

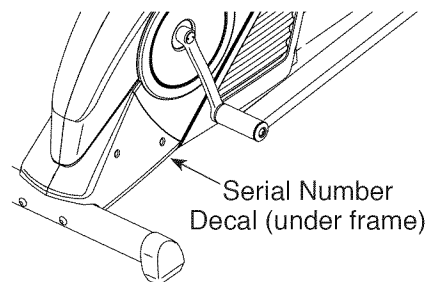
# PRO-FORM<sup>®</sup>

## HYBRID TRAINER

Model No. 831.23880.0

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

Write the serial number in the space above for reference.



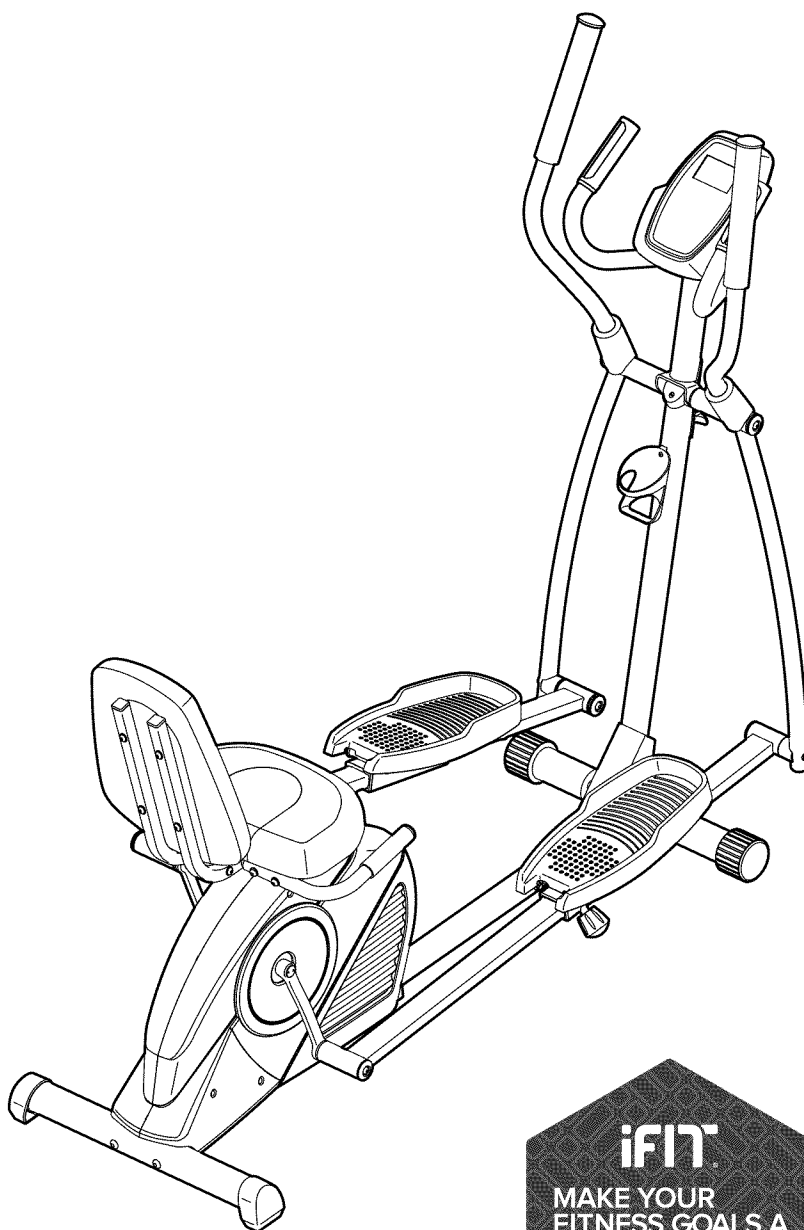
- Assembly
- Operation
- Maintenance
- Part List and Drawing

Sears, Roebuck and Co.  
Hoffman Estates, IL 60179

### CAUTION

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

## HYBRID TRAINER User's Manual



# TABLE OF CONTENTS

WARNING DECAL PLACEMENT ..... 2

IMPORTANT PRECAUTIONS..... 3

BEFORE YOU BEGIN..... 4

PART IDENTIFICATION CHART..... 5

ASSEMBLY..... 6

HOW TO USE THE HYBRID TRAINER ..... 15

FCC INFORMATION ..... 20

MAINTENANCE AND TROUBLESHOOTING ..... 21

EXERCISE GUIDELINES ..... 23

PART LIST..... 25

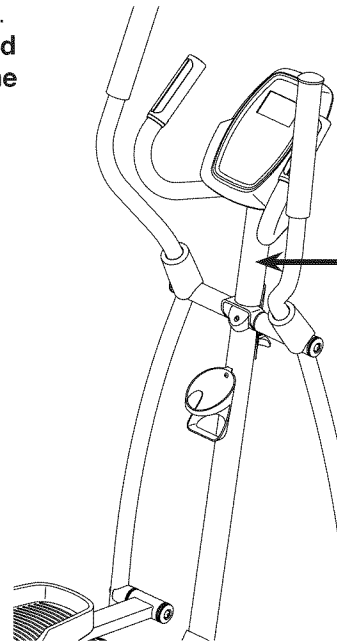
EXPLODED DRAWING..... 26

ORDERING REPLACEMENT PARTS..... Back Cover

90 DAY FULL WARRANTY ..... Back Cover

## WARNING DECAL PLACEMENT

This drawing shows the location(s) of the warning decal(s). **If a decal is missing or illegible, call 1-888-533-1333 and request a free replacement decal. Apply the decal in the location shown.** Note: The decal(s) may not be shown at actual size.



**WARNING**

- Misuse of this machine may result in serious injury.
- Read user's manual prior to use and follow all warnings and instructions.
- Do not allow children on or around machine.
- Pedals continue to spin when you stop pedaling.
- Spinning pedals can cause injury.
- Reduce pedal speed in a controlled manner.
- User weight must not exceed 350 lbs / 159 kgs.
- This product should always be used on a level surface.
- This product is not intended for therapeutic use.
- Replace label if damaged, illegible, or removed.

---

# IMPORTANT PRECAUTIONS

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

1. It is the responsibility of the owner to ensure that all users of the hybrid trainer are adequately informed of all precautions.
2. Before beginning any exercise program, consult your physician. This is especially important for persons over age 35 or persons with pre-existing health problems.
3. Use the hybrid trainer only as described in this manual.
4. The hybrid trainer is intended for home use only. Do not use the hybrid trainer in a commercial, rental, or institutional setting.
5. Keep the hybrid trainer indoors, away from moisture and dust. Do not put the hybrid trainer in a garage or covered patio or near water.
6. Place the hybrid trainer on a level surface, with at least 3 ft. (0.9 m) of clearance in the front and rear of the hybrid trainer and 2 ft. (0.6 m) on each side. To protect the floor or carpet from damage, place a mat under the hybrid trainer.
7. Inspect and properly tighten all parts regularly. Replace any worn parts immediately.
8. Keep children under age 12 and pets away from the hybrid trainer at all times.
9. The hybrid trainer should not be used by persons weighing more than 350 lbs. (159 kg).
10. Wear appropriate clothes while exercising; do not wear loose clothes that could become caught on the hybrid trainer. Always wear athletic shoes for foot protection while exercising.
11. Hold the handlebars or the upper body arms when mounting, dismounting, or using the hybrid trainer.
12. Make sure that the pedal knobs are fully tightened each time you use the hybrid trainer.
13. The heart rate monitor is not a medical device. Various factors may affect the accuracy of heart rate readings. The heart rate monitor is intended only as an exercise aid in determining heart rate trends in general.
14. The hybrid trainer does not have a freewheel; the pedals will continue to move until the flywheel stops. Reduce your pedaling speed in a controlled way.
15. Keep your back straight while using the hybrid trainer; do not arch your back.
16. 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.

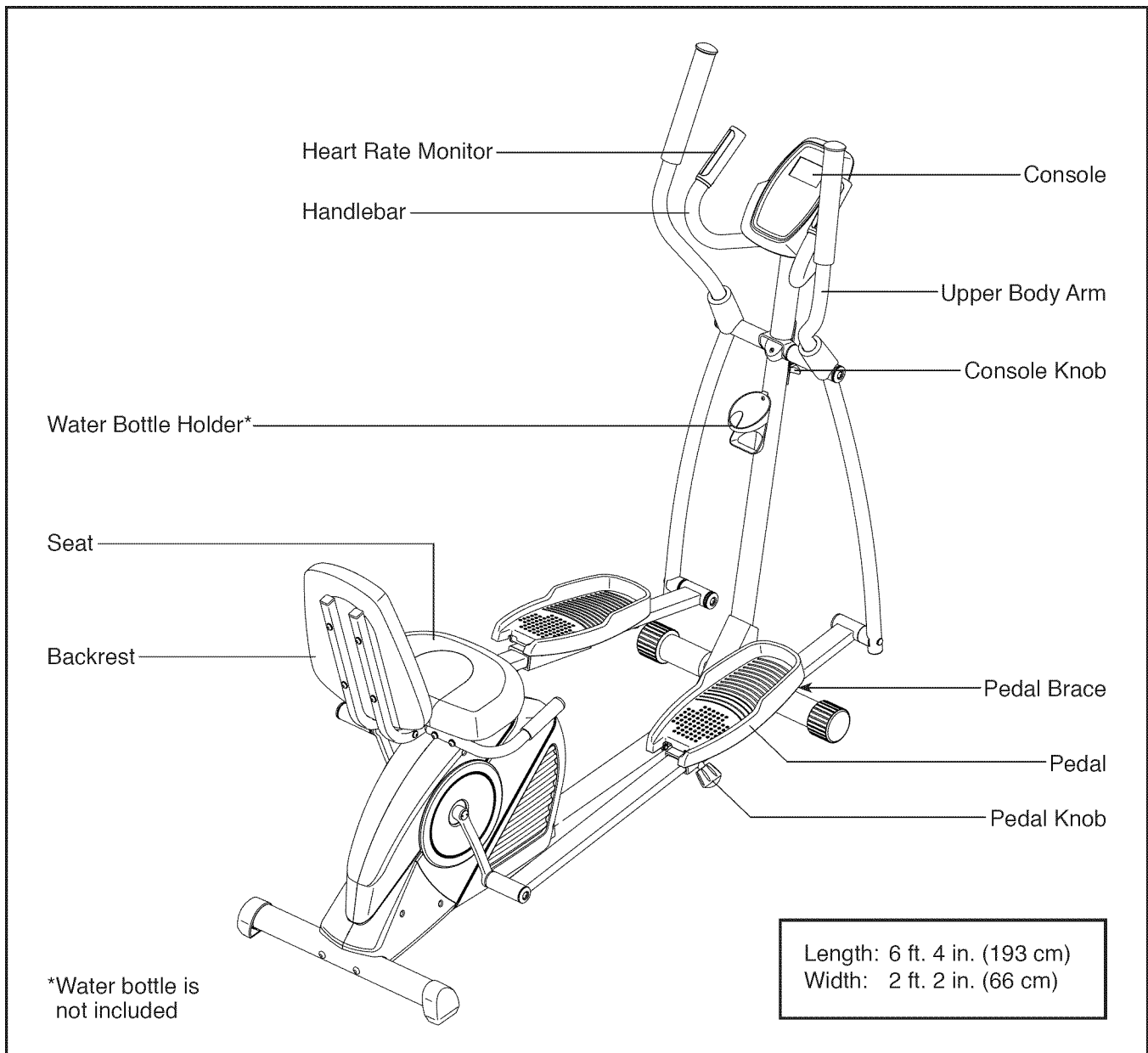
# BEFORE YOU BEGIN

Thank you for selecting the revolutionary PROFORM® HYBRID TRAINER. The HYBRID TRAINER 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 hybrid trainer.** If you have questions after reading this manual, please see the back cover of this

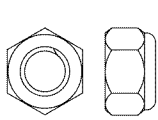
manual. To help us assist you, note the product model number and serial number before contacting us. The model number and the location of the serial number decal are shown on the front cover of this manual.

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

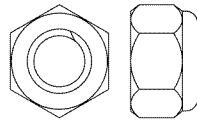


# PART IDENTIFICATION CHART

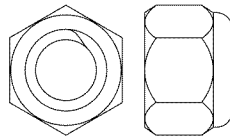
Use the drawings below to identify the small parts needed for assembly. The number in parentheses below each drawing is the key number of the part, from the PART LIST near the end of this manual. The number following the key number is the quantity needed for assembly. **Note: If a part is not in the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



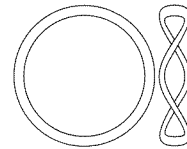
M6 Locknut  
(51)-4



M8 Locknut  
(10)-10



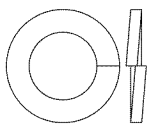
M10 Locknut  
(48)-1



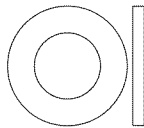
Wave Washer  
(81)-4



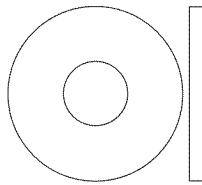
M6 Curved  
Washer  
(25)-4



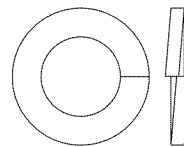
M8 Split  
Washer  
(42)-8



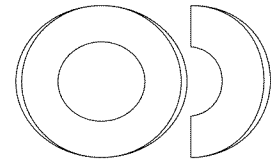
M8 Small  
Washer  
(93)-4



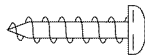
M8 Large  
Washer (54)-4



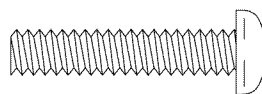
M10 Split  
Washer (98)-2



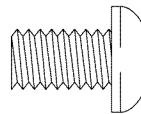
M10 Curved  
Washer (39)-3



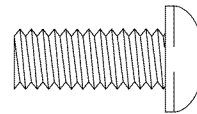
M4 x 16mm  
Screw (47)-8



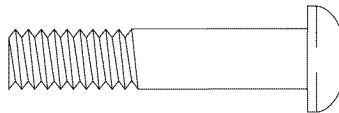
M6 x 30mm  
Bolt (49)-4



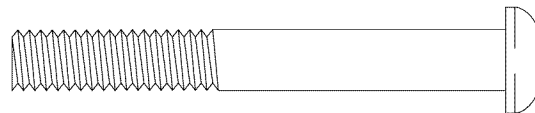
M8 x 13mm  
Screw (95)-6



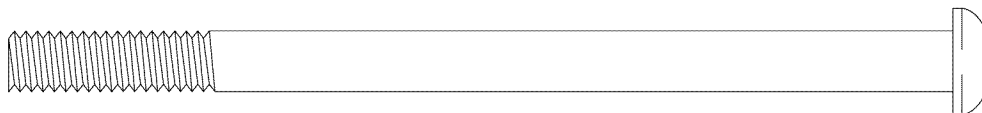
M8 x 20mm  
Screw (34)-4



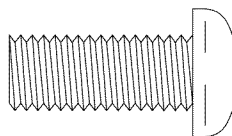
M8 x 40mm Bolt (83)-6



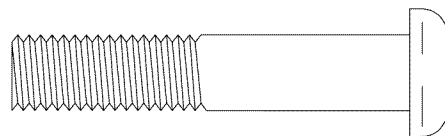
M8 x 65mm Bolt (94)-2



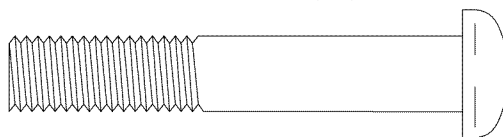
M8 x 125mm Bolt (58)-2



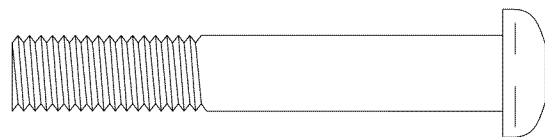
M10 x 25mm  
Screw (96)-1



M10 x 54mm Screw (97)-1



M10 x 60mm Bolt (61)-1



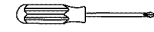
M10 x 65mm Screw (40)-4

# ASSEMBLY

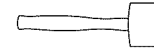
- Assembly requires two persons.
- Place all parts in a cleared area and remove the packing materials. Do not dispose of the packing materials until you finish assembly.
- Left parts are marked “L” or “Left” and right parts are marked “R” or “Right.”
- To identify small parts, see page 5.

- In addition to the included tool(s), assembly requires the following tools:

one Phillips screwdriver



one rubber mallet

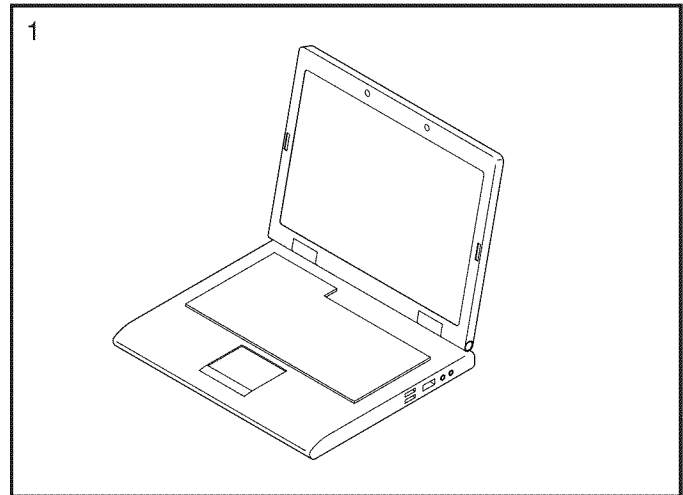


Assembly may be easier if you have a set of wrenches. To avoid damaging parts, do not use power tools.

1. **Go to [www.proformservice.com/registration](http://www.proformservice.com/registration) on your computer and register your product.**

- activates your warranty
- saves you time if you ever need to contact Customer Care
- allows us to notify you of upgrades and offers

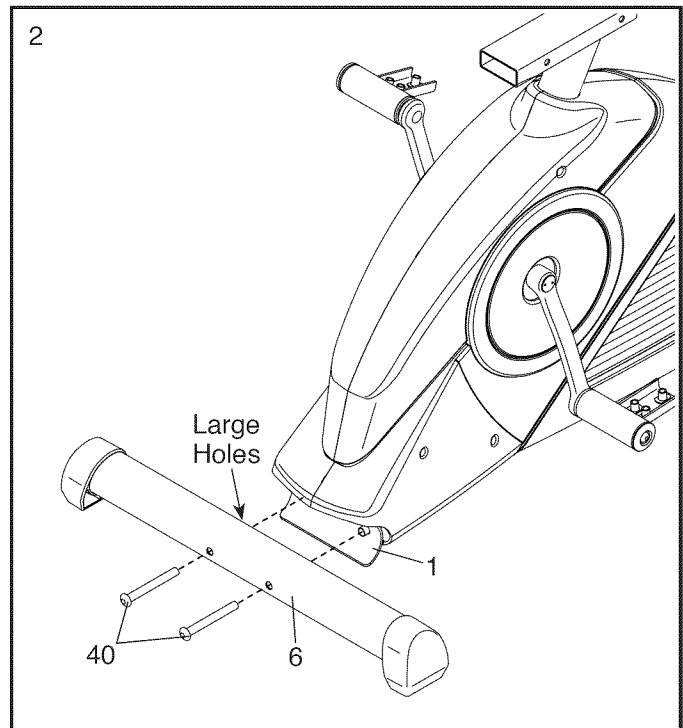
Note: If you do not have Internet access, call 1-888-533-1333 and register your product.



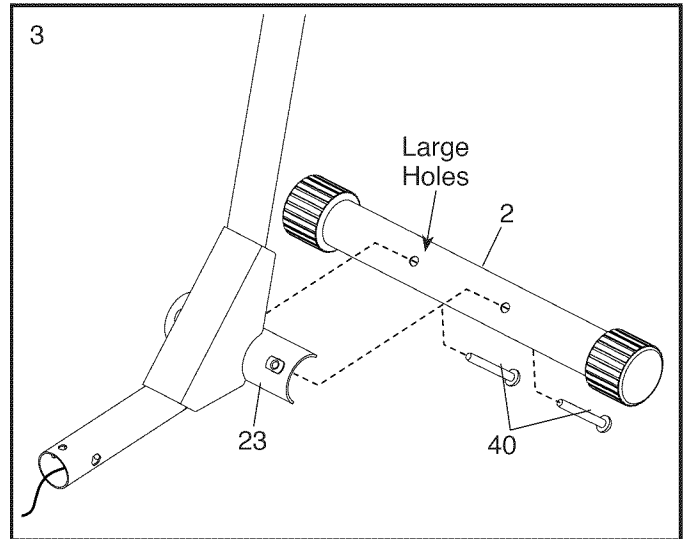
2. With the help of a second person, place some of the packing materials (not shown) under the Rear Frame (1). **Have the second person hold the Rear Frame to prevent it from tipping while you complete this step.**

Orient the Rear Stabilizer (6) so that the large holes are facing the Rear Frame (1). Attach the Rear Stabilizer to the Rear Frame with two M10 x 65mm Screws (40).

Then, remove the packing materials from under the Rear Frame (1).

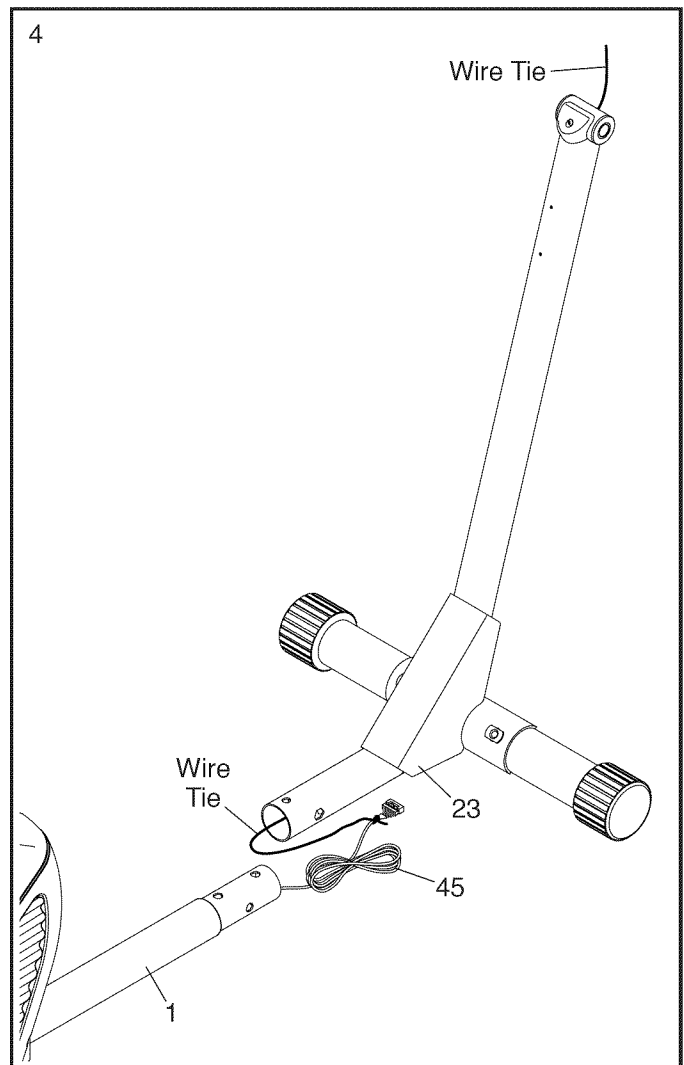


3. Orient the Front Stabilizer (2) so that the large holes are facing the Front Frame (23). Attach the Front Stabilizer to the Front Frame with two M10 x 65mm Screws (40).



4. Set the Front Frame (23) near the Rear Frame (1) as shown.

Locate the wire tie in the Front Frame (23). Tie the wire tie to the Main Wire Harness (45) in the Rear Frame (1). Then, pull the upper end of the wire tie until the Main Wire Harness is routed through the Front Frame.



5. **Tip: Avoid pinching the Main Wire Harness (45).** Slide the Front Frame (23) onto the Rear Frame (1).

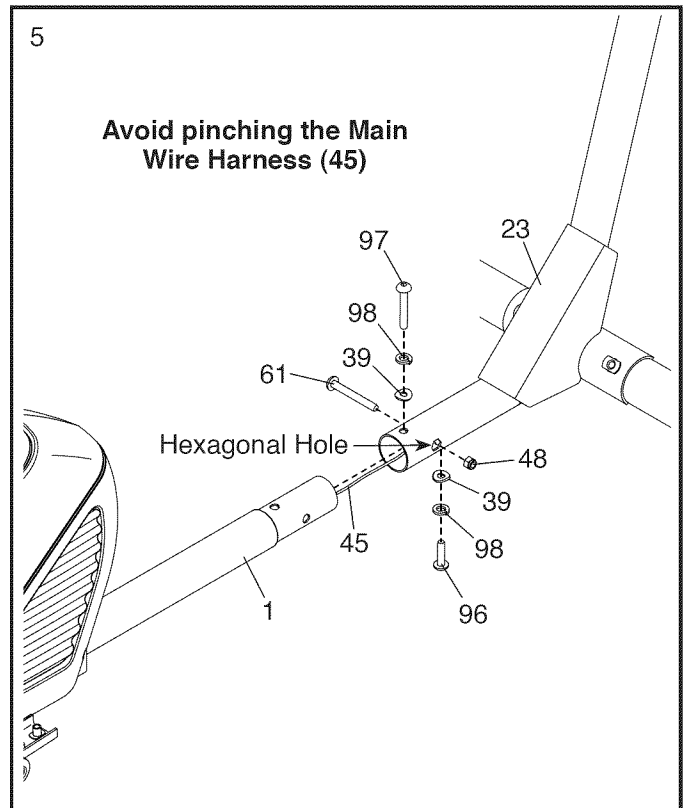
Attach the Front Frame (23) with an M10 x 25mm Screw (96), an M10 Split Washer (98), and an M10 Curved Washer (39). **Do not tighten the Screw yet.**

Next, attach the Front Frame (23) with an M10 x 54mm Screw (97), an M10 Split Washer (98), and an M10 Curved Washer (39). **Do not tighten the Screw yet.**

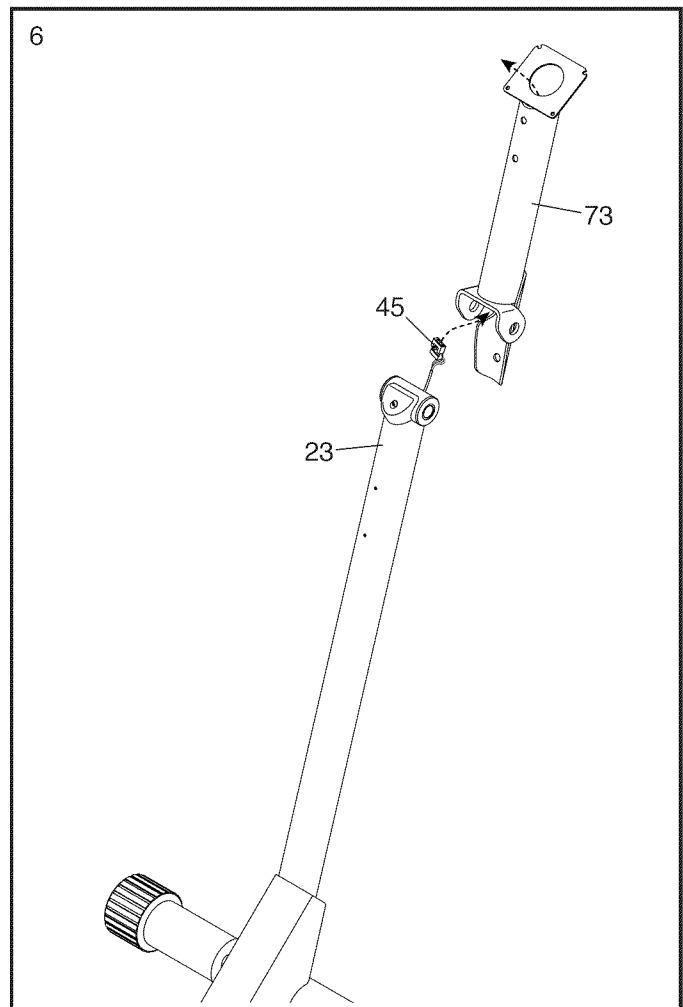
Then, attach the Front Frame (23) with an M10 x 60mm Bolt (61) and an M10 Locknut (48); **make sure that the Locknut is in the hexagonal hole.** **Do not tighten the Bolt yet.**

**See steps 2 and 3.** Make sure that the ends of the Rear Stabilizer (6) and the Front Stabilizer (2) are touching the floor.

**Tighten the Bolt and the Screws (61, 96, 97).**



6. Hold the Console Post (73) near the Front Frame (23) as shown. Insert the Main Wire Harness (45) upward through the Console Post.

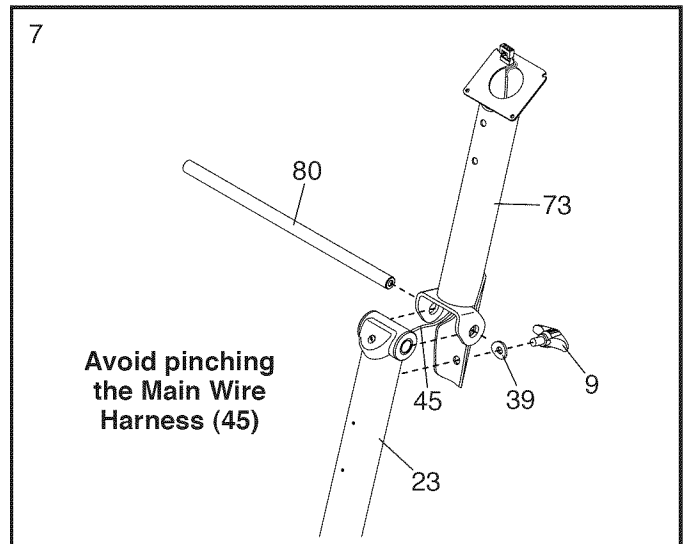




7. **Tip: Avoid pinching the Main Wire Harness (45).** Slide the Console Post (73) onto the Front Frame (23) and hold it in place.

Next, insert the Axle (80) into the Console Post (73) and into the Front Frame (23). Center the Axle.

Then, tighten the Console Knob (9) with an M10 Curved Washer (39) into the Console Post (73) and into the Front Frame (23).

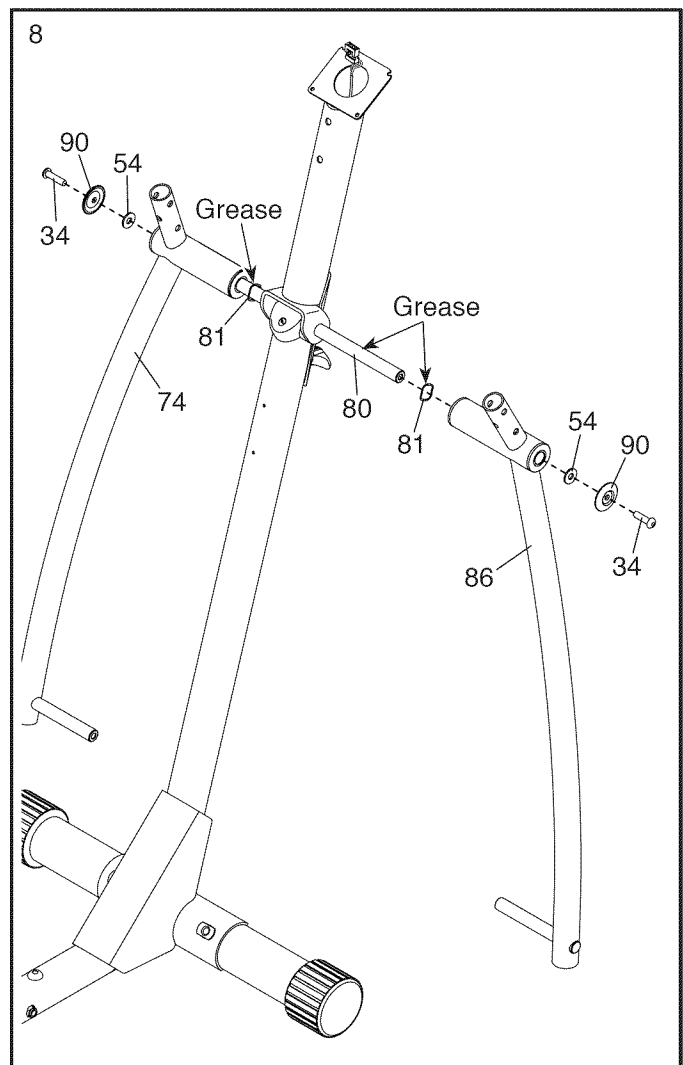


8. Identify the Left Upper Body Leg (74) and the Right Upper Body Leg (86).

Using a plastic bag to keep your fingers clean, apply a generous amount of the included grease to each side of the Axle (80) and to two Wave Washers (81).

Next, slide the two Wave Washers (81) and the Upper Body Legs (74, 86) onto the Axle (80); **make sure that the Upper Body Legs are on the correct sides.**

Then, tighten an M8 x 20mm Screw (34), a Pivot Cover (90), and an M8 Large Washer (54) into each end of the Axle (80) **at the same time.**

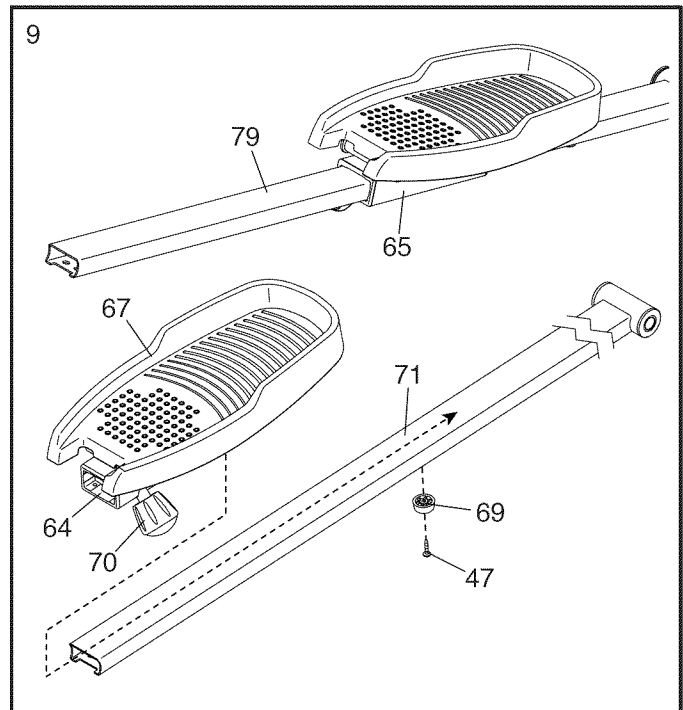


9. Identify the Right Pedal Carriage (64), which is attached to one of the Pedals (67). In addition, identify the Right Pedal Leg (71).

Loosen the Pedal Knob (70) on the right side of the Right Pedal Carriage (64), slide the Right Pedal Carriage **as far as possible** onto the Right Pedal Leg (71), and then tighten the Pedal Knob.

Then, attach a Small Bumper (69) to the underside of the Right Pedal Leg (71) with an M4 x 16mm Screw (47).

**Repeat this step with the Left Pedal Carriage (65), the Left Pedal Leg (79), and the other Small Bumper (not shown).**

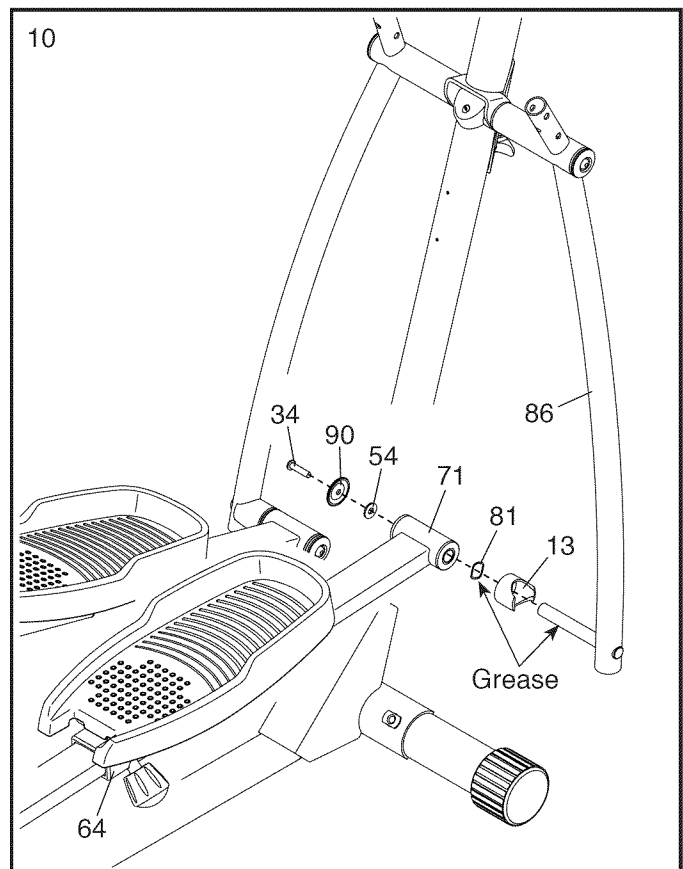


10. Apply a generous amount of grease to the axle on the Right Upper Body Leg (86) and to two Wave Washers (81).

Next, slide a Leg Bushing (13), a Wave Washer (81), and the Right Pedal Leg (71) with the Right Pedal Carriage (64) onto the axle.

Then, tighten an M8 x 20mm Screw (34), a Pivot Cover (90), and an M8 Large Washer (54) into the axle.

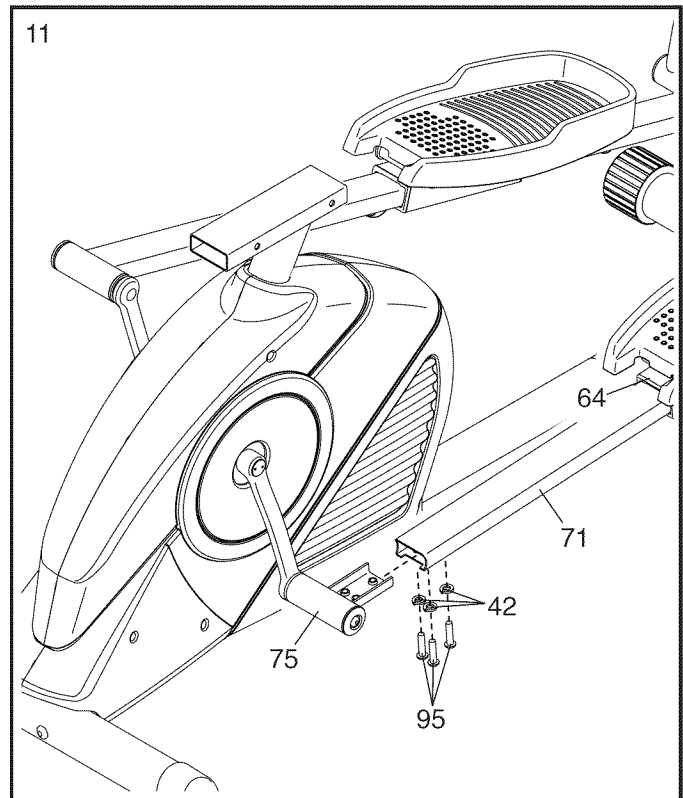
**Repeat this step on the other side of the hybrid trainer.**



11. Slide the Right Pedal Leg (71) onto the Right Pedal Leg Bracket (75).

Attach the Right Pedal Leg (71) with three M8 x 13mm Screws (95) and three M8 Split Washers (42). **Start all three Screws, and then tighten them.**

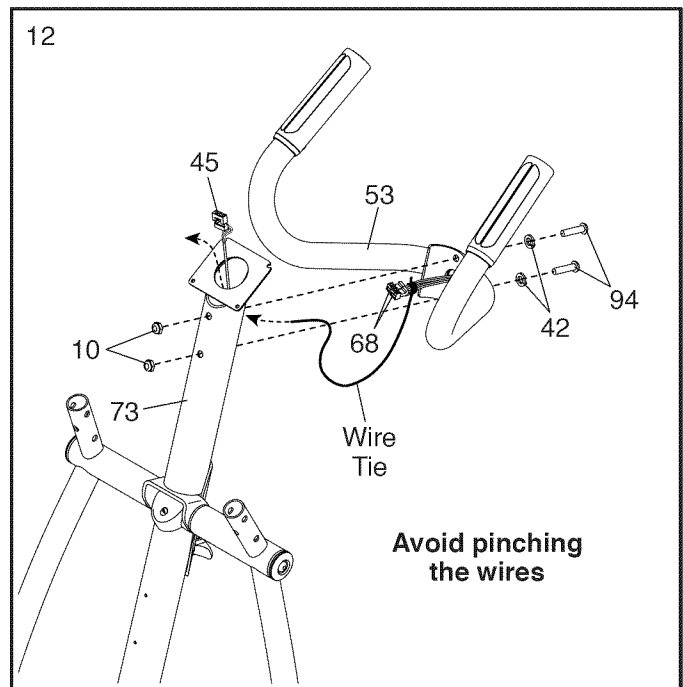
**Repeat this step on the other side of the hybrid trainer.**



12. Have a second person hold the Handlebar (53) near the Console Post (73).

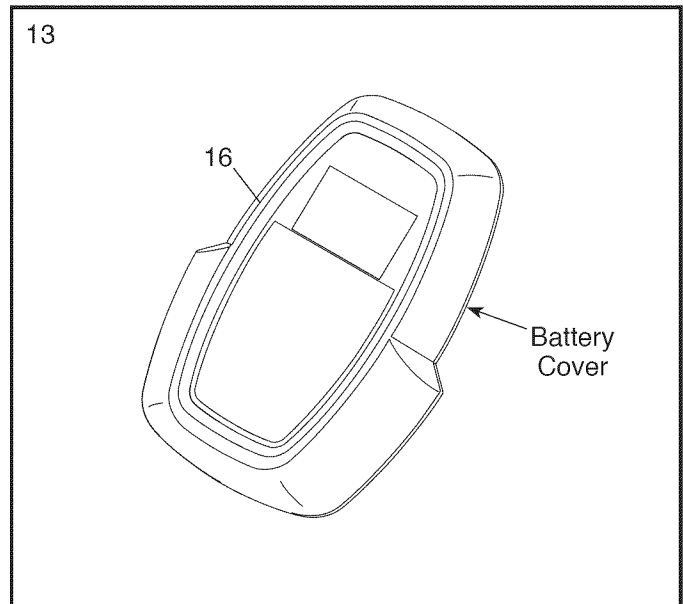
Insert the indicated wire tie into the hole in the side of the Console Post (73), and then pull the wire tie until the Pulse Wires (68) are routed through the Console Post.

**Tip: Avoid pinching the wires.** Attach the Handlebar (53) to the Console Post (73) with two M8 x 65mm Bolts (94), two M8 Split Washers (42), and two M8 Locknuts (10).



13. The Console (16) requires four AA batteries (not included); alkaline batteries are recommended. Do not use old and new batteries together or alkaline, standard, and rechargeable batteries together. **IMPORTANT: If the Console has been exposed to cold temperatures, allow it to warm to room temperature before inserting batteries. Otherwise, you may damage the console displays or other electronic components.**

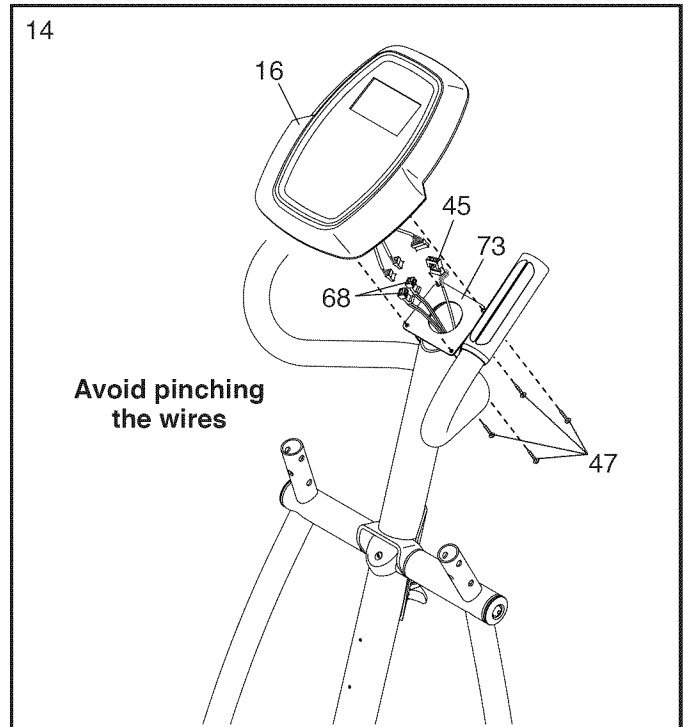
Remove the battery cover from the back of the Console (16), and insert batteries into the battery compartment. **Make sure to orient the batteries as shown by the diagram inside the battery compartment.** Then, reattach the battery cover.



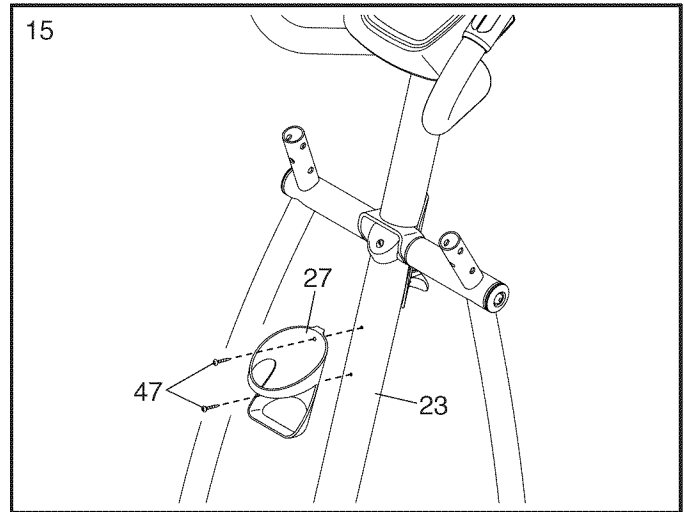
14. Have a second person hold the Console (16) near the Console Post (73). Connect the wires on the Console to the Main Wire Harness (45) and to the Pulse Wires (68).

Insert the excess wire into the Console Post (73) or into the Console (16).

**Tip: Avoid pinching the wires.** Attach the Console (16) to the Console Post (73) with four M4 x 16mm Screws (47).



15. Attach the Water Bottle Holder (27) to the Front Frame (23) with two M4 x 16mm Screws (47).



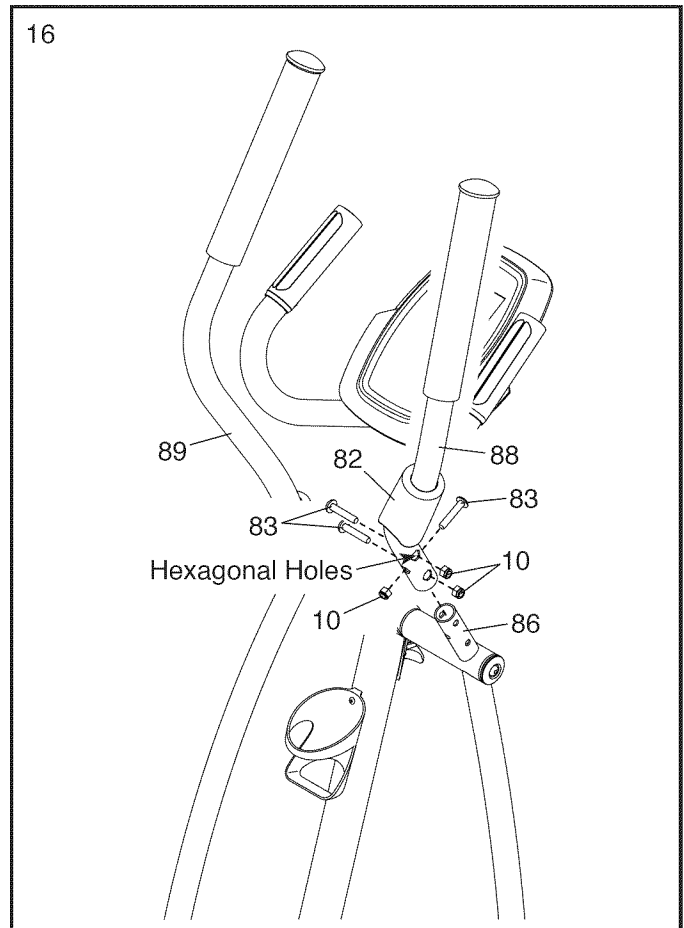
16. Identify the Right Upper Body Arm (88).

Orient an Upper Body Arm Cover (82) as shown, and slide it upward onto the Right Upper Body Arm (88).

Attach the Right Upper Body Arm (88) to the Right Upper Body Leg (86) with three M8 x 40mm Bolts (83) and three M8 Locknuts (10); **make sure that the Locknuts are inside the hexagonal holes.**

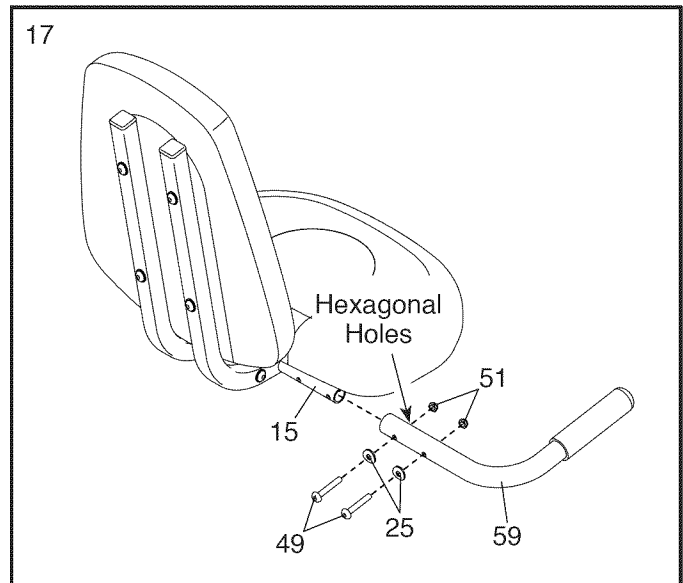
Then, slide the Upper Body Arm Cover (82) downward onto the Right Upper Body Leg (86).

**Assemble the Left Upper Body Arm (89) in the same way.**

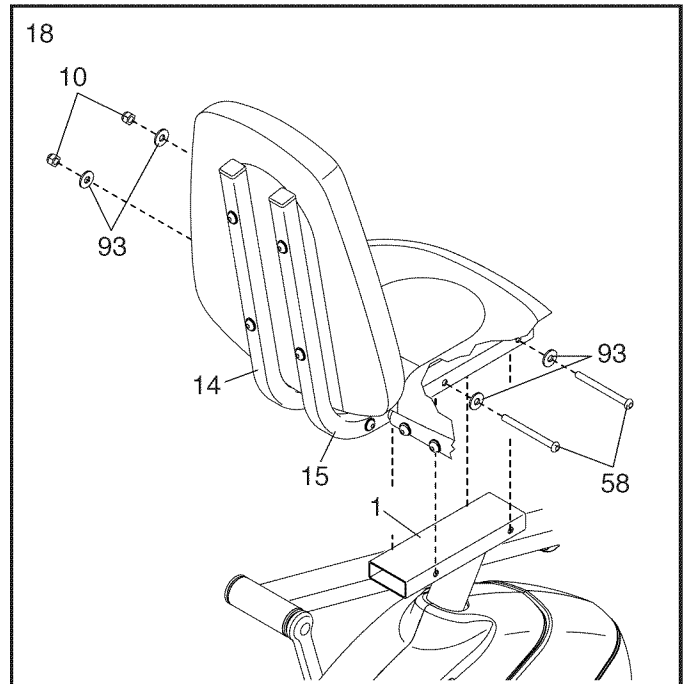


17. Attach a Seat Handle (59) to the Right Seat Bracket (15) with two M6 x 30mm Bolts (49), two M6 Curved Washers (25), and two M6 Locknuts (51); **make sure that the Locknuts are in the hexagonal holes**.

**Attach the other Seat Handle (not shown) in the same way.**



18. Attach the Left and Right Seat Brackets (14, 15) to the Rear Frame (1) with two M8 x 125mm Bolts (58), four M8 Small Washers (93), and two M8 Locknuts (10).

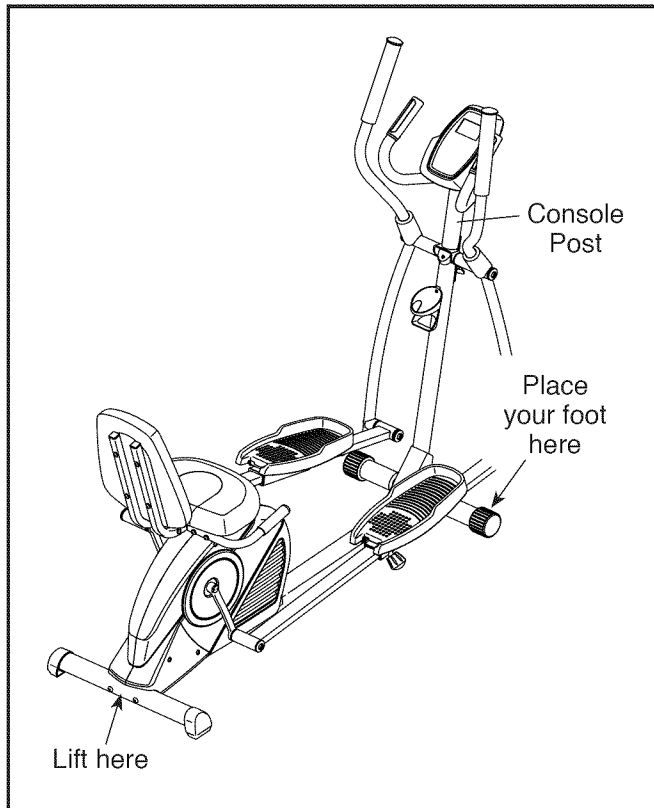


19. **Make sure that all parts of the hybrid trainer are properly tightened.** Note: Extra parts may be included. To protect the floor or carpet from damage, place a mat under the hybrid trainer.

# HOW TO USE THE HYBRID TRAINER

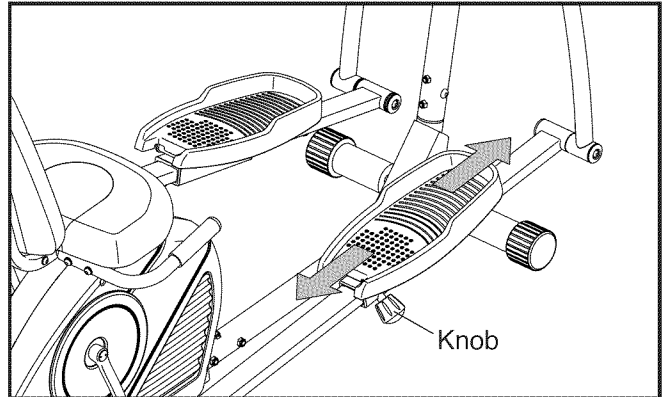
## HOW TO MOVE THE HYBRID TRAINER

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



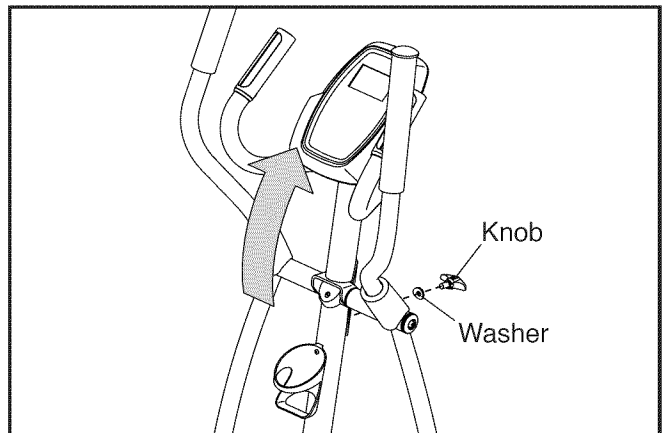
## HOW TO ADJUST THE PEDAL POSITION

Each pedal can be adjusted to several positions. To adjust each pedal, loosen the pedal knob, move the pedal forward or backward to the desired position, and then retighten the pedal knob.

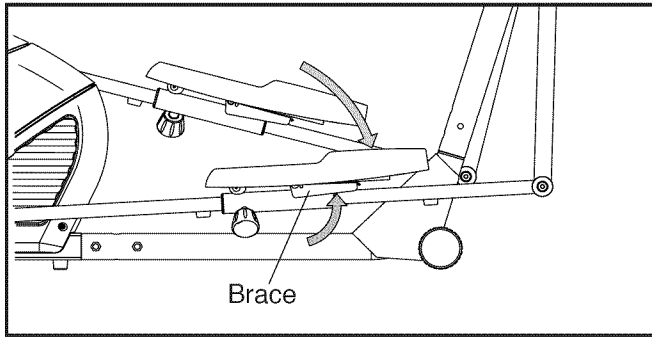


## HOW TO USE THE ELLIPTICAL MODE

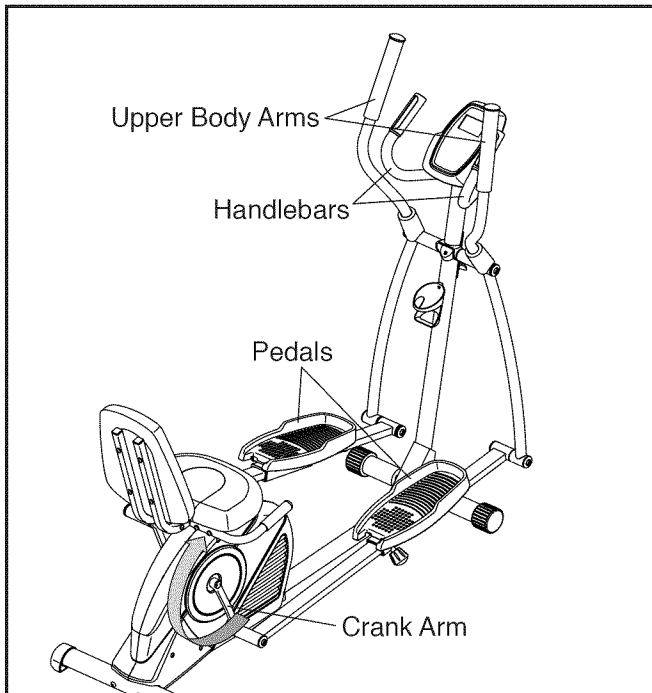
To use the hybrid trainer as an elliptical, first pivot the console post to the high position and tighten the console knob and the washer into the front frame.



Then, lift a pedal, fold the brace upward against the pedal, and pivot the pedal downward to the low position. **Repeat this action for the other pedal.**



To mount the hybrid trainer in the elliptical mode, hold the handlebars or the upper body arms and step onto the pedal that is in the lower position. Then, step onto the other pedal.

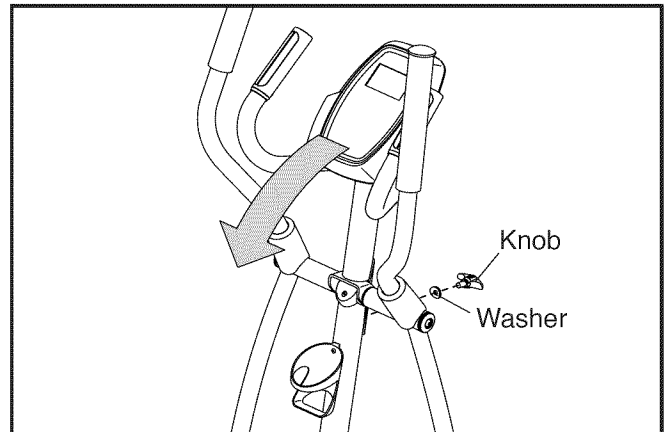


Push the pedals until they begin to move with a continuous motion. **Note: The crank arms can turn in either direction. It is recommended that you move the crank arms in the direction shown by the arrow; however, for variety, you can turn the crank arms in the opposite direction.**

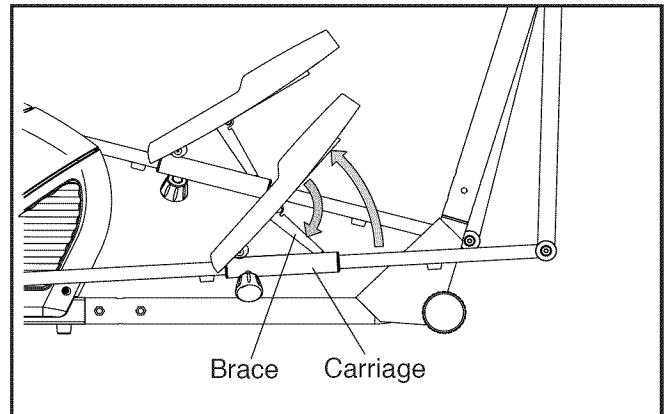
To dismount the hybrid trainer, wait until the pedals come to a complete stop. **Note: The hybrid trainer does not have a free wheel; the pedals will continue to move until the flywheel stops.** When the pedals are stationary, step off the higher pedal first. Then, step off the lower pedal.

#### HOW TO USE THE RECUMBENT BIKE MODE

To use the hybrid trainer as a recumbent bike, first remove the console knob and the washer, and pivot the console post to the low position.

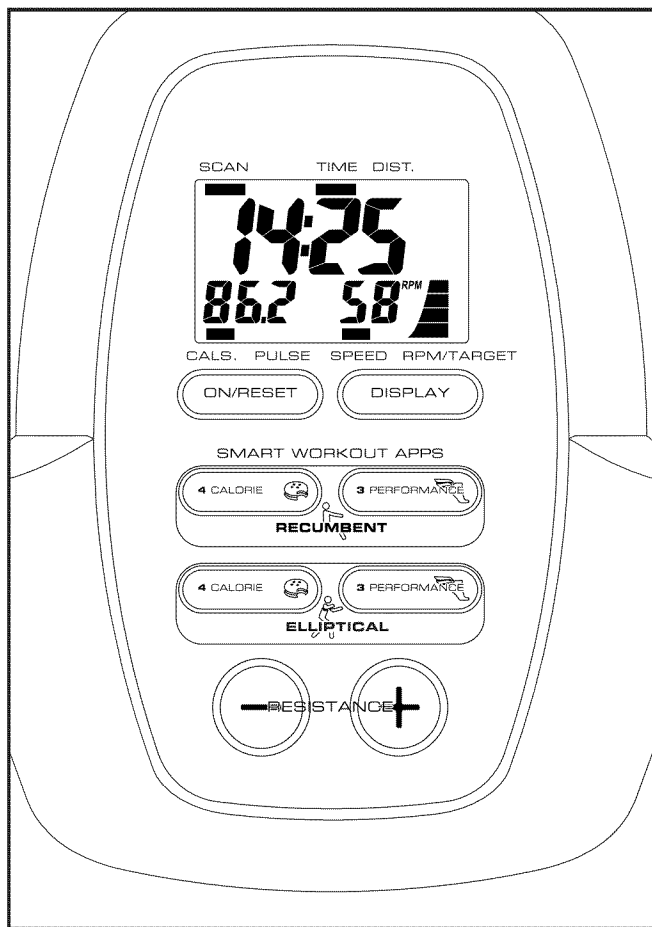


Then, lift a pedal, unfold the brace, and insert the end of the brace into the pedal carriage. **Make sure that the brace is securely inserted into the pedal carriage. Repeat this action for the other pedal.**





## 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 handgrip heart rate monitor.

The console also offers fourteen smart workouts—seven workouts for the recumbent bike mode and seven workouts for the elliptical mode. Each workout automatically changes the resistance of the pedals and prompts you to vary your pedaling pace while guiding you through an effective workout.

Before using the console, make sure that batteries are installed (see assembly step 13 on page 12). If there is a sheet of plastic on the display, remove the plastic.

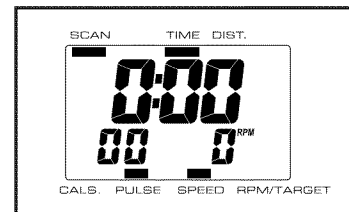
## HOW TO USE THE MANUAL MODE

### 1. Turn on the console.

To turn on the console, press the On/Reset button or begin pedaling. The entire display will turn on for a moment; the console will then be ready for use.

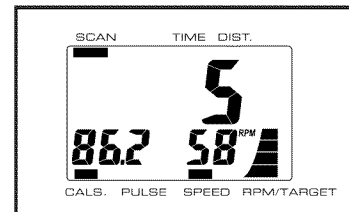
### 2. Select the manual mode.

When you turn on the console, the manual mode will be selected. If you have selected a workout, reselect the manual mode by pressing any of the Smart Workouts Apps buttons repeatedly until zeros 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.



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 several 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 workout is selected, the display shows the time remaining in the workout instead of the elapsed time.

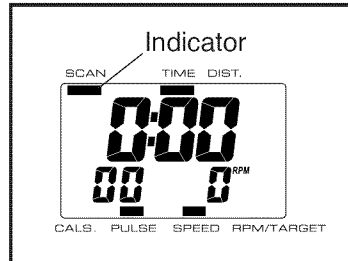
**Distance**—This display shows the distance you have pedaled, in total revolutions.

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

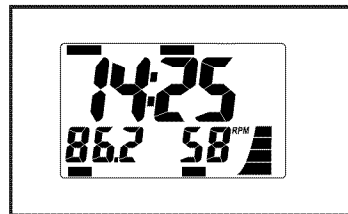
**Pulse**—This display shows your heart rate when you use the handgrip heart rate monitor.

**Scan**—When you select this display option, the upper section of the display will show both time and distance information, the lower left section of the display will show calories information, and the lower right section of the display will show your pedaling speed.

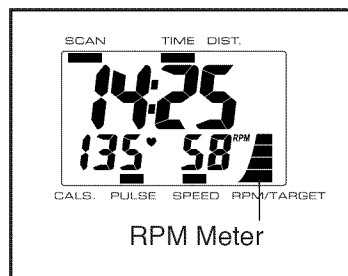
When you turn on the console, the scan display will be selected automatically. An indicator will appear below the word SCAN to show that the scan display is selected.



As you exercise, the upper section of the display will alternately show the elapsed time and the distance that you have pedaled; the lower left section of the display will show the number of calories you have burned. The lower right section of the display will show your pedaling speed.



In addition, the RPM meter on the right side of the display will provide a visual representation of your pedaling speed. As you increase or decrease your pedaling speed, bars will appear or disappear in the RPM meter.

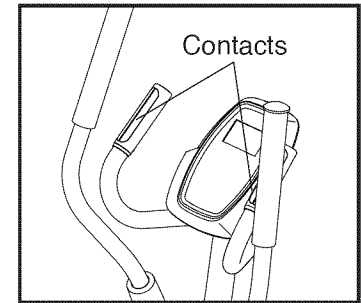


To cancel the scan mode, press the Display button. The indicator below the word SCAN will disappear. The upper section of the display will then show only the elapsed time. If you press the Display button again, the upper section of the display will show only the distance pedaled. To select the scan mode again, press the Display button repeatedly until an indicator appears 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.

**Note: If there are sheets of plastic on the metal contacts of the handgrip heart rate monitor, remove the plastic.** To measure your heart rate, hold the handgrip heart rate monitor, with your palms resting against the contacts. **Avoid moving your hands or gripping the contacts tightly.**



When your pulse is detected, the heart-shaped indicator in the display will flash each time your heart beats and two dashes will appear. After a moment, your heart rate will be shown in the display.

**For the most accurate heart rate reading, continue to hold the contacts for about 15 seconds.** Note: If you continue to hold the handgrip heart rate monitor, the display will show your heart rate for up to 30 seconds. The display will then show your heart rate along with the other modes.

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

## 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 WORKOUT

### 1. Turn on the console.

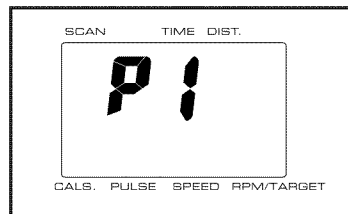
To turn on the console, press the On/Reset button or begin pedaling. The entire display will turn on for a moment; the console will then be ready for use.

### 2. Select a smart workout.

**When you select a Recumbent smart workout,** you must adjust the hybrid trainer to the recumbent bike mode for the console to provide accurate feedback (see HOW TO USE THE RECUMBENT BIKE MODE on page 16).

**When you select an Elliptical smart workout,** you must adjust the hybrid trainer to the elliptical mode for the console to provide accurate feedback (see HOW TO USE THE ELLIPTICAL MODE on page 15).

To select a smart workout, press the desired Smart Workout Apps button repeatedly. The name of the workout will appear in the display.



A few seconds after you select a smart workout, the display will show the duration of the workout.

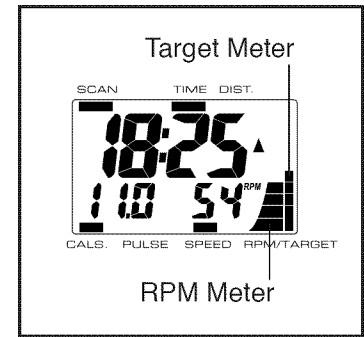
### 3. Begin pedaling to start the workout.

The smart workouts consist of several one-minute segments. One resistance level and one target speed (rpm) 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.

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. **IMPORTANT: When the current segment of the workout ends, the pedals will automatically adjust to the resistance level programmed for the next segment.**

The target speed settings for the workout will be shown by the target meter in the display. The RPM meter will show your actual pedaling speed.



As the target meter changes in height during the workout, adjust your pedaling speed so that the same number of bars appears in both meters. If your pedaling speed is slower than the current target speed, an arrow will appear next to the RPM meter to prompt you to increase your speed; if your pedaling speed is faster than the target speed, an arrow will prompt you to decrease your speed.

**IMPORTANT: The target speed settings for the workout are intended only to provide a goal. Your actual pedaling speed may be slower than the target speed settings, especially during the first few months of your exercise program. Make sure to pedal at a speed that is comfortable for you.**

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

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

See step 4 on page 17.

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

See step 5 on page 18.

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

See step 6 on page 18.

---

## FCC INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**FCC CAUTION: To assure continued compliance, use only shielded interface cables when connecting to computer or peripheral devices. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.**

# MAINTENANCE AND TROUBLESHOOTING

Inspect and tighten all parts of the hybrid trainer regularly. Replace any worn parts immediately.

To clean the hybrid trainer, 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

Most console problems are the result of low batteries. See assembly step 13 on page 12 for replacement instructions.

If the console does not display your heart rate when you use the handgrip heart rate monitor, see step 5 on page 18.

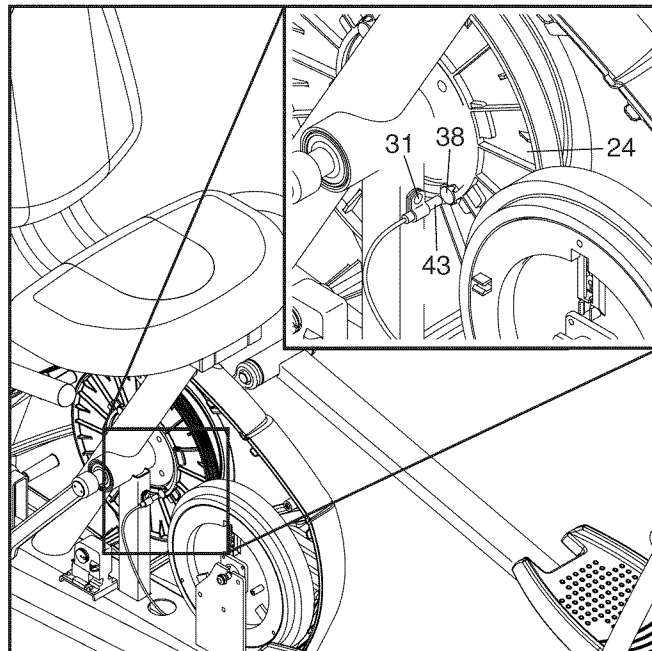
## HOW TO ADJUST THE REED SWITCH

If the console does not display correct feedback, the reed switch should be adjusted.

To adjust the reed switch, see EXPLODED DRAWING A on page 26. Remove the M4 x 16mm Screws (47) and the M4 x 25mm Screws (41) from the Left and Right Shields (17, 18). **Make sure to note which size of Screw you remove from each hole.** Then, gently move the Right Shield out of the way.

Note: For clarity, the right shield is shown removed in the drawing below.

Next, locate the Reed Switch (43). Loosen, but do not remove, the M4 x 12mm Screw (31).



Next, rotate the Pulley (24) until a Magnet (38) is aligned with the Reed Switch (43). Slide the Reed Switch slightly toward or away from the Magnet. Then, retighten the M4 x 12mm Screw (31).

Rotate the Pulley (24) for a moment. Repeat these actions until the console displays correct feedback.

When the reed switch is correctly adjusted, reattach the shields.

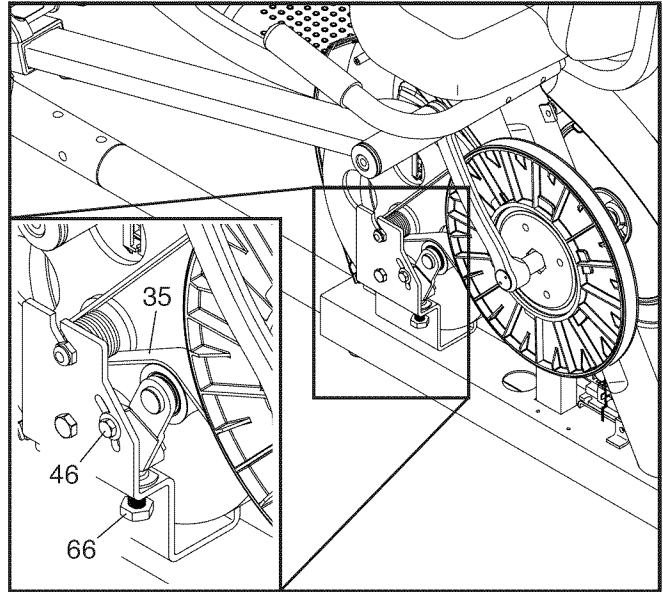
## HOW TO ADJUST THE DRIVE BELT

If you can feel the pedals slip while you are pedaling, even when the resistance is adjusted to the highest level, the drive belt may need to be adjusted.

To adjust the drive belt, see EXPLODED DRAWING A on page 26. Remove the M4 x 16mm Screws (47) and the M4 x 25mm Screws (41) from the Left and Right Shields (17, 18). **Make sure to note which size of Screw you remove from each hole.** Then, gently move the Left Shield out of the way.

Note: For clarity, the left shield is shown removed in the drawing at the right.

Loosen the M6 x 20mm Hex Screw (46). Then, tighten the M10 x 50mm Hex Screw (66) until the Drive Belt (35) is tight.



When the Drive Belt (35) is tight, tighten the M6 x 20mm Hex Screw (46). Then, reattach the shields.

# EXERCISE GUIDELINES

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

The heart rate monitor is not a medical device. Various factors may affect the accuracy of heart rate readings. The heart rate monitor 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	♥
<hr/>							
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

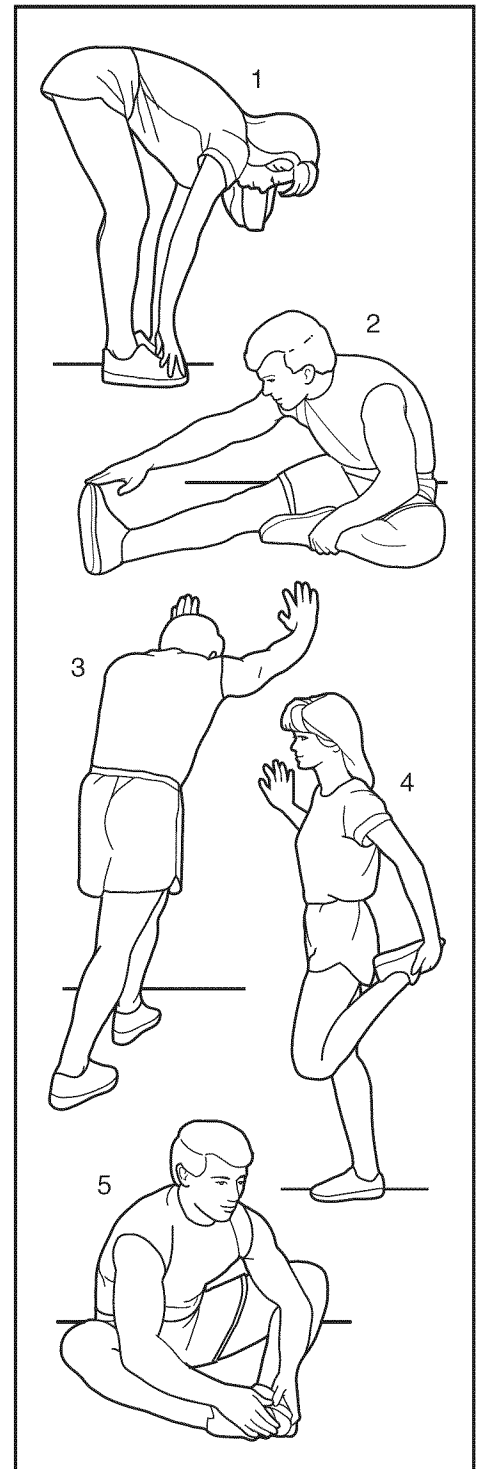
With one leg in front of the other, reach forward and place your hands against a wall. Keep your back leg straight and your back foot flat on the floor. Bend your front leg, lean forward and move your hips toward the wall. Hold for 15 counts, then relax. Repeat 3 times for each leg. To cause further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

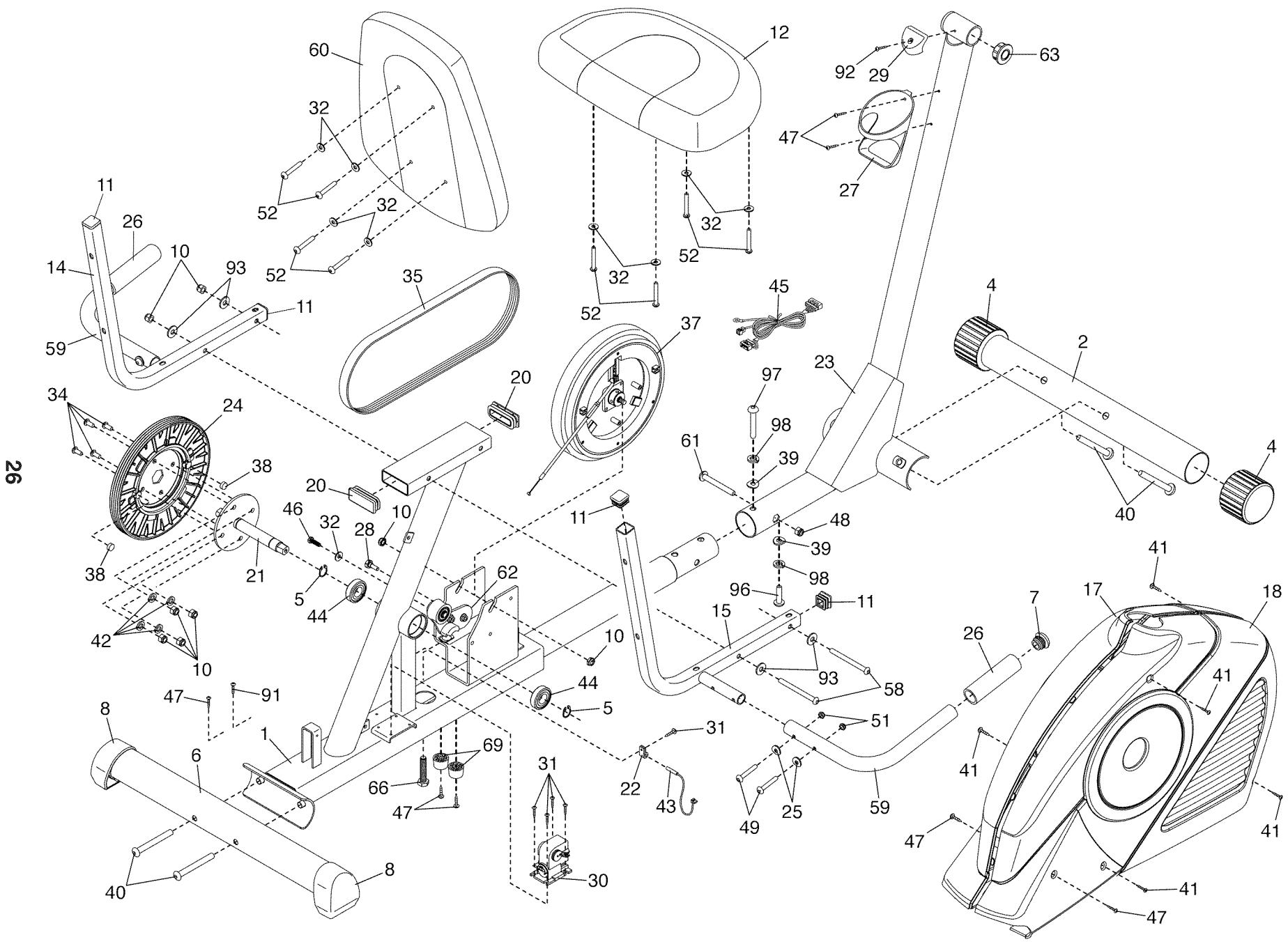
Model No. 831.23880.0 R0913A

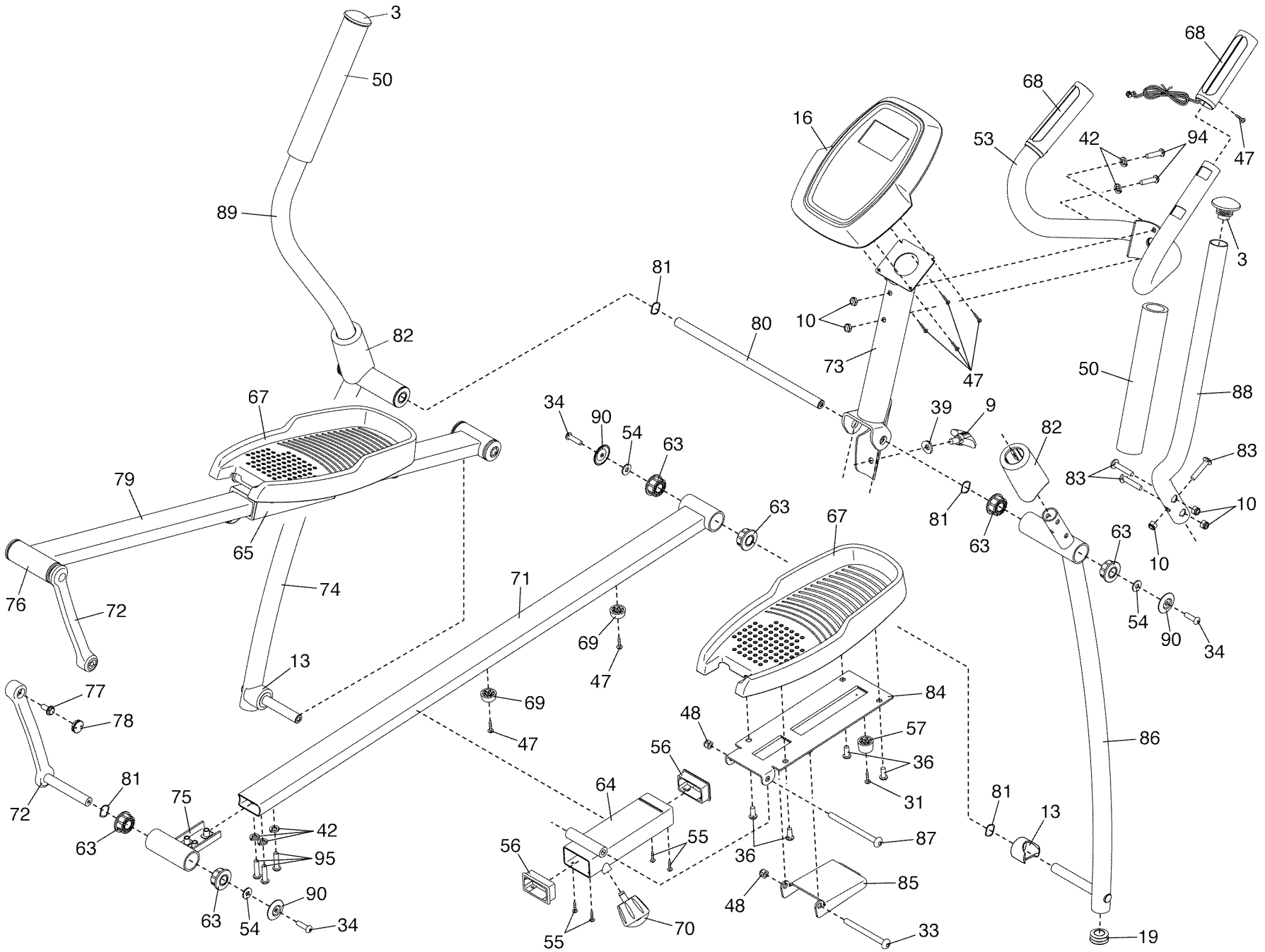
Key No.	Qty.	Description	Key No.	Qty.	Description
1	1	Rear Frame	51	4	M6 Locknut
2	1	Front Stabilizer	52	8	M6 x 38mm Bolt
3	2	Upper Body Arm Cap	53	1	Handlebar
4	2	Wheel	54	6	M8 Large Washer
5	2	Snap Ring	55	8	M4 x 5mm Screw
6	1	Rear Stabilizer	56	4	Carriage Bushing
7	2	Seat Handle Cap	57	2	Large Bumper
8	2	Rear Stabilizer Cap	58	2	M8 x 125mm Bolt
9	1	Console Knob	59	2	Seat Handle
10	16	M8 Locknut	60	1	Backrest
11	4	Seat Frame Cap	61	1	M10 x 60mm Bolt
12	1	Seat	62	1	Idler
13	2	Leg Bushing	63	14	Pivot Bushing
14	1	Left Seat Bracket	64	1	Right Pedal Carriage
15	1	Right Seat Bracket	65	1	Left Pedal Carriage
16	1	Console	66	1	M10 x 50mm Hex Screw
17	1	Left Shield	67	2	Pedal
18	1	Right Shield	68	2	Pulse Grip/Pulse Wire
19	2	Leg Cap	69	6	Small Bumper
20	2	Seat Frame Cap	70	2	Pedal Knob
21	1	Crank	71	1	Right Pedal Leg
22	1	Clamp	72	2	Crank Arm
23	1	Front Frame	73	1	Console Post
24	1	Pulley	74	1	Left Upper Body Leg
25	4	M6 Curved Washer	75	1	Right Pedal Leg Bracket
26	2	Seat Handle Grip	76	1	Left Pedal Leg Bracket
27	1	Water Bottle Holder	77	2	Crank Arm Screw
28	1	Idler Screw	78	2	Crank Arm Cap
29	1	Front Frame Bumper	79	1	Left Pedal Leg
30	1	Resistance Motor	80	1	Axle
31	7	M4 x 12mm Screw	81	6	Wave Washer
32	9	M6 Washer	82	2	Upper Body Arm Cover
33	2	M10 x 98mm Bolt	83	6	M8 x 40mm Bolt
34	10	M8 x 20mm Screw	84	2	Pedal Plate
35	1	Drive Belt	85	2	Pedal Brace
36	8	M8 x 10mm Screw	86	1	Right Upper Body Leg
37	1	Eddy Mechanism	87	2	M10 x 102mm Bolt
38	2	Magnet	88	1	Right Upper Body Arm
39	3	M10 Curved Washer	89	1	Left Upper Body Arm
40	4	M10 x 65mm Screw	90	6	Pivot Cover
41	5	M4 x 25mm Screw	91	1	Ground Screw
42	12	M8 Split Washer	92	1	M4 x 10mm Screw
43	1	Reed Switch/Wire	93	4	M8 Small Washer
44	2	Crank Bearing	94	2	M8 x 65mm Bolt
45	1	Main Wire Harness	95	6	M8 x 13mm Screw
46	1	M6 x 20mm Hex Screw	96	1	M10 x 25mm Screw
47	17	M4 x 16mm Screw	97	1	M10 x 54mm Screw
48	5	M10 Locknut	98	2	M10 Split Washer
49	4	M6 x 30mm Bolt	*	-	User's Manual
50	2	Upper Body Arm Grip			

Note: Specifications are subject to change without notice. For information about ordering replacement parts, see the back cover of this manual. **If a part is missing, call 1-888-533-1333.** \*These parts are not illustrated.

# EXPLODED DRAWING A

Model No. 831.23880.0 R0913A





**EXPLODED DRAWING B**

## Get it fixed, at your home or ours!

### Your Home

For repair—in **your home**—of **all** major brand appliances, lawn and garden equipment, or heating and cooling systems, **no matter who made it, no matter who sold it!**

For the replacement parts, accessories, and user's manuals that you need to do-it-yourself.

For Sears professional installation of home appliances and items like garage door openers and water heaters.

**1-800-4-MY-HOME® (1-800-469-4663)**

Call anytime, day or night (U.S.A. and Canada)

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

[www.sears.ca](http://www.sears.ca)

### Our Home

For repair of carry-in items like vacuums, lawn equipment, and electronics, call or go on-line for the location of your nearest **Sears Parts & Repair Center.**

**1-800-488-1222** Call anytime, day or night (U.S.A. only)

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

To purchase a protection agreement (U.S.A.) or maintenance agreement (Canada) on a product serviced by Sears:

**1-800-827-6655** (U.S.A.)

**1-800-361-6665** (Canada)

Para pedir servicio de reparación a domicilio, y para ordenar piezas:

**1-888-SU-HOGAR® (1-888-784-6427)**



® Registered Trademark / ™ Trademark / ™ Service Mark of Sears Brands, LLC  
® Marca Registrada / ™ Marca de Fábrica / ™ Marca de Servicio de Sears Brands, LLC

## 90 DAY FULL WARRANTY

If this Sears Hybrid Trainer fails due to a defect in material or workmanship within 90 days of the date of purchase, call 1-800-4-MY-HOME® (1-800-469-4663) to arrange for free repair (or replacement if repair proves impossible). The frame is warranted for 5 years from the date of purchase.

This warranty does not apply when the Hybrid Trainer is used commercially or for rental purposes.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

**Sears, Roebuck and Co., Hoffman Estates, IL 60179**