

OWNER'S MANUAL Model: 16208960790

Please carefully read this entire manual before operating your new bike.

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CONGRATULATIONS ON YOUR NEW BIKE AND WELCOME TO THE SOLE FAMILY!

Thank you for your purchase of this quality Sole bike from Dyaco Canada Inc. Your new bike has been manufactured by one of the leading fitness manufacturers in the world and is backed by one of the most comprehensive warranties available. Dyaco Canada Inc. will do all we can to make your ownership experience as pleasant as possible for many years to come.

If you have any questions about your new Sole product or questions about the warranty contact Dyaco Canada Inc. at 1-888-707-1880.

Please take a moment at this time to record below the name of the dealer, their telephone number, and the date of purchase for easy contact in the future. We appreciate your confidence in SOLE and we will always remember that you are the reason that we are in business. Please complete and mail your registration card today and enjoy your new bike.

Yours in Health,	
Dyaco Canada Inc.	
Name of Dealer	
Telephone Number of Dealer _	
Purchase Date	

PRODUCT REGISTRATION

RECORD YOUR SERIAL NUMBER

Please record the Serial Number of this fitness product in the space provided below.

Serial Number



Register your purchase

The self-addressed product registration card must be completed in full and returned to Dyaco Canada Inc. You can also go to www.solefitness.ca to register online.

IMPORTANT SAFETY INSTRUCTIONS

WARNING - Read all instructions before using this equipment.

- Do not operate fitness bike on deeply padded, plush or shag carpet. Damage to both carpet and fitness bike may result.
- Keep children under the age of 13 away from this machine. There are obvious pinch points and other caution areas that can cause harm.
- Keep hands away from all moving parts.
- Never operate the fitness bike if it has a damaged cord or plug. If the fitness bike is not working properly, call your dealer.
- Keep the cord away from heated surfaces.
- Never drop or insert any object into any openings.
- Do not use outdoors.
- To disconnect, turn all controls to the off position, remove tether cord, then remove the plug from the outlet.
- Do not attempt to use your fitness bike for any purpose other than for the purpose it is intended.
- The hand pulse sensors are not medical devices. Various factors, including the user's
 movement, may affect the accuracy of heart rate readings. The pulse sensors are intended
 only as exercise aids in determining heart rate trends in general.
- Wear proper shoes. High heels, dress shoes, sandals or bare feet are not suitable for use on your fitness bike. Quality athletic shoes are recommended to avoid leg fatique or injury.
- This equipment is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the equipment by a person responsible for their safety.

SAVETHESE INSTRUCTIONS-THINK SAFETYL

IMPORTANT OPERATION INSTRUCTIONS

- NEVER expose this fitness bike to rain or moisture. This product is NOT designed for use outdoors, near a pool or spa, or in any other high humidity environment. The operating temperature specification is 40 to 120 degrees Fahrenheit, and humidity is 95% non-condensing (no water drops forming on surfaces).
- NEVER operate this fitness bike without reading and completely understanding the results of any operational change you request from the computer.
- Understand that changes in resistance do not occur immediately. Set your desired resistance
 on the computer console and release the adjustment key. The computer will obey the
 command gradually.
- Use caution while participating in other activities while pedaling on your fitness bike; such as watching television, reading, etc. These distractions may result in serious injury.
- Do not use excessive pressure on console control keys. They are precision set to function
 properly with little finger pressure. If you feel the buttons are not functioning properly with
 normal pressure contact your SOLE dealer.

TRANSPORT INSTRUCTIONS

The fitness bike is equipped with two transport wheels which are engaged when the rear of the fitness hike is lifted.

LCB ASSEMBLY PACK CHECKLIST

1

HARDWARE STEP 1







#50. 3/8"x53L Carriage Bolt (2 pcs) #135. 3/8" ×16 × 12.5T Cap Nut (2 pcs) **#71.** 3/8" x 25mm x 2T Flat Washer (2 pcs)

2

HARDWARE STEP 2







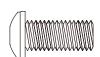
#51. 5/16"x 5/8" Hex Head Bolt (7pcs)

#72. 5/16" x 18mm x 1.5T Flat Washer (6 pcs)

#99. 5/16"x 19 x 1.5T Curved Washer (1 pc)

3

HARDWARE STEP 3







#74. 5/16"x 5/8" Button Head Socket Bolt (4 pcs) **#72**. 5/16" x 18mm x 1.5T Flat Washer(4pcs)

#103. 5/16" x 1.5T Split Washer (4 pcs)

4

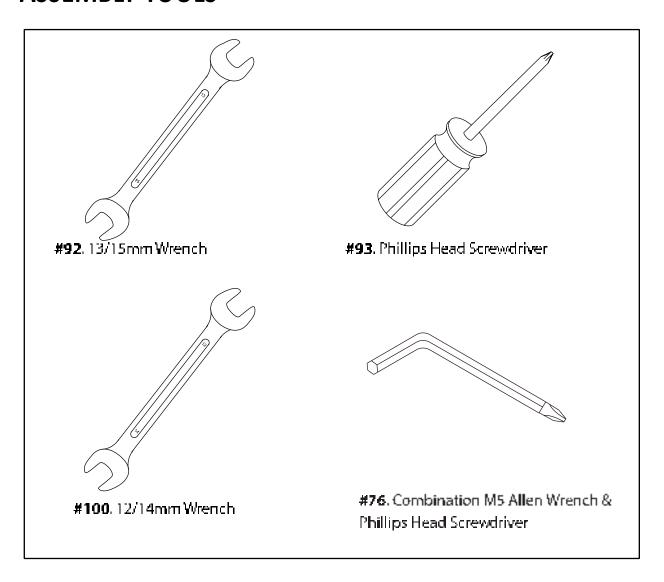
HARDWARE STEP 4





#58. M5 x 12mm Phillips Head Screw (6 pcs) **#161**, 3.5 × 12L Sheet Metal Screw (4 pcs)

ASSEMBLY TOOLS

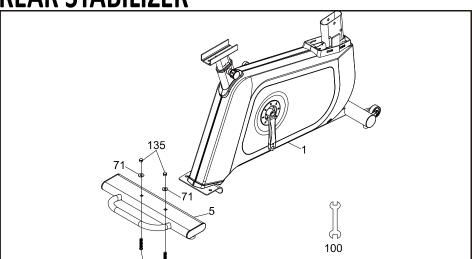


LCB ASSEMBLY INSTRUCTIONS PRE-ASSEMBLY

- 1. Using a razor knife (Box Cutter) cut the outside, bottom, edge of box along the dotted Line. Lift Box over the unit and unpack.
- Carefully remove all parts from carton and inspect for any damage or missing parts. If damaged parts are found, or parts are missing, contact your dealer immediately.
- Locate the hardware package. Remove the tools first. Remove the hardware for each step as needed to avoid confusion. The numbers in the instructions that are in parenthesis (#; are the item number from the assembly drawing for reference.

1

REAR STABILIZER



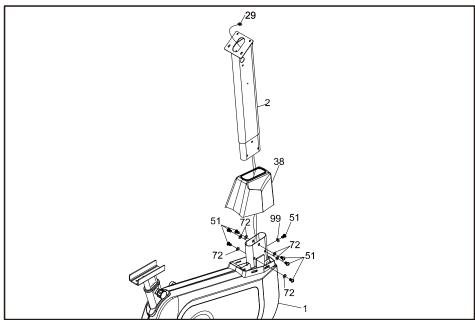
 Attach the Rear Stabilizer (5) to the Main Frame (1) by sliding two Cap Nuts (135) two Flat Washers (71) onto two Hex Head Bolts (50), then into the rear stabilizer. Tighten using the 12/14 mm Wrench (100).

HARDWARE STEP 1

#50.3/8" x 53.__ Carriage Bolt (2 pcs) #135.3/8" x 16 x 12.5T_ Cap Nut (2 pcs) #71.3/8" x 25 mm x 2T_ Flat Washer (2 pcs)

2

CONSOLE MAST



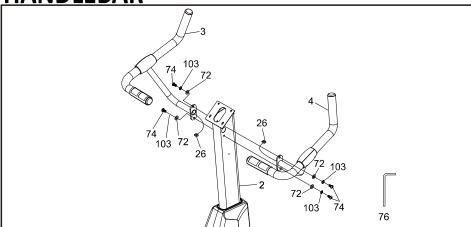
HARDWARE STEP 2

#51.5/16"x 5/8" Hex Head Bolt (/ pcs: #72.5/16"x 18 x 1.5" Flat Washer (6 pcs: #99.5/16"x 19 x 1.5" Curved Washer (1 pcs)

- Feed the Computer Cable (29) through the Console Mast Cover (38) and the Console Mast (2).
- Secure the Console Mast (2) onto the Main Frame (1) with the seven of Hex Head Bolts (51), six of Flat Washers (72) and one of Curved Washer (99) by using the Wrench (100).

3

HANDLEBAR



HARDWARE STEP 3

#74.5/16" x18 x5/8"_Button Head Socket Bolt /1 ocs: #72.5/16" x 18 x 1.5" Flat Washer /1 ocs: #103.5/16" x 1.5T Split Washer (1 ocs:

- Secure the Handlebars (3 & 4) onto the Console Mast (2) with the four
 of Button Head Socket Bolts (74), four of Flat Washers (72) and two of
 Split Washers (103) by using the Combination M5 Allen Wrench (76).
- Feed the two of Hand pulse W/Cable Assembly (26) through the front
 of hole on the Console Mast (2) and outside.



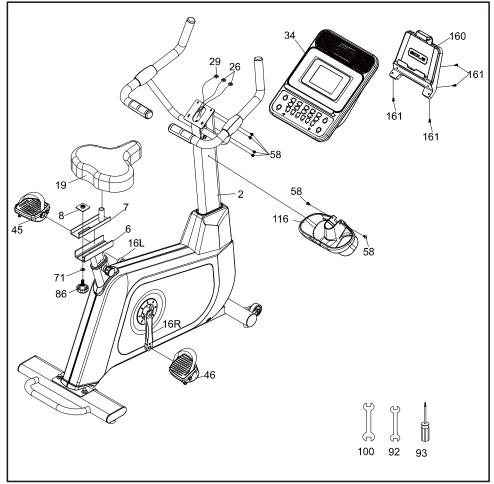
PLASTIC PARTS

See page 8 for illustration.

- Insert the Computer Cable (29) and the two of Hand pulse W/Cable.
 Assembly (26) onto the Console Assembly (34).
- Secure the Console Assembly (34) onto the Console Mast (2) with the four of Phillips Head Screws (58) by using the Phillips Head Screwdriver (93).
- 3. Install the Pedals (L)(R) (45)(46) onto the Crank Arms (16L) (16R) by using the 13/15mm Wrench (92). Remember that the left pedal has a reverse thread and will be screwed into the crank counterclockwise and the right pedal clockwise. Make sure to tighten the pedals to the crank arms to avoid noises.
- Turn the Seat Knob (86) and put the Sliding Seat (viount (7) on the Seat Slider (6).
- 5. Insert the Seat Knob (**86**) through the Flat Washer (**71**), the Seat Slider (**6**), the Sliding Seat Mount (**7**), go on to adjust the position and tighten the Seat Knob (**86**) with the Fix Plate (**8**).
- Install the Seat (19) on the Sliding Seat (Vount (7) by using the 12/14mm Wrench (100). Apply the screw of the Seat Knob (86) and tighten.
- Install the Tablet Holder (160) to the back of the console with four Sheet Metal Screws (161) by using Phillips Head Screwdriver (93).
- Secure the Beverage Holder (116) onto the Console Mast (2) with the two of Phillips Head Screws (58) by using the Phillips Head Screwdriver (93).

HARDWARE STEP 4

#58. Mb x 12mm Phillips Head 50 ew (5 pcs) #161. 3.5 × 12L_Sheet Metal Screw (1 pcs) ASSEMBLY STEP4



FITNESS BIKE FEATURES

FOOT PEDALS

Through research performed with a leading sports scientist and physical rehabilitation expert, Sole engineering has developed a breakthrough in pedal design. Typical stationary exercise bikes are wider than a normal road bike. The reason is to allow for the braking mechanism, pulleys, drive components and plastic covers. Since the bike is wider, so is the distance between the pedals; this width between the pedals is called the Q factor.

Sole has designed our pedal system so the Q factor is the smallest in the industry, but we did not stop there. We have also custom designed and tooled a new pedal that provides a two degree inward tilt to compensate for the Q factor not being perfect. Having a small Q factor in addition to the two-degree inward tilt of the pedals puts the user into a biomechanical neutral alignment. This means that your feet, ankles, knees and hips are lined up properly ensuring a comfortable workout.

SEAT ADJUSTMENT

You are able to adjust the seat position while seated. Pull up on the lever located in front of the seat and slide the carriage forward or backwards. The correct position is when there is a slight bend in your knee when the pedal is at its farthest position forward (3 o'clock position when looking from the right side of the bike). Release the lever and you are ready to begin.

PEDAL STRAP ADJUSTMENT

Adjust each pedal strap so that they are snug around your feet. You have the option of adjusting the hole location on one or both sides of the pedal.

Charge Portable Devices with USB port

USB Port Charging function:

Charge your personal device during your workout using the fitness equipment's on-console USB port.

To charge your mobile electronics make sure the fitness equipment power is on.

Step 1: Connect your USB charging cable (not included) to the USB Power Port and to your device.

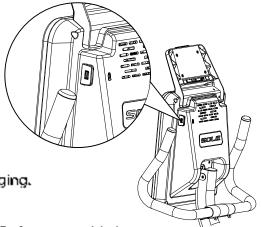
Step 2: Check to make sure your device icon indicates it is charging.

NOTE:

* USB charging cable is not included, make sure compatible USB charging cable is being used.

** Your device "charging" icon may or may not indicate it is charging. Depending on the amount of current your particular device requires for charging the icon may not be on but your device is still charging, but possibly at a lower charge rate.

***The USB port on the console is capable of powering USB devices. It provides up to 5Vdc/0.5 amp of power and meets USB 2.0 regulations. You will not be able to save your workout data to a USB via this port; it is used for charging purposes only.



OPERATION OF YOUR FITNESS BIKE

GETTING FAMILIAR WITH THE CONTROL PANEL

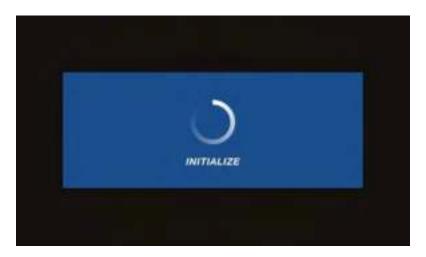


POWER UP

When power is connected to the bike the console will automatically power up. These models are connected directly to 120 VAC and there is a power port located where the line cord plugs into the unit on the left side near the front.

When it is first powered on, the boot screen will display Odometer readings for a short time, Total time will show how many hours the bike has been in use and the Total distance will show how many miles for Kilometers if the bike is set to metric readings) the bike has gone. The bike will then enter idle mode, which is the starting point for operation.







Main workout home page

CONSOLE OPERATION

START KEY

This is the quickest way to start a workout. After the console powers up, just press the **Start** key to begin. This will initiate the Start key mode. In Start key, the time will count up from zero. The resistance level and incline can be adjusted manually by pressing the **Level △/▼** buttons. The dot matrix display will be showing a track with a blinking dot indicating your progress as it travels around the track.

BASIC INFORMATION

When you press the Display button, the data shown on the screen will change. If you don't press the Display button a 2nd time, the screen will return to the workout screen after 3 seconds.









MANUAL

PROGRAM/CUSTOM





FIT-TEST

HRC1/HRC2

The bike has a built in heart rate monitoring system. Simply grasping the **Contact Heart Rate Sensors** on the stationary handle bars or wearing the chest strap transmitter will start the heart (see Heart Rate Programs) kon blinking (this may take a few seconds). The **Pulse Window** will display your heart rate in beats per minute and the HR bar graph will show your current % in relation to projected heart rate maximum. The chest strap is a more accurate and reliable method of heart rate reading. The hand pulse sensors are subject to false readings depending on user physiology and workout habits including how one grips the sensors or how sweaty their hands are.

The **Stop** button actually has several functions.

Pressing the **Stop** key once during a program will **Pause** the program for 5 minutes. If you need to get a drink, answer the phone or any of the many things that could interrupt your workout, this is a great feature. To resume your workout during **Pause** just press the **Start** key. If the **Stop** button is pressed twice during a workout the program will end and a **Workout Summary** is displayed.

If the **Stop** key is held down for 3 seconds the console will perform a complete **Reset**. During data entry for a program the **Stop** key performs a **Previous Screen** function. This allows you to go back one step in the programming each time you press the **Stop** key.

There is an **Audio In Jack** (**[7]**) on the front of the console and built-in speakers. You may plug any low-level audio source signal into this port. Audio sources include MP3, iPod, portable radio, CD player or even a TV or computer audio signal. There is also a **Headphone Jack** (**()**) for private listening.

PROGRAMMING THE CONSOLE

Each of the programs can be customized with your personal information and changed to suityour needs. Some of the information asked for is necessary to ensure the readouts are correct. You will be asked for your **Age**, **Weight and Time**. Entering your **Age** is necessary during the Heart Rate control program to ensure the correct settings are entered in the program; entering your **Weight** aides in calculating a more correct **Calorie** reading. Although we cannot provide an exact calorie count we do want to be as close as possible.



Setting Age, Weight and Time page

A message about Calories: Calorie readings on every piece of exercise equipment, whether it is in a gym or at home, are not accurate and tend to vary widely. They are meant only as a guide to monitor your progress from workout to workout. The only way to measure your calorie burn accurately as in a clinical setting connected to a host of machines. This is because every person is different and burns calories at a different rate.

ENTERING A PROGRAM AND CHANGING SETTINGS

Press each program button to scroll through the program selections. The profile for each program will be displayed in the window. Press the **Enter** key to select a program and begin customizing the settings. If you want to workout without entering new settings, then just press the **Start** key. This will bypass the programming of data and take you directly to the start of your workout. If you want to change the personal settings, then just follow the instructions in the **Window**. If you start a program without changing the settings, the default settings will be used.

Nate: Age and **Weight** default settings will change when you enter a new romber. So the last **Age** and **Weight** entered will be saved as the new default settings. If you enter **Age** and **Weight** the first time you use the bike you will not have to enter it every time you work out unless either **Age** or **Weight** has changed or someone else enters a different **Age** and **Weight**.

New Sole App to be used in conjunction with select Apple & Android devices!

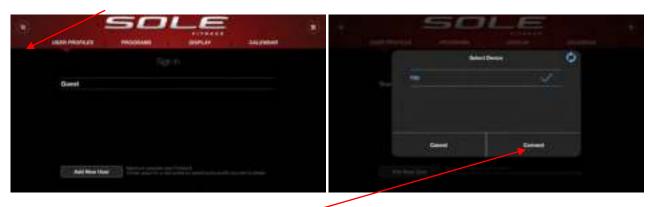
In order to help you achieve your exercise goals, Sole has added an exciting new feature to all of our products. Your new exercise machine comes equipped with a Bluetooth transceiver that will allow it to interact with selected phones or tablet computers via the Sole Fitness App.

Just download the free Sole Fitness App from the Apple Store or Google Play, and then follow the instructions in the App to sync with your exercise machine. This allows you to view current workout data in three different Display screens on your device. Easily switch back and forth from the workout display view to internet/social media/email sites via icons on the display screen. When your workout is finished, the data is automatically saved to the built-in personal calendar for future reference.

Our new Sole Fitness App also allows you to sync your workout data with one of many fitness cloud sites we support: iHealth, MapMyFitness, Record or Fitbit.

Syncing the App with your exercise machine:

After downloading the App, make sure Bluetooth" is enabled on your device, then click the icon in the top left corner to search for Sole equipment.



After the equipment is detected, click Connect. When the App and equipment are synced, the Bluetooth® icon on the equipment's console will light up. You may now start using your new Sole product!

If the bike is not connected to the app, the console will display "SYNC" when the workout is over, and you can connect using your phone or tablet to store the bike's workout data in the App. (The console can only store the last workout data, when the unit returns to IDLE MODE, the workout data will be erased)

*Note: Your device will need to be running on a minimum operating system of iOs 7 or Android 4.4 for the Sole Fitness App to operate properly.

Console + Sole APP - Bluetooth chest strap instructions :

1. When the bike is connected to the APP, press the BLE HR icon.



2. Select the heart rate tracking device you use and press Connect.



3. During workout, the BLE HR icon will lit up and your heart rate information will be shown on the display.



PS. Using the APP with the Bluetooth chest strap does not apply to the HRC mode.

The exercise equipment's Bluetooth device (BLE 4.0). in addition to the App can be connected, but also configured to connect Bluetooth wireless heart rate chest strap transmitter (BLE 4.0) receive function, because the sharing of Bluetooth device, you need to use the heart rate key on the key board to do the function switch, the operating procedures are described as follows:

- 1. In the idle mode, the heart rate Bluetooth LED on the keypad is not lit, and the Bluetooth function is only used in connection with the App.
- 2. Under the idle mode, press the heart rate key on the key board, the Bluetooth LED light is on, this time the Bluetooth function is only used in connection with Bluetooth wireless heart rate chest strap, please wear the Bluetooth wireless heart rate chest strap, with the console connection, the console shows Bluetooth wireless heart rate value.
- 3. When the workout is over, the Bluetooth of the console will automatically be switched to the connected App for use.

The exercise equipment is configured with Bluetooth wireless music receive function, using a mobile phone or tablet to open the Bluetooth device, search for the name 'Bt-speaker' Bluetooth, click on the connection can transmit the phone or tablet music to the exercise equipment.

PROGRAMMABLE FEATURES

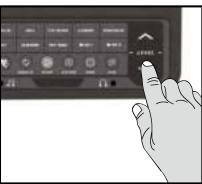
MANUAL PROGRAM

The **Manual** program works as the name implies, manually. This means that you control the workload yourself and not the computer.

- 1. Press the **Manual** program button.
- In the settings menu, Age will be displayed 1st. You may adjust the age setting using the Level ▲/▼ keys, then press the Enter key.
- You are now asked to enter your Weight. You may adjust your weight setting using the Level ▲ /▼ keys, then press Enter to continue.
- Next is the Time. You may adjust the length of Time by pressing the Level ▲/▼ keys, then press Enter to continue.







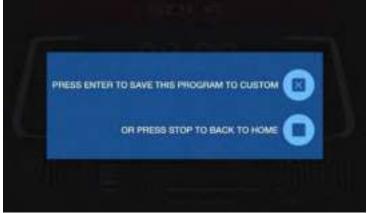
- Now you are finished editing the settings and can begin your workout by pressing the **Start** key. You can also go back and modify your settings by pressing the **Stop** key to go back one level of the programming screen.
- 6. Once the program starts the bike will be set to level one. This is the easiest level and it is a good idea to stay at level one for a while to warm up. If you want to increase the work load at any time press the Level ▲ key; the Level ▼ key will decrease the workload.
- 7. When you workout in Manual program mode, pressing the DISPLAY key will change the display information.
- During your workout, pressing the STOP key will pause the program. The bottom left of screen states "PRESS START TO RESUME"; lower right of screen states "OR PRESS STOP TO END". The 2nd time the STOP key is pressed, "STOP" will appear.



- 9. When the program ends, the Window will show a summary of your workout. The summary will be displayed for a short time then the console will return to the startup display. SUMMARY data contains TIME, DISTANCE, CALORIES, AVG. PACE, AVG. RPM, AVG. SPEED, and the AVG. LEVEL, AVG. WATTS and AVG. PULSE.
- 10. The left corner of the screen displays "PROGRAM END. PRESS START TO REPEAT". The Middle of the screen displays " OR PRESS STOP TO END ". The right corner shows" OR PRESS USER TO SAVE ". In the SUMMARY screen, when the action is not stored, for 3 minutes, the screen display will automatically go back to main workout home page or press STOP to return to main workout home page.



- 11. You can store workout data to Custom by performing the following steps.
 - When the START key is pressed again, the console will display the previously programmed customer data.
 - When the user presses the Custom button, the screen displays "PRESS ENTER TO SAVE THIS PROGRAM TO CUSTOM OR PRESS STOP TO BACK TO HOME". Press the ENTER key to confirm storage, press the STOP key if you choose not to store and return to main workout home page.



PRESET PROGRAMS

The fitness bike has five different programs that have been designed for a variety of workouts. These five programs have factory preset work level profiles for achieving different goals.

Hill

The Hill program simulates going up and down a hill. The resistance in the pedals will steadily increase and then decrease during the program.

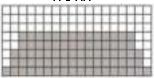




Fat Burn

The Fat Burn program is designed, as the name implies, to maximize the burning of fat. There are many schools of thought on the best way to burn fat but most experts agree that a lower exertion level that stays at a steady workload is the best. The absolute best way to burn fat is to keep your heart rate at around 60% to 70% of its maximum potential. This program does not use heart rate but simulates a lower, steady exertion workout.

WORK



Cardio

The **Cardio** program is designed to increase your cardiovascular function and endurance. This is exercise for your heart and lungs. It will build up your heart muscle and increase blood flow and lung capacity. This is achieved by incorporating a higher level of exertion with slight fluctuations in work.

WORK



Strength

The **Strength** program is designed to increase muscular strength in your lower body. This program will steadily increase in resistance to a high level and forces you to sustain it. This is designed to strengthen and tone your legs and glutes (muscles of the butt).

WORK



HIIT

The HIIT program takes you through high levels of intensity followed by periods of low intensity. This program increases your endurance by depleting your oxygen level followed by periods of recovery to replenish oxygen. Your cardiovascular system gets programmed to use oxygen more efficiently this way. This program also forces your body to become more efficient due to spikes in heart rate, between recovery periods. This aids in heart rate recovery from intense activities

WORK



PROGRAMMING PRESET BUTTONS

- Press the desired program button.
- During the programming stage, the menu will display Age.
 You may adjust the age setting, using the Level ▲/▼ keys, then press the Enter key.
- You are now asked to enter your Weight. You may adjust the weight number using the Level ▲/▼ keys then press Enter to continue.
- Next is **Time**. You may adjust the **Time** and press **Enter** to continue.
- Now you are asked to adjust the Max Level. This is the peak exertion level you will experience during the program (the highest colored segment/box of the program profile). Adjust the level and then press Enter.
- 6. Now you are finished editing the settings and can begin your workout by pressing the Start key. You can also go back and modify your settings by pressing the Stop key to go back one level, or screen.
- If you want to increase or decrease the resistance at any time during the program, press the Level.
 ▲/▼ keys.
- When you workout in Manual program mode, pressing the DISPLAY key will change the display information.
- When the program ends, the Window will show a summary of your workout. The summary will be displayed for a short time, then the console will return to the start-up display.

CUSTOM USER DEFINED PROGRAMS

The customizable User programs allow you to build and save your own workout. You can build your own custom program by following the instructions below.

- 1. Select the CUSTOM program then press Enter. If you have already saved a program to CUSTOM, it will be displayed and you are ready to begin. If not, you will have the option of inputting a username. In the Window, the letter "A" will be blinking. Use the ▲/▼ Level buttons to select the appropriate first letter of your name (pressing the Level ▲/▼ button will switch to the letter "B"; pressing the Down button will switch to letter "Z"). Press Enter when the desired letter is displayed. Repeat this process until all of the characters of your name have been programmed (maximum 7 characters). When finished press Stop.
- 2. If there is a program already stored in User when you press the key, you will have an option to run the program as it is or delete the program and build a new one. At the welcome message screen, when pressing Start or Enter you will be prompted: Run Program? Use the Level ▲/▼ to select Yes or No. If you select No, you will then be asked if you want to delete the currently saved program. It is necessary to delete the current program if you want to build a new one.
- 3. The Window will ask you to enter your Age. You may enter your age using the Level ▲/▼ keys, then press the Enter key to accept the new number and proceed on to the next screen.
- You are now asked to enter your Weight. You may adjust the weight number using the Level ▲/▼
 keys, then press Enter to continue.
- Next is Time. You may adjust the Time using the Level ▲/▼ keys and press Enter to continue.
- 6. Now the first column will be blinking and you are asked to adjust the level for the first segment of the workout. When you finish adjusting the first segment, or if you don't want to change, then press Enter to continue to the next segment. The next segment will show the same level as the previously adjusted segment. Repeat the same process as the last segment then press Enter. Continue this process until all twenty segments have been set.





- 7. Now the first column will be blinking again and you are asked to adjust the level for the first segment of the workout. Follow the same procedure for building the profile as you did for the resistance profile.
- 8. The **Window** will then tell you to start to begin (and save the program) or **Enter** to modify the program. Pressing **Stop** will exit to the startup screen.
- 10. During the **CUSTOM** program you will be able to scroll through the data in the **Window** by pressing the **Display** key.
- 11. When the program ends the **Window** will show a summary of your workout. The summary will be displayed for a short time then the console will return to the start-up display.

FITNESS TEST PROGRAM

The fitness test will assess your fitness level and give a score at the end of the test. This score is not a Vo2 max number, but just a number to use as a reference. You can take the test every month and the score should be higher as your level of fitness improves. The test will take anywhere from 6–15 minutes. The test will ask you to maintain a pedal speed of 50 RPM and will automatically make adjustments to the work load depending on your heart rate response to set work levels. The test ends when you reach your target heart rate which is 85% of your maximum heart rate (Max HR = 220 – your age) or if your HR exceeds 110 BPM for 2 consecutive stages.

Fitness Test Programming

- Press the Fit-test button and press Enter.
- The message window will ask you to enter your Age. You may adjust the age setting, using the LEVEL Up and Down keys then press the Enter key to accept the new number and proceed on to the next screen.
- You are now asked to enter your Weight. You may adjust the weight number using the LEVEL Up and Down keys then press enter to continue.
- Now press Start to begin the test or Enter to modify your settings.

Before the test

- Make sure you are in good health: check with your physician before performing any exercise if
 you are over the age of 35 or persons with pre-existing health conditions.
- Make sure you have warmed up and stretched before taking the test.
- Do not take in caffeine before the test.
- Hold the hand grips gently, do not tense up.

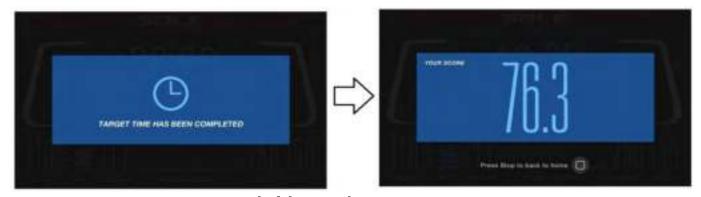
During the test

- The console must be receiving a steady heart rate for the test to begin. You may use the hand pulse sensors or wear a heart rate chest strap transmitter.
- You must maintain a steady 50 RPM pedal speed. If your pedal speed drops below 48 RPM or goes above 52 RPM the console will emit a steady beeping sound until you are within this range.
- You may scroll through the various data readings in the message window by pressing the Display button under the message window.
 - The message window will always display your pedal speed on the right side to help you maintain 50RPM.
 - The data shown during the test is:
 - a. Work in KGM is actually an abbreviated form of kg-m/min. which is a work
 measurement of kilogram-force meter/minute
 - b. Work in Watts (1 watt is equal to 6.11829727787 kg-m/min.).
 - c. HR is your actual heart rate; TGT is the target heart rate to reach to end the test.
 - d. Time is the total elapsed time of the test.

After the test

- Cool down for about one to three minutes.
- Take note of your score because the console will automatically return to the start-up mode after a few minutes.

		1st Stage	Level 1 (9W) 54 kgm/min	
Heart Rate	HR<80	HR: 80-90	HR: 90-100	HR>100
2nd Stage	Level 12 (74W)	Level 11 (64W)	Level 7 (42W)	Level 3 (28W)
	444 kgm/min	384 kgm/min	252 kgm/min	168 kgm/min
3rd Stage	Level 14 (104W)	Level 13 (87W)	Level 11 (64W)	Level 7 (42W)
	624 kgm/min	522 kgm/min	384 kgm/min	252 kgm/min
4th Stage	Level 15 (122W)	Level 14 (104W)	Level 12 (74W)	Level 11 (64W)
	732 kgm/min	624 kgm/min	444 kgm/min	384 kgm/min



End of the test show your score

HEART RATE PROGRAMS

Before we get started, a word about Heart Rate:

The old motto, "no pain, no gain", is a myth that has been overpowered by the benefits of exercising comfortably. A great deal of this success has been promoted by the use of heart rate monitors. With the proper use of a heart rate monitor, many people find that their usual choice of exercise intensity was either too high or too low and exercise is much more enjoyable by maintaining their heart rate in the desired benefit range.

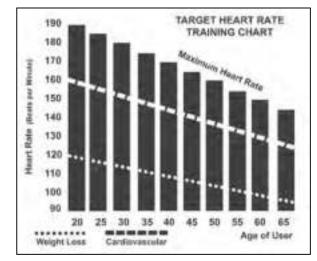
To determine the benefit range in which you wish to train, you must first determine your Maximum Heart Rate. This can be accomplished by using the following formula: 220 minus your age. This will give you the Maximum Heart Rate (MHR) for someone of your age. To determine the effective heart rate range for specific goals you simply calculate a percentage your MHR. Your Heart rate training zone is 50% to 90% of your maximum heart rate. 60% of your MHR is the zone that burns fat while 80% is for strengthening the cardio vascular system. This 60% to

80% is the zone to stay in for maximum benefit.

For someone who is 40 years old their target heart rate zone is calculated:

220 – 40 = 180 (maximum heart rate) 180 x .6 = 108 beats per minute (60% of maximum) 180 X .8 = 144 beats per minute (80% of maximum)

So for a 40 year old the training zone would be 108 to 144 beats per minute.



If you enter your age during programming the console will perform this calculation automatically. Entering your age is used for the Heart Rate programs. After calculating your MHR you can decide upon which goal you would like to pursue.

The two most popular reasons for, or goals, of exercise are cardiovascular fitness (training for the heart and lungs) and weight control. The black columns on the chart above represent the MHR for a person whose age is listed at the bottom of each column. The training heart rate, for either cardiovascular fitness or weight loss, is represented by two different lines that cut diagonally through the chart. A definition of the lines' goal is in the bottom left-hand corner of the chart. If your goal is cardiovascular fitness or if it is weight loss, it can be achieved by training at 80% or 60%, respectively, of your MHR on a schedule approved by your physician. Consult your physician before participating in any exercise program.

With all SOLE Heart Rate fitness bike machines you may use the heart rate monitor feature without using the Heart Rate program. This function can be used during manual mode or during any of the nine different programs. The Heart Rate program automatically controls resistance at the pedals.

RATE OF PERCEIVED EXERTION

Heart rate is important but listening to your body also has a lot of advantages. There are more variables involved in how hard you should workout than just heart rate. Your stress level, physical health, emotional health, temperature, humidity, the time of day, the last time you ate and what you ate, all contribute to the intensity at which you should workout. If you listen to your body, it will tell you all of these things.

The rate of perceived exertion (RPE), also known as the Borg scale, was developed by Swedish physiologist G.A.V. Borg. This scale rates exercise intensity from 6 to 20 depending upon how you feel or the perception of your effort.

The scale is as follows:

Rating Perception of

Effort

6 Minimal

7 Very, very light.

8 Very, very light +

9 Very light

10 Very light +

11 Fairly light

12 Comfortable

13 Somewhat hard.

14 Somewhat hard +

15 Hard

16 Hard +

17 Very hard

18 Very hard +

19 Very, very hard

20 Maximal

You can get an approximate heart rate level for each rating by simply adding a zero to each rating. For example a rating of 12 will result in an approximate heart rate of 120 beats per minute. Your RPE will vary depending up the factors discussed earlier. That is the major benefit of this type of training. If your body is strong and rested, you will feel strong and your pace will feel easier. When your body is in this condition, you are able to train harder and the RPE will support this. If you are feeling tired and sluggish, it is because your body needs a break. In this condition, your pace will feel harder. Again, this will show up in your RPE and you will train at the proper level for that day.

USING HEART RATE TRANSMITTER (Optional)

How to wear your wireless chest strap transmitter:

- 1. Attach the transmitter to the elastic strap using the locking parts.
- 2. Adjust the strap as tightly as possible as long as the strap is not too tight to remain comfortable.
- 3. Position the transmitter with the logo centered in the middle of your body facing away from your chest (some people must position the transmitter slightly left of center). Attach the finalend of the elastic strap by inserting the round end and, using the locking parts, secure the transmitter and strap around your chest.





- 4. Position the transmitter immediately below the pectoral muscles.
- 5. Sweat is the best conductor to measure very minute heart beat electrical signals. However, plain water can also be used to pre-wet the electrodes (2 ribbed oval areas on the reverse side of the belt and both sides of the transmitter). It's also recommended that you wear the transmitter strap a few minutes before your work out. Some users, because of body chemistry, have a more difficult time in achieving a strong, steady signal at the beginning. After "warming up", this problem lessens. As noted, wearing clothing over the transmitter/strap doesn't affect performance.
- 6. Your workout must be within range distance between transmitter/receiver to achieve a strong steady signal. The length of range may vary somewhat but generally stay close enough to the console to maintain good, strong, reliable readings. Wearing the transmitter immediately against bare skin assures you of proper operation. If you wish, you may wear the transmitter over a shirt. To do so, moisten the areas of the shirt that the electrodes will rest upon.

Nate: The transmitter is automatically activated when it detects activity from the user's heart. Additionally, it automatically deactivates when it does not receive any activity. Although the transmitter is water resistant, moisture can have the effect of creating false signals, so you should take precautions to completely dry the transmitter after use to prolong battery life (estimated transmitter pattery life is 2500 hours). The replacement battery is Panasonic CR2032.

ERRATIC OPERATION

Caution! Do not use this fitness bike for Heart Rate Control unless a steady, solid Actual Heart Rate value is being displayed. High, wild, random numbers being displayed indicate a problem. Areas to look for interference which may cause erratic heart rate:

- Microwave ovens, TV's, small appliances, etc.
- 2. Fluorexent lights.
- Some nousehold security systems.
- 4. Perimeter fence for a pet.
- Some people have problems with the transmitter picking up a signal from their skin. If you have problems
 try wearing the transmitter upside down. Normally the transmitter will be oriented so the logo is right side
 up.
- The antenna that picks up your heart rate is very sensitive. If there is an outside noise source, turning the whole machine 90 degrees may de tune the interference.
- Another Individual wearing a pansmitter within 3 of your machine's console.
 If you continue to experience problems contact your dealer.

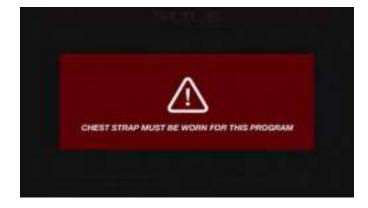
HEART RATE PROGRAM OPERATION

Both programs operate the same, the only difference is that the default for HR1 is set to 60% and HR2 is set to 80% of the maximum heart rate. They both are programmed the same way. To start an HR program follow the instructions below or just select the HR1 or HR2 program, then press the Enter button and follow the directions in the Message Window.

- 1. Press the HR1 or HR2 key.
- During programming, the menu will display Age. You may enter your Age, using the Level ▲/▼
 keys or the numeric key pad, then press the Enter key to accept the new number and proceed on to
 the next page.



- You are now asked to enter your Weight. You may adjust the Weight using the Level
 ▲/▼ keys, or the numeric key pad then press Enter to continue.
- 4. Next is **Time**. You may adjust the **Time** and press **Enter** to continue.
- Now you are asked to adjust your Target Heart Rate. This is the heart rate level you will strive to reach and maintain during the program. Adjust the level and then press Enter.
- 6. Now you are finished editing the settings and can begin your workout by pressing the **Start** key. You can also go back and modify your settings by pressing the **Enter** key. **Note**: At any time during the editing of Datayou can press the **Stop** key to go back one level, or screen.
- 8. When the program ends you may press **Start** to begin the same program again or **Stop** to exit the program.
- "This program requires the use of the chest strap. An RPM signal must be received before the unit can determine the appropriate resistance level."



If this picture is displayed, please attach your chest strap and make sure it is communicating with the console.

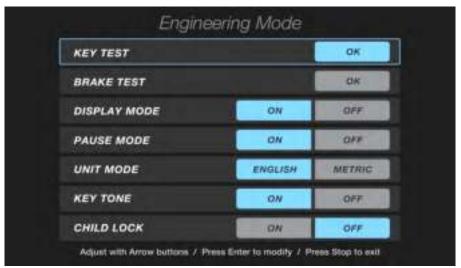
GENERAL MAINTENANCE

- Wipe down all areas in the sweat path with a damp cloth after each workout.
- If a squeak, thump, clicking or rough feeling develops the main cause is most likely one of two reasons:
 - The hardware was not sufficiently tightened during assembly. All bolts that were installed
 during assembly need to be tightened as much as possible. It may be necessary to use a
 larger wrench than the one provided if you cannot tighten the bolts sufficiently. I cannot
 stress this point enough; 90% of calls to the service department for noise issues can be
 traced to loose hardware or the rear rails being dirty.
 - II. Dirt build-up on the rear rails and polyurethane wheels are also a source of noise. Noise from build-up on the rails can cause a thumping sound that you would swear is coming from inside the main body of the machine because noise travels, and is amplified in the tubing of the frame. Clean the rails and wheels with a lint free cloth and rubbing alcohol. Stubborn build-up can be removed with your thumbnail or a non-metallic scraper, like the back edge of a plastic knife. After cleaning, apply a small amount of lubricant on the rails with your fingers or a lint free cloth. You only need a thin coat of lubrication, wipe off any excess.
- If squeaks or other noises persist, check that the unit is properly leveled before calling the service department.

MAINTENANCE MENU IN CONSOLE SOFTWARE

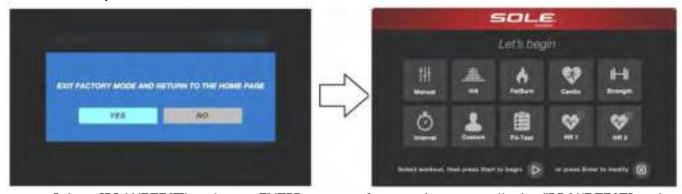
The console has built in maintenance/diagnostic software. The software will allow you to change the console settings from English to Metric and turn off the beeping of the speaker when a key is pressed for example. To enter the Maintenance Menu (may be called Engineering Mode, depending on version) press and hold down the **Start, Stop** and **Enter** keys keep holding the keys down for about 5 seconds and until the display shows display Engineering Mode'. Press the **Enter** button to access the menu below. Press the **Level** \triangle / ∇ keys to navigate the menu.

- KEYTEST Will allow you to test all the keys to make sure they are functioning.
- C. BRAKETEST—Testing of the EMS brake.
- D. DISPLAY MODE Turn off to have the console power down automatically after 30 minutes of inactivity.
- E. PAUSE MODE Turned on to allow 5 minutes of pause, turn off to have console.
- B. UNIT MODE Choose from English or Metric display readings.
- F. **KEYTONE-T**urn on or off the beep sound when a key is pressed.
- G. CHILD LOCK Allows you to lock the keypad so no unauthorized use of the machine is allowed. When the child lock is enabled, the console will not allow the keypad to operate unless you press and hold the Start and Enter buttons for 3 seconds to unlock the console.

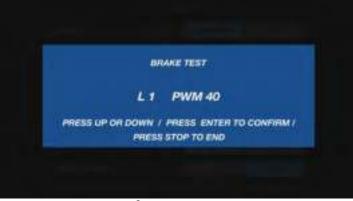


Engineering Mode display page

When the STOP key is **pressed**, the screen appeared to exit the prompt string "EXIT FACTORY MODE AND RETURN TO THE HOME PAGE". Press YES, then back to main workout home page. Press NO you back to the Maintenance menu page, the screen shown below:

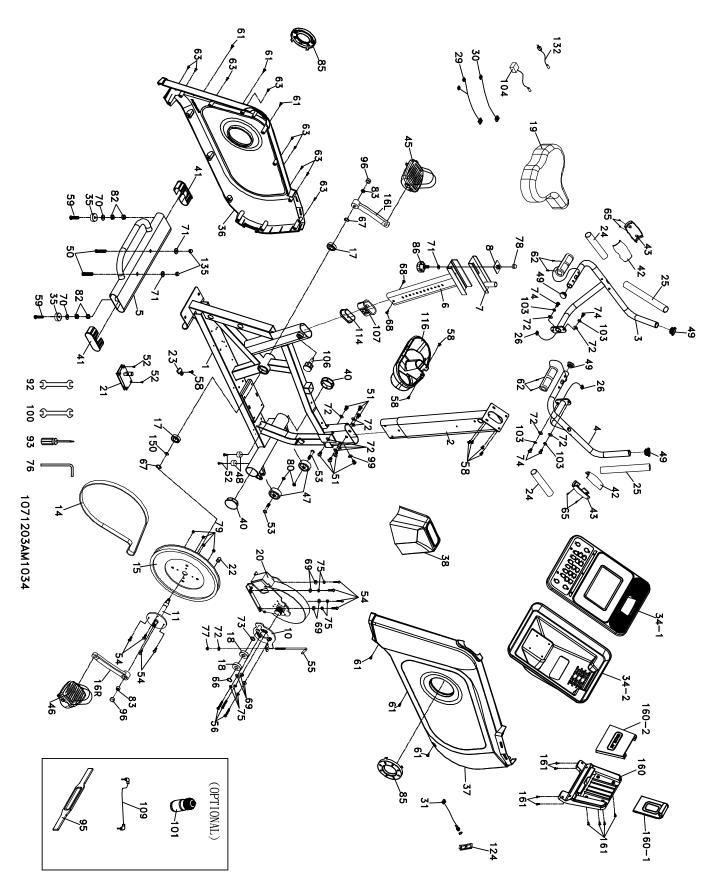


Select "BRAKETEST" and press ENTER to enter the test, the screen display "BRAKETEST" and below "L1 PWM XX", press ENTER to enter L1, and then adjust the value as LEVEL UP/LEVEL DOWN key, after this adjustment, and then press ENTER to confirm the value, and so on. When adjust to L20, will complete and return to the menu screen. (PWM value adjustment the greater output is larger, ranging $0\sim512$)



Brake test page

LCB EXPLODED VIEW DIAGRAM



LCB PARTS LIST

Key	Part	Part Description	Q ty
1	9607901	Main Frame	1
2	9607902	Console Mast	1
3	9607903	Handlebar (L)	1
4	9607904	Handlebar (R)	1
5	9607905	Rear Stabilizer	1
6	9607906	Seat Slider	1
7	9607907	Sliding Seat Mount	1
8	9607908	Fix Plate	1
10	9607910	Idler Wheel Assembly	1
11	9607911	Crank Axle	1
14	9607914	Drive Belt	1
15	9607915	Drive Pulley	1
16L	9607916L	Crank Arm (L)	1
16R	9607916R	Crank Arm (R)	1
17	9607917	6004_Bearing	2
18	9607918	6203_Bearing	2
19	9607919	Seat	1
20	9607920	Induction Brake	1
21	9607921	Generator/Brake Controller	1
22	9607922	Magnet	1
23	9607923	450m/m Sensor W/Cable	1
24	9607924	1" × 5T × 180L Handgrip Foam	2
25	9607925	1" × 5T × 300L_Handgrip Foam	2
26	9607926	800m/m_Handpulse W/Cable Assembly	2
29	9607929	1900m/m_Computer Cable	1
30	9607930	300m/m_Wire Brake Coil Harness	1
31	9607931	1100m/m_DC Power Cord	1
34~1	9607934-1	Console Top Cover	1
34~2	9607934-2	Console Bottom Cover	1
35	9607935	Rubber Foot	2
36	9607936	Chain Cover (L)	1
37	9607937	Chain Cover (R)	1
38	9607938	Console Mast Cover	1
40	9607940	Ø60.6_Stabilizer End Cap	2
41	9607941	118 × 40m/m_End Cap	2
42	9607942	Handgrip Cap (Top)	2
43	9607943	Handgrip Cap (Bottom)	2
45	9607945	Pedal (L)	1
46	9607946	Pedal (R)	1
47	9607947	Transportation Wheel	2
48	9607948	Rubber Foot Pad	2
49	9607949	Button Head Plug	4
50	9607950	3/8" × 53L_Carriage Bolt	2
51	9607951	5/16" × UNC18 × 5/8"_Hex Head Bolt	7
52	9607952	5 × 19m/m_Tapping Screw	4

Key	Part	Part Description	Q ty
53	9607953	5/16" × 1-3/4"_Button Head Socket Bolt	2
54	9607954	1/4" × 3/4"_Hex Head Bolt	8
55	9607955	M8 × 170m/m_J Bolt	1
56	9607956	M6 × 15m/m_Phillips Head Screw	3
58	9607958	M5 × 12m/m_Phillips Head Screw	7
59	9607959	3/8" × 2_Flat Head Socket Bolt	2
61	9607961	5 × 16m/m_Tapping Screw	6
62	9607962	3 × 20m/m_Tapping Screw	4
63	9607963	3.5 × 16m/m_Sheet Metal Screw	9
65	9607965	3 × 10m/m_Tapping Screw	4
66	9607966	Ø17 C Ring	1
67	9607967	Ø20_C Ring	2
68	9607968	4 × 12m/m_Sheet Metal Screw	2
69	9607969	Ø1/4" × 13mm × 1T_Flat Washer	7
70	9607970	\emptyset 3/8" × \emptyset 19 × 1.5T Flat Washer	2
71	9607971	Ø3/8" × Ø25 × 2T_Flat Washer	3
72	9607972	Ø5/16" × Ø18 × 1.5T_Flat Washer	11
73	9607973	Ø17 × Ø23.5mm × 1T Flat Washer	1
74	9607974	5/16" × UNC18 × 5/8"_Button Head Socket Bolt	4
75	9607975	Ø1/4" Split Washer	7
76	9607976	Combination M5 Allen Wrench & Phillips Head Screwdriver	1
77	9607977	M8 × 7T Nyloc Nut	1
78	9607978	3/8" × 7T_Cap Nut	1
79	9607979	1/4" × 8T_Nyloc Nut	4
80	9607980	5/16" × 6T Nyloc Nut	2
82	9607982	3/8" × 7T Nut	4
83	9607983	M10 × 1.25 Nut	2
85	9607985	Round Cover	2
86	9607986	Seat Knob	1
92	9607992	13.15m/m Wrench	1
93	9607993	Phillips Head Screwdriver	1
95	9607995	Chest Strap (Optional)	1
96	9607996	Crank Arm End Cap	2
99	9607999	Ø5/16" × 19 × 1.5T Curved Washer	1
100	96079100	12.14m/m Wrench	1
101	96079101	Drink Bottle (Optional)	1
103	96079103	5/16" × 1.5T Split Washer	4
104	96079104	Power Adaptor	1
106	96079106	Locking Knob	1
107	96079107	Center spatial wrap	1
109	96079109	400m/m_Audio Cable (Optional)	1
114	96079114	Slide Spacer	1
116	96079116	Beverage Holder	1
124	96079124	On/Off Switch Bracket	1
132	96079132	Transformer Power Cord	1
135	96079135		2
133	300/3133	3/8" × UNC16 × 12.5T_Cap Nut	

Key	Part	Part Description	Q'ty
150	96079150	Rubber Pad	1
160	96079160	Tablet Holder (Bottom)	1
160-1	96079160-1	Tablet Holder Adjustable Clip	1
160-2	96079160-2	Tablet Holder (Front)	1
161	96079161	3.5 × 12L Sheet Metal Screw	8

MANUFACTURER'S LIMITED WARRANTY

Dyaco Canada Inc. warrants all its fitness bike parts for a period of time listed below from the date of retail sale, as determined by sale receipt. Dyaco Canada Inc.'s responsibilities include providing new or remanufactured parts, at Dyaco Canada Inc.'s option, and technical support to our independent dealers and servicing organizations. In the absence of a dealer or service organization, these warranties will be administered by Dyaco Canada Inc. directly to a consumer. The warranty period applies to the following components:

LCB - RESIDENTIAL WARRANTY (i) to the open and inhorate LIGHT COMMERCIAL WARRANTY has designationed by

Parts/Electronics5 YearsParts/Electronics3 YearsFrameLifetimeFrameLifetimeLabour2 YearsLabour1 Year

This warranty applies only to products in ordinary household use or in a non-due paying facility and the consumer is responsible for the items listed below:

- 1. The warranty registration card must be completed and returned to the address listed on the card within 10 days of the original purchase to validate the Dyaco Canada Inc.'s limited warranty.
- 2. Proper use of the fitness bike in accordance with the instructions provided in this manual.
- 3. Proper installation in accordance with instructions provided with the fitness bike and with all local electric codes.
- 4. Proper connection to a grounded power supply of sufficient voltage, replacement of blown fuses, repair of loose connections or defects in house wiring.
- Expenses for making the fitness bike accessible for servicing, including any item that was not part of the fitness bike at the time it was shipped from the factory.
- 6. Damages to the fitness bike finish during shipping, installation or following installation.
- 7. Routine maintenance of this unit as specified in this manual.

EXCLUSIONS

This warranty does not cover the following:

- 1. CONSEQUENTIAL, COLLATERAL, OR INCIDENTAL DAMAGES SUCH AS PROPERTY DAMAGE AND INCIDENTAL EXPENSES RESULTING FROM ANY BREACH OF THIS WRITTEN OR ANY IMPLIED WARRANTY.
 - Note: Some areas do not allow the exclusion or limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you.
- Service call reimbursement to the consumer. Service call reimbursement to the dealer that does not involve malfunction or defects
 in workmanship or material, for units that are beyond the warranty period, for units that are beyond the service call
 reimbursement period, for fitness bike not requiring component replacement, or fitness bike not in ordinary household use or not
 in a non-dues paying facility.
- 3. Damages caused by services performed by persons other than authorized Dyaco Canada Inc. service companies; use of parts other than original Dyaco Canada Inc. parts; or external causes such as corrosion, discoloration of paint or plastic, alterations, modifications, abuse, misuse, accident, improper maintenance, inadequate power supply, or acts of God.
- 4. Products with original serial numbers that have been removed or altered.
- 5. Products that have been: sold, transferred, bartered, or given to a third party.
- 6. Products that do not have a warranty registration card on file at Dyaco Canada Inc. Dyaco Canada Inc. reserves the right to request proof of purchase if no warranty record exists for the product.
- THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE.
- 8. Product use in any environment other than a residential setting.
- 9. Warranties outside of North America may vary. Please contact your local dealer for details.

SERVICE

Keep your bill of sale. The labour warranty period is twelve (12) months from the date on the bill of sale. If service is performed, it is in your best interest to obtain and keep all receipts. This written warranty gives you specific legal rights. You may also have other rights that vary in different areas. Service under this warranty must be obtained by following these steps, in order:

- Contact your selling authorized SOLE dealer.
- 2. If you have any questions about your new product or questions about the warranty contact Dyaco Canada Inc. at 1-888-707-1880.
- 3. If no local service is available, Dyaco Canada Inc. will repair or replace the parts, at Dyaco Canada Inc.'s option, within the warranty period at no charge for parts. All transportation costs, both to our factory and upon return to the owner, are the responsibility of the owner. The owner is responsible for adequate packaging upon return to Dyaco Canada Inc. Dyaco Canada Inc. is not responsible for damages that occur during shipping. Make all freight damage claims with the appropriate freight carrier. DO NOT SHIP ANY UNIT TO OUR FACTORY WITHOUT A RETURN AUTHORIZATION NUMBER. All units arriving without a return authorization number will be refused.
- 4. For any further information, or to contact our service department by mail, send your correspondence to:

Dyaco Canada Inc.

5955 Don Murie Street

Niagara Falls, ON

L2G 0A9

Product features or specifications as described or illustrated are subject to change without notice. All warranties are made by Dyaco Canada Inc.



Please visit us online for information about our other brands and products manufactured and distributed by Dyaco Canada Inc.

SPIRIT

spiritfitness.ca



xterrafitness.ca

UFC

dyaco.ca/UFC/UFC-home.html

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For more information, please contact Dyaco Canada Inc.

T: 1-888-707-1880 | 5955 Don Murie St., Niagara Falls, Ontario L2G 0A9 | sales@dyaco.ca

