

SOLE

FITNESS



ELLIPTICAL

Model : 168173098
OWNER'S MANUAL

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

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FITNESS

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

Thank you for your purchase of this quality Sole elliptical from [Dyaco Canada Inc.](#) Your new elliptical 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 elliptical.

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 _____



IMPORTANT SAFETY INSTRUCTIONS

WARNING - Read all instructions before using this appliance.

DANGER - To reduce the risk of electric shock disconnect your elliptical 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 elliptical on a flat level surface with access to a 110-volt, 15-amp (220-volt, 10-amp) grounded outlet with only the elliptical plugged into the circuit.

DO NOT USE AN EXTENSION CORD UNLESS IT IS A 14AWG OR BETTER, WITH ONLY ONE OUTLET ON THE END: DO NOT ATTEMPT TO DISABLE THE GROUNDED PLUG BY USING IMPROPER ADAPTERS, OR IN ANY WAY MODIFY THE CORD SET.

A serious shock or fire hazard may result along with computer malfunctions. See Grounding Instructions, page 4

- Do not operate elliptical on deeply padded, plush or shag carpet. Damage to both carpet and elliptical may result.
- Keep children away from the elliptical. There are obvious pinch points and other caution areas that can cause harm.
- Keep hands away from all moving parts.
- Never operate the elliptical if it has a damaged cord or plug. If the elliptical 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 elliptical 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 elliptical. Quality athletic shoes are recommended to avoid leg fatigue.

SAVE THESE INSTRUCTIONS - THINK SAFETY!

IMPORTANT ELECTRICAL INSTRUCTIONS

WARNING!

NEVER remove any cover without first disconnecting AC power.

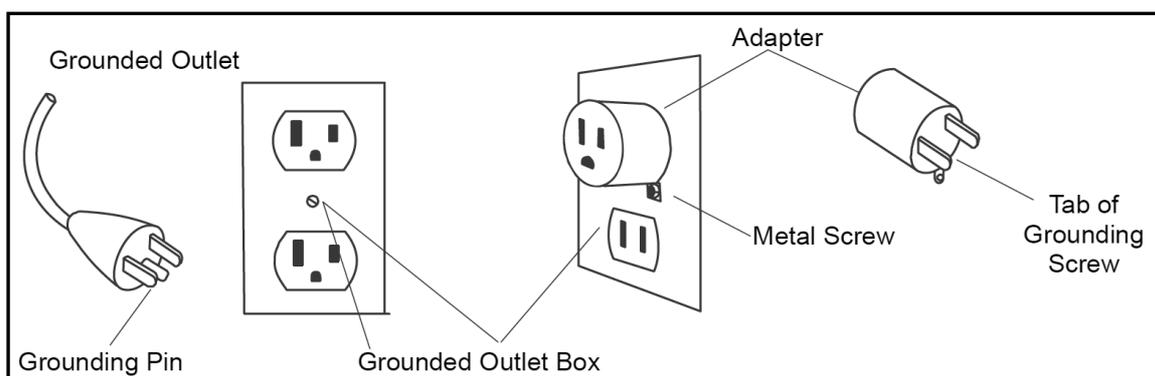
If voltage varies by ten percent (10%) or more, the performance of your elliptical may be affected. **Such conditions are not covered under your warranty.** If you suspect the voltage is low, contact your local power company or a licensed electrician for proper testing.

NEVER expose this elliptical 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).

GROUNDING INSTRUCTIONS

This product must be grounded. If the elliptical 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 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 elliptical without reading and completely understanding the results of any operational change you request from the computer.
- Understand that changes in resistance and incline 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 elliptical during an electrical storm. Surges may occur in your household power supply that could damage elliptical components. Unplug the elliptical during an electrical storm as a precaution.
- Use caution while participating in other activities while using your elliptical; 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 (incline, level, etc.).
- 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 dealer.



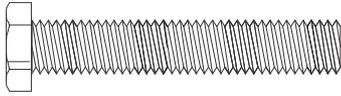
POWER CONNECTOR - FRONT, LEFT SIDE OF UNIT

TRANSPORT INSTRUCTIONS

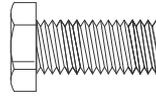
The elliptical is equipped with two transport wheels which are engaged when the rear of the elliptical is lifted.

ASSEMBLY PACK CHECKLIST

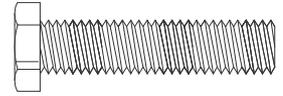
1 HARDWARE STEP 1



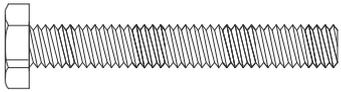
#115. 5/16" x 2-1/4"
Hex Head Bolt (4 pcs)



#116. 3/8" x 3/4"
Hex Head Bolt (2 pcs)



#117. 3/8" x 1-1/2"
Hex Head Bolt (2 pcs)



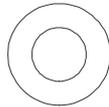
#118. 3/8" x 2-1/4"
Hex Head Bolt (1 pc)



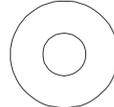
#128. M5 x 10mm Phillips
Head Screw (4 pcs)



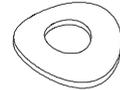
#145. 3/8" x 7T
Nyloc Nut (2 pcs)



#154. 5/16" x 20mm x 1.5T
Flat Washer (4 pcs)



#158. 3/8" x 19mm x 1.5T
Flat Washer (2 pcs)



#164. 3/8" x 23mm x 2T
Curved Washer (2 pcs)



#166. Ø5/16" x 1.5T
Split Washer (4 pcs)

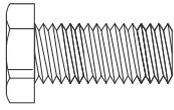


#167. Ø3/8" x 2T
Split Washer (1 pc)

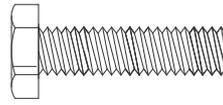


#168. Ø5/16"
Star Washer (4 pcs)

2 HARDWARE STEP 2



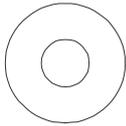
#114. 5/16" x 1-1/4"
Hex Head Bolt (2 pcs)



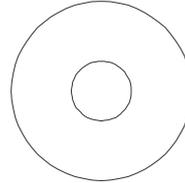
#116. 3/8" x 3/4"
Hex Head Bolt (2 pcs)



#143. 5/16" x 7T
Nyloc Nut (2 pcs)



#154. 5/16" x 20mm x 1.5T
Flat Washer (2 pcs)



#160. 3/8" x 30mm x 2T
Flat Washer (2 pcs)

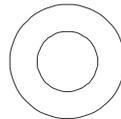


#163. Ø25mm
Wave Washer (4 pcs)

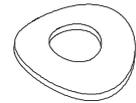
3 HARDWARE STEP 3



#145. 3/8" x 7T
Nyloc Nut (6 pcs)



#158. 3/8" x 19mm x 1.5T
Flat Washer (8 pcs)



#164. 3/8" x 23mm x 2T
Curved Washer (4 pcs)

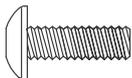


#189. Switch Wire Cap
(2 pcs)



#190. 3/8" x 2-1/4"
Hex Head Bolt (6 pcs)

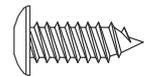
4 HARDWARE STEP 4



#129. M5 x 15mm
Phillips Head Screw (29 pcs)

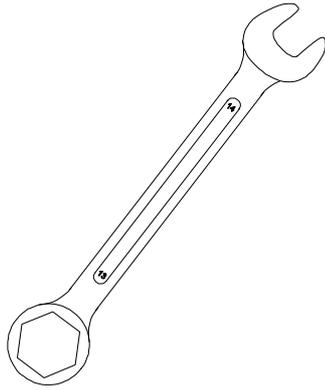


#131. M6 x 10mm
Phillips Head Screw (4 pcs)

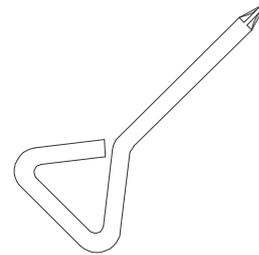


#132. Ø3.5mm x 12mm
Sheet Metal Screw (18 pcs)

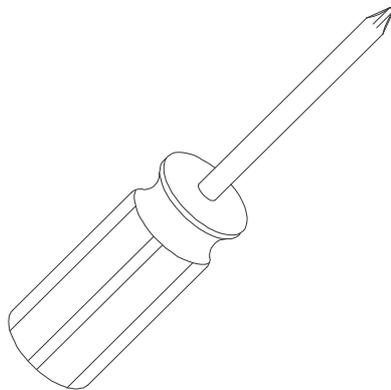
ASSEMBLY TOOLS



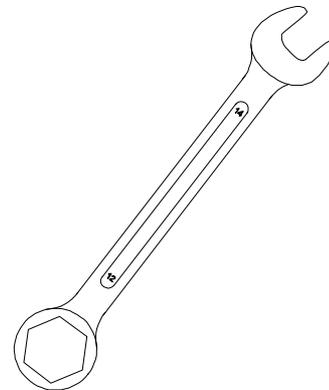
#169. 13/14mm Wrench (160mm)



#170. Short Phillips Head Screwdriver



#171. Phillips Head Screwdriver



#172. 12/14mm Wrench (160mm)

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.

ASSEMBLY INSTRUCTIONS

1 INCLINE RAIL & CONSOLE MAST

1. Install the Incline Rail Assembly (2) into the U-channel bracket of the main frame (1). Secure with the six bolts & associated hardware as follows: From the sides install two Hex Head Bolts (117) with two Flat Washers (158) and two Nylon Nuts (145). From the top install four Hex Head Bolts (115), four Split Washers (166), four Flat Washers (154), and four Star Washers (168), and tighten with the Wrenches provided (169 & 172).
2. Connect the three Incline Motor Power lines by matching the Red, White and Black color codes of the wires (43) and the 3-pin position Sensor Connector (44). Locate the Console Mast (12) and Console Mast Cover (83) and slide the Cover onto the Mast as far as it will go. Make sure the Console Mast Cover is facing the correct way. At the top opening of the Main Frame of the elliptical is a Computer Cable (45); Secure the free end of the twist tie that exits the bottom of the console mast (12) to this cable. Pull the opposite end of this twist tie up through the console mast (12) until the cable exits the top. Install the Console Mast (12) into the receiving bracket on the top of the Main Frame (1). Pull slightly on the computer cable at the top of the mast while installing. This will ensure the cable does not get pinched and shorted during console mast assembly.
3. Put one Split Washer (167) onto the Long Hex Head Bolt (118) and install through the left side of the receiving bracket into the Console Mast (12). Put the two Curved Washers (164) onto the two Short Hex Head Bolts (116) and install through the front of the console mast. Using Wrench (169), tighten the (116) bolts first, then the (118) bolt, and lastly the fourth bolt, which is pre-installed, firmly. These bolts should be tightened as much as you possibly can. This is the main joint of the unit. If not tightened sufficiently, this could lead to noise and instability issues.
4. Plug the Computer Cable (45), Ground Wire (192), two Hand pulse Cables (52 & 56), and the Resistance & Incline wires (184 & 185) into the back of the console. Secure the Console (40) onto the console mounting plate with four Phillips Head Screws (128). Tighten with the Phillips Head Screw Driver (170 or 171).

HARDWARE STEP 1

- #115. 5/16" x 2-1/4" Hex Head Bolt (4 pcs)
- #116. 3/8" x 3/4" Hex Head Bolt (2 pcs)
- #117. 3/8" x 1-1/2" Hex Head Bolt (2 pcs)
- #118. 3/8" x 2-1/4" Hex Head Bolt (1 pc)
- #128. M5 x 10mm Phillips Head Screw (4 pcs)
- #145. 3/8" x 7T Nyloc Nut (2 pcs)
- #154. 5/16" x 20mm x 1.5T Flat Washer (4 pcs)
- #158. 3/8" x 19mm x 1.5T Flat Washer (2 pcs)
- #164. 3/8" x 23mm x 2T Curved Washer (2 pcs)
- #166. Ø5/16" x 1.5T Split Washer (4 pcs)
- #167. Ø3/8" x 2T Split Washer (1 pc)
- #168. Ø5/16" Star Washer (4 pcs)

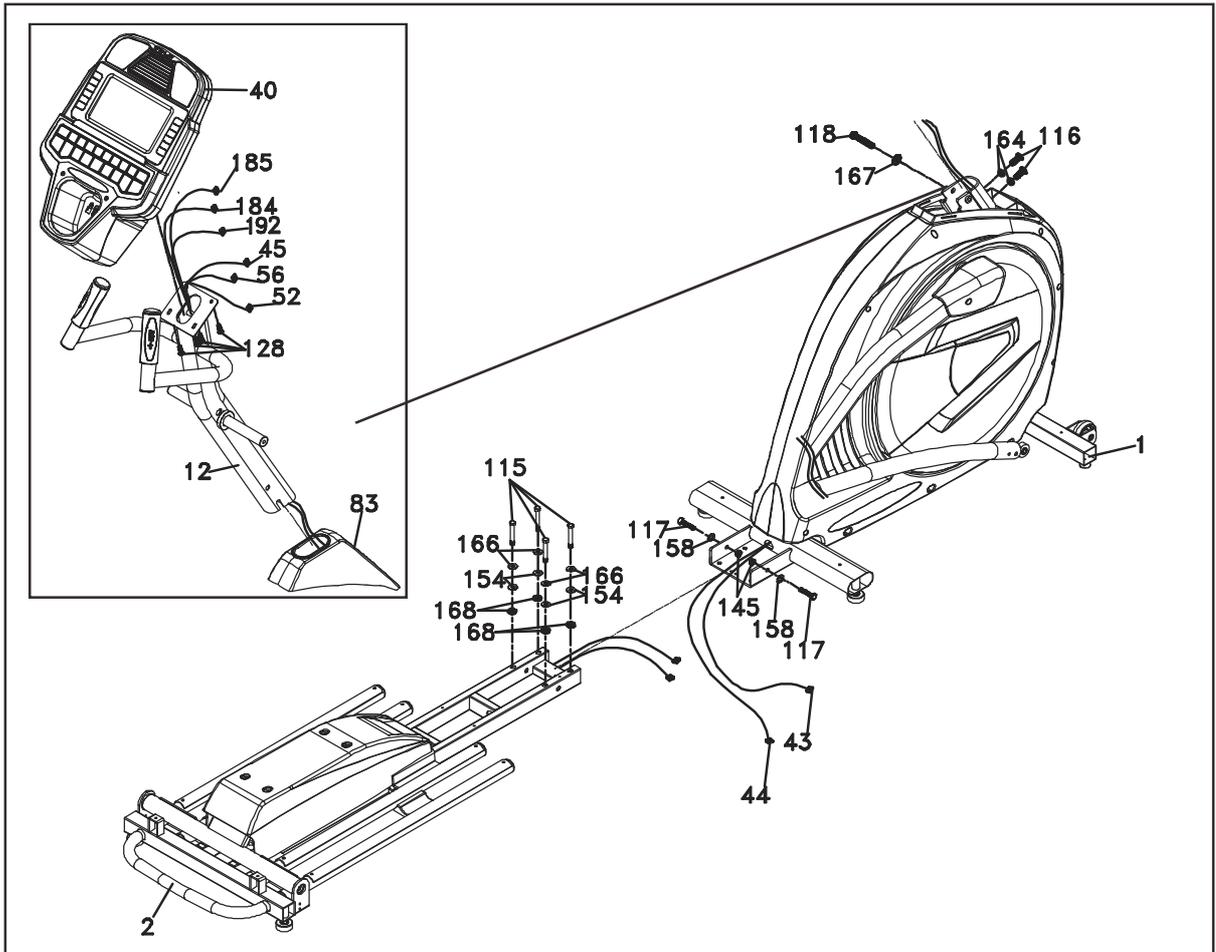
2 CONNECTING & LOWER SWING ARMS

1. Slide two wave washers (163) onto each side of the swing arm axle. Slide the Lower Handle Bars (25 Left, 26 Right) onto the axles and secure with the two Hex Head Bolts (116) and Flat Washers (160). Do not force the swing arms onto the axle. They should slide on, but you may need to jiggle them to get them lined up properly. The swing arms have been previously installed at the factory so they do fit properly.
2. Remove the tie that holds the Rod End Sleeve (19) in the rod located at the end of the right pedal arm and line up the rod end with the bracket at the bottom of the lower right Handle Bar (26). Slide the Hex Head Bolt (114) through the bracket of the lower Handle Bar and then through the Rod End Sleeve (19) of the rod end. Install the Flat Washer (154) and Nyloc Nut (143) on the bolt and tighten as much as possible. Repeat this step for the left side (25). Tighten hardware with the wrenches(169 & 172).

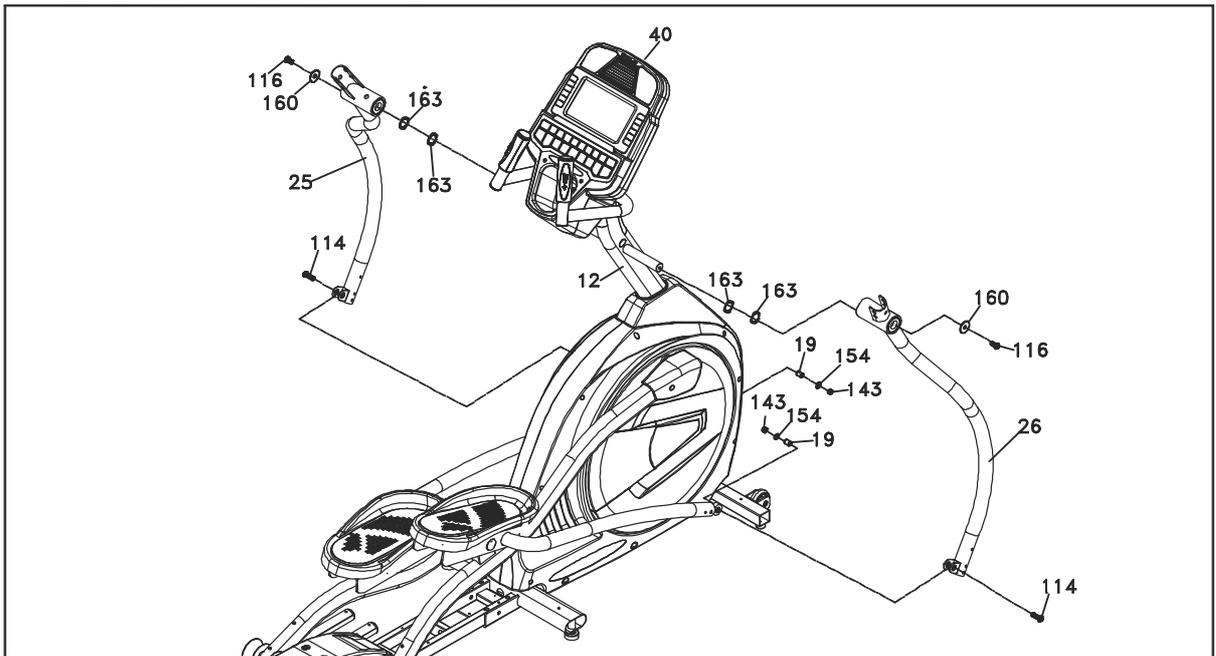
HARDWARE STEP 2

- #114. 5/16" x 1-1/4" Hex Head Bolt (2 pcs)
- #116. 3/8" x 3/4" Hex Head Bolt (2 pcs)
- #143. 5/16" x 7T Nyloc Nut (2 pcs)
- #154. 5/16" x 20mm x 1.5T Flat Washer (2 pcs)
- #160. 3/8" x 30mm x 2T Flat Washer (2 pcs)
- #163. Ø25mm Wave Washer (4 pcs)

1 ASSEMBLY STEP 1



2 ASSEMBLY STEP 2



3 UPPER SWING ARMS

1. Insert the Left Upper Swing Arm (10) into the Lower Handle Bar (25). Fasten together with three Hex Head Bolts (190), four Flat Washers (158), two Curved Washers (164), and three Nyloc Nuts (145). Tighten using the wrenches (169 & 172).
2. Attach the wire (186) from the left Upper Swing Arm (10; Incline buttons on front) to the wire (185) that exits the Console Mast Tube (12). Slide the switch wire cap (189) onto the wire with the wide side facing the Swing Arm. Stuff the excess wires into the console mast tube, then snap the cap into it.
3. Repeat steps 3.1 & 3.2 from above on the right side. You will connect wires (186) to (184).

HARDWARE STEP 3

- #145. 3/8" x 7T Nyloc Nut (6 pcs)
- #158. 3/8" x 19mm x 1.5T Flat Washer (8 pcs)
- #164. 3/8" x 23mm x 2T Curved Washer (4 pcs)
- #189. Switch Wire Cap (2 pcs)
- #190. 3/8" x 2-1/4" Hex Head Bolt (6 pcs)

4 PLASTIC PARTS

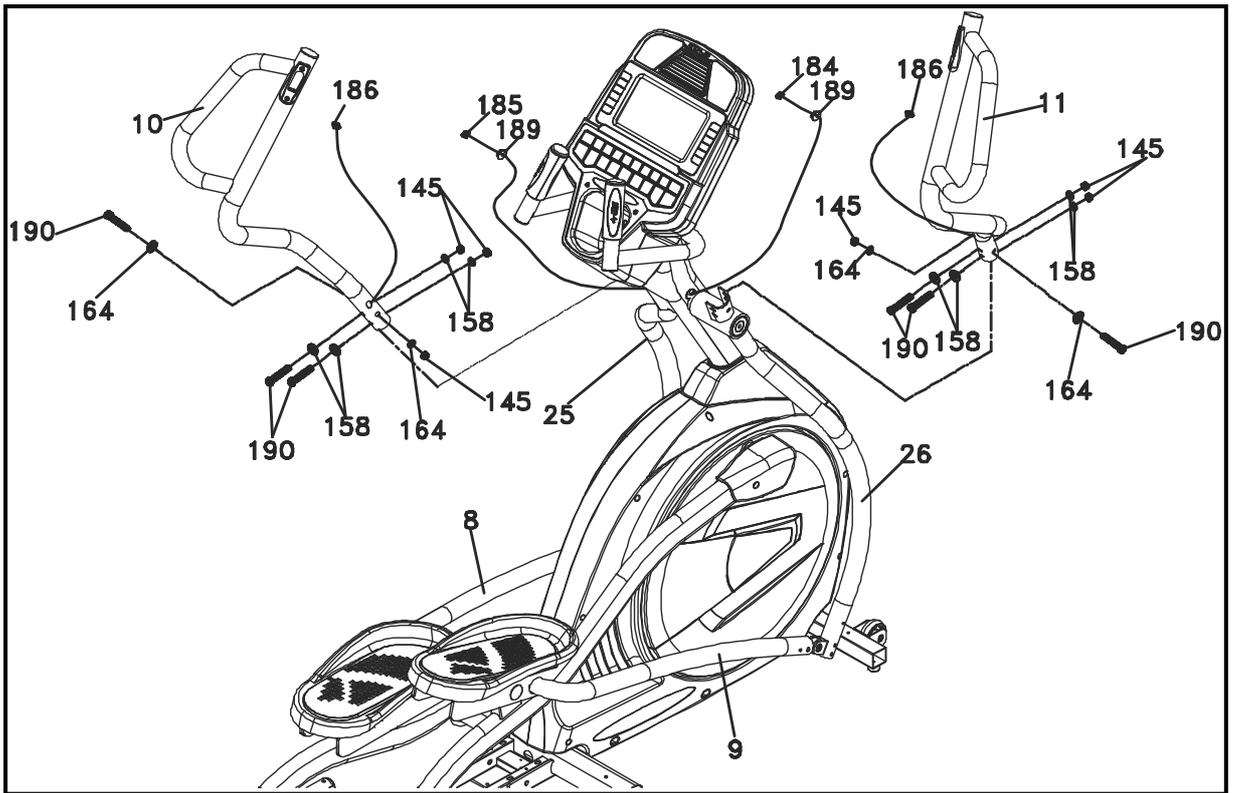
Use either screw driver (185 or 186) to secure the following plastic parts.

1. Match up the console covers (81 & 82) and secure with three Phillips head screws (129) and two Sheet Metal Screws (132). Tighten the Sheet metal screws first.
2. Match up the Connecting Arm Covers (97 & 98 - inner covers and 95 & 96 - outer covers). Install the inner covers (97 & 98) onto the Left and Right Connecting Arms (8 & 9) and secure each side with two Phillips Head Screws (129) and two Sheet Metal Screws (132). Install the outer covers (95 & 96) onto the left and right swing arms and secure each side with two Phillips Head Screws (129) and two Self Tapping Screws (132). Make sure the outer covers are positioned in relation to the arrow on each sticker.
3. Match up the left (91 & 92) & right (93 & 94) swing arm covers and attach with eight self tapping screws (132).
4. Install Sliding Wheel Covers (22) on each side and secure with four Phillips Head Screws (129).
5. Install the two Stabilizer Covers (101 & 102) on the middle stabilizer bar with two Phillips Head Screws (129).
6. Install the Front Stabilizer Cover (90) on the front stabilizer with two Phillips Head Screws (129).
7. Install the two incline Cover holders (20), with the hole for mounting the plastic cover on the bent tab facing rearward, and secure them on the Incline Rail Assembly (2) with four Phillips Head Screws (131). Install the Rear incline bar cover (100) on the rail base with two Screws (129).
8. Install the Rear Stabilizer Cover (24) on the Rear Stabilizer with four Phillips Head Screws (129).
9. This step to be performed after the elliptical power is plugged in. Run the incline to position 8 and install the incline Rail front cover (99) up against the middle stabilizer tube with four Phillips Head Screws (129).

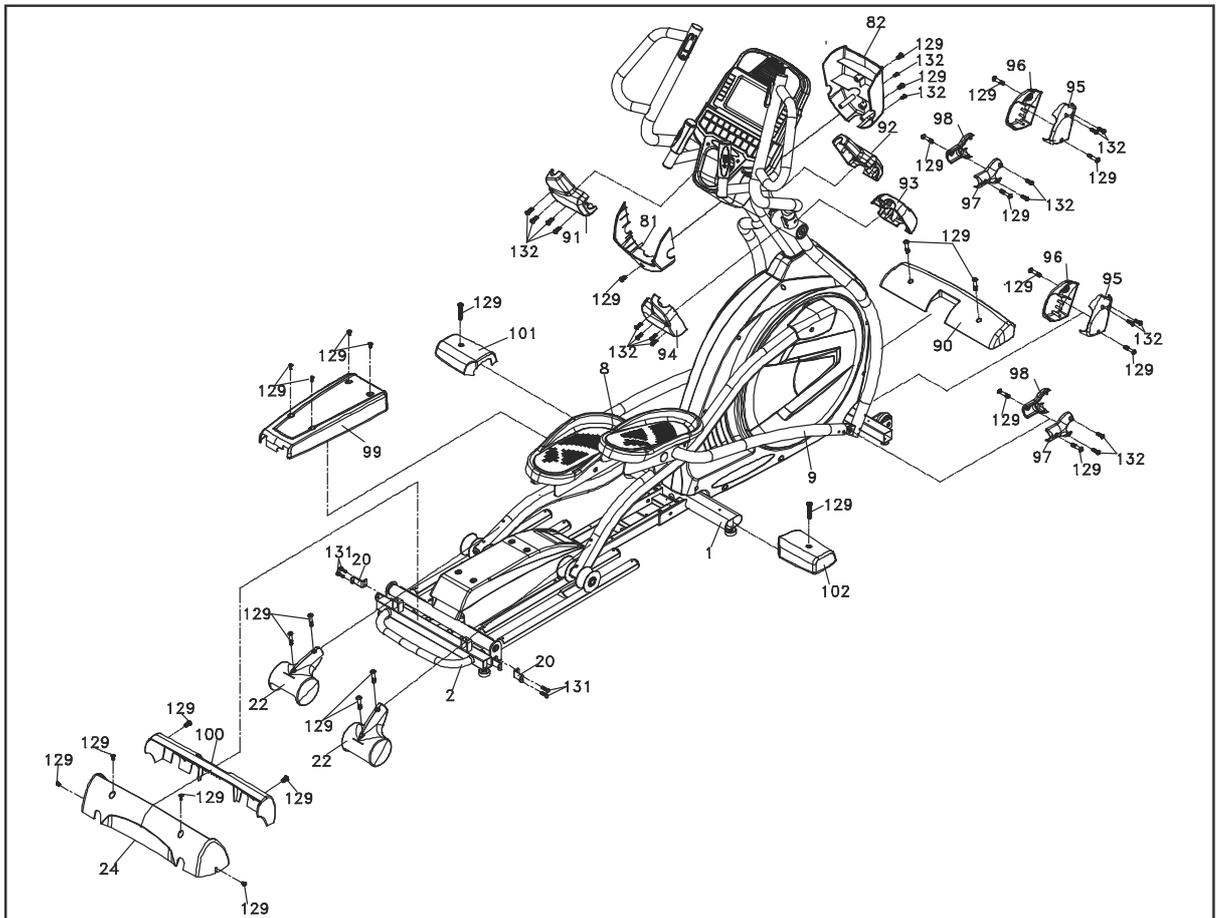
HARDWARE STEP 4

- #129. M5 x 15mm Phillips Head Screw (29 pcs)
- #131. M6 x 10mm Phillips Head Screw (4 pcs)
- #132. Ø3.5mm x 12mm Sheet Metal Screw (18 pcs)

3 ASSEMBLY STEP 3



4 ASSEMBLY STEP 4



ELLIPTICAL FEATURES

RAMP INCLINE ADJUSTMENT

The elliptical has an incline feature that will further increase the variety of your workouts. When the is at its lowest position you get a normal elliptical workout. As the incline increases you will feel your knees rise higher with each step; which means you are involving more muscle fibers, due to the increased range of motion.

The elliptical has a computer controlled power incline. The power incline is controlled by buttons on the console or left swing arm and will automatically adjust via the incline motor during the built-in workout program.

OPERATION OF YOUR ELLIPTICAL

GETTING FAMILIAR WITH THE CONTROL PANEL



POWER UP

When power is connected to the elliptical the console will automatically power up. These models are connected directly to 115 VAC and there is a power switch located where the line 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** display will show a software version (i.e.: VER 1.0), and the **Distance Window** will display an odometer reading. The odometer shows how many virtual miles the elliptical has gone. The **Time Window** shows how many total hours the elliptical 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.

!!ATTENTION

Your new elliptical console comes configured in an in-store 'display mode' of operation, where the console will remain powered on unless the main power switch is turned off. To exit the display mode, for normal operation, press and hold the **Stop, Enter** and **Display** keys for five seconds; the display will show: **Display Mode - ON**. Use the **Level ▲/▼** key to change the setting to **OFF** then press **Enter**.

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. The resistance level and incline can be adjusted manually by pressing the **Incline** or **Level ▲/▼** buttons. The dot matrix display will be showing a track with a blinking dot indicating your progress as it travels around the track.



BASIC INFORMATION

The **Message Window** will initially display **Laps** completed. Each time the **Display** button is pressed the next set of information will appear. The order of information displayed will be: **Speed** (in mph), **RPM** (Revolutions per minute), **Level**, **Watts**, **Segment Time** and **Data Scan** mode. In **Data Scan** mode, the displayed information will change every 4 seconds in the **Message Window**.

The Elliptical has a built in heart rate monitoring system. Simply grasping the **Contact Heart Rate Sensors** on the stationary handle bars or wearing the chest strap transmitter will start the heart (see Heart Rate Programs) 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 chest strap is a more accurate and reliable method of heart rate reading. The hand pulse sensors are subject to false readings depending on user physiology and workout habits including how one grips the sensors or how sweaty their hands are.

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

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



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

There is an Audio In Jack (🎵) 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 as in a clinical setting connected to a host of machines. This is because every person is different and burns calories at a different rate.

ENTERING A PROGRAM AND CHANGING SETTINGS

Press each program button to scroll through the program selections. The profile for each program will be displayed in the dot matrix window. Both models will show the incline profile also when the **Display** key is pressed. Press the **Enter** key to select a program and begin customizing the settings. If you want to workout without entering new settings, then just press the **Start** key. This will bypass the programming of data and take you directly to the start of your workout. If you want to change the personal settings, then just follow the instructions in the **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 elliptical 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 **Incline** or **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 **Incline** or **Level ▲/▼** keys, then press **Enter** to continue.
4. Next is the **Time**. You may adjust the length of **Time** by pressing the **▲/▼ Incline** or **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 elliptical will be set to level one. This is the easiest level and it is a good idea to stay at level one for a while to warm up. If you want to increase the work load at any time press the **Level ▲** key (on console or swing arm); the **Level ▼** key (on console or swing arm) 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. You may also select one of the **Quick Incline** or **Level** keys on the console.
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 startup display.



PRESET PROGRAMS

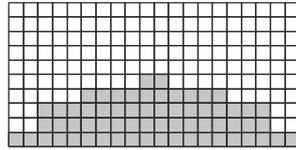
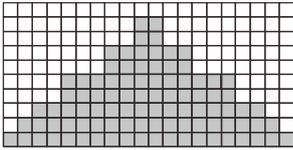
The Elliptical has five different programs that have been designed for a variety of workouts. These five programs have factory preset work level profiles for achieving different goals.

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.

WORK

INCLINE

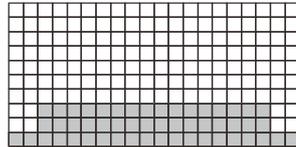
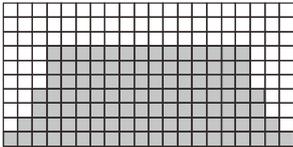


Fat Burn

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

WORK

INCLINE

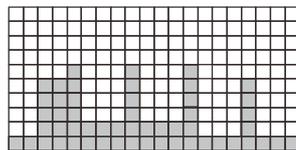
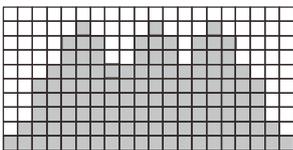


Cardio

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

WORK

INCLINE

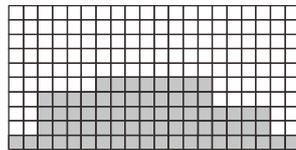
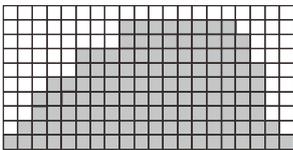


Strength

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

WORK

INCLINE

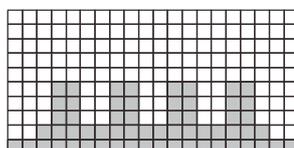
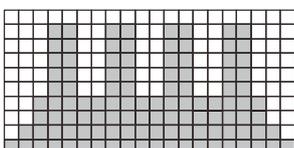


Interval

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.

WORK

INCLINE



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 **Incline** or **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 **Incline** or **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. You can now choose to turn on the incline profile for this program. If you choose to turn off incline, you can still control the incline manually during your workout, but the automated incline changes will be off. Press the **Enter** key when you are finished selecting.
7. 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.
8. If you want to increase or decrease the resistance or incline at any time during the program press the **Incline** or **Level ▲/▼** keys (on console or swing arms).
9. During the 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.



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 (**U1** or **U2**) then press **Enter**. If you have already saved a program to either **U1** or **U2**, 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 **▲/▼ Incline** or **Level** buttons to select the appropriate first letter of your name (pressing the **Level ▲/▼** button will switch to the letter "B"; pressing the Down button will switch to letter "Z"). Press **Enter** when the desired letter is displayed. Repeat this process until all of the characters of your name have been programmed (maximum 7 characters). When finished press **Stop**.
2. If there is a program already stored in **User** when you press the key, you will have an option to run the program as it is or delete the program and build a new one. At the welcome message screen, when pressing **Start** or **Enter** you will be prompted: Run Program? Use the **Level ▲/▼** to select Yes or No. If you select No, you will then be asked if you want to delete the currently saved program. It is necessary to delete the current program if you want to build a new one.
3. The **Message Window** will ask you to enter your **Age**. You may enter your age using the **Incline** or **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 **Incline** or **Level ▲/▼** keys, then press **Enter** to continue.
5. Next is **Time**. You may adjust the **Time** using the **Incline** or **Level ▲/▼** keys and press **Enter** to continue.
6. Now the first column will be blinking and you are asked to adjust the level for the first segment of the workout. When you finish adjusting the first segment, or if you don't want to change, then press **Enter** to continue to the next segment. The next segment will show the same level as the previously adjusted segment. Repeat the same process as the last segment then press **Enter**. Continue this process until all twenty segments have been set.
7. Now the first column will be blinking again and you are asked to adjust the Incline level for the first segment of the workout. Follow the same procedure for building the Incline profile as you did for the resistance profile.
8. 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.
9. If you want to increase or decrease the workload at any time during the program press the **Incline** or **Level ▲/▼** key (on console or swing arms). This will only affect the **Incline** or **Level** for the present column in the profile. When the profile changes to the next column it will return to the preset work level.
10. 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.
11. 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.

FITNESS TEST PROGRAM

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

Fitness Test Programming

1. Press the **Fit-test** button and press **Enter**.
2. The message window will ask you to enter your **Age**. You may adjust the age setting, using the **Resistance** 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 **Resistance** Up and Down keys then press enter to continue.
4. Now press **Start** to begin the test or **Enter** to modify your settings.

Before the test

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

During the test

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

After the test

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

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

Heart Rate programs

Before we get started, a word about Heart Rate:

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

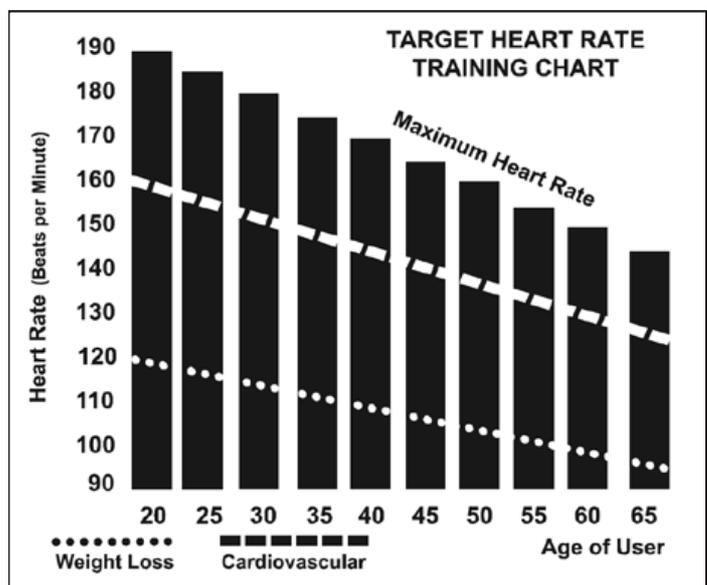
To determine the benefit range in which you wish to train, you must first determine your Maximum Heart Rate. This can be accomplished by using the following formula: 220 minus your age. This will give you the Maximum heart rate (MHR) for someone of your age. To determine the effective heart rate range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

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

$220 - 40 = 180$ (maximum heart rate)
 $180 \times .6 = 108$ 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 control programs. After calculating your Maximum Heart Rate 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 Maximum Heart Rate 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 Maximum Heart Rate on a schedule approved by your physician. Consult your physician before participating in any exercise program.

With all Heart Rate Control elliptical machines you may use the heart rate monitor feature without using the Heart Rate Control program. This function can be used during manual mode or during any of the nine different programs. The Heart Rate Control 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 know as the Borg scale, was developed by Swedish physiologist G.A.V. Borg. This scale rates exercise intensity from 6 to 20 depending upon how you feel or the perception of your effort.

The scale is as follows:

Rating Perception of Effort

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

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

USING HEART RATE TRANSMITTER

How to wear your wireless chest strap transmitter:

1. Attach the transmitter to the elastic strap using the locking parts.
2. Adjust the strap as tightly as possible as long as the strap is not too tight to remain comfortable.
3. Position the transmitter with the logo centered in the middle of your body facing away from your chest (some people must position the transmitter slightly left of center). Attach the 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 treadmill for Heart Rate Control unless a steady, solid Actual Heart Rate value is being displayed. High, wild, random numbers being displayed indicate a problem.

Areas to look for interference which may cause erratic heart rate:

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 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

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

1. Press the **HR1** or **HR2** key, then press the **Enter** key.
2. The **Message Window** will ask you to enter your **Age**. You may enter your **Age**, using the **Level ▲/▼** keys or the numeric key pad, then press the **Enter** key to accept the new number and proceed on to the next screen.
3. You are now asked to enter your **Weight**. You may adjust the **Weight** number using the **Level ▲/▼** keys or the numeric key pad, then press **Enter** to continue.
4. Next is **Time**. You may adjust the **Time** and press **Enter** to continue.
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**.
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 ▲/▼** keys (on console or swing arms). 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.

GENERAL MAINTENANCE

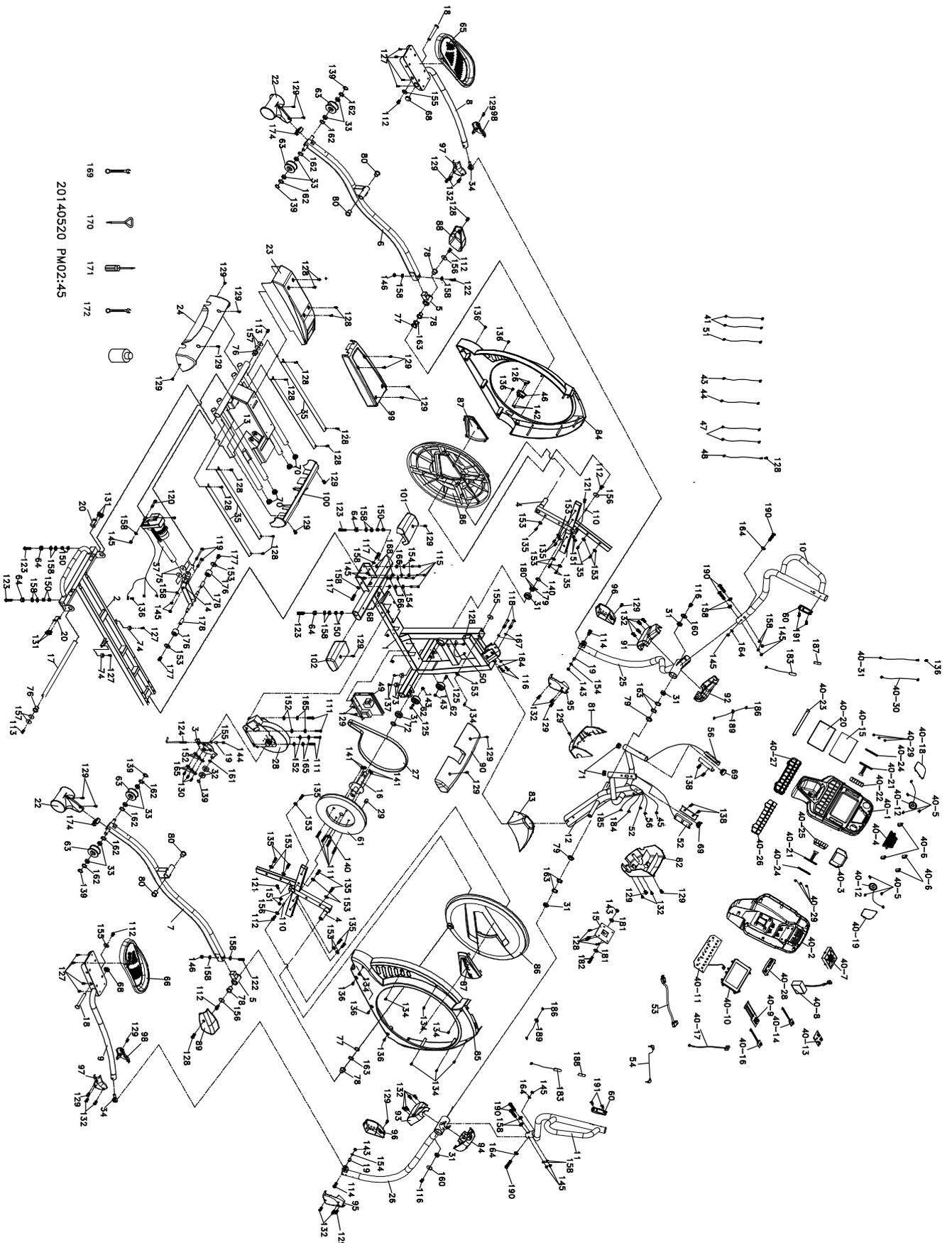
1. Wipe down all areas in the sweat path with a damp cloth after each workout.
2. If a squeak, thump, clicking or rough feeling develops the main cause is most likely one of two reasons:
 - I. The hardware was not sufficiently tightened during assembly. All bolts that were installed during assembly need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

MAINTENANCE MENU IN CONSOLE SOFTWARE

1. Press and hold the **Start**, **Stop** and **Enter** key at the same time, until the display shows "Maintenance Menu". Press the **Enter** key.
2. You can now scroll through the menu using the **Resistance** Up/Down keys. Use the **Stop** key to return to previous menu selection. The menu selections are:
 - A. **Key Test**
 - B. **Display Test**
 - C. **Functions**
 - I. **Display Mode** - Turn on to have the console power down automatically after 30 minutes of inactivity
 - II. **Pause Mode** - Turned on to allow 5 minutes of pause, turn off to have console pause in definitely
 - III. **ODO Reset** - Resets the Odometer reading to zero
 - IV. **Units** - Choose from English(Imperial) or Metric display readings
 - V. **Brake Test** - For testing the Brake function
 - D. **Security**
 - E. **Factory Settings**
 - F. **Exit**

Incline Calibration: If there is a problem with the incline, try running the calibration. Press the **Incline** key and the **Start** key at the same time. Hold them down for 5 seconds and the Incline calibration will start and run automatically. If the problem persists contact service department.

EXPLODED VIEW DIAGRAM



PARTS LIST

KEY NO.	PART NO.	Description	Q'TY
1	17309801	Main Frame	1
2	17309802	Rear Rail Assembly	1
3	17309803	Idler Bracket	1
4	17309804	Cross Bar	2
5	17309805	Bushing Housing, Pedal Arm	2
6	17309806	Pedal Arm (L)	1
7	17309807	Pedal Arm (R)	1
8	17309808	Connecting Arm (L)	1
9	17309809	Connecting Arm (R)	1
10	17309810	Swing Arm (L)	1
11	17309811	Swing Arm (R)	1
12	17309812	Console Mast	1
13	17309813	Rear Rail Assembly	1
14	17309814	Incline Device	1
15	17309815	Console Holder Assembly	1
16	17309816	Crank Axle	1
17	17309817	Locking Tube Assembly	1
18	17309818	Carriage Bolt	2
19	17309819	Rod End Sleeve	3
20	17309820	Cover Holder(B)	2
22	17309822	Slide Wheel Cover	2
23	17309823	Incline Cover	1
24	17309824	Rear Bar Cover	1
25	17309825	Lower Handle Bar (L)	1
26	17309826	Lower Handle Bar (R)	1
27	17309827	Drive Belt	1
28	17309828	Induction Brake	1
29	17309829	Magnet	1
31	17309831	6005_Bearing	6
32	17309832	6203_Bearing	2
33	17309833	6003_Bearing	8
34	17309834	Rod End Bearing	2
35	17309835	Aluminum Rail	4
37	17309837	Incline Motor	1
40	17309840	Console Assembly	1
40~1	17309840~1	Console Top Cover	1
40~2	17309840~2	Console Bottom Cover	1
40~3	17309840~3	Fan Grill Anchor	1
40~4	17309840~4	Deflector Fan Grill	1
40~5	17309840~5	Speaker Grill Anchor	6
40~6	17309840~6	Fan Grill Anchor	4
40~7	17309840~7	Fan Assembly	1
40~8	17309840~8	HR monitor module	1
40~9	17309840~9	Interface Board	1
40~10	17309840~10	Console Display Board	1
40~11	17309840~11	Main Key Board	1
40~12	17309840~12	250m/m_Speaker W/Cable	2
40~13	17309840~13	Amplifier Controller	1

KEY NO.	PART NO.	Description	Q'TY
40~14	17309840~14	300m/m_Sound Board W/Cable (Red)	1
40~15	17309840~15	LCD Transparent Piece	1
40~16	17309840~16	300m/m_Sound Board W/Cable (White)	1
40~17	17309840~17	250m/m_Amplifier Cable	1
40~18	17309840~18	Speaker Iron Net (L)	1
40~19	17309840~19	Speaker Iron Net (R)	1
40~20	17309840~20	9" Water-resist Rubber	1
40~21	17309840~21	Console Resistance Button W/Cable	2
40~22	17309840~22	Key Fast Board (L)	1
40~23	17309840~23	Book Rack	1
40~24	17309840~24	Key Fast Board Foam	2
40~25	17309840~25	Key Fast Board (R)	1
40~26	17309840~26	Function Key Board Foam	1
40~27	17309840~27	Function Key - plastic cover	1
40~28	17309840~28	LOGO Plate	1
40~29	17309840~29	Speaker Grill Anchor	6
40~30	17309840~30	300m/m_HR monitor module W/Cable	1
40~31	17309840~31	200m/m_Ground Wire	1
41	17309841	400m/m_Connecting Wire, Controller	2
43	17309843	900m/m_Connecing Wire, Incline Motor Power Cord	1
44	17309844	850m/m_Connecting Wire, Incline Motor	1
45	17309845	1550m/m_Computer Cable	1
46	17309846	AC Electronic Module	1
47	17309847	80m/m_Connecting Wire (White)	2
48	17309848	200m/m_Ground Wire	1
49	17309849	Generator/Brake Controller	1
50	17309850	500m/m_Sensor W/Cable	1
51	17309851	1000m/m_Wire Brake Coil Harness	1
52	17309852	850m/m_Handpulse W/Cable Assembly (White)	1
53	17309853	Power Cord	1
54	17309854	400m/m_Audio Cable	1
56	17309856	850m/m_Handpulse W/Cable Assembly (Red)	1
60	17309860	Handle Switch Bracket	2
61	17309861	Drive Pulley	1
62	17309862	Transportation Wheel	2
63	17309863	Slide Wheel , Urethane	4
64	17309864	Rubber Foot	4
65	17309865	Pedal (L)	1
66	17309866	Pedal (R)	1
68	17309868	Pedal End Cover	2
69	17309869	Button Head Plug	2
70	17309870	32 × 2.5T_Round Cap	4
71	17309871	Ø32 × 1.8T(2.0T)_Round Cap	2
72	17309872	Spacer Bushing	1
73	17309873	Ø25 × Ø25 × 15T_Rubber Foot Pad	2
74	17309874	26.5 × 6 × 10T_Rubber Foot Pad	2
75	17309875	3/8" × 35 × 5T_Nylon Washer	2
76	17309876	Ø38 × Ø34 × Ø26 × 4 + 16T_Bushing	2
77	17309877	Ø25.5 × 33.5 × 1.5T_Nylon Wave Washer	2
78	17309878	ZFM-2528-21_Bushing	4

KEY NO.	PART NO.	Description	Q'TY
79	17309879	Ø45 × Ø35 × Ø26 × 10T_Isolator	2
80	17309880	JFM-1922-16_Bushing	4
81	17309881	Console Chin Cover (Front)	1
82	17309882	Console Chin Cover (Rear)	1
83	17309883	Console Mast Cover	1
84	17309884	Side Case (L)	1
85	17309885	Side Case (R)	1
86	17309886	Round Disk	2
87	17309887	Round Disk Cover	2
88	17309888	Pedal Arm Cover (L)	1
89	17309889	Pedal Arm Cover (R)	1
90	17309890	Front Stabilizer Cover	1
91	17309891	Front Handle Bar Cover (L)	1
92	17309892	Rear Handle Bar Cover (L)	1
93	17309893	Front Handle Bar Cover (R)	1
94	17309894	Rear Handle Bar Cover (R)	1
95	17309895	Connecting Arm Cover A (R)	2
96	17309896	Connecting Arm Cover A (L)	2
97	17309897	Connecting Arm Cover B (R)	2
98	17309898	Connecting Arm Cover B (L)	2
99	17309899	Incline Bottom Cover	1
100	173098100	Inclinable Rail Cover	1
101	173098101	Middle Stabilizer Cover (L)	1
102	173098102	Middle Stabilizer Cover (R)	1
110	173098110	7 × 7 × 25m/m_Woodruff Key	2
111	173098111	1/4" × 3/4" _Hex Head Bolt	8
112	173098112	5/16" × 15m/m _Hex Head Bolt	6
113	173098113	5/16" × 1" _Hex Head Bolt	2
114	173098114	5/16" × 1-1/4" _Hex Head Bolt	2
115	173098115	5/16" × 2-1/4" _Hex Head Bolt	4
116	173098116	3/8" × 3/4" _Hex Head Bolt	4
117	173098117	3/8" × 1-1/2" _Hex Head Bolt	2
118	173098118	3/8" × 2-1/4" _Hex Head Bolt	2
119	173098119	3/8" × 2-1/2" _Hex Head Bolt	2
120	173098120	3/8" × 1-1/2" _Hex Head Bolt	1
121	173098121	M8 × 40m/m _Socket Head Cap Bolt	2
122	173098122	3/8" × 2-1/4" _Socket Head Cap Bolt	2
123	173098123	3/8" × 2" _Flat Head Socket Bolt	4
124	173098124	M8 × 170m/m _J Bolt	1
125	173098125	5/16" × 2" _Button Head Socket Bolt	2
126	173098126	M4 × 12m/m _Phillips Head Screw	2
127	173098127	M5 × 10m/m _Phillips Head Screw	10
128	173098128	M5 × 10m/m _Phillips Head Screw	22
129	173098129	M5 × 15m/m _Phillips Head Screw	29
130	173098130	M6 × 15m/m _Phillips Head Screw	3
131	173098131	M6 × 10m/m _Phillips Head Screw	4
132	173098132	Ø3.5 × 12m/m _Sheet Metal Screw	18
134	173098134	Ø3.5 × 16m/m _Sheet Metal Screw	8
135	173098135	5 × 16m/m _Tapping Screw	14
136	173098136	5 × 16m/m _Tapping Screw	8

KEY NO.	PART NO.	Description	Q'TY
137	173098137	5 × 19m/m_Tapping Screw	2
138	173098138	Ø3 × 20m/m_Tapping Screw	4
139	173098139	Ø17_C Ring	5
140	173098140	Ø25_C Ring	2
141	173098141	1/4" _Nyloc Nut	4
142	173098142	M4 × 5T_Nyloc Nut	2
143	173098143	5/16" × 7T_Nyloc Nut	5
144	173098144	M8 × 7T_Nyloc Nut	1
145	173098145	3/8" × 7T_Nyloc Nut	11
146	173098146	3/8" × 11T_Nyloc Nut	2
150	173098150	3/8" × 7T_Nut	8
151	173098151	M8 × 6.3T_Nut	4
152	173098152	1/4" × 13 × 1T_Flat Washer	7
153	173098153	1/4" × 19 × 1.5T_Flat Washer	17
154	173098154	5/16" × 20 × 1.5T_Flat Washer	6
155	173098155	5/16" × 23 × 1.5T_Flat Washer	4
156	173098156	5/16" × 35 × 1.5T_Flat Washer	4
157	173098157	5/16" × 35 × 2.0T_Flat Washer	4
158	173098158	3/8" × 19 × 1.5T_Flat Washer	24
160	173098160	3/8" × 30 × 2.0T_Flat Washer	2
161	173098161	Ø17 × 23.5 × 1T_Flat Washer	1
162	173098162	Ø17_Wave Washer	8
163	173098163	Ø25_Wave Washer	6
164	173098164	3/8" × 23 × 2T_Curved Washer	6
165	173098165	1/4" _Split Washer	7
166	173098166	Ø5/16" × 1.5T_Split Washer	4
167	173098167	3/8" × 2T_Split Washer	2
168	173098168	Ø5/16" _Star Washer	4
169	173098169	13/14m/m_Wrench (160m/m)	1
170	173098170	Short Phillips Head Screw Driver	1
171	173098171	Phillips Head Screw Driver	1
172	173098172	12/14m/m_Wrench (160m/m)	1
174	173098174	Oval End Cap	2
176	173098176	Incline Transportation Wheel	2
177	173098177	M6 × 10m/m_Thumb Head Socket Screw	2
178	173098178	PVC Bushing	2
179	173098179	Axle Stopper	1
180	173098180	M5 × 5m/m_Slotted Set Screw	2
181	173098181	5/16" × 25 × 3T_Nylon Washer	2
182	173098182	5/16" × 2-1/2" _Hex Head Bolt	1
183	173098183	Resistance Button W/Cable	2
184	173098184	450m/m_Handle Wire (Upper), Resistance	1
185	173098185	450m/m_Handle Wire (Upper), Incline	1
186	173098186	900m/m_Handle Wire (Lower), Resistance/Incline	2
187	173098187	Handgrip Resistance Label (INCLINE)	1
188	173098188	Handgrip Resistance Label (LEVEL)	1
189	173098189	Switch Wire Cap	2
190	173098190	3/8" × 2-1/4" _Hex Head Bolt	6
191	173098191	M5 × 20m/m_Flat Head Socket Screw	4
192	173098192	1400m/m_Ground Wire	1

MANUFACTURER'S LIMITED WARRANTY

ELLIPTICAL WARRANTY Effective August 1, 2012

Dyaco Canada Inc. warrants all its Sole elliptical 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 receipt eighteen (18) months from the original factory shipping date. 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:

Home Warranty:

Home Warranty:		Commercial Warranty (Non-Dues Paying Facility):	
Lifetime	Frame	Lifetime	Frame
5 Years	Parts	3 Years	Parts
2 Years	Labour	1 Year	Labour

* 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 orig the manufacturer's limited warranty.
2. Proper use of the elliptical in accordance with the instructions provided in this manual.
3. Proper installation in accordance with instructions provided with the elliptical 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 elliptical accessible for servicing, including any item that was not part of the elliptical at the time it was shipped from the factory.
6. Damages to the elliptical 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 states 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 treadmill not requiring component replacement, or treadmill 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. 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 SOLE dealer.
2. If you have any questions about your new product or questions about the warranty contact Dyaco Canada Inc. at 1-888-707-1880.
3. If no local service is available, Dyaco Canada Inc. will repair or replace the parts, at Dyaco Canada Inc.'s option, within the warranty period at no charge for parts. All transportation costs, both to our factory and upon return to the owner, are the responsibility of the owner.

The owner is responsible for adequate packaging upon return to Dyaco Canada Inc. Dyaco Canada Inc. is not responsible for damages that occur during shipping. Make all freight damage claims with the appropriate freight carrier. DO NOT SHIP ANY UNIT TO OUR FACTORY WITHOUT A RETURN AUTHORIZATION NUMBER. All units arriving with- out a return authorization number will be refused.

4. For any further information, or to contact our service department by mail, send your correspondence to:

Dyaco Canada Inc.
6050 Don Murie Street
Niagara Falls, ON
L2G 0B3

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

Customer Service 1-888-707-1880
email: customerservice@dyaco.ca