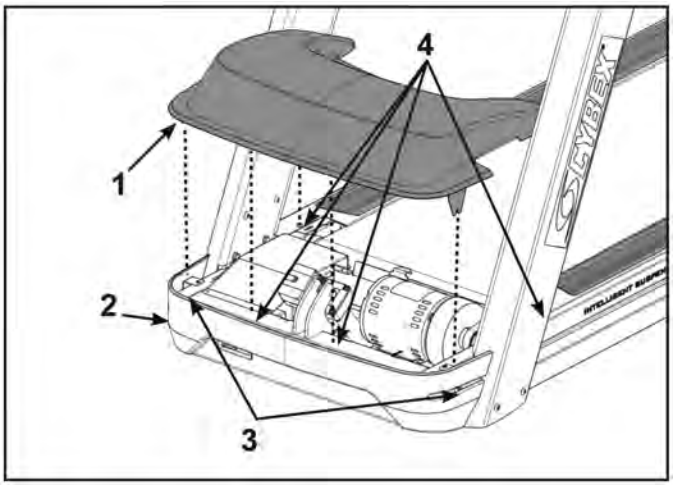


Item	Description	Qty.
1	To power inlet (White)	1
2	To power inlet (Black)	1
3	On/Off switch	1
4	To line filter (Black)	1
5	To power supply (Brown)	1
6	To power supply (Blue)	1
7	To line filter (White)	1
8	Position On/Off switch as shown	1

3. Connect the two black fast-on connectors to the on/off switch.
4. Connect the brown and blue fast-on connectors to the on/off switch.

Install motor cover

1. Place the motor cover into position vertically by aligning the two tabs and four plastic connectors. Two plastic connectors are mounted in the front cover and two in the motor cover. If motor cover top does not fit properly, loosen the side screws as needed.



Item	Description	Qty.
1	Motor Cover	1
2	Front Cover	1
3	Screws	2
4	Plastic Connectors	4

2. Tighten the two front cover screws using a Phillips screwdriver.
   Be sure the screws are securing the motor cover's tabs.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.

3. Operate the unit at all levels to verify proper operation.

Power Inlet

Tools Required:
- Phillips screwdriver
- Flat head screwdriver

Disconnect power source

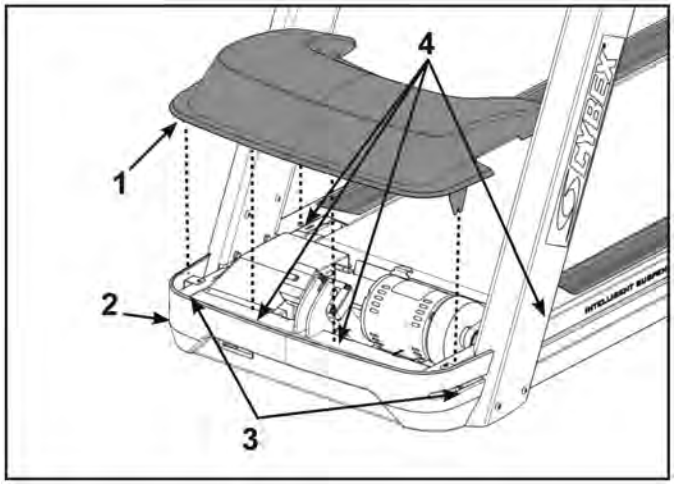
1. Toggle the on/off (I/O) power switch to the off (O) position. The on/off (I/O) power switch is located under the front end of the unit, or on the front right side panel.
2. Unplug the treadmill from the power outlet.

⚠WARNING

Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Remove motor cover

1. Loosen, but do not remove the two front cover screws securing the motor cover using a Phillips screwdriver.

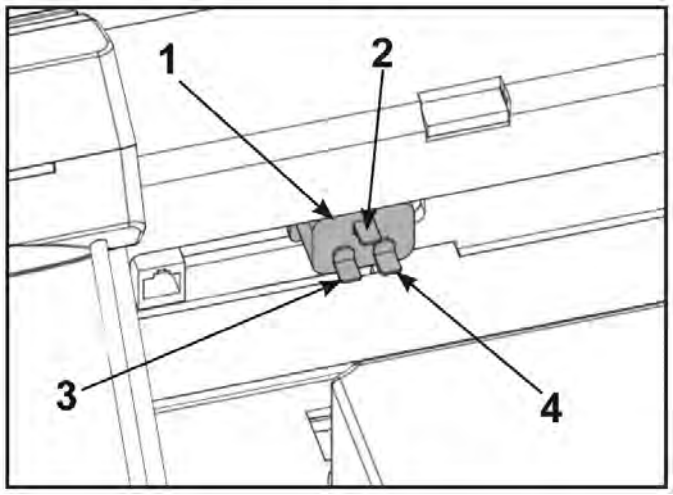


Item	Description	Qty.
1	Motor Cover	1
2	Front Cover	1
3	Screws	2
4	Plastic Connectors	4

2. Remove motor cover by carefully lifting vertically. Do not break the four plastic connectors.

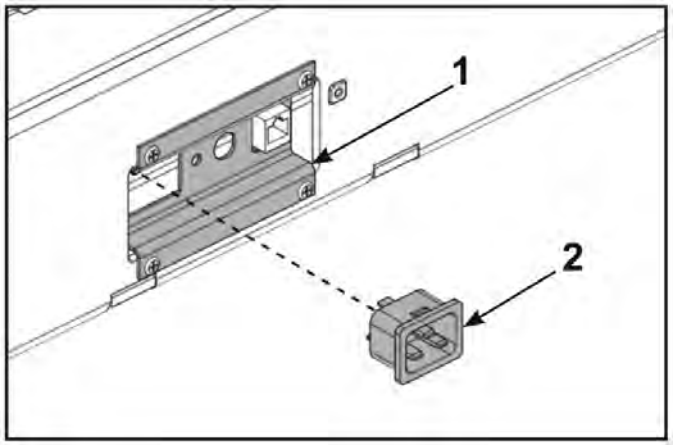
Remove power inlet
Take notice of which cables are connected to the power inlet.

1. Disconnect the three fast-on connectors that connect to the power inlet.



Item	Description	Qty.
1	Power Inlet	1
2	To Ground Stud (Green)	1
3	To On/Off Switch (White)	1
4	To On/Off Switch (Black)	1

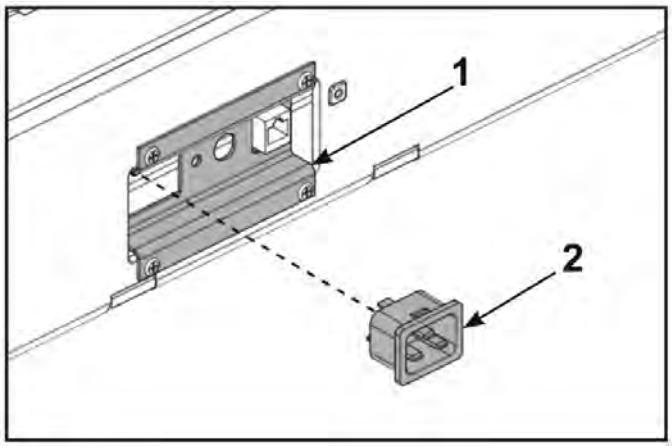
2. Press in the sides of the power inlet to remove it from the mounting plate using a flat head screwdriver.



Item	Description	Qty.
1	Mounting Plate	1
2	Power Inlet	1

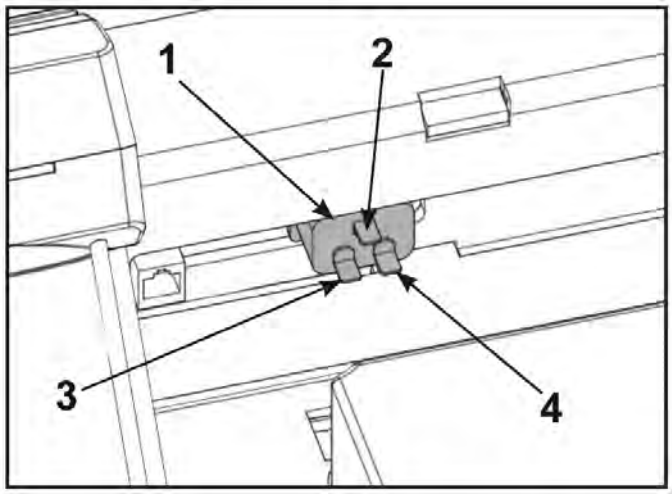
Install power inlet

1. Insert the new power inlet into the hole in the mounting plate.
   Ensure power inlet is positioned correctly.



Item	Description	Qty.
1	Mounting Plate	1
2	Power Inlet	1

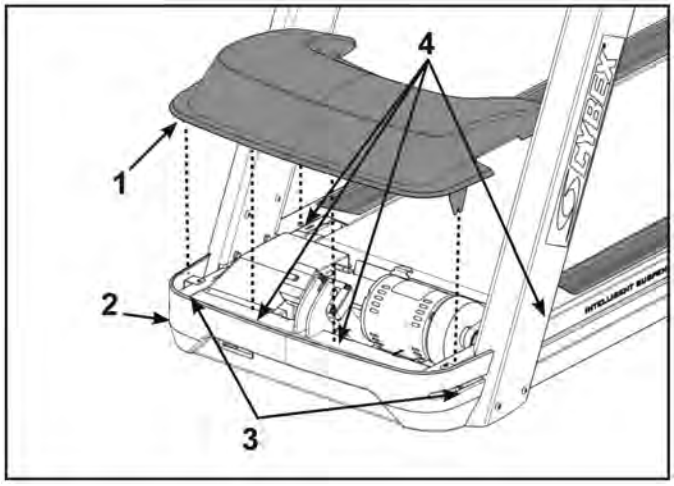
2. Connect the three fast-on connectors to the power inlet.
   Ensure cables are connected correctly.



Item	Description	Qty.
1	Power Inlet	1
2	To Ground Stud (Green)	1
3	To On/Off Switch (White)	1
4	To On/Off Switch (Black)	1

Install motor cover

1. Place the motor cover into position vertically by aligning the two tabs and four plastic connectors. Two plastic connectors are mounted in the front cover and two in the motor cover. If motor cover top does not fit properly, loosen the side screws as needed.



Item	Description	Qty.
1	Motor Cover	1
2	Front Cover	1
3	Screws	2
4	Plastic Connectors	4

2. Tighten the two front cover screws using a Phillips screwdriver.
   Be sure the screws are securing the motor cover's tabs.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

Line Filter

Tools Required:
- Phillips screwdriver

Disconnect power source

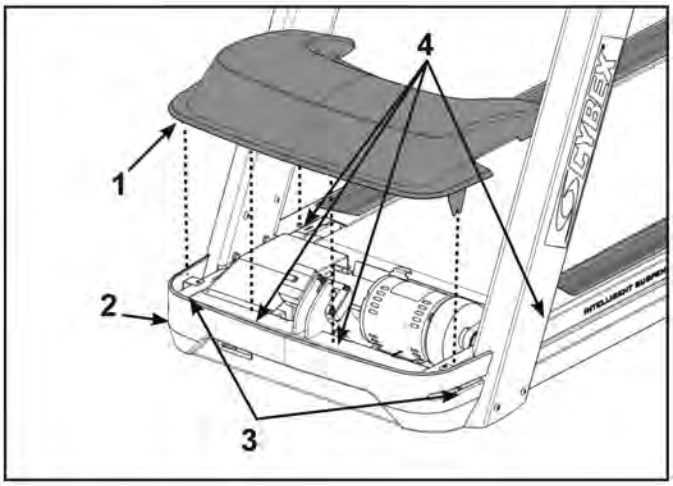
Unplug the power cord from the power outlet.

⚠WARNING

Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Remove motor cover

1. Loosen, but do not remove the two front cover screws securing the motor cover using a Phillips screwdriver.

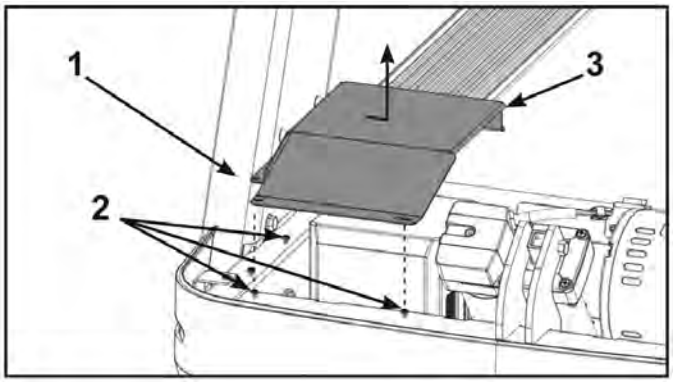


Item	Description	Qty.
1	Motor Cover	1
2	Front Cover	1
3	Screws	2
4	Plastic Connectors	4

2. Remove motor cover by carefully lifting vertically. Do not break the four plastic connectors.

Remove shield

1. Loosen, but do not remove the seven screws securing the shield to the base using a Phillips screwdriver.

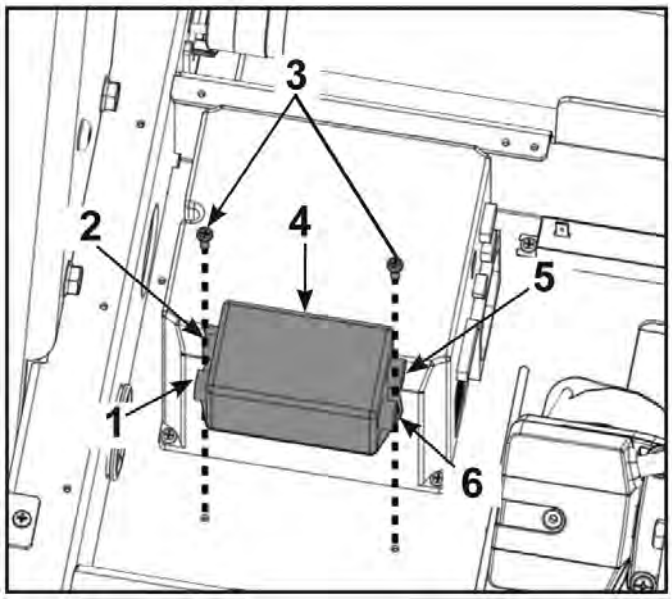


Item	Description	Qty.
1	Base	1
2	Screws	7
3	Shield	1

2. Remove shield by sliding sideways and then vertically off of base.

Remove line filter
Take notice of which cables are connected to the line filter.

1. Disconnect the two fast-ons connectors that go from the line filter to the motor controller.

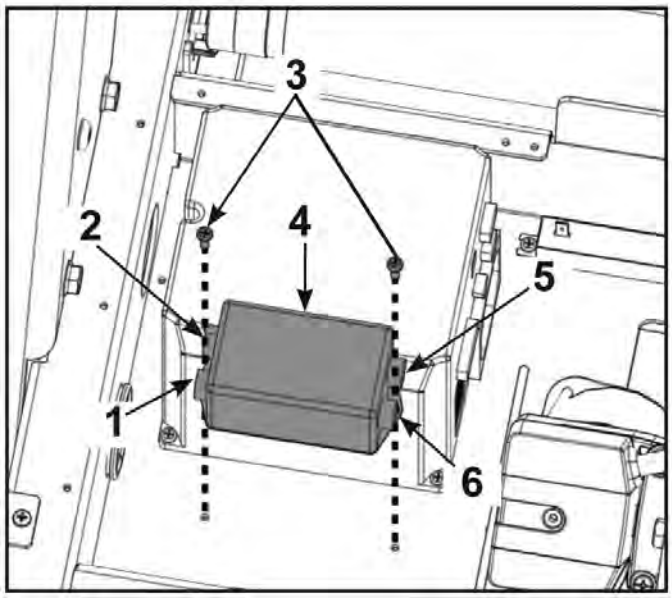


Item	Description	Qty.
1	To On/Off Switch (White)	1
2	To On/Off Switch (Black)	1
3	Screw	2
4	Line Filter	1
5	To Controller (Black)	1
6	To Controller (White)	1

2. Disconnect the two fast-ons connectors that go from the line filter to the On/Off switch.
3. Remove the two screws that hold the line filter to the base plate using a Phillips screwdriver.

Install line filter

1. Place the new line filter in position on the motor base plate.



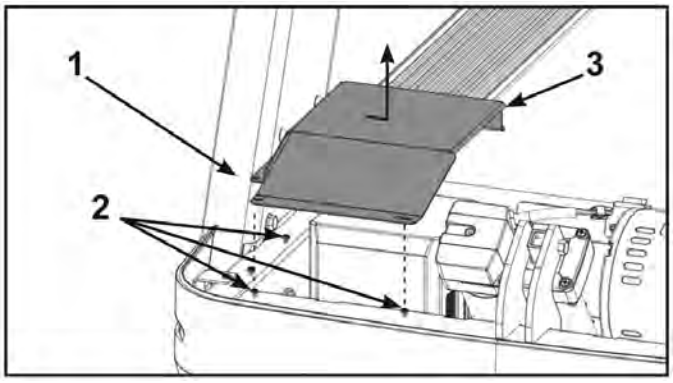
Item	Description	Qty.
1	To On/Off Switch (White)	1
2	To On/Off Switch (Black)	1
3	Screw	2
4	Line Filter	1
5	To Controller (Black)	1
6	To Controller (White)	1

2. Install the two screws that hold the line filter to the base plate using a Phillips screwdriver.
3. Connect the white cable from the On/Off switch to the terminal on the line filter.
4. Connect the black cable from the On/Off switch to the terminal on the line filter.
5. Connect the white cable from the motor controller to the terminal on the line filter.

6. Connect the black cable from the motor controller to the terminal on the line filter.

Install shield

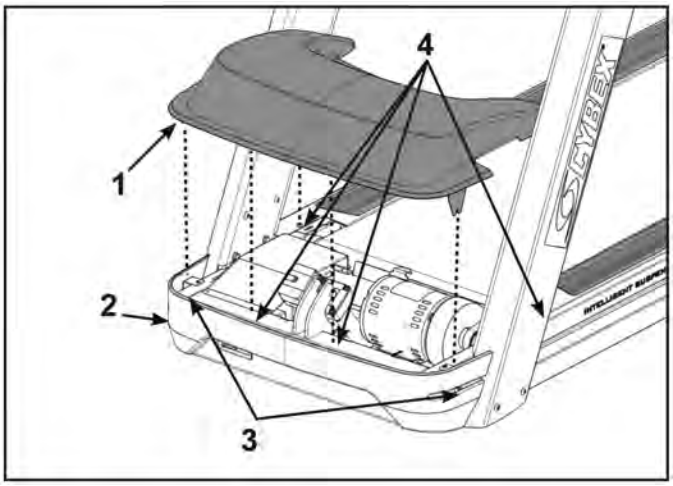
Using a Philips screwdriver tighten the seven screws securing the shield to the base.



Item	Description	Qty.
1	Base	1
2	Screws	7
3	Shield	1

Install motor cover

1. Place the motor cover into position vertically by aligning the two tabs and four plastic connectors. Two plastic connectors are mounted in the front cover and two in the motor cover. If motor cover top does not fit properly, loosen the side screws as needed.



Item	Description	Qty.
1	Motor Cover	1
2	Front Cover	1
3	Screws	2
4	Plastic Connectors	4

2. Tighten the two front cover screws using a Phillips screwdriver.
Be sure the screws are securing the motor cover's tabs.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

Incline Motor

Tools Required:
- Phillips screwdriver
- Block, 4" (10 cm) (2)
- 9/16” Open end wrench
- 9/16” Socket wrench
- Tape measure

Disconnect power source

1. Toggle the on/off (I/O) power switch to the off (O) position. The on/off (I/O) power switch is located under the front end of the unit, or on the front right side panel.
2. Unplug the treadmill from the power outlet.

⚠WARNING

Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Place blocks under frame

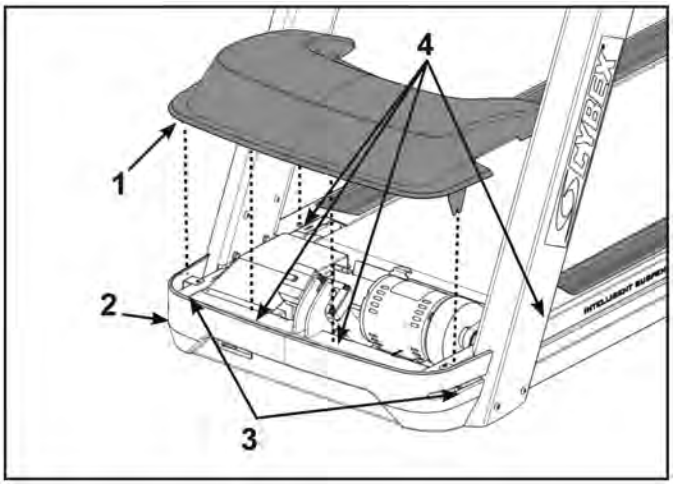
⚠WARNING

Heavy equipment.
- At least two people must lift, move or assemble unit.
- Use safe lifting methods.

Lift the front of the treadmill with two people, have a third person place a 4" (10 cm) block under each side of the frame to support the front end of the treadmill. This will get the weight of the treadmill off the elevation wheels and provide support.

Remove motor cover

1. Loosen, but do not remove the two front cover screws securing the motor cover using a Phillips screwdriver.

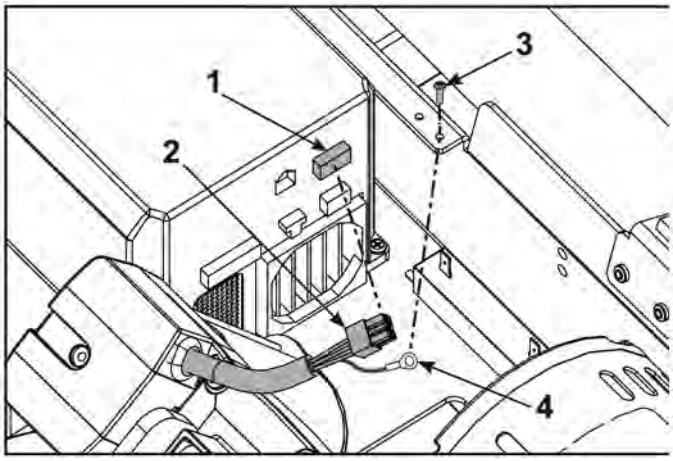


Item	Description	Qty.
1	Motor Cover	1
2	Front Cover	1
3	Screws	2
4	Plastic Connectors	4

2. Remove motor cover by carefully lifting vertically. Do not break the four plastic connectors.

Disconnect incline motor cable

1. Remove the ground wire screw securing the ground wire using a Phillips screwdriver.



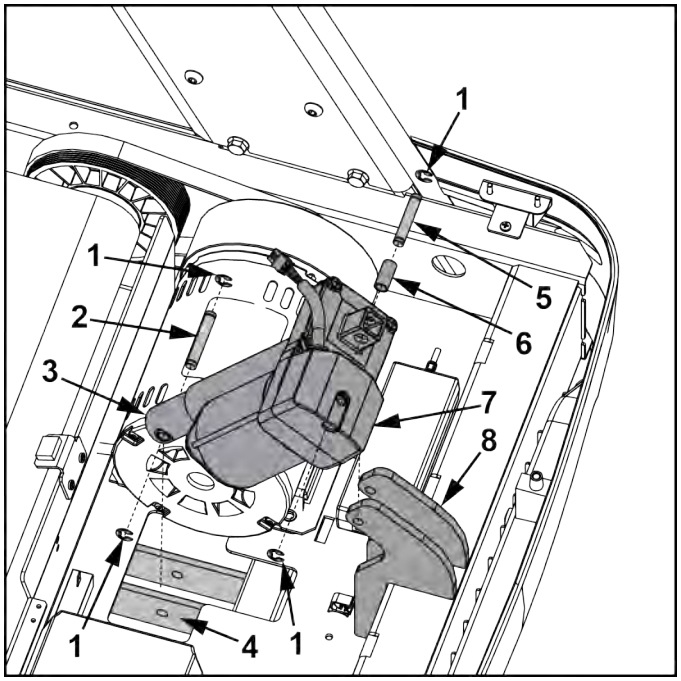
Item	Description	Qty.
1	Motor Controller Connector	1
2	Incline Motor Cable	1
3	Ground Wire Screw	1
4	Ground Wire	1

2. Disconnect the incline motor cable by un-latching the connector from the motor controller connector.

Remove elevation motor

Older models use bolts, sleeves, and nuts to secure the tube nut. If used, these will be discarded and replaced with shafts and retaining rings. Use a 9/16" Open end wrench and a 9/16" socket wrench for removal.

1. Remove a retaining ring from the tube nut shaft using a flat head screwdriver.



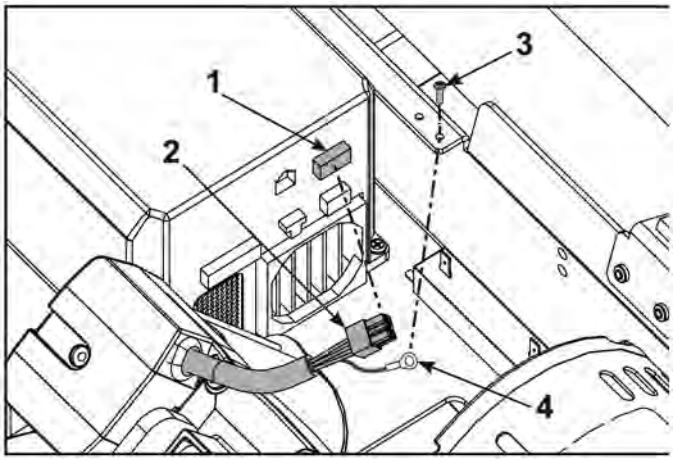
Item	Description	Qty.
1	Retaining ring	4
2	Tube nut shaft	1
3	Tube nut	1
4	Tube nut mounts	1
5	Motor mount shaft	1
6	Sleeve	1
7	Elevation motor	1
8	Frame mounts	1

2. Slide the shaft out of the tube nut mounts.
3. Remove a retaining ring from the motor mount shaft using a flat head screwdriver. Hold the motor while you remove the shaft so that the motor doesn't fall.

4. Lift and remove the elevation motor from the treadmill.

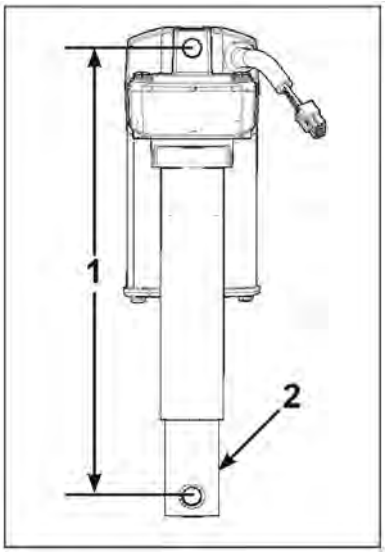
Calibrate Incline motor 525T

1. Plug the incline motor cable into the motor controller connector.



Item	Description	Qty.
1	Motor Controller Connector	1
2	Incline Motor Cable	1
3	Ground Wire Screw	1
4	Ground Wire	1

2. Install the ground wire screw securing the ground wire using a Phillips screwdriver.
3. Connect the main power cord into the power outlet.
4. Turn the main power switch to the on (I) position.
   The incline motor will now rotate to find the zero percent position.
5. Wait for the incline motor to stop turning.
6. Turn the tube nut with your fingers until it measures the correct center to center length. This length is measured from the center of the top hole to the center of the bottom hole.

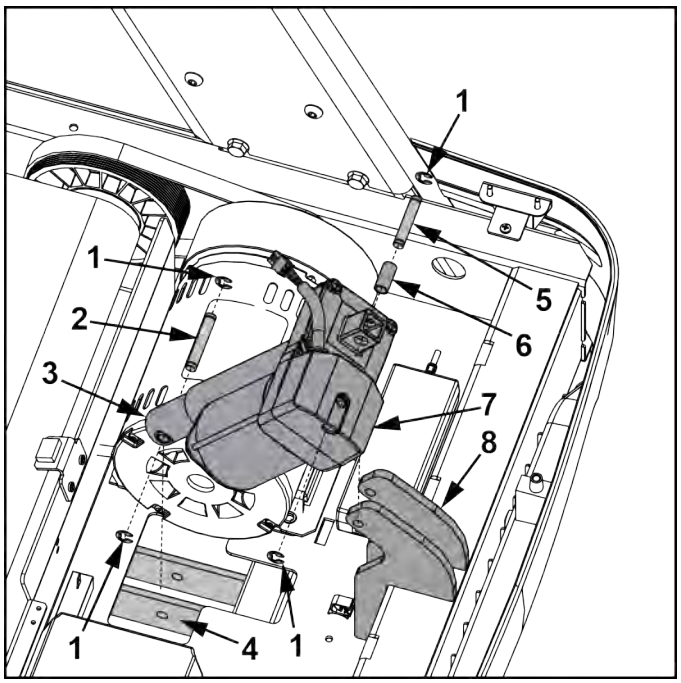


Item	Description	Qty.
1	Center to center length	11.75” (29.8 cm)
2	Tube Nut	1

7. Unplug the power cord from the power outlet.

Install incline motor

1. Place the elevation motor in position on the treadmill.



Item	Description	Qty.
1	Retaining ring	4
2	Tube nut shaft	1
3	Tube nut	1
4	Tube nut mounts	1
5	Motor mount shaft	1
6	Sleeve	1
7	Elevation motor	1
8	Frame mounts	1

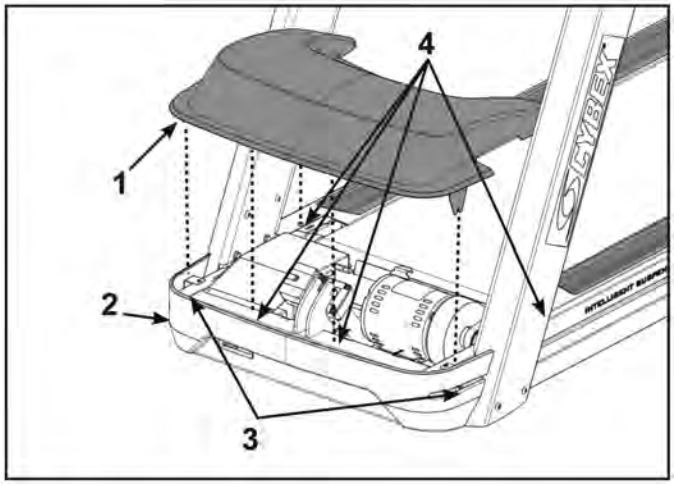
2. Install one retaining ring on the motor mount shaft and one on the tube nut shaft.
3. Apply white lithium grease to the motor mount and tube nut shafts.
4. Slide the motor mount shaft into the frame mounts and elevation motor.
5. Slide the tube nut shaft into the tube nut mounts and tube nut.
6. Install retaining rings to secure the motor mount and tube nut shafts.

Test elevation motor

1. Plug the power cord into the power outlet.
2. Start the treadmill in Manual Mode and raise the elevation until the 4" (10 cm) blocks can be removed.
3. Remove the 4" (10 cm) blocks.
4. Lower the elevation to zero percent.
5. Unplug the power cord from the power outlet.

Install motor cover

1. Place the motor cover into position vertically by aligning the two tabs and four plastic connectors. Two plastic connectors are mounted in the front cover and two in the motor cover. If motor cover top does not fit properly, loosen the side screws as needed.



Item	Description	Qty.
1	Motor Cover	1
2	Front Cover	1
3	Screws	2
4	Plastic Connectors	4

2. Tighten the two front cover screws using a Phillips screwdriver. Be sure the screws are securing the motor cover's tabs.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

Console Assembly

Display Board

Tools Required:
- Phillips screwdriver
- ESD (Electrostatic Discharge) grounding strap
- USB stick (CP-23199)

Disconnect power source

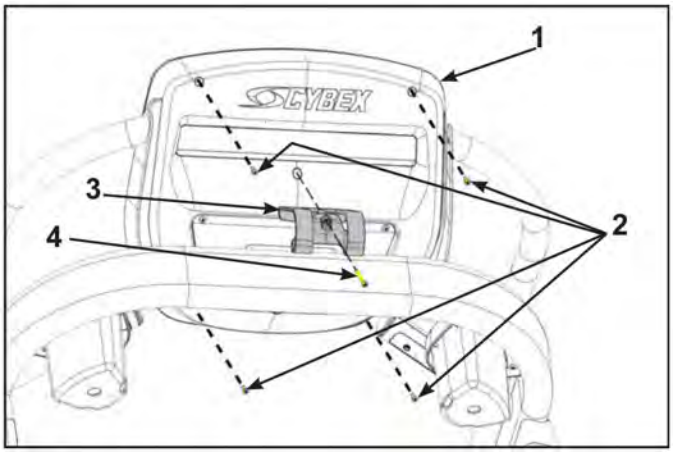
Unplug the power cord from the power outlet.

⚠WARNING

Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

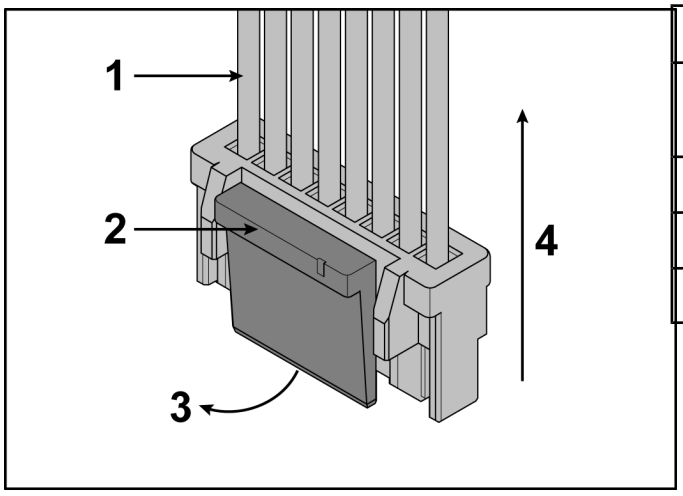
Remove front cover

1. Remove the four short screws and one long screw securing the front cover and iPad clip to the console assembly using a Phillips screwdriver.



Item	Description	Qty.
1	Console assembly	1
2	Short screws	4
3	iPad clip	1
4	Long screw	1

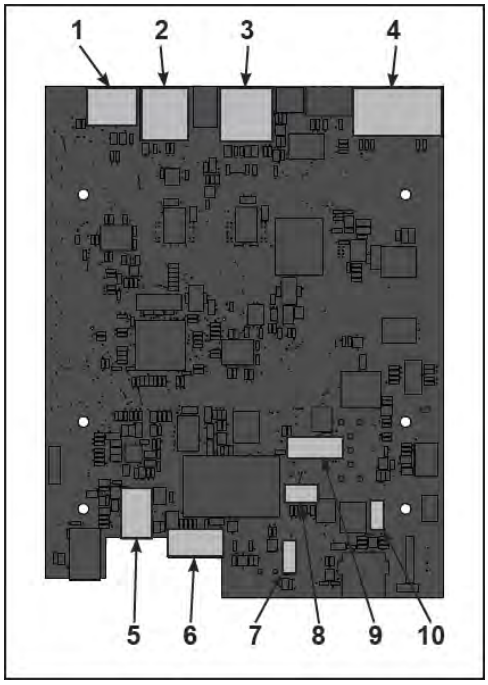
2. Unplug cables from MCC board by un-latching connectors with the following procedure:
   a) Press in the top of the cable connector.



Item	Description	Qty.
1	DO NOT PULL CONNEC-TOR OUT BY THE WIRES!	1
2	Step a, Latch	1
3	Step b	1
4	Step c	1

   b) Ensure latch disengages the connector.
   c) Unplug cable by holding down latch and pulling straight out from connector. Do not pull on wires, remove by connector.

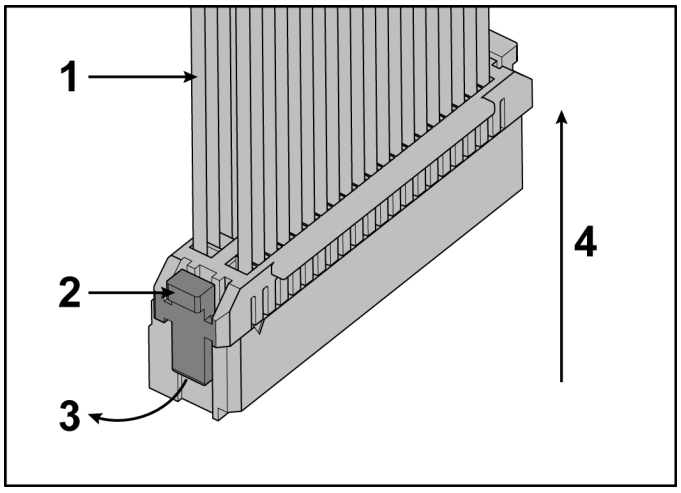
MCC board cables



Item	Description	Qty.
1	MYE/BV, Gray	1
2	CSAFE, Red	1
3	Console cable	1
4	Upper display	1
5	Headphone jack	1
6	iPod (optional)	1
7	Heart rate	1
8	Handset membrane	1
9	iPod board assembly (optional)	1
10	E-stop switch	1

3. Unplug optional iPod cable.
The iPod cable is held in place by a notch in the access cover.

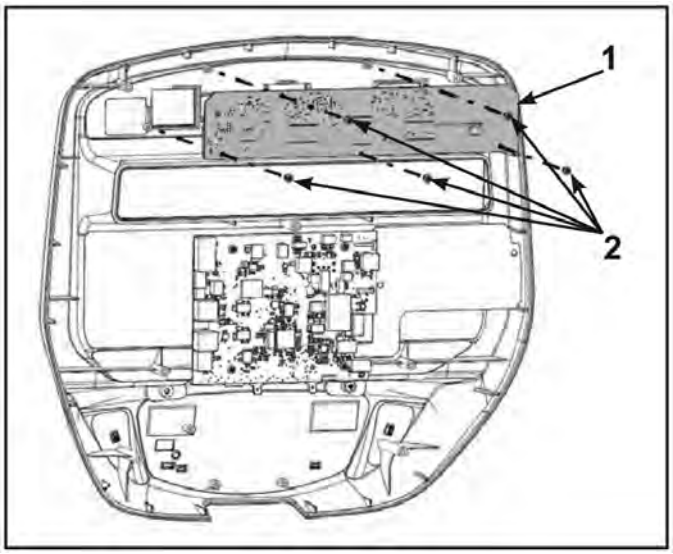
a) Press in both side latches of cable connector.



b) Ensure latches disengage from the connector.
c) Unplug cable by holding down latches on both sides and pulling straight out from connector. Do not pull on wires, remove by connector.

Remove display board

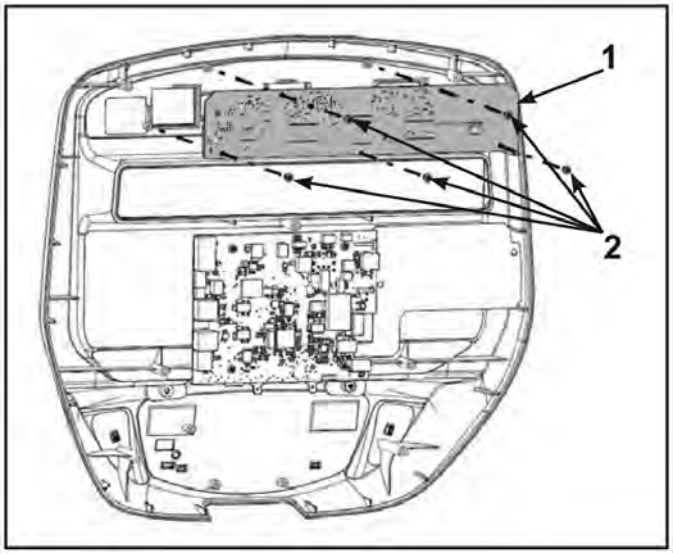
Remove the five screws securing the upper display board to the bezel using a Phillips screwdriver.



Item	Description	Qty.
1	Display board	1
2	Screw	5

Install display board

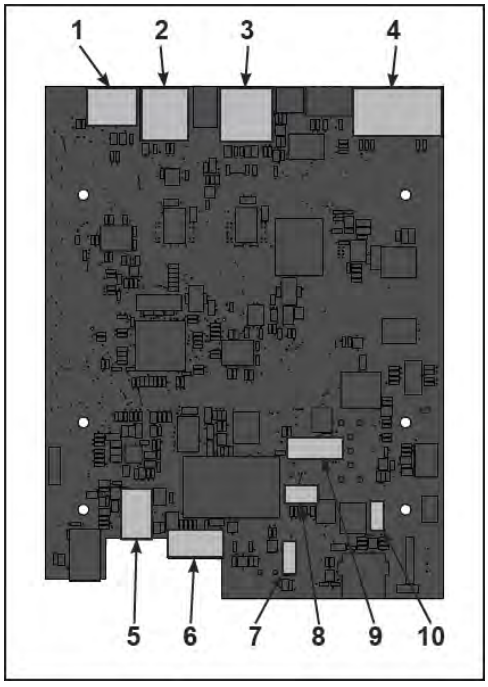
1. Install the five screws securing the upper display board to the bezel using a Phillips screwdriver.



Item	Description	Qty.
1	Display board	1
2	Screw	5

2. Plug the cables into the MCC board.

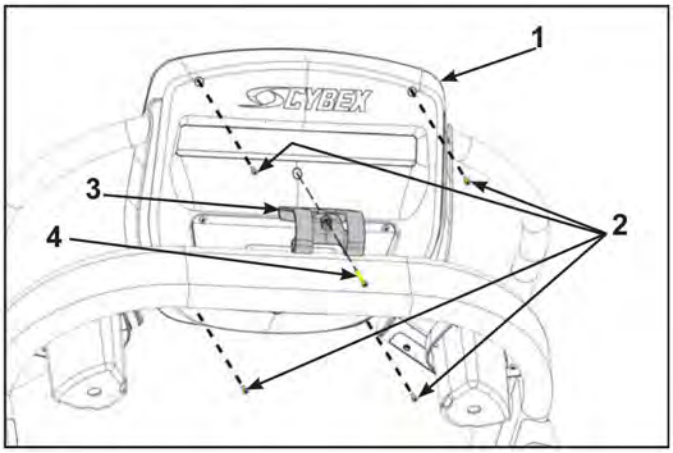
MCC board cables



Item	Description	Qty.
1	MYE/BV, Gray	1
2	CSAFE, Red	1
3	Console cable	1
4	Upper display	1
5	Headphone jack	1
6	iPod (optional)	1
7	Heart rate	1
8	Handset membrane	1
9	iPod board assembly (optional)	1
10	E-stop switch	1

Install front cover

Install the four short screws and one long screw securing the front cover and iPad clip to the console assembly using a Phillips screwdriver.



Item	Description	Qty.
1	Console assembly	1
2	Short screws	4
3	iPad clip	1
4	Long screw	1

Update software

Update software using the following *procedure*.

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.

3. Operate the unit at all levels to verify proper operation.

E3 View Monitor

Tools Required:
- Phillips screwdriver
- 11/32” Nut driver
- ESD (Electrostatic Discharge) grounding strap

Disconnect power source

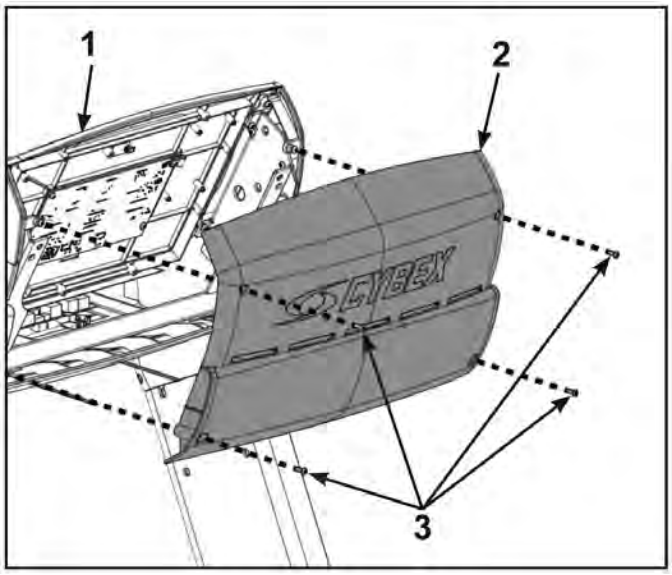
Unplug the power cord from the power outlet.

⚠WARNING

Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

Remove back cover

Remove four screws securing back cover to console assembly using a Phillips screwdriver.

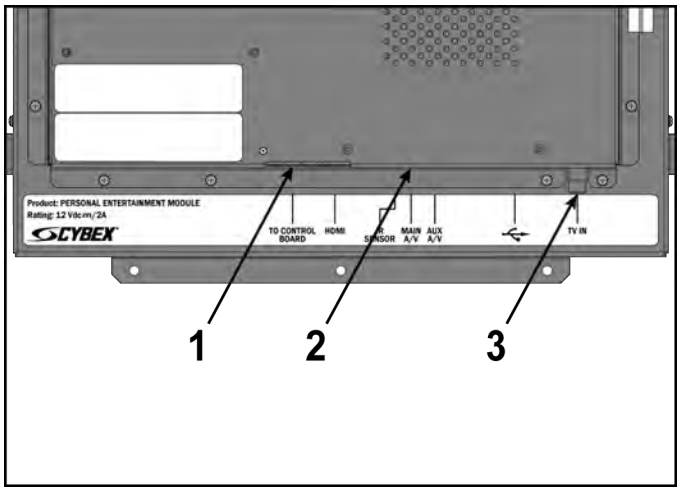


Item	Description	Qty.
1	Console Assembly	1
2	Back Cover	1
3	Screws	4

Remove E3 View Monitor

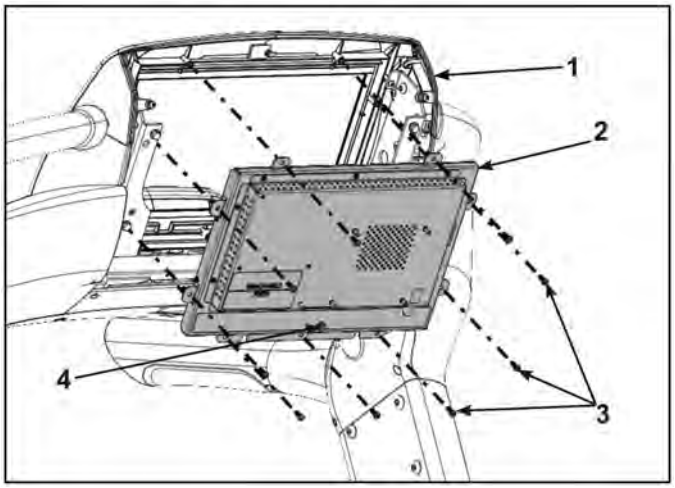
1. Unplug IR receiver cable from E3 View Monitor.

2. Unplug control board cable and Audio Visual cable from the E3 View monitor.



Item	Description	Qty.
1	Control board cable	1
2	A/V cable	1
3	Coax cable	1

3. Unscrew the coax cable from the E3 View monitor.
4. Remove the ground cable from the E3 View monitor using an 11/32” nut driver.



Item	Description	Qty.
1	Console Assembly	1
2	E3 View Monitor	1
3	Screw	9
4	Ground wire screw	1

5. **NOTICE** Component damage. Do not touch front of E3 View Monitor. Oil from fingertips will mark screen.

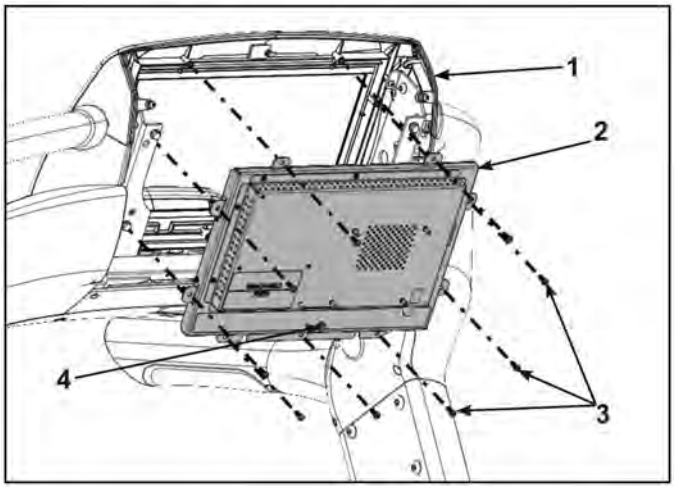
Remove the nine screws securing the E3 View Monitor to the console using a Phillips screwdriver.

Install E3 View Monitor

1. **NOTICE** Component damage. Do not touch front of E3 View Monitor. Oil from fingertips will mark screen.

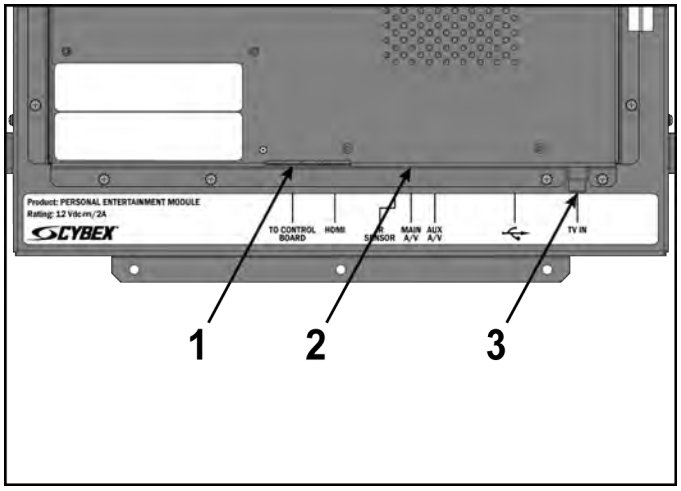
Remove protective cover from new E3 View monitor screen and place on old E3 View monitor.

2. Install the nine screws securing the E3 View Monitor to the console using a Phillips screwdriver.



Item	Description	Qty.
1	Console Assembly	1
2	E3 View Monitor	1
3	Screw	9
4	Ground wire screw	1

3. Install the ground cable to the E3 View monitor using an 11/32” nut driver.
4. Screw the A/V and coax cables into the E3 View monitor.

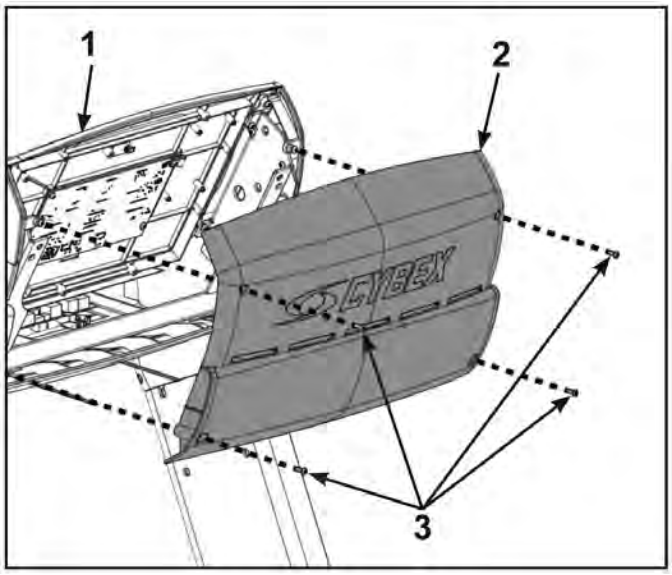


Item	Description	Qty.
1	Control board cable	1
2	A/V cable	1
3	Coax cable	1

5. Plug IR receiver cable into E3 View Monitor.

Install back cover

Install the four screws securing the back cover to the console assembly using a Phillips screwdriver.



Item	Description	Qty.
1	Console Assembly	1
2	Back Cover	1
3	Screws	4

Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

MCC Board

Tools Required:
- Phillips screwdriver
- ESD (Electrostatic Discharge) grounding strap
- USB stick (CP-23199)

Disconnect power source

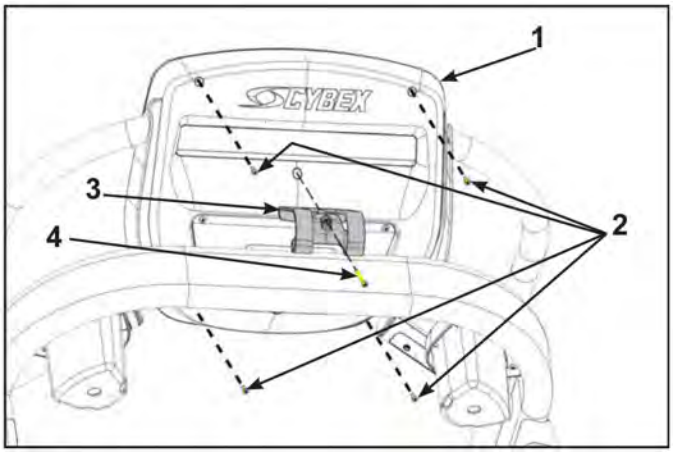
Unplug the power cord from the power outlet.

⚠WARNING

Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

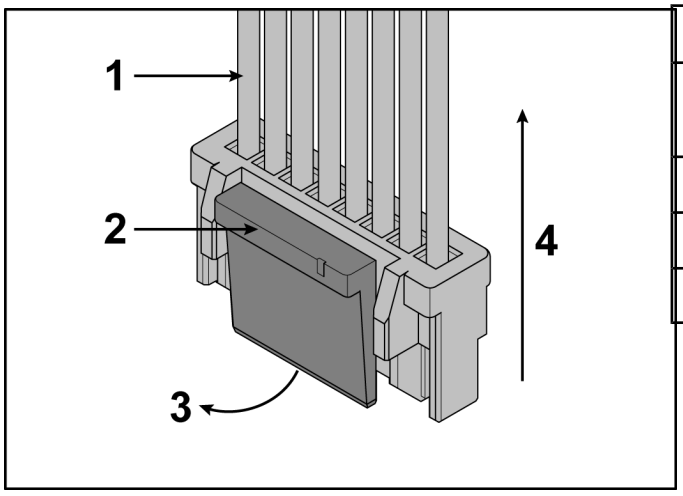
Remove front cover

1. Remove the four short screws and one long screw securing the front cover and iPad clip to the console assembly using a Phillips screwdriver.



Item	Description	Qty.
1	Console assembly	1
2	Short screws	4
3	iPad clip	1
4	Long screw	1

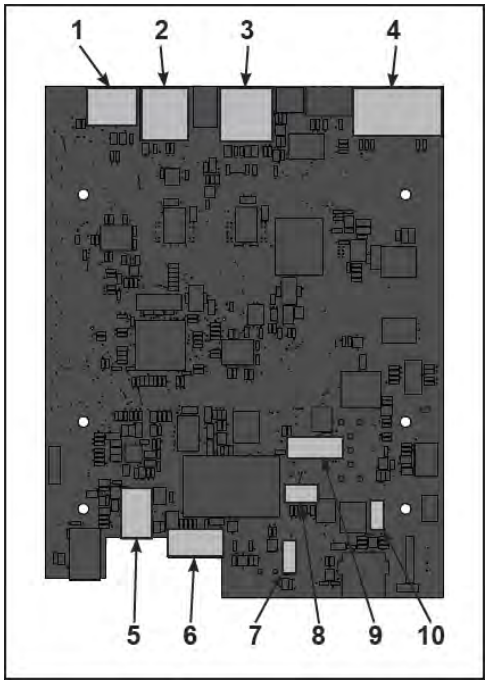
2. Unplug cables from MCC board by un-latching connectors with the following procedure:
   a) Press in the top of the cable connector.



Item	Description	Qty.
1	DO NOT PULL CONNEC-TOR OUT BY THE WIRES!	1
2	Step a, Latch	1
3	Step b	1
4	Step c	1

   b) Ensure latch disengages the connector.
   c) Unplug cable by holding down latch and pulling straight out from connector. Do not pull on wires, remove by connector.

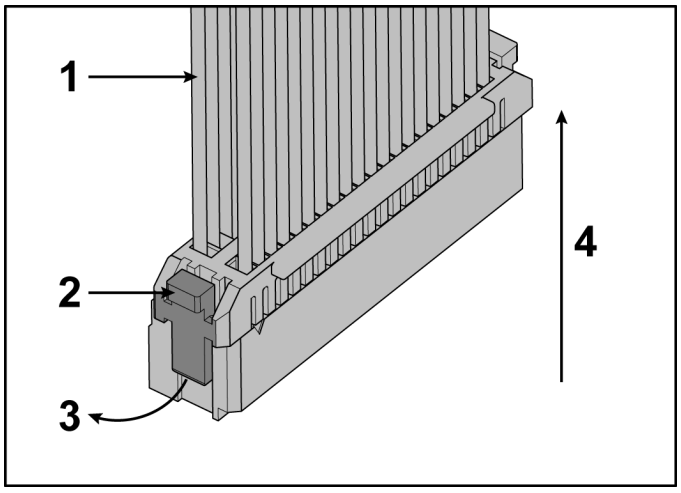
MCC board cables



Item	Description	Qty.
1	MYE/BV, Gray	1
2	CSAFE, Red	1
3	Console cable	1
4	Upper display	1
5	Headphone jack	1
6	iPod (optional)	1
7	Heart rate	1
8	Handset membrane	1
9	iPod board assembly (optional)	1
10	E-stop switch	1

3. Unplug optional iPod cable.
The iPod cable is held in place by a notch in the access cover.

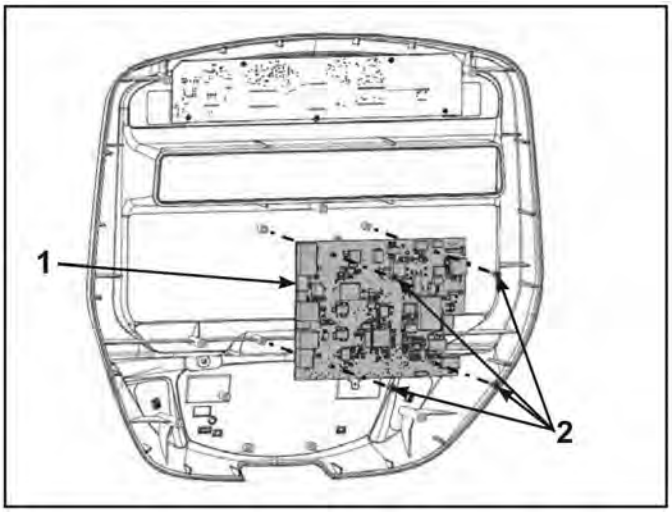
a) Press in both side latches of cable connector.



b) Ensure latches disengage from the connector.
c) Unplug cable by holding down latches on both sides and pulling straight out from connector. Do not pull on wires, remove by connector.

Remove MCC board

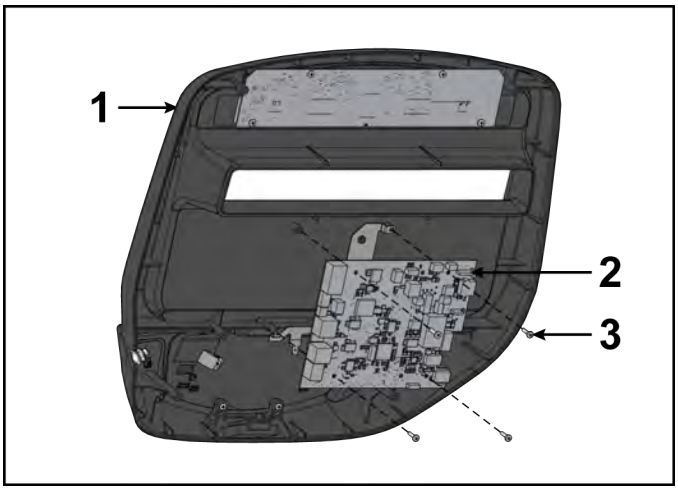
Remove the four screws securing the MCC board to the bezel using a Phillips screwdriver.



Item	Description	Qty.
1	MCC board	1
2	Screw	4

Install MCC board

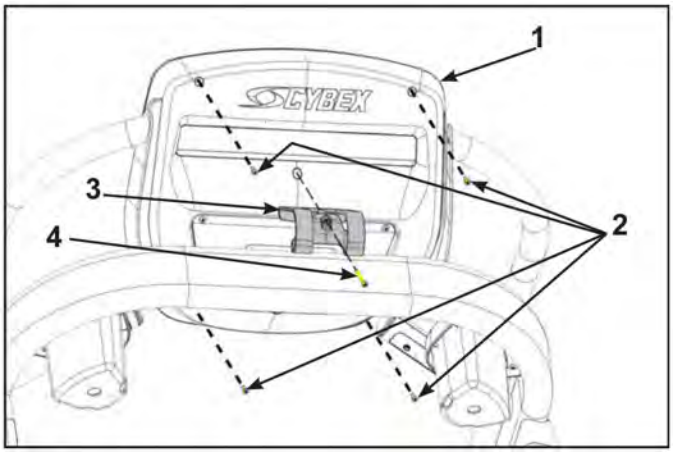
Install the four screws securing the new MCC board to the bezel using a Phillips screwdriver.



Item	Description	Qty
1	Bezel	1
2	MCC board	1
3	Screws	4

Install front cover

Install the four short screws and one long screw securing the front cover and iPad clip to the console assembly using a Phillips screwdriver.



Item	Description	Qty.
1	Console assembly	1
2	Short screws	4
3	iPad clip	1
4	Long screw	1

Update software

Update software using the following *procedure*.

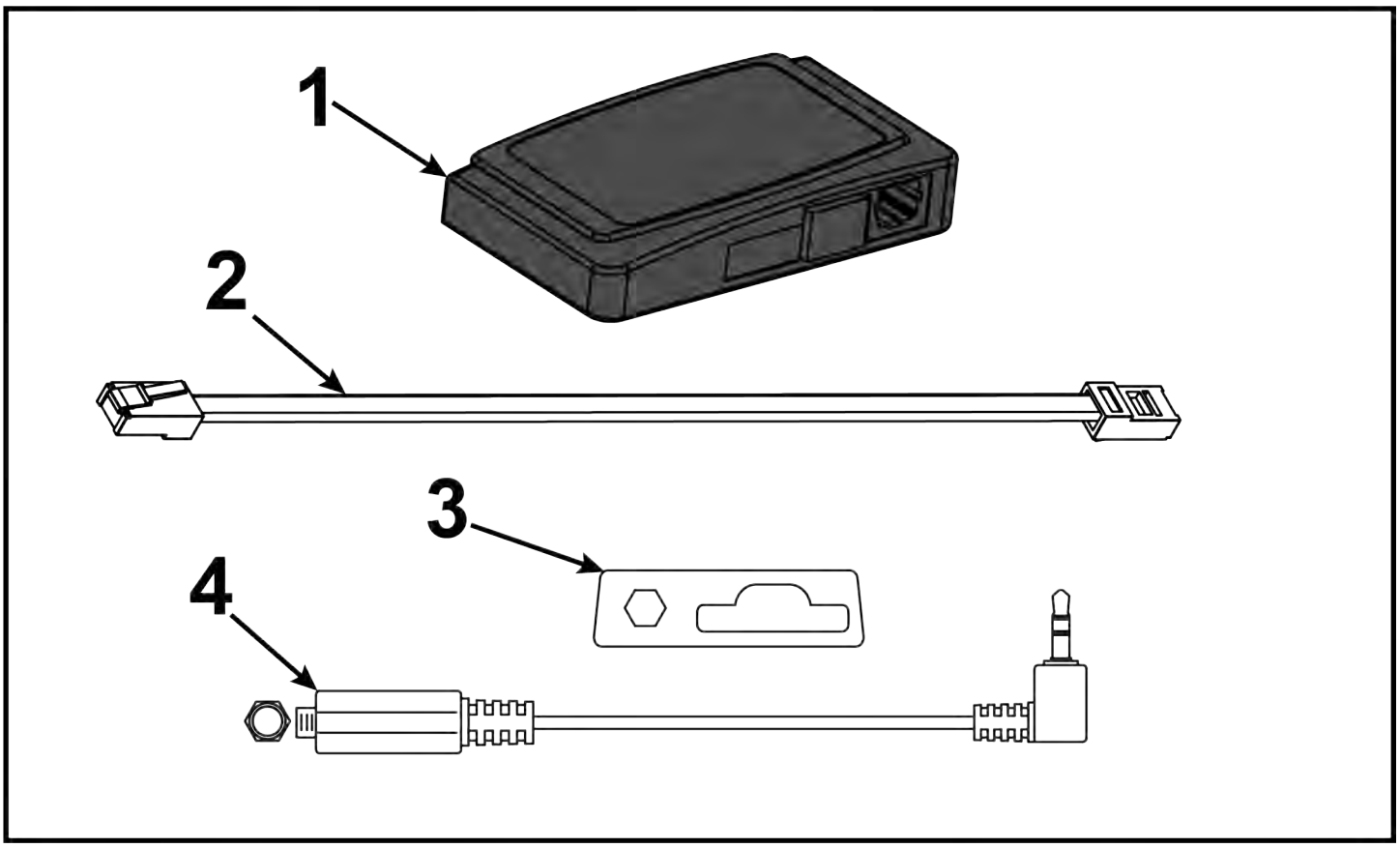
Complete installation

1. Plug the power cord into the power outlet.
2. Verify the power cord is not being pinched under the front of the treadmill.
3. Operate the unit at all levels to verify proper operation.

Wireless Audio Receiver Module

Tools Required:
- Phillips screwdriver
- Utility knife
- ESD (Electrostatic Discharge) grounding strap

Parts required to install Wireless Audio Receiver Module.



Item	Description	Qty.
1	MYE Universal Receiver Module 900/800 MHz, AD-26036	1
2	Cable, RJ45, AW-23501	1
3	Decal, DE-23639	1
4	Cable, Headphone Jack, AW-23862	1

Disconnect Power Source

Unplug the power cord from the power outlet.

WARNING

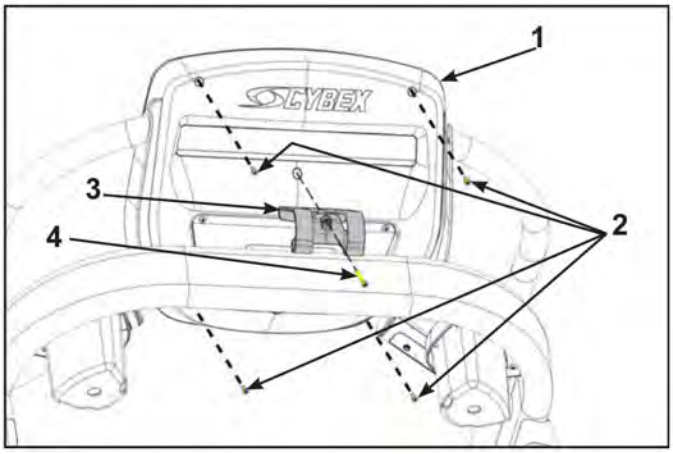
Shock and electrocution hazard.
- Unplug unit and let sit 10 minutes before cleaning or performing maintenance.
- Electrical charge can remain in unit after unplugging.
- Keep water and liquids away from electrical parts.

NOTICE

Component damage.Wear an ESD grounding strap during this procedure. Connect ESD grounding strap to frame bolts or unpainted metal of frame. If ESD grounding strap is not available, touch frame bolts or unpainted metal of frame before handling any electronics.

Remove front cover

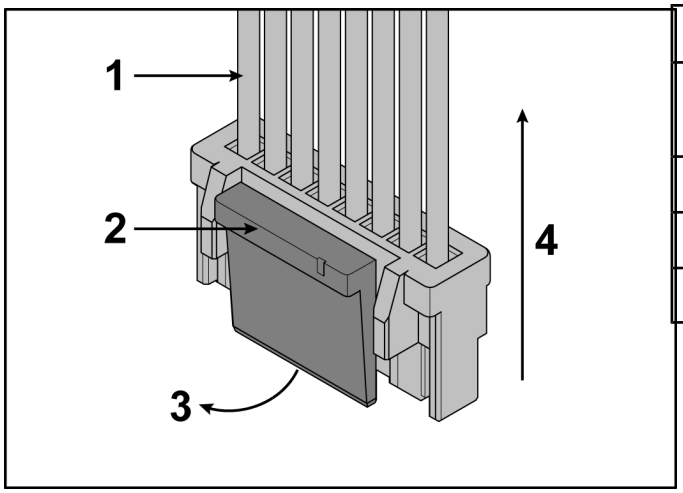
1. Remove the four short screws and one long screw securing the front cover and iPad clip to the console assembly using a Phillips screwdriver.



Item	Description	Qty.
1	Console assembly	1
2	Short screws	4
3	iPad clip	1
4	Long screw	1

2. Unplug cables from MCC board by un-latching connectors with the following procedure:

a) Press in the top of the cable connector.

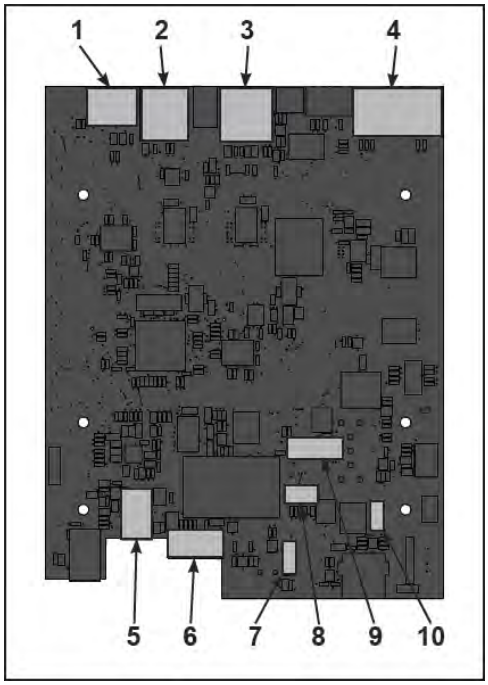


Item	Description	Qty.
1	DO NOT PULL CONNECTOR OUT BY THE WIRES!	1
2	Step a, Latch	1
3	Step b	1
4	Step c	1

b) Ensure latch disengages the connector.

c) Unplug cable by holding down latch and pulling straight out from connector. Do not pull on wires, remove by connector.

MCC board cables

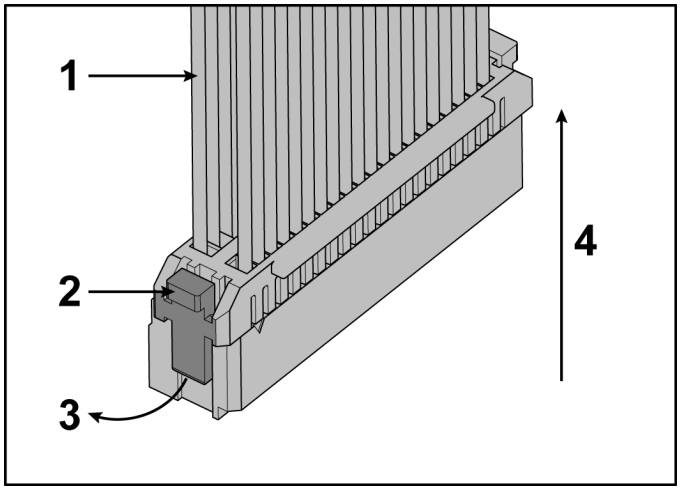


Item	Description	Qty.
1	MYE/BV, Gray	1
2	CSAFE, Red	1
3	Console cable	1
4	Upper display	1
5	Headphone jack	1
6	iPod (optional)	1
7	Heart rate	1
8	Handset membrane	1
9	iPod board assembly (optional)	1

Item	Description	Qty.
10	E-stop switch	1

3. Unplug optional iPod cable.
The iPod cable is held in place by a notch in the access cover.

a) Press in both side latches of cable connector.

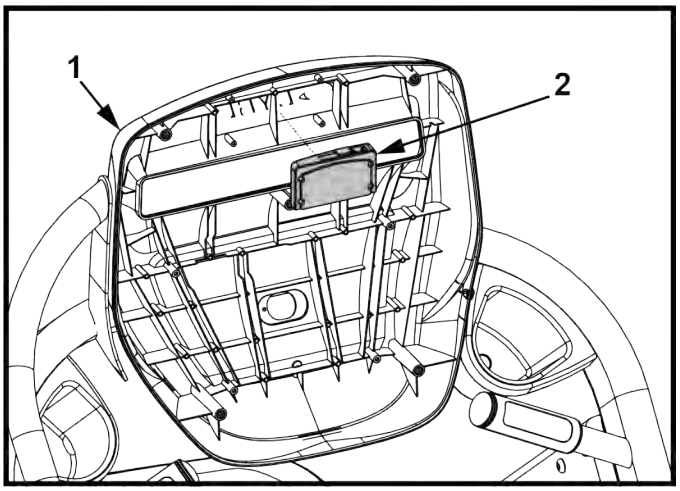


b) Ensure latches disengage from the connector.
c) Unplug cable by holding down latches on both sides and pulling straight out from connector. Do not pull on wires, remove by connector.

Install wireless audio receiver module

1. Remove adhesive backing from wireless audio receiver module.

2. Install wireless audio receiver module in location shown on console assembly.

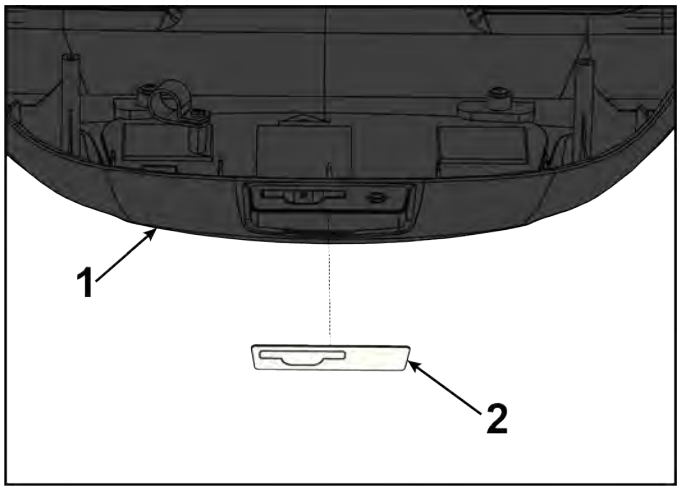


Item	Description	Qty.
1	Console assembly	1
2	Wireless audio receiver module	1

3. Plug RJ45 cable into wireless audio receiver module.

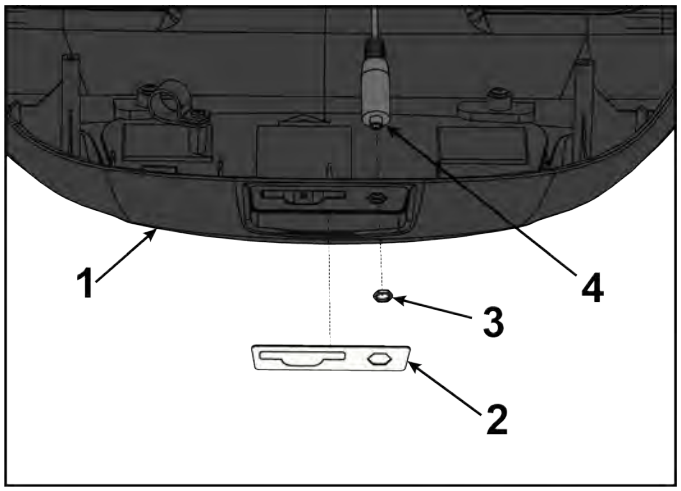
Install headphone jack cable

1. Remove the blank decal from the front of the console assembly using a utility knife.



Item	Description	Qty.
1	Console assembly	1
2	Decal	1

2. Install the new decal to the front of the console assembly.



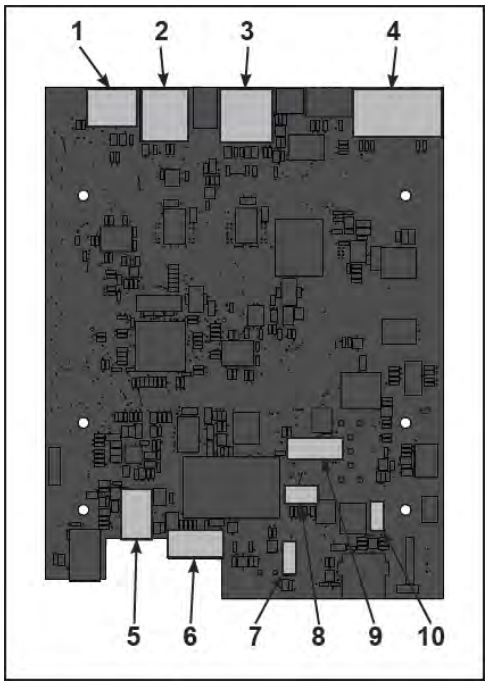
Item	Description	Qty.
1	Console assembly	1
2	Decal	1
3	Nut	1
4	Headphone jack cable	1

3. Install the nut into the front of the console assembly.
4. Screw the headphone jack cable into the console assembly and tighten by hand.

Install front cover

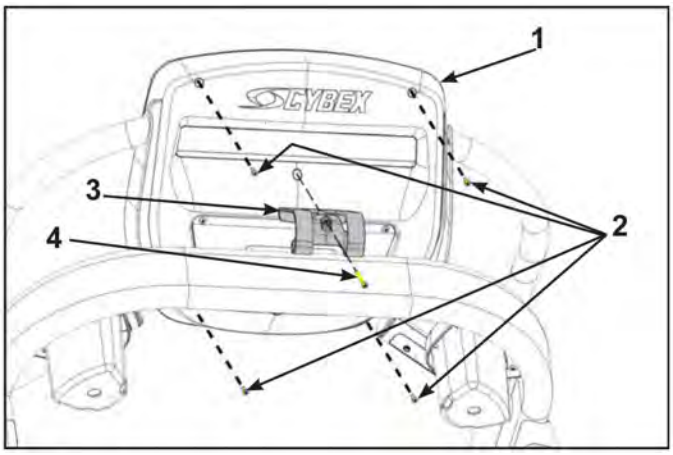
1. Plug the cables into the MCC board.

   MCC board cables



Item	Description	Qty.
1	MYE/BV, Gray	1
2	CSAFE, Red	1
3	Console cable	1
4	Upper display	1
5	Headphone jack	1
6	iPod (optional)	1
7	Heart rate	1
8	Handset membrane	1
9	iPod board assembly (optional)	1
10	E-stop switch	1

2. Install the four short screws and one long screw securing the front cover and iPad clip to the console assembly using a Phillips screwdriver.



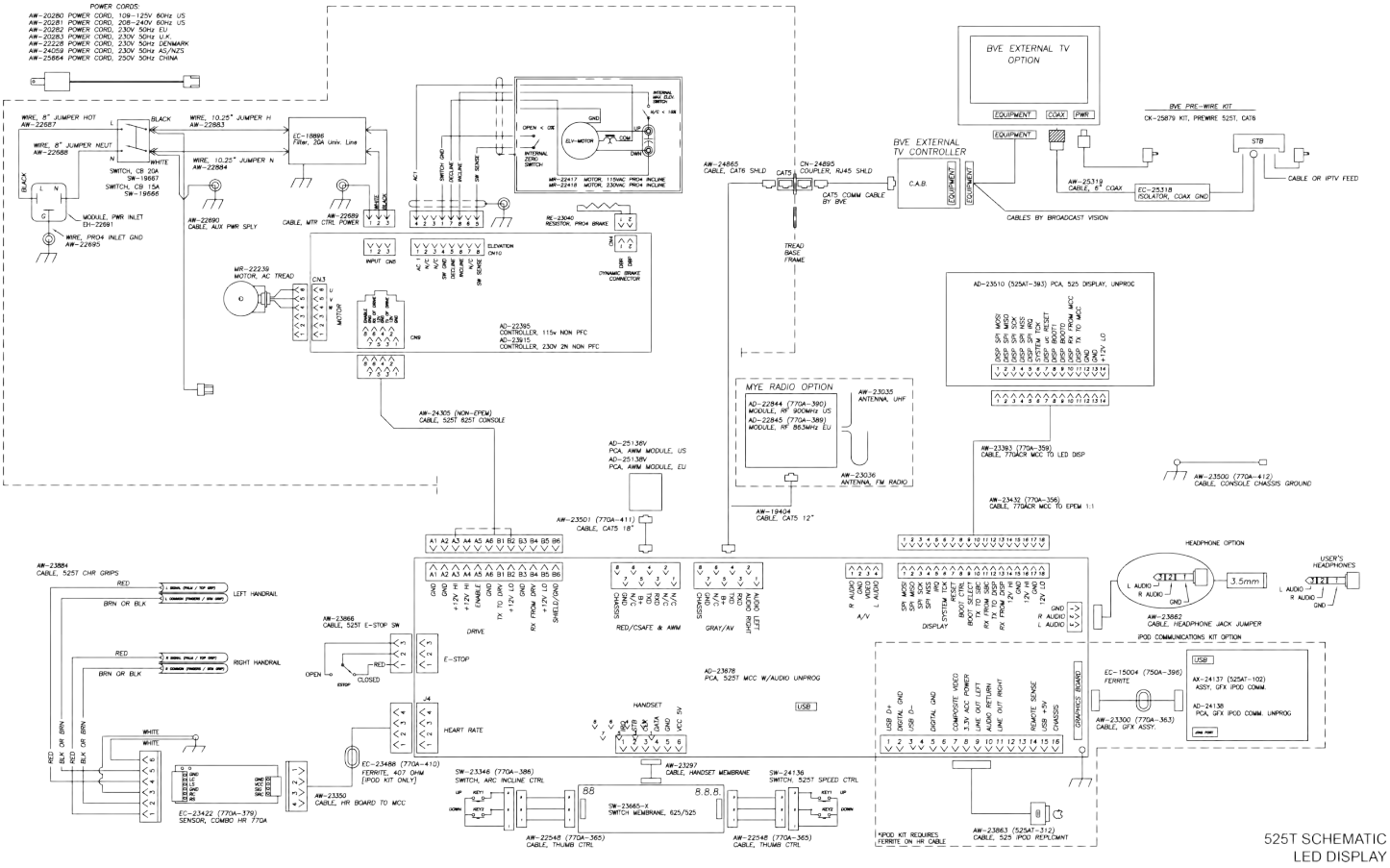
Item	Description	Qty.
1	Console assembly	1
2	Short screws	4
3	iPad clip	1
4	Long screw	1

Complete installation

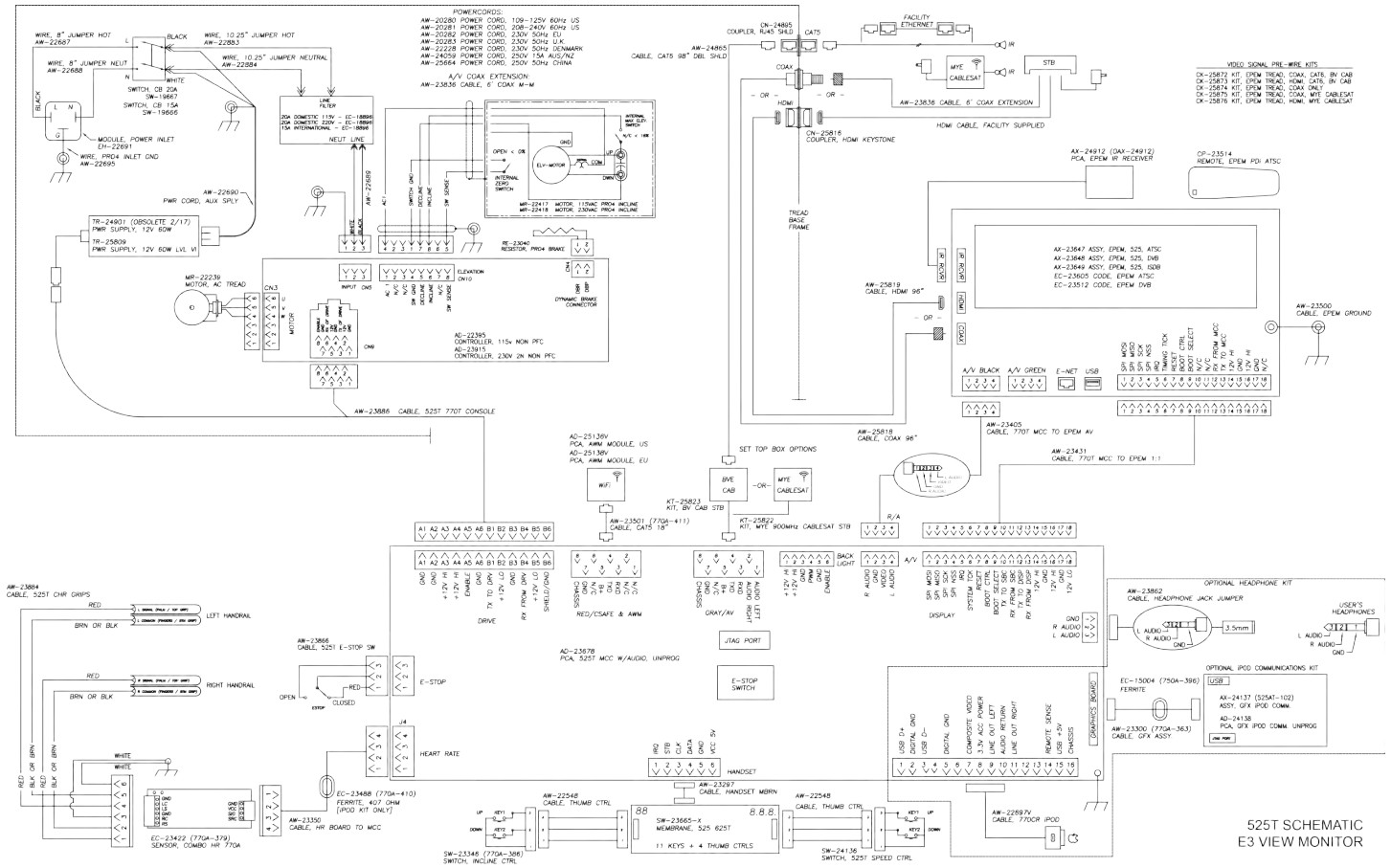
1. Plug the power cord into the power outlet.
2. Operate the unit at all levels to verify proper operation.
3. Follow procedure in *Shared TV Setup*.

Schematics

Schematic 525T LED Display



Schematic 525T E3 View Monitor





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