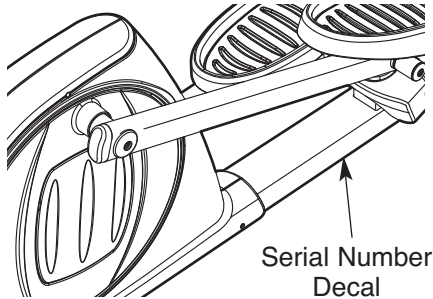


Model No. NTCCEL16909.0

Serial No. _____

Write the serial number in the space above for reference.



USER'S MANUAL

QUESTIONS?

If you have questions, or if parts are damaged or missing, **PLEASE CONTACT OUR CUSTOMER SERVICE DEPARTMENT DIRECTLY.**

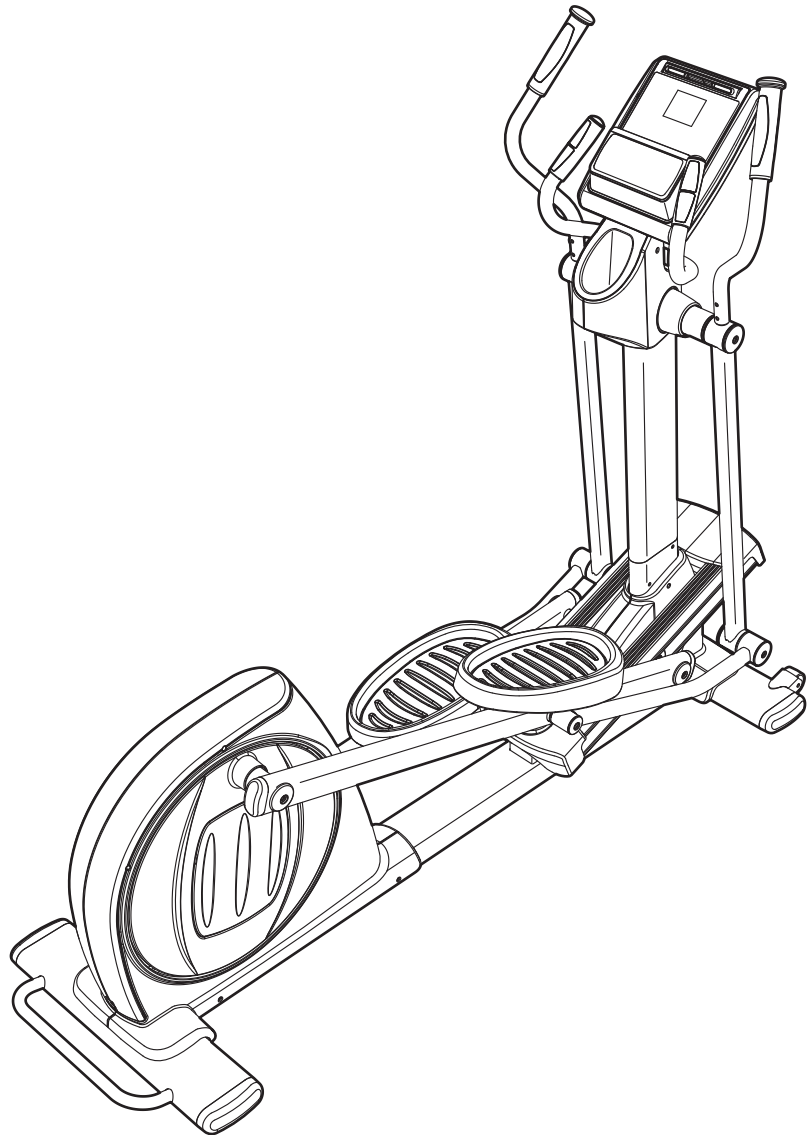
CALL TOLL-FREE:

1-888-936-4266

Mon.–Fri., 7:30 until 16:30 ET
(excluding holidays)

OR E-MAIL US:

customerservice@iconcanada.ca



CAUTION

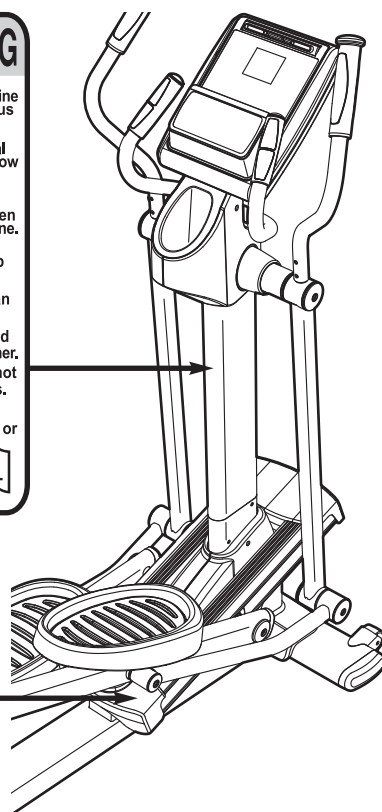
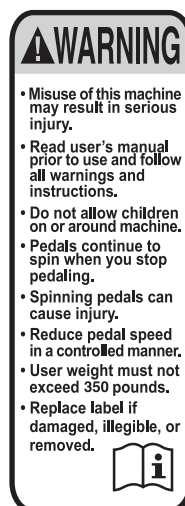
Read all precautions and instructions in this manual before using this equipment. Keep this manual for future reference.

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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 front 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 elliptical exerciser before using your elliptical exerciser. ICON 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 the age of 35 or persons with pre-existing health problems.
2. It is the responsibility of the owner to ensure that all users of the elliptical exerciser are adequately informed of all precautions.
3. Your elliptical exerciser is intended for home use only. Do not use your elliptical exerciser in a commercial, rental, or institutional setting.
4. Keep the elliptical exerciser indoors, away from moisture and dust. Place the elliptical exerciser on a level surface, with a mat beneath it to protect the floor or carpet. Make sure that there is at least 3 ft. (1 m) of clearance in the front and rear of your elliptical exerciser and 2 ft. (0.6 m) on each side.
5. Inspect and properly tighten all parts regularly. Replace any worn parts immediately.
6. Keep children under age 12 and pets away from your elliptical exerciser at all times.
7. Your elliptical exerciser should not be used by persons weighing more than 350 lbs. (159 kg).
8. Wear appropriate exercise clothes when exercising; do not wear loose clothes that could become caught on your elliptical exerciser. Always wear athletic shoes for foot protection.
9. Hold the handgrip pulse sensor or the handlebars when mounting, dismounting, or using your elliptical exerciser.
10. Keep your back straight while using your elliptical exerciser; do not arch your back.
11. 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.
12. When you stop exercising, allow the pedals to slowly come to a stop.
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. Use your elliptical exerciser only as described in this manual.

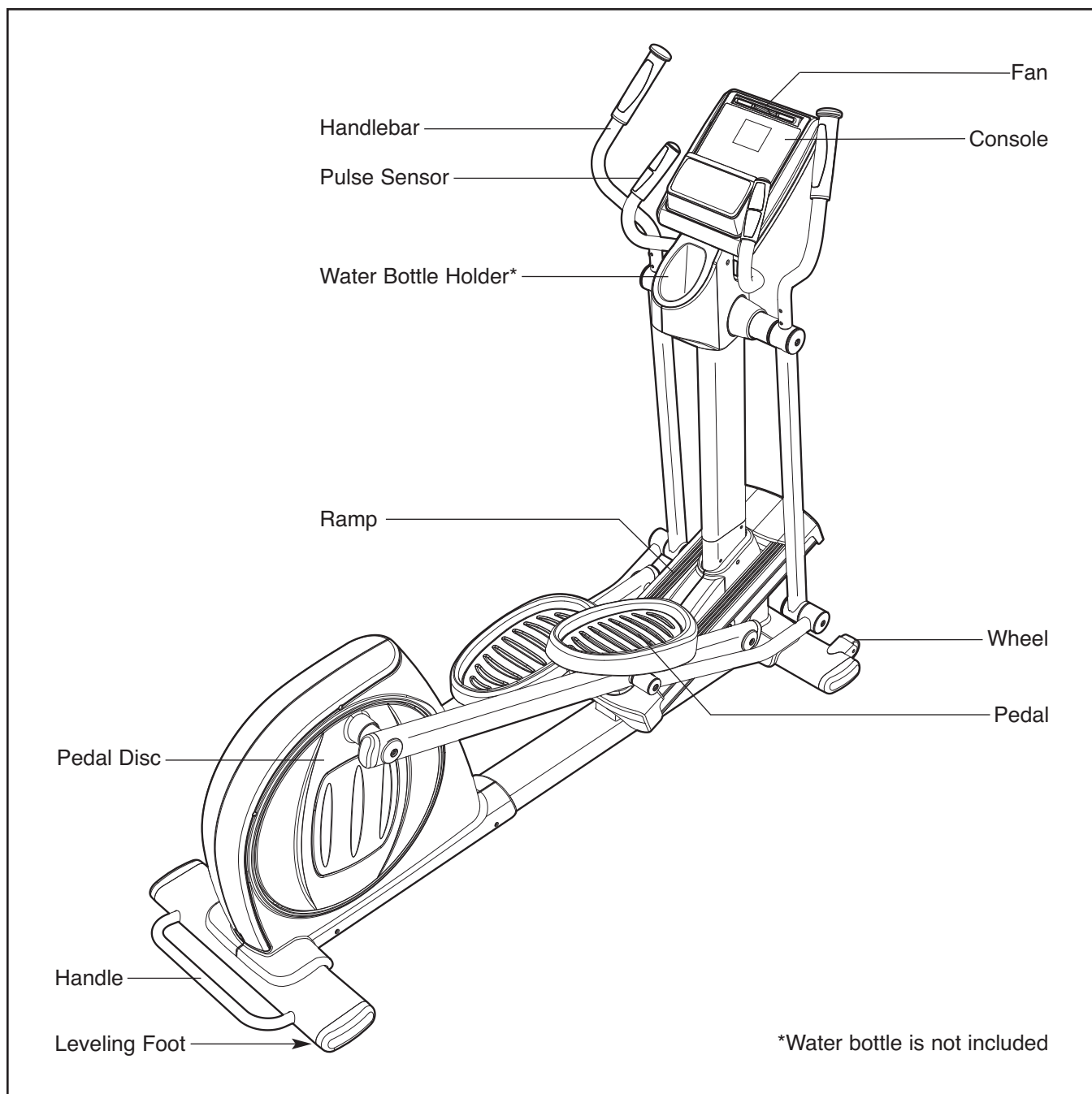
BEFORE YOU BEGIN

Thank you for selecting the revolutionary NordicTrack COMMERCIAL™ XM elliptical exerciser. The NordicTrack COMMERCIAL XM elliptical exerciser 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 elliptical exerciser. If you have ques-

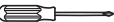
tions after reading this manual, please see the front cover of this manual. To help us assist you, note the product model number and serial number before contacting us. The model number and the location of the serial number decal are shown on the front cover of this manual.

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

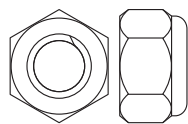


ASSEMBLY

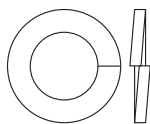
Assembly requires two persons. Place all parts of the elliptical exerciser in a cleared area and remove the packing materials. Do not dispose of the packing materials until assembly is completed.

In addition to the included tools, assembly requires a Phillips screwdriver  and an adjustable wrench .

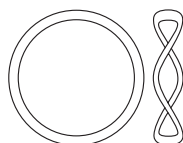
As you assemble the elliptical exerciser, use the drawings below to identify small parts. The number in parentheses below each drawing is the key number of the part, from the PART LIST near the end of this manual. The number following the parentheses is the quantity needed for assembly. **Note: If a part is not in the hardware kit, check to see if it has been preassembled.**



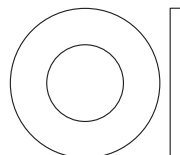
5/16" Locknut
(106)–4



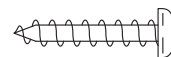
5/16" Split
Washer (105)–5



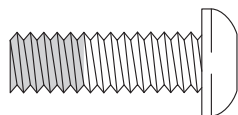
5/8" Wave
Washer (102)–2



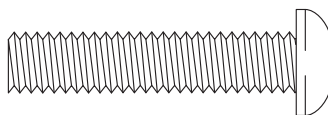
5/16" Washer
(104)–2



#8 x 3/4"
Screw (78)–4



5/16" x 1" Patch
Screw (81)–7



5/16" x 1 1/2" Button
Bolt (73)–4



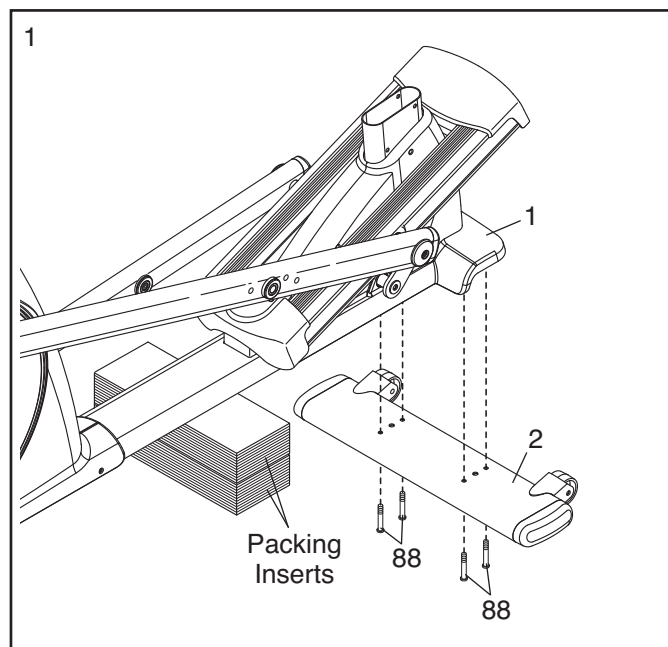
3/8" x 2 1/2" Patch
Screw (88)–14

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

Remove the two packing inserts from the packing materials. With the help of another person, place the packing inserts under the front of the Frame (1) as shown. **Have the other person hold the elliptical exerciser to prevent it from tipping until this step is completed.**

Hold the Front Stabilizer (2) under the Frame (1). Attach the Front Stabilizer with four 3/8" x 2 1/2" Patch Screws (88).

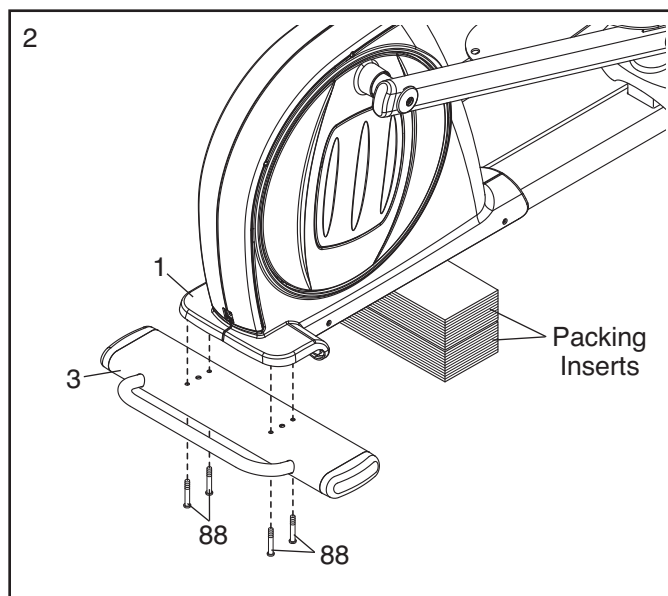
With the help of the other person, remove the packing inserts and lower the Front Stabilizer (2) and the Frame (1).



2. With the help of another person, place the packing inserts under the rear of the Frame (1) as shown. **Have the other person hold the elliptical exerciser to prevent it from tipping until this step is completed.**

Next, hold the Rear Stabilizer (3) under the Frame (1). Attach the Rear Stabilizer with four 3/8" x 2 1/2" Patch Screws (88).

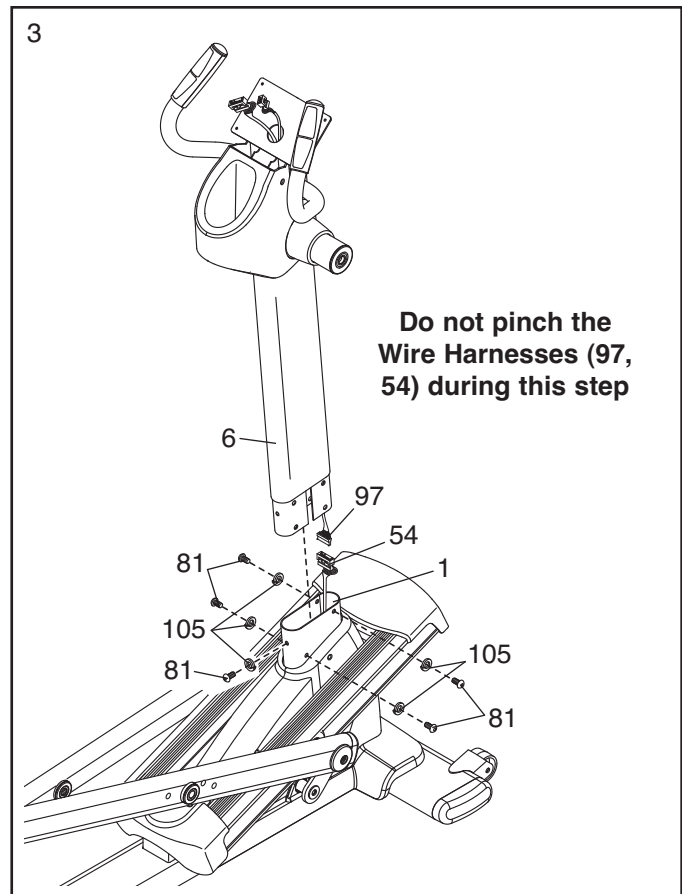
With the help of the other person, remove the packing inserts and lower the Rear Stabilizer (3) and the Frame (1).



3. **Tip: Do not pinch the Wire Harnesses (97, 54) during this step. Start all screws before tightening any of them.**

While another person holds the Upright (6) near the Frame (1), connect the Upper Wire Harness (97) to the Lower Wire Harness (54).

Attach the Upright (6) to the Frame (1) with five 5/16" x 1" Patch Screws (81) and five 5/16" Split Washers (105).



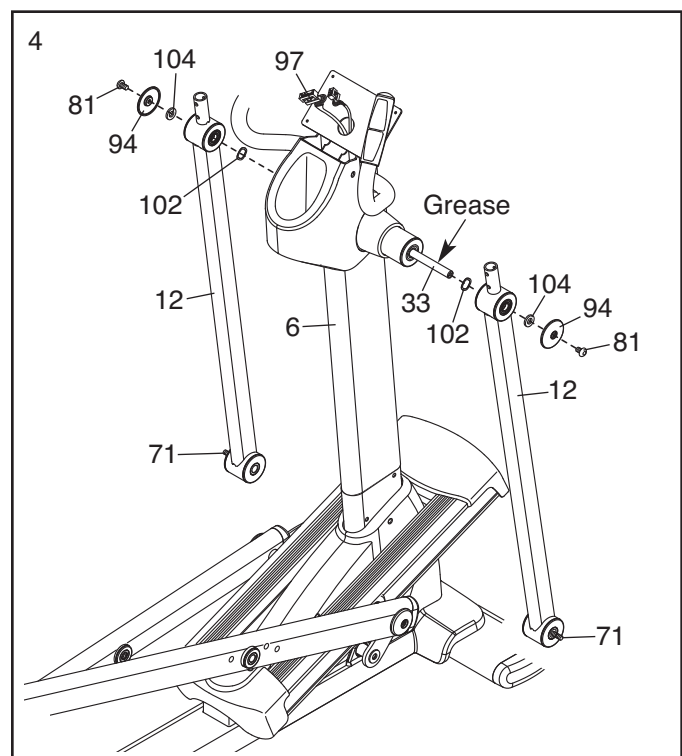
4. Apply a generous amount of the included grease to the Pivot Axle (33) and to two 5/8" Wave Washers (102).

Tip: Do not pinch the Upper Wire Harness (97). Insert the Pivot Axle (33) into the Upright (6). Then, slide a 5/8" Wave Washer (102) onto each end of the Pivot Axle.

Next, orient an Upper Body Arm (12) so that the M10 x 78mm Patch Screw (71) in the lower end is facing away from the Upright (6).

Slide the Upper Body Arm (12) onto the Pivot Axle (33). Attach the Upper Body Arm with a 5/16" x 1" Patch Screw (81), an Outer Large Axle Cover (94), and a 5/16" Washer (104).

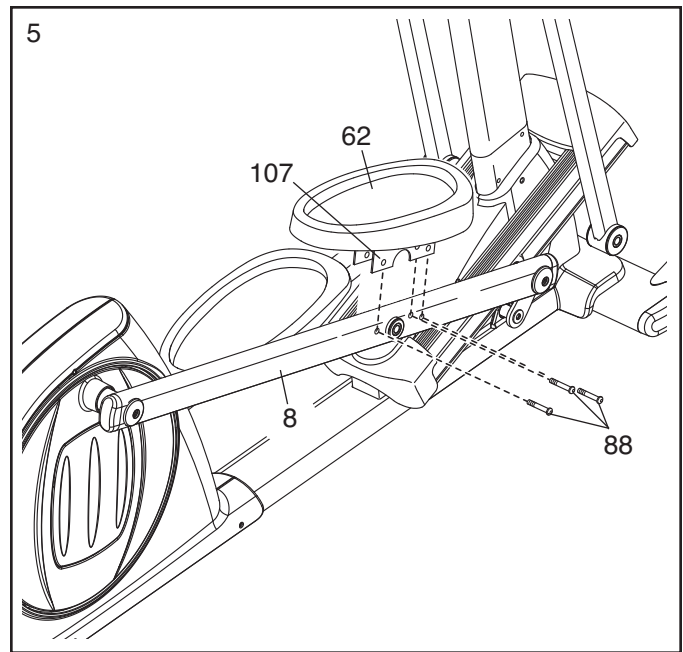
Attach the other Upper Body Arm (12) in the same way.



5. Identify the Right Pedal Plate (107), which is attached to the Right Pedal (62). The Right Pedal is marked with a “Right” sticker.

Attach the Right Pedal Plate (107) to the Right Pedal Arm (8) with three 3/8" x 2 1/2" Patch Screws (88).

Repeat this step to attach the Left Pedal Plate and the Left Pedal (not shown).

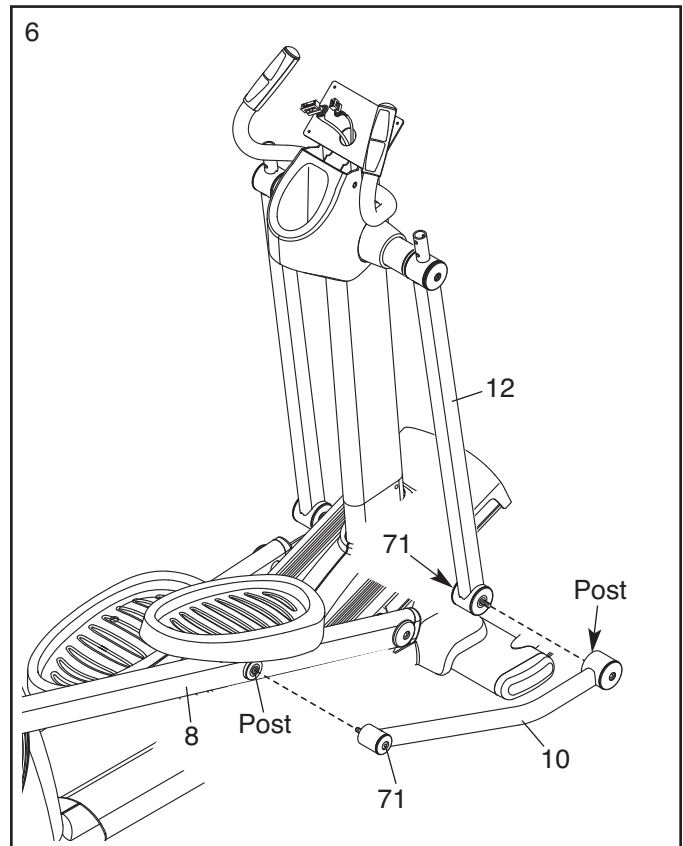


6. Identify the Right Link Arm (10), which is marked with a “Right” sticker.

Locate the M10 x 78mm Patch Screw (71) in one end of the Right Link Arm. Tighten the Patch Screw into the indicated post on the Right Pedal Arm (8).

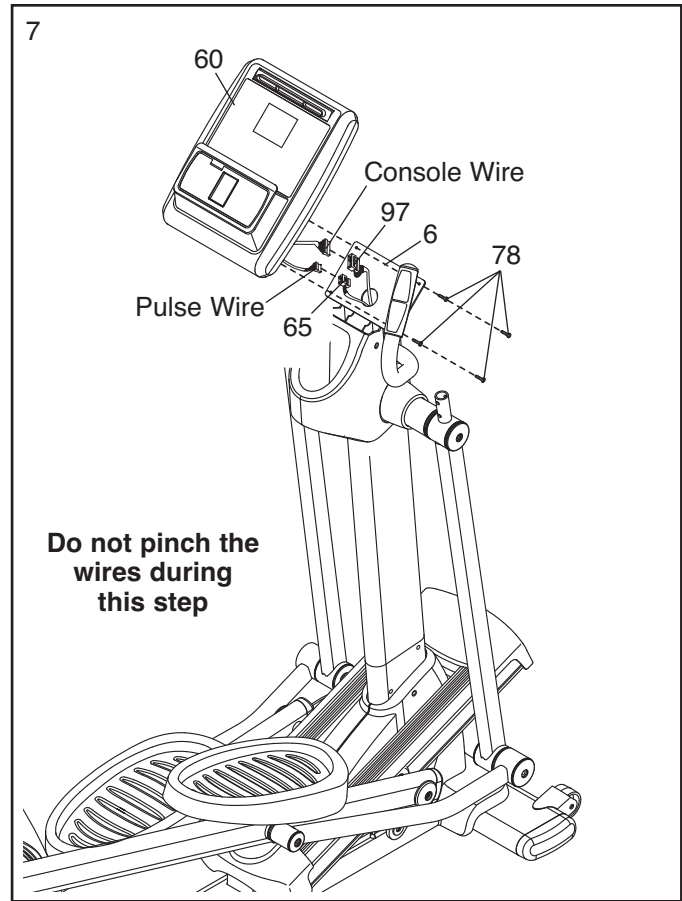
Next, locate the M10 x 78mm Patch Screw (71) in the right Upper Body Arm (12). Tighten the Patch Screw into the post on the Right Link Arm (10).

Repeat this step to attach the Left Link Arm (not shown).



7. While a second person holds the Console (60) near the Upright (6), connect the console wire to the Upper Wire Harness (97). Then, connect the console pulse wire to the Hand Pulse Wire (65). Insert the excess wire downward into the Upright.

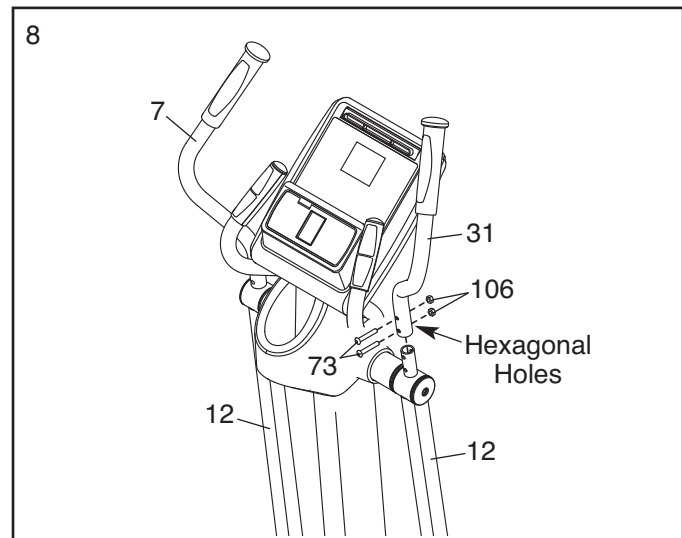
Tip: Do not pinch the wires during this step. Attach the Console (60) to the Upright (6) with four #8 x 3/4" Screws (78).



8. Identify the Right Handlebar (31), which is marked with a "Right" sticker, and orient it as shown.

Attach the Right Handlebar (31) to the right Upper Body Arm (12) with two 5/16" x 1 1/2" Button Bolts (73) and two 5/16" Locknuts (106). **Make sure that the Locknuts are in the hexagonal holes.**

Repeat this step to attach the Left Handlebar (7) to the left Upper Body Arm (12).

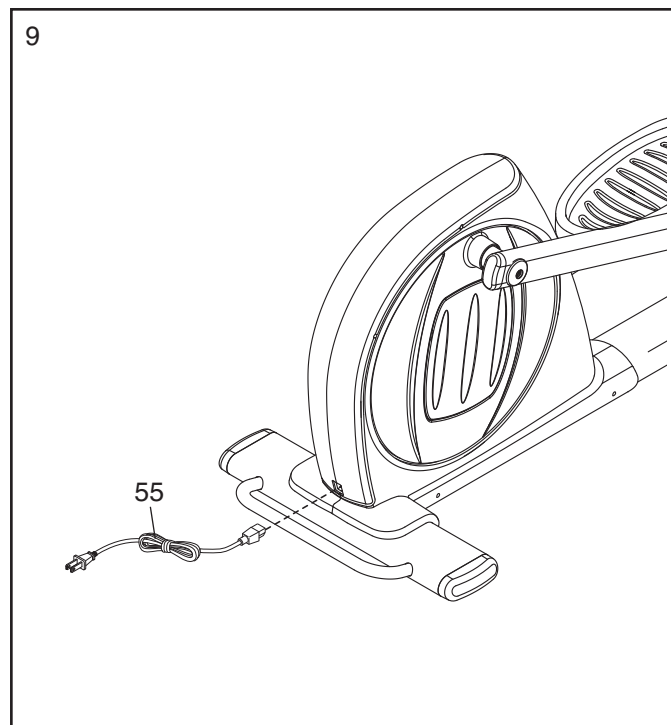


9. **IMPORTANT:** If the elliptical exerciser has been exposed to cold temperatures, allow it to warm to room temperature before plugging in the Power Cord (55). If you do not do this, you may damage the console displays or other electronic components.

Plug the Power Cord (55) into the power socket at the rear of the elliptical exerciser.

Note: When you plug in the elliptical exerciser for the first time (see **HOW TO PLUG IN THE POWER CORD** on page 11), the **Ramp (not shown)** will calibrate automatically. The Ramp will move upward and downward as it calibrates. When the Ramp stops moving, the Ramp is calibrated.

IMPORTANT: If the Ramp (not shown) does not calibrate automatically, see **HOW TO CALIBRATE THE RAMP** on page 21 and manually calibrate the Ramp.



10. **Make sure that all parts of the elliptical exerciser 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 elliptical exerciser.

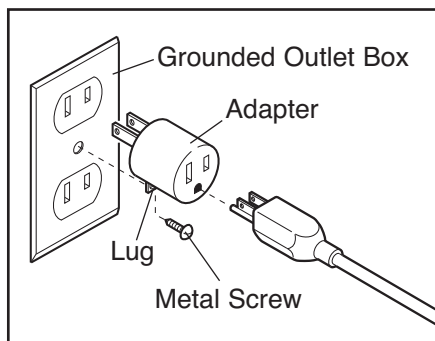
HOW TO USE THE ELLIPTICAL EXERCISER

HOW TO PLUG IN THE POWER CORD

This product must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment-grounding conductor and a grounding plug. **Plug the power cord into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. This product is for use on a nominal 120-volt circuit. IMPORTANT: The elliptical exerciser is not compatible with GFCI-equipped outlets.**

⚠ DANGER: Improper connection of the equipment-grounding conductor can result in an increased risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded. Do not modify the plug provided with the product—if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

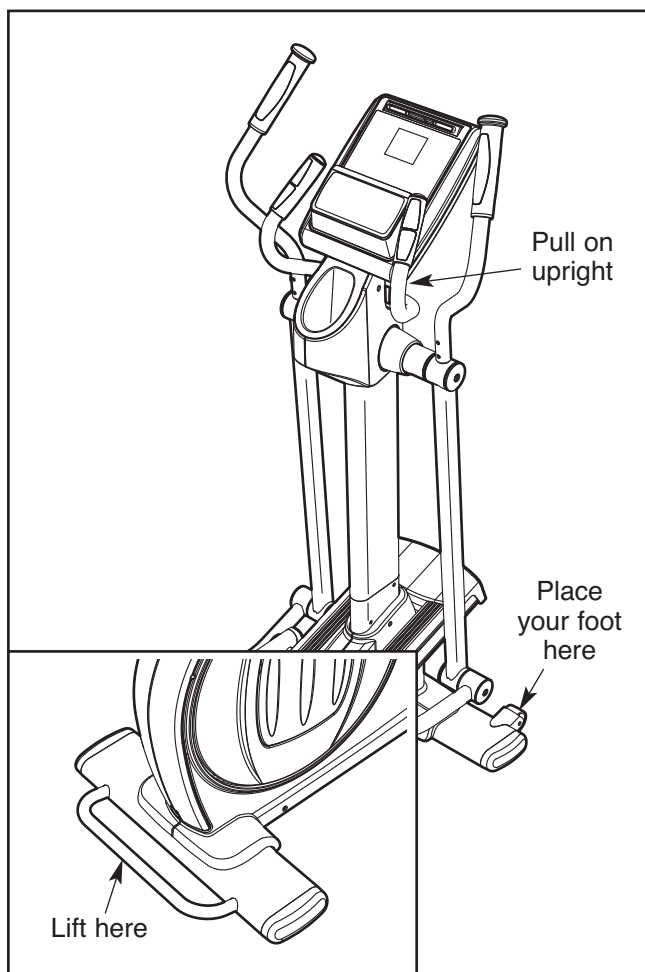
A temporary adapter may be used to connect the power cord to a 2-pole receptacle as shown at the right if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet can be installed by a qualified electrician.



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

HOW TO MOVE THE ELLIPTICAL EXERCISER

Due to the size and weight of the elliptical exerciser, moving it requires two persons. Stand in front of the elliptical exerciser, hold the upright, and place one foot against one of the front wheels. Pull on the upright and have a second person lift the handle on the rear of the frame until the elliptical exerciser will roll on the front wheels. Carefully move the elliptical exerciser to the desired location, and then lower it to the floor.



HOW TO LEVEL THE ELLIPTICAL EXERCISER

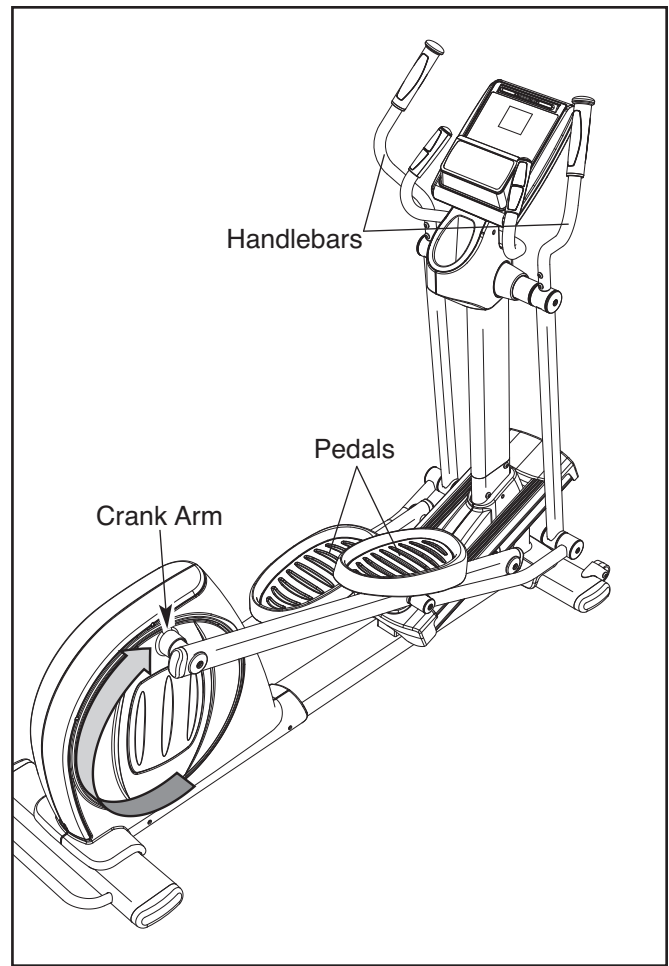
If the elliptical exerciser rocks slightly on your floor during use, turn one or both of the leveling feet beneath the rear stabilizer until the rocking motion is eliminated.

HOW TO EXERCISE ON THE ELLIPTICAL EXERCISER

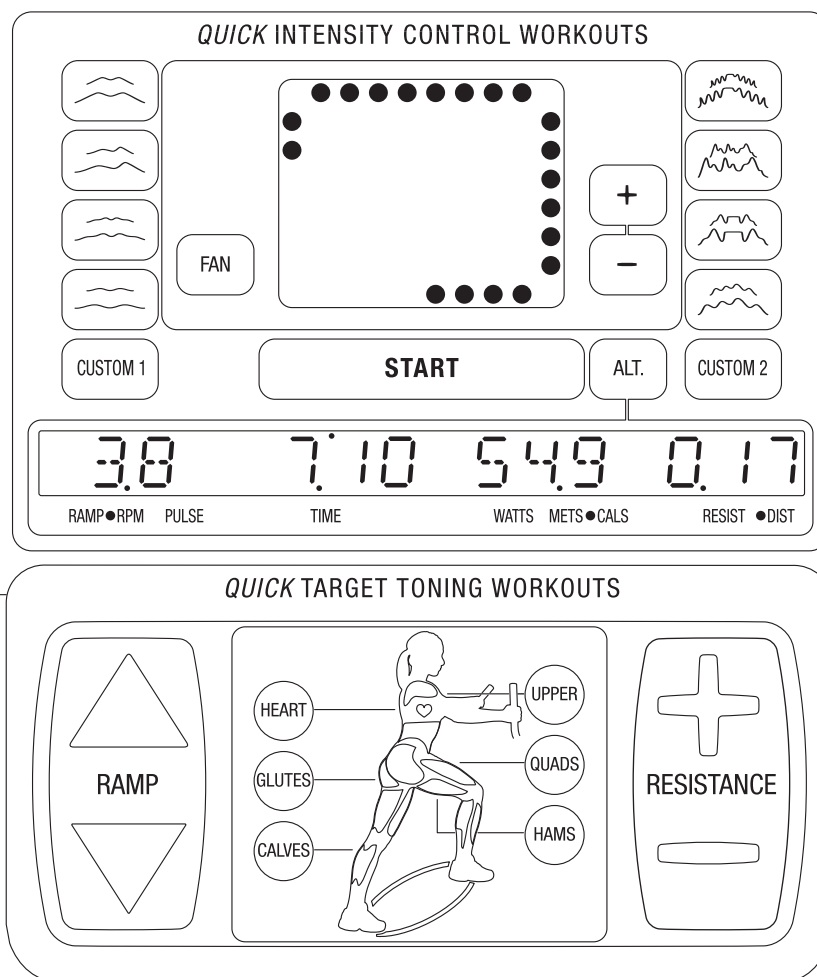
To mount the elliptical exerciser, hold the handlebars and step onto the pedal that is in the lowest position. Next, step onto the other pedal. Push the pedals until they begin to move with a continuous motion.

Note: The crank arms can turn in either direction. It is recommended that you turn the crank arms in the direction shown by the arrow at the right; however, for variety you can turn the crank arms in the opposite direction.

To dismount the elliptical exerciser, wait until the pedals come to a complete stop. **Note: The elliptical exerciser does not have a free wheel; the pedals will continue to move until the flywheel stops.** When the pedals are stationary, step off the higher pedal first. Then, step off the lower pedal.



CONSOLE DIAGRAM



FEATURES OF THE CONSOLE

The advanced console offers an array of features designed to make your workouts more effective and enjoyable. When you use the manual mode of the console, you can change the resistance of the pedals and the incline of the ramp 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.

The console features six target toning workouts designed to work specific areas of the body. The console guides you through each workout with a variety of exercise instructions while automatically changing the resistance of the pedals and the incline of the ramp.

The console also offers sixteen intensity control workouts. Each intensity control workout automatically changes the resistance of the pedals and prompts you to increase or decrease your pedaling pace as it guides you through an effective workout.

In addition, the console offers two custom workouts that allow you to create your own workouts and store them in memory for future use.

To use the manual mode, see page 14. **To use a target toning workout**, see page 16. **To use an intensity control workout**, see page 18. **To create a custom workout**, see page 19. **To use a custom workout**, see page 20.

HOW TO USE THE MANUAL MODE

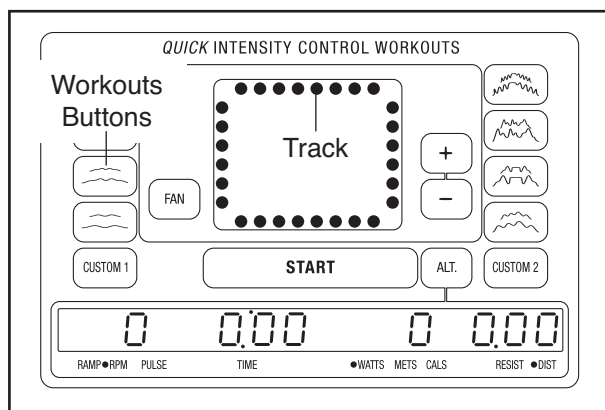
Note: If there is a sheet of clear plastic on the face of the console, remove the plastic.

1. Press any button on the console or begin pedaling to turn on the console.

When you turn on the console, the display will light. A tone will then sound and the console will be ready for use.

2. Select the manual mode.

When you turn on the console, the manual mode will be selected. If you have selected a workout, reselect the manual mode by pressing any of the Quick Intensity Control Workouts or Quick Target Toning Workouts buttons repeatedly until a track appears in the matrix.



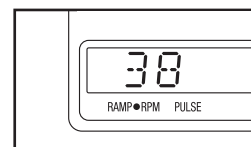
3. Begin pedaling and change the resistance of the pedals and the incline of the ramp as desired.

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

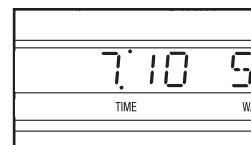
To vary the motion of the pedals, you can change the incline of the ramp. To change the incline, press the Ramp increase and decrease buttons. Note: After you press the buttons, it will take a moment for the ramp to reach the selected incline level.

4. Follow your progress with the display.

The far left section of the display—This section of the display will show your pedaling pace (in revolutions per minute) and the ramp incline level for a few seconds each time the ramp incline level changes. This section of the display will also show your heart rate when you use the handgrip pulse sensor (see step 5 on page 15).



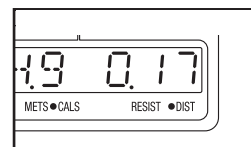
The center left section of the display—This section of the display will show the elapsed time. Note: During a workout, except for a custom workout, the display will show the time remaining in the workout.



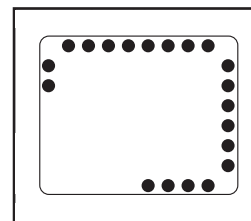
The center right section of the display—This section of the display can show your power output in watts, your exercise intensity in METs, and the approximate number of calories you have burned. Press the ALT. button repeatedly to view the desired exercise information.



The far right section of the display—This section of the display will show the distance you have pedaled (in miles) and the resistance level of the pedals for a few seconds each time the resistance level changes.

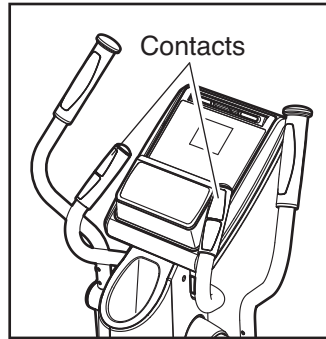


The matrix—The matrix will show a track representing 1/4 mile. As you exercise, indicators will appear in succession around the track until the entire track appears. The track will then disappear and the indicators will again begin to appear in succession.



5. Measure your heart rate if desired.

If there are sheets of clear 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 your pulse is detected, two or three dashes will appear in the display and then your heart rate will be shown. 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.

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

Note: If the pedals do not move for about thirty seconds, the fan will turn off automatically.

7. When you are finished exercising, the console will turn off automatically.

If the pedals do not move for several seconds, a series of tones will sound and the console will pause.

If the pedals do not move for about five minutes, the console will turn off and the display will be reset.

When you are finished exercising, unplug the power cord. **IMPORTANT: If you do not do this, the electrical components of the elliptical exerciser may wear prematurely.**

HOW TO USE A TARGET TONING WORKOUT

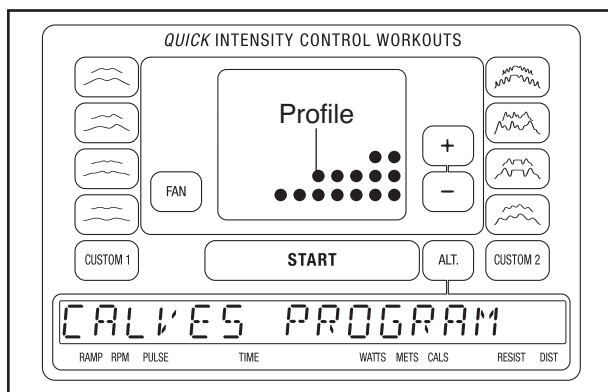
1. **Press any button on the console or begin pedaling to turn on the console.**

When you turn on the console, the display will light. A tone will then sound and the console will be ready for use.

2. **Select a target toning workout.**

To select a target toning workout, press the Quick Target Toning Workouts button that has the name of the desired workout.

When you select a target toning workout, the name of the workout will appear in the display for a few seconds and a profile of the resistance levels of the workout will scroll across the matrix.



3. **Begin pedaling to start the workout.**

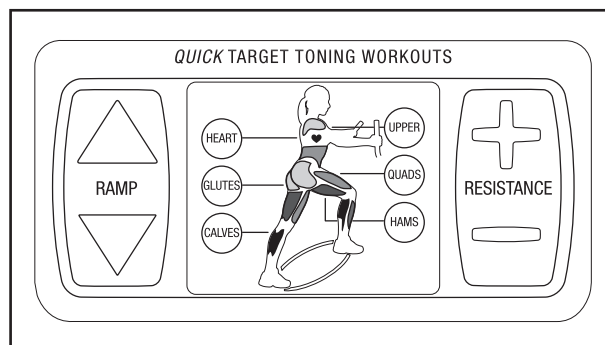
Each workout is divided into 30 one-minute segments. One resistance level, one ramp incline level, and one target pace setting are programmed for each segment. Note: The same resistance level, ramp incline level, and/or target pace setting may be programmed for consecutive segments.

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

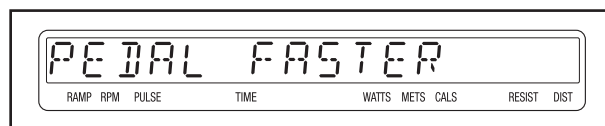
As you exercise, the console will display a variety of exercise instructions. For example, the console may instruct you to pedal backwards or to use only your upper body during certain segments of the workout.

In addition, the colors on the lit muscle display will indicate your exercise intensity:

Color	Exercise Intensity
Pink	Low
Blue	Low
Green	Medium
Yellow	Medium
Orange	High
Red	High



You will also be prompted to keep your pedaling pace near the target pace setting for the current segment. When the words PEDAL FASTER appear in the display, increase your pace. When the words PEDAL SLOWER appear, decrease your pace. When no words appear, maintain your current pace. **IMPORTANT: The target pace settings are intended only to provide motivation. Make sure to pedal at a pace that is comfortable for you.**



If the resistance level or the ramp incline level for the current segment is too high or too low, you can manually override the setting by pressing the Resistance or the Ramp buttons. However, when the current segment ends, the pedals will automatically adjust to the resistance level for the next segment and the ramp incline will automatically adjust to the incline level for the next segment. Note: You can also use the + and - buttons next to the matrix to adjust the resistance settings during an intensity control workout.

If you stop pedaling for several seconds, a series of tones will sound and the workout will pause. To restart the workout, simply resume pedaling. The workout will continue until the last segment of the profile flashes and the last segment of the workout ends.

When the workout is completed, the display will show a time of 0:00. If you continue to pedal after

the workout is completed, the display will continue to show exercise feedback; however, the display will not show the elapsed time until you select the manual mode or a new workout.

4. Follow your progress with the display.

See step 4 on page 14.

5. Measure your heart rate if desired.

See step 5 on page 15.

6. Turn on the fan if desired.

See step 6 on page 15.

7. When you are finished exercising, the console will turn off automatically.

See step 7 on page 15.

HOW TO USE AN INTENSITY CONTROL WORKOUT

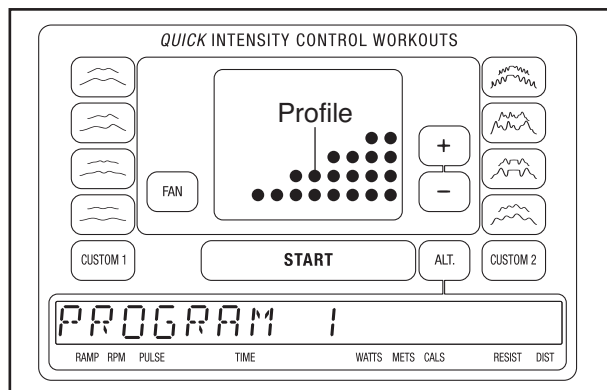
1. Press any button on the console or begin pedaling to turn on the console.

When you turn on the console, the display will light. A tone will then sound and the console will be ready for use.

2. Select an intensity control workout.

To select an intensity control workout, press the Quick Intensity Control Workouts button that has the profile of the desired workout once for a shorter workout or twice for a longer workout.

When you select an intensity control workout, the name of the workout will appear in the display for a few seconds and a profile of the resistance levels of the workout will scroll across the matrix.



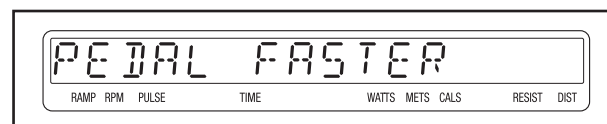
3. Begin pedaling to start the workout.

Each workout is divided into 20, 30, 45, or 67.5 one-minute segments. One resistance level and one target pace setting are programmed for each segment. Note: The same resistance level and/or target pace setting may be programmed for consecutive segments.

During the workout, the workout profile will show your progress (see the drawing above). The flashing segment of the profile represents the current segment of the workout. The height of the flashing segment indicates the resistance level for the current segment. At the end of each segment of the workout, 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.

To increase or decrease the overall intensity of the workout, press the + and - buttons next to the matrix. The resistance levels of all remaining segments in the workout will then increase or decrease proportionately.

As you exercise, you will be prompted to keep your pedaling pace near the target pace setting for the current segment. When the words PEDAL FASTER appear in the display, increase your pace. When the words PEDAL SLOWER appear, decrease your pace. When no words appear, maintain your current pace. **IMPORTANT: The target pace settings are intended only to provide motivation. 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.

If you stop pedaling for several seconds, a series of tones will sound and the workout will pause. To restart the workout, simply resume pedaling. The workout will continue until the last segment of the profile flashes and the last segment of the workout ends.

When the workout is completed, the display will show a time of 0:00. If you continue to pedal after the workout is completed, the display will continue to show exercise feedback; however, the display will not show the elapsed time until you select the manual mode or a new workout.

4. Follow your progress with the display.

See step 4 on page 14.

5. Measure your heart rate if desired.

See step 5 on page 15.

6. Turn on the fan if desired.

See step 6 on page 15.

7. When you are finished exercising, the console will turn off automatically.

See step 7 on page 15.

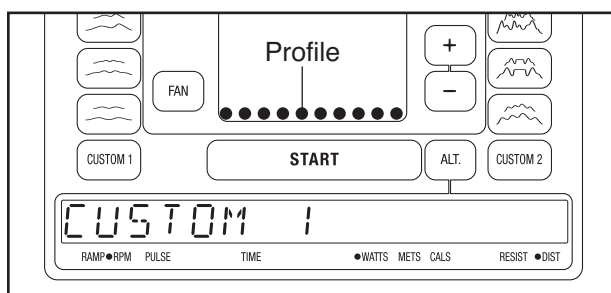
HOW TO CREATE A CUSTOM WORKOUT

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

When you turn on the console, the display will light. A tone will then sound and the console will be ready for use.

2. **Select a custom workout.**

To select a custom workout, press the CUSTOM 1 or the CUSTOM 2 button. When you select a custom workout, the words CUSTOM 1 or CUSTOM 2 will appear in the display for a few seconds and a profile of the resistance levels of the workout will scroll across the matrix.



3. **Begin pedaling to start the workout, and program the desired settings.**

Each custom workout is divided into 40 one-minute segments. You can program one resistance level and one target 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 buttons. To program a target pace for the first segment, simply pedal at the desired pace.

At the end of the first segment, the workout will store the current resistance level and your current pace in memory. Program a resistance level and a target pace for the second segment as described above.

Continue exercising for up to forty minutes. Stop pedaling when you are finished with your workout. The workout you created will then be stored in memory. Note: If your workout is less than forty minutes long, any remaining segments in the workout will be stored with the default resistance level and target pace.

4. **When the workout is finished, the console will turn off automatically.**

See step 7 on page 15.

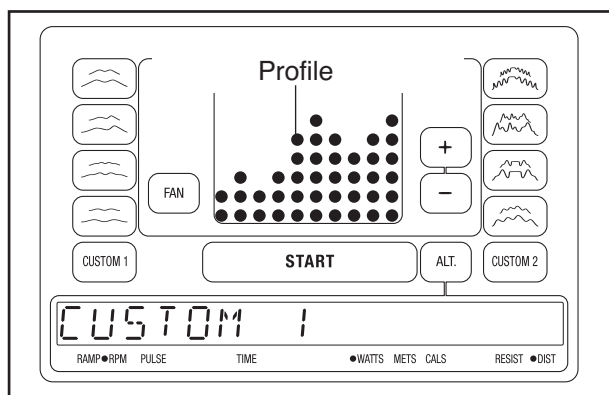
HOW TO USE A CUSTOM WORKOUT

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

When you turn on the console, the display will light. A tone will then sound and the console will be ready for use.

2. **Select a custom workout.**

To select a custom workout, press the CUSTOM 1 or the CUSTOM 2 button. When you select a custom workout, the words CUSTOM 1 or CUSTOM 2 will appear in the display for a few seconds and a profile of the resistance levels of the workout will scroll across the matrix. **Note: If only the first row of indicators in the matrix is lit, see HOW TO CREATE A CUSTOM WORKOUT on page 19.**

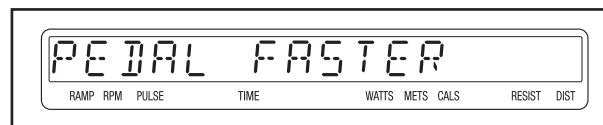


3. **Begin pedaling to start the workout.**

Each custom workout can have up to 40 one-minute segments. One resistance level and one target pace setting are programmed for each segment. **Note:** The same resistance level and/or target pace setting may be programmed for consecutive segments.

During the workout, the workout profile will show your progress. The flashing segment of the profile (see the drawing above) represents the current segment of the workout. The height of the flashing segment indicates the resistance level for the current segment. At the end of each segment of the workout, 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, you will be prompted to keep your pedaling pace near the target pace setting for the current segment. When the words PEDAL FASTER appear in the display, increase your pace. When the words PEDAL SLOWER appear, decrease your pace. When no words appear, maintain your current pace. **IMPORTANT: The target pace settings are intended only to provide motivation. 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.

If you stop pedaling for several seconds, a series of tones will sound and the workout will pause. To restart the workout, simply resume pedaling. The workout will continue until the last segment of the profile flashes and the last segment of the workout ends.

4. **Change the workout if desired.**

If desired, you can change the workout while using it. **To change the resistance level for the current segment**, simply press the Resistance buttons. At the end of the current segment, the new resistance level will be stored in memory. **To change the target pace for the current segment**, simply change your pedaling pace. At the end of the current segment, your pace will be stored in memory. You can continue exercising and changing the workout for up to forty minutes.

5. **Follow your progress with the display.**

See step 4 on page 14.

6. **Measure your heart rate if desired.**

See step 5 on page 15.

7. **Turn on the fan if desired.**

See step 6 on page 15.

8. **When you are finished exercising, the console will turn off automatically.**

See step 7 on page 15.

MAINTENANCE AND TROUBLESHOOTING

Inspect and tighten all parts of the elliptical exerciser regularly. Replace any worn parts immediately.

To clean the elliptical exerciser, 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.**

CONSOLE TROUBLESHOOTING

If the console does not turn on, make sure that the power cord is fully plugged in.

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 15.

HOW TO CALIBRATE THE RAMP

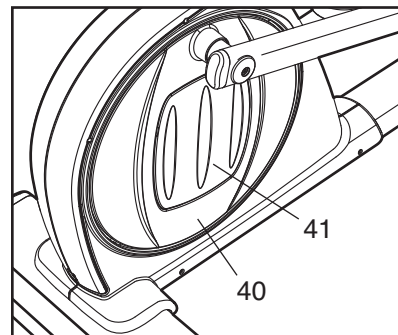
If the ramp is not functioning properly, the ramp may need to be calibrated. To calibrate the ramp, hold down the Start button and the Resistance increase button for about 5 seconds until the display on the console changes.

Next, press the Start button once, and then press the Ramp increase button. The ramp will move upward and downward as it calibrates. When the ramp stops moving, the ramp is calibrated. Then, press the Start button repeatedly to return to the manual mode.

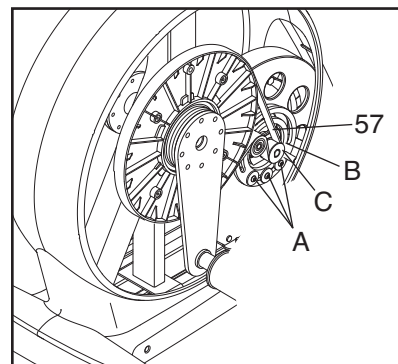
HOW TO ADJUST THE BELT

If the pedals slip while you are pedaling, even while the resistance is adjusted to the highest setting, the belt may need to be adjusted.

To adjust the belt, first carefully pry off the right Disc Cover (41) using a flat screwdriver. Next, remove the four screws (not shown) from the center of the right Pedal Disc (40). Gently rotate the Disc away from the elliptical exerciser.



Loosen, but do not remove, the three indicated screws (A). Insert the shaft of a screwdriver downward between the Idler (B) and the Idler Pulley (C). Pull the top of the screwdriver toward the front of the elliptical exerciser until the Belt (57) is tight. Then, tighten the three screws.



Reattach the right disc with the four screws and then reattach the right disc cover.

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.

SUGGESTED STRETCHES

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

1. Toe Touch Stretch

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

2. Hamstring Stretch

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

3. Calf/Achilles Stretch

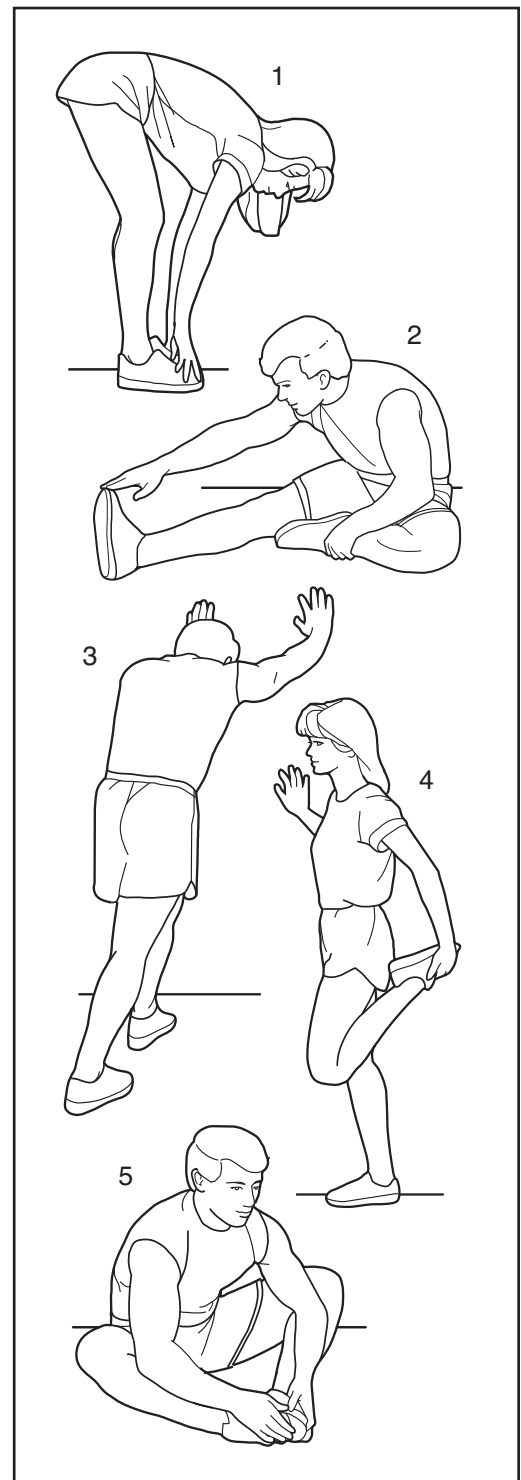
With one leg in front of the other, reach forward and place your hands against a wall. Keep your back leg straight and your back foot flat on the floor. Bend your front leg, lean forward and move your hips toward the wall. Hold for 15 counts, then relax. Repeat 3 times for each leg. To cause further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

4. Quadriceps Stretch

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

5. Inner Thigh Stretch

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



PART LIST—Model No. NTCCEL16909.0

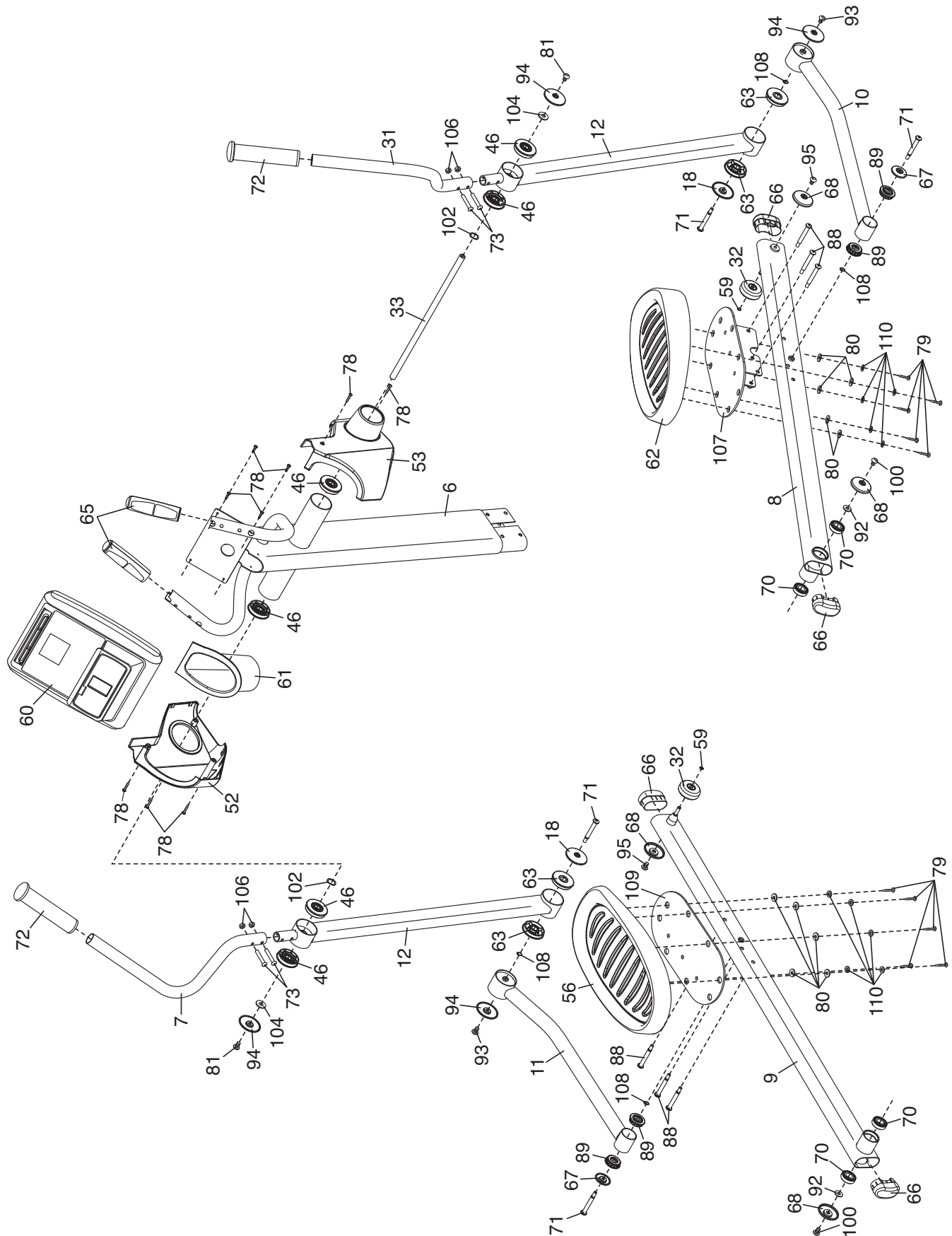
R0909A

Key No.	Qty.	Description	Key No.	Qty.	Description
1	1	Frame	51	2	Wheel
2	1	Front Stabilizer	52	1	Left Pivot Cover
3	1	Rear Stabilizer	53	1	Right Pivot Cover
4	1	Ramp	54	1	Lower Wire Harness
5	1	Right Ramp Cover	55	1	Power Cord
6	1	Upright	56	1	Left Pedal Assembly
7	1	Left Handlebar	57	1	Belt
8	1	Right Pedal Arm	58	1	Clamp
9	1	Left Pedal Arm	59	4	E-clip
10	1	Right Link Arm	60	1	Console
11	1	Left Link Arm	61	1	Water Bottle Holder
12	2	Upper Body Arm	62	1	Right Pedal Assembly
13	1	Left Lift Arm	63	4	Upper Body Arm Bushing
14	2	Crank Arm	64	2	Lift Bracket
15	2	Crank Hub	65	1	Hand Pulse Grip/Wire
16	1	Hub Spacer	66	4	Pedal Arm Cap
17	1	Large Pulley	67	2	Small Axle Cover
18	2	Inner Large Axle Cover	68	4	Medium Axle Cover
19	1	Crank Spacer	69	1	Lift Motor Stop
20	1	Crank	70	6	Bearing
21	1	Eddy Mechanism	71	4	M10 x 78mm Patch Screw
22	1	Right Lift Arm	72	2	Hand Grip
23	1	Lift Motor	73	4	5/16" x 1 1/2" Button Bolt
24	1	Lift Axle	74	4	#6 x 3/8" Screw
25	1	Lift Pin	75	2	1/2" Hairpin Cotter Pin
26	1	Transformer	76	8	M8 x 18mm Button Screw
27	1	Control Board	77	4	M6 Locknut
28	1	Control Box	78	41	#8 x 3/4" Screw
29	1	Control Box Cover	79	10	#10 x 1/2" Patch Screw
30	1	Left Ramp Cover	80	10	#10 Fender Washer
31	1	Right Handlebar	81	7	5/16" x 1" Patch Screw
32	2	Ramp Roller	82	2	3/8" x 1" Flange Screw
33	1	Pivot Axle	83	8	M10 x 25mm Patch Screw
34	1	Ramp Axle	84	2	M10 x 20mm Button Screw
35	2	Bushing	85	2	3/8" Locknut
36	2	Lift Axle Bushing	86	1	1/2" x 1 3/4" Pin
37	1	Power Inlet	87	2	M12 x 25mm Button Screw
38	1	Right Shield	88	14	3/8" x 2 1/2" Patch Screw
39	1	Left Shield	89	4	Pedal Arm Bushing
40	2	Pedal Disc	90	2	Snap Ring
41	2	Disc Cover	91	5	#8 x 1/2" Screw
42	1	Left Ramp Axle Cover	92	4	3/8" Washer
43	1	Right Ramp Axle Cover	93	2	M10 x 12.7mm Button Screw
44	1	Front Ramp Cover	94	4	Outer Large Axle Cover
45	1	Rear Ramp Cover	95	2	3/8" x 3/4" Button Screw
46	6	Pivot Bushing	96	2	3/8" x 2 1/2" Button Screw
47	1	Reed Switch/Wire	97	1	Upper Wire Harness
48	4	Stabilizer Cap	98	4	M8 x 35mm Button Screw
49	2	Leveling Foot	99	4	M8 Locknut
50	2	Foot	100	2	3/8" x 1" Patch Screw

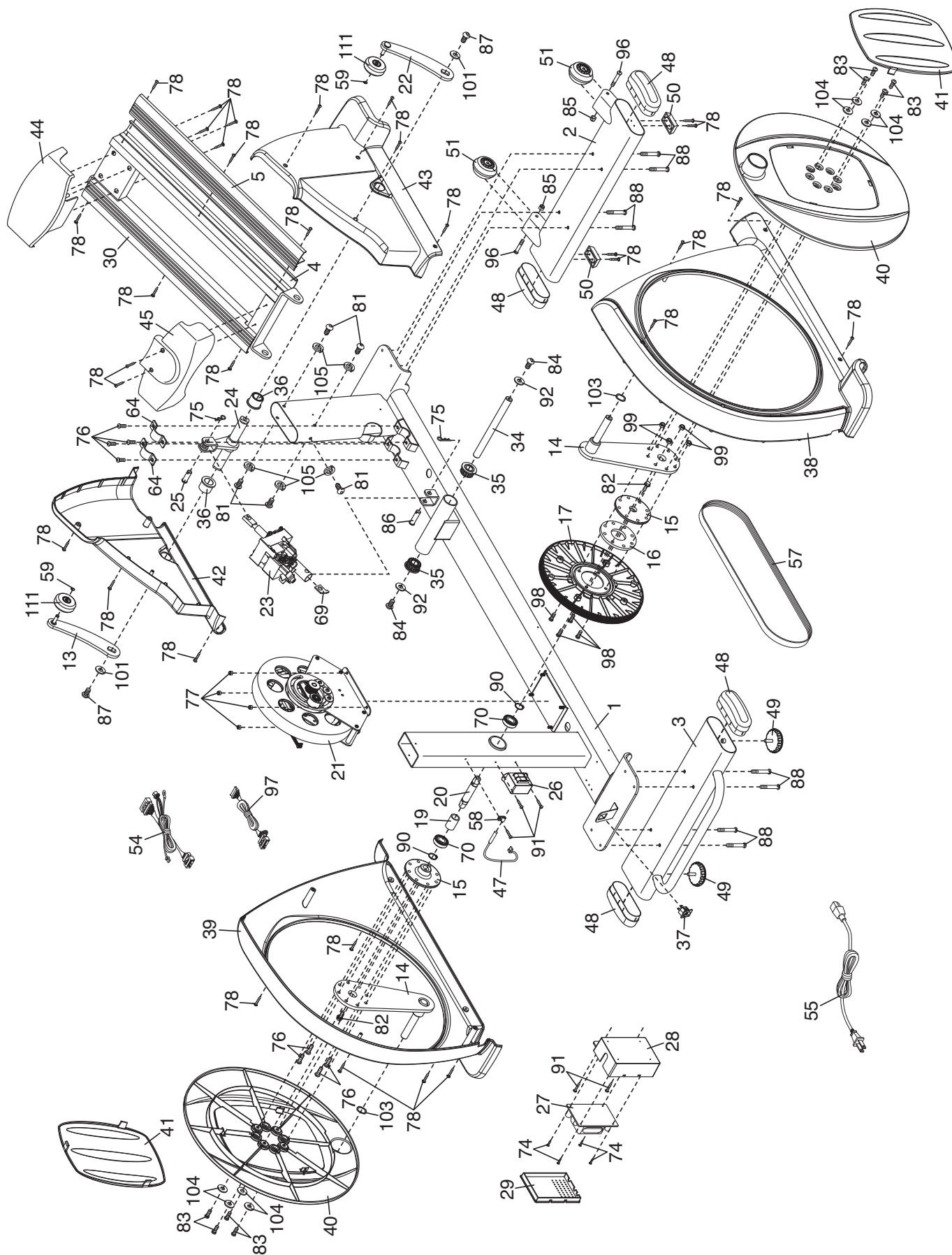
Key No.	Qty.	Description	Key No.	Qty.	Description
101	2	M12 Fender Washer	*	—	10" Ground Wire
102	2	5/8" Wave Washer	*	—	12" White Jumper Wire F/F
103	2	3/4" Wave Washer	*	—	12" Black Jumper Wire F/F
104	10	5/16" Washer	*	—	60" Wire Harness
105	5	5/16" Split Washer	*	—	60" Jumper Wire Harness
106	4	5/16" Locknut	*	—	70" Wire Harness
107	1	Right Pedal Plate	*	—	Lift Motor Reed Switch/Wire
108	4	M10 x 1mm Snap Ring	*	—	0.531" Metal Spacer
109	1	Left Pedal Plate	*	—	Power Jumper Wire
110	10	M6 Split Washer	*	—	User's Manual
111	2	Lift Roller	*	—	Assembly Tool

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. NTCCEL16909.0 R0909A



EXPLODED DRAWING B—Model No. NTCCEL16909.0 R0909A



ORDERING REPLACEMENT PARTS

To order replacement parts, see the front cover of this manual. To help us assist you, please be prepared to provide the following information when contacting us:

- the model number and serial number of the product (see the front cover of this manual)
- the name of the product (see the front cover of this manual)
- the key number and description of the replacement part(s) (see the PART LIST and the EXPLODED DRAWING near the end of this manual)

LIMITED WARRANTY

ICON of Canada, Inc. (ICON) warrants this product to be free from defects in workmanship and material, under normal use and service conditions. The frame is warranted for a lifetime. Parts and labor are warranted for ninety (90) days from the date of purchase.

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

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

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

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

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