

Lifestyler[®]

DT 450

USER'S MANUAL

Model No. 831.288710

EXERCISE
EQUIPMENT

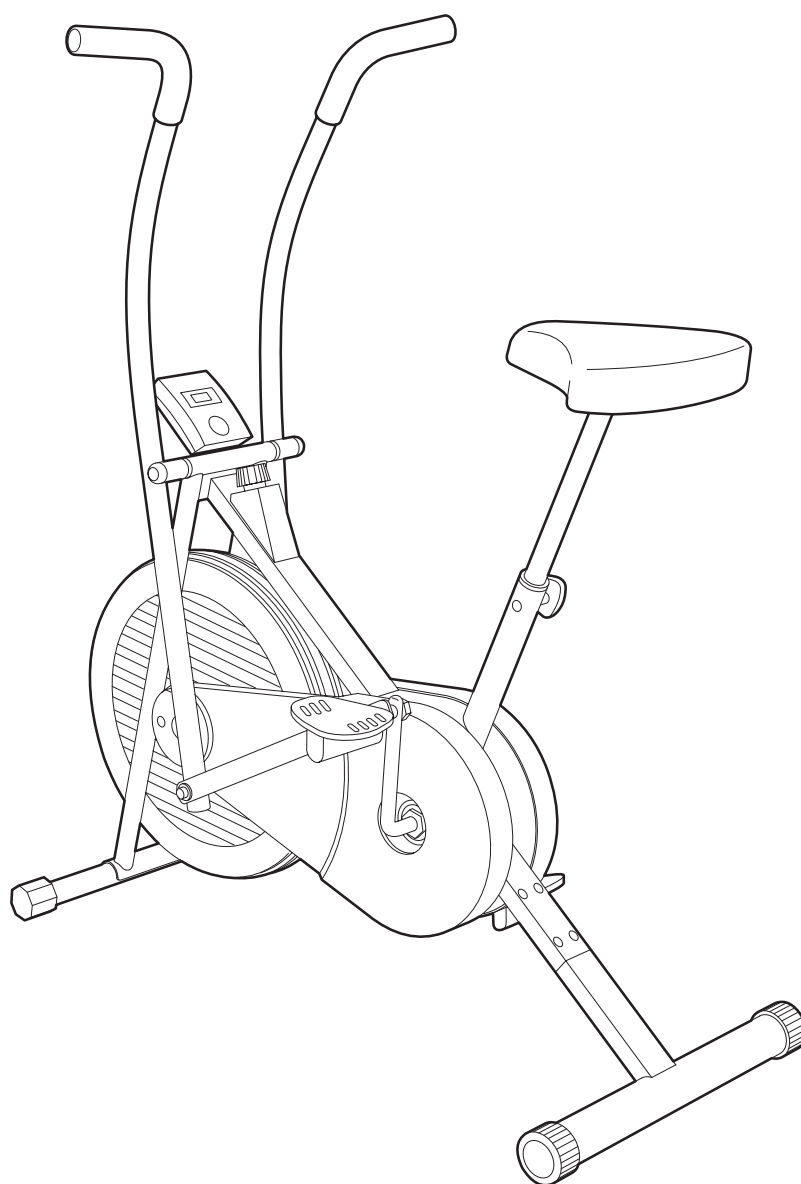
QUESTIONS

HELPLINE!

1-800-736-6879

⚠ CAUTION

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



SEARS, ROEBUCK AND CO., HOFFMAN ESTATES, IL 60179

TABLE OF CONTENTS

IMPORTANT PRECAUTIONS	2
BEFORE YOU BEGIN	3
ASSEMBLY	4
HOW TO USE THE EXERCISE CYCLE	6
MAINTENANCE AND TROUBLE-SHOOTING	8
CONDITIONING GUIDELINES	9
PART LIST	10
EXPLODED DRAWING	11
HOW TO ORDER REPLACEMENT PARTS	Back Cover
FULL 90 DAY WARRANTY	Back Cover

IMPORTANT PRECAUTIONS

 **WARNING:** To reduce the risk of serious injury, read the following important precautions before using the exercise cycle.

1. Read all instructions in this manual before using the exercise cycle. Use the exercise cycle only as described in this manual.
2. It is the responsibility of the owner to ensure that all users of the exercise cycle are adequately informed of all precautions.
3. The exercise cycle is intended for in-home use only. Do not use the exercise cycle in a commercial, rental, or institutional setting.
4. Place the exercise cycle on a level surface. Use the exercise cycle indoors, away from moisture and dust. Cover the floor beneath the exercise cycle to protect the floor or carpet from damage.
5. Inspect and tighten all parts regularly. Replace any worn parts immediately.
6. Keep children under the age of 12 and pets away from the exercise cycle at all times.
7. The exercise cycle should not be used by persons weighing more than 250 pounds.
8. Wear appropriate clothing when exercising; do not wear loose clothing that could become caught on the exercise cycle. Always wear athletic shoes for foot protection.
9. When adjusting the seat, insert the seat pin into one of the holes in the seat post (see the drawing on page 5). Do not insert the seat knob under the seat post.
10. Always keep your back straight when using the exercise cycle; do not arch your back.
11. If you feel pain or dizziness while exercising, stop immediately and begin cooling down.
12. The exercise cycle does not have a free wheel; the pedals and the handlebars will continue to move until the flywheel stops.

 **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. Read all instructions before using. SEARS assumes no responsibility for personal injury or property damage sustained by or through the use of this product.

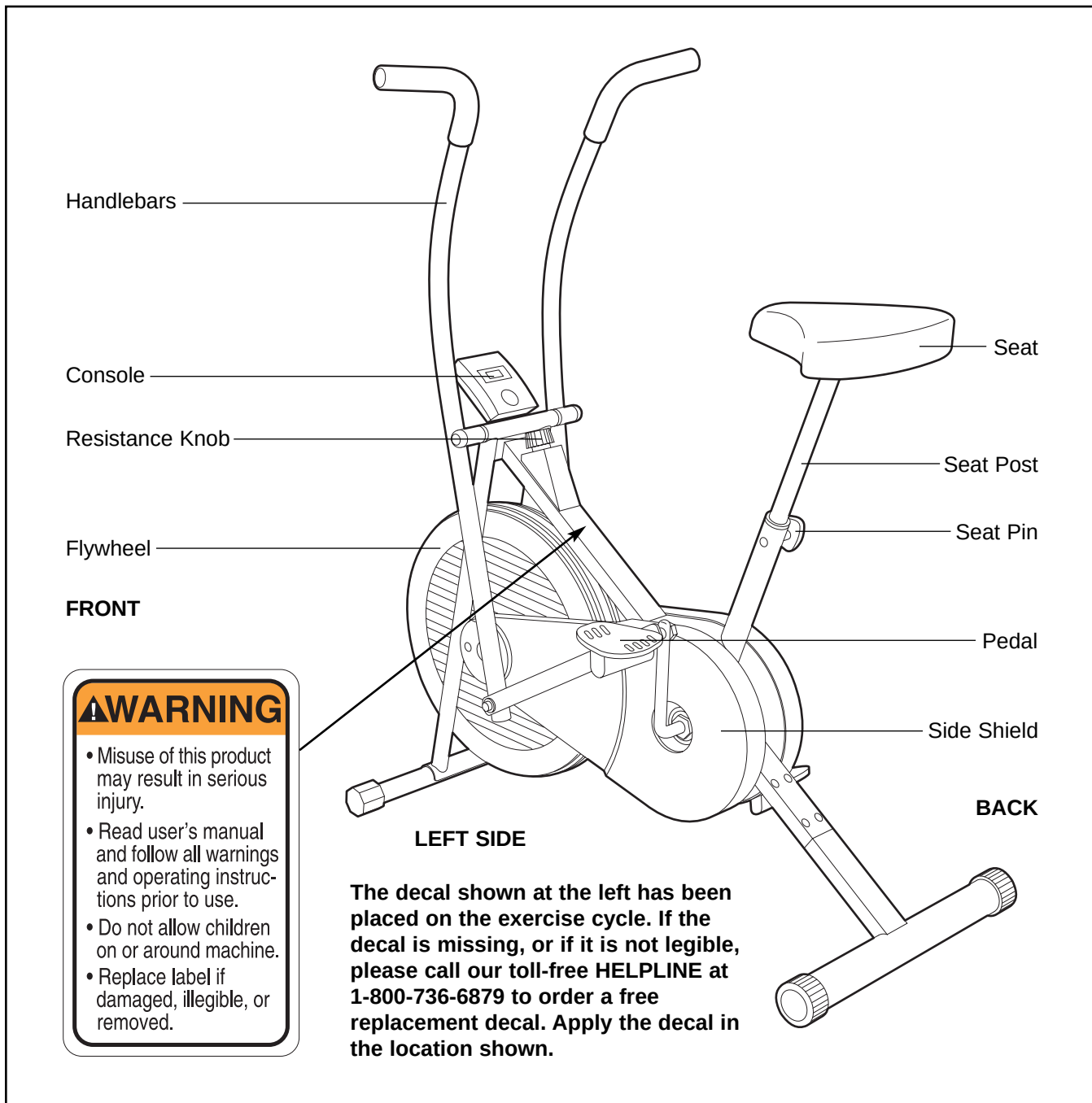
BEFORE YOU BEGIN

Thank you for selecting the new LIFESTYLER® DT 450 exercise cycle. The DT 450 blends advanced engineering with contemporary styling to provide you with effective, low-impact workouts in the convenience and privacy of your home.

For your benefit, read this manual carefully before you use the exercise cycle. If you have questions after reading the manual, please call our toll-free

HELPLINE at 1-800-736-6879, Monday through Saturday, 7 a.m. until 7 p.m. Central Time (excluding holidays). To help us assist you, please mention the product model number when calling. The model number is 831.288710.

Before reading further, please look at the drawing below and familiarize yourself with the labeled parts.

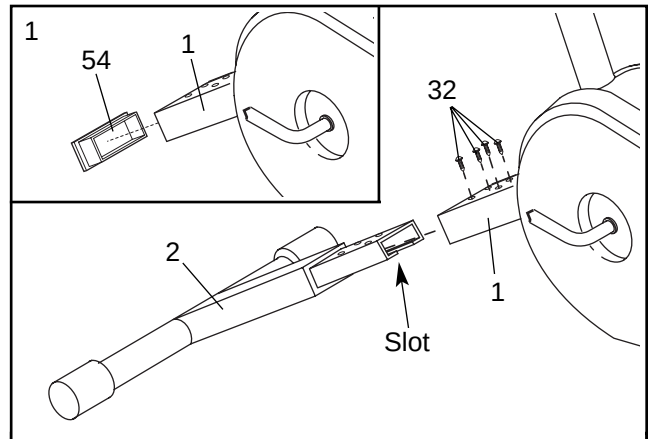


ASSEMBLY

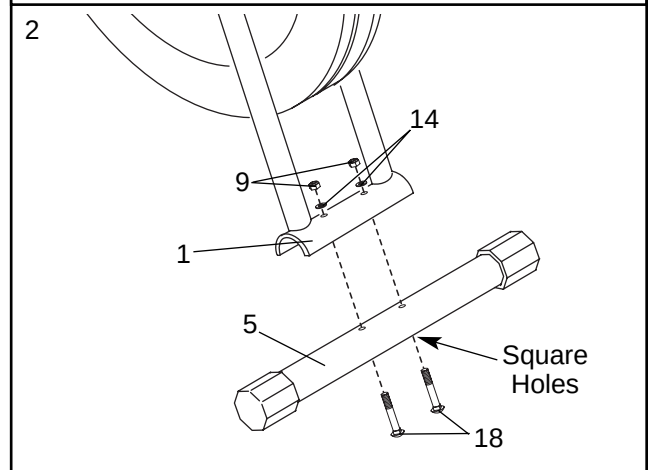
Place all parts of the exercise cycle in a cleared area and remove the packing materials. Do not dispose of the packing materials until assembly is completed. **Assembly requires a phillips screwdriver**  **and an adjustable wrench**  **(not included). A small amount of liquid soap is also required.**

1. Refer to the inset drawing. Remove the Shipping Insert (54) from the Frame (1) and discard it.

Turn the Rear Stabilizer (2) so that the slot is down, and insert the Rear Stabilizer into the Frame (1). Attach the Rear Stabilizer with four M5 x 10mm Machine Screws (32).



2. Align the Front Stabilizer (5) with the saddle bracket on the front of the Frame (1). **Make sure that the Front Stabilizer is turned so the square holes are facing away from the saddle bracket.** Attach the Front Stabilizer with two M8 x 40mm Carriage Bolts (18), two M8 Curved Washers (14), and two M8 Nylon Locknuts (9).

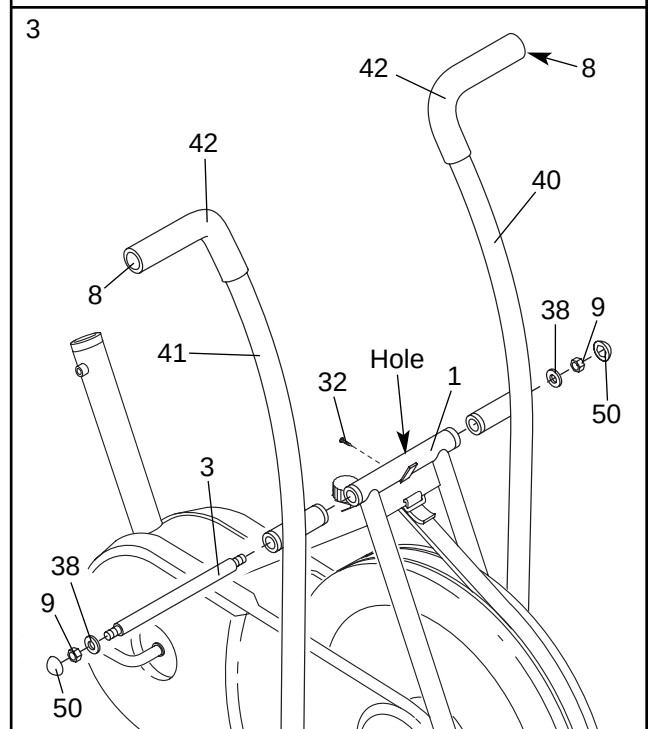


3. Remove all parts from the Pivot Axle (3). Insert the Pivot Axle into the Frame (1). Align the hole in the center of the Pivot Axle with the hole in the center of the Frame. Tighten an M5 x 10mm Machine Screw (32) into the Frame and the Pivot Axle.

Slide the Left and Right Handlebars (40, 41) onto the ends of the Pivot Axle (3). Slide an M8 Flat Washer (38) onto each end of the Pivot Axle, and then thread an M8 Nylon Locknut (9) onto each end of the Pivot Axle. Tighten each Nylon Locknut until at least two threads on the end of the Pivot Axle extend past the Nylon Locknut. Make sure that the Handlebars move freely.

Press a Pivot Endcap (50) onto each end of the Pivot Axle (3).

Apply a small amount of liquid soap to the upper end of each Handlebar (40, 41). Slide a Foam Grip (42) onto each Handlebar. Make sure that there is a Handlebar Endcap (8) in each Handlebar.



4. The Console (7) requires two "AA" batteries (not included); alkaline replacement batteries are recommended. Refer to the inset drawing. Remove the battery door from the back of the Console and insert two batteries into the Console. **Make sure that the negative ends of the batteries (marked "-") are touching the springs in the Console.** Re-attach the battery door.

Next, plug the Reed Switch Wire (28) fully into the socket on the back of the Console (7).

Slide the Console onto the console plate. Note: The Console is held by friction; it does not snap into place.

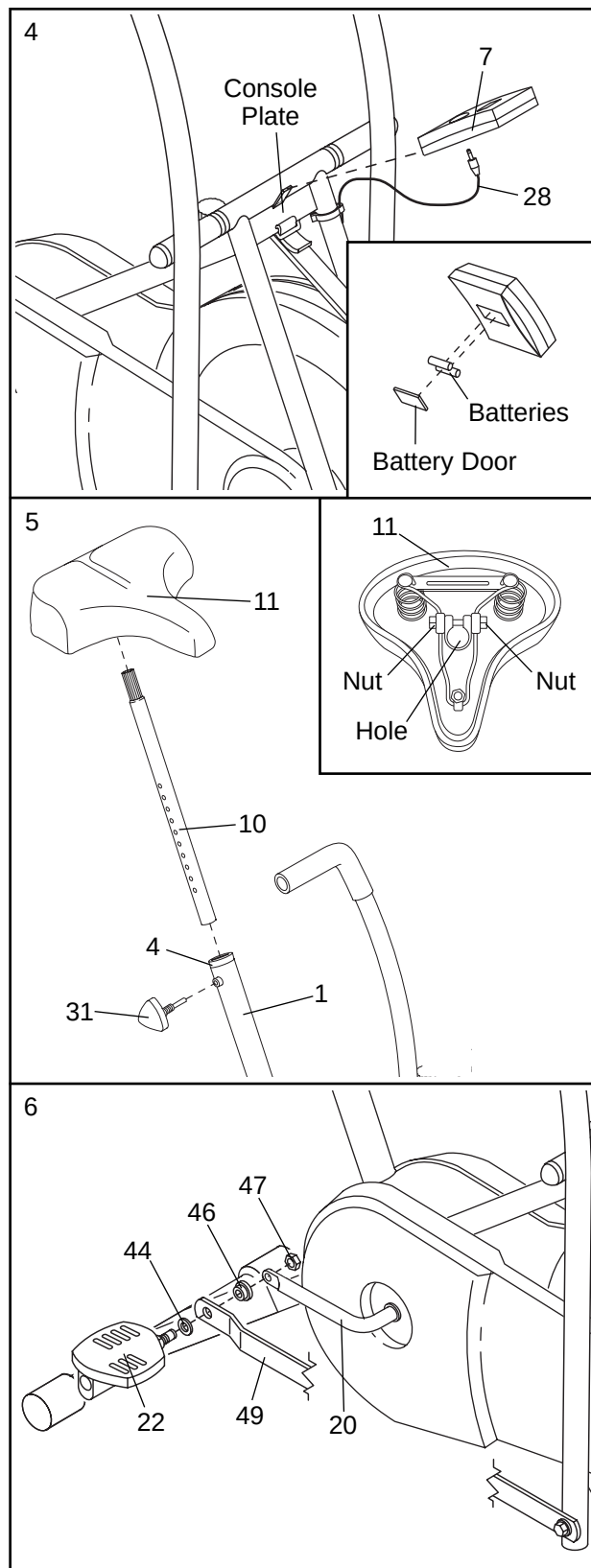
5. Press the Frame Bushing (4) into the Frame (1). (Note: The Frame Bushing may be pre-assembled.) Next, insert the Seat Post (10) into the Frame.

Align one of the holes in the Seat Post (10) with the hole in the Frame (1). Insert the Seat Pin (31) into the Frame and the Seat Post. **Make sure that the Seat Pin is inserted into one of the holes in the Seat Post; do not insert the Seat Pin under the Seat Post.** Tighten the Seat Pin into the Frame.

Slide the Seat (11) onto the Seat Post (10) so that the Seat Post is inserted as far as possible into the hole shown in the inset drawing. Straighten the Seat and tighten the two indicated nuts.

6. Identify the Right Pedal (22), which is marked with an "R." Remove only the Right Pedal Nut (47) and the Pedal Bushing (46) from the Pedal. Next, insert the shaft of the Pedal into the right Pedal Arm (49). Slide the Pedal Bushing back onto the Pedal, and position the Pedal Bushing so that it slides into the Pedal Arm. Tighten the shaft of the Pedal *clockwise* into the right arm of the Crank (20) as firmly as possible. Tighten the Pedal Nut *clockwise* onto the Pedal. **Make sure that the Pedal and the Pedal Nut are tightened as firmly as possible.**

Repeat this step to attach the Left Pedal (not shown), turning the Pedal and the Left Pedal Nut (not shown) *counterclockwise*.

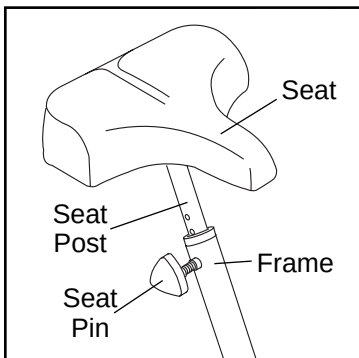


7. **Make sure that all parts are properly tightened before you use the exercise cycle. Note: There may be some hardware left over after assembly is completed.** Cover the floor beneath the exercise cycle to protect the floor or carpet from damage.

HOW TO USE THE EXERCISE CYCLE

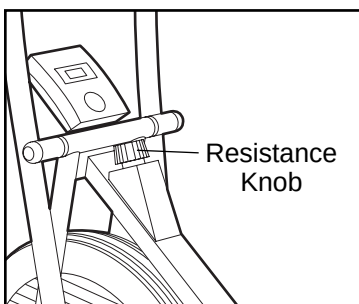
HOW TO ADJUST THE SEAT

For effective exercise, the seat must be at the proper height. As you pedal, there should be a slight bend in your knees when the pedals are in the lowest position. To adjust the seat, first hold the seat and turn the seat pin counterclockwise to remove it. Next, align a different hole in the seat post with the hole in the frame, and insert the seat pin into the frame and the seat post. **Make sure to insert the seat pin into the seat post; do not insert the seat pin under the seat post.** Tighten the seat pin into the frame.



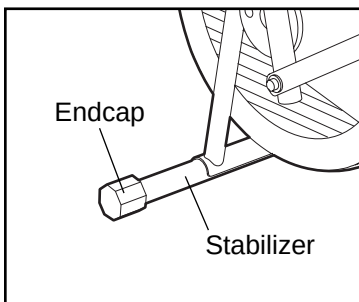
HOW TO ADJUST THE PEDALING RESISTANCE

To vary the intensity of your exercise, the pedaling resistance can be adjusted. To increase the resistance, turn the resistance knob clockwise; to decrease the resistance, turn the knob counterclockwise.



LEVELING THE EXERCISE CYCLE

The exercise cycle features adjustable end-caps on the front stabilizer. If the exercise cycle rocks when it is used, turn one or both of the end-caps until the rocking motion is eliminated.

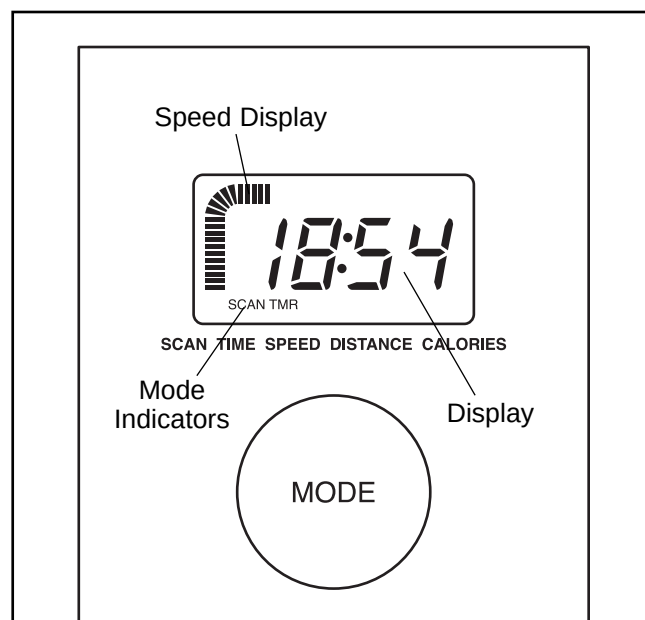


BATTERY INSTALLATION

Before the console can be operated, two “AA” batteries must be installed. If you have not installed batteries, see assembly step 4 on page 5.

DESCRIPTION OF THE CONSOLE

The console features five modes that provide instant exercise feedback during your workouts. The modes are described below.



- Scan mode—Displays the speed, time, distance, and calories modes, for five seconds each, in a repeating cycle.
- Time mode—Displays the elapsed time. Note: If you stop pedaling for five seconds or longer, the time mode will pause and a stop symbol will appear in the upper right-hand corner of the display.
- Speed mode—Displays your pedaling speed, in miles per hour.
- Distance mode—Displays the total distance you have pedaled, in miles.
- Calories mode—Displays the approximate number of calories you have burned.

The console also features a speed display. As you increase your pedaling speed, additional indicators will appear in the bar.

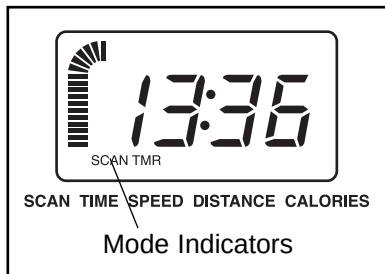
HOW TO OPERATE THE CONSOLE

Note: If there is a piece of clear plastic on the face of the console, remove it before operating the console.

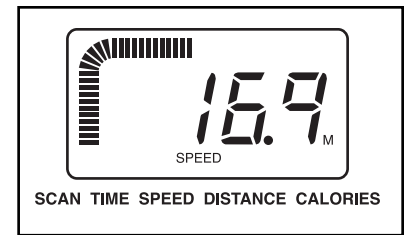
1. To turn on the power, press the mode button or simply begin pedaling. When the power is turned on, the entire display will appear for two seconds. The console will then be ready for operation.
2. Select one of the five modes:

Scan mode—

When the power is turned on, the scan mode will automatically be selected. One mode indicator will show that the scan mode is selected, and a second mode indicator will show which mode is currently displayed. Note: If a different mode is selected, you can select the scan mode again by repeatedly pressing the mode button.



Time, speed, distance, or calories mode—To select one of these modes for continuous display, press the mode button repeatedly. The mode indicators will show which mode is selected. Make sure that the scan mode is not selected.



3. To reset the display, hold down the mode button for two seconds. After the display is reset, the scan mode will be selected.
4. To turn off the power, simply wait for about four minutes. **Note: The console has an “auto-off” feature. If the pedals are not moved and the mode button is not pressed for four minutes, the power will turn off automatically in order to conserve the batteries.**

MAINTENANCE AND TROUBLE-SHOOTING

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

The exercise cycle can be cleaned with a soft, damp cloth. Avoid spilling liquid on the console. Keep the console out of direct sunlight or the display may be damaged. Remove the batteries when storing the exercise cycle.

BATTERY REPLACEMENT

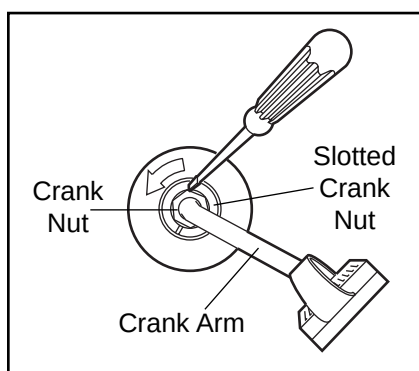
If the console does not function properly, the batteries should be replaced. See assembly step 4 on page 5. In addition, make sure that the reed switch wire is plugged fully into the console.

HOW TO TIGHTEN THE CRANK

If the arms of the crank become loose, they should be tightened in order to prevent excessive wear. Loosen the crank nut on the left arm of the crank.

Place the end of a standard screwdriver in one of the slots in the slotted crank nut. Lightly tap the screwdriver with a hammer to turn the slotted crank nut counterclockwise until the arms are no longer loose.

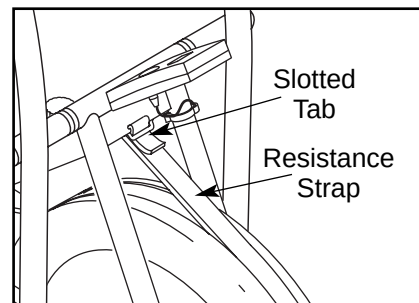
Do not overtighten the slotted crank nut. When the slotted crank nut is properly tightened, retighten the crank nut.



HOW TO ADJUST THE RESISTANCE STRAP

If there is not enough pedaling resistance when the resistance knob is turned to the highest setting, the resistance strap may need to be

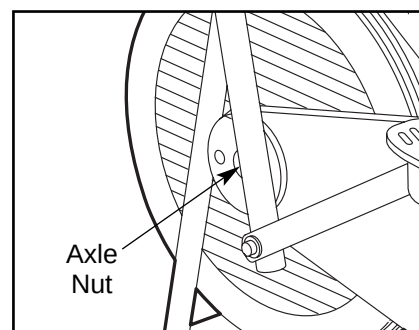
adjusted. To adjust the resistance strap, first turn the resistance knob counterclockwise to the lowest setting. Next, locate the slotted tab on the front of the exercise cycle. Grip the longest part the resistance strap underneath the slotted tab and pull it towards the slot. When a little slack is created, pull the end of the resistance strap tight. Turn the crank for a moment to make sure that there is not too much resistance.



HOW TO ADJUST THE CHAIN

The exercise cycle features a chain that must be kept properly adjusted. If the chain causes excessive noise or slips as you pedal, the chain should be adjusted.

To tighten the chain, loosen, but do not remove, the axle nuts on both sides of the flywheel. Pull the flywheel forward slightly. Make sure that the flywheel is straight and retighten the axle nuts.



CONDITIONING GUIDELINES

The following guidelines will help you to plan your exercise program. Remember that proper nutrition and adequate rest are essential for successful results.

⚠️ 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.

EXERCISE INTENSITY

Whether your goal is to burn fat or to strengthen your cardiovascular system, the key to achieving the desired results is to exercise with the proper intensity. The proper intensity level can be found by using your heart rate as a guide. The chart below shows recommended heart rates for fat burning, maximum fat burning, and cardiovascular (aerobic) exercise.

HEART RATE TRAINING ZONES							
BPM							
♥	165						Aerobic
■	145	155					Max Fat Burn
■	125	138	145				Fat Burn
		120	130	140			
			115	125	130		
				110	118	125	
					105	110	115
						95	103
♥							90
Age	20	30	40	50	60	70	80

To find the proper heart rate for you, first find your age at the bottom of the chart (ages are rounded off to the nearest ten years). Next, find the three numbers above your age. The three numbers are your “training zone.” The lowest two numbers are recommended heart rates for fat burning; the highest number is the recommended heart rate for aerobic exercise.

Burning Fat

To burn fat effectively, you must exercise at a relatively low intensity level for a sustained period of time. During the first few minutes of exercise, your body uses easily accessible *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 as you exercise.

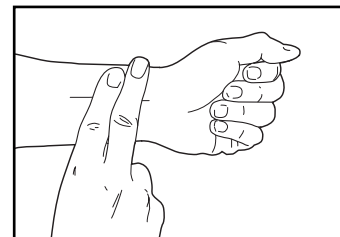
For maximum fat burning, adjust the intensity of your exercise until your heart rate is near the middle number in your training zone as you exercise.

Aerobic Exercise

If your goal is to strengthen your cardiovascular system, your exercise must be “aerobic.” Aerobic exercise is activity that requires large amounts of oxygen for prolonged periods of time. This increases the demand on the heart to pump blood to the muscles, and on the lungs to oxygenate the blood. 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, first 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. (A six-second count is used because your heart rate will drop rapidly when you stop exercising.)

WORKOUT GUIDELINES

Each workout should include the following three important parts:

A warm-up, consisting of 5 to 10 minutes of stretching and light exercise. A proper warm-up increases your body temperature, heart rate, and circulation in preparation for exercise.

Training zone exercise, consisting of 20 to 30 minutes of exercising 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.)

A cool-down, with 5 to 10 minutes of stretching. This will increase the flexibility of your muscles and will help to prevent post-exercise problems.

EXERCISE FREQUENCY

To maintain or improve your condition, plan 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. **CAUTION: Be sure to progress at your own pace and avoid overdoing it. Incorrect or excessive training may result in injury to your health.**

Remember, the key to success is make exercise a regular and enjoyable part of your everyday life.

PART LIST—Model No. 831.288710

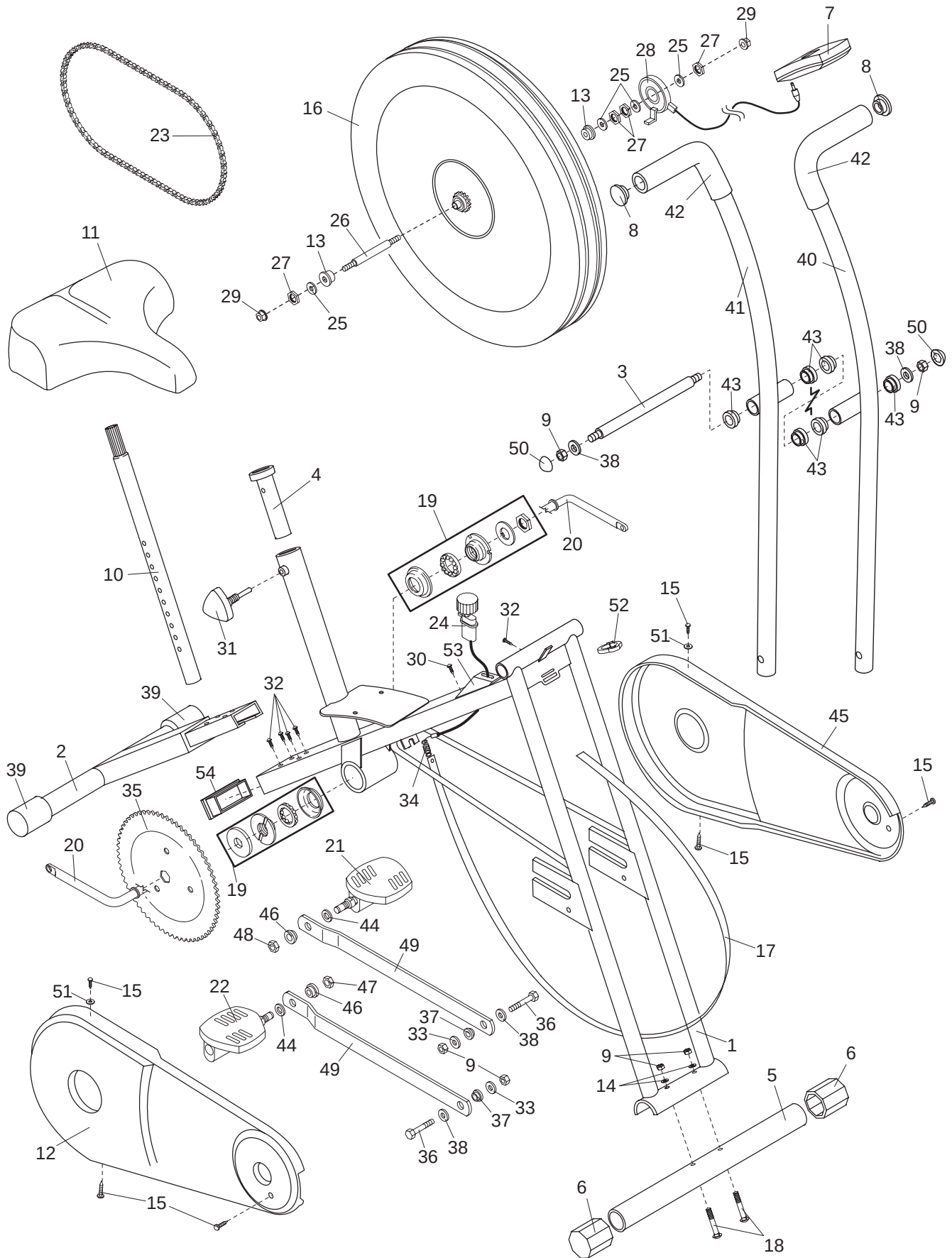
R1101A

Key No.	Qty.	Description	Key No.	Qty.	Description
1	1	Frame	30	1	M5 x 15mm Screw
2	1	Rear Stabilizer	31	1	Seat Pin
3	1	Pivot Axle	32	5	M5 x 10mm Machine Screw
4	1	Frame Bushing	33	2	M8 Custom Flat Washer
5	1	Front Stabilizer	34	1	Resistance Spring
6	2	Front Stabilizer Endcap	35	1	Sprocket
7	1	Console	36	2	M8 x 43mm Bolt
8	2	Handlebar Endcap	37	2	Pedal Arm Bushing
9	6	M8 Nylon Locknut	38	4	M8 Flat Washer
10	1	Seat Post	39	2	Round Endcap
11	1	Seat	40	1	Left Handlebar
12	1	Right Side Shield	41	1	Right Handlebar
13	2	Bronze Bushing	42	2	Foam Grip
14	2	M8 Curved Washer	43	6	Pivot Bushings
15	6	M5 x 10mm Self-tapping Screw	44	2	1/2" Flat Washer
16	1	Flywheel	45	1	Left Side Shield
17	1	Resistance Strap	46	2	Pedal Bushing
18	2	M8 x 40mm Carriage Bolt	47	1	Right Pedal Nut
19	1	Crank Bearing Assembly	48	1	Left Pedal Nut
20	1	Crank	49	2	Pedal Arm
21	1	Left Pedal	50	2	Pivot Endcap
22	1	Right Pedal	51	2	M5 Flat Washer
23	1	Chain	52	1	Wire Clip
24	1	Resistance Cable/Knob	53	1	Resistance Control Housing
25	4	7/16" Flat Washer	54	1	Shipping Insert
26	1	Flywheel Axle	#	1	User's Manual
27	4	3/8" Axle Nut	#	1	13mm/15mm Multi-purpose Tool
28	1	Reed Switch/Wire	#	1	13mm/19mm Multi-purpose Tool
29	2	3/8" Axle Nut			

Note: “#” refers to a non-illustrated part. Specifications are subject to change without notice. See the back cover of this manual for information about ordering replacement parts.

EXPLODED DRAWING—Model No. 831.288710

R1101A





Model No. 831.288710

QUESTIONS?

If you find that:

- you need help assembling or operating the LIFESTYLER® DT 450
- a part is missing
- or you need to schedule repair service

call our toll-free HELPLINE

1-800-736-6879

Monday–Saturday, 7 am–7 pm
Central Time (excluding holidays)

REPLACEMENT PARTS

If parts become worn and need to be replaced, call the following toll-free number

**1-800-FON-PART
(1-800-366-7278)**

All replacement parts are available for immediate purchase or special order when you visit your nearest SEARS Service Center. To request service or to order parts by telephone, call the toll-free numbers listed at the left.

When requesting help or service, or ordering parts, please be prepared to provide the following information:

- The MODEL NUMBER of the product (831.288710)
- The NAME of the product (LIFESTYLER® DT 450 exercise cycle)
- The KEY NUMBER and DESCRIPTION of the PART (see the PART LIST and the EXPLODED DRAWING on pages 10 and 11).

FULL 90 DAY WARRANTY

For 90 days from the date of purchase, if failure occurs due to defect in material or workmanship in this SEARS BIKE EXERCISER, contact the nearest SEARS Service Center throughout the United States and SEARS will repair or replace the BIKE EXERCISER, free of charge.

This warranty does not apply when the BIKE EXERCISER 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., DEPT. 817WA, HOFFMAN ESTATES, IL 60179