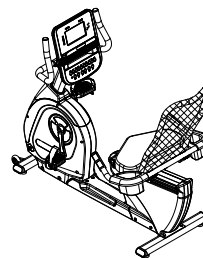


SPIRIT



XBR25 SEMI-RECUMBENT BIKE OWNER'S MANUAL

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Thank you for purchasing our product, please save these instructions. Please do not perform or attempt any customizing, adjustments, repair or maintenance that is not described in this manual.

SPIRIT

Congratulations on your new Semi-Recumbent bike and welcome to the Spirit Fitness family!

Thank you for your purchase of this quality Semi-Recumbent bike from Spirit Fitness. Your new Semi-Recumbent bike was manufactured by one of the leading fitness manufacturers in the world and is backed by one of the most comprehensive warranties available. Through your dealer, Spirit Fitness will do all we can to make your ownership experience as pleasant as possible for many years to come. If not purchased direct from Spirit Fitness, the local dealership where you purchased this Semi-Recumbent bike is your administrator for all Spirit Fitness warranty and service needs. Their responsibility is to provide you with the technical knowledge and service personnel to make your experience more informed and any difficulties easier to remedy.

Please take a moment at this time to record the name of the dealer; their telephone number; and the date of purchase below to make any future, needed contact easy. We appreciate your support and we will always remember that you are the reason that we are in business.

Yours in Health,
Spirit Fitness

NAME OF DEALER _____

DEALER PHONE # _____

PURCHASE DATE _____

WARNING: This product may contain a chemical known to the state of California to cause cancer, birth defects, or other reproductive harm.

Important Safety Instructions

WARNING

When using an electrical appliance, basic precautions should always be followed, including the following:

Read all instructions before using this appliance.

DANGER - To reduce the risk of electric shock:

Always unplug this appliance from the electrical outlet immediately after using and before cleaning.

WARNING - To reduce the risk of burns, fire, electric shock, or injury to persons, install the fitness bike on a flat level surface with access to a 110-volt, 15-amp grounded outlet with only the fitness bike plugged into the circuit.

DO NOT USE AN EXTENSION CORD UNLESS IT IS A 14AWG OR BETTER, WITH ONLY ONE OUTLET ON THE END:

- To reduce the risk of burns, fire electric shock, or injury to persons:
- An appliance should never be left unattended when plugged in. Unplug from outlet when not in use, and before putting on or taking off parts.
- Do not operate under blanket or pillow. Excessive heating can occur and cause fire, electric shock, or injury to persons.
- Close supervision is necessary when this appliance is used by, on, or near children, invalids, or disabled persons.
- Use this appliance only for its intended use as described in this manual. Do not use attachments not

recommended by the manufacturer.

- Never operate this appliance if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the appliance to a service center for examination and repair.
- Do not carry this appliance by supply cord or use cord as a handle.
- Keep the cord away from heated surfaces.
- Never operate the appliance with the air openings blocked. Keep the air openings free of lint, hair, and the like.
- Never drop or insert any object into any opening.
- Do not use outdoors.
- Do not operate where aerosol (spray) products are being use or where oxygen is being administered.
- Connect this appliance to a properly grounded outlet only.
- The appliance is intended for household use.
- This exercise equipment is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
- Keep children under the age of 13 away from this machine.

SAVE THESE INSTRUCTIONS - THINK SAFETY!

Fitness Equipment Safety Instructions

To disconnect turn all controls to the off position, then remove the plug from the outlet.

- Do not operate equipment on deeply padded, plush or shag carpet. Damage to both carpet and equipment may result.
- Before beginning this or any exercise program, consult a physician. This is especially important for persons over the age of 35 or persons with pre-existing health conditions.
- Do not attempt to use your equipment for any purpose other than for the purpose it is intended.
- Keep hands away from all moving parts.
- The pulse sensors are not medical devices. Their purpose is to provide you with an approximate measurement in relation to your target heart rate. Use of a chest transmitter strap (sold separately) is a much more accurate method of heart rate analysis. 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 equipment. Quality athletic shoes are recommended to avoid leg fatigue.

Failure to follow all guidelines may compromise the effectiveness of the exercise experience, expose yourself (and possibly others) to injury, and reduce the longevity of the equipment.

Important Electrical Instructions

WARNING

NEVER remove any cover without first disconnecting D.C. power. If voltage varies by ten percent (10%) or more, the performance of your fitness bike may be affected. Such conditions are not covered under your warranty. If you suspect the voltage is low, contact your local power company or a licensed electrician for proper testing.

NEVER expose this Semi-Recumbent 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).

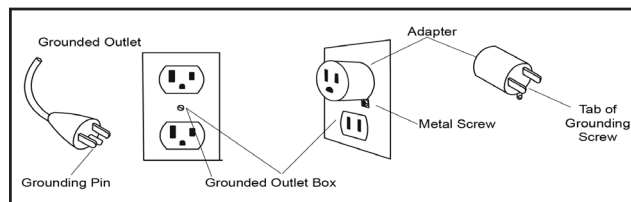
Circuit Breakers: Some circuit breakers used in homes are not rated for high inrush currents that can occur when a equipment is first turned on or even during use. If your equipment is tripping the house circuit breaker (even though it is the proper current rating) but the circuit breaker on the equipment itself does not trip, you will need to replace the home breaker with a high inrush type. This is not a warranty defect. This is a condition we as a manufacture have no ability to control. This part is available through most electrical supply stores. *Examples: Grainger part # 1D237, or available online at www.squared.com part #QOI20HM.* The electrical outlet used should have a dedicated 15 amp circuit breaker.

Grounding Instructions

This product must be grounded. If the your equipment should malfunction or breakdown, grounding provides a path of least resistance for electric current, reducing the risk of electric shock. This product is equipped with a cord having an equipment-grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

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

This product is for use on a nominal 110-volt/15 amp dedicated circuit, and has a grounding plug that looks like the plug illustrated below. A temporary adapter that looks like the adapter illustrated below may be used to connect this plug to a 2-pole receptacle as shown below if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet, (shown below) can be installed by a qualified electrician. The green colored rigid ear-lug, or the like, extending from the adapter; must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by a metal screw.



Important Operation Instructions

- **NEVER** operate this Semi-Recumbent 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 level on the computer console and release the adjustment key. The computer will obey the command gradually.
- **NEVER** use your fitness bike during an electrical storm. Surges may occur in your household power supply that could damage fitness bike components. Unplug the fitness bike during an electrical storm as a precaution.
- Use caution while participating in other activities while pedaling on your Semi-Recumbent Bike; such as watching television, reading, etc. These distractions may cause you to lose balance which 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.

Record Your Serial Number

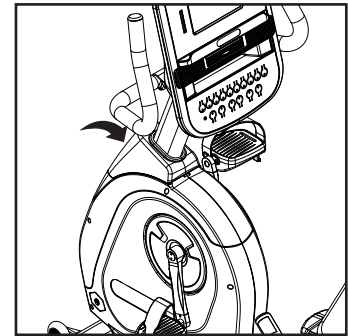
Please record the serial number of this fitness product in the space provided below.

Serial Number:

Register Your Purchase

The self-addressed product registration card must be completed in full and returned to Spirit Fitness. You can also go to <http://www.spiritfitness.com/residentialwarrantyregistration.html> under the Support tab to register online.

Serial Number Location



XBR25 PRE ASSEMBLY

UNPACKING

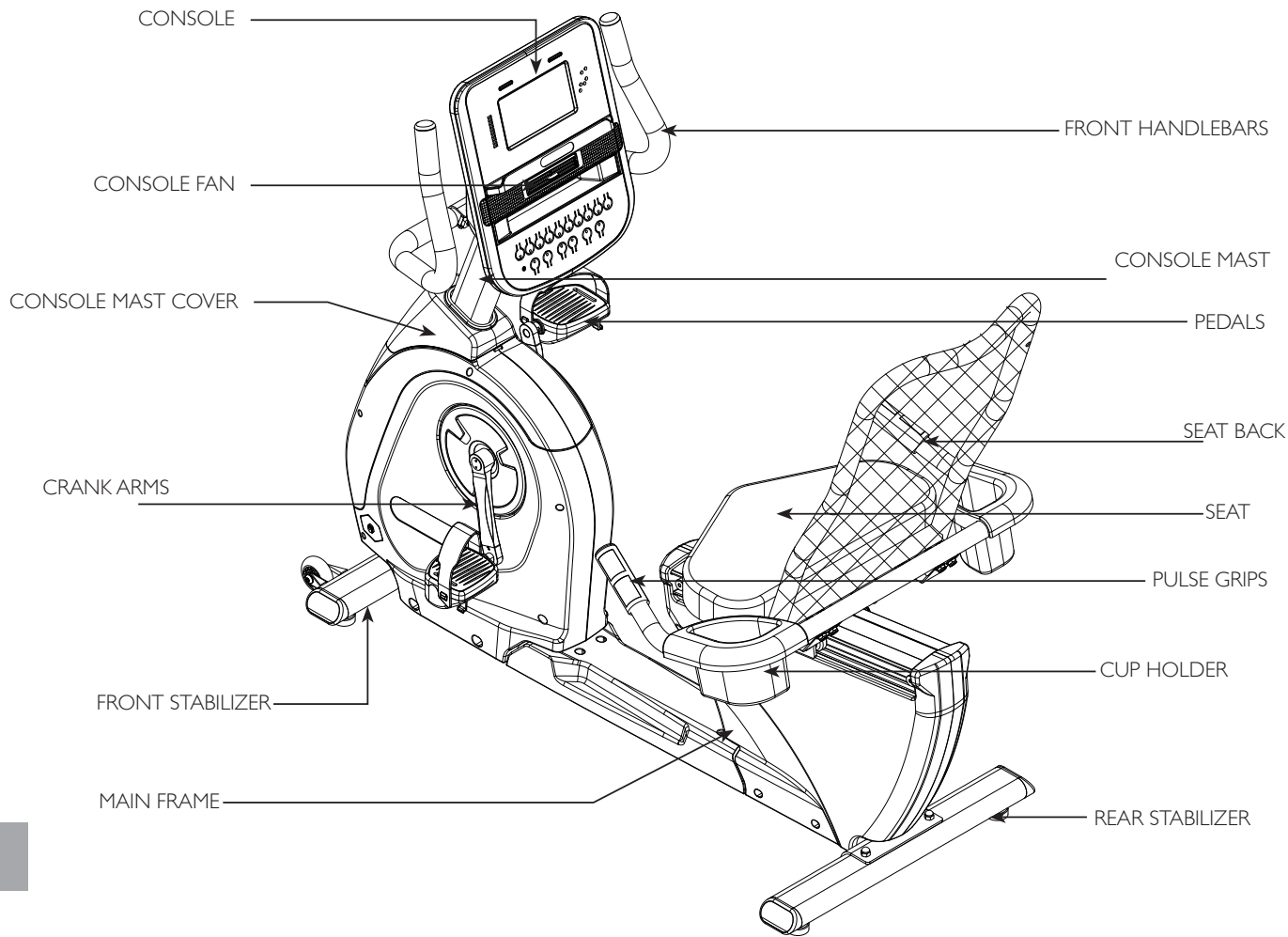
1. Cut the straps, then along the dotted line on the bottom of the box; lift the box over the unit and unpack.
2. Locate the hardware package. The hardware is separated into four steps. Remove the tools first. Remove the hardware for each step as needed to avoid confusion. The numbers in the instructions that are in parenthesis (#) are the item number from the assembly drawing for reference.

TOOLS INCLUDED:

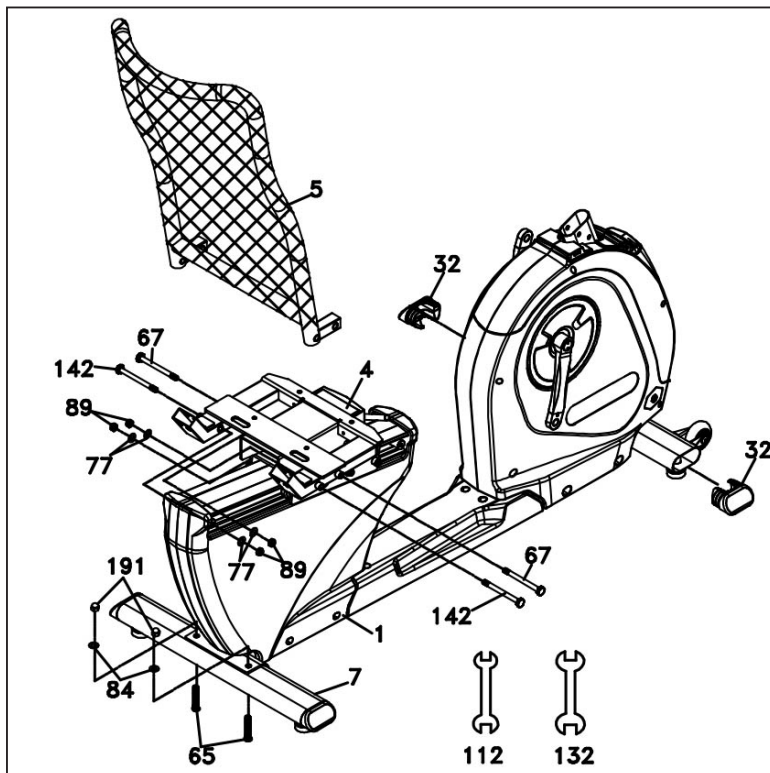
- ☐ 12/14mm Wrench
- ☐ 14/15mm Wrench
- ☐ Phillips Screwdriver

PARTS INCLUDED:

- ☐ 1 Main Frame
- ☐ 1 Console Mast
- ☐ 1 Rear Stabilizer
- ☐ 1 Seat Back Frame
- ☐ 1 Front Handle Bar
- ☐ 1 Handle Bar
- ☐ 1 Seat Back Cover
- ☐ 1 Console Mast Cover
- ☐ 1 Front Stabilizer Cover
- ☐ 1 Rear Stabilizer Cover
- ☐ 1 Console
- ☐ 1 Seat Cushion
- ☐ 2 Cup Holders
- ☐ 2 Pedals
- ☐ 1 Hardware Kit



XBR25 STEP ONE

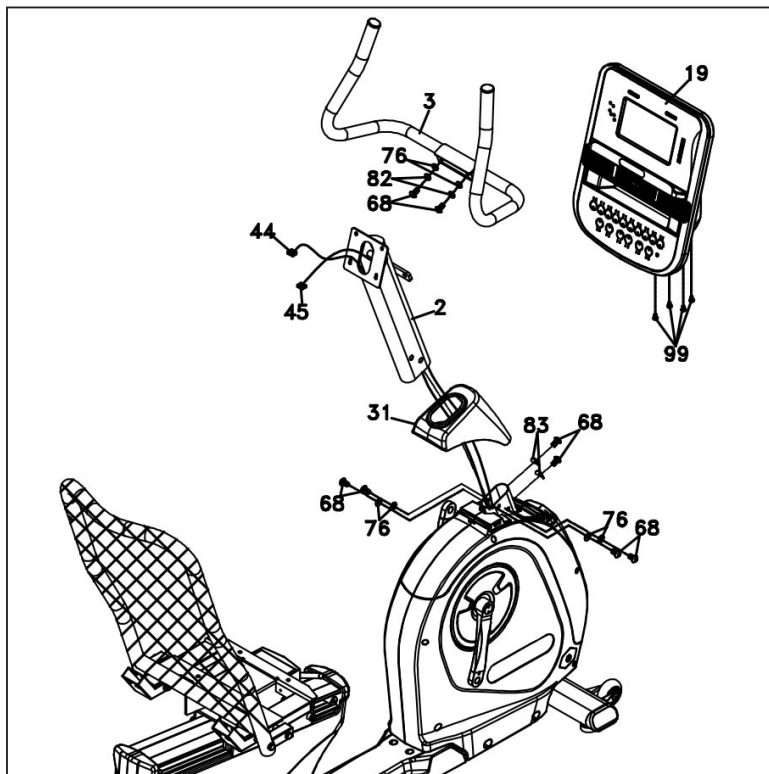


HARDWARE FOR STEP 1

PART	TYPE	DESCRIPTION	QTY
65	BOLT	3/8"X53mm	2
67	BOLT	3/8"X4"	2
77	FLAT WASHER	Ø3/8" × Ø19 × 1.5T	4
84	FLAT WASHER	Ø3/8" × Ø25 × 2T	2
89	NYLOC NUT	3/8" x 7T	4
142	BOLT	3/8" x 4-1/4"	2
191	CAP NUT	3/8" X UNC16 X 12.5T	2

1. Gather **HARDWARE FOR STEP 1**.
2. Install the **REAR STABILIZER (7)** onto the **MAIN FRAME** with 2 **BOLTS (65)** and 4 **WASHERS (84)**.
3. Install the **SEAT BACK (5)** onto the **SEAT CARRIAGE (4)** with 2 **BOLTS (67)** installed through the top holes and secured with 2 **FLAT WASHERS (77)** and **NYLOC NUTS (89)**. Install 2 **BOLTS (142)** through the side holes and secure with 2 **FLAT WASHERS (77)** and **NYLON NUTS (89)**.
4. Insert an **END CAP (32)** into each opening of the **FRONT STABILIZER TUBE**. You may need to tap them in with a rubber mallet if they are tight.

XBR25 STEP TWO



HARDWARE FOR STEP 2

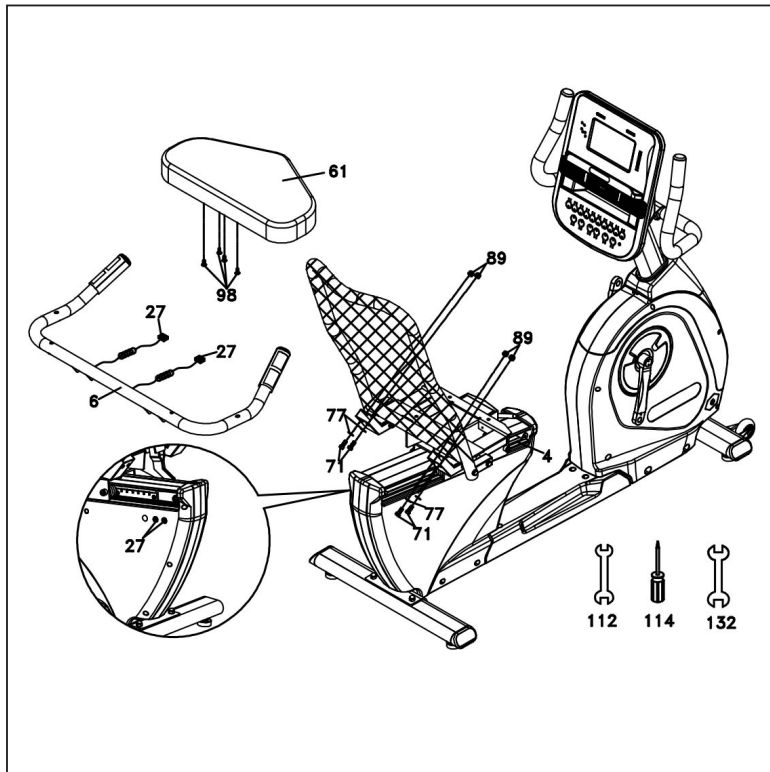
PART	TYPE	DESCRIPTION	QTY
68	BOLT	5/16"XUNC18X5/8"	8
76	FLAT WASHER	Ø5/16" × Ø18 × 1.5T	6
82	SPLIT WASHER	5/16"X1.5T	2
83	CURVED WASHER	Ø5/16" × 19 × 1.5T	2
99	PHILLIPS HEAD SCREW	M5 × 12mm	4

1. Gather **HARDWARE FOR STEP 2**.
2. Slide the **COMPUTER CABLE (44)** through the bottom of the **CONSOLE MAST COVER (31)** and then the bottom of the **CONSOLE MAST (2)**. Make sure the Console Mast Cover is correctly oriented (see illustration).
3. Install the **CONSOLE MAST (2)** into the receiving tube (**MAKE SURE NOT TO PINCH CABLE (44)**; **DAMAGE TO THE ELECTRONICS COULD OCCUR**) OF THE MAIN FRAME (1). Insert 2 **BOLTS (68)** and 2 **FLAT WASHERS (76)** on each side. Insert 2 **BOLTS (68)** and 2 **CURVED WASHERS (83)** on the front. Tighten all 6 bolts firmly with the **WRENCH (112)**.

Continued on next page...

4. Remove the white Styrofoam pad (factory installed to prevent bolts from being accidentally dropped into the Console Mast Tube).
5. Insert the **COMPUTER CABLE (44)** and **HAND PULSE CABLE (45)** into their respective connectors in the back of the **CONSOLE ASSEMBLY (19)**. Attach the console onto the mounting plate with 4 **PHILLIPS HEAD SCREWS (99)**. Tighten with the **PHILLIPS HEAD SCREW DRIVER (114)**. Attach the **HANDLE BAR ASSEMBLY (3)** onto the **CONSOLE MAST (2)** bracket with the 2 **BOLTS (68)**, 2 **SPLIT WASHERS (82)**, and 2 **FLAT WASHERS (76)**. Completely tighten with the **WRENCH (112)**.

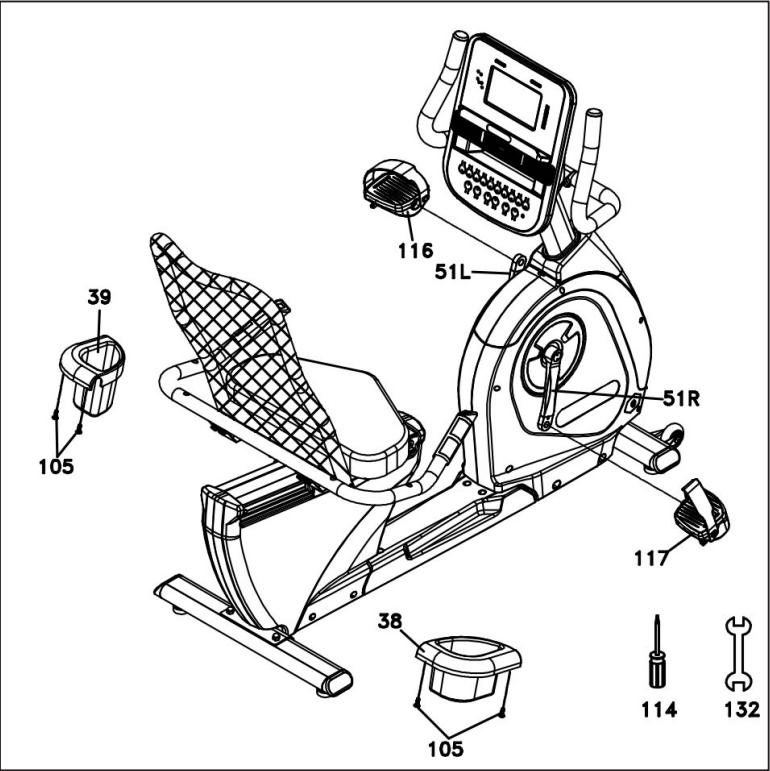
XBR25 STEP THREE



HARDWARE FOR STEP 3			
PART	TYPE	DESCRIPTION	QTY
71	BOLT	3/8" X 1-3/4"	4
77	FLAT WASHER	Ø3/8" X Ø19 X 1.5T	4
89	NYLOC NUT	3/8"X7T	4
98	PHILLIPS HEAD SCREW	M6X15MM	4

1. Gather **HARDWARE FOR STEP 3**.
2. Install the **SEAT (61)** on the **SEAT CARRIAGE (4)** with 4 **PHILLIPS HEAD SCREWS (98)**. Tighten with the **PHILLIPS HEAD SCREW DRIVER (114)**.
3. Attach the **SEAT HANDLE BAR (6)** to the **SEAT CARRIAGE (4)** with the 4 **BOLTS (71)**, 4 **FLAT WASHERS (77)**, and 4 **NYLOC NUTS (89)**. Tighten with the Wrenches provided (**112 & 132**).
4. Plug the **HAND PULSE SENSOR CABLES (27)** into the left side of the rear plastic cover.

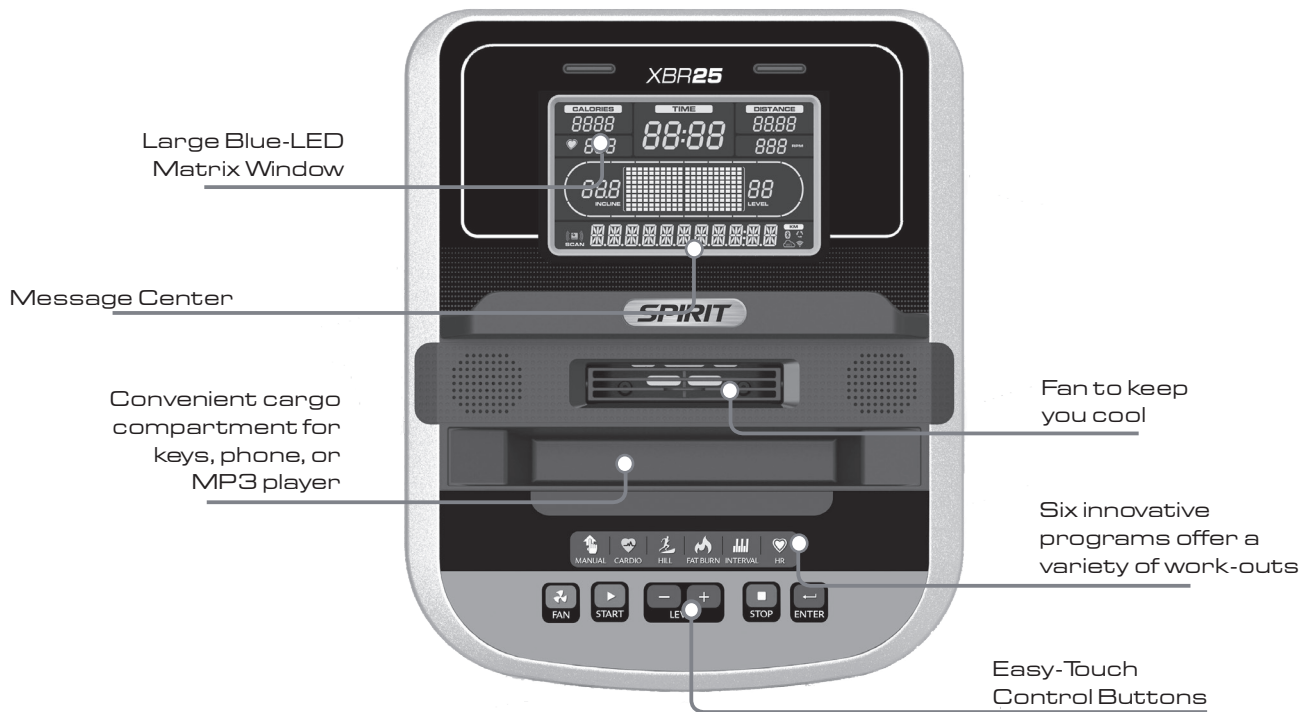
XBR25 STEP FOUR



HARDWARE FOR STEP 4			
PART	TYPE	DESCRIPTION	QTY
105	SHEET METAL SCREW	4 X 16MM	4

1. Gather **HARDWARE FOR STEP 4**.
2. Attach the **PEDALS (L, R)(116,117)** to the **Crank Arms (51L, 51R)**. Tighten with the **Wrench (132)**. Remember that the **LEFT PEDAL** has a reverse thread and will be threaded onto the Crank arm in a **COUNTERCLOCKWISE MOTION**. There is an "L" stamped in the end of the threaded post of the left pedal and an "R" in the right. Make sure to tighten the pedals as firmly as you can. It may be necessary to re-tighten the pedals if you feel a thumping while pedaling the bike. A thumping or clicking noise is usually caused by loose pedals.
3. Attach the **DRINK BOTTLE HOLDERS (L39 & R38)** to the sides of the **SEAT HANDLE BAR (6)** with 4 **SHEET METAL SCREWS (105)**. Tighten with the **PHILLIPS HEAD SCREW DRIVER (114)**.

XBR25 CONSOLE OPERATION



POWER

When the power cord is connected to the equipment, the console will automatically power up.

When initially powered on the console will perform an internal self-test. During this time all the lights will turn on. When the lights go off, the Message Center will show the software version (i.e.: VER 1.0). The distance window shows the distance in miles and the time window shows the total hours of use.

The odometer will remain displayed for only a few seconds then the console will go to the start up display. The dot matrix display will be scrolling through the different profiles of the programs and the Message Center will be scrolling the start up message. You may now begin to use the console.

Dot Matrix Center Display

Twenty columns of boxes (10 high) indicate each segment of a workout. The boxes only show an approximate level (resistance) of effort. They do not necessarily indicate a specific value - only an approximate percent to compare levels of intensity. In Manual Operation the resistance dot matrix window will build a profile "picture" as values are changed during a workout.

Quick Start

This is the quickest way to start a workout. After the console powers up press the **Start** key to begin, this will initiate the Quick Start mode. In Quick Start the Time will count up from zero and the workload may be adjusted manually by pressing the **Level Up/Down buttons**. The dot matrix display will have only the bottom row lit at first. As you increase the work load more rows will light indicating a harder workout. The fitness bike will get harder to pedal as the rows increase.

There are 20 levels of resistance available for plenty of variety. The first 5 levels are very easy workloads and the changes between levels are set to a good progression for de-conditioned users. Levels 6-10 are more challenging, but the increases in resistance from one level to the next remain small. Levels 11-15 start getting tough as the levels jump more dramatically. Levels 16-20 are extremely hard and are good for short interval peaks and elite athletic training.

Basic Information

The **Message Center** will initially be displaying the Program name. When in scan mode during a program, speed will be displayed for four seconds, then move on and display Watts (indication of workload). If 100 watts is displayed, you are doing enough work to keep a 100-watt light bulb lit. The data changes to Laps completed, Segment time, Max level. Pressing the **Enter** button again will bring you back to the beginning.

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 the console will display your Workout Summary (Total time, Avg. Speed, Avg. Watts, Avg. HR, total Laps). If the **Stop** key is held down for 3 seconds or a third time during the program, the console will perform a complete **Reset**. During data entry for a program the Stop key performs a previous screen or segment function. This allows you to go back to change programming data.

Program Keys

The Program Keys are used to preview each program. When you first turn the console on you may press each program key to preview what the program profile looks like. If you decide that you want to try a program, press the corresponding program key and then press the **Enter** key to select the program and enter into the data-setting mode.

The fitness bike has a built in heart rate monitoring system. Simply grasping the hand pulse sensors on the stationary handle bars or wearing the heart rate transmitter (see Using Heart Rate Transmitter section) will start the Heart Icon blinking (this may take a few seconds). The Pulse Display Window will display your heart rate, or Pulse in beats per minute.

The console includes a built-in fan to help keep you cool. To turn the fan on, press the button on the left side of the console

Programming The Console

Each of the programs can be customized with your personal information and changed to suit your needs. Some of the information asked for is necessary to ensure the readouts are correct. You will be

asked for your Age and Weight. Entering your Age is necessary during the Heart Rate programs to ensure the correct settings are in the program for your Age. Otherwise the work settings could be too high or low for you. 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.

CALORIE NOTE: 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 is in a clinical setting connected to a host of machines. This is because every person is different and burns calories at a different rate. Some good news is that you will continue to burn calories at an accelerated rate for at least an hour after you have finished exercising!

Entering A Program & Changing Settings

When you enter a program, by pressing a program key, then Enter key, you have the option of entering your own personal 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 Message Center. If you start a program without changing the settings, the default or saved settings will be used.

NOTE: Age and Weight default settings will change when you enter a new number. So the last Age and Weight entered will be saved as the new default settings. If you enter your Age and Weight the first time you use the fitness bike, you will not have to enter it every time you work out unless either your Age or Weight changes or someone else enters a different Age and Weight.

Programmable Features

MANUAL

The Manual program works as the name implies, manually. This means that you control the workload and not the computer. To start the Manual program, follow the instructions below or just press the **Manual** button, then the **Enter** button and follow the directions in the Message Center:

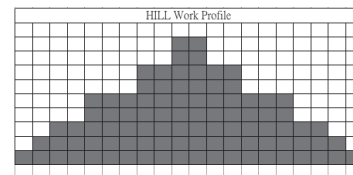
1. Press the **Manual** key, then press the **Enter** key.
2. The Message Center will ask you to enter your **Age**. You may enter your age, using the **Level Up/Down keys**, then press the **Enter** key to accept the new value and proceed on to the next screen.
3. You are now asked to enter your **Weight**. You may adjust the Weight value using the **Level Up/Down keys**, then press **Enter** to continue.
4. Next is **Time**. You may adjust the **Time** and press **Enter** to continue.
5. 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.
6. Once the program starts you will be at 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 Up key**; the **Level Down key** will decrease the work-load.
7. During the Manual program you will be able to scroll through the data in the Message Center by pressing the **Enter** key.
8. When the program ends you may press **Start** to begin the same program again or **Stop** to exit the program or you can save the program you just completed as a custom user program by pressing a **User** key and following the instructions in the Message Center

Preset Programs

The Semi-Recumbent Bike has four different programs that have been designed for a variety of workouts. These four programs have factory preset work level profiles for achieving different goals.

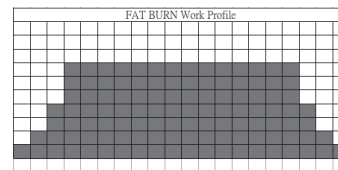
HILL

This program follows a triangle or pyramid type of gradual progression from approximately 10% of maximum effort (the level that you chose before starting this program) up to a maximum effort which lasts for 10% of the total workout time, then a gradual regression of resistance back to approximately 10% of maximum effort



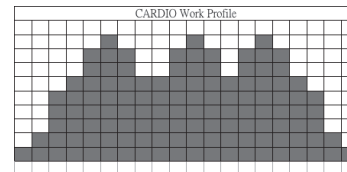
FAT BURN

This program follows a quick progression up to the maximum resistance level (default or user input level) that is sustained for 2/3 of the workout. This program will challenge your ability to sustain your energy output for an extended period of time.



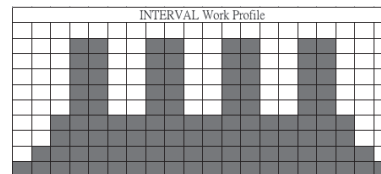
CARDIO

This program presents a quick progression up to near maximum resistance level (default or user input level). It has slight fluctuations up and down to allow your heart rate to elevate, and then recover repeatedly, before beginning a quick cool down. This will build up your heart muscle and increase blood flow and lung capacity



INTERVAL

This program takes you through high levels of intensity followed by recovery periods of low intensity. This program utilizes and develops your “Fast Twitch” muscle fibers which are used when performing tasks that are intense and short in duration. These deplete your oxygen level and spike your heart rate, followed by periods of recovery and heart rate drop to replenish oxygen. Your cardiovascular system gets programmed to use oxygen more efficiently.



Programming Preset Programs

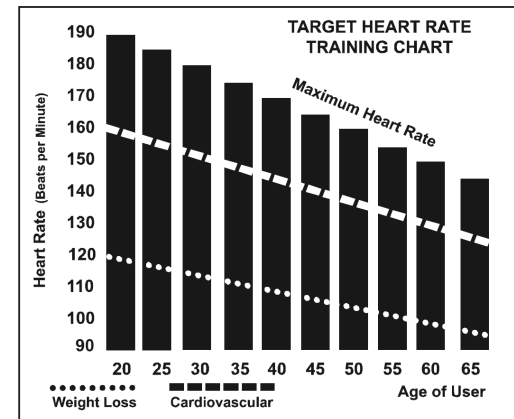
1. Select the desired program button then press the **Enter** key.
2. The **Message Center** will ask you to enter your **Age**. You may adjust the age setting, using the **Up** and **Down** keys, then press the **Enter** key to accept the new number and proceed on to the next screen.
3. You are now asked to enter your **Weight**. You may adjust the weight number using the **Up** and **Down** keys, then press **Enter** to continue.
4. Next is **Time**. You may adjust the **Time** and press **Enter** to continue.
5. Now you are asked to adjust the **Max Resistance Level**. This is the peak exertion level you will experience during the program (at the top of the hill). 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 to go back one level, or screen.
7. If you want to increase or decrease the workload at any time during the program press the **Up** or **Down** key. This will change the resistance settings of the entire profile, although the profile picture on the screen will not change. The reason for this is so that you can see the entire profile at all times. If the profile picture is changed, it also would be distorted and not a true representation of the actual profile. When you make a change to the resistance, the Message Center will show the current column and program maximum levels of work.
8. During the program you will be able to scroll through the data in the **Message Center** the message Center by pressing the **Enter** key.
9. When the program ends the **Message Center** 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

Heart Rate Programs

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 of your MHR. Your Heart rate training zone is 50% to 90% of your maximum heart rate. 60% of your MHR is the recommended for burning fat while 80% is recommended 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)
 $180 \times .6 = 108$ beats per minute (60% of maximum)
 $180 \times .8 = 144$ 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 Spirit Fitness Heart Rate programs 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:

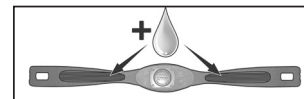
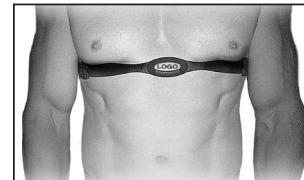
Rating Perception of Effort

6 Minimal	10 Very light +	14 Somewhat hard +	18 Very hard +
7 Very,very light	11 Fairly light	15 Hard	19 Very,very hard
8 Very,very light +	12 Comfortable	16 Hard +	20 Maximal
9 Very light	13 Somewhat hard	17 Very hard	

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 upon 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.

Wearing The Chest Strap

1. Attach the transmitter to the elastic strap using the interlocking key.
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 torso facing away from your chest (some people must position the transmitter slightly left of center). Attach the final end 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 directly 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.
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 directly on bare skin assures you of proper operation. If you wish, you may wear the transmitter over a shirt. To do so, wet the areas of the shirt that the electrodes will rest upon.



Note: 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 battery life is 2500 hours). The replacement battery is Panasonic CR2032.

Erratic Operation

Caution! Do not use this Semi-Recumbent Bike for Heart Rate programs 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:

1. Microwave ovens, TV's, small appliances, etc.
2. Fluorescent lights.
3. Some household security systems.
4. Perimeter fence for a pet.
5. 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 Spirit Fitness logo is right side up.
6. 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.
7. Another Individual wearing a transmitter within 3' of your machine's console.

If you continue to experience problems contact your dealer.

Heart Rate Program Operation

Note: You must wear a heart rate transmitter strap (sold separately) for this program.

The Heart Rate program default setting is 60% of your projected maximum heart rate. The 60-80% range is more conducive for fat loss goals and 81-100% ranges are generally used for cardiovascular conditioning goals and high intensity interval training.

To start the program follow the instructions below or just press the HR key, then press the Enter button and follow the directions in the Message Center.

After selecting your heart rate target, the program will attempt to keep you at or within 3-5 heart beats per minute of this value. Follow the prompts in the Message Center to maintain your selected heart rate value.

1. Press the HR 1 or HR 2 key then press the **Enter** key.
2. The Message Center will ask you to enter your **Age**. You may enter your age, using the **Level Up/Down keys**, then press the **Enter** key to accept the new value and proceed on to the next screen.
3. You are now asked to enter your **Weight**. You may adjust the weight value using the **Level Up/Down keys**, then press **Enter** to continue.
4. Next is **Time**. You may adjust the time and press **Enter** to continue.
5. Now you are asked to adjust the Heart Rate Target. This is the heart rate level you will strive to maintain during the program. Adjust the level using the **Level Up/Down keys**, then press **Enter**. *Note: The heart rate that appears is based on the % you accepted in Step 1. If you change this number it will either increase or decrease the % from Step 1.*
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.
7. If you want to increase or decrease the workload at any time during the program press the **Level Up/Down key**. This will allow you to change your target heart rate at any time during the program.
8. During the HR program you will be able to scroll through the data in the Message Center by pressing the **Enter** key.
9. When the program ends you may press **Start** to begin the same program again or **Stop** to exit the program.

GENERAL MAINTENANCE

1. Wipe down all areas in the sweat path with a damp cloth after each workout.
2. If a squeak, thump, clicking or rough feeling develops the main cause is most likely one of two reasons:
 - I. 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. This point cannot be stressed enough; 90% of calls to the service department for noise issues can be traced to loose hardware.
 - II. The crank arm nut needs to be retightened
 - III. If squeaks or other noises persist, check that the unit is properly leveled. There are 2 leveling pads on the bottom of the rear stabilizer; use a 14mm wrench (or adjustable wrench) to adjust the levelers.

Engineering Mode Menu

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 Engineering Mode Menu, press and hold down the **Start**, **Stop** and **Enter** keys. Keep holding the keys down for about 5 seconds and the Message Center will display Engineering Mode Menu. Press the **Enter** key to access the menu below:

1. Key Test (Will allow you to test all the keys to make sure they are functioning)
2. LCD Test (Tests all the display functions)
3. Functions (Press **Enter** to access settings and **Up** arrow to scroll)
 - I. Display Mode (Turn off to have the console power down automatically after 20 minutes of inactivity)
 - II. Pause Mode (Turn on allow 5 minutes of pause, turn off to have the console pause indefinitely)
 - III. ODO Reset (Resets the odometer)
 - IV. Units (Sets the display to readout in English or Metric display measurements)
 - V. Beep (Turns off the speaker so no beeping sound is heard)
 - VI. Motor Test
 - VII. Safety
 - VIII. Security (Allows the keypad to be locked to prevent unauthorized use)

Semi-Recumbent Bike Warranty - Effective May 4, 2018

Spirit Fitness, Inc. (Spirit Fitness) warrants all its fitness bike parts for a period of time listed below from the date of retail sale, as determined by sale receipt, or in the absence of a sales receipt eighteen (18) months from the original factory shipping date. Spirit Fitness' responsibilities include providing new or remanufactured parts, at Spirit Fitness' 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 Spirit Fitness directly to a consumer. The warranty period applies to the following components:

Warranty	Frame	Brake	Parts	Labor
Residential	Lifetime	Lifetime	5Years	1 Year

NORMAL RESPONSIBILITIES OF THE CONSUMER

This warranty applies only to products in ordinary household use, 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 manufacturer'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.
5. 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:

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 states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you.

1. 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.
2. Damages caused by services performed by persons other than authorized Spirit Fitness service companies; use of parts other than original Spirit Fitness 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.
3. Products with original serial numbers that have been removed or altered.

4. Products that have been: sold, transferred, bartered, or given to a third party.
5. Products that do not have a warranty registration card on file at Spirit Fitness. Spirit Fitness reserves the right to request proof of purchase if no warranty record exists for the product.
6. 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.
7. Product use in any environment other than a residential setting.
8. Warranties outside of North America may vary. Please contact your local dealer for details.

SERVICE

Keep your bill of sale. Twelve (12) months from the date on the bill of sale or eighteen (18) months from the date of factory shipping as determined by the serial number establishes the labor warranty period should service be required. 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 from state to state. Service under this warranty must be obtained by following these steps, in order:

1. Contact your selling authorized Spirit Fitness dealer. OR
2. Contact your local authorized Spirit Fitness service organization.
3. If there is a question as to where to obtain service, contact our service department at (870) 935-1107.
4. Spirit Fitness' obligation under this warranty is limited to repairing or replacing, at Spirit Fitness' option, the product through one of our authorized service centers. All repairs must be preauthorized by Spirit Fitness. If the product is shipped to a service center freight charges to and from the service center will be the customer's responsibility. For replacement parts shipped while the product is under warranty, the customer will be responsible for shipping and handling charges. For in-home service, the customer will be responsible for a trip charge. There will be an additional trip charge if the customer is located over 100 miles from the nearest service center.
5. The owner is responsible for adequate packaging upon return to Spirit Fitness. Spirit Fitness is not responsible for damages in 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.
6. For any further information, or to contact our service department by mail, send your correspondence to:

Spirit Fitness, Inc.
P.O. Box 2037
Jonesboro, AR 72402-2037

Product features or specifications as described or illustrated are subject to change without notice. All warranties are made by Spirit Fitness, Inc. This warranty applies only in the 48 contiguous United States. NOTE: This does not apply to Alaska or Hawaii.

NOTES



800.258.4555
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www.spiritfitness.com



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3000 Nestle Road
Jonesboro, AR 72401

SPIRIT

XBR25 Owners Manual
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Revision: 05.04.2018