

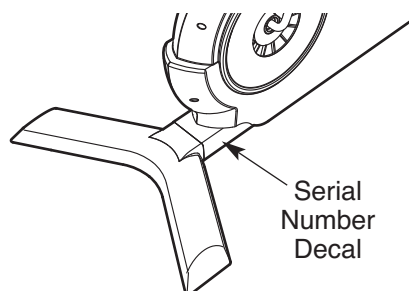
FREEMOTION[®]

upright bike c7.7

Model No. VFMEX2107-INT.0

Serial No. _____

Write the serial number in the space above for reference.



QUESTIONS?

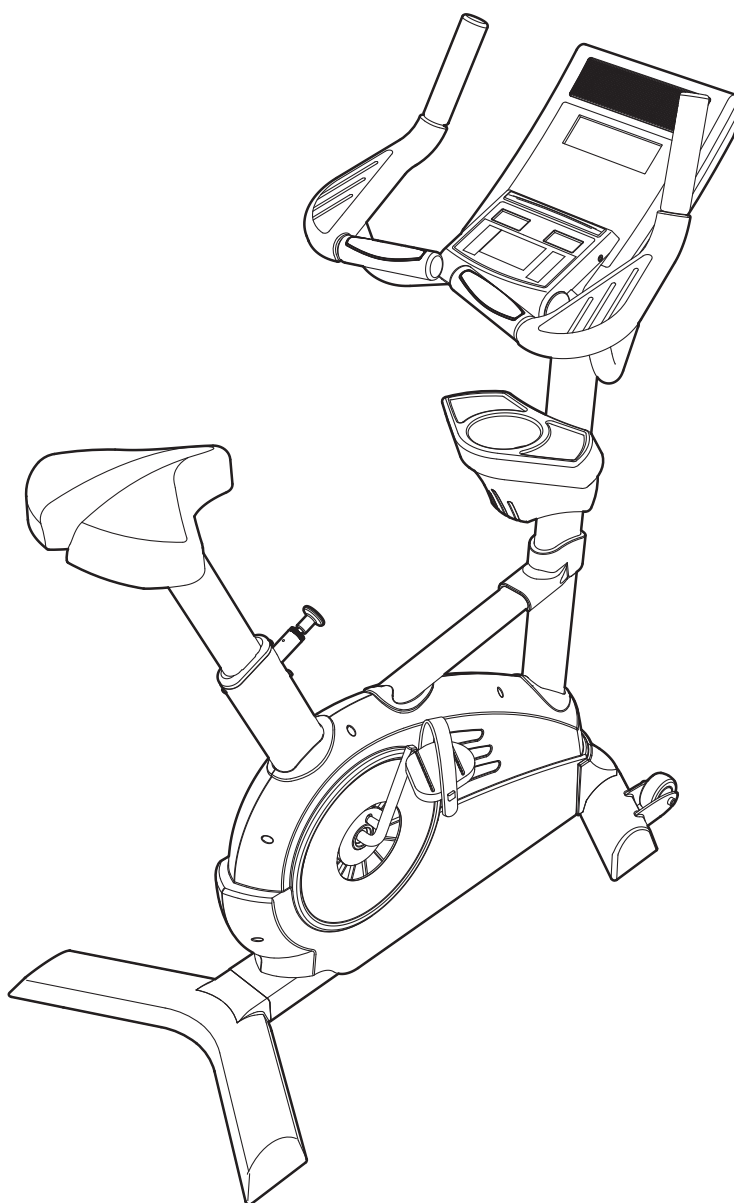
If you have questions, or if parts are damaged or missing, **PLEASE CONTACT THE STORE WHERE YOU PURCHASED THIS PRODUCT.**

If you are unable to contact the store, please see HOW TO CONTACT CUSTOMER CARE on the back cover of this manual.

CAUTION

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

USER'S MANUAL



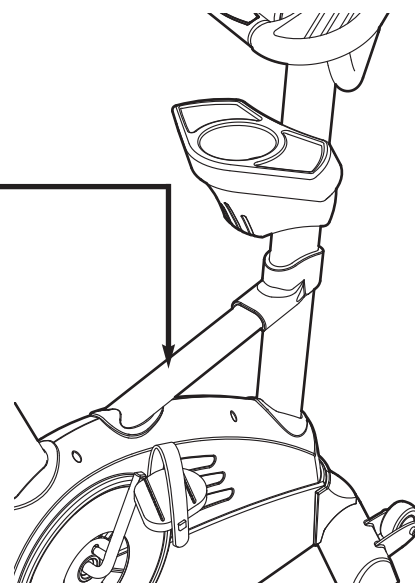
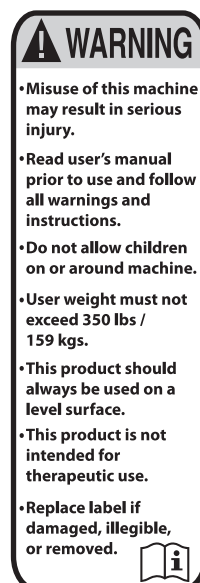
www.freemotionfitness.com

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WARNING DECAL PLACEMENT

This drawing shows the location(s) of the warning decal(s). **If a decal is missing or illegible, see the back cover of this manual and request a free replacement decal. Apply the decal in the location shown.**
Note: The decal(s) may not be shown at actual size.



IMPORTANT PRECAUTIONS

⚠ WARNING: To reduce the risk of serious injury, read all important precautions and instructions in this manual and all warnings on your exercise bike before using your exercise bike. FreeMotion Fitness assumes no responsibility for personal injury or property damage sustained by or through the use of this product.

1. Before beginning any exercise program, consult your physician. This is especially important for persons over age 35 or persons with pre-existing health problems.
2. Use your exercise bike only as described in this manual.
3. It is the responsibility of the owner to ensure that all users of the exercise bike are adequately informed of all precautions.
4. Keep the exercise bike indoors, away from moisture and dust. Do not place the exercise bike in a garage or covered patio or near water.
5. Place the exercise bike on a level surface. To protect the floor or carpet from damage, place a mat beneath the exercise bike. Make sure that there is at least 2 ft. (0.6 m) of clearance around your exercise bike.
6. Inspect and properly tighten all parts regularly. Replace any worn parts immediately.
7. Keep children under age 12 and pets away from your exercise bike at all times.
8. Your exercise bike should not be used by persons weighing more than 350 lbs. (159 kg).
9. Wear appropriate exercise clothes when exercising; do not wear loose clothes that could become caught on your exercise bike. Always wear athletic shoes for foot protection.
10. Hold the handgrip pulse sensor or the handlebars when mounting, dismounting, or using your exercise bike.
11. Keep your back straight while using your exercise bike; do not arch your back.
12. The pulse sensor is not a medical device. Various factors, including the user's movement, may affect the accuracy of heart rate readings. The pulse sensor is intended only as an exercise aid in determining heart rate trends in general.
13. Over exercising may result in serious injury or death. If you feel faint or if you experience pain while exercising, stop immediately and cool down.
14. Do not modify the power adapter or use an adapter to connect the power adapter to an improper receptacle. Keep the power adapter away from heated surfaces. Do not use an extension cord.

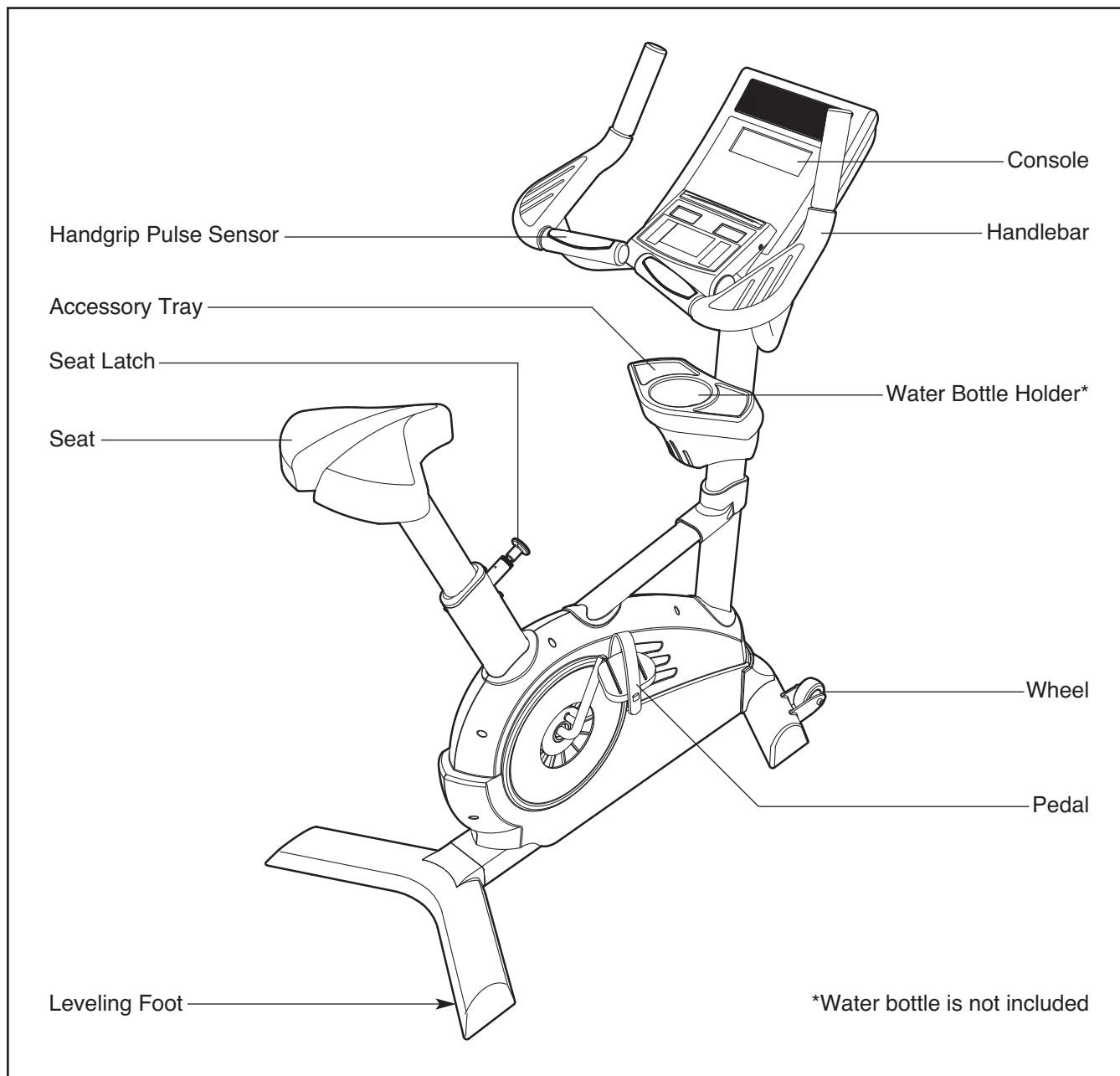
BEFORE YOU BEGIN

Thank you for selecting the revolutionary FREEMOTION® C7.7 exercise bike. Cycling is an effective exercise for increasing cardiovascular fitness, building endurance, and toning the body. The C7.7 exercise bike provides an impressive selection of features designed to make your workouts at home more effective and enjoyable.

For your benefit, read this manual carefully before you use the exercise bike. If you have questions

after reading this manual, please see the back cover of this manual. To help us assist you, note the product number and serial number before contacting us. The model number and the location of the serial number decal are shown on the front cover this manual.

Before reading further, please familiarize yourself with the parts that are labeled in the drawing below.

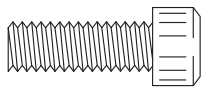


ASSEMBLY

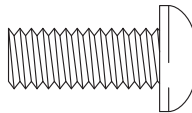
Assembly requires two persons. Place all parts of the exercise bike in a cleared area and remove the packing materials. Do not dispose of the packing materials until assembly is completed.

In addition to the included tool(s), assembly requires a Phillips screwdriver , an adjustable wrench , and a rubber mallet .

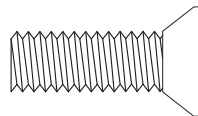
See the drawings below to identify the small parts needed for assembly. The number in parentheses below each drawing is the key number of the part, from the PART LIST near the end of this manual. The number following the key number is the quantity needed for assembly. **Note: If a part is not in the hardware kit, check to see if it has been preassembled. To avoid damaging parts, do not use power tools for assembly.**



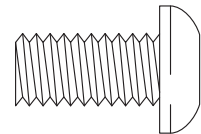
1/4" x 3/4" Socket
Screw (48)–3



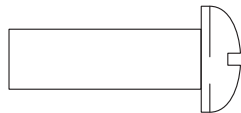
M8 x 20mm
Screw (44)–4



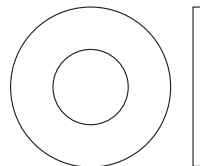
M8 x 20mm Flat
Head Screw (41)–4



3/8" x 3/4" Button
Screw (46)–4



5/16" x 1" Barrel
Nut (42)–2



M10 Flat
Washer (45)–4

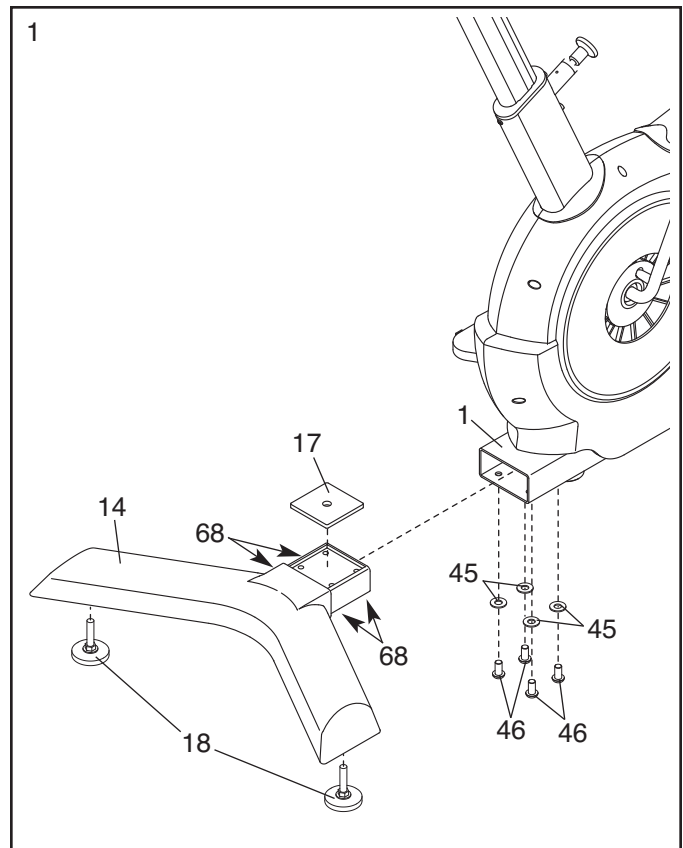
1.

To make assembly easier, read the information on page 5 before you begin.

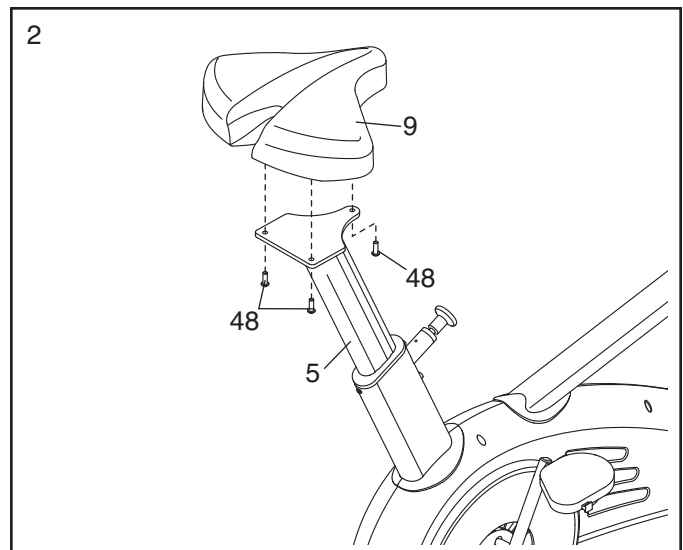
Identify the Rear Stabilizer (14) and orient it as shown. Insert a Stabilizer Plate (17) into the Rear Stabilizer.

Insert the Rear Stabilizer (14) into the Frame (1). Tighten the four Set Screws (68) located in the Rear Stabilizer. Then, attach the Rear Stabilizer with four 3/8" x 3/4" Button Screws (46) and four M10 Flat Washers (45).

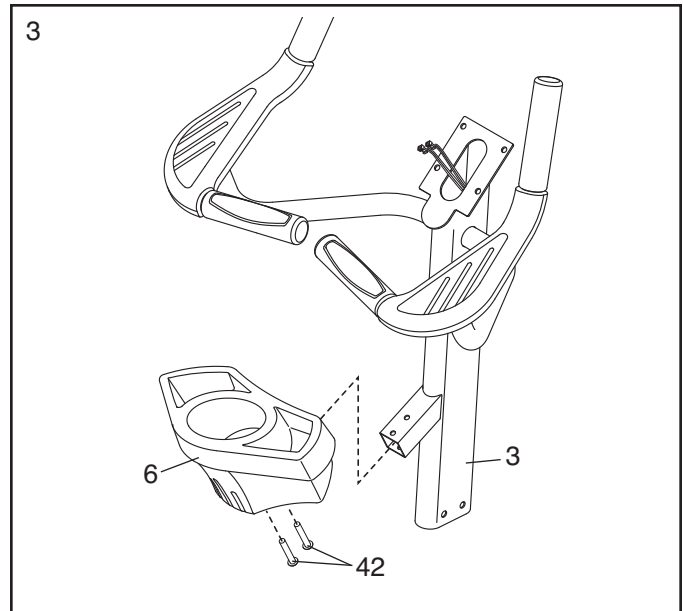
Tighten two Leveling Feet (18) into the underside of the Rear Stabilizer (14).



2. Attach the Seat (9) to the Seat Post (5) with three 1/4" x 3/4" Socket Screws (48).



3. Attach the Accessory Tray (6) to the Upright (3) with two 5/16" x 1" Barrel Nuts (42).

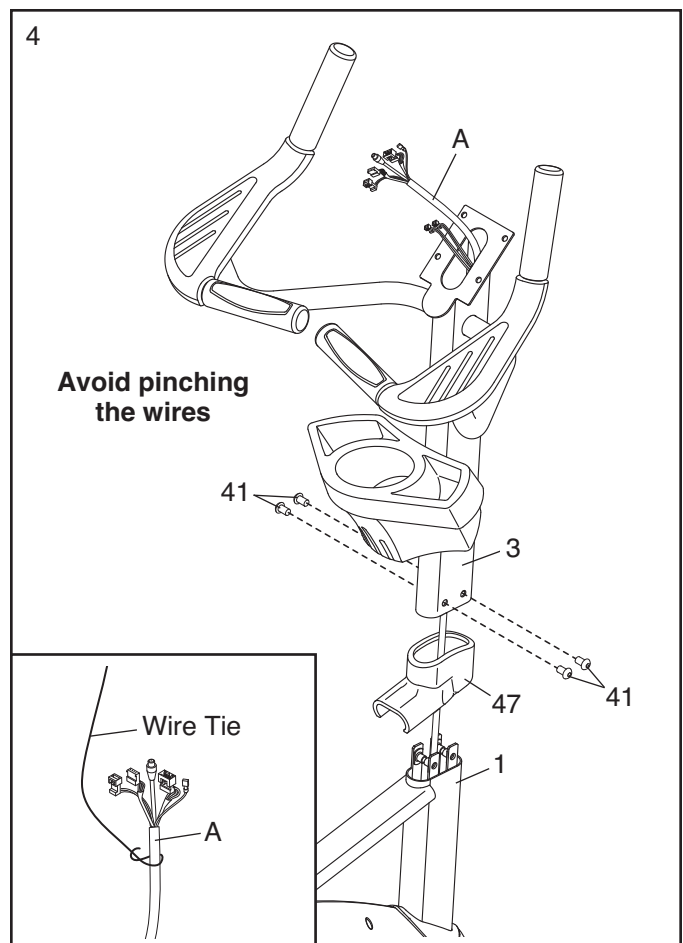


4. Slide the Upright Screw Cover (47) onto the Upright (3). **Make sure that the Upright Screw Cover is oriented as shown.** Then, slide the Upright Screw Cover upward toward the top of the Upright.

Have a second person hold the Upright (3) near the Frame (1). Locate the wire tie (see the inset drawing) in the Upright. Tie the lower end of the wire tie to the frame wires (A). Next, pull the upper end of the wire tie upward out of the top of the Upright. Then, untie and discard the wire tie. **Tip: Use a piece of tape or an elastic band to keep the ends of the frame wires from falling into the Upright.**

Tip: Avoid pinching the frame wires (A). Slide the Upright (3) onto the Frame (1). Attach the Upright with four M8 x 20mm Flat Head Screws (41).

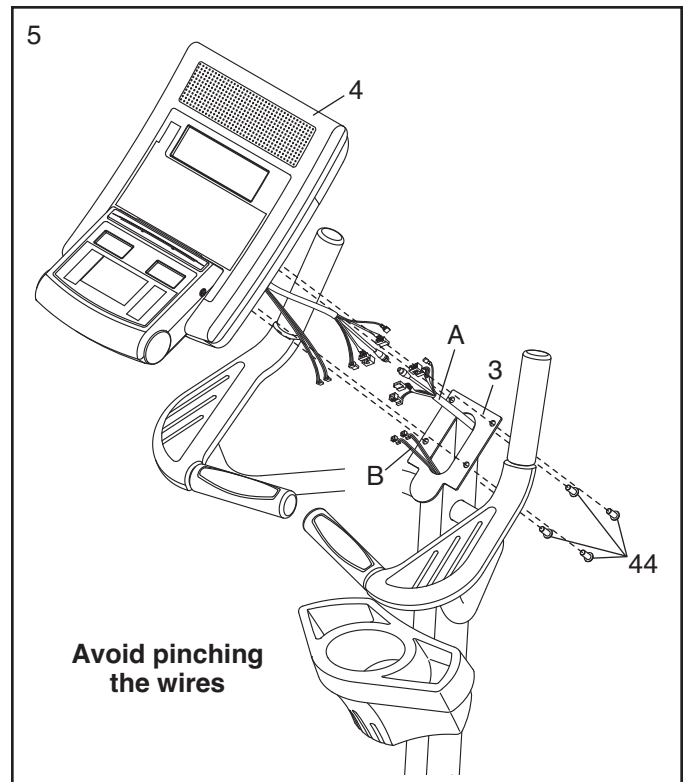
Then, slide the Upright Screw Cover (47) downward to the bottom of the Upright (3).



5. While a second person holds the Console (4) near the Upright (3), connect the wires on the Console connect the wires on the Console to the frame wires (A) and the frame pulse wires (B).

Note: Some models of the exercise bike have an optional Workout TV. Some of the wires are for the Workout TV.

Tip: Avoid pinching the wires. Attach the Console (4) to the Upright (3) with four M8 x 20mm Screws (44).



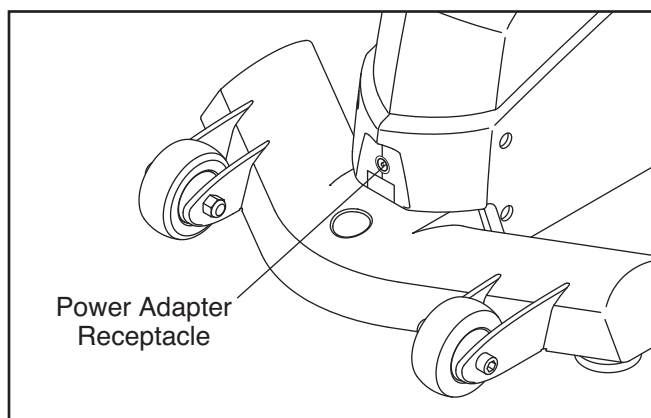
6. **Make sure that all parts of the exercise bike are properly tightened.** Note: Some hardware may be left over after assembly is completed. To protect the floor or carpet from damage, place a mat under the exercise bike.

HOW TO SET UP THE EXERCISE BIKE

HOW TO PLUG IN THE POWER ADAPTER

IMPORTANT: If the exercise bike has been exposed to cold temperatures, allow it to warm to room temperature before plugging in the power adapter. If you do not do this, the console displays or other electronic components may become damaged.

To use the power adapter, first plug one end of the power adapter into the receptacle on the front of the exercise bike. Plug the other end of the power adapter into an appropriate outlet that is properly installed in accordance with all local codes and ordinances.

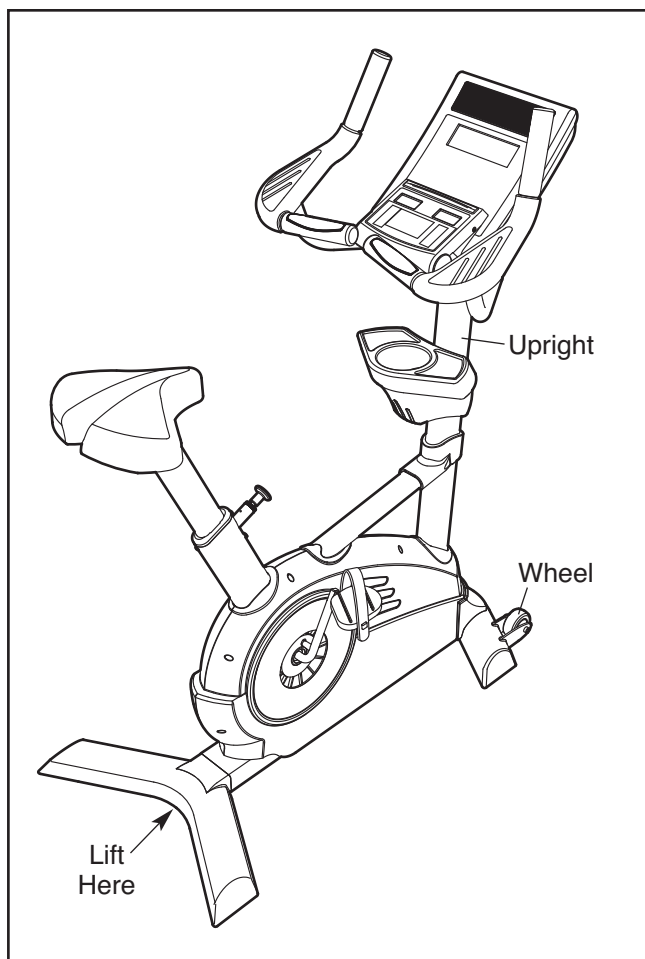


Note: Some models of the exercise bike have an optional Workout TV. Any other jacks and cables on the front of the exercise bike are for use with the optional Workout TV.

HOW TO MOVE THE EXERCISE BIKE

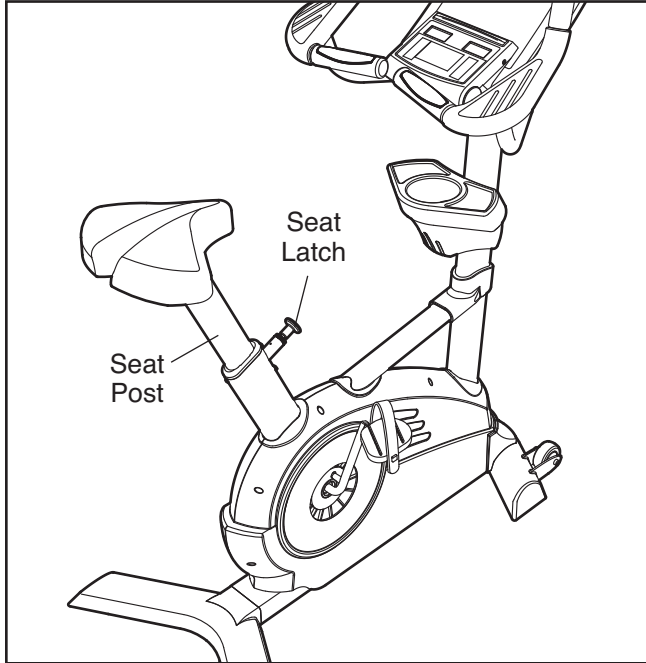
Before moving the exercise bike, make sure that the power adapter is unplugged.

Due to the size and weight of the exercise bike, moving it requires two persons. While one person lifts the indicated end, firmly hold the upright and tip the exercise bike forward until it rolls on the front wheels. Carefully move the exercise bike to the desired location and then lower it back to the level position. **CAUTION: To reduce the risk of injury, use extreme caution while moving the exercise bike. Do not attempt to move the exercise bike over uneven surfaces.**



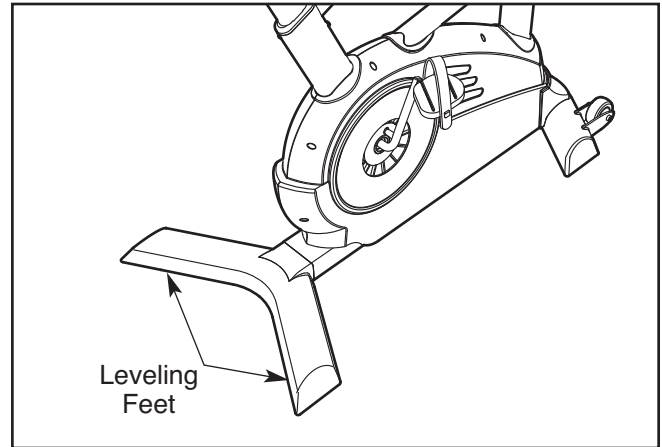
HOW TO ADJUST THE SEAT

For effective exercise, the seat should be at the proper height. As you pedal, there should be a slight bend in your knees when the pedals are in the lowest position. To adjust the height of the seat, pull the seat latch, slide the seat upward or downward to the desired position, and then release the seat latch.

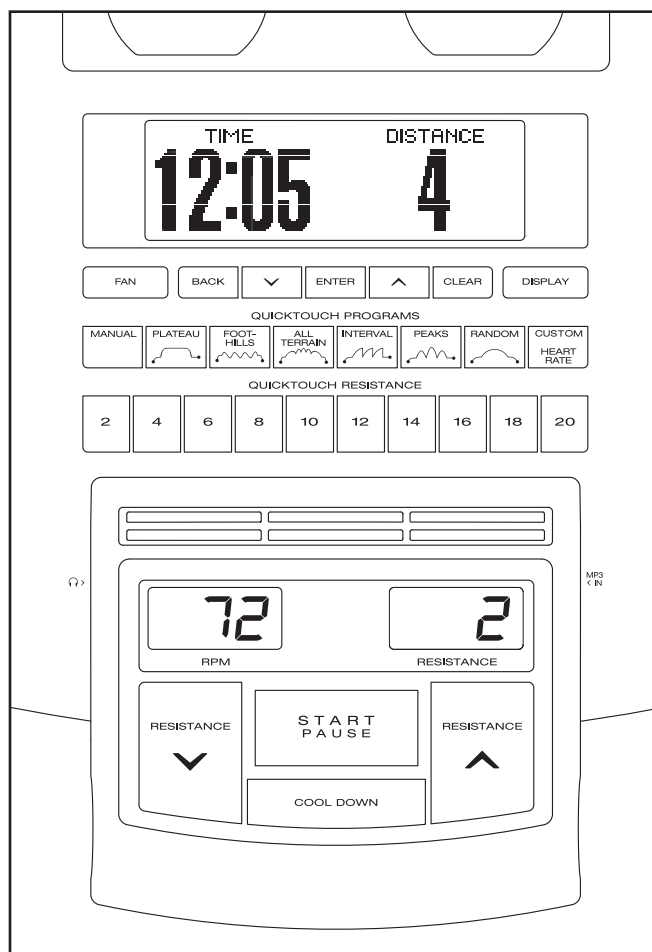


HOW TO LEVEL THE EXERCISE BIKE

If the exercise bike rocks slightly during use, turn the leveling feet under the rear or the front stabilizer until the rocking motion is eliminated.



CONSOLE DIAGRAM



FEATURES OF THE CONSOLE

The advanced console offers an array of features designed to make your workouts more effective and enjoyable.

The quick start mode of the console allows you to change the resistance of the pedals with the touch of a button. As you exercise, the console will provide continuous exercise feedback. You can even measure your heart rate using the handgrip pulse sensor or the optional chest pulse sensor.

The console also offers the following programs:

Twenty-three preset programs that automatically change the resistance of the pedals and prompt you to maintain a target pace while guiding you through an effective workout.

Three manual programs that allow you to set your own time, distance, or calorie goal for the workout.

Two custom programs that allow you to create your own workouts and store them in memory for future use.

Two heart rate programs that automatically adjust the resistance of the pedals to keep your heart rate near a target level during your workouts.

A watts program that changes the resistance of the pedals to keep your power output near a target level during your workout.

A cool down mode that will help you recover from your workout when you are finished exercising.

The console also features the iFit interactive workout system that enables the console to accept iFit cards containing workouts designed to help you achieve specific fitness goals. **To purchase iFit cards, please see the back cover of this manual or go to www.iFit.com. iFit cards are also available at select stores.**

You can even connect your MP3 player or CD player to the console sound system and listen to your favorite workout music or audio books while you exercise.

To activate the console, see page 12. **To turn off the console**, see page 12. **To use the quick start mode**, see page 13. **To use a MANUAL program**, see page 15. **To use a preset program**, see page 17. **To create a CUSTOM program**, see page 19. **To use a CUSTOM program**, see page 20. **To use a HEART RATE program**, see page 22. **To use the CONSTANT WATTS program**, see page 23. **To use the COOL DOWN mode**, see page 24. **To use the maintenance mode**, see page 25. **To use an iFit workout**, see page 26. **To use the sound system**, see page 26.

HOW TO ACTIVATE THE CONSOLE

See HOW TO PLUG IN THE POWER ADAPTER on page 9. When the power adapter is plugged in, the main display will turn on and the console will be ready for use.

IMPORTANT: If the exercise bike has been exposed to cold temperatures, allow it to warm to room temperature before turning on the console. If you do not do this, the console displays or other electronic components may become damaged.

HOW TO TURN OFF THE CONSOLE

If the pedals are not moved for a short period of time, the console will enter an idle mode and a screen saver will appear in the main display. Unplug the power adapter when the exercise bike is not in use.

HOW TO USE THE QUICK START MODE

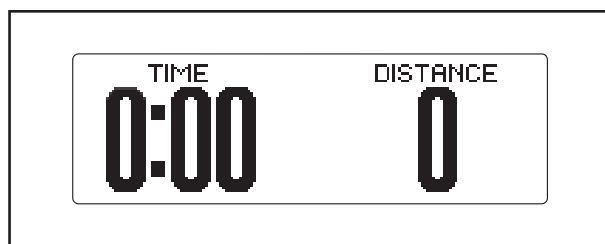
If you choose not to use a program, the quick start mode will allow you to start exercising and adjust the resistance of the pedals manually.

1. Press any button or begin pedaling to activate the console.

See HOW TO ACTIVATE THE CONSOLE on page 12.

2. Select the quick start mode.

When you activate the console, the quick start mode will be selected. If you have selected a program, reselect the quick start mode by pressing any of the QUICKTOUCH PROGRAMS buttons repeatedly until zeros appear in the display.



3. Start the quick start mode and change the resistance of the pedals as desired.

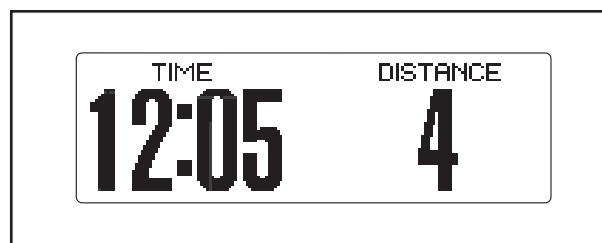
Press the START button to start the quick start mode.

As you pedal, change the resistance of the pedals by pressing the RESISTANCE increase and decrease buttons or the numbered QUICKTOUCH RESISTANCE buttons. Note: After you press a RESISTANCE button, it will take a moment for the pedals to reach the selected resistance level.

4. Follow your progress with the displays.

The main display—This display will show the elapsed time and the distance that you have pedaled. Note: When a preset program, a custom program, or the MANUAL TIME program is selected, the display will show the time remaining in the program instead of the elapsed time.

The main display will also show your heart rate (in beats per minute) when you use the handgrip pulse sensor or the optional chest pulse sensor (see step 5 on page 14).



You can also view selected information at a larger size. Press the DISPLAY button repeatedly to view the elapsed time, the distance that you have pedaled, or the approximate number of calories that you have burned.

To view the elapsed time, your exercise intensity in METS, the approximate number of calories you have burned, the distance that you have pedaled, your power output in watts, the approximate number of calories you are burning per hour, and your heart rate in one display, press the DISPLAY button again.

To view the elapsed time, the distance that you have pedaled, and the approximate number of calories you have burned in one display, press the DISPLAY button again.

To again view the elapsed time and the distance that you have pedaled, press the DISPLAY button again.

The lower left display—This display will show your pedaling pace in revolutions per minute (rpm).



The lower right display—This display will show the resistance level of the pedals.



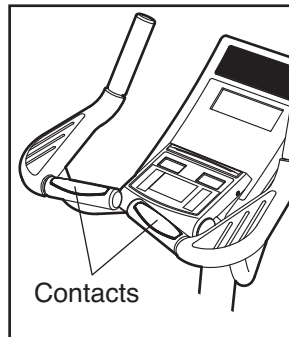
Press the PAUSE button to pause the quick start mode at any time. Simply resume pedaling or press the START button to restart the quick start mode. Press the CLEAR button to reset the displays.

Note: The main display may be able to display text messages in other languages (see step 6 on page 25).

5. Measure your heart rate if desired.

You can measure your heart rate using either the handgrip pulse sensor or the optional chest pulse sensor (see page 26 for information about the optional chest pulse sensor).

If there are sheets of plastic on the metal contacts on the handgrip pulse sensor, remove the plastic. In addition, make sure that your hands are clean. To measure your heart rate, hold the handgrip pulse sensor with your palms resting against the metal contacts. **Avoid moving your hands or gripping the contacts tightly.**



When you hold the handgrip pulse sensor, a small heart symbol will appear in the display. Then, when your pulse is detected, your heart rate will be shown in the display next to the heart symbol. For the most accurate heart rate reading, hold the contacts for at least 15 seconds.

If your heart rate is not shown, make sure that your hands are positioned as described. Be careful not to move your hands excessively or to squeeze the metal contacts tightly. For optimal performance, clean the metal contacts using a soft cloth; **never use alcohol, abrasives, or chemicals to clean the contacts.**

6. Turn on the fan if desired.

The fan has high and low speed settings. Press the FAN button repeatedly to select a fan speed or to turn off the fan. Note: If the pedals do not move for about thirty seconds, the fan will turn off automatically.

Pivot the fan louvers upward or downward to direct the airflow from the fan.

7. When you are finished using the exercise bike, the console will enter an idle mode.

See HOW TO TURN OFF THE CONSOLE on page 12.

HOW TO USE A MANUAL PROGRAM

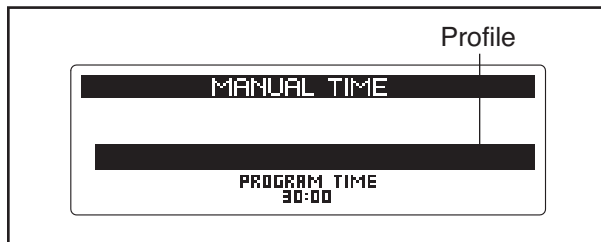
A MANUAL program allows you to set a time, distance, or calorie goal for your workout as you control the resistance of the pedals.

1. Press any button or begin pedaling to activate the console.

See HOW TO ACTIVATE THE CONSOLE on page 12.

2. Select a MANUAL program.

To select one of the three MANUAL programs, first press the MANUAL button repeatedly until the words MANUAL TIME, MANUAL DISTANCE, or MANUAL CALORIES appear in the main display. A profile of the resistance settings of the program and the program goal will also appear in the display. Then, press the ENTER button to confirm your selection.



3. Enter your age.

A moment after you select a MANUAL program, the words “ENTER AGE” and an age setting of 35 will flash in the main display. To enter your age, press the increase and decrease buttons beside the ENTER button. Then, press the ENTER button.



4. Enter your weight.

Next, the words “ENTER WEIGHT” and a weight setting of 185 pounds (US) will appear in the main display. To enter your weight (1 kilogram = 2.2 pounds), press the increase and decrease buttons beside the ENTER button. Then, press the ENTER button.



5. Enter a goal for the program.

If you selected the MANUAL TIME program, the words “ENTER WORKOUT TIME” and a time setting of 30 minutes will appear in the main display. To change the length of time that the program will last, press the increase and decrease buttons beside the ENTER button. You can enter a program time between 10 and 90 minutes. Then, press the ENTER button.

If you selected the MANUAL DISTANCE program, the words “ENTER WORKOUT DISTANCE” and a distance setting will appear in the main display. To change the distance goal for the program, press the increase and decrease buttons beside the ENTER button.

If you selected the MANUAL CALORIES program, the words “ENTER WORKOUT CALORIES” and a calorie setting of 300 calories will appear in the main display. To change the calorie goal for the program, press the increase and decrease buttons beside the ENTER button. You can enter a calorie goal between 100 and 600 calories. Then, press the ENTER button.

6. Start the program.

Press the START button or begin pedaling to start the program.

Each program is divided into several one-minute segments. During the program, the program profile will show your progress (see the drawing in step 2 on page 15). The flashing segment of the profile represents the current segment of the program. The height of the flashing segment indicates the resistance level for the current segment. At the end of each segment of the program, a series of tones will sound and the next segment of the profile will begin to flash.

As you pedal, change the resistance of the pedals as desired by pressing the RESISTANCE increase and decrease buttons or the numbered QUICK-TOUCH RESISTANCE buttons. There are twenty resistance levels. Note: After you press a RESISTANCE button, it will take a moment for the pedals to reach the selected resistance level. The default resistance level for the MANUAL programs is resistance level 3.

The program will continue in this way until the last segment of the profile flashes. To stop the program at any time, stop pedaling or press the PAUSE button. To restart the program, simply resume pedaling or press the START button. To exit the program at any time, press the CLEAR button.

7. Follow your progress with the displays.

During a MANUAL program, the main display will show the time, your exercise intensity in METS, the approximate number of calories you have burned, the approximate number of calories you are burning per hour, and the distance that you have pedaled. The main display will also show your heart rate when you use the handgrip pulse sensor (see step 5 on page 14) or the optional chest pulse sensor (see page 26).

If you selected the MANUAL TIME program, the main display will count down the time remaining in the program. **If you selected the MANUAL DISTANCE program**, the main display will count down the distance in total revolutions. **If you selected the MANUAL CALORIES program**, the main display will count down the approximate number of calories you are burning.

To view the time, your exercise intensity in METS, and your power output in watts, press the DISPLAY button.

To view the time, the approximate number of calories you have burned, and the distance that you have pedaled, press the DISPLAY button again.

To again view the time, your exercise intensity in METS, the approximate number of calories you have burned, the approximate number of calories you are burning per hour, and the distance that you have pedaled, press the DISPLAY button again.

8. Measure your heart rate if desired.

See step 5 on page 14.

9. Turn on the fan if desired.

See step 6 on page 14.

10. When you are finished using the exercise bike, the console will enter an idle mode.

See HOW TO TURN OFF THE CONSOLE on page 12.

HOW TO USE A PRESET PROGRAM

A preset program will automatically change the resistance of the pedals and prompt you to maintain a target pace while guiding you through your workout.

1. Press any button or begin pedaling to activate the console.

See HOW TO ACTIVATE THE CONSOLE on page 12.

2. Select a preset program.

To select one of the twenty-three preset programs, first press the PLATEAU, FOOTHILLS, ALL TERRAIN, INTERVAL, PEAKS, or RANDOM button repeatedly until the name of the desired preset program appears in the main display. A profile of the resistance settings of the program, the maximum resistance level, the program time, and the maximum rpm setting for the program will also appear in the display. Then, press the ENTER button to confirm your selection.



3. Enter your age.

A moment after you select a preset program, the words “ENTER AGE” and an age setting of 35 will flash in the main display. To enter your age, press the increase and decrease buttons beside the ENTER button. Then, press the ENTER button.



4. Enter your weight.

Next, the words “ENTER WEIGHT” and a weight setting of 185 pounds (US) will appear in the main display. To enter your weight (1 kilogram = 2.2 pounds), press the increase and decrease buttons beside the ENTER button. Then, press the ENTER button.



5. Start the program.

Press the START button or begin pedaling to start the program.

Each preset program is divided into 20 or 30 one-minute segments. One resistance level and one target rpm (pace) setting is programmed for each segment. Note: The same resistance setting and/or target rpm may be programmed for consecutive segments.

During the program, the program profile will show your progress (see the drawing to the left). The flashing column of the profile represents the current segment of the program. The height of the flashing column indicates the resistance level for the current segment. At the end of each segment of the program, a series of tones will sound and the next segment of the profile will begin to flash. If a different resistance level is programmed for the next segment, the resistance level will appear in the display for a few seconds to alert you. The resistance of the pedals will then change.

As you exercise, keep your pedaling pace near the target rpm setting for the current segment, which is shown in the main display.

IMPORTANT: The target rpm settings are intended only to provide motivation. Your actual pace may be slower than the target rpm settings. Make sure to pedal at a pace that is comfortable for you.



If the resistance level for the current segment is too high or too low, you can manually override the setting by pressing the RESISTANCE buttons. However, when the current segment ends, the pedals will automatically adjust to the resistance level for the next segment.

The program will continue in this way until the last segment of the profile flashes. To stop the program at any time, stop pedaling or press the PAUSE button. To resume the program, simply resume pedaling or press the START button. To exit the program at any time, press the CLEAR button.

6. Follow your progress with the displays.

During a preset program, the main display will show the elapsed time, your exercise intensity in METS, the approximate number of calories you have burned, the approximate number of calories you are burning per hour, and the distance you have pedaled. The main display will also show your heart rate when you use the handgrip pulse sensor (see step 5 on page 14) or the optional chest pulse sensor (see page 26).

To view the time, your exercise intensity in METS, and your power output in watts, press the DISPLAY button.

To view the time, the approximate number of calories you have burned, and the distance you have pedaled, press the DISPLAY button again.

To again view the time, your exercise intensity in METS, the approximate number of calories you have burned, the approximate number of calories you are burning per hour, and the distance that you have pedaled, press the DISPLAY button again.

7. Measure your heart rate if desired.

See step 5 on page 14.

8. Turn on the fan if desired.

See step 6 on page 14.

9. When you are finished using the exercise bike, the console will enter an idle mode.

See HOW TO TURN OFF THE CONSOLE on page 12.

HOW TO CREATE A CUSTOM PROGRAM

A custom program allows you to create your own workouts and store them in memory for future use.

1. Press any button or begin pedaling to activate the console.

See HOW TO ACTIVATE THE CONSOLE on page 12.

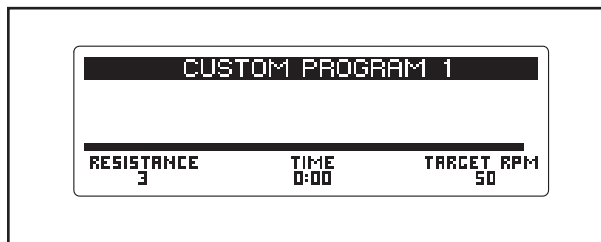
2. Select the maintenance mode.

Hold down the CLEAR button and the ENTER button simultaneously for a few seconds to select the maintenance mode. Note: For more information about the maintenance mode, see page 25.

When the maintenance mode is selected, the words "MAINTENANCE MODE SCREEN 1" will appear in the main display. Press the DISPLAY button repeatedly until the words "MAINTENANCE MODE SCREEN 4" and a menu of custom programs appears in the main display. You can now select and change the settings for a custom program.

3. Select a custom program.

To select one of the two custom programs, press the DISPLAY button repeatedly until the name of the desired custom program is highlighted, and then press the ENTER button. The name of the custom program and a profile of the resistance settings for the program will then appear in the main display. The resistance level, the program time, and the target rpm will also appear in the main display.



4. Program the desired program settings.

Each custom workout is divided into 30 one-minute segments. You can program one resistance level and one target rpm (pace) setting for each segment.

To program a resistance level for the first segment, simply adjust the resistance of the pedals by pressing the RESISTANCE increase and decrease buttons or the numbered QUICKTOUCH RESISTANCE buttons.

To program a target rpm setting for the first segment, press the increase and decrease buttons beside the ENTER button. Then, press the ENTER button to move to the next segment of the profile.

Program a resistance level and a target rpm setting for the second segment as described above. Continue to program resistance levels and target rpm settings until all segments of the custom program have been programmed.

Note: While programming segments, press the ENTER button to move to the right in the profile; press the BACK button to move to the left in the profile.

5. Exit the custom program and program other custom programs as desired.

When you program settings for the last segment of the program and press the ENTER button, the console will automatically exit the custom program and return to the menu of custom programs.

Repeat steps 3 and 4 to select and program another custom program, if desired.

6. Exit the maintenance mode.

Press the DISPLAY button repeatedly to exit the maintenance mode. When you exit the maintenance mode, the custom program will be saved in memory.

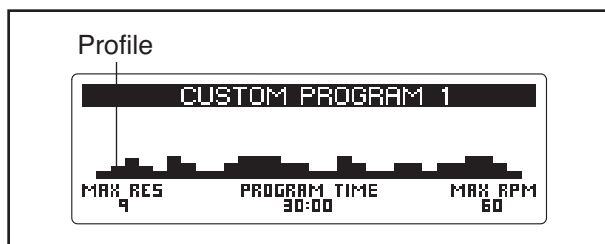
HOW TO USE A CUSTOM PROGRAM

1. **Press any button or begin pedaling to activate the console.**

See HOW TO ACTIVATE THE CONSOLE on page 12.

2. **Select a custom program.**

To select one of the two CUSTOM programs, first press the CUSTOM/HEART RATE button repeatedly until the name of the desired custom program appears in the main display. A profile of the resistance settings of the program, the maximum resistance level, the program time, and the maximum rpm setting for the program will also appear in the display. Then, press the ENTER button to confirm your selection.



Note: If only a level row of indicators appears in the program profile, see HOW TO CREATE A CUSTOM PROGRAM on page 19.

3. **Enter your age.**

A moment after you select a CUSTOM program, the words “ENTER AGE” and an age setting of 35 will flash in the main display. To enter your age, press the increase and decrease buttons beside the ENTER button. Then, press the ENTER button.



4. **Enter your weight.**

Next, the words “ENTER WEIGHT” and a weight setting of 185 pounds (US) will appear in the main display. To enter your weight (1 kilogram = 2.2 pounds), press the increase and decrease buttons beside the ENTER button. Then, press the ENTER button.



5. **Start the program.**

Press the START button or begin pedaling to start the program.

Each CUSTOM program is divided into 30 one-minute segments. One resistance setting and one target rpm (pace) is programmed for each segment. Note: The same resistance setting and/or target rpm may be programmed for consecutive segments.

During the program, the program profile will show your progress (see the drawing to the left). The flashing column of the profile represents the current segment of the program. The height of the flashing column indicates the resistance level for the current segment. At the end of each segment of the program, a series of tones will sound and the next segment of the profile will begin to flash. If a different resistance level is programmed for the next segment, the resistance level will appear in the display for a few seconds to alert you. The resistance of the pedals will then change.

As you exercise, keep your pedaling pace near the target rpm setting for the current segment, which is shown in the main display.

IMPORTANT: The target rpm settings are intended only to provide motivation. Your actual pace may be slower than the target rpm settings. Make sure to pedal at a pace that is comfortable for you.



If the resistance level for the current segment is too high or too low, you can manually override the setting by pressing the RESISTANCE buttons. However, when the current segment ends, the pedals will automatically adjust to the resistance level for the next segment.

The program will continue in this way until the last segment of the profile flashes. To stop the program at any time, stop pedaling or press the PAUSE button. To restart the program, simply resume pedaling or press the START button. To exit the program at any time, press the CLEAR button. To change the settings of the custom program, see HOW TO CREATE A CUSTOM PROGRAM on page 19.

6. Follow your progress with the displays.

During a CUSTOM program, the main display will show the elapsed time, your exercise intensity in METS, the approximate number of calories you have burned, the approximate number of calories you are burning per hour, and the distance you have pedaled. The main display will also show your heart rate when you use the handgrip pulse sensor (see step 5 on page 14) or the optional chest pulse sensor (see page 26).

To view the time, your exercise intensity in METS, and your power output in watts, press the DISPLAY button.

To view the time, the approximate number of calories you have burned, and the distance that you have pedaled, press the DISPLAY button again.

To again view the time, your exercise intensity in METS, the approximate number of calories you have burned, the approximate number of calories you are burning per hour, and the distance that you have pedaled, press the DISPLAY button again.

7. Measure your heart rate if desired.

See step 5 on page 14.

8. Turn on the fan if desired.

See step 6 on page 14.

9. When you are finished using the exercise bike, the console will enter an idle mode.

See HOW TO TURN OFF THE CONSOLE on page 12.

HOW TO USE A HEART RATE PROGRAM

The CONSTANT HEART RATE program will automatically control the resistance of the pedals to keep your heart rate near a target level during your workout.

The VARIABLE HEART RATE program will automatically control the resistance of the pedals to keep your heart rate within a target range during your workout.

1. Press any button or begin pedaling to activate the console.

See HOW TO ACTIVATE THE CONSOLE on page 12.

2. Select a HEART RATE program.

To select one of the two HEART RATE programs, first press the CUSTOM/HEART RATE button repeatedly until the name of the desired heart rate program appears in the main display. A profile of the resistance settings of the program, the maximum resistance level, the program time, and the maximum rpm setting for the program will also appear in the display. Then, press the ENTER button to confirm your selection.

3. Enter a maximum heart rate setting.

A moment after you select a HEART RATE program, the words “ENTER MAXIMUM PERCENTAGE” and a percentage setting of 65 will flash in the main display. The maximum heart rate setting represents a *percentage* of your *estimated maximum heart rate*. Note: Your maximum heart rate is estimated by subtracting your age from 220. For example, if you are 30 years old, your estimated maximum heart rate is 190 beats per minute ($220 - 30 = 190$). Therefore, if you are 30 years old, a target heart rate setting of 50% is equal to 95 beats per minute (50% of 190 is 95).

To enter a maximum heart rate setting, press the increase and decrease buttons beside the ENTER button. Then, press the ENTER button.

4. Start the program.

Press the START button or begin pedaling to start the program.

Each HEART RATE program is divided into 30 one-minute segments. One target heart rate setting is programmed for each segment. Note: If you selected the CONSTANT HEART RATE program, the same target heart rate setting is programmed for all segments.

During the program, the program profile will show your progress. The console will regularly compare your heart rate to the target heart rate setting for the current segment of the workout. If your heart rate is too far below or above the target heart rate setting, the resistance of the pedals will automatically increase or decrease to bring your heart rate closer to the target heart rate setting. Each time the resistance changes, the resistance level will appear in the display for a few seconds to alert you.

You will also be prompted to pedal at a steady pace so you can maintain your target heart rate. As you exercise, keep your pedaling pace near the target rpm setting for the current segment, which is shown in the main display. **IMPORTANT: The target rpm settings are intended only to provide motivation. Your actual pace may be slower than the target rpm settings. Make sure to pedal at a pace that is comfortable for you.**



The program will continue in this way until the last segment of the profile flashes. To stop the program at any time, stop pedaling or press the PAUSE button. To resume the program, simply resume pedaling or press the START button. To exit the program at any time, press the CLEAR button.

5. Follow your progress with the displays.

During a HEART RATE program, the main display will show the elapsed time, your exercise intensity in METS, the approximate number of calories you have burned, the approximate number of calories you are burning per hour, and the distance that you have pedaled. The main display will also show your heart rate when you use the handgrip pulse sensor (see step 5 on page 14) or the optional chest pulse sensor (see page 26).

To view the time, your exercise intensity in METS, and your power output in watts, press the DISPLAY button.

To view the time, the approximate number of calories you have burned, and the distance that you have pedaled, press the DISPLAY button again.

To again view the time, your exercise intensity in METS, the approximate number of calories you have burned, the approximate number of calories you are burning per hour, and the distance that you have pedaled, press the DISPLAY button again.

6. Measure your heart rate if desired.

See step 5 on page 14.

7. Turn on the fan if desired.

See step 6 on page 14.

8. When you are finished using the exercise bike, the console will enter an idle mode.

See HOW TO TURN OFF THE CONSOLE on page 12.

HOW TO USE THE CONSTANT WATTS PROGRAM

1. Press any button or begin pedaling to activate the console.

See HOW TO ACTIVATE THE CONSOLE on page 12.

2. Select the CONSTANT WATTS program.

To select the CONSTANT WATTS program, first press the CUSTOM/HEART RATE button repeatedly until the name of the custom watts program appears in the main display.

3. Enter your age.

A moment after you select the CONSTANT WATTS program, the words "ENTER AGE" and an age setting of 35 will flash in the main display. To enter your age, press the increase and decrease buttons beside the ENTER button. Then, press the ENTER button.

4. Enter your weight.

Next, the words "ENTER WEIGHT" and a weight setting of 185 pounds (US) will appear in the main display. To enter your weight (1 kilogram = 2.2 pounds), press the increase and decrease buttons beside the ENTER button. Then, press the ENTER button.

5. Enter a program time.

The words "ENTER WORKOUT TIME" and a time setting of 30 minutes will appear in the main display. To change the length of time that the program will last, press the increase and decrease buttons beside the ENTER button. You can enter a program time between 10 and 90 minutes. Then, press the ENTER button.

6. Enter a target watts setting.

Then, the words “ENTER TARGET WATTS” and a watts setting will flash in the main display.

To enter a target watts setting, press the increase and decrease buttons beside the ENTER button. Then, press the ENTER button.

7. Start the program.

Press the START button or begin pedaling to start the program.

The CONSTANT WATTS program is divided into one-minute segments.

During the program, the program profile will show your progress. The console will regularly compare your power output to the target watts setting.

If your power output is too far below or above the target watts setting, the resistance of the pedals will automatically increase or decrease to bring your power output closer to the target watts setting. Each time the resistance changes, the resistance level will appear in the display for a few seconds to alert you.

The program will continue in this way until the last segment of the profile flashes. To stop the program at any time, stop pedaling or press the PAUSE button. To resume the program, simply resume pedaling or press the START button. To exit the program at any time, press the CLEAR button.

8. Follow your progress with the displays.

During the CONSTANT WATTS program, the main display will show the elapsed time, your exercise intensity in METS, the approximate number of calories you have burned, the approximate number of calories you are burning per hour, and the distance that you have pedaled. The main display will also show your heart rate when you use the hand-grip pulse sensor (see step 5 on page 14) or the optional chest pulse sensor (see page 26).

To view the time, your exercise intensity in METS, and your power output in watts, press the DISPLAY button.

To view the time, the approximate number of calories you have burned, and the distance that you have pedaled, press the DISPLAY button again.

To again view the time, your exercise intensity in METS, the approximate number of calories you have burned, the approximate number of calories you are burning per hour, and the distance that you have pedaled, press the DISPLAY button again.

9. Measure your heart rate if desired.

See step 5 on page 14.

10. Turn on the fan if desired.

See step 6 on page 14.

11. When you are finished using the exercise bike, the console will enter an idle mode.

See HOW TO TURN OFF THE CONSOLE on page 12.

HOW TO USE THE COOL DOWN MODE

The COOL DOWN mode is designed to help you cool down after you have finished exercising. Press the COOL DOWN button to use the COOL DOWN mode.

The COOL DOWN mode is divided into three one-minute segments. The cool down mode will work in the same way as a preset program (see step 5 on pages 17 and 18).

HOW TO USE THE MAINTENANCE MODE

The console features a maintenance mode that allows you to access usage information and to view and change default settings.

1. Press any button or begin pedaling to activate the console.

See HOW TO ACTIVATE THE CONSOLE on page 12.

2. Select the maintenance mode.

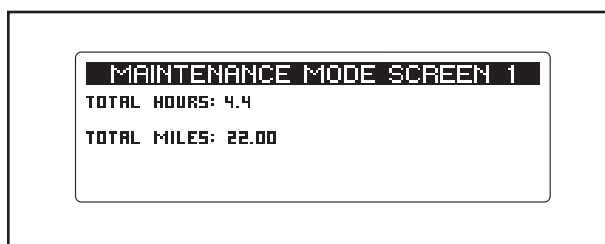
Hold down the CLEAR button and the ENTER button simultaneously for a few seconds to select the maintenance mode.

When the maintenance mode is selected, the words "MAINTENANCE MODE SCREEN 1" will appear in the main display.

Note: As you view the maintenance mode screens, press the BACK button at any time to return to the previous screen.

3. View usage information for the exercise bike.

When the words "MAINTENANCE MODE SCREEN 1" appear, the main display will show the total number of hours that the exercise bike has been used and the total distance that the exercise bike has been pedaled.



4. Change the time settings if desired.

Press the Display button. When the words "MAINTENANCE MODE SCREEN 2" appear, the main display will allow you to set a maximum program time for the programs and a default time for the pause timeout.

The maximum program time for the programs can be from 10 minutes to 90 minutes. To change the maximum program time, press the increase and decrease buttons beside the ENTER button. Then, press the DISPLAY button.

If the pedals on the exercise bike do not move for a period of time, a pause timeout will occur and the console will enter an idle mode. When the console is in the idle mode, the displays will be reset to zeros and a screen saver will appear in the main display.

The pause timeout can occur from 1 minute to 5 minutes after the pedals stop moving. To change the length of time that will elapse before the pause timeout, press the increase and decrease buttons beside the ENTER button.

5. Change the console settings if desired.

Press the Display button again. When the words "MAINTENANCE MODE SCREEN 3" appear, the main display will allow you to set a default input and a default volume level.

You can set the default input for the console as MP3, TV, or RCA. To change the default input, press the increase and decrease buttons beside the ENTER button. Then, press the DISPLAY button. Note: Some models of the exercise bike have an optional Workout TV. The TV and RCA input options are for use with the optional Workout TV.

The console has seven volume levels. To change the volume level, press the increase and decrease buttons beside the ENTER button.

6. Select a language for the main display.

Press the Display button again. The main display may be able to display text messages in other languages. To change the language, press the increase and decrease buttons beside the ENTER button. Then press the DISPLAY button.

7. Change the settings for a custom program if desired.

Press the Display button again. When the words "MAINTENANCE MODE SCREEN 4" appear, the main display will allow you to select and change the settings for a custom program.

To change the settings for a custom program, see HOW TO CREATE A CUSTOM PROGRAM on page 19.

8. Exit the maintenance mode.

Press the Display button to exit the maintenance mode.

HOW TO USE AN IFIT WORKOUT

iFit cards are available separately. To purchase iFit cards, go to www.iFit.com or see the front cover of this manual. iFit cards are also available at select stores.

1. Press any button or begin pedaling to activate the console.

See HOW TO ACTIVATE THE CONSOLE on page 12.

2. Insert an iFit card and select a workout.

To use an iFit workout, insert an iFit card into the iFit slot, which is located on the rear right-hand side of the console. The iFit card should slide easily into the slot. If it does not, turn the iFit card and try again.

iFit workouts function in the same way as preset workouts. To use the workout, see steps 5 to 9 on pages 17 and 18. Note: Some iFit cards contain more than one workout. To select a workout, use the increase and decrease buttons located next to the ENTER button.

3. When you are finished exercising, remove the iFit card.

Remove the iFit card when you are finished exercising. Store the iFit card in a secure place.

HOW TO USE THE SOUND SYSTEM

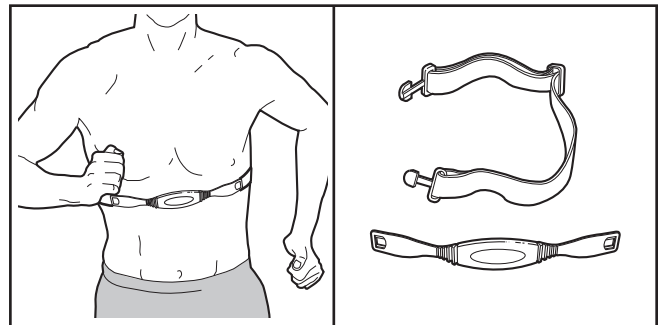
To play music or audio books through the console sound system while you exercise, plug an audio cable (not included) into the MP3 jack on the console and into a jack on your MP3 player or CD player; **make sure that the audio cable is fully plugged in.**

Next, press the play button on your MP3 player or CD player. Adjust the volume of the speakers using the volume control on your MP3 player or CD player.

You can use your own headphones with an iFit workout (see HOW TO USE AN IFIT WORKOUT to the left). To use your headphones, plug the jack on your headphones into the headphones jack on the console; **make sure that the headphones jack is fully plugged in.**

THE OPTIONAL CHEST PULSE SENSOR

The optional chest pulse sensor provides hands-free operation and continuously monitors your heart rate during your workouts. **To purchase the optional chest pulse sensor, please see the back cover of this manual.**



MAINTENANCE AND TROUBLESHOOTING

If you have questions about maintenance or troubleshooting, see the back cover of this manual.

Inspect and tighten all parts of the exercise bike regularly. Replace any worn parts immediately.

To clean the exercise bike, use a damp cloth and a small amount of mild soap. **IMPORTANT: To avoid damage to the console, keep liquids away from the console and keep the console out of direct sunlight.**

HANDGRIP PULSE SENSOR TROUBLESHOOTING

If the console does not display your heart rate when you hold the handgrip pulse sensor, or if the displayed heart rate appears to be too high or too low, see step 5 on page 14.

HOW TO LEVEL THE EXERCISE BIKE

If the exercise bike rocks slightly on your floor during use, see HOW TO LEVEL THE EXERCISE BIKE on page 10.

EXERCISE GUIDELINES

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

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

These guidelines will help you to plan your exercise program. For detailed exercise information, obtain a reputable book or consult your physician. Remember, proper nutrition and adequate rest are essential for successful results.

EXERCISE INTENSITY

Whether your goal is to burn fat or to strengthen your cardiovascular system, exercising at the proper intensity is the key to achieving results. You can use your heart rate as a guide to find the proper intensity level. The chart below shows recommended heart rates for fat burning and aerobic exercise.

165	155	145	140	130	125	115	♥♥
145	138	130	125	118	110	103	♥
125	120	115	110	105	95	90	♥
20	30	40	50	60	70	80	

To find the proper intensity level, find your age at the bottom of the chart (ages are rounded off to the nearest ten years). The three numbers listed above your age define your “training zone.” The lowest number is the heart rate for fat burning, the middle number is the heart rate for maximum fat burning, and the highest number is the heart rate for aerobic exercise.

Burning Fat—To burn fat effectively, you must exercise at a low intensity level for a sustained period of time. During the first few minutes of exercise, your body uses *carbohydrate calories* for energy. Only after the first few minutes of exercise does your body begin to use stored *fat calories* for energy. If your goal is to burn fat, adjust the intensity of your exercise until your heart rate is near the lowest number in your training zone. For maximum fat burning, exercise with your heart rate near the middle number in your training zone.

Aerobic Exercise—If your goal is to strengthen your cardiovascular system, you must perform aerobic exercise, which is activity that requires large amounts of oxygen for prolonged periods of time. For aerobic exercise, adjust the intensity of your exercise until your heart rate is near the highest number in your training zone.

WORKOUT GUIDELINES

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

Training Zone Exercise—Exercise for 20 to 30 minutes with your heart rate in your training zone. (During the first few weeks of your exercise program, do not keep your heart rate in your training zone for longer than 20 minutes.) Breathe regularly and deeply as you exercise—never hold your breath.

Cooling Down—Finish with 5 to 10 minutes of stretching. Stretching increases the flexibility of your muscles and helps to prevent post-exercise problems.

EXERCISE FREQUENCY

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

PART LIST

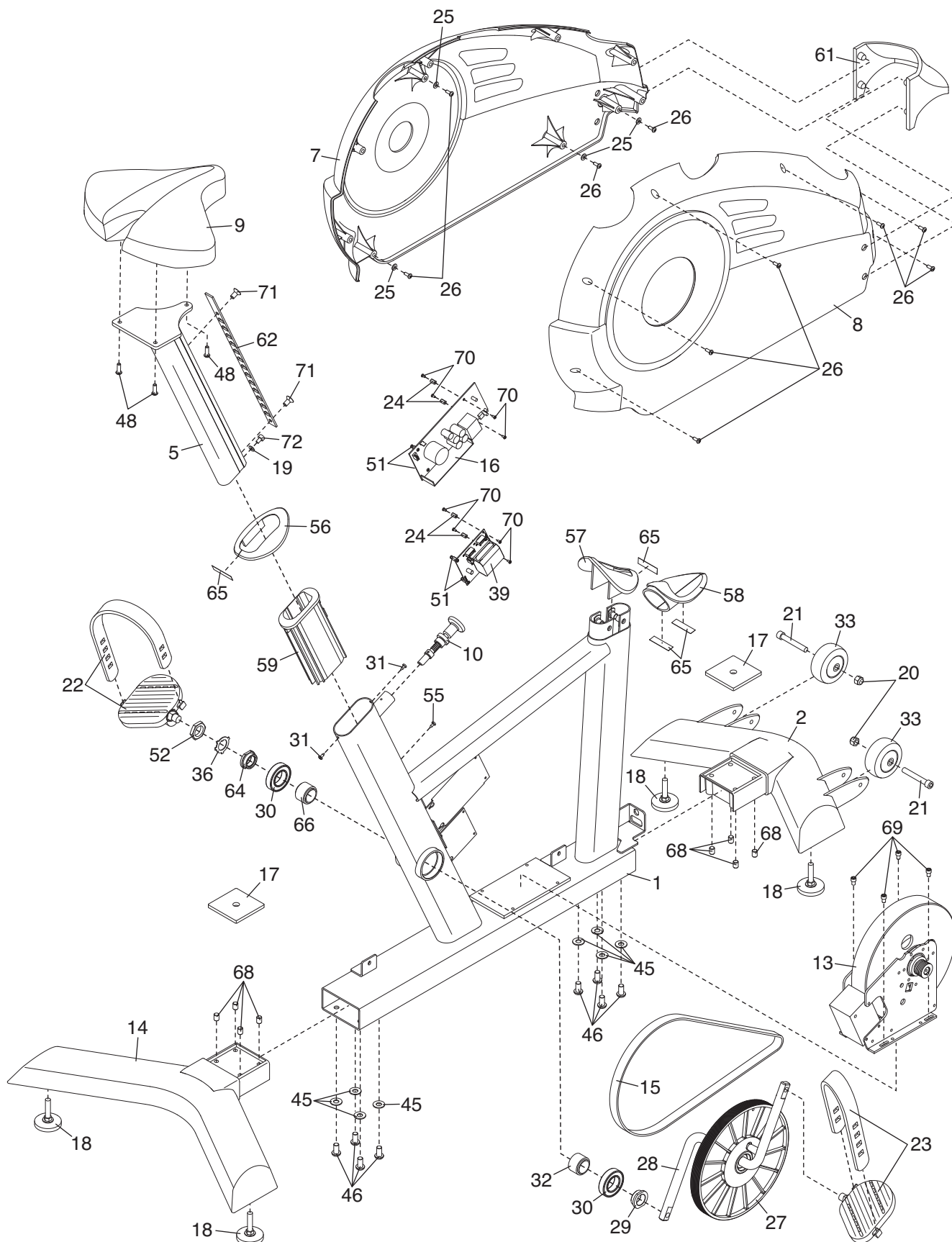
Model No. VFMEX2107-INT.0 R0610A

Key No.	Qty.	Description	Key No.	Qty.	Description
1	1	Frame	43	4	Pulse Grip Screw
2	1	Front Stabilizer	44	4	M8 x 20mm Screw
3	1	Upright	45	8	M10 Flat Washer
4	1	Console	46	8	3/8" x 3/4" Button Screw
5	1	Seat Post	47	1	Upright Screw Cover
6	1	Accessory Tray	48	3	1/4" x 3/4" Socket Screw
7	1	Left Shield	49	1	Tray Insert
8	1	Right Shield	50	1	Tray Bracket
9	1	Seat	51	4	Keyhole Standoff
10	1	Seat Latch	52	1	Crank Jam Nut
11	2	Hand Pulse Grip	53	2	Hand Grip
12	1	Tray Cover	54	2	Console Plug
13	1	Generator Assembly	55	1	Seat Post Limit Screw
14	1	Rear Stabilizer	56	1	Seat Post Collar
15	1	Drive Belt	57	1	Upright Collar
16	1	Control Board	58	1	Crossbar Collar
17	2	Stabilizer Plate	59	1	Seat Post Sleeve
18	4	Leveling Foot	60	1	Console Back
19	1	Seat Lock Washer	61	1	Shield Cover
20	2	Wheel Nut	62	1	Adjustment Bar
21	2	Wheel Bolt	63	1	Console Back Cover
22	1	Left Pedal/Strap	64	1	Left Crank Nut Bushing
23	1	Right Pedal/Strap	65	4	Tape
24	4	Standoff	66	1	Left Crank Spacer
25	4	Shield Washer	67	3	Console Back Cover Screw
26	10	Shield Screw	68	8	Set Screw
27	1	Pulley	69	4	Generator Screw
28	1	Crank	70	8	PCB Screw
29	1	Right Crank Nut Bushing	71	2	Adjustment Bar Screw
30	2	Crank Bearing	72	1	Socket Head Limit Screw
31	2	Seat Post Sleeve Screw	*	—	User's Manual
32	1	Right Crank Spacer	*	—	Assembly Tool
33	2	Transport Wheel	*	—	Right Hand Pulse Sensor Wire
34	1	Left Handlebar Cover	*	—	Left Hand Pulse Sensor Wire
35	1	Right Handlebar Cover	*	—	Console Wire
36	1	Crank Lock Washer	*	—	CN-3 Jumper Wire
37	4	Contact	*	—	Ground Wire
38	4	Pulse Grip Insert	*	—	CN-2 Generator Wire
39	1	Battery Board	*	—	CN-1 Generator Wire
40	6	Handlebar Cover Screw	*	—	Power Receptacle/Harness
41	4	M8 x 20mm Flat Head Screw	*	—	Power Cord
42	2	5/16" x 1" Barrel Nut	*	—	Power Adapter

Note: Specifications are subject to change without notice. For information about ordering replacement parts, see the back cover of this manual. *These parts are not illustrated.

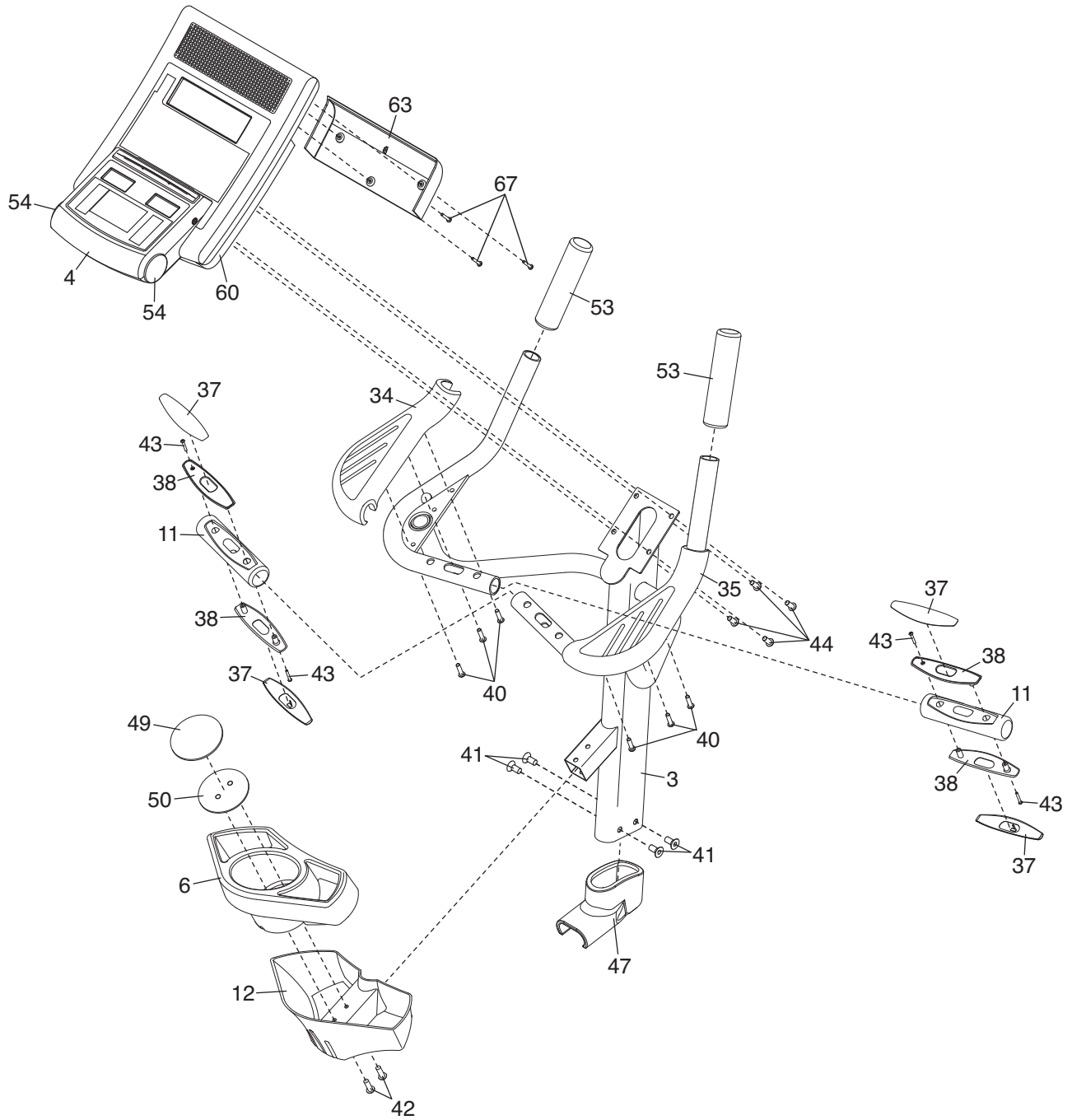
EXPLODED DRAWING A

Model No. VFMEX2107-INT.0 R0610A



EXPLODED DRAWING B

Model No. VFMEX2107-INT.0 R0610A



HOW TO CONTACT CUSTOMER CARE

If you have questions after reading this manual, or if parts are damaged or missing, **please contact the store where you purchased this product.** If you are unable to contact the store, contact Customer Care at one of the phone numbers or addresses listed below. **Please note the model number, serial number, and name of the product (see the front cover of this manual) before contacting Customer Care. If you are ordering replacement parts, please also note the key number and description of each part (see the PART LIST and the EXPLODED DRAWING near the end of this manual).**

In the United States

Call: 1-866-799-8946, Mon.–Fri. 8 a.m.–5 p.m. MT
Email: fmfvcustomerservice@freemotionfitness.com

Write:

FreeMotion Fitness
1500 South 1000 West
Logan, UT 84321-9813
United States

Outside the United States

Call: 001-435-786-3521
Email: intlcustomercare@freemotionfitness.com

LIMITED WARRANTY

FreeMotion Fitness warrants this product to be free from defects in workmanship and material under normal use and service conditions. The warranty period commences on the invoice date of purchase. Any parts repaired or replaced during this warranty period will be warranted for the remainder of the original warranty period.

WARRANTY PERIODS AND COVERAGE

Residential	Light Commercial
Frame: Lifetime	Frame: Lifetime
Parts: 3 years	Parts: 2 years
Labor: 1 year	Labor: 1 year

Light commercial use is defined as a non-dues-paying institutional setting to include hotels, apartment fitness centers, corporate fitness centers, fire/police stations, and hospital/physical therapy settings. This product is not intended to be used in large, heavy-use settings such as health clubs, colleges/universities, community centers, or military installations. Use of this product in such facilities will void this warranty.

CONDITIONS AND LIMITATIONS

The following will void the warranty on this product:

1. This warranty applies only to the original owner and is non-transferable.
2. The labor warranty applies only to products sold in the US and Canada. Contact your authorized FreeMotion Fitness dealer for details on labor coverage in your country
3. Any misuse, abuse, or improper service
4. Users in excess of 350 lbs. (159 kg) in weight.
5. Damage caused by moving the product or improper storage including moving or storing the product on its side.
6. Use or storage of the product outdoors or in high-humidity environments including spa and pool areas.
7. Damage caused by improper wiring or insufficient electrical current.

This warranty shall not apply to the following:

1. Cosmetic items including grips, decals, and labels.
2. Pick-up, delivery, or freight charges involved with a repair.
3. Any problem as a result of improper assembly or delivery.

WHAT TO DO IF SERVICE IS REQUIRED

FreeMotion Fitness warranty service may be obtained by contacting the authorized dealer from which you purchased this product. Make sure to retain your original invoice and serial number information. If this product experiences a failure under the warranty terms set forth, FreeMotion Fitness shall provide at their option either repair, replacement, or refund of the purchase price. FreeMotion Fitness compensates service providers for warranty trips within their service area. You may be charged additionally for service calls beyond this service area.

FreeMotion Fitness is not responsible or liable for indirect, special, or consequential damages arising out of or in connection with the use or performance of the product; damages with respect to any economic loss, loss of property, loss of revenues or profits, loss of enjoyment or use, or cost of removal or installation; or other consequential damages. Some states do not allow the exclusion or limitation of consequential damages. Accordingly, the above limitation may not apply to you. This warranty gives you specific rights, and you may have other rights that vary from state to state.

TO CONTACT FREEMOTION FITNESS

See HOW TO CONTACT CUSTOMER CARE above.