StairClimber™ SCL® 800 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 at least 24 inches (0.6 meter) away from walls or furniture on either side of the equipment, and 24 inches (0.6 meter) away from objects behind or in front of the equipment.
- The equipment needs a minimum ceiling height of 9’ 9” feet (3 meters).
- DO NOT move the equipment without assistance.
- DO NOT connect power to the equipment until instructed to do so.

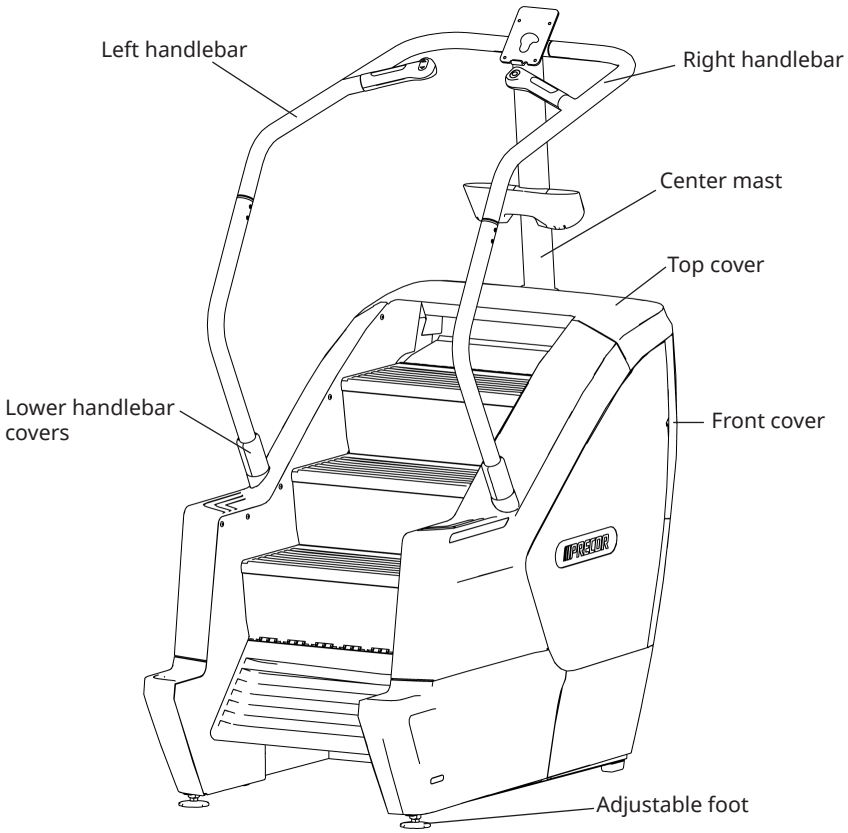
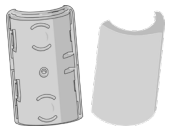
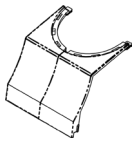


Figure 1. StairClimber

Required tools

- Hex wrench 5/32-inch
- Hex wrench 7/32-inch
- Wrench 1/2-inch
- Open end wrench 3/4-inch
- Torque wrench
- Philips screwdriver

Hardware kit

	Image	Description	Qty
1		Hex-head bolt (HHB) with washer 5/16-18 x 1-inch	4
2		Flat-head socket cap screw (FHCS) 1/4-20 x 5/32-inch (for console mount only)	4
3		Button-head cap screw (BHCS) 3/8-16 x 7/32-inch (black)	8
4		Lower handlebar covers (set of 2)	4
5		Gasket	1
6		Gasket cover	1
7		O-ring (pre-installed on handlebars)	2
8		Right handlebar	1
9		Left handlebar	1
10		Center mast	1
11		Heart rate wire (pre-installed in right handlebar)	
12		Stop and speed wires (bundle at top of unit)	
13		Top cover	1

NOTE Extra hardware may be included with the StairClimber.

Before you begin

IMPORTANT As you unpack the equipment, ensure you remove the ties to the arms and remove the them and all boxes **BEFORE** you lift the protective box off the unit. The arms are secured to the packaging for shipment. Failure to follow this procedure may results in marring or damage to equipment which is not covered under warranty.

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Prepare for touchscreen console

(P94 and P84 consoles only)

If you are installing a P31 LED console, skip this section.

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

CAUTION StairClimber is only approved for use with P31 LED consoles along with P84 and P94 touchscreen consoles. No other Precor consoles can be used with this model. It will not operate.

1. Press in the sides of the front cover and slide out to remove it and expose the inside (Figure 1).
2. In the bottom of the unit, remove the screw for lower board housing. Slide the housing cover slightly to release and remove the cover (Figure 2).

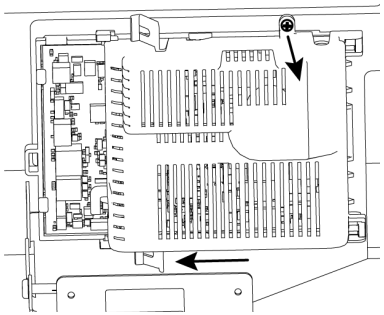


Figure 2

3. From the cable kit that comes with your console, attach the coupler to the power cable that attaches to the power brick (match wire colors).
4. Plug the unattached coupler ends into the board in the following areas (Figure 3):
   - ① Green and yellow lead with quick-connect terminal (M5) *(top connector)*
   - ② Brown lead with quick-connect terminal (M3) *(middle connector)*
   - ③ Blue lead with quick-connect terminal (M4) *(bottom connector)*
5. Replace the housing and secure with the screw removed in step 2. Route the cables up the left side with the other cables and through the opening on the top.

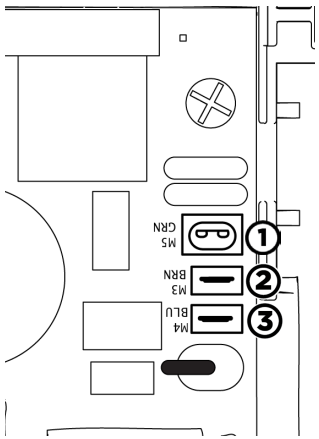


Figure 3

6. Use the tape and hook and loop fasteners to attach the power supply to the base frame inside (Figure 4).
7. Run the power cable from the other end of the power brick up the left side (from front of unit) with the other cables and feed into the opening at the top. Ensure it does not touch or rub against any moving parts.
9. Punch out the cutout in the jack plate to accommodate the HDMI cable (if being used). Run the HDMI cable through the jack plate and up the left side with the power cable. Feed the cable through the opening at the top of the unit with the other cables. Ensure it does not touch or rub against any moving parts.

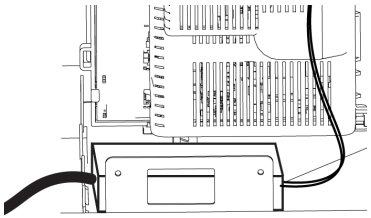


Figure 4

10. Replace the front cover from step 1 and snap into place.

Install the center mast

NOTE If a personal viewing system (PVS) will be added, route the PVS, any network or HDMI cables through the inside left of lower unit then through the center mast. Be careful not to pinch the cables or have them against any moving parts.

1. Unfurl the SCL cables and pull them out the hole, including any cables for a console or PVS (Figure 5).
2. Feed all cables from lower through bottom to top of center mast ⑩ before setting onto the base (Figure 6).

   IMPORTANT Ensure the cables are not pinched and are pulled through far enough so that they do not slide back into mast.
3. Secure the center mast to the base using 4 ① bolts 5/16-18 x 1-inch with washers (Figure 7).

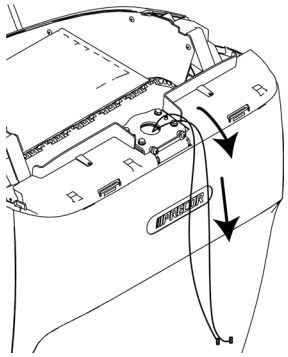


Figure 5

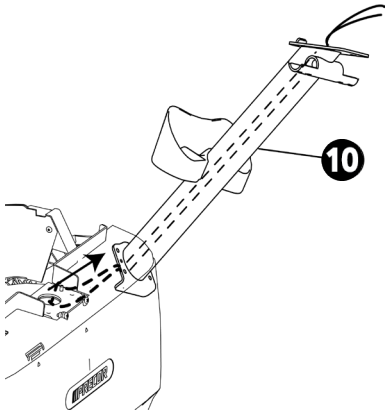


Figure 6

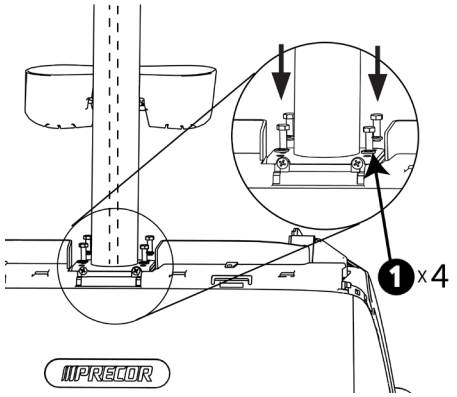


Figure 7

Install the handlebars

1. The lower handlebar mounts on the base are naturally angled. Secure each mount using a ③ BHCS 3/8-16 x 7/32-inch (black) (Figure 9).

   IMPORTANT The lower handlebar mount is angled. DO NOT over-tighten as it will move the mount and the handlebars will not attach correctly (Figure 8).

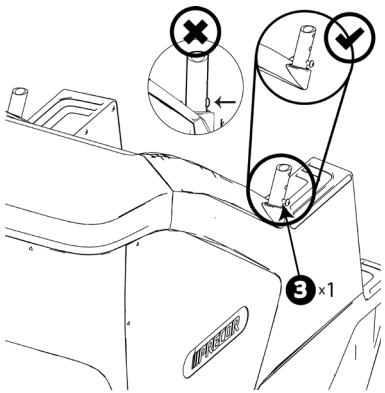


Figure 8

2. Slide the 8 right handlebar (from user side) over lower mount so that the 7 O-ring seats correctly (Figure 9). Secure handlebar using 2 3 BHCS 3/8-16 x 7/32-inch and hand tighten (Figure 10).

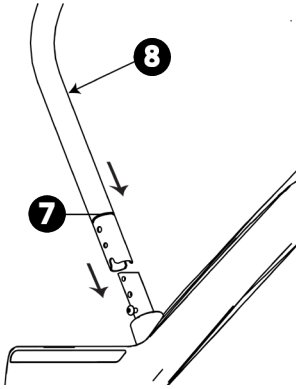


Figure 9

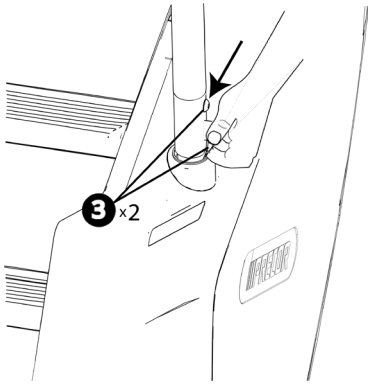


Figure 10

3. Feed the two wires 11 (stop and heart rate) from the 8 right handlebar through the center mast and out the opening. Ensure wires are out enough to not slide back down center mast (Figure 11).

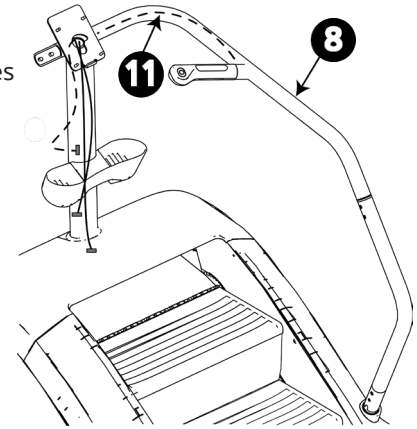


Figure 11

4. Slide the 9 left handlebar (from user side) over lower mount so that the 7 O-ring seats correctly (Figures 12). Secure handlebar using 2 3 BHCS 3/8-16 x 7/32-inch and hand tighten (Figures 13).

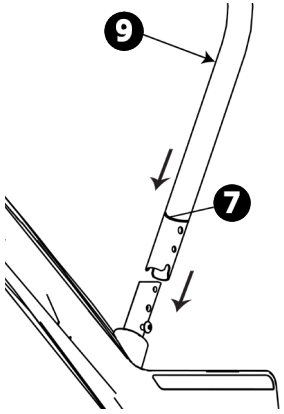


Figure 12

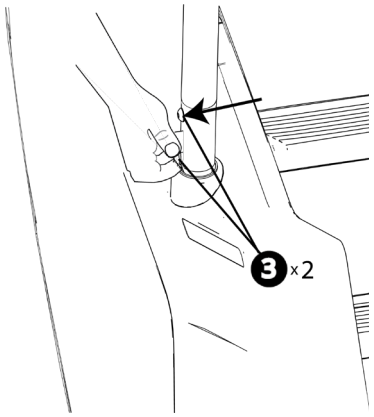


Figure 13

5. Feed the 12 speed control wire through the left handlebar out the opening (Figure 14) and connect to the stop and heart rate wires together from the right handlebar (Figure 15).

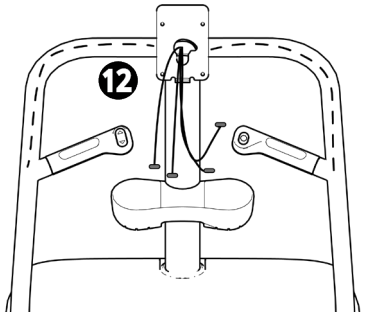
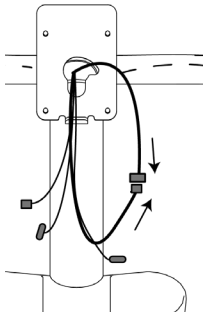


Figure 14


Figure 15

6. Secure the handlebars to the front of the center mast using 4 1 hex head bolts 5/16-18 x 1-inch with washers (Figure 16).

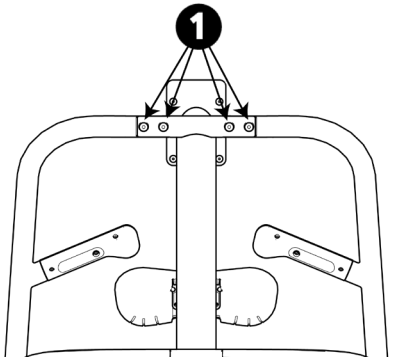


Figure 16

Install console

To install a console, refer to the installation guide shipped with the console. Once ready, secure the console to the center mast using 4 2 FHCS 1/4-20 x 5/32-inch (Figure 17).

IMPORTANT Only P31 LED and P84 and P94 touchscreen consoles can be used with the StairClimber.

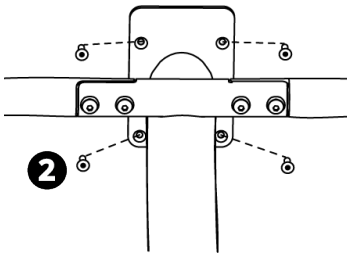


Figure 17

Complete the assembly

1. Torque the following fasteners (Figure 18):
   - ❶ hex head bolts with washers 5/16-18 x 1-inch to **250 in-lb (20.83 ft-lb) /28 N-m**
   - ❸ button head cap screws 3/8-16 x 7/32-inch (black) to **180 in-lb (15 ft-lb) /20 N-m**

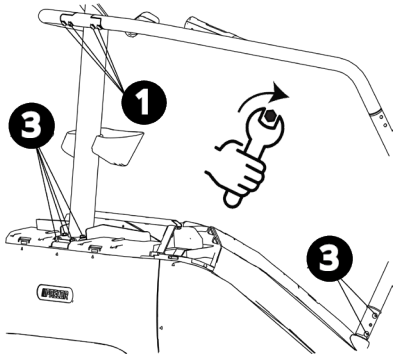


Figure 18

2. Snap the ⓭ top cover into place (Figure 19).

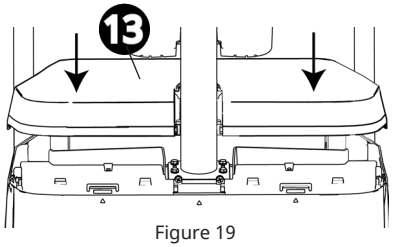


Figure 19

3. Slide the ❻ gasket cover and ❺ gasket into place (Figure 20).

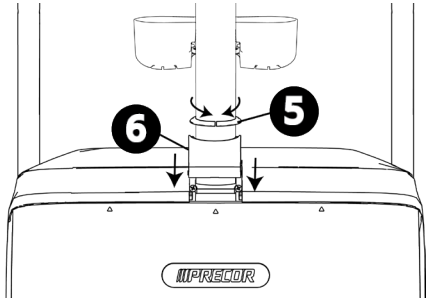


Figure 20

4. Snap the ❹ lower handlebar covers into place on both handlebars (Figure 21).

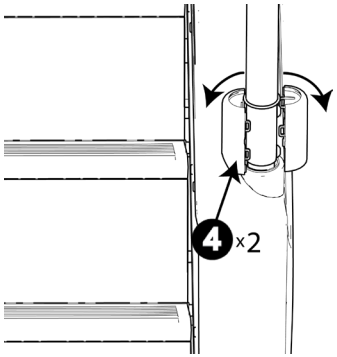
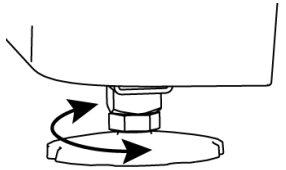


Figure 21

Stabilize the unit

The StairClimber must be installed on a level surface. To stabilize the unit, rotate the 1/2-inch nut on the adjustable feet with a 3/4-inch open end wrench either up or down (Figure 22).


Figure 22

Connect the power, test the safety features, and complete the checklist which came with the console.

Maintenance

For care and maintenance, refer to the Precor Cardio Equipment Maintenance Guide at ***www.precor.com.*** It is important to maintain your equipment in accordance to the guide as not to void the limited warranty.

WARNING To unplug, DO NOT PULL OUT the power cord from the bototm of the unit. The power cord comes with a mechanism that prevents the cord from unplugging. To unplug the cord, push the red lever under the plug toward you and then pull out the power cord.

IMPORTANT The heart rate features are intended for reference only. They may not be accurate for every user or at every speed and are not intended for use as a medical device. Holding the heart rate handle touch sensor while exercising at higher intensity may also decrease accuracy of the heart rate reading and is not recommended. Please read your product documentation and visit *www.precor.com/support/faq*