

SOLE

FITNESS



Climber Trainer

Model: 16808652000
OWNER'S MANUAL

**PLEASE CAREFULLY READ THIS ENTIRE MANUAL BEFORE
OPERATING YOUR NEW CLIMBER!**

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ATTENTION

THIS FITNESS CLIMBER IS INTENDED FOR **RESIDENTIAL USE ONLY** AND IS WARRANTED FOR THE APPLICATION. ANY OTHER APPLICATION **VOIDS** THIS WARRANTY IN ITS ENTIRETY.

SOLE

FITNESS

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

Thank you for your purchase of this quality Sole climber from Dyaco Canada Inc. Your new climber 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 climber.

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 appliance.

DANGER - To reduce the risk of electric shock disconnect your SOLE climber from the electrical outlet prior to cleaning and/or service work.

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

DO NOT USE AN EXTENSION CORD UNLESS IT IS A 14AWG OR BETTER.

- Do not operate climber on deeply padded, plush or shag carpet. Damage to both carpet and climber 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 climber if it has a damaged cord or plug. If the climber is not working properly, call your dealer.
- Keep the cord away from heated surfaces.
- Do not operate where aerosol spray products are being used or where oxygen is being administered. Sparks from the motor may ignite a highly gaseous environment.
- Never drop or insert any object into any openings.
- Do not use outdoors.
- To disconnect, turn all controls to the off position and then remove the plug from the outlet.
- Do not attempt to use your climber 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 climber. Quality athletic shoes are recommended to avoid leg fatigue.
- This appliance 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 appliance by a person responsible for their safety.

SAVE THESE INSTRUCTIONS - THINK SAFETY!

IMPORTANT ELECTRICAL INSTRUCTIONS

WARNING!

NEVER remove any cover without first disconnecting AC power.

If voltage varies by ten percent (10%) or more, the performance of your fitness climber 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 fitness climber 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).

IMPORTANT OPERATION INSTRUCTIONS

- **NEVER** operate this climber 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 climber during an electrical storm. Surges may occur in your household power supply that could damage climber components. Unplug the climber during an electrical storm as a precaution.
- Use caution while participating in other activities while using your climber; such as watching television, reading, etc. These distractions may cause you to lose balance; which may result in serious injury.
- Always hold on to a handle bar while making control changes.
- 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.

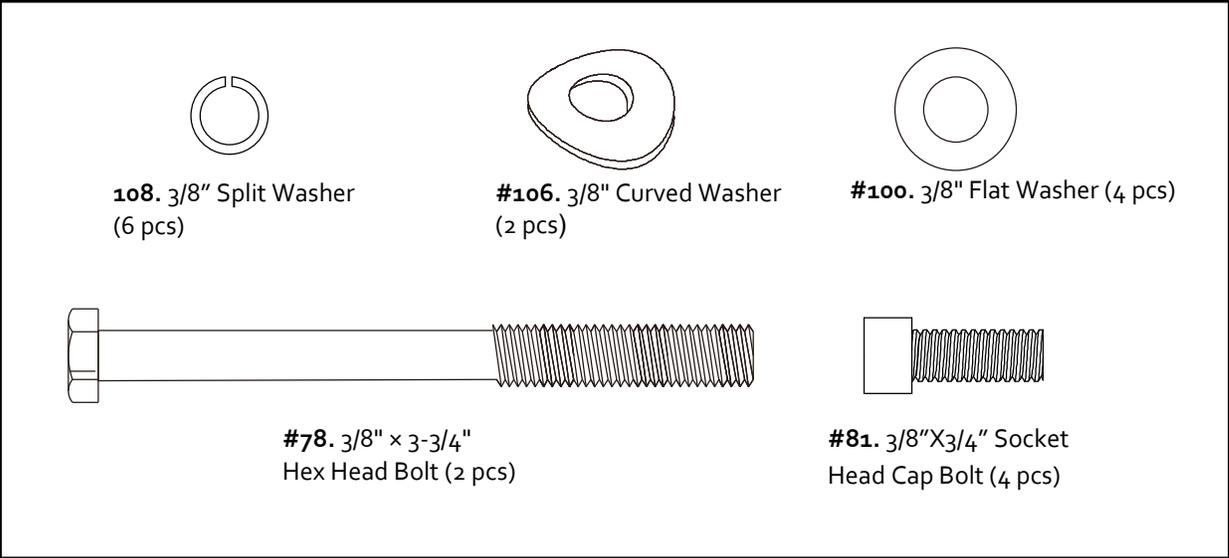


AC Power Connector Location

SC200 ASSEMBLY PACK CHECKLIST

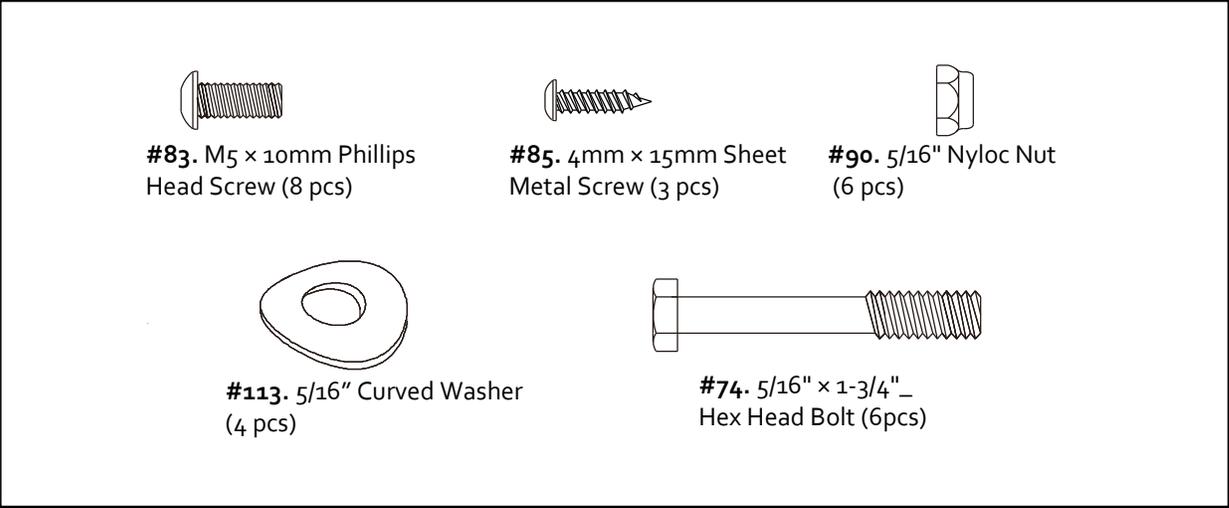
1

HARDWARE STEP 1

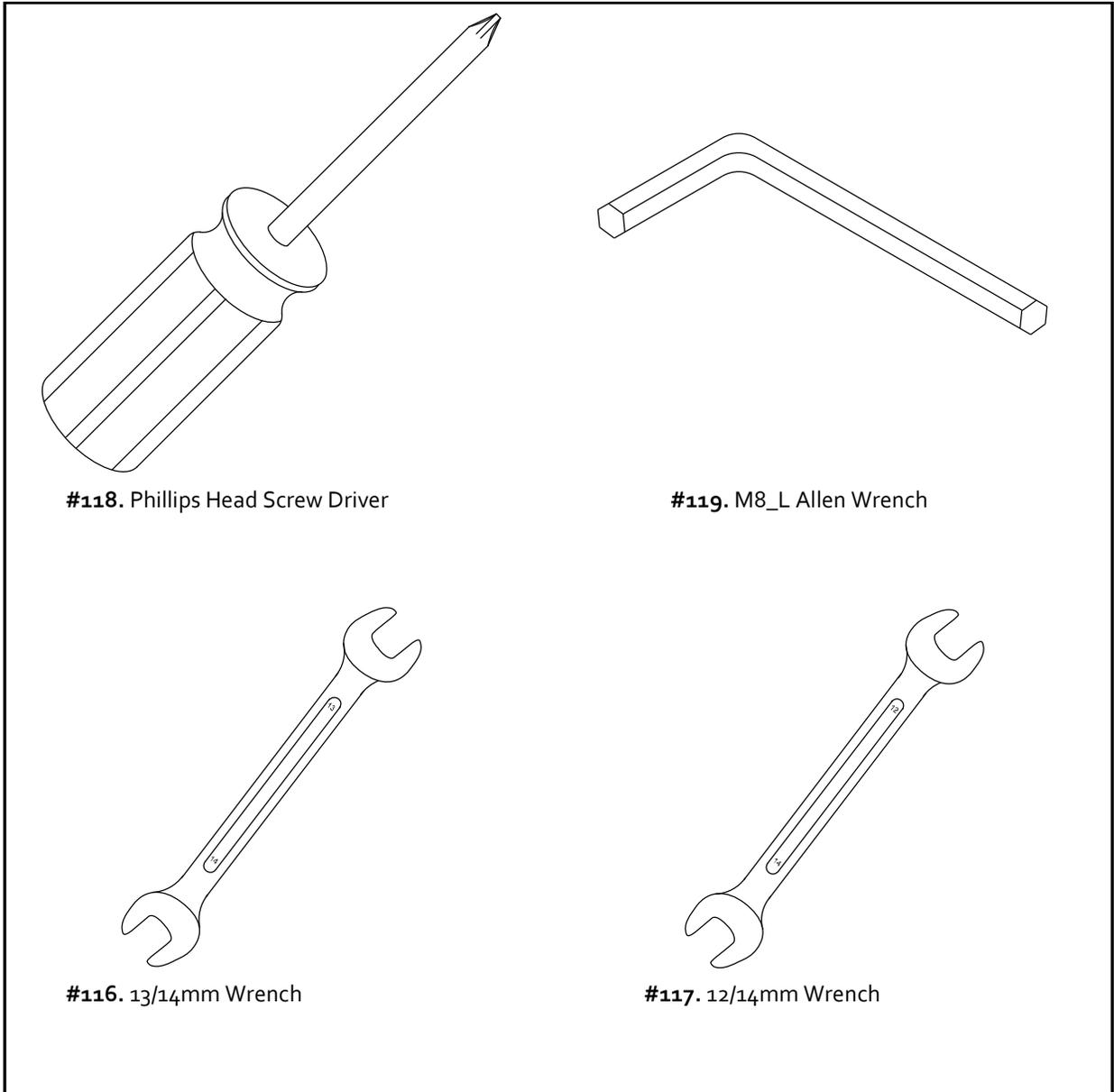


2

HARDWARE STEP 2



ASSEMBLY TOOLS

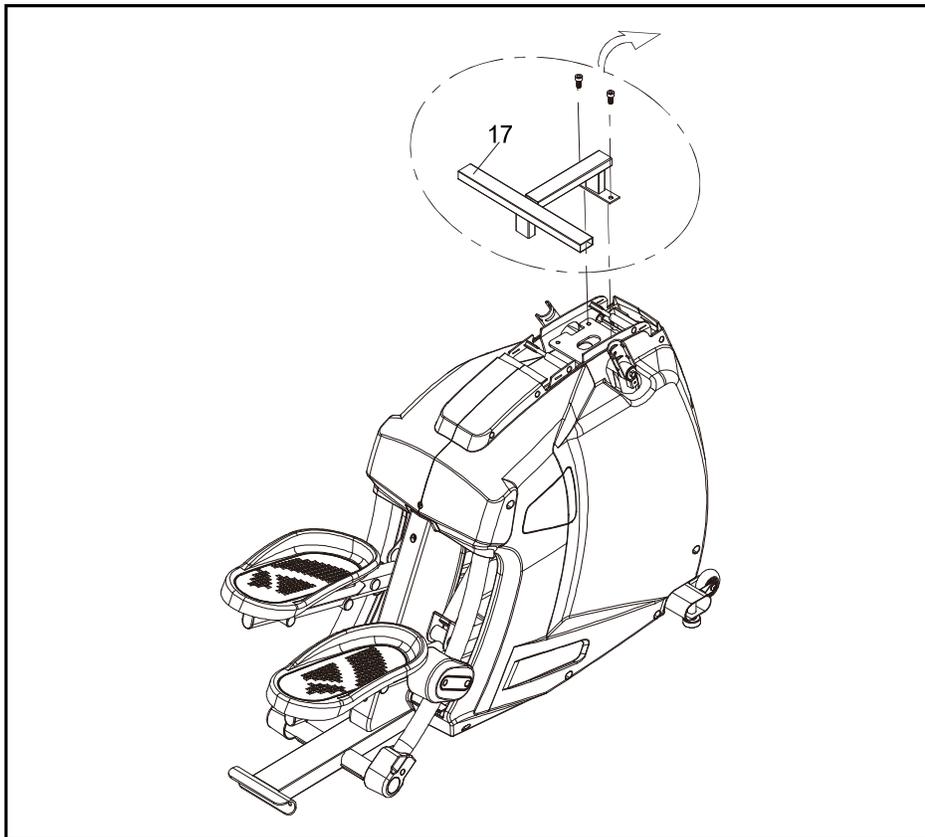


SC200 ASSEMBLY INSTRUCTIONS

PRE-ASSEMBLY

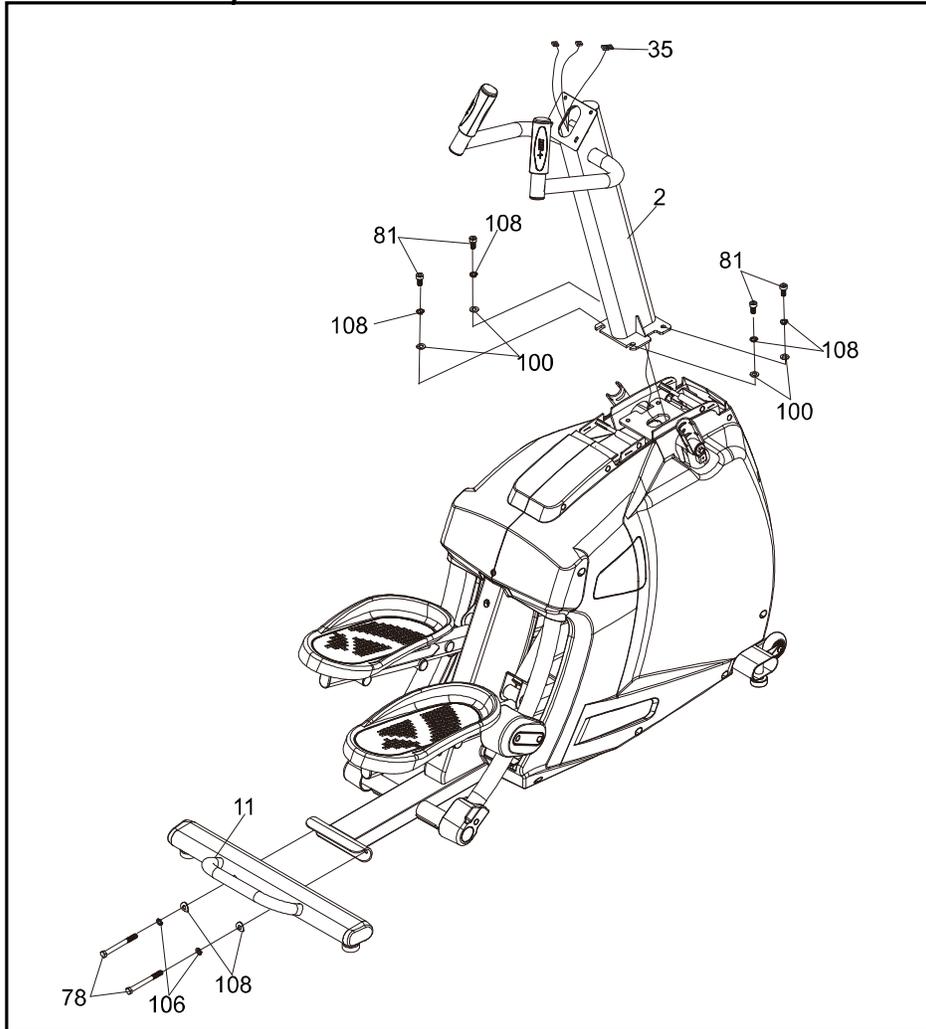
1. Using a razor knife (Box Cutter) cut the outside, bottom, edge of box along the dotted Line. Lift Box over the unit and unpack.
2. Carefully remove all parts from carton and inspect for any damage or missing parts. If damaged parts are found, or parts are missing, contact your dealer immediately.
3. 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.

REMOVE SHIPPING STABILIZER



1. Use the Allen Wrench (**119**) to remove the two Bolts and discard the shipping stabilizer.

1 STABILIZER/CONSOLE MAST



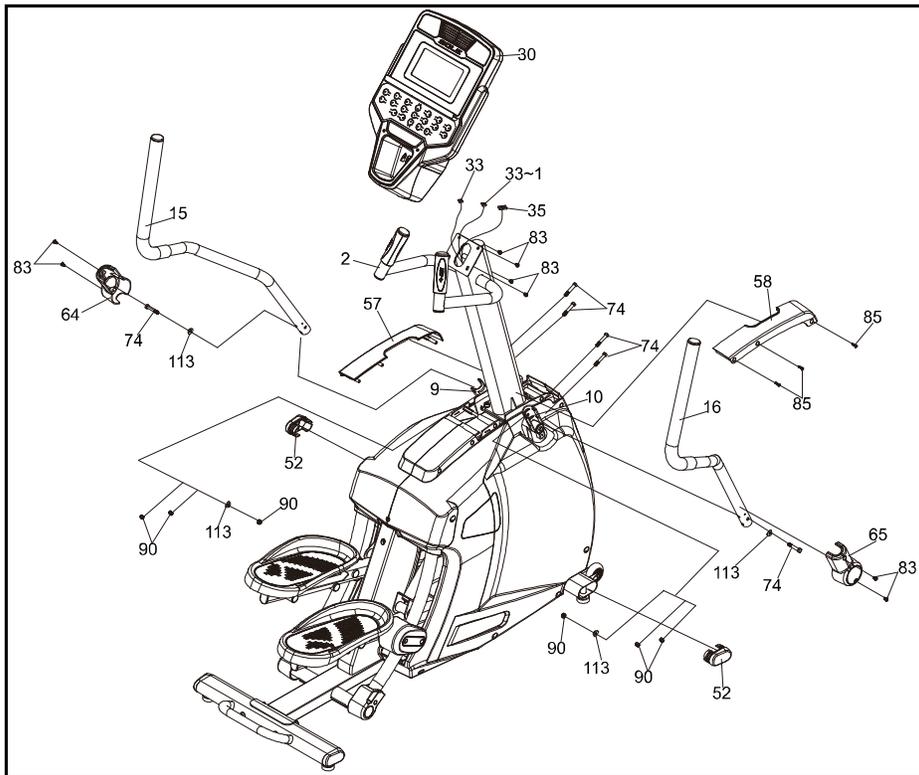
HARDWARE STEP 1

- 108.** 3/8" Split Washer (6 pcs)
- #106.** 3/8" Curved Washer (2 pcs)
- #100.** 3/8" Flat Washer (4 pcs)
- #78.** 3/8" x 3-3/4" Hex Head Bolt (2 pcs)
- #81.** 3/8"X3/4" Socket Head Cap Bolt (4 pcs)

1. Attach Rear Stabilizer (**11**) to the mounting plate on the main frame and secure with two 3/8" x 3-3/4" Hex Head Bolts (**78**), 3/8" Split Washers (**108**) and 3/8" Curved Washers (**106**) by using the 13/14mm Wrench (**116**).
2. Run the computer cable (**35**) from the main body through the console mast tube (**2**). There is a long tie-wrap that is pre-installed in the console mast tube. Tie the end of the computer cable to the tie-wrap at the bottom of the tube and then use the other end of the tie-wrap to pull the computer cable through the tube. Bolt the console mast tube onto the main body with the four 3/8" x 3/4" Bolts (**81**), Split Washers (**108**) and Flat Washers (**100**).

2 SWING ARMS/COVERS

HARDWARE STEP 2



- #83. M5 × 10mm
Phillips Head Screw
(8 pcs)
- #85. 4MM × 15MM
Sheet Metal Screw
(3 pcs)
- #90. 5/16" Nyloc Nut
(6 pcs)
- #113. 5/16" Curved
Washer (4 pcs)
- #74. 5/16" × 1-3/4" _
Hex Head Bolt (6pcs)

1. Match Left Console Mast Cover (57) with Right Console Mast Cover (58) on top of left and right Main Covers and around the Console Mast. Secure with three 4mm × 15mm Sheet Metal Screws (85) by using Phillips Head Screwdriver (118).
2. Attach Left Swing Arm (15) to the mounting plates on Left Lower Swing Arms (9) and secure with three 5/16" × 1-3/4" Hex Head Bolts (74), two 5/16" Curved Washers (113) and three 5/16" Nyloc Nuts (90) by using the 12/14mm Wrench (117) and 13/14mm Wrench (116). Repeat for the right side.
3. Install Left Swing Arm Cover (64) on Left Lower Swing Arm and secure with two M5 × 10mm Phillips Head Screws (83). Repeat for the right side cover.
4. Take off the tie from Computer Cable (35) and plug in onto the Console (30) along with the two Hand pulse cables (33). Place the Console on the mounting plate and secure with four M5 × 10mm Phillips Head Screws (83).
5. Push in the two Oval End Caps (52) on both ends of the Front Stabilizer.

OPERATION OF YOUR FITNESS CLIMBER

GETTING FAMILIAR WITH THE CONTROL PANEL

SC200 CONSOLE



POWER UP

When power is connected to the climber the console will automatically power up. These models are powered by an external adapter that provides AC power to the unit. The cord plugs into the unit on the left side near the front (See page 5 for location).

When it is first powered on the console will perform an internal self-test. During this time all the lights will turn on, the Message Window will show a software version (i.e.: VER 1.0), and the TOTAL STEPS Window will display how many total steps the climber has been used. The Time Window shows how many total hours the climber has been used.

The odometer and time will remain displayed for only a few seconds then the console will go to the startup display. The dot matrix display will be scrolling through the different workout profiles and the **Message Window** will be scrolling the start-up message. You may now begin to use the console.

CONSOLE OPERATION

QUICK START

This is the quickest way to start a workout. After the console powers up you just 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/resistance may be adjusted manually by pressing the **Level** / **Level** buttons. The dot matrix display will be showing a track with a blinking dot indicating your progress as it travels around the track. Each segment of the track equates to one Floor climbed. Each floor is comprised of 16 steps.



BASIC INFORMATION

The **Message Window** will initially display **Segment Time** (time remaining in the current profile segment). Each time the **Display** button is pressed the next set of information will appear. The order of information displayed will be: Floors, FPM (Floors per Minute), **Level** (resistance level) and **Data Scan** mode. In **Data Scan** mode, the displayed information will change every 4 seconds in the **Message Window**.

The fitness climber has a built in heart rate monitoring system; simply grasping the **Contact Heart Rate Sensors** on the handle bars or wearing the optional chest strap transmitter will start the heart Icon 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 optional chest strap is a more accurate and reliable method of heart rate reading. The hand pulse sensors are subject to inaccurate 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/Reset** key is held down for 3 seconds the console will perform a complete **Reset**. During data entry for a program the **Stop/Reset** 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** (🎵) 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 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

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.

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 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.

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 dot matrix window. Press the **Enter** key to select a program and begin customizing the settings. If you want to work out 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 Window**. If you start a program without changing the settings, the default 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 Age and Weight the first time you use the fitness climber 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.

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 then press the **Enter** key.
2. The **Message Window** will ask you to enter your **Age**. You may adjust the age setting using the **Level /** 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 your weight setting using the **Level /** keys, then press **Enter** to continue.
4. Next is the **Time**. You may adjust the length of **Time** by pressing the **Level /** keys, then 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 **Stop** key to go back one level of the programming screen.
6. Once the program starts the fitness climber 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 workload at any time press the **Level** key; the **Level** key will decrease the workload.
7. During the Manual program you will be able to scroll through the data in the **Message Window** by pressing the **Display** key.
8. When the program ends the **Message 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.

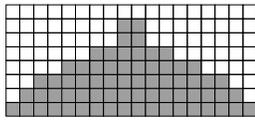
PRESET PROGRAMS

The fitness climber 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.

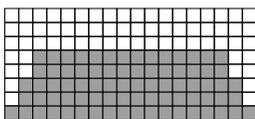
SC200 WORK



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.

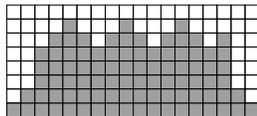
SC200 WORK



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.

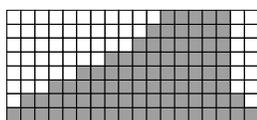
SC200 WORK



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).

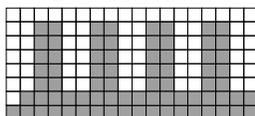
SC200 WORK



Interval

The **Interval** 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.

SC200 WORK



PROGRAMMING PRESET BUTTONS

1. Press the desired program button then press the **Enter** key.
2. The **Message Window** will ask you to enter your **Age**. You may adjust the age setting, using the **Level** / 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 **Level** / 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 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.
7. During the program you will be able to scroll through the data in the **Message Window** by pressing the **Display** key.
8. When the program ends the **Message 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 **User** program (**User 1** or **User 2**) then press **Enter**. If you have already saved a program to either **User 1** or **User 2**, it will be displayed and you are ready to begin. If not, you will have the option of inputting a username. In the **Message Window**, the letter "A" will be blinking. Use the **Level** buttons to select the appropriate first letter of your name (pressing the Up 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 **Message 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.
4. You are now asked to enter your **Weight**. You may adjust the weight number using the **Level** / keys, then press **Enter** to continue.
5. 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. The **Message 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 start-up screen.
8. If you want to increase or decrease the workload at any time during the program press the **Level** / key. This will only affect the **Level** for the present column in the profile. When the profile changes to the next column it will return to the preset work level.
9. During the **User 1** or **User 2** program you will be able to scroll through the data in the **Message Window** by pressing the **Display** key.
10. When the program ends the Message 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.

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:

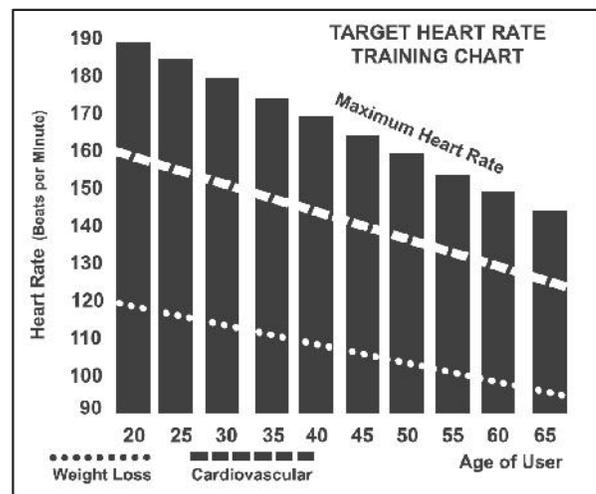
$$220 - 40 = 180 \text{ (maximum heart rate)}$$
$$180 \times .6 = 108 \text{ beats per minute}$$

(60% of maximum)

$$180 \times .8 = 144 \text{ beats per minute}$$

(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 control 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.

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.

HEART RATE CONTROL PROGRAM OPERATION

Both programs operate the same, the only difference is that **HR1** is set to 60% and **HR2** is set to 80% of the maximum heart rate. They both are programmed the same way.

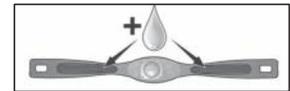
To start an **HRC** program follow the instructions below or just select the **HR1** or **HR2** program, then he **Enter** button and follow the directions in the **Message Window**.

1. Press the **HR1** or **HR2** key then press the **Enter** key.
2. The **Message Window** will ask you to enter your **Age**. You may enter your **Age**, using the / 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 / 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 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**.
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 2.
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 Data you can press the **Stop** 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 Level / key. This will allow you to change your target heart rate at any time during the program.
8. During the **HR1** or **HR2** programs you will be able to scroll through the data in the **Message Window** by pressing the adjacent **Display** key.
9. When the program ends you may press **Start** to begin the same program again or **Stop** to exit the program.

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 SOLE 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 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 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.



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

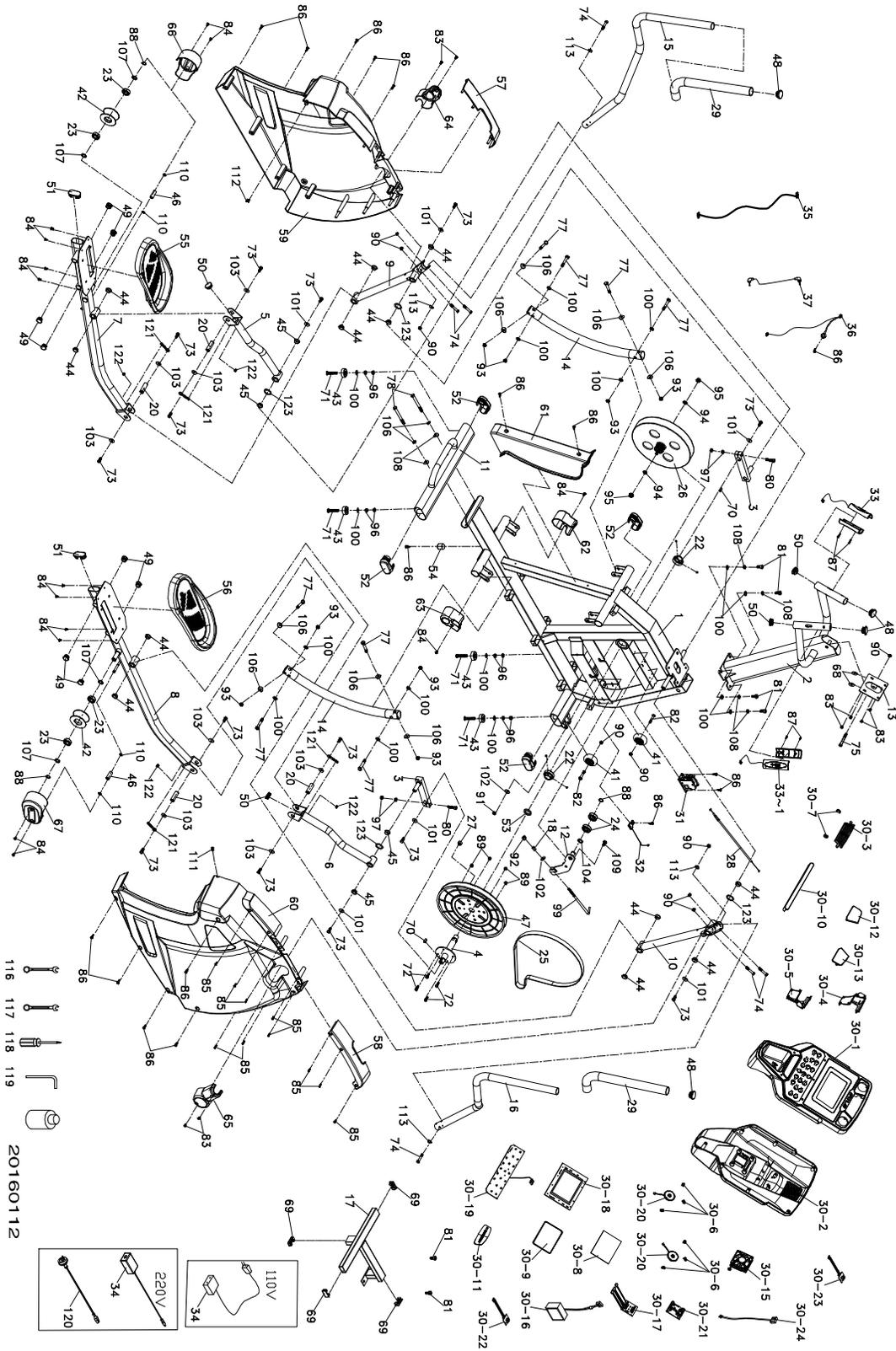
Caution! Do not use this stepper for Heart Rate unless a steady, solid Actual Heart Rate value is being displayed. High, wild, random numbers being displayed indicate a problem.

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 SOLE 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.

EXPLODED VIEW DIAGRAM



PARTS LIST

Key	Part	Part Description	Q'ty
1	6520001	Main Frame	1
2	6520002	Console Mast	1
3	6520003	Crank Arm	2
4	6520004	Crank Axle	1
5	6520005	Linked Assembly(L)	1
6	6520006	Linked Assembly(R)	1
7	6520007	Connecting Arm (L)	1
8	6520008	Connecting Arm (R)	1
9	6520009	Lower Swing Arm (L)	1
10	6520010	Lower Swing Arm (R)	1
11	6520011	Rear Stabilizer with handle	1
12	6520012	Idler Wheel Assembly	1
13	6520013	Console Holder Assembly	1
14	6520014	Curved Rail Tube	2
15	6520015	Left Swing Arm	1
16	6520016	Right Swing Arm	1
17	6520017	Shipping Stabilizer	1
18	6520018	Rod End Sleeve	1
20	6520020	Rod End Shaft	4
22	6520022	6005-2RS/B10+2M5_Bearing	2
23	6520023	6003_Bearing	4
24	6520024	6203_Bearing	2
25	6520025	Drive Belt	1
26	6520026	Flywheel	1
27	6520027	Magnet	1
28	6520028	Steel Cable	1
29	6520029	Handgrip Foam	2
30	6520030	Console Assembly	1
30~1	6520030-1	Console Top Cover	1
30~2	6520030-2	Console Bottom Cover	1
30~3	6520030-3	Deflector Fan Grill	1
30~4	6520030-4	Wind Duct (L)	1
30~5	6520030-5	Wind Duct (R)	1
30~6	6520030-6	Speaker Grill Anchor	6
30~7	6520030-7	Fan Grill Anchor	2
30~8	6520030-8	Transparent Piece	1
30~9	6520030-9	Water-resist Rubber	1
30~10	6520030-10	Book Rack	1
30~11	6520030-11	Cover Plate	1
30~12	6520030-12	Speaker Iron Net (L)	1
30~13	6520030-13	Speaker Iron Net (R)	1
30~15	6520030-15	400m/m_Fan Assembly	1

Key	Part	Part Description	Q'ty
30~16	6520030-16	300m/m_W/Receiver, HR	1
30~17	6520030-17	Interface Board	1
30~18	6520030-18	Console Display Board	1
30~19	6520030-19	Key Board	1
30~20	6520030-20	250m/m_Speaker W/Cable	2
30~21	6520030-21	Amplifier Controller	1
30~22	6520030-22	300m/m_Sound Board(White)	1
30~23	6520030-23	300m/m_Sound Board(Red)	1
30~24	6520030-24	250m/m_Amplifier Cable	1
31	6520031	Gear Motor	1
32	6520032	300m/m_Reed Switch	1
33	6520033	850m/m_Handpulse Assembly(White)	1
33~1	6520033-1	850m/m_Handpulse Assembly(Red)	1
34	6520034	Power Adaptor	1
35	6520035	1450m/m_Computer Cable	1
36	6520036	850m/m_Power Cord	1
37	6520037	400m/m_Audio Cable	1
41	6520041	Ø65_Transportation Wheel	2
42	6520042	Ø72_Slide Wheel , Urethane	2
43	6520043	Ø35 × 10_Rubber Foot	4
44	6520044	J4FM-1719-09_Bushing	12
45	6520045	WFM-1719-12_Bushing	4
46	6520046	Ø15 × Ø8.6 × 38.5L_Sleeve	2
47	6520047	Ø330_Drive Pulley	1
48	6520048	Ø32(1.8T)_Button Head Plug	4
49	6520049	Ø25.4 × 2T_Round Cap	8
50	6520050	Ø32 × 1.8T_Round Cap	4
51	6520051	Ø30 × 60_Oval End Cap	2
52	6520052	Ø40 × Ø80_Oval End Cap	4
53	6520053	Spacer Bushing	1
54	6520054	Ø25 × 25_Rubber Foot Pad	1
55	6520055	Pedal (L)	1
56	6520056	Pedal (R)	1
57	6520057	Console Mast Cover (L)	1
58	6520058	Console Mast Cover (R)	1
59	6520059	Chain Cover (L)	1
60	6520060	Chain Cover (R)	1
61	6520061	Rear Shroud	1
62	6520062	Stabilizer Cover (L)	1
63	6520063	Stabilizer Cover (R)	1
64	6520064	Swing Arm Cover (L)	1
65	6520065	Swing Arm Cover (R)	1
66	6520066	Slide Wheel Cover (L)	1

Key	Part	Part Description	Q'ty
67	6520067	Slide Wheel Cover (R)	1
68	6520068	5/16" × 25 × 3T_Nylon Washer	2
69	6520069	Square End Cap	4
70	6520070	Woodruff Key	2
71	6520071	3/8" × 2" _Flat Head Socket Bolt	4
72	6520072	1/4" × UNC20 × 3/4" _Hex Head Bolt	4
73	6520073	5/16" × UNC18 × 3/4" _Hex Head Bolt	14
74	6520074	5/16" × 1-3/4" _Hex Head Bolt	6
75	6520075	5/16" × 2-1/2" _Hex Head Bolt	1
77	6520077	3/8" × 2-1/4" _Hex Head Bolt	8
78	6520078	3/8" × 3-3/4" _Hex Head Bolt	2
80	6520080	M8 × 35m/m _Socket Head Cap Bolt	2
81	6520081	3/8" × 3/4" _Socket Head Cap Bolt	6
82	6520082	5/16" × UNC18 × 1-3/4" _Button Head Socket Bolt	2
83	6520083	M5 × 10m/m _Phillips Head Screw	8
84	6520084	M5 × 10m/m _Phillips Head Screw	14
85	6520085	Ø4 × 15L_Sheet Metal Screw	10
86	6520086	5 × 19m/m _Tapping Screw	17
87	6520087	3 × 20m/m _Tapping Screw	4
88	6520088	Ø17_C Ring	3
89	6520089	1/4" × 8T_Nyloc Nut	4
90	6520090	5/16" × 7T_Nyloc Nut	9
91	6520091	M8 × 7T_Nyloc Nut	1
92	6520092	M8 × 9T_Nyloc Nut	1
93	6520093	3/8" × 7T_Nyloc Nut	8
94	6520094	3/8" × UNF26 × 4T_Luck Nut	2
95	6520095	3/8" × UNF26 × 11T_Nut	2
96	6520096	3/8" × 7T_Luck Nut	8
97	6520097	M8 × 6.3T_Luck Nut	4
99	6520099	M8 × 170m/m_J Bolt	1
100	65200100	Ø3/8" × Ø19 × 1.5T_Flat Washer	16
101	65200101	Ø8.5 × Ø26 × 2.0T_Flat Washer	6
102	65200102	Ø5/16" × Ø23 × 1.5T_Flat Washer	2
103	65200103	Ø5/16" × Ø23 × 3T_Flat Washer	8
104	65200104	Ø17 × Ø23.5 × 1.0T_Flat Washer	1
106	65200106	Ø3/8" × 23 × 2.0T_Curved Washer	10
107	65200107	Ø17_Wave Washer	4
108	65200108	3/8" Split Washer	6
109	65200109	M8 × 20m/m_Carriage Bolt	1
110	65200110	7 × 14 × 0.8T_E-Clip	4
111	65200111	5 × 16m/m_Tapping Screw	1
112	65200112	M5_Speed Nut Clip	1
113	65200113	5/16" Curved Washer	4

Key	Part	Part Description	Q'ty
116	65200116	13/14m/m_Wrench	1
117	65200117	12/14m/m_Wrench	1
118	65200118	Phillips Head Screwdriver	1
119	65200119	M8 L Allen Wrench	1
121	65200121	M6 × 45L_Eye Bolt	4
122	65200122	M6 × 6T_Nyloc Nut	4
123	65200123	Rubber Pad	4

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. Ninety percent 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.

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 the **Message Window** will display "Engineering mode". Press the **Enter** button to access the menu below. Press the **Level** / keys to navigate the menu.

- A. **Key Test**
- B. **Display Test**
- C. **Functions**
 - I. **ODO Reset** - Resets the odometer reading to zero
 - II. **Units** - Choose from English (Imperial) or Metric display readings
 - III. **Display Mode** - Turn off to have the console power down automatically after 30 minutes of inactivity
 - IV. **Motor Test** - Continually runs the tensioning gear motor
 - V. **Manual** - Allows stepping of the gear motor
 - VI. **Pause Mode** - Turn on to allow 5 minutes of pause, turn off to have console pause indefinitely
 - VII. **Key Tone** - Turn on or off the beep sound when a key is pressed
- D. **Security**
- E. **Factory Settings** - For Factory use only
- F. **Exit**

MANUFACTURER'S LIMITED WARRANTY

CLIMBER WARRANTY

Dyaco Canada Inc. warrants all its Sole climber 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:

Labour / Frame Weldments / Brake	1 Years / Lifetime / 3 Years
Cosmetic Items*	90 Days
All Other Components	3 Years

* Cosmetic items including, but not limited to the following: grips, console overlays, and labels/decals.

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 date of purchase.
2. Proper use of the climber in accordance with the instructions provided in this manual.
3. Proper installation in accordance with instructions provided with the climber 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 climber accessible for servicing, including any item that was not part of the climber at the time it was shipped from the factory.
6. Damages to the climber 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.
2. 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 climber not requiring component replacement, or climber not in ordinary household use.
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.
7. 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:

1. 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.
4. 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.
5. 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.



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