Treadmill 600/700 Line Assembly Guide

Assembly requirements

Precor recommends at least two people for this installation. DO NOT attempt assembly by yourself.

Follow the steps in the order listed in this assembly guide. Be sure to:

- Assemble the equipment close to where you plan to use it.
- Assemble the equipment on a solid, flat surface, so that it remains level and stable.
- Locate the equipment a minimum of .6 m (23.6 in.) on either side of the equipment and 2 m (79 in.) behind the treadmill. ***DO NOT move the equipment without assistance***.

IMPORTANT The treadmill requires a 20-amp ***individual*** branch circuit grounded per NEC (National Electric Code) guidelines or local region electric code.

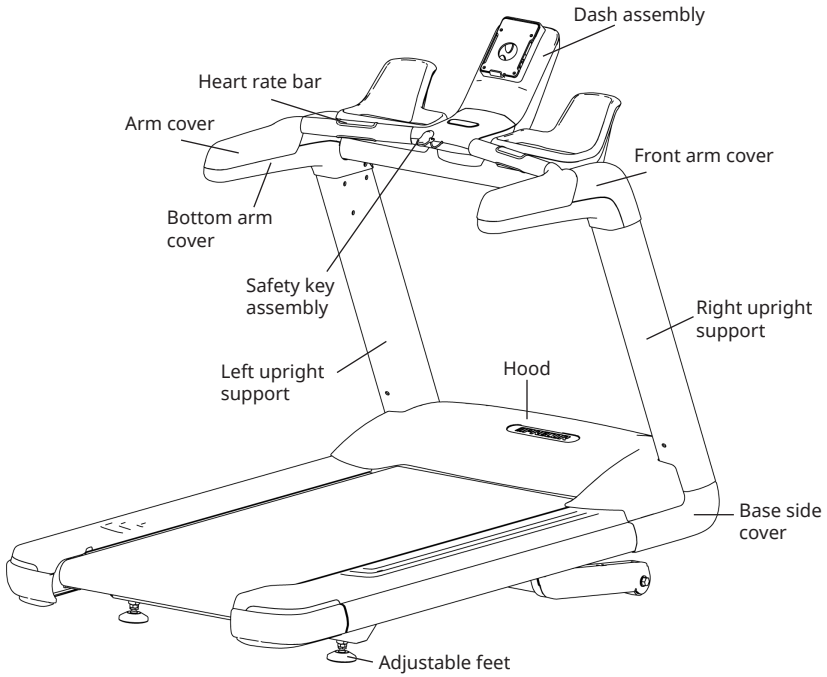


Figure 1

Hardware kit

Required tools

- #3 Phillips screwdriver
- Hex wrench 7/32-inch
- Hex wrench 1/4-inch
- Hex wrench 5/16-inch
- Torque wrench with tension to at least 25 ft-lb (33.90 Nm) with 5/16-inch and 7/32-inch drivers

	Image	Description	Qty
1		Washer (3/8-inch)	6
2		Self-tapping pan head screw (1/4 x 1-inch)	2
3		Self-tapping pan head screw (1/4 x 3/4-inch)	29
4		Socket head cap screw (SHCS) (3/8 x 5/8-inch)	6
5		Plastic grommet (1/4-inch)	6
6		Star tooth washer (3/8-inch)	12
7		Button head cap screw (BHCS) (3/8 x 1-inch)	12
8		Self-tapping pan head screw (#10 x 5/8-inch) *(in box with dash)*	16
9		Socket head cap screw (SHCS) (1/4 x 1/2-inch)	4

NOTE Extra hardware may be included with the treadmill.

Torque Measurements Use the following torque measurements to tighten the fasteners. If a torque is not provided, then fully tighten the fastener with the appropriate tool.

- All screws (excluding plastic screws) to 25 ft-lb (33.90 Nm)

Attach uprights to treadmill

WARNING Do NOT connect electrical power until all assembly procedures are complete and the console is properly installed.

1. Remove the hood from the treadmill base and set it aside (Figure 2).
2. Position a base side cover against the treadmill frame so that the tabs fit into the frame (Figure 3).
3. Attach the base side cover using two 3 screws (Figure 4), one for the side attachment and one for the front attachment.
4. Position the right side upright support near the base frame and route the data cable inside of the base side cover and up through the right upright (Figure 4).
   IMPORTANT DO NOT pinch or crush the cable during assembly.

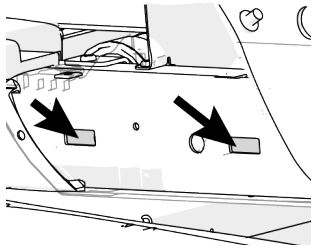


Figure 2

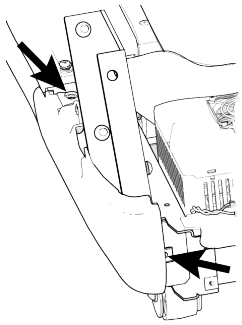


Figure 3

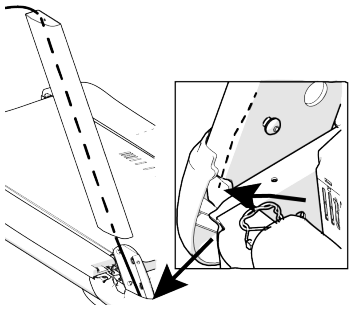
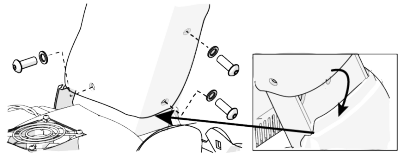


Figure 4

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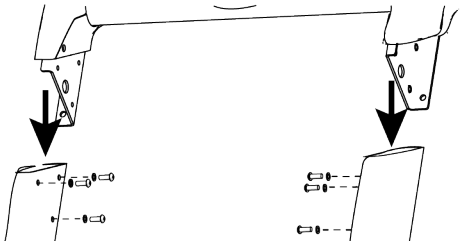
5. Position the right upright support onto the base frame so that the side cover lip fits inside the upright support and attach it using three ❼ screws and three ❻ washers (Figure 5). Partially tighten the fasteners.
6. Repeat steps 2 through 5 to attach the left upright support.


Figure 5

NOTE If a personal viewing system (PVS) will be added or an HDMI cable for a P94/P84 touchscreen console, route the PVS, network, and/or HDMI cables through the inside of the ***left*** upright support. Be careful not to pinch the cables.

Attach the dash

1. With assistance, set the dash assembly on top of the upright supports.
   NOTE The dash slips down into the uprights. Pull it up slightly so that the screw holes align correctly.
2. Attach the dash assembly to each upright using three ❼ screws and three ❻ washers (Figure 6). Partially tighten the screws.
3. Tighten the lower upright screws in the order shown in Figure 7. Tighten all 12 screws to 25 ft-lb (33.90 Nm) of torque.


Figure 6

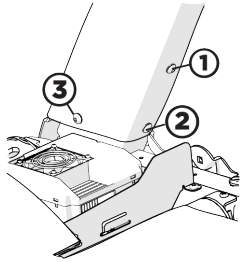
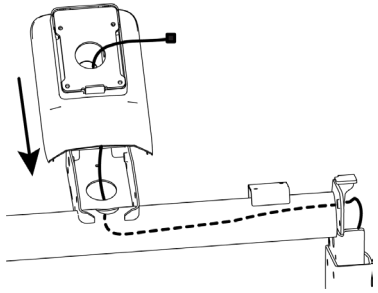


Figure 7

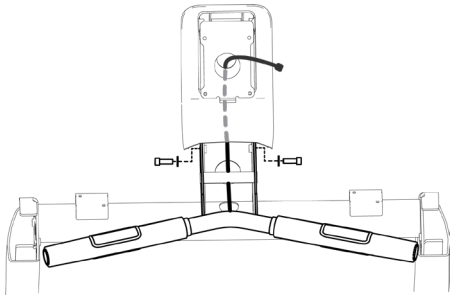
Complete the dash

1. Remove the screw from the back of the dash cover and set it aside with the screw.
2. Route the data cable through the right side of the dash assembly, up the back frame, and out through the top hole (Figure 8).
   NOTE If you are attaching a PVS or HDMI cable, route the cables through the ***left*** side of the dash assembly at this time

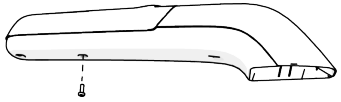

Figure 8

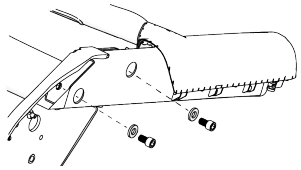
Attach the heart rate bar

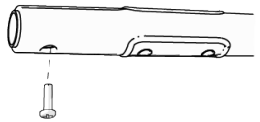
1. Position the heart rate bar assembly against the dash frame and attach it using two ❹ screws and two ❶ washers (Figure 9). Partially tighten the fasteners.
2. Route the heart rate cable up through the back frame and out through the top hole (Figure 9).


Figure 9

3. From the bottom of each tread arm, remove the screw (Figure 10).
4. Remove the bottom and front plastic covers from each tread arm and set aside.
5. Fit the tread arm into the heart rate bar and against the dash assembly. Attach it using two ❹ screws and two ❶ washers (Figure 11). Use a hex key to partially tighten the screws.
6. Attach the underside of each heart rate arm using one ❷ screw (Figure 12). Fully tighten the fasteners. Repeat for other arm.
7. Tighten all six socket head screws to 25 ft-lb (33.9 Nm) of torque. The covers will be replaced in a later step.

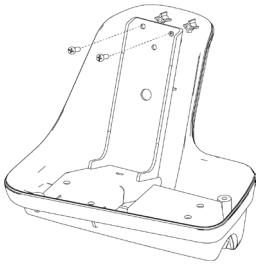

Figure 10

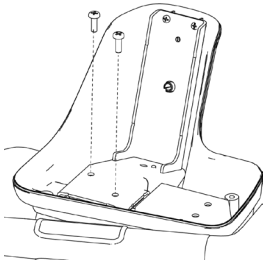

Figure 11

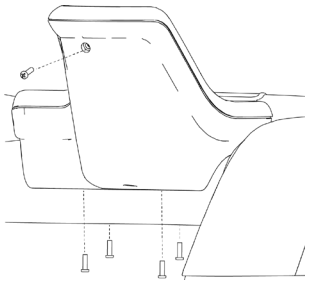

Figure 12

Attach bottle holders

1. Attach attach the internal bracket to the lower bottle holder section with two ❽ screws (Figure 13).
2. Place the lower holder section onto the dash mounting bracket. Use two ❸ screws to attach the internal bracket to the mounting bracket (Figure 14). Fully tighten the fasteners.
3. Place the holder top section over the assembly and attach using five ❽ screws (Figure 15).
4. Repeat steps 1-3 to attach the water bottle holder on opposite side.


Figure 13

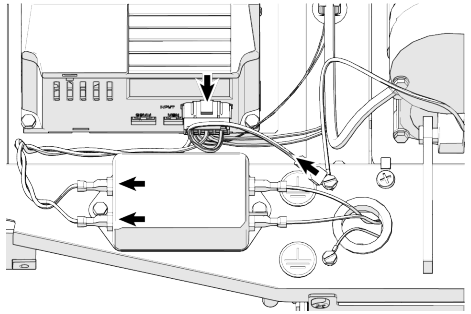

Figure 14


Figure 15

Attach filter to drive power cable

(For touchscreen consoles only)

1. Disconnect the existing power cable from the drive unit, power filter, and ground terminal. Completely remove it from the treadmill (Figure 16).


Figure 16

2. Connect the new power cable according to Figure 17 and Table 1.

Position	Connector
①	Drive input connectors
②	Brown lead with quick-connect terminal
③	Blue lead with quick-connect terminal
④	Green and yellow lead with quick-connect terminal
⑤	AC input cable to the power cable

Table 1

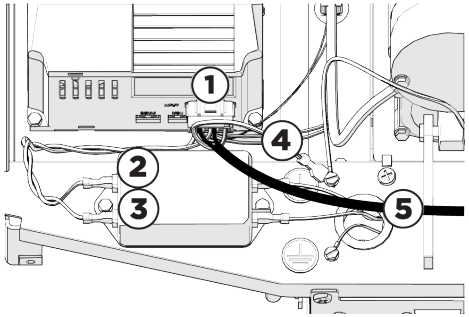


Figure 17

3. Use the Velcro fasteners to attach the power supply on the right side of the treadmill base. Plug the AC input cable into the socket on the power supply.
4. Route the DC output cable through the cable ties behind the power supply, toward the upright support on your right. Bend the cable ties over the DC output cable to hold it in place.

   NOTE Bundle the excess cable and secure it under the cable clips.
5. Connect the black AC power cable on the AC wiring harness to the socket on the power supply.

Install accessory jack

(For touchscreen consoles only)

IMPORTANT The touchscreen console includes an accessory jack panel that you must install on the treadmill. The panel connects the TV, network, and/or HDMI cables to the facility's network.

1. Remove the screws securing the blank plate at the right-front corner of the treadmill (Figure 18). Discard the blank plate.
2. Thread the cable assembly down through the channel in the upright support on your right (Figure 19). Drape excess cable over the inside edge of the support and tape into place, if necessary.
3. Pass the lower end of the TV cable through the right-hand grommet and insert it into the connector inside the panel. Use a 7/16-inch torque wrench to tighten the connectors to 30 in-lb (3.39 Nm) of torque.
4. Pass the lower end of the Ethernet cable through the right-hand grommet and snap it into the eight-pin coupler in the panel.
5. Fit the lower ends of any additional cables into the notch in the upper edge of the panel.
6. Replace the panel and fully tighten the corresponding screws.

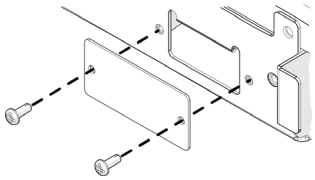


Figure 18

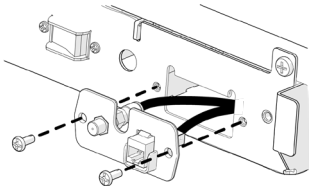


Figure 19

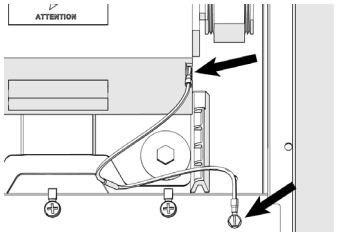


Figure 20

WARNING Before you finish assembling the treadmill base, examine the electrical bleed line between the belt motor and the frame. Make sure the bleed line is connected securely to both the motor and the frame as shown in Figure 20, and verify that it is not damaged. DO NOT connect the treadmill to electrical power while the hood is removed.

Install treadmill hood

1. Place the hood onto the treadmill. Attach it with four ❸ screws (Figure 21). Fully tighten the fasteners.

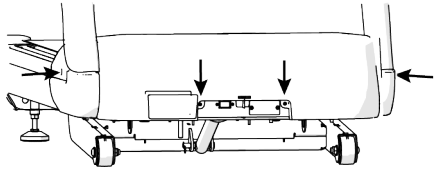


Figure 21

Attach safety key

1. Fit the bottom part of the safety key assembly onto the bottom of the dash assembly and heart rate arms.

   NOTE Flex the plastic to snap it into place.
2. Position the top piece of the safety key assembly on top of the bottom part (Figure 22).
3. Route the cable under the black bar on the safety key assembly and up through the dash hole (Figure 22).

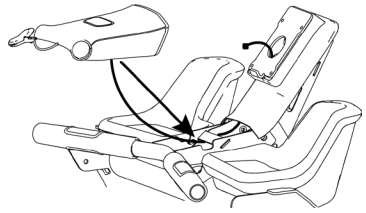


Figure 22

4. Secure the top and bottom of the safety key assembly together using two ❸ screws (Figure 23).

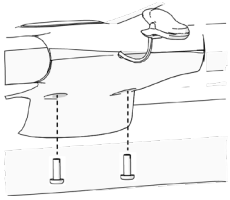


Figure 23

Attach dash arms

1. Insert two ❺ grommets into the dash arms, just above each upright support (Figure 24).
2. Attach the top arm cover using four ❸ screws (Figures 25 and 26).
3. Attach the bottom arm cover using three ❸ screws (Figure 27) and the screw removed earlier.
4. Repeat steps 1-3 to attach the covers to the other arm.

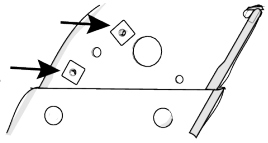


Figure 24

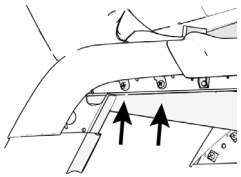


Figure 25

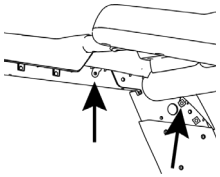


Figure 26

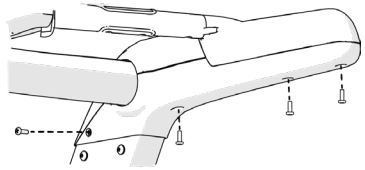


Figure 27

Install console

To attach a console, refer to the installation guide shipped with your console. Once you have attached all the cables, follow the steps below to complete assembly of your treadmill.

1. Secure the console to the dash assembly using four 9 screws (Figure 28).
2. Place the dash cover onto the back of the dash assembly and attach it using the screw previously removed in the *Complete the dash* section, plus two 8 screws from the hardware kit (Figure 29).

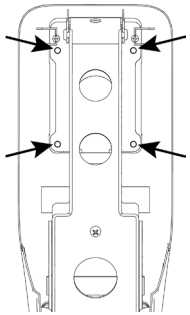


Figure 28

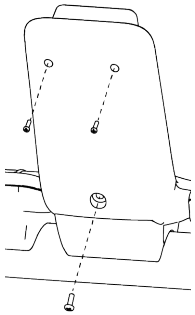


Figure 29

Level the treadmill

IMPORTANT Adjust only one rear foot at a time. DO NOT extend the adjustable feet more than 3/4-inch (2 cm). Adjusting the rear feet cannot compensate for extremely uneven surfaces. If you cannot make the running surface level and stable, move the treadmill to a level surface.

1. Use a 3/4-inch open-end wrench to loosen the jam nuts on the rear feet and adjust as needed to level the treadmill (Figure 30). Then retighten the jam nuts.
2. Plug the power cord into an ***individual*** 20-amp branch circuit grounded per NEC (National Electric Code) guidelines or local region electric code.

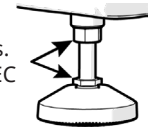


Figure 30

Check running belt alignment

IMPORTANT Failure to align the belt may cause the belt to tear or fray, which is not covered by the Precor Limited Warranty.

1. Turn on the treadmill.
2. Standing *beside* the treadmill (not on it), press **GO** or **QuickStart** on the console.
3. Speed up the treadmill until the console shows a speed of 3 mph (5 kph).
4. Observe the belt from the rear of the treadmill for a few minutes. The belt should remain centered along the running bed. If it drifts off center, adjust it by following the procedure in the *Adjusting the running belt* section.
5. Press **STOP** to stop the belt.
6. Turn off the treadmill.

Adjust running belt tracking

To adjust running belt tracking:

1. Start the treadmill and set the speed to 3 mph (5 kph).
2. Observe the running belt tracking while verifying that the belt remains centered:

If...	Then...
If the belt starts to drift toward the right,	Slowly and manually turn the right side take-up roller mounting bolt clockwise in quarter-turn increments until the drifting stops (Figure 31).
If the belt starts to drift toward the left,	Slowly and manually turn the right side take-up roller mounting bolt counter-clockwise in quarter turn increments until the drifting stops (Figure 31).



Figure 31

3. Increase the speed to 9 mph (14 kph) and then 12 mph (19 kph), making any small adjustments as needed.
   IMPORTANT During this functional test, if there is noticeable hesitation of the running belt with each foot plant, check the Running Belt Tension procedure in the Cardio Equipment Maintenance Guide on our website at *www.precor.com*.
4. Press **Stop** to stop the belt.
5. Turn off the treadmill.
   NOTE The tracking adjustments should only be done in quarter turn increments. ONLY use the right side take-up roller mounting bolt to adjust tracking. ONLY use hand tools to adjust tracking.

Test safety features

IMPORTANT Before any exerciser uses the treadmill, verify that the STOP button, reset switch, Auto Stop™, and safety code features are all working correctly.

Test the stop button:

1. Start any workout on the treadmill.
2. Press STOP once. The console indicates that the workout is paused.
3. Press STOP again. The console displays a workout summary.

Test the reset switch:

1. Start any workout on the treadmill.
2. Give the safety clip lanyard a slight tug. The reset switch pops up and the treadmill should slow to a stop immediately.
3. Press the reset switch back into its normal position. The console should reset itself and return to the Welcome screen or banner.

Test Auto Stop™

Auto Stop™ (Automatic Stop) is a feature designed to bring the treadmill to a gradual stop after two minutes, when it is not in use. This might occur if an exerciser steps off the treadmill before the end of a workout and leaves the treadmill running. The default setting for this feature is ON. An administrator can turn off this feature in the System Settings; however, Precor recommends it remain ON.

1. Start any workout on the treadmill, but DO NOT step onto the running belt.
2. Wait two minutes without stepping onto the running belt. At this point or shortly beforehand, the treadmill should slow to a stop and the console should ask the previous user to confirm that they are still present.
3. If there is no confirmation, the console returns to the Welcome screen or banner and it is safe to step onto the running belt.

Set safety code

Activate a safety code to prevent unauthorized use of the treadmill. This setting requires the exerciser to enter a code (1 2 3 4) on the keypad before the treadmill will operate. To activate a safety code for your setting:

1. Enter code **5651565** to go to Club Settings.
2. Press the up/down arrows to scroll to the Safety Code setting.
3. Press **OK** for Safety Code setting.
4. Use the up/down arrows to enable the setting.
5. Press **OK** to save the setting.
6. Test the Safety Code.
   NOTE If the safety code is properly enabled, you will be prompted to enter a safety code (1 2 3 4) on the keypad before you can begin a workout.

Maintenance

To properly maintain the equipment, refer to the **Cardio Equipment Maintenance Guide** at *www.precor.com.*