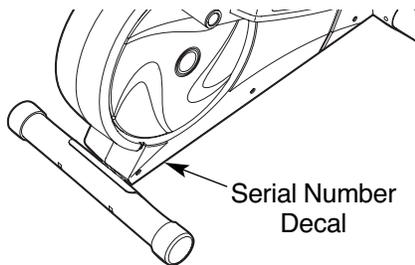


# WESLO<sup>®</sup> momentum 630

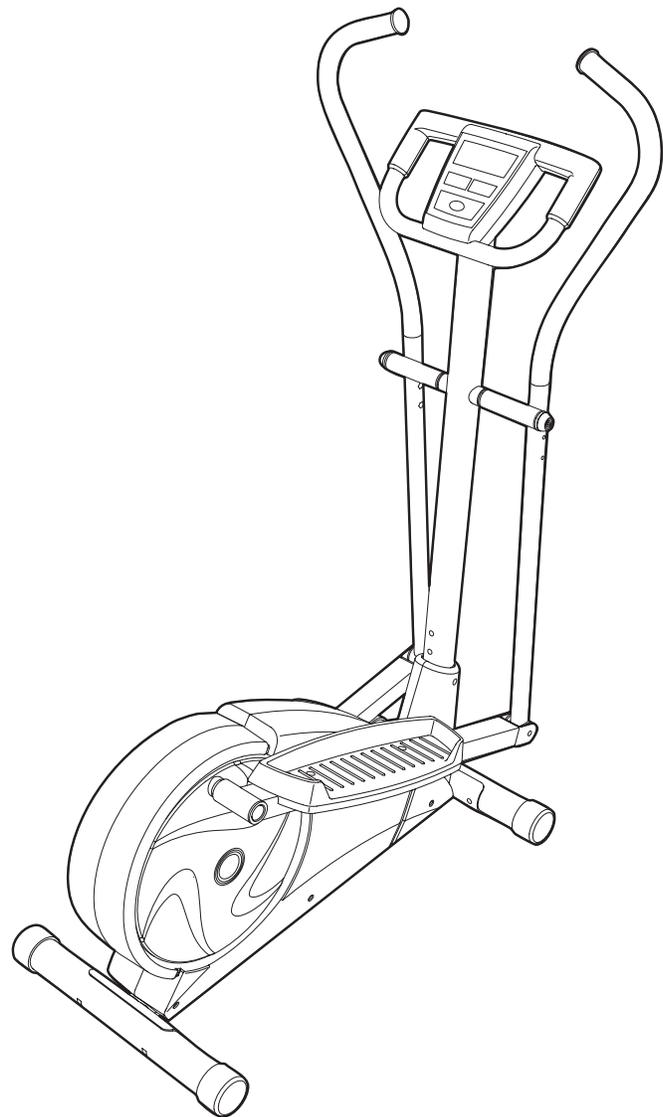
Model No. WLEL71807.0

Serial No. \_\_\_\_\_

Write the serial number in the space above for reference.



## USER'S MANUAL



### QUESTIONS?

As a manufacturer, we are committed to providing complete customer satisfaction. If you have questions, or if parts are damaged or missing, PLEASE DO NOT CONTACT THE STORE. For assistance, contact our Customer Service Department

CALL TOLL-FREE:

**1-866-699-3756**

Mon.-Fri. 6 a.m.-6 p.m. MST

Sat. 8 a.m.-4 p.m. MST

ON THE WEB:

[www.wesloservice.com](http://www.wesloservice.com)

### CAUTION

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



Visit our website at

[www.weslo.com](http://www.weslo.com)

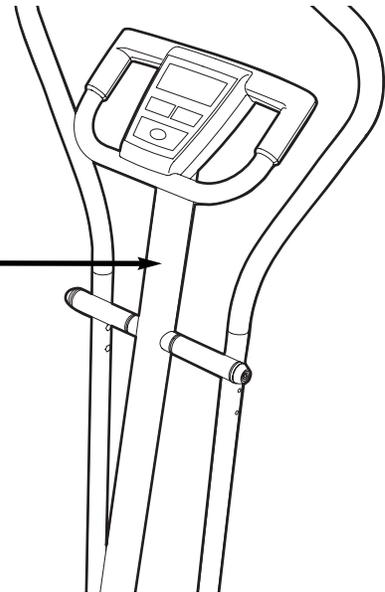
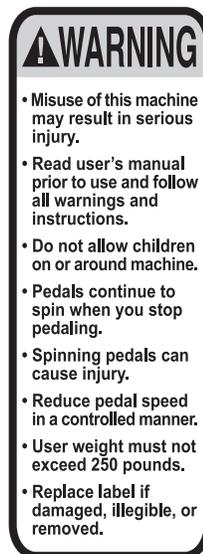
new products, prizes,  
fitness tips, and much more!

# TABLE OF CONTENTS

WARNING DECAL PLACEMENT .....	2
IMPORTANT PRECAUTIONS .....	3
BEFORE YOU BEGIN .....	4
ASSEMBLY .....	5
HOW TO USE THE ELLIPTICAL EXERCISER .....	9
MAINTENANCE AND TROUBLESHOOTING .....	12
EXERCISE GUIDELINES .....	13
PART LIST .....	14
EXPLODED DRAWING .....	15
ORDERING REPLACEMENT PARTS .....	Back Cover
LIMITED WARRANTY .....	Back Cover

## WARNING DECAL PLACEMENT

The warning decal shown at the right has been applied in the location shown. **If the decal is missing or illegible, call the telephone number on the front cover of this manual and request a free replacement decal. Apply the decal in the location shown.** Note: The decal 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 your elliptical exerciser indoors, away from moisture and dust. Place your elliptical exerciser on a level surface, with a mat beneath it to protect the floor or carpet. Make sure that there is enough clearance around your elliptical exerciser to mount, dismount, and use it.
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 250 lbs. (113 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 upper body arms 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. If you feel pain or dizziness while exercising, stop immediately and cool down.
14. Use your elliptical exerciser only as described in this manual.

# BEFORE YOU BEGIN

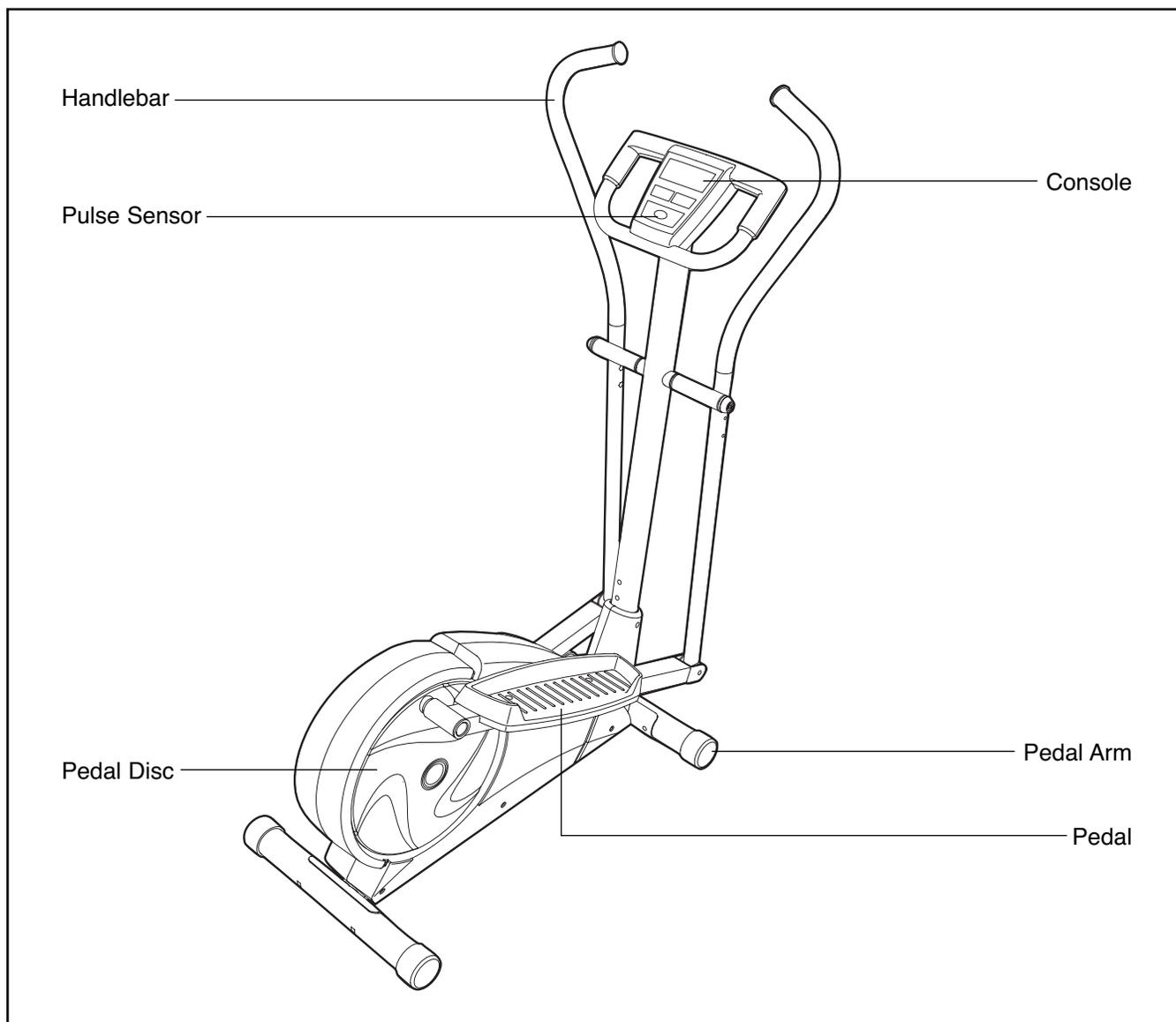
Congratulations for selecting the new WESLO® MOMENTUM 630 elliptical exerciser. The MOMENTUM 630 elliptical exerciser is an incredibly smooth exerciser that moves your feet in a natural elliptical path, minimizing the impact on your knees and ankles. And the unique MOMENTUM 630 features adjustable resistance and a simple-to-use console to help you get the most from your exercise.

**For your benefit, read this manual carefully before you use the elliptical exerciser.** If you have questions 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.

**To avoid a registration fee for any service needed under warranty, you must register the elliptical exerciser at [www.wesloservice.com/registration](http://www.wesloservice.com/registration).**

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

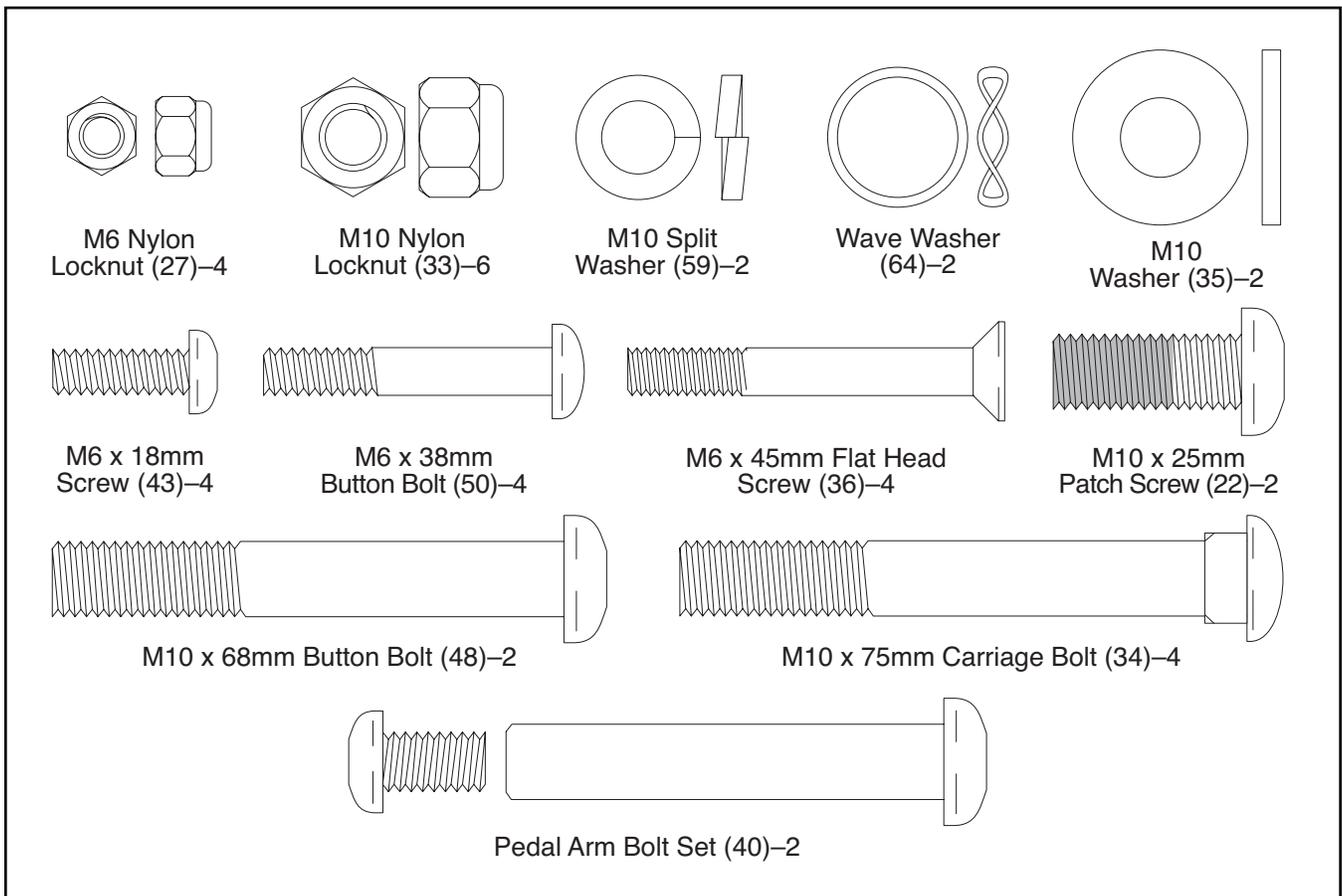


# ASSEMBLY

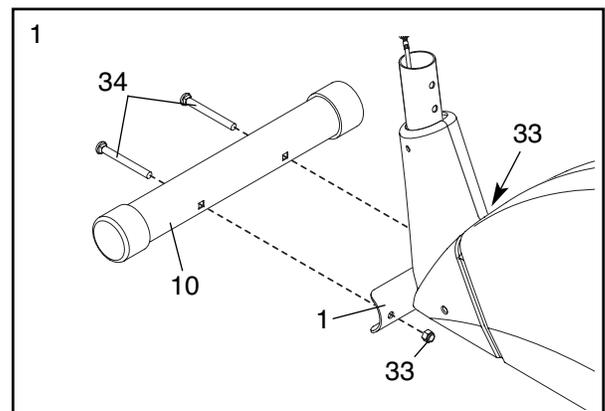
To hire an authorized service technician to assemble the elliptical exerciser, call 1-800-445-2480.

**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 hex keys, assembly requires a Phillips screwdriver** , **an adjustable wrench** , **and a rubber mallet** .

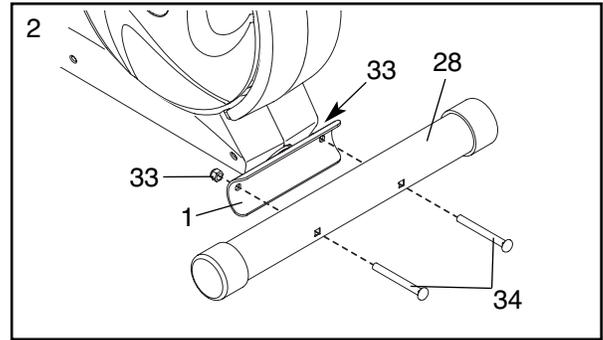
As you assemble the elliptical exerciser, use the drawings below to identify small parts. The number in parentheses below each drawing is the key number of the part, from the PART LIST on page 14. The second number is the quantity needed for assembly. **Note: Some small parts may have been preassembled. If a part is not in the parts bag, check to see if it has been preassembled.**



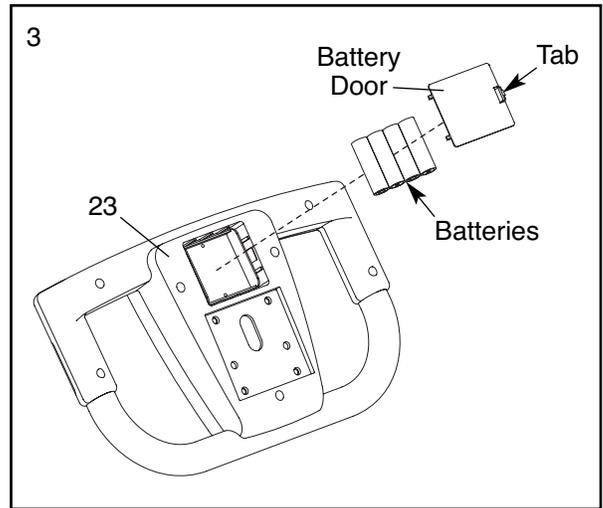
1. Identify the Front Stabilizer (10), which is narrower than the Rear Stabilizer (not shown). While another person lifts the front of the Frame (1), attach the Front Stabilizer with two M10 x 75mm Carriage Bolts (34) and two M10 Nylon Locknuts (33).



2. While another person lifts the back of the Frame (1), attach the Rear Stabilizer (28) to the Frame with two M10 x 75mm Carriage Bolts (33) and two M10 Nylon Locknuts (33).



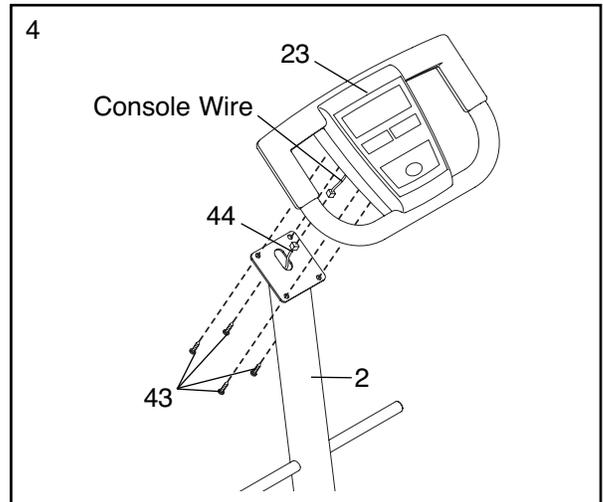
3. The Console (23) requires four “AA” batteries (not included); alkaline batteries are recommended. Press the tab on the battery door and remove it. Insert four batteries into the Console as shown. **Make sure that the batteries are oriented as shown by the markings on the battery door.** Then, reattach the battery door.



4. **Tip: Be careful to avoid pinching the console wire or the Upper Wire (44) during this step.**

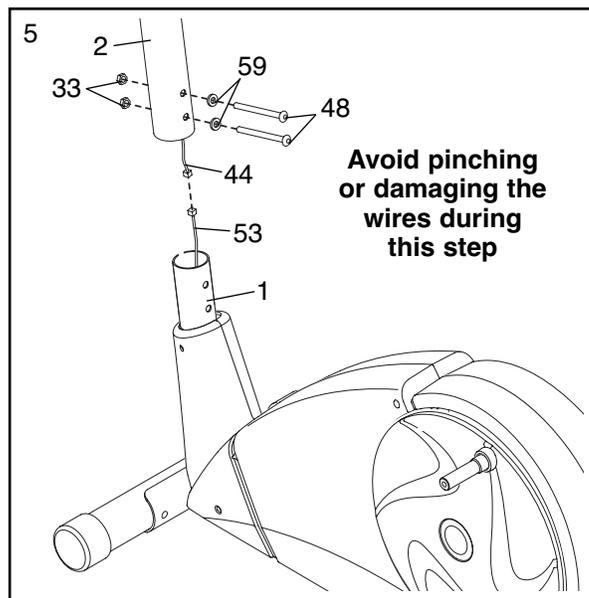
While another person holds the Console (23) near the Upright (2), connect the console wire to the Upper Wire (44). Insert the console wire and the Upper Wire into the Upright.

Next, attach the Console (23) to the Upright (2) with four M6 x 18mm Screws (43).



5. **Tip: Be careful not to pinch the Upper Wire (44) and the Lower Wire Harness (53) during this step.**

While another person holds the Upright (2) near the Frame (1), connect the Upper Wire (44) to the Lower Wire Harness (53). Push the excess wire downward into the Frame. Next, slide the Upright onto the Frame. Attach the Upright with two M10 x 68mm Button Bolts (48), two M10 Split Washers (59), and two M10 Nylon Locknuts (33). **Do not tighten the Button Bolts yet.**

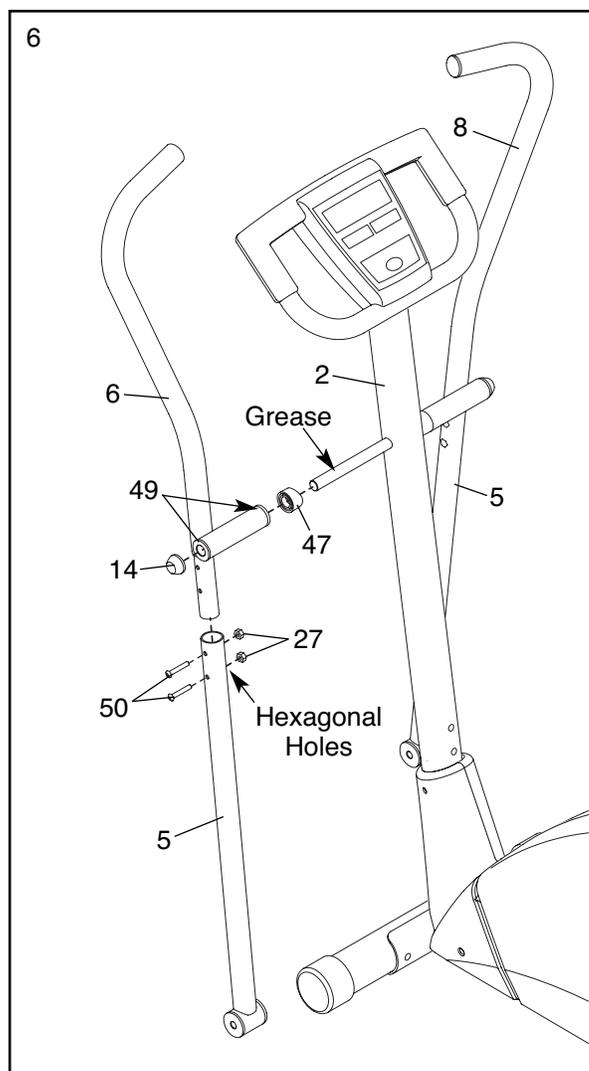


6. Identify the Left Handlebar (6), which is marked with a "Left" sticker. Insert the Left Handlebar into one of the Handlebar Arms (5); **make sure that the Handlebar Arm is turned so the hexagonal holes are on the indicated side.** Attach the Left Handlebar with two M6 x 38mm Button Bolts (50) and two M6 Nylon Locknuts (27). **Make sure that the Nylon Locknuts are inside the hexagonal holes. Do not fully tighten the Button Bolts yet.**

Apply a small amount of the included grease to the left axle on the Upright (2).

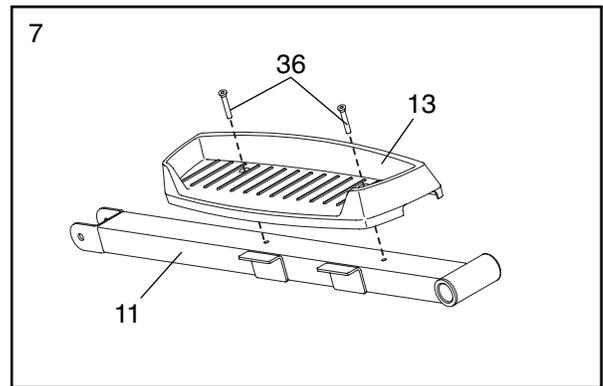
Make sure that there are two Small Handlebar Bushings (49) in the Left Handlebar (6). Slide a Handlebar Spacer (47) and the Left Handlebar onto the left axle on the Upright (2) as shown. **Make sure that the Handlebar Spacer is turned so the curved side is facing the Upright.** Then, tap an Axle Cap (14) onto the axle.

**Repeat this step to assemble the Right Handlebar (8) and the other Handlebar Arm (5).**



7. Identify the Left Pedal Arm (11), which is marked with a “Left” sticker. Attach a Pedal (13) to the Left Pedal Arm with two M6 x 45mm Flat Head Screws (36).

**Attach the other Pedal (not shown) to the Right Pedal Arm (not shown) in the same way.**



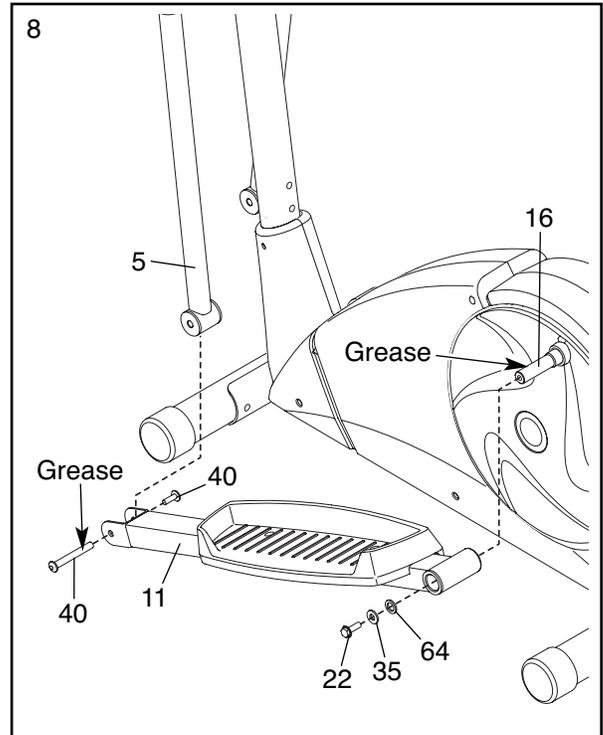
8. Apply a small amount of grease to the axle on the left Disc Crossbar (16). Slide the Left Pedal Arm (11) onto the axle, and then place a Wave Washer (64) on the end of the axle. Next, slide an M10 Washer (35) onto an M10 x 25mm Patch Screw (22) and tighten the Patch Screw into the axle.

Hold the lower end of the left Handlebar Arm (5) inside the bracket on the Left Pedal Arm (11). Next, apply grease to a Pedal Arm Bolt Set (40). Attach the Left Pedal Arm to the left Handlebar Arm with the Bolt Set. **Do not overtighten the Bolt Set; the Handlebar Arm must pivot freely.**

Attach the Right Pedal Arm (not shown) to the right side of the elliptical exerciser in the same way.

**See step 5.** Tighten the M10 x 68mm Button Bolts (48).

**See step 6.** Tighten the M6 x 38mm Button Bolts (50) in the Handlebar Arms (5).

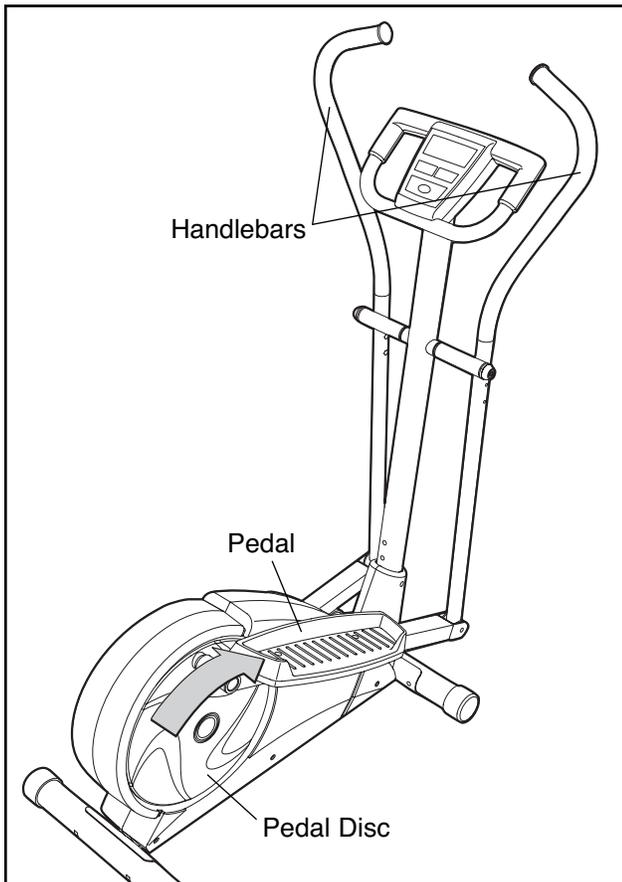


9. **Make sure that all parts of the elliptical exerciser are properly tightened.** Note: Some hardware may be left over after assembly is completed. To protect the floor or carpet from damage, place a mat under the elliptical exerciser.

# HOW TO USE THE ELLIPTICAL EXERCISER

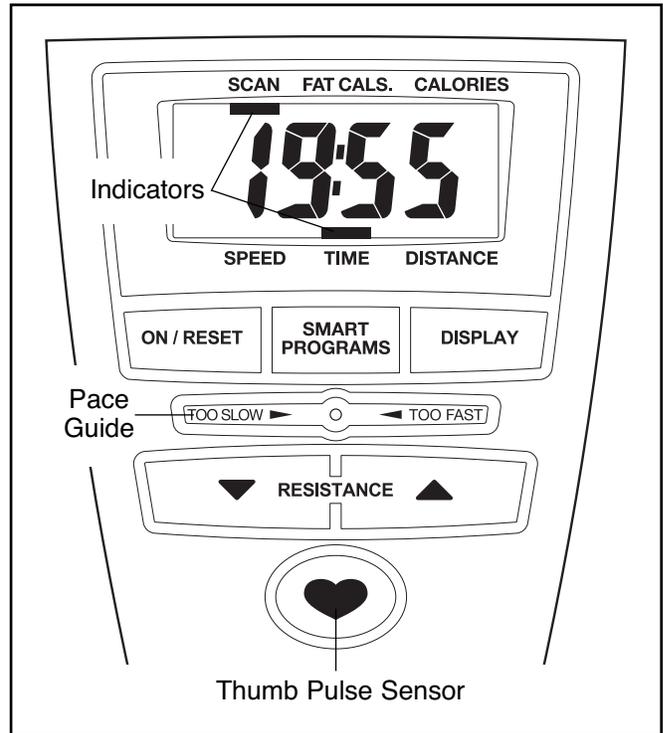
## HOW TO EXERCISE ON THE ELLIPTICAL EXERCISER

To mount the elliptical exerciser, hold the handlebars and step onto the pedal in the lower position. Then, step onto the other pedal. Push the pedals until they begin to move with a continuous motion. **Note: The pedal discs can turn in either direction. It is recommended that you move the pedal discs in the direction shown by the arrow; however, for variety, you may turn the pedal discs 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 console offers a selection of features designed to make your workouts more effective. When you use the manual mode of the console, you can change the resistance of the pedals with the touch of a button. As you pedal, the console will provide continuous exercise feedback. You can even measure your heart rate using the built-in thumb pulse sensor.

The console also offers two smart programs that automatically change the resistance of the pedals and prompt you to vary your pedaling pace while guiding you through an effective workout.

**To use the manual mode of the console,** see the instructions on page 10. **To use a smart program,** see page 11.

Before using the console, make sure that batteries are installed (see assembly step 3 on page 6). If there is a sheet of clear plastic on the display, remove the plastic.

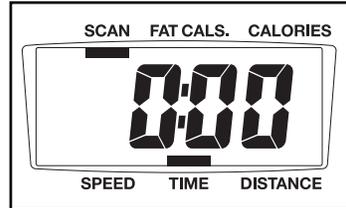
## HOW TO USE THE MANUAL MODE

### 1. Turn on the console.

To turn on the console, press the On/Reset button or begin pedaling. The entire display and the pace guide will light for a moment; the console will then 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 program, reselect the manual mode by pressing the Smart Programs button repeatedly until the scan and time indicators appear in the display.



### 3. Change the resistance of the pedals as desired.

As you pedal, change the resistance of the pedals by pressing the Resistance Increase and Decrease buttons. There are ten resistance levels. Note: After you press the buttons, it will take a moment for the pedals to reach the selected resistance level.

### 4. Follow your progress with the display.

The console has six displays that show the following workout information:

**Speed**—This display shows your pedaling speed, in revolutions per minute (rpm).

**Time**—This display shows the elapsed time. Note: When a smart program is selected, the display shows the time remaining in the program instead of the elapsed time.

**Distance**—This display shows the distance you have pedaled, in total revolutions.

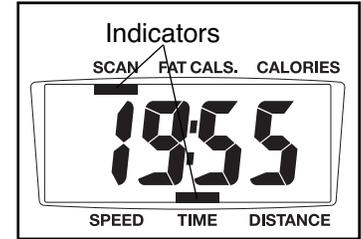
**Calories**—This display shows the approximate number of calories you have burned.

**Fat Calories**—This display shows the approximate number of fat calories you have burned (see Burning Fat on page 13).

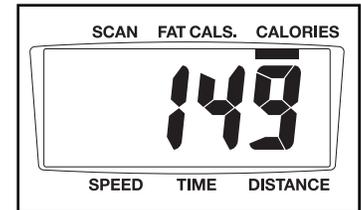
**Pulse**—This display shows your heart rate when you use the thumb pulse sensor.

**Scan**—This display shows the speed, time, distance, calories, fat calories, and pulse displays, for a few seconds each, in a repeating cycle. Note: The pulse display will appear only when you are using the pulse sensor.

When you turn the power on, the scan display will be selected automatically. One indicator will appear below the word Scan to show that the scan display is selected, and a second indicator will show which information is currently displayed. Note: If you have selected a different display option, press the Display button repeatedly to reselect the Scan display.



To select speed, time, distance, calories, or fat calories information for continuous display, press the Display button repeatedly. The indicators will show which display is selected. Make sure there is not an indicator below the word Scan.



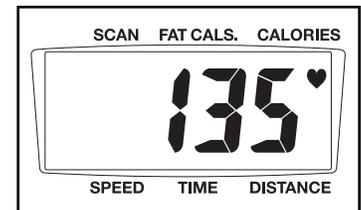
To reset the display, press the On/Reset button.

To pause the console, stop pedaling. When the console is paused, the time will flash in the display. To continue your workout, simply resume pedaling.

### 5. Measure your heart rate if desired.

To measure your heart rate, **stop pedaling** and place your thumb on the pulse sensor. **Do not press too hard, or the cir-**

**culation in your thumb will be restricted and your pulse will not be detected.** After a few seconds, the heart-shaped indicator in the display will flash **steadily**, two dashes will appear, and then your heart rate will be shown. Hold your thumb on the pulse sensor for about 15 seconds for the most accurate reading.



If the displayed heart rate appears to be too high or too low, or if your heart rate is not displayed, lift your thumb off the pulse sensor for a few seconds. Then, place your thumb on the pulse sensor as described above.

Make sure you are applying the proper amount of pressure to the pulse sensor. Try the pulse sensor several times until you become familiar with it. Remember to stand still while measuring your heart rate.

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

If the pedals do not move for a few seconds, the time will flash in the display and the console will pause. If the pedals do not move for a few minutes, the console will turn off and the display will be reset.

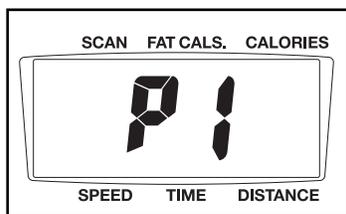
**HOW TO USE A SMART PROGRAM**

**1. Turn on the console.**

See step 1 on page 10.

**2. Select a smart program.**

To select a smart program, press the Smart Programs button repeatedly until P1 or P2 appears in the display. A few seconds after you select a smart program, the display will show the length of the program.

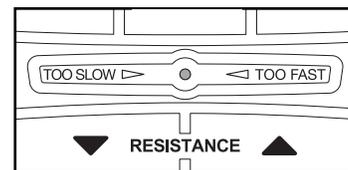


**3. Begin pedaling to start the program.**

The smart programs consist of 20 or 30 one-minute segments. One resistance level and one target pace are programmed for each segment.

Whenever the resistance is about to change, the resistance level will flash in the display for a few seconds. The resistance of the pedals will then automatically change to the resistance level programmed for the next segment. Note: You can manually override the programmed resistance level by pressing the Resistance Increase and Decrease buttons. However, when the current segment ends, the resistance will automatically change to the resistance level programmed for the next segment.

During the program, the pace guide will prompt you to keep your pedaling pace near the target pace setting for the current segment. When the left indicator lights, increase your pace; when the right indicator lights, decrease your pace. When the center indicator lights, maintain your current pace.



When the left indicator lights, increase your pace; when the right indicator lights, decrease your pace. When the center indicator lights, maintain your current pace.

**Important: The pace guide is intended only to provide a goal. Make sure to pedal at a pace that is comfortable for you.**

The display will show the time remaining in the program. If you stop pedaling for a few seconds, the program will pause and the time will flash in the display. To restart the program, simply resume pedaling.

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

See step 4 on page 10.

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

See step 5 on page 10.

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

See step 6 on this page.

---

# 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: Keep liquids away from the console, place only a sealed water bottle in the water bottle holder, and keep the console out of direct sunlight. During storage, remove the batteries from the console.**

## BATTERY REPLACEMENT

If the console display becomes dim, the batteries should be replaced; most console problems are the result of low batteries. To replace the batteries, see step 3 on page 6.

# 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, maximum 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	♥
<hr/>							
20	30	40	50	60	70	80	

To find the proper intensity level, first 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.

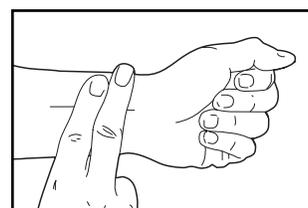
**Burning Fat**—To burn fat effectively, you must exercise at a low intensity level for a sustained period of time. During the first few minutes of exercise, your body uses *carbohydrate calories* for energy. Only after the first few minutes of exercise does your body begin to use stored *fat calories* 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.

## HOW TO MEASURE YOUR HEART RATE

To measure your heart rate, exercise for at least four minutes. Then, stop exercising and place two fingers on your wrist as shown. Take a six-second



heartbeat count, and multiply the result by 10 to find your heart rate. For example, if your six-second heartbeat count is 14, your heart rate is 140 beats per minute. Note: If your exercise equipment includes a pulse sensor, you can use the pulse sensor to measure your heart rate.

## WORKOUT GUIDELINES

**Warm-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.

**Cool-down**—Finish with 5 to 10 minutes of stretching. Stretching increases the flexibility of your muscles and will help 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. WLEL71807.0

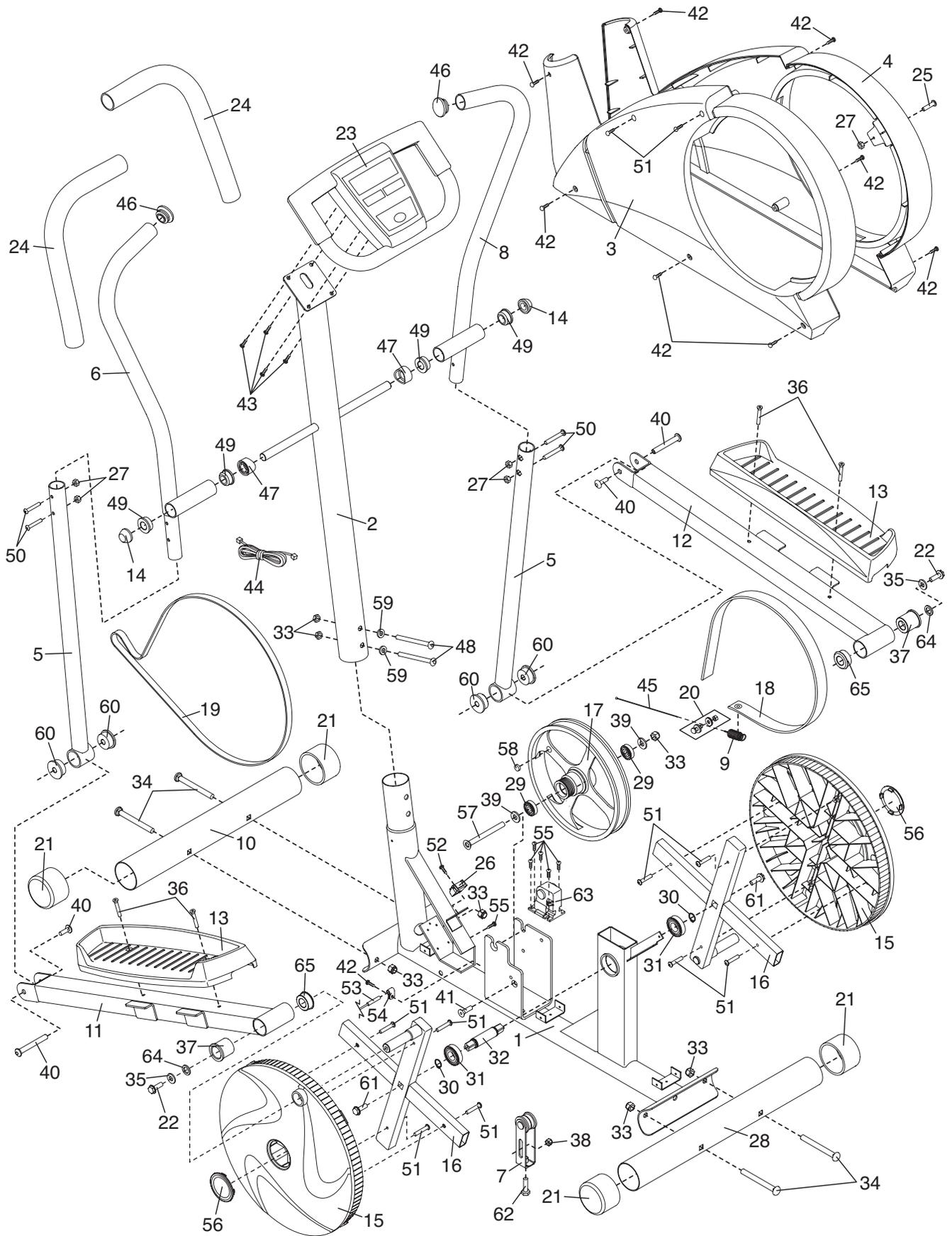
R0607A

Key No.	Qty.	Description	Key No.	Qty.	Description
1	1	Frame	36	4	M6 x 45mm Flat Head Screw
2	1	Upright	37	2	Pedal Arm Bushing
3	1	Left Side Shield	38	1	M8 Nylon Locknut
4	1	Right Side Shield	39	2	M10 Small Washer
5	2	Handlebar Arm	40	2	Pedal Arm Bolt Set
6	1	Left Handlebar	41	1	M8 x 22mm Flat Head Screw
7	1	Idler Assembly	42	9	M4 x 16mm Screw
8	1	Right Handlebar	43	4	M6 x 18mm Screw
9	1	Spring	44	1	Upper Wire Harness
10	1	Front Stabilizer	45	1	Resistance Cable
11	1	Left Pedal Arm	46	2	Handlebar Cap
12	1	Right Pedal Arm	47	2	Handlebar Spacer
13	2	Pedal	48	2	M10 x 68mm Button Bolt
14	2	Axle Cap	49	4	Small Handlebar Bushing
15	2	Pedal Disc	50	4	M6 x 38mm Button Bolt
16	2	Disc Crossbar	51	10	M4 x 30mm Button Screw
17	1	Flywheel	52	1	M4 x 16mm Flat Head Screw
18	1	Resistance Strap	53	1	Lower Wire Harness
19	1	Drive Belt	54	1	Cable Clamp
20	1	Cable Clamp	55	6	M4 x 12mm Screw
21	4	Endcap	56	2	Pedal Disc Cover
22	2	M10 x 25mm Patch Screw	57	1	M10 Flat Head Bolt
23	1	Console	58	1	Magnet
24	2	Handgrip	59	2	M10 Split Washer
25	1	M6 x 16mm Bolt	60	4	Large Handlebar Bushing
26	1	Strap Clamp	61	2	3/8" x 25.4mm Hex Bolt
27	5	M6 Nylon Locknut	62	1	M10 x 60mm Bolt
28	1	Rear Stabilizer	63	1	Resistance Motor
29	2	Flywheel Bearing	64	2	Wave Washer
30	2	Large Snap Ring	65	2	Inner Pedal Arm Bushing
31	2	Large Bearing	66	2	M4 x 25mm Screw
32	1	Pedal Axle	*	—	Hex Key
33	7	M10 Nylon Locknut	*	—	Grease Packet
34	4	M10 x 75mm Carriage Bolt	*	—	User's Manual
35	2	M10 Washer			

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

# EXPLODED DRAWING—Model No. WLEL71807.0

R0607A



---

# ORDERING REPLACEMENT PARTS

To order replacement parts, please see the front cover of this manual. To help us assist you, 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 Health & Fitness, Inc. (ICON) warrants this product to be free from defects in workmanship and material, under normal use and service conditions, for a period of 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 replacing or repairing, at ICON's option, the product through one of its authorized service centers. All repairs for which warranty claims are made must be pre-authorized by ICON. If the product is shipped to a service center, freight charges to and from the service center will be the customer's responsibility. For in-home service, the customer will be responsible for a minimal trip charge. This warranty does not extend to any product or 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 or damages with respect to any economic loss, loss of property, loss of revenues or profits, loss of enjoyment or use, costs of removal or installation or other consequential damages of whatsoever nature. Some states 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 is limited in its scope and duration to the terms set forth herein. Some states 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 which vary from state to state.

**ICON HEALTH & FITNESS, INC., 1500 S. 1000 W., LOGAN, UT 84321-9813**