



\* Assembly Guide & Warranty Card Included

# RES900 RECUMBENT BIKE OWNER'S



Model # RES900-17

Revision 122316

# ES900 RECUMBENT BIKE OWNERS MANUAL

## IMPORTANT:

All Products shown are prototype. Actual product delivered may vary.

Product specifications, features & software are subject to change without notice.

For the most up to date owner's manual please visit [www.truefitness.com](http://www.truefitness.com).

For documents in additional languages please visit [www.truefitness.com/document-library/29/international-manuals](http://www.truefitness.com/document-library/29/international-manuals)

## IMPORTANTE:

Todos los productos mostrados son prototipos. La realidad el producto suministrado puede diferir.

Especificaciones de productos, características y software están sujetas a cambios sin previo aviso.

Para la más actualizada de este manual del propietario, por favor visite [www.truefitness.com](http://www.truefitness.com)

Para los documentos en otros idiomas, por favor visite [www.truefitness.com/document-library/29/international-manuals](http://www.truefitness.com/document-library/29/international-manuals)

## IMPORTANT:

Tous les produits présentés sont prototype. Le produit réel livré peut varier.

Spécifications du produit, caractéristiques et logiciels sont sujettes à modification sans préavis.

Pour la plus à jour le manuel du propriétaire s'il vous plaît visitez [www.truefitness.com](http://www.truefitness.com).

Pour documents dans des langues supplémentaires, veuillez [www.truefitness.com/document-library/29/international-manuals](http://www.truefitness.com/document-library/29/international-manuals) de visite

**重要提示：** 显示所有产品的原型。实际交付的产品可能有所不同 产品规格，功能和软件如有更改，恕不另行通知 迄今为止对于大多数的使用说明书，请访问[www.truefitness.com](http://www.truefitness.com)

对于其他语言的文档，请访问[www.truefitness.com/document-library/29/international-manuals](http://www.truefitness.com/document-library/29/international-manuals)

## هام:

جميع المنتجات المعروضة هي النموذج. قد فتختلف نتج الم الفعلي تسليمها .

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www.truefitness.com. حتى الآن دليل المالك يرجى زيارة

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## WICHTIG:

Alle hier gezeigten Produkte sind Prototypen. Das tatsächliche Produkt ausgeliefert wird, kann variieren.

Produkt-Spezifikationen, Funktionen und Software können sich ohne vorherige Ankündigung ändern.

In den meisten Fällen bis zu Bedienungsanleitung Bisher besuchen Sie bitte [www.truefitness.com](http://www.truefitness.com).

Für Dokumente in weiteren Sprachen finden Sie unter [www.truefitness.com/document-library/29/international-manuals](http://www.truefitness.com/document-library/29/international-manuals)

## BELANGRIJK:

Alle getoonde producten zijn prototype. Daadwerkelijke product geleverd kan verschillen.

Product specificaties, eigenschappen & software zijn onderhevig aan verandering zonder kennisgeving.

Voor de meest actuele handleiding van de eigenaar kunt u terecht [www.truefitness.com](http://www.truefitness.com).

Voor documenten in andere talen kunt u terecht op [www.truefitness.com/document-library/29/international-manuals](http://www.truefitness.com/document-library/29/international-manuals)

## ВАЖНО:

Все товары указаны прототипа. Фактический продукт, поставляемый могут отличаться.

Технические характеристики, особенности и программного обеспечения могут быть изменены без предварительного уведомления.

Для получения самой последней на сегодняшний день руководство по эксплуатации пожалуйста, посетите [www.truefitness.com](http://www.truefitness.com)

Для документов на другие языки, пожалуйста, посетите [www.truefitness.com/document-library/29/international-manuals](http://www.truefitness.com/document-library/29/international-manuals)

# RES900 RECUMBENT BIKE OWNERS MANUAL

Frank Trulaske began TRUE Fitness over thirty-five year ago with the simple philosophy of delivering superior fitness products, service and support. Today, TRUE is the global leader in premium fitness equipment for the commercial and residential markets. Our goal is to be the leader in technology, innovation, performance, safety and style. TRUE has received many awards for its product over the years and remains the benchmark for the industry. Fitness facilities and consumers invest in TRUE products for their durable commercial platforms used in all its products, both commercial and residential alike.

The proud manufacturing tradition of quality and the culture of innovation at TRUE have given rise to a full line of extraordinary cardio and strength equipment. As a result, people all over the world are benefiting from the TRUE experience. Innovation across the full product line has made TRUE successful and is a trademark of the TRUE heritage. TRUE's patented Heart Rate Control technology is just one of the remarkable ways we deliver simple and superior performance every user can enjoy, and most importantly, use to achieve personal health and fitness goals.

At the heart of our success is the relentless and systematic life testing of both our products and their components. We have dedicated employees who understand our philosophy is to deliver the best products in the world.

Our goal is to deliver the world's best premium equipment for our customers' health and fitness solutions.

# ES900 RECUMBENT BIKE OWNERS MANUAL

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# CHAPTER 1: SAFETY INSTRUCTIONS

## **IMPORTANT SAFETY INSTRUCTIONS**

### **SAVE THESE SAFETY INSTRUCTIONS**

This bike is intended for in-home use only; do not use this bike in a commercial or institutional setting. Doing so may void the expressed warranty.

-  WARNING: All EXERCISERS MUST READ ALL INSTRUCTIONS BEFORE USING THE BIKE.
-  WARNING: Heart rate monitoring systems may be inaccurate for some individuals. Over-exercising may result in serious injury or death. If you feel faint, stop exercising immediately.
-  WARNING: Equipment should be immediately taken out of use if it fails to work properly or when a warning is presented electronically.

TRUE STRONGLY recommends seeing a physician for a complete medical exam before undertaking an exercise program, particularly if the user has a family history of high blood pressure or heart disease, is over the age of 45, smokes, has high cholesterol, is obese or has not exercised regularly in the past year. Additionally, TRUE recommends consulting a fitness professional on the correct use of this product. If at any time while exercising the user experiences faintness, dizziness, pain or shortness of breath, he or she must stop immediately.

-  WARNING: To reduce the risk of electrical shock, always unplug this TRUE product before cleaning or attempting any maintenance activity. Do not handle the plug with wet hands.
-  WARNING: To reduce the risk of burns, fire, electric shock or injury, it is imperative to connect each product to a properly grounded 110V electrical outlet. A risk of electrical shock may result from improper connection of the equipment's grounding conductor. Check with a qualified electrician if you are unsure about proper grounding techniques. Do not modify the plug provided with this product. If it will not fit an electrical outlet, have a proper outlet installed by a qualified electrician. Your TRUE Fitness product must be properly grounded to reduce risk of shock if the bike malfunctions. Your bike is equipped with an electrical cord, which includes an equipment grounding conductor and a grounding plug. The plug must be inserted into an outlet that has been properly installed and grounded in accordance with all local codes and ordinances. A temporary adapter cannot be used to connect this plug to a two-pole receptacle in North America. If a properly grounded 15 amp outlet is not available, a qualified electrician must install one.
-  WARNING: Do not move the Equipment by lifting the console. Do not use the console as a handlebar during a workout.
-  WARNING: This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.
-  WARNING: Keep equipment stable on flat ground.
-  WARNING: Replace warning labels that may be worn, damaged or missing
-  WARNING: Replace any non-working or damaged components; remove the unit from service until repair is performed.

# CHAPTER 1: SAFETY INSTRUCTIONS

 **WARNING:** To reduce the risk of burns, fire and electric shock or injury to persons, follow these instructions:

- This appliance should never be left unattended when plugged in.
- Do not use any type of extension cord with this product.
- Unplug it from the outlet when not in use and before any servicing.
- Do not operate the equipment while being covered with a blanket, plastic, or anything that insulates or stops airflow.

## **CAUTION:**

- Do not use typing or web surfing features at excessive speeds. Always stabilize yourself by holding a stationary handle when using typing or web surfing features. (Varies by console option)
- Health related injuries may result from incorrect or excessive use of exercise equipment.
- Do not use the contact heart rate grips as a handlebar during a workout.
- Any changes or modifications to this equipment could void the product warranty.
- To disconnect plug remove from electrical outlet.
- The ES900 bike is self-generated and does not require the use of an electrical outlet with the 9" Touch Console. Future optional consoles may require 110V AC input and 12V DC 6 Amp output for console operation only.
- Use a TRUE AC power cord or AC/DC adapter only.
- Note the plug configuration for the power adapter may vary by country.
- The batteries within self-generated equipment contain materials that are considered hazardous to the environment. Federal law requires proper disposal of these batteries.
- Position this product so the power cord plug is accessible to the user.
- Keep the power cord away from heated surfaces. Do not pull the equipment by the power cord or use the cord as a handle. Do not run the power cord along the side or under the Bike.
- If the bike power supply cord is damaged it must be replaced by the manufacturer, an authorized service agent, or a similarly qualified person to avoid a hazard.
- Do not use this product in areas where aerosol spray products are being used or where oxygen is being administered. Such substances create the danger of combustion and explosion.
- Always follow the console instructions for proper operation. Close supervision is necessary when used near children under the age of 15, or disabled persons.
- Do not use this product outdoors, near water, while wet, or in areas of high humidity including extreme temperature changes
- Never operate a TRUE product with the air openings blocked. Keep air openings free of lint, hair or any obstructing material.
- Never insert objects into any openings in this product. If an object should drop inside, turn off the power, unplug the power cord from the outlet and carefully retrieve it. If the item cannot be reached, contact TRUE Customer Service.
- Never place liquids of any type directly on the unit except in the accessory tray or bottle holders. Containers with lids are recommended.
- Wear shoes with rubber or high traction soles. Do not use shoes with heels, leather soles, cleats or spikes. Make sure no stones are embedded in the soles. Do not use this product in bare feet. Keep all loose clothing, shoelaces and towels away from moving parts.
- Do not reach into or underneath the unit, or tip it on its side during operation.
- Use correct ergonomic positioning while operating the bike.
- Do not allow animals on or near the equipment while in operation.

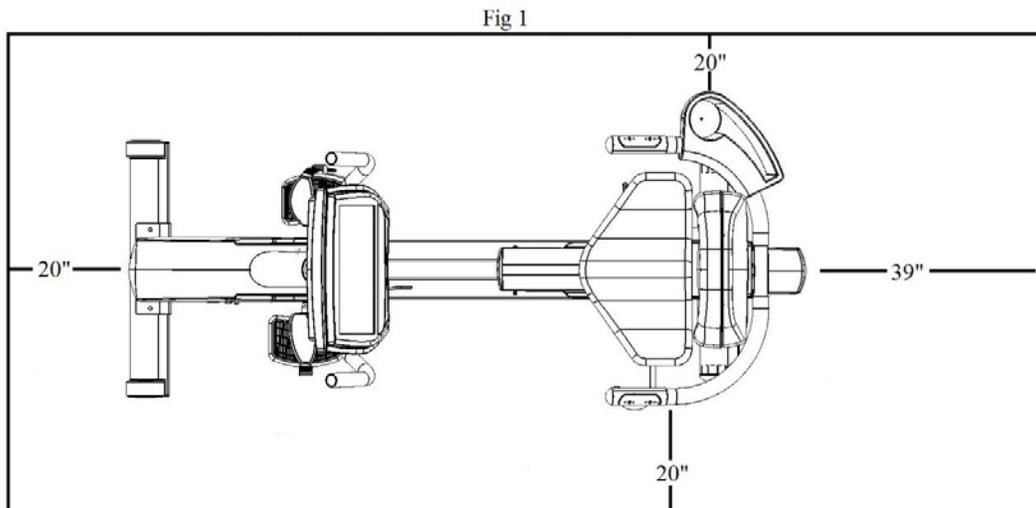
# CHAPTER 1: SAFETY INSTRUCTIONS

## CAUTION (continued):

- Do not exceed maximum user weight of 350 lbs (159 kg).
- Avoid exiting bike while the pedals are still in motion.
- Do not use if you have a cold or fever.
- When using this exercise machine, basic precautions should always be followed.
- Use this bike only for its intended use as described in this manual.
- Do not use attachments not recommended by the manufacturer.
- Allow only trained personnel to service this equipment.
- Avoid the possibility of bystanders being struck or caught between moving parts by making sure that they are out of reach of the bike while it is in motion.
- Allow only one person at a time on the bike while it's operating.
- It is the sole responsibility of the owner/operator to ensure regular and scheduled maintenance is performed.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.

## SPACE REQUIREMENTS:

- TRUE's recommendation is to leave a 39" safety zone at rear of bike. The sides of the bike should be at least 20" away from the wall or obstructions. (See Fig 1)



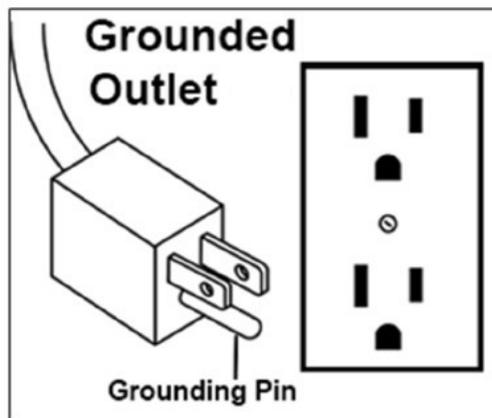
# CHAPTER 1: SAFETY INSTRUCTIONS

## GROUNDING INSTRUCTIONS:

This product must be grounded, if it should malfunction or breakdown, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This product is equipped with a cord having an equipment-grounding conductor and a 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.
- Do not remove the motor cover or you may risk injury due to electric shock.
- The 120-V model is for use on a nominal 120-V circuit and has a grounding plug that looks like the plug illustrated in figure A. Make sure the product is connected to an outlet having the same configuration as the plug. No adapter should be used with this product.



# CHAPTER 1: SAFETY INSTRUCTIONS

## POWER REQUIREMENTS FOR **TRUE** PRODUCTS

**NOTE:** Read and understand all instructions on this sheet and in the Owner's Manual before plugging any TRUE power cord into an electrical outlet. This information sheet will help you identify the voltage and cords you need where you live and will outline requirements for:

- Grounded, dedicated lines
- Voltage
- Power cords
- Power adapters
- Extension cords

**!DANGER:** Improper connection of the equipment-grounding conductor can result in risk of electric shock. Check with a qualified electrician or service provider if you are in doubt as to whether the equipment is properly grounded or installed on a dedicated line. Seek a qualified electrician to perform any modifications to the cord or plug. TRUE is not responsible for injuries or damages as a result of cord or plug modification.

**!CAUTION:** Place cords away from heat (such as baseboards). Use care to arrange any cord so it does not become an obstacle.

### Extension Cords

Do not use an extension cord to supply power to any TRUE product.

### Grounded, Dedicated Line

TRUE equipment must be grounded. If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. TRUE cords (except for cycle adapters) have an equipment-grounding conductor and a 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 where you live. Do not use a ground plug adapter to adapt the power cord to a non-grounded outlet. Do not use a GFCI outlet or GFCI circuit breaker. A dedicated line will assure that adequate power is available for safe operation over the life of your TRUE Product.

### Voltage

Voltage required for your unit is located on the serial number decal (usually on the front of the unit). Depending on where you live voltage requirements differ.

A home typically has 115 VAC, 60 Hz outlets rated at 15 amps.

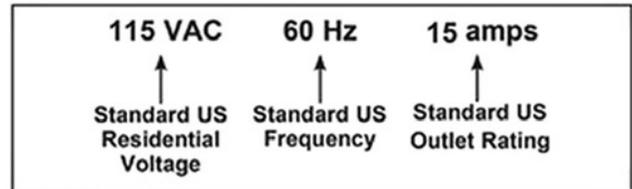


Figure 1

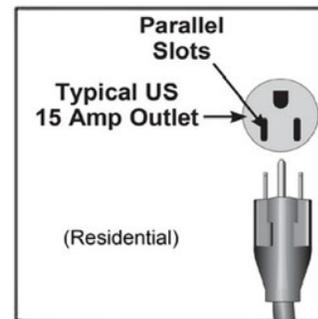


Figure 2

# CHAPTER 1: SAFETY INSTRUCTIONS

## WARNINGDECALS:

 **WARNING:** Replace warning labels that may be worn, damaged or missing.

To replace any worn or missing warning decals contact TRUE FITNESS by one of the following: [www.truefitness.com](http://www.truefitness.com) or contact customer service at 800-883-8783.

 **WARNING!** Read and understand all instructions and warnings prior to use.

**AVERTISSEMENT!** Prenez connaissance du manuel d'instruction et consigne de sécurité avant l'utilisation.

<p><b>WARNING - REMOVE SAFETY KEY WHEN NOT IN USE AND STORE OUT OF REACH OF CHILDREN.</b></p> <p><b>CAUTION - TO REDUCE THE RISK OF INJURY FROM MOVING PARTS - UNPLUG BEFORE SERVICING.</b></p> <p><b>WARNING - TO REDUCE THE RISK OF ELECTRIC SHOCK - UNPLUG BEFORE CLEANING OR SERVICING.</b></p>	<ul style="list-style-type: none"><li>• Death or nonvoluntary can result if cautions not used while exercising.</li><li>• Une précaution lors de l'utilisation de cet appareil pourrait être dangereuse, voire mortelle.</li><li>• Care should be used when mounting or dismounting machine.</li><li>• Faites attention lorsque vous montez sur la machine ou en descendez.</li></ul>	<ul style="list-style-type: none"><li>• Keep children away at all times.</li><li>• Tenez les enfants éloignés de cet équipement à tout moment.</li><li>• Heart rate display may be inaccurate and should be used for reference only.</li></ul>
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<ul style="list-style-type: none"><li>• Stop exercise if you feel faint, dizzy, or experience pain.</li><li>• Obtain medical exam before beginning any exercise program.</li></ul>	<ul style="list-style-type: none"><li>• Refer to Owner's Manual for additional warnings and safety information.</li></ul>
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TRUE FITNESS TECHNOLOGY, INC.  
ST LOUIS, MISSOURI 63366

Model No.  
**RES900-17**

Serial No./Date Code  
**16-RES900001A**

Rating: 100-240 Vac, 50/60 Hz, 12 W

 **ETL** LISTED  
CONFORMS TO ANSI/UL  
STD. 1647

**Intertek**  
3135202  
CERTIFIED TO CAN/CSA  
STD. C22.2 NO.68

Intertek Testing Services Taiwan Ltd. MADE IN TAIWAN

## COMPLIANCES:

This equipment complies with all applicable codes and regulations. For a complete list of compliances, please visit [www.truefitness.com](http://www.truefitness.com).

## CHAPTER 2: ASSEMBLY INSTRUCTIONS

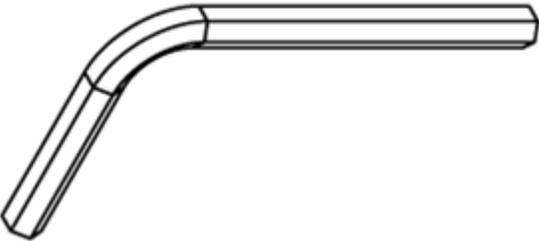
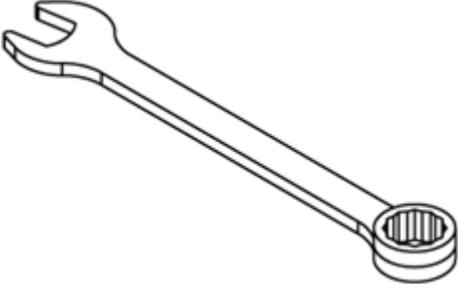
### ⚠ CAUTION:

- Read and understand all instructions and warnings prior to use.
- Obtain a medical exam before beginning any exercise program. If at any time during exercise you feel faint, dizzy, or experience pain, stop and consult your physician.
- Obtain proper instruction prior to use.
- This machine is intended for residential use only.
- Inspect the bike for incorrect, worn, or loose components and do not use until corrected, replaced, or tightened prior to use.
- Do not wear loose or dangling clothing while using bike.
- Care should be used when mounting or dismounting bike.
- Disconnect all power (if applicable) before servicing bike.
- Do not exceed maximum user weight of 350 lbs.
- Keep children and animals away.
- Use caution when moving and assembling bike.
- All exercise equipment is potentially hazardous. If attention is not paid to the conditions of equipment usage, death, or serious injury could occur.
- Save these instructions.

\*Should you need technical assistance in assembly of your TRUE Fitness product, contact TRUE Fitness Technical Support at 1-800-883-8783.

### PRE-ASSEMBLY CHECK LIST:

#### Provided Tools:

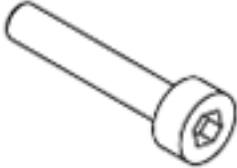
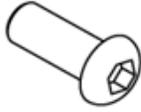
<p>5mm Hex Wrench</p> 	<p>6mm Hex Wrench</p> 
<p>8mm Hex Wrench</p> 	<p>15mm Pedal Wrench</p> 

**NOTE:** Phillips Head Screwdriver (used during steps 6, 7, 12 & 13) is NOT provided

# CHAPTER 2: ASSEMBLY INSTRUCTIONS

## PRE-ASSEMBLY CHECKLIST (continued):

Provided hardware:

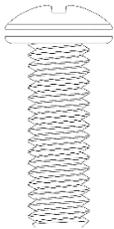
STEP 1 & 2 (FRONT & REAR STABILIZER BARS)	STEP 4 (SEAT HANDLEBAR)
 Hex Screw, M10xL55 (X1) Qty. 4   Split Washer, M10 (S1) Qty. 4   Flat Washer, M10 (F1) Qty. 4	 Counter-bore Hex Screw, M8xL20 (C4) Qty. 4   Hex Screw, M8xL20 (X4) Qty. 2   Split Washer, M8 (S4) Qty. 2   Flat Washer, M8 (F4) Qty. 2
STEP 5 (SEAT BACK FRAME PIVOT ASSEMBLY)	STEP 6 (REAR SEAT PIVOT COVER)
 Hex Screw, M6xL15 (X5) Qty. 8   Split Washer, M8 (S5) Qty. 8   Flat Washer, M8 (F5) Qty. 8	 Phillips Head Screw, M5xL15 (X6) Qty. 2   Flat Washer, M5 (F6) Qty. 2
STEP 7 (SEAT BACK FRAME COVER)	STEP 11 (FRONT MAST)
 Phillips Head Screw, M5xL20 (X7) Qty. 4	 Hex Screw, M10xL16 (X11) Qty. 5   Split Washer, M10 (S11) Qty. 5
STEP 12 (MEDIA HOLDER)	 Flat Washer, M10 (F11) Qty. 5
 Counter-bore Phillips Head Screw, M5xL15 (X12) Qty. 2	

## CHAPTER 2: ASSEMBLY INSTRUCTIONS

### **PRE-ASSEMBLYCHECKLIST(continued):**

Provided hardware:

Step 16 (Tablet Holder)



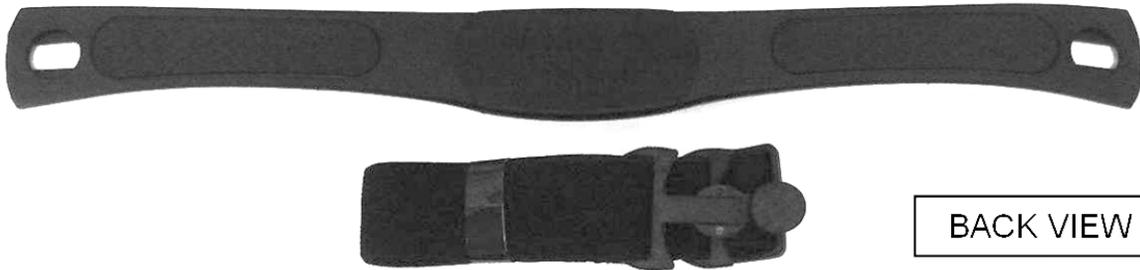
Pan Head Phillips Screw M4

## CHAPTER 2: ASSEMBLY INSTRUCTIONS

### PRE-ASSEMBLY CHECKLIST (continued):

#### Additional Items Provided:

POLAR T34 Transmitter and Chest Strap (Heart Rate Monitor)



## CHAPTER 2: ASSEMBLY INSTRUCTIONS

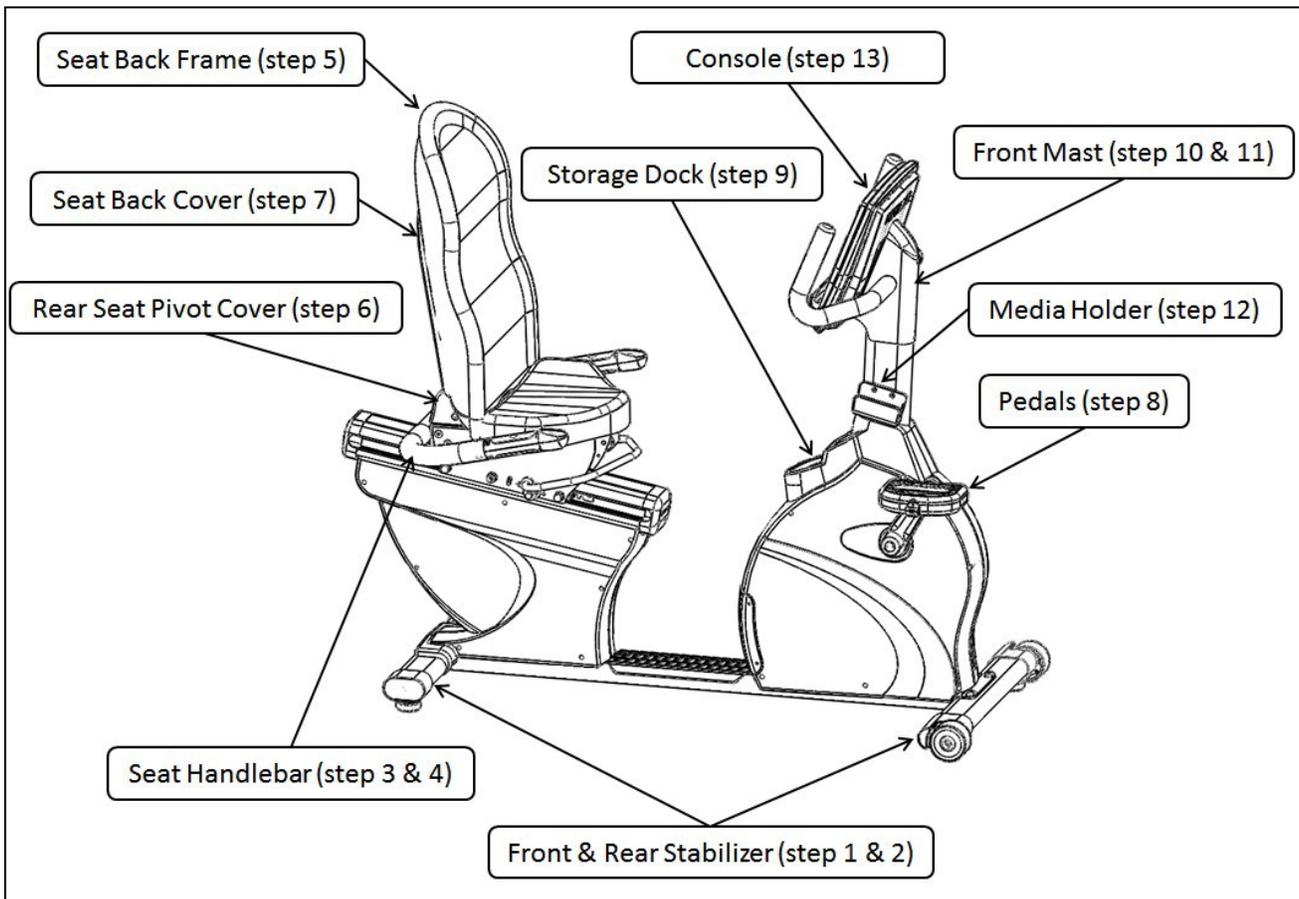
### ASSEMBLY STEPS:

#### ⚠ CAUTION:

- Use caution when assembling bike. It is recommended that at least two people unpack and assemble bike.
- Remove all bike components from packaging.
- For each step use hardware in the corresponding bag

#### Sub-Assembly Identification:

Use the image below as a reference for where the provided sub-assemblies will be located in the complete bike assembly:



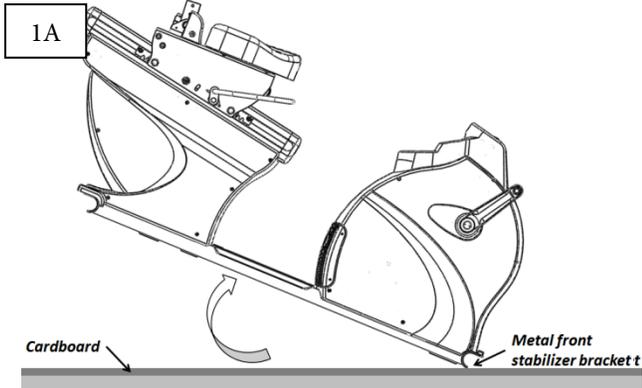
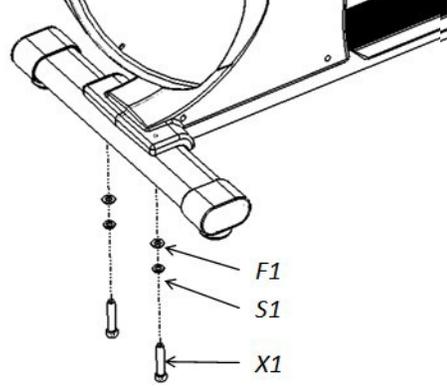
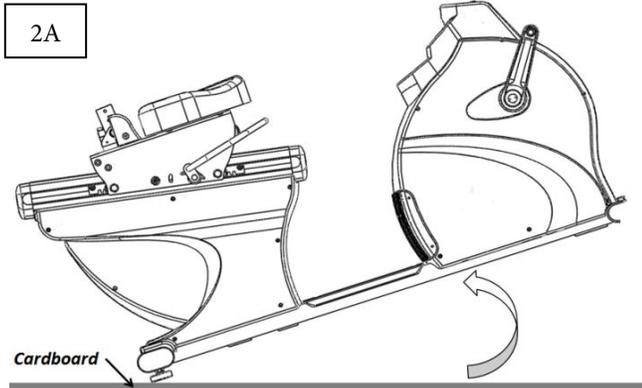
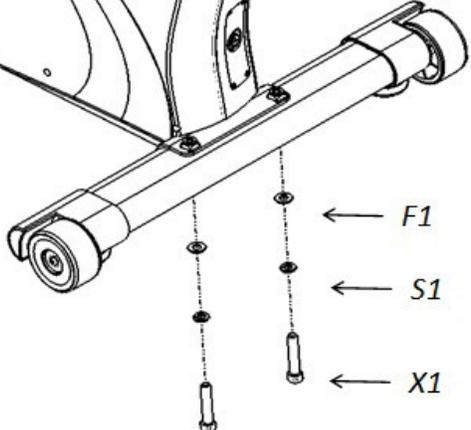
# CHAPTER 2: ASSEMBLY INSTRUCTIONS

## ASSEMBLY STEPS (continued):

### Step 1 & 2 Front and Rear Stabilizer Bars:

#### ⚠ CAUTION:

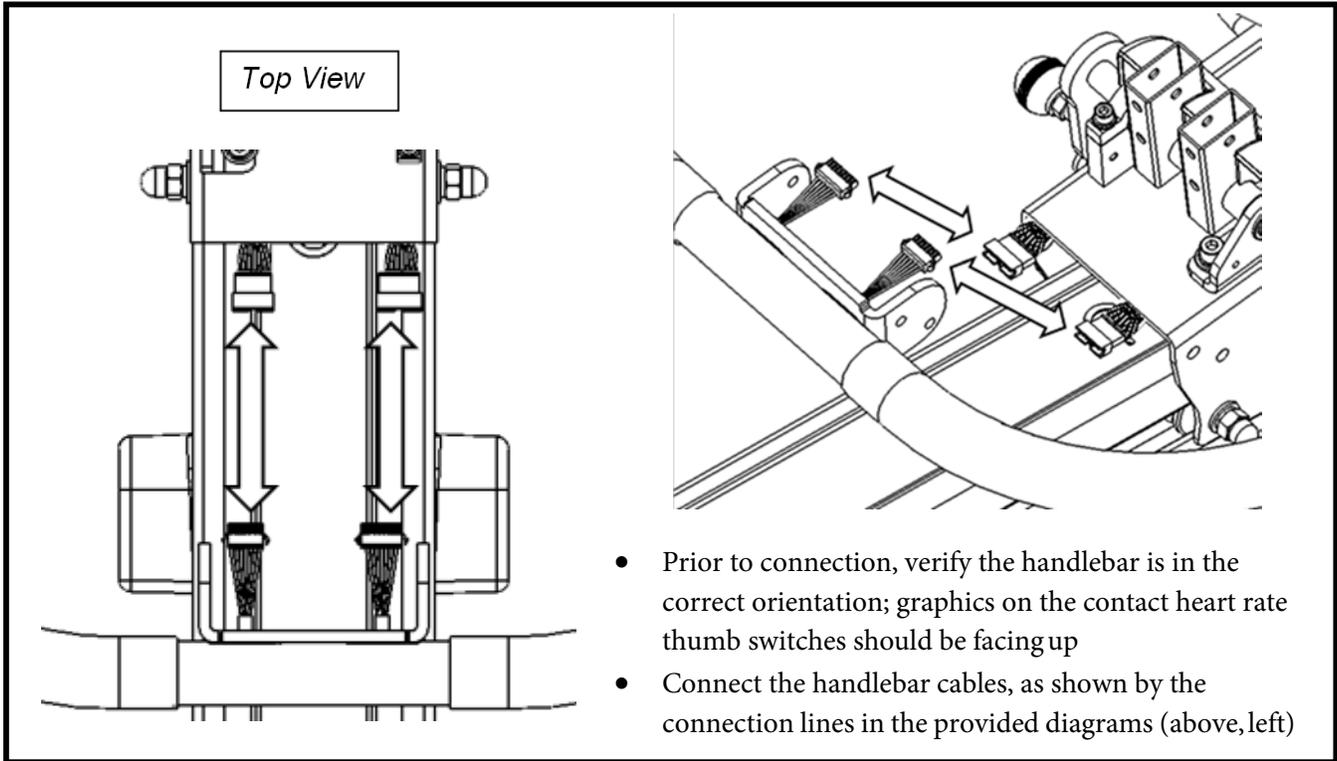
- It is recommended that at least 2 people are used to assemble the bike.
- To protect the floor from damage, rest the bike frame on a large piece of cardboard packaging.

<p>1A</p>  <ul style="list-style-type: none"><li>• Rotate the frame forward on the Front Stabilizer bracket (metal)</li><li>• At least one person should hold the frame, while another person completes the remaining Rear Stabilizer installation steps</li></ul>	<p>1B</p>  <ul style="list-style-type: none"><li>• For each screw, install through split washer then flat washer</li><li>• Insert Rear Stabilizer into the metal bracket</li><li>• Install each screw through the bottom of the metal bracket, then through the Rear Stabilizer</li><li>• Tighten using the provided 8mm hex wrench</li></ul>
<p>2A</p>  <ul style="list-style-type: none"><li>• Rotate the frame backwards on the Rear Stabilizer</li><li>• At least one person should hold the frame, while another person completes the remaining Front Stabilizer installation steps</li></ul>	<p>2B</p>  <ul style="list-style-type: none"><li>• For each screw, install through split washer then flat washer</li><li>• Insert Front Stabilizer into the metal bracket</li><li>• Install each screw through the bottom of the metal bracket, then through the Front Stabilizer</li><li>• Tighten using the provided 8mm hex wrench</li></ul>

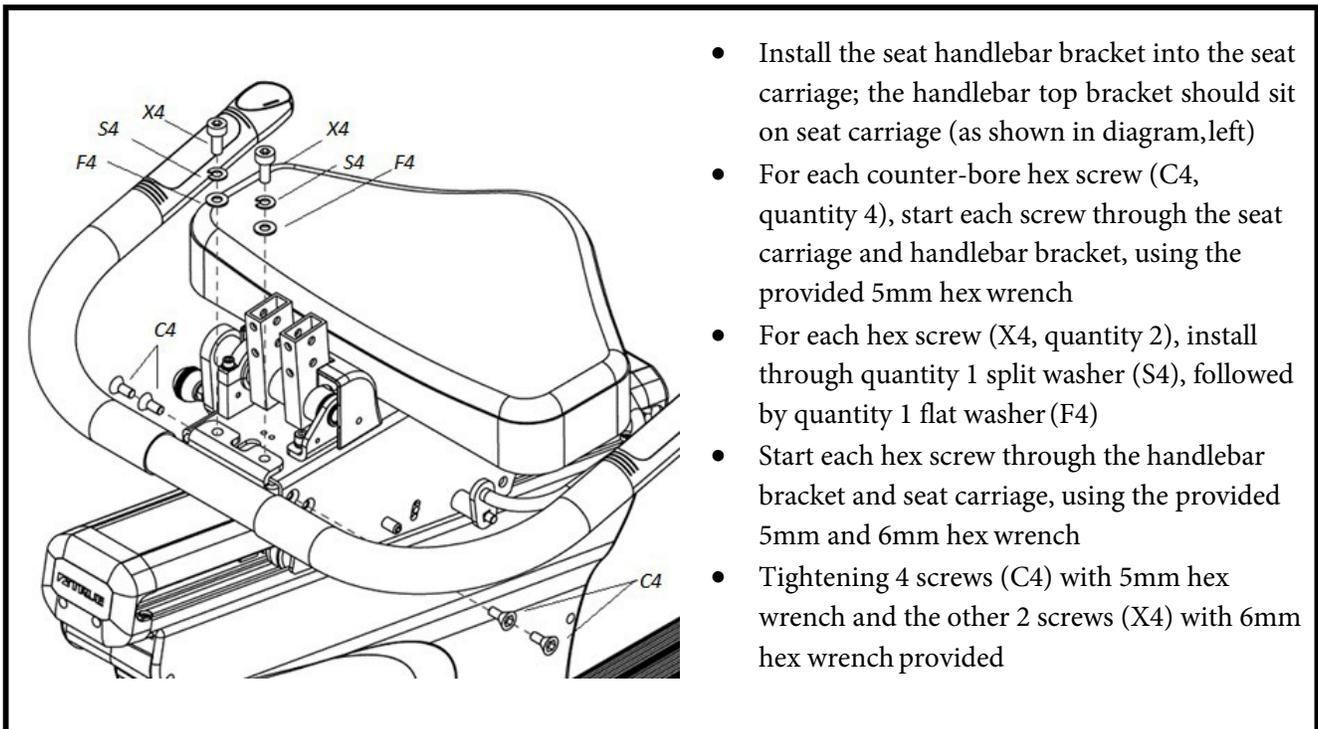
## CHAPTER 2: ASSEMBLY INSTRUCTIONS

### ASSEMBLY STEPS (continued):

#### Step 3 Seat Handlebar Cable Connections:



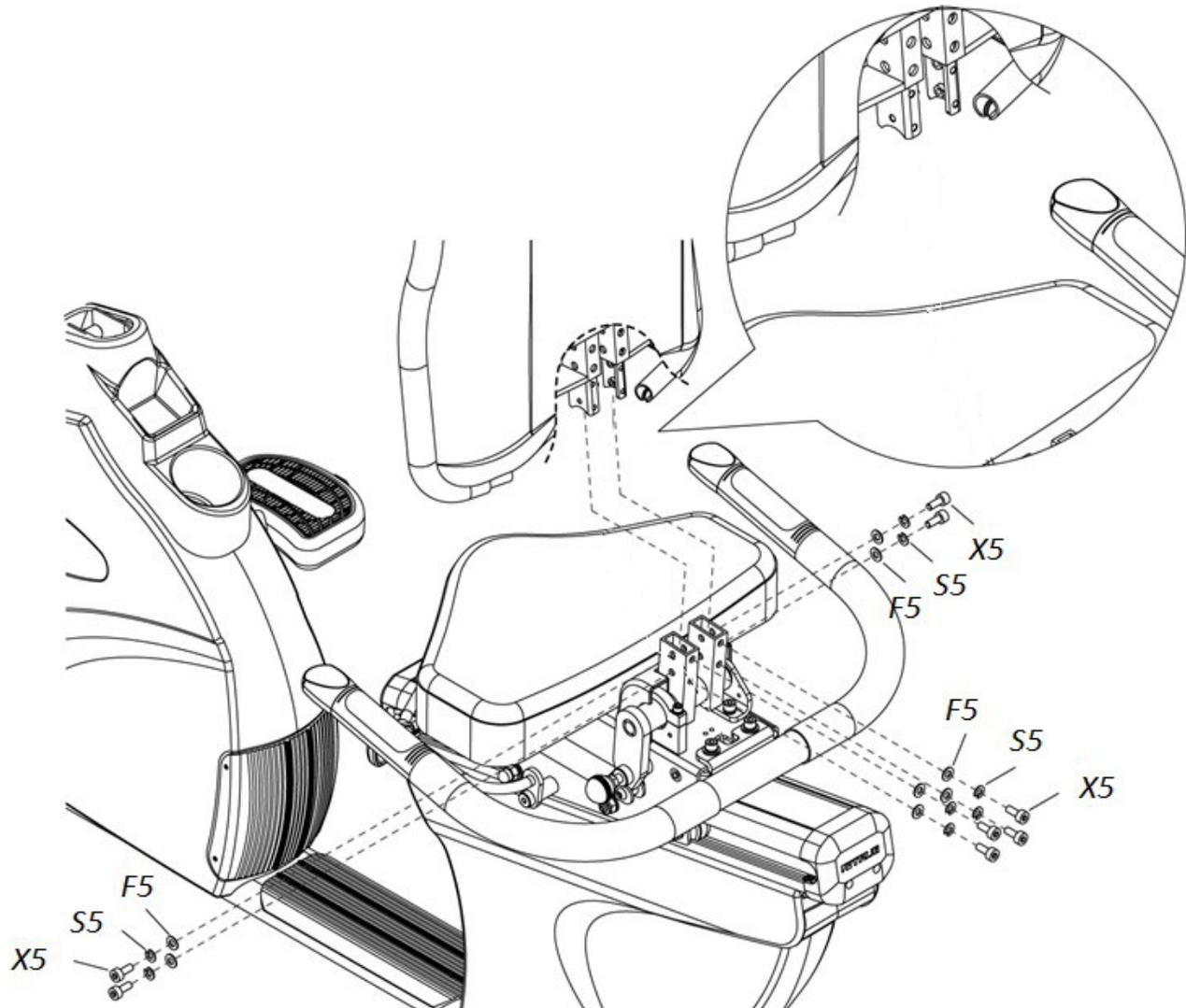
#### Step 4 Seat Handlebar Assembly:



## CHAPTER 2: ASSEMBLY INSTRUCTIONS

### ASSEMBLY STEPS (continued):

#### Step 5 Seat Back Frame Assembly:

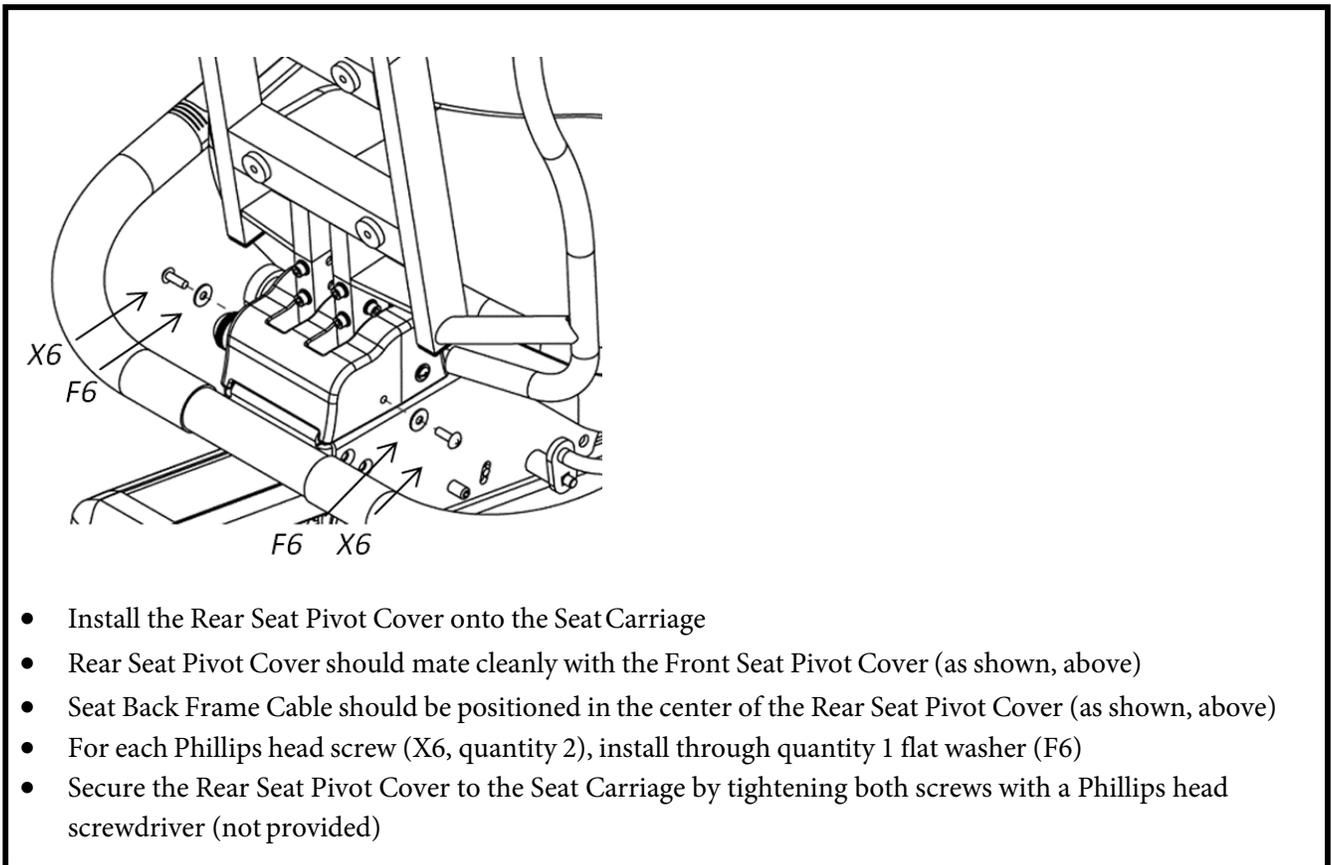


- Install the seat back frame into the seat carriage
- For each hex screw (X5, quantity 8), install through quantity 1 split washer (S5), followed by quantity 1 flat washer (F5)
- Secure the seat back frame to the seat carriage by tightening all 8 screws with the provided 5mm hex wrench
- Verify that the seat back frame is secured tightly to the seat carriage; tighten screws if necessary

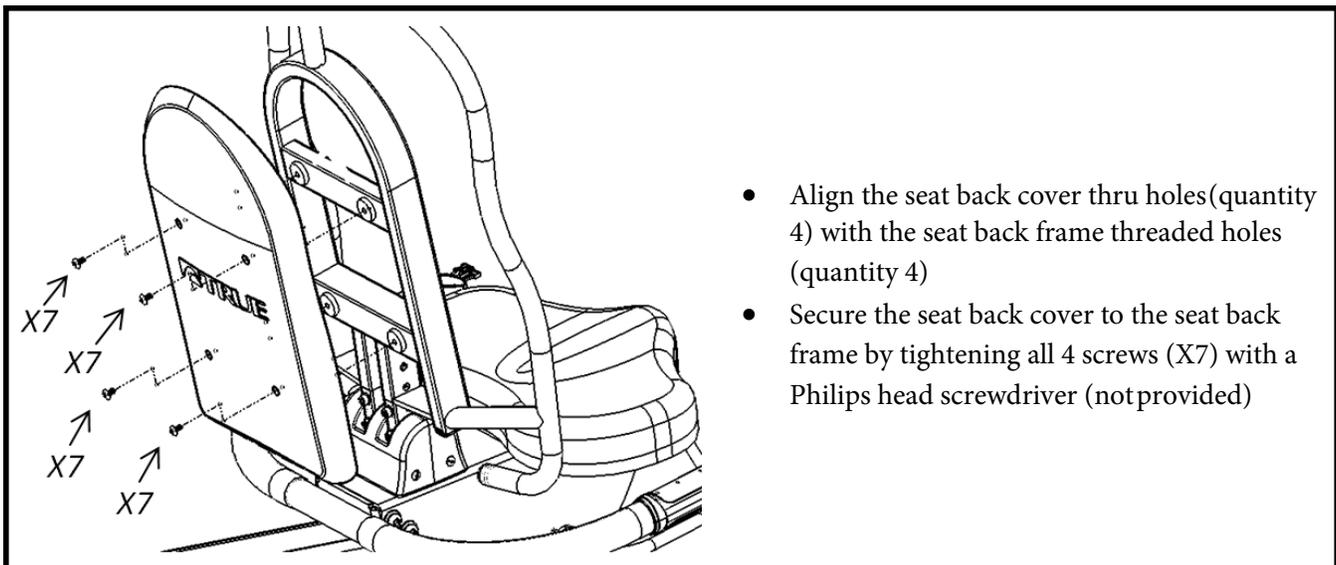
## CHAPTER 2: ASSEMBLY INSTRUCTIONS

### ASSEMBLY STEPS (continued):

#### Step 6 Rear Seat Pivot Cover Assembly:



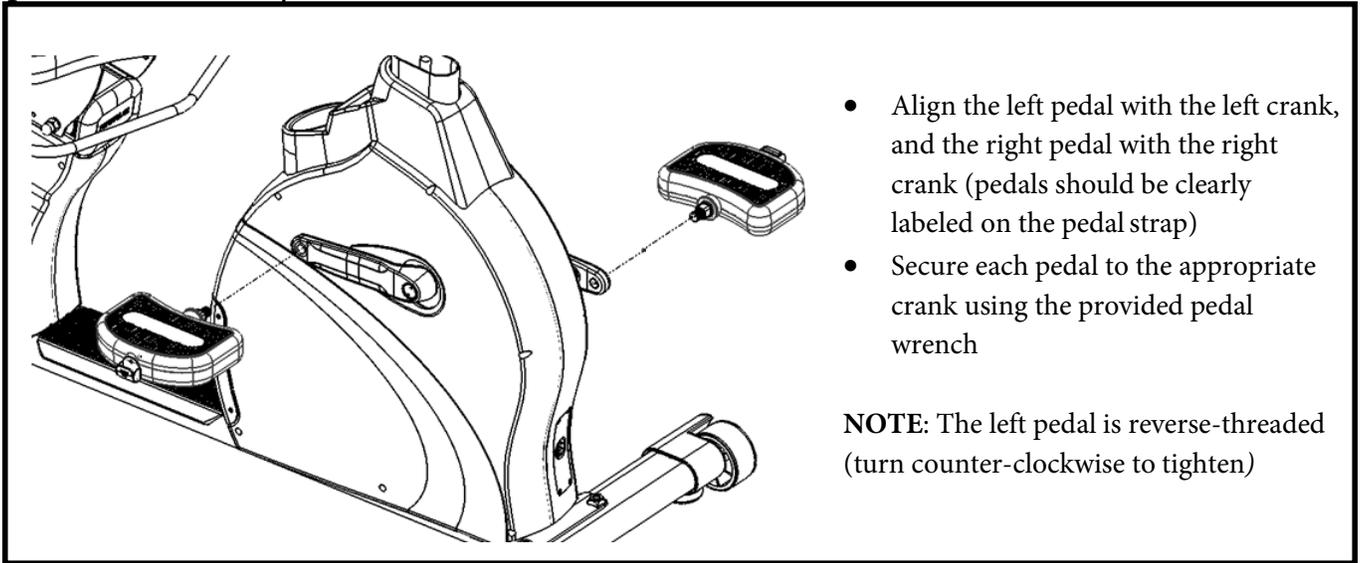
#### Step 7 Seat Back Frame Cover Assembly:



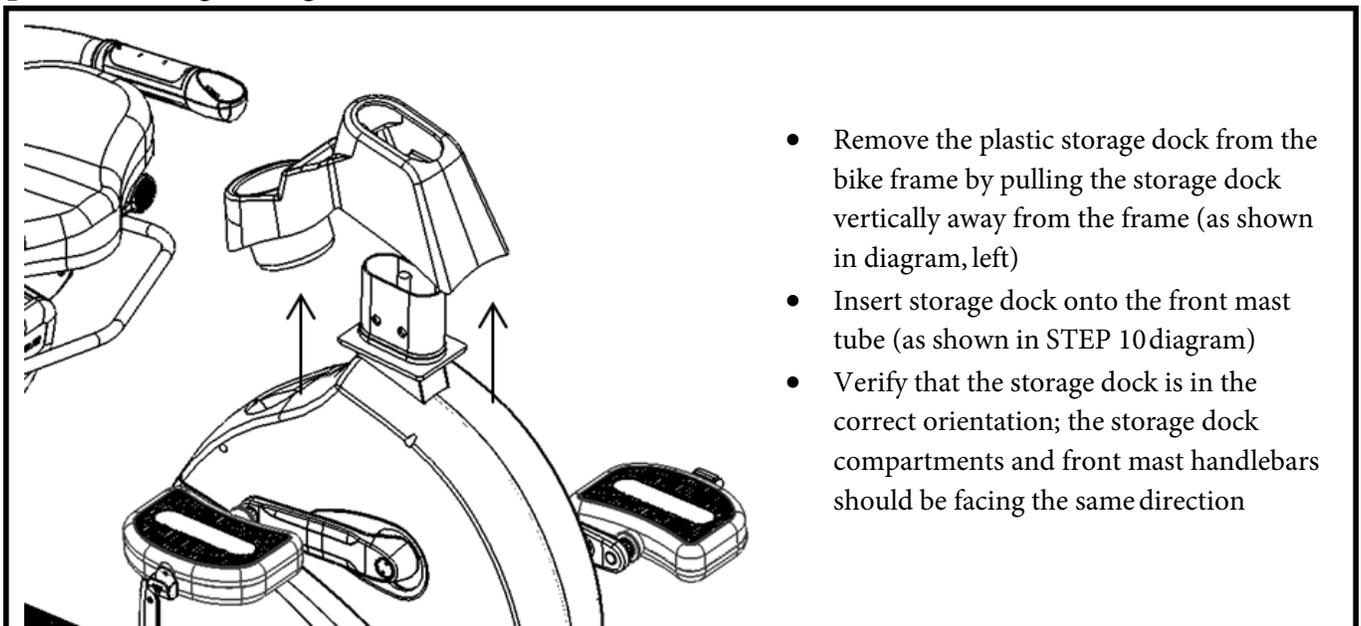
## CHAPTER 2: ASSEMBLY INSTRUCTIONS

### ASSEMBLY STEPS (continued):

#### Step 8 Pedal Assembly:



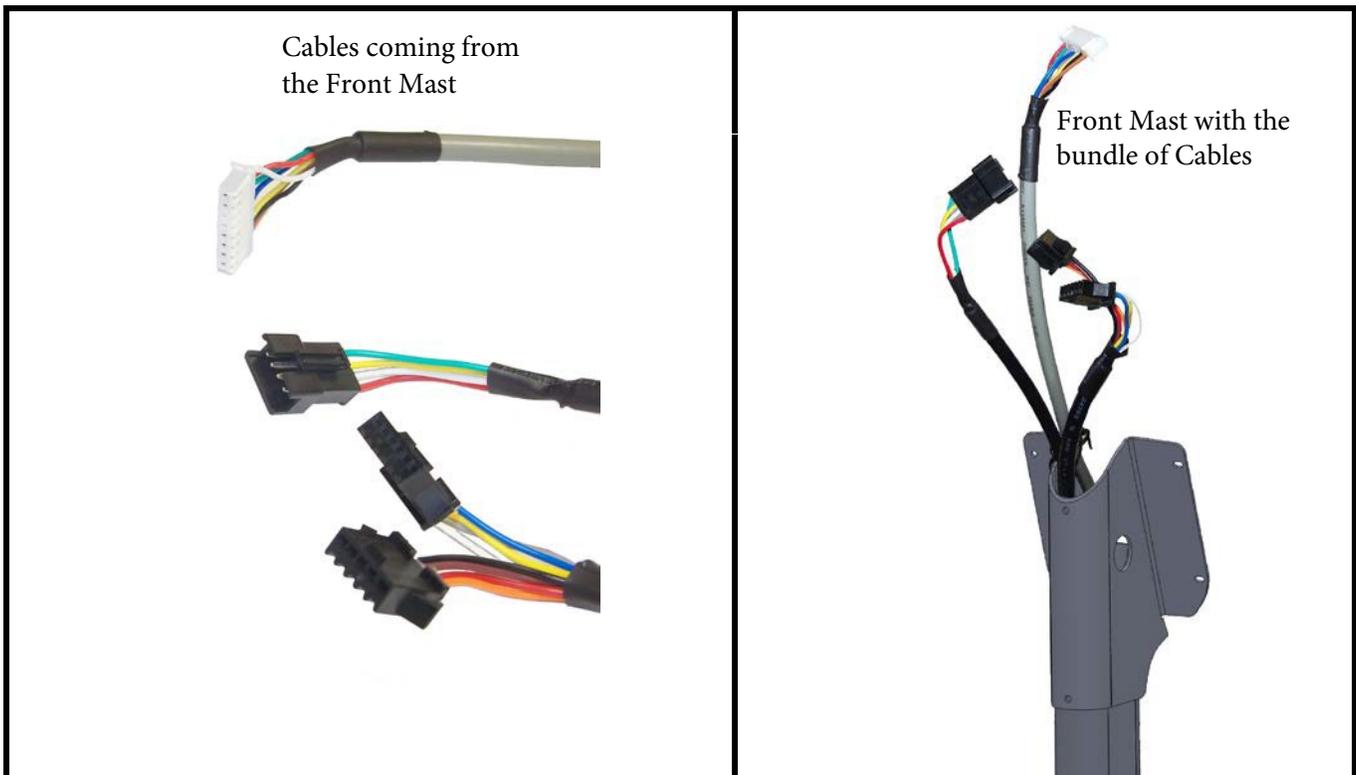
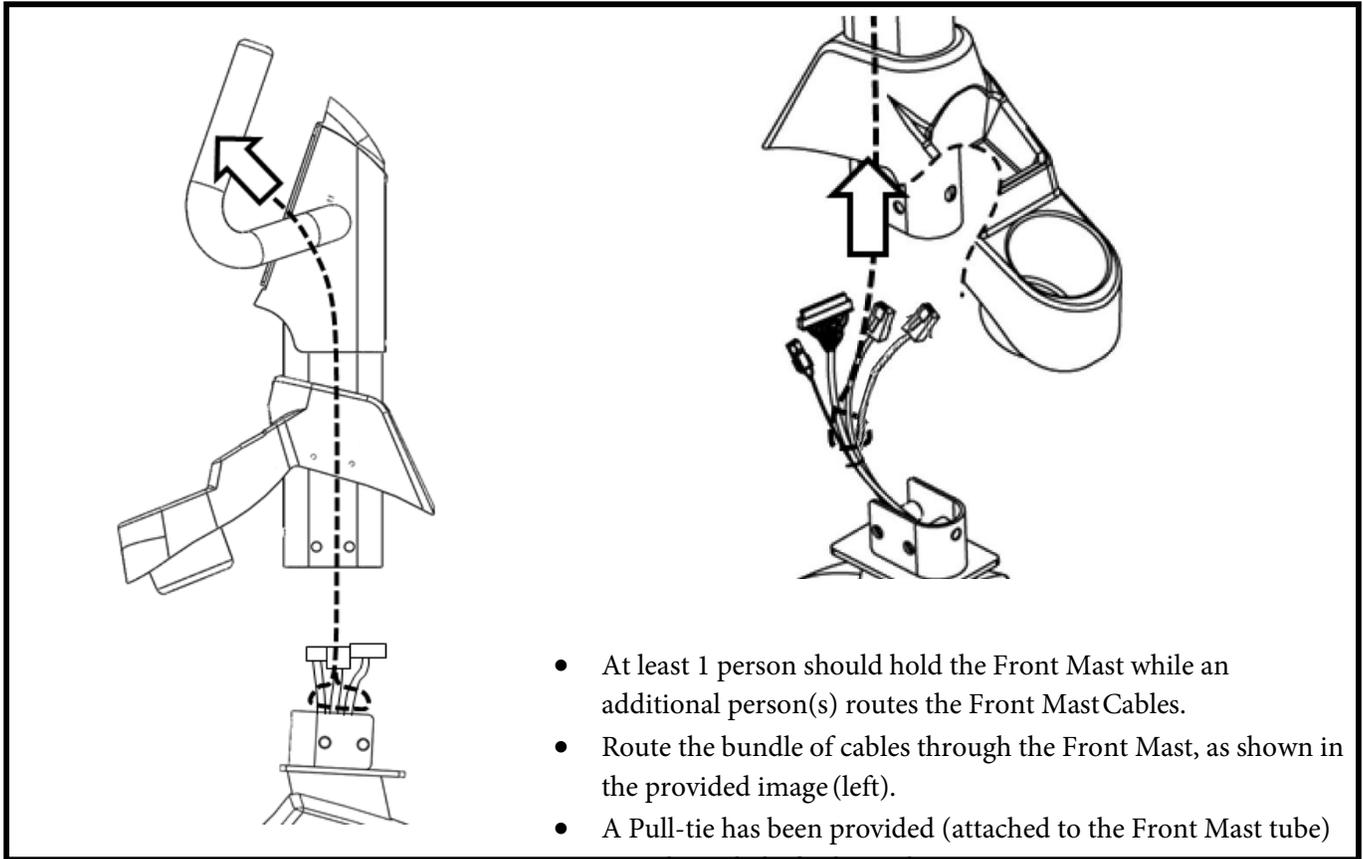
#### Step 9 Removing Storage Dock:



## CHAPTER 2: ASSEMBLY INSTRUCTIONS

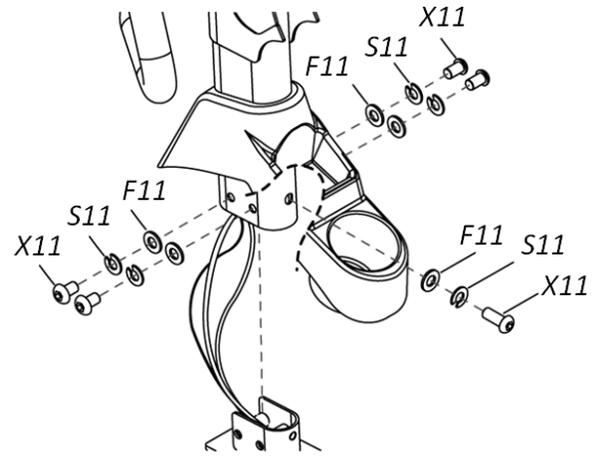
### ASSEMBLY STEPS (continued):

#### Step 10 Front Mast Cable Connections:



## CHAPTER 2: ASSEMBLY INSTRUCTIONS

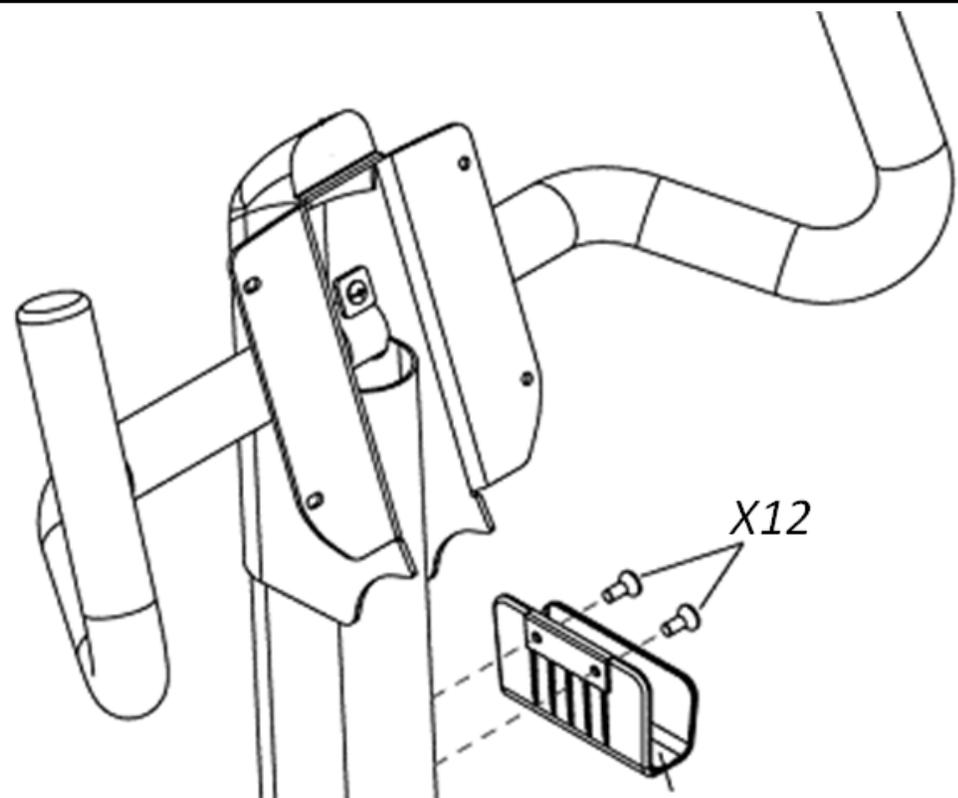
### Step 11 Front Mast Assembly:



The diagram shows the front mast assembly being attached to the bike frame. Five screws (X11) are shown being inserted through the front mast into the bike frame. Each screw is accompanied by a split washer (S11) and a flat washer (F11). The front mast is shown in its correct orientation, with the storage dock compartments and front mast handlebars facing the seat assembly. The storage dock is shown being pulled down vertically to cover the bottom of the front mast assembly.

- Install the front mast onto the bike frame; the short bracket on the bike frame should fit inside the front mast tube
- Verify that the front mast is in the correct orientation; the storage dock compartments and front mast handlebars should be facing the seat assembly
- For each hex screw (X11, quantity 5), install through quantity 1 split washer (S11), followed by quantity 1 flat washer (F11)
- Secure the front mast to the bike frame by tightening all 5 screws with the provided 6mm hexwrench
- Verify that the front mast is secured tightly to the bike frame; tighten screws if necessary
- Pull the storage dock down vertically so it covers the bottom of the front mast assembly; the cup holder should fit inside a mating hole on the plastic shrouds

### Step 12 Media Holder



The diagram shows the media holder being attached to the front mast. Two screws (X12) are shown being inserted through the media holder into the front mast. The media holder is shown in its correct orientation, with the front mast through holes aligned with the media holder through holes.

- Align the media holder through holes (quantity 2) with the front mast through holes (quantity 2); verify that the media holder is in the correct orientation (as shown in the diagram above).
- Secure the media holder to the front mast by tightening both screws (X12, quantity 2) with a Phillips head screwdriver (not provided).

# CHAPTER 2: ASSEMBLY INSTRUCTIONS

## ASSEMBLY STEPS (continued):

### Step 13 Console Cable Connections (continued):

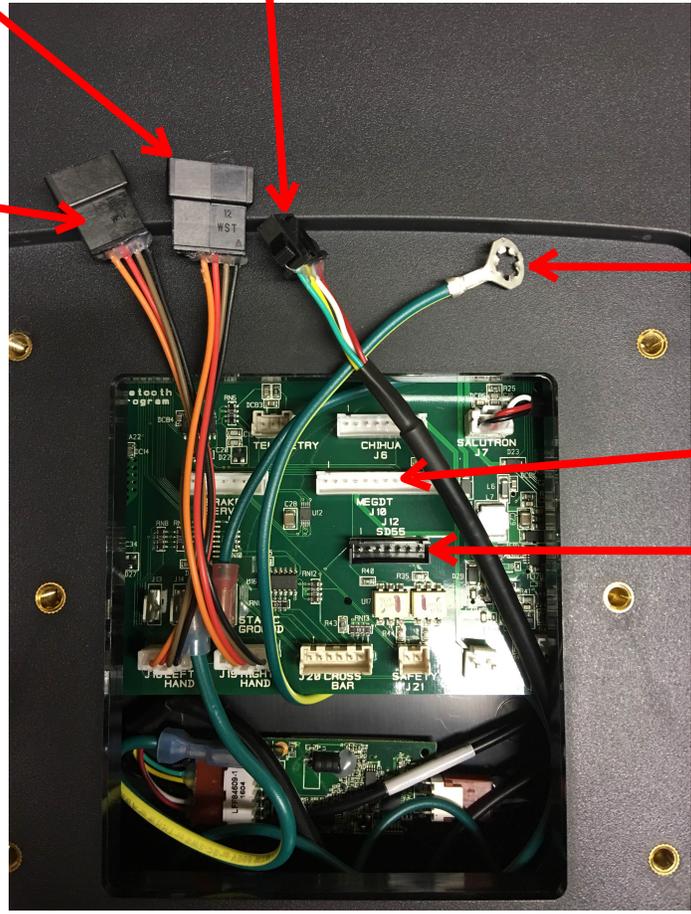
**9" Touch Console**



Connect to 4-pin connector

Connect to 6-pin connector

Connect to 5-pin connector



Ground connector (see next page)

Insert Chihua white 8-pin connector

**DO NOT** insert SD55 black 7-pin connector

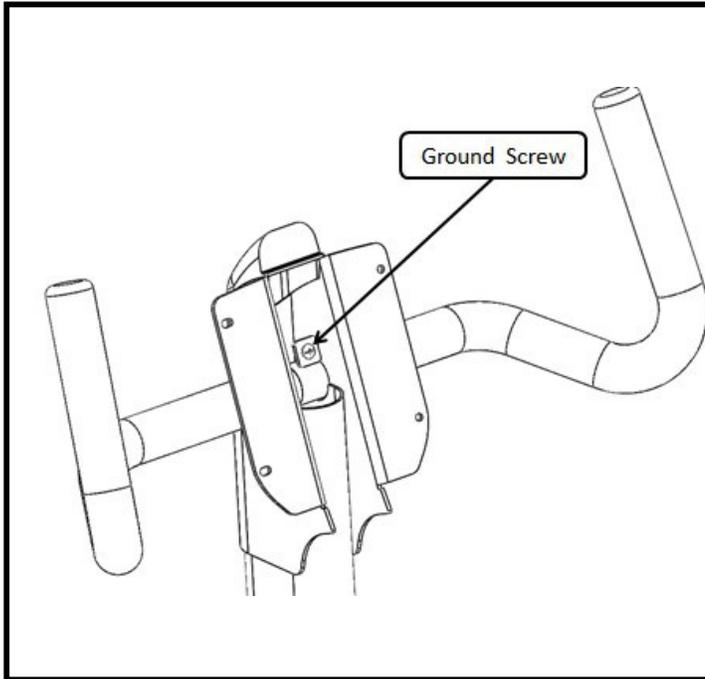
All ground wires must be connected

*NOTE: Ethernet cable connection is not available on the 9" Touch Console.*

## CHAPTER 2: ASSEMBLY INSTRUCTIONS

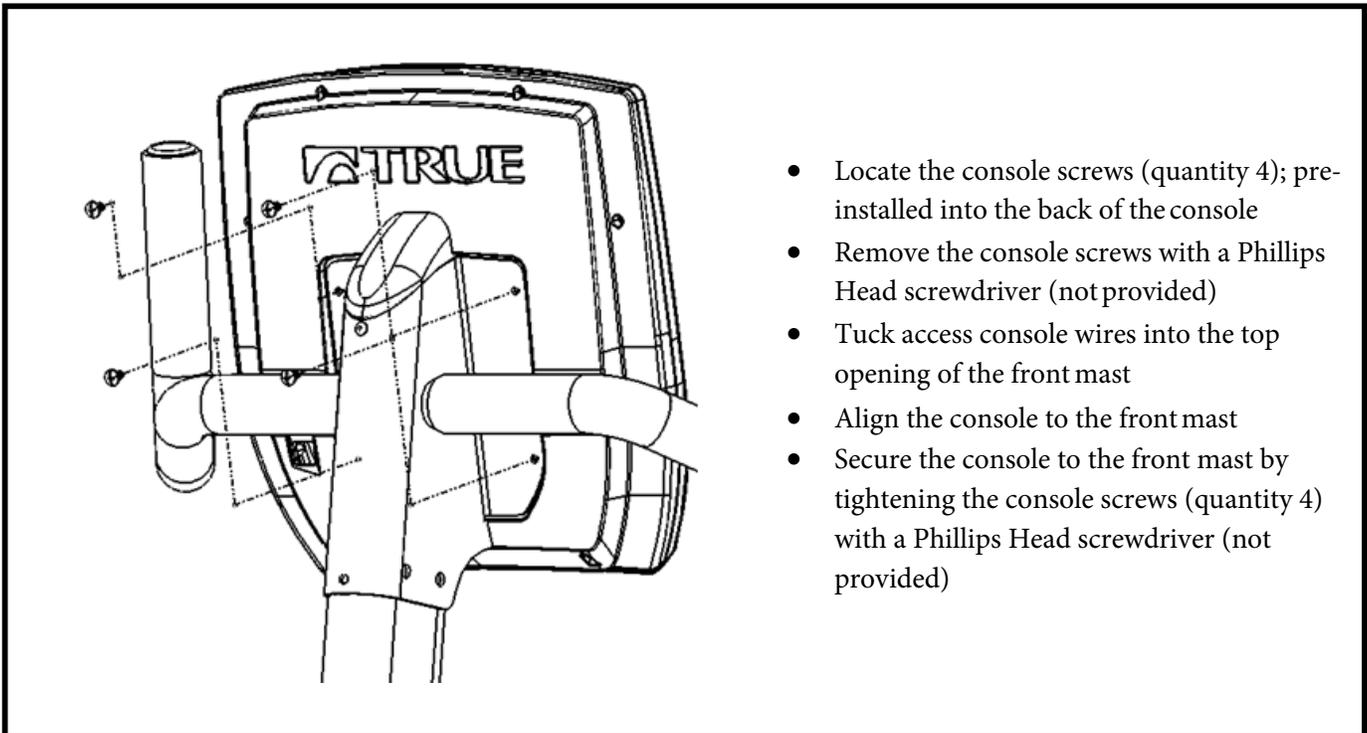
### ASSEMBLY STEPS (continued):

#### Step 14 Console Ground Connection:



- Locate the ground screw; pre-installed into the grounding hole on the front mast console bracket
- Remove the ground screw with a Phillips Head screwdriver (not provided)
- Thread the shaft of the ground screw through the metal ring attached to the green console ground wire (identified on previous page)
- Re-attach the ground screw to the front mast console bracket
- Verify that the metal ground ring is compressed between the head of the ground screw and the console bracket

#### Step 15 Console Front Mast Attachment:

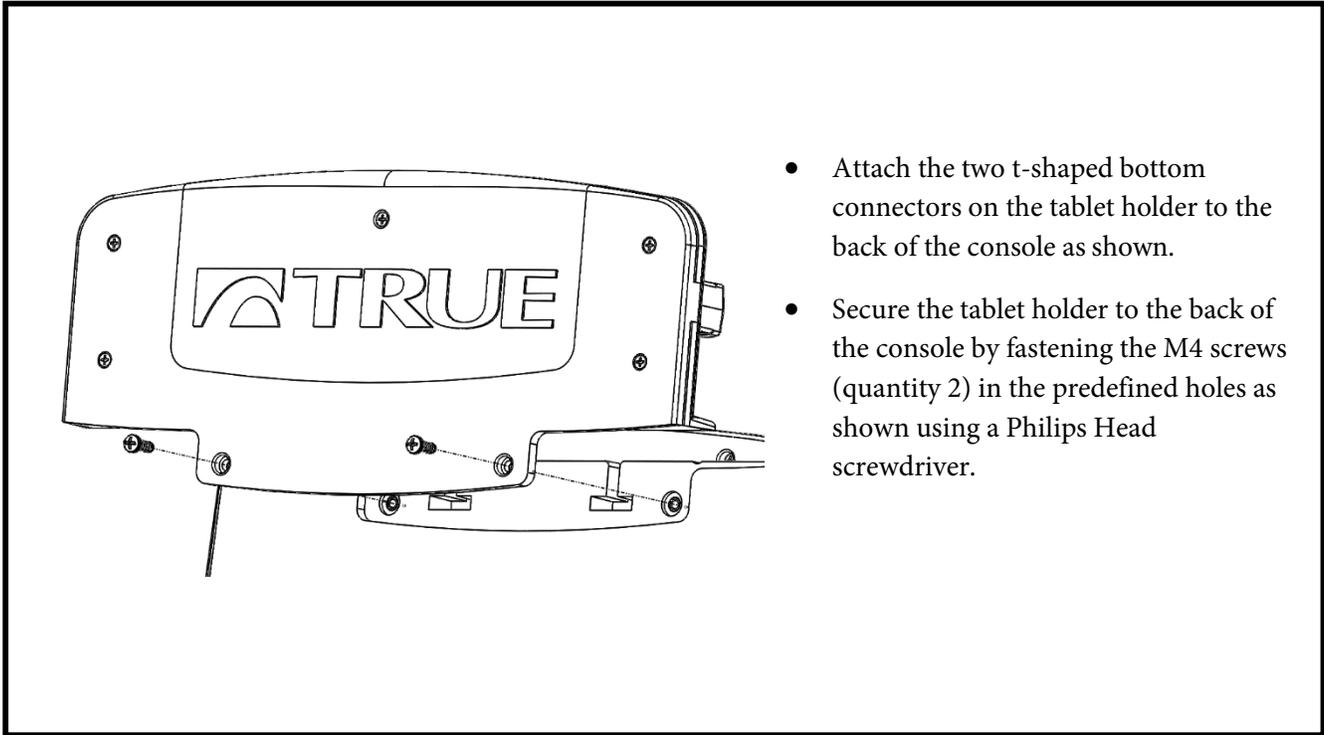


- Locate the console screws (quantity 4); pre-installed into the back of the console
- Remove the console screws with a Phillips Head screwdriver (not provided)
- Tuck access console wires into the top opening of the front mast
- Align the console to the front mast
- Secure the console to the front mast by tightening the console screws (quantity 4) with a Phillips Head screwdriver (not provided)

## CHAPTER 2: ASSEMBLY INSTRUCTIONS

### ASSEMBLY STEPS (continued):

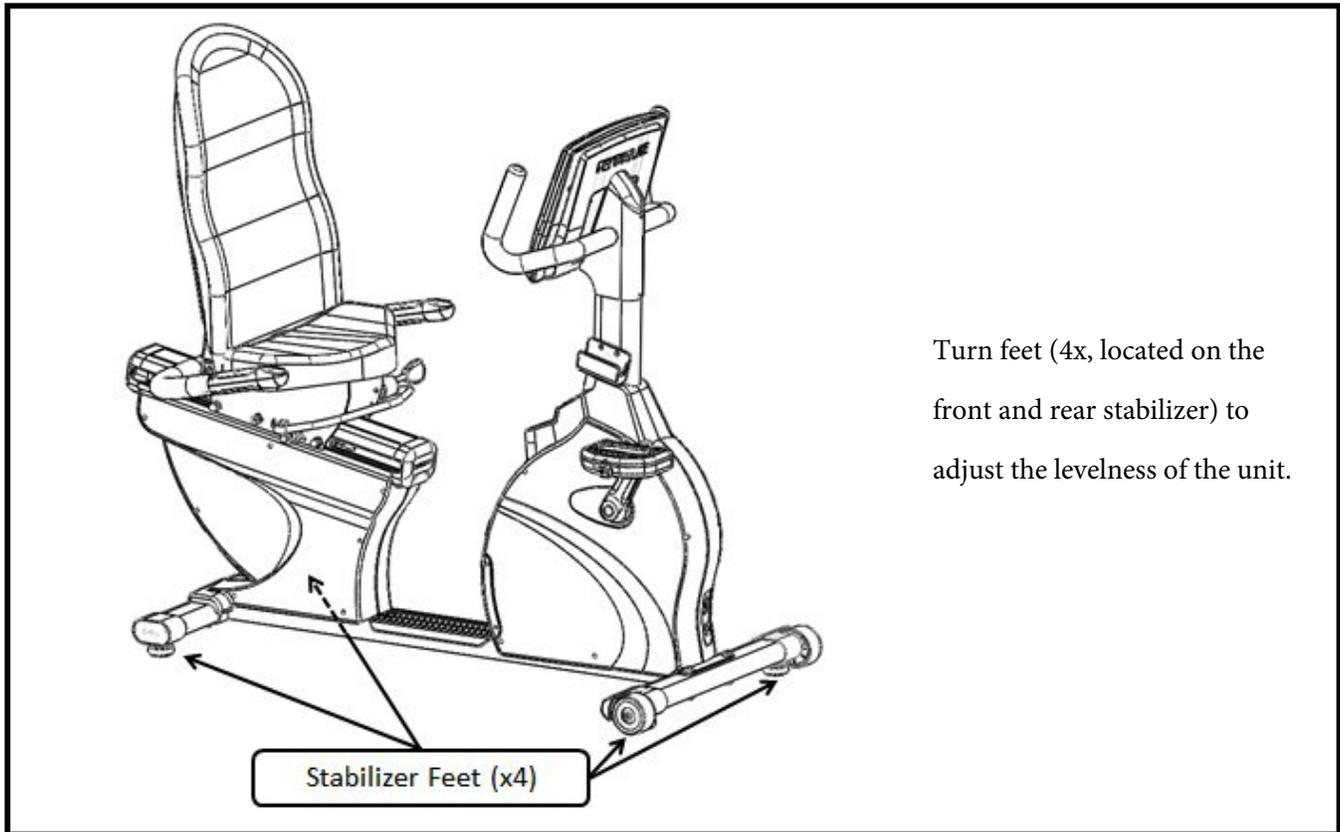
#### Step 16 Attach Tablet Holder to Console



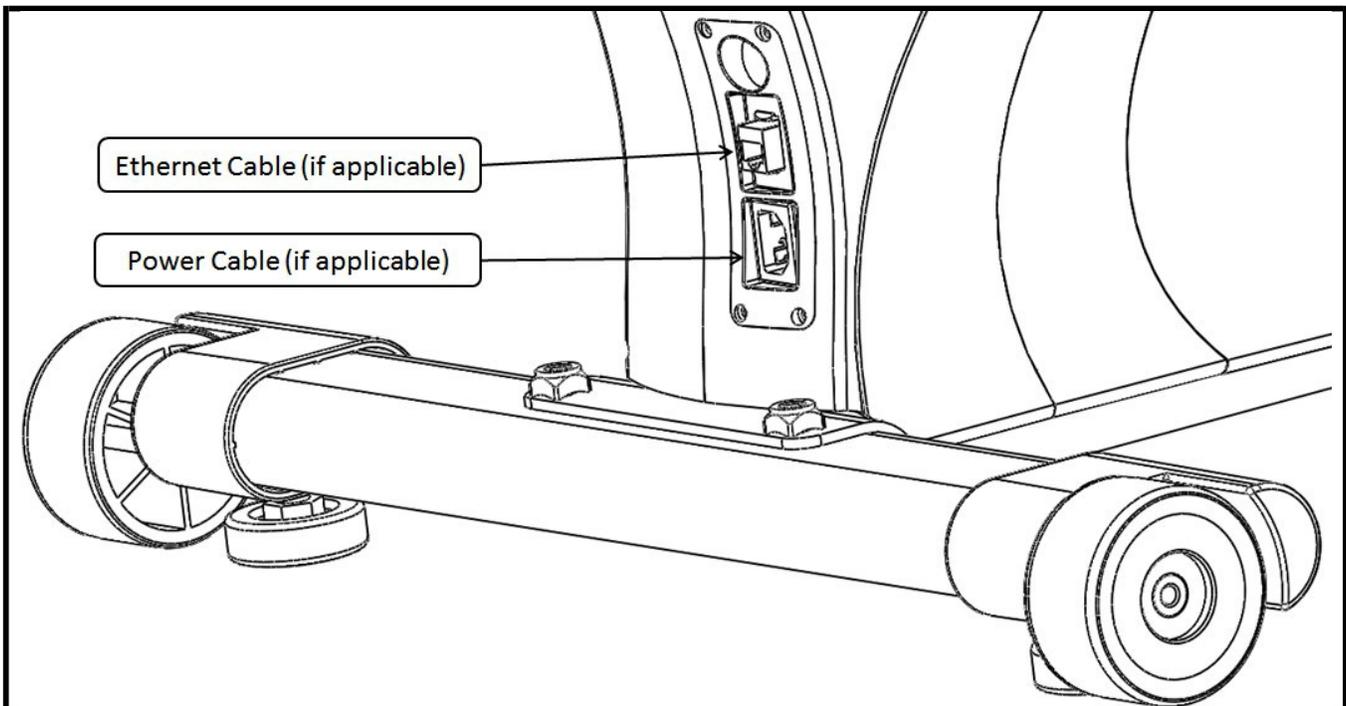
## CHAPTER 2: ASSEMBLY INSTRUCTIONS

### ASSEMBLY STEPS (continued):

#### Unit Leveling (if necessary):



#### Final Unit Connections:

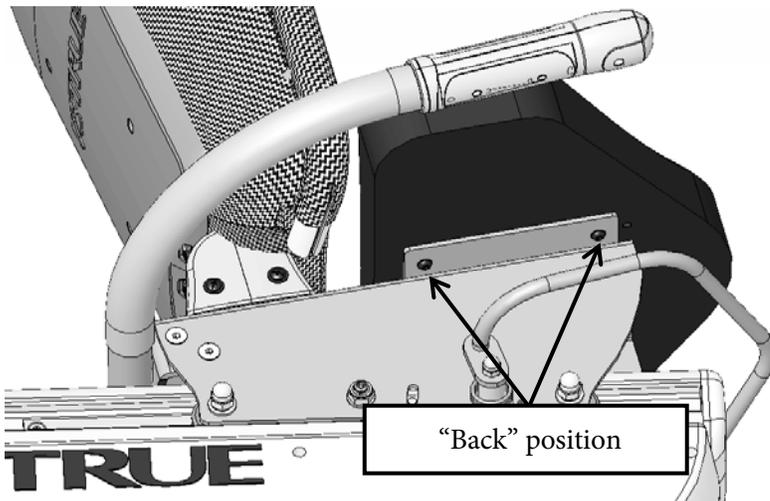


## CHAPTER 2: ASSEMBLY INSTRUCTIONS

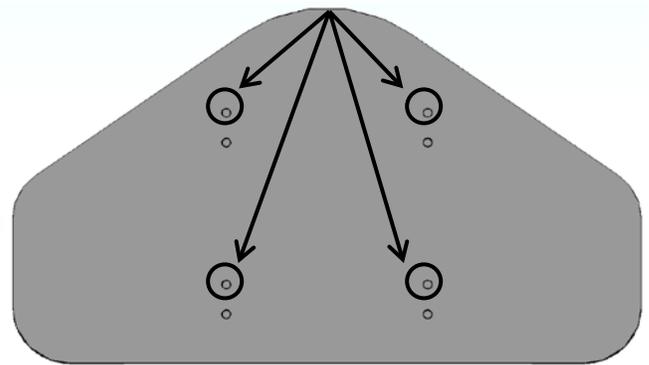
### ASSEMBLY STEPS (continued):

#### Seat Bottom Adjustment (if necessary):

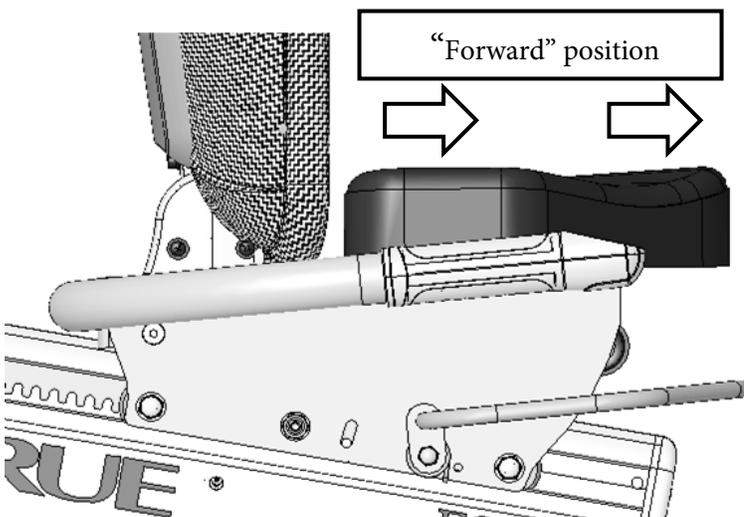
The following information discusses the adjustability of the seat bottom position relative to the mesh seat back.



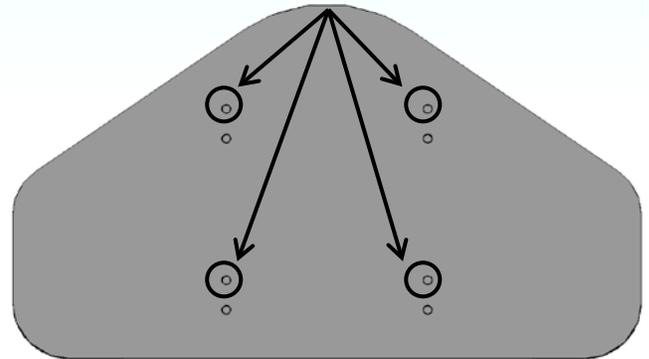
Threaded seat bottom holes used for the  
"Back" position



The default seat bottom position is towards the back, creating a minimal amount of space between the seat bottom and the mesh seat back.



Threaded seat bottom holes used for the  
"Forward" position



To adjust the seat bottom position forward, creating more room between the seat bottom and the mesh seat back, complete the following steps:

1. Use a hex wrench to uninstall the seat bottom from the seat carriage
2. Slide the seat bottom forward, locating the secondary ("Forward") threaded seat bottom hole positions
3. Use a hex wrench to re-install the seat bottom to the seatcarriage

# CHAPTER 3: PRODUCT OVERVIEW

## RECUMBENT BIKE OVERVIEW:



## CHAPTER 3: PRODUCT OVERVIEW

### **RECUMBENT BIKE OVERVIEW (CONTINUED):**

#### Console Assembly:

The Touchscreen console allows the user to set up a workout program and control the bike during a workout.

#### Contact Heart Rate Pads:

Allows the user to check their heart rate without wearing a wireless chest strap.

#### Bottle Holder:

Holds an average size drink bottle for convenient use during a workout.

#### Seat Adjustment Bar:

Used to adjust the position of the seat to a comfortable position for the user.

#### Pedals:

Moving part of the bike that provides resistance to the lower body during a workout.

#### Leveling Feet:

An adjustable system used to aid in the leveling the bike.

#### Quick Access Keys:

Allow the user to enter a Quick Start or Heart Rate Cruise Control workout and adjust the workload during a workout without removing your hands from the contact heart rate pads.

#### Battery Charge Port:

An external port used to charge the unit's internal battery.

## CHAPTER 4: PROGRAMMING & OPERATION

### **HEART RATE MONITORING:**

This bike can monitor a user's heart rate using either a Polar® compatible chest strap or the metal grips on the hand rails (called contact heart rate or CHR pads). A chest strap transmits the user's heart rate to the bike via radio, and the CHR pads connect to a special computer circuit to extract the user's heart rate.

#### Chest Strap Heart Rate Monitoring:

Although this bike functions fine without using the heart rate monitoring feature, this kind of monitoring gives valuable feedback on the user's effort level. Chest strap monitoring also allows users to use Heart Rate Control, the most advanced exercise control system available.

When users wear a Polar® compatible transmitter strap, the bike will display the user's heart rate as a digital beats-per-minute (bpm) readout.

The transmitter strap should be worn directly against the user's skin, about 1-2 inches below the pectoral muscles/breast line. Women should be careful to place the transmitter below their bra line.

Initially the transmission signal for heart rate may be erratic or non-existent. Some moisture is necessary between the strap and the user's skin for proper transmission. Sweat from exercise works best, but ordinary tap water may be used prior to the workout if desired.



#### A Note on Chest Strap Heart Rate Monitoring:

The chest strap produces a radio signal that the bike reads and registers as the user's heart rate. The accuracy of a reading may be affected when outside interference is present.

#### Contact Heart Rate (CHR):

The CHR system will let the user monitor their heart rate without wearing a chest strap. When using the CHR system users should gently grasp the CHR pads with both hands. Within 30 seconds, the user's heart rate should be displayed as digital bpm readout (during the first 30 seconds the system is analyzing and locking in the user's heart rate). Users should exercise with smooth body motions and breathe regularly. It is best to avoid talking while using the CHR system, as talking will cause unrepresentative heart rate spikes of 5 to 10 bpm. To ensure an accurate reading, the user's hands should be clean, free of both dirt and hand lotions.

#### A Note on CHR Accuracy:

CHR monitoring may be less accurate than chest strap monitoring since the heart rate signals are much stronger at the chest.

### **HEART RATE CONTROL (HRC):**

#### Introduction:

You are now the owner of the most sophisticated Heart Rate Control equipment available. TRUE HRC is unique and patented. It accommodates users from rehabilitation to world class athletes, and all those in between. TRUE HRC allows users to do a completely adjustment free heart rate controlled workout. By training at a specific target heart rate, users can exercise at a more efficient cardiovascular level.

## CHAPTER 4: PROGRAMMING & OPERATION

### **HEART RATE CONTROL (continued):**

The TRUE HRC system is unique because users must enter the key parameters of the workout; target heart rate, weight, age, and time, prior to beginning the HRC workout. As users approach their target heart rate, the bike's computer takes full control over the workout and changes the workout intensity automatically to keep users near their target heart rate. This allows for a completely "hands free" workout.

#### Target Heart Rate:

TRUE's heart rate control (HRC) workouts let the bike monitor relative exercise intensity by way of the user's heart rate, then automatically adjust the workout intensity to keep the user at their target heart rate and thus their desired exercise intensity. Heart rate is a good measure of the body's exercise stress level. It reflects differences in physical condition, fatigue, the comfort of the workout environment, even diet and emotional state. Users should compare their heart rate with how they feel to ensure safety and comfort.

#### Consult a physician to determine target heart rate:

Using heart rate to control a workout takes the guesswork out of the workout settings. Consult a physician before using heart rate controlled workouts for advice on selecting a target heart rate range. Also, it is important to use the bike for several workouts in the manual mode while monitoring heart rate. Users should compare their heart rate with how they feel to ensure safety and comfort. After users have spent some time learning how their heart responds to different workout intensity levels, they will have a better understanding of how to use the bike to reach their target heart rate.

#### Warm Up:

At the beginning of an HRC workout, the bike is in full Manual Control mode. Users should gradually increase the workout intensity to slowly raise their heart rate to within 10 beats per minute (bpm) of their target heart rate. The bike will operate as if in manual mode during the warm up stage. Users control the workout intensity. It is important that the user starts at a low level of perceived exertion and gradually increase the workout intensity over several minutes until they approach their target heart rate. This allows the body to adapt to the workout. Increasing the workout intensity gradually will allow the user to enter the heart rate control stage without overshooting their target, keeping their heart rate within a few bpm of their target.

\*Warming up too fast may cause the user to overshoot their target. If this occurs it may take several minutes before the computer software can control their heart rate. Users may overshoot and undershoot for several minutes until control is achieved.

#### Heart Rate Control Stage:

The bike takes full control of the workout intensity, keeping the user's heart rate within a few bpm of their target. When using the Interval HRC Workout, the bike alternates between work and rest intervals.

#### Cool-Down:

At the end of the workout time or distance, the bike reduces the workout intensity by half and goes back into Manual Control mode, where users directly control their cool-down.

# CHAPTER 4: PROGRAMMING & OPERATION

## PROGRAM DESCRIPTIONS:

Available programs vary depending on the console selected. Please refer to the chart below for assistance in determining which programs are available on this unit.

<p style="text-align: center;"><b>5a` æ^W Abf[a` e</b></p>	<div style="text-align: center;">  <p>9" Touchscreen Console</p> </div>
<p style="text-align: center;">**</p>	<p style="text-align: center;">YES</p>

### Quick Start: \*\*

A workout in which the user controls all settings. The workout continues until it is ended by the user

### Manual: \*\*

Users enter their weight, workout time or distance. The user controls the workout intensity throughout the workout.

### Hill Intervals: \*\*

Hill intervals are in 2-minute segments with increased WORKLOAD to simulate hills.

### Rolling Hills: \*\*

A series of gradual increasing and decreasing WORKLOAD changes that simulate rolling hills. Users can adjust their LEVEL at any time during the workout to increase or decrease intensity of the hills.

### Single Hill: \*\*

WORKLOAD increases to a maximum at the mid-point of the workout, then decreases to the finish to simulate one big hill.

### Random Hills: \*\*

A WORKLOAD profile that changes to simulate random hills. Users can adjust their LEVEL at any time during the workout to increase or decrease the intensity of the hills.

## CHAPTER 4: PROGRAMMING & OPERATION

### **PROGRAM DESCRIPTIONS (CONTINUED):**

#### Glute Buster: \*\*

A changing WORKLOAD profile simulates hilly terrain to promote intense glute muscle use.

#### Calorie Goal: \*\*

This workout allows users to choose the number of calories they wish to burn within a specified workout time. The WORKLOAD will adjust automatically to attain this goal.

#### Cardio Challenge: \*\*

WORKLOAD and suggested PACE (RPM) increase to a maximum at the mid-point of the workout, then decrease to the finish.

#### Pace Intervals: \*\*

This workout suggests PACE (RPM) intervals in 1-minute segments. The PACE SETTER shows the target pace along with the user's actual pace (RPM) throughout the workout.

#### Pace Ramp: \*\*

This workout suggests PACE (RPM) increases to a maximum at the mid-point of the workout, and then decreases to the finish. The PACE SETTER shows the user's target pace throughout the workout.

#### Leg Shaper: \*\*

A workout that suggests PACE changes to work the leg muscles with added intensity.

#### Distance Workouts:

Choose any one of our 4 common distance workouts - 5k, 10k, 2 mile or 4 mile.

#### Saved Workouts: \*\*

Access to previously saved workouts.

#### Custom Pace: \*\*

Users set up their own speed intervals. Easy to change setup screens allow users to customize any PACE SETTER (RPM) profile to add variation to their cardio session.

#### Custom Ultra: \*\*

If users are having trouble finding a workout that fits their specific needs, try setting up the Custom Ultra! This completely customizable workout setup allows WORKLOAD and PACE SETTER interval control as well as the ability to control interval time.

## CHAPTER 4: PROGRAMMING & OPERATION

### **PROGRAM DESCRIPTIONS (continued):**

#### HRC Cruise Control: \*\*

While in any program, Cruise Control will allow the user to set current heart rate as target heart rate by pressing a single button. The Cruise Control program takes control of WORKLOAD to maintain the users target Heart Rate. If Beats Per Minute exceeds the target by more than 12 BPM the workout will end and Cool Down will begin.

#### HRC Target: \*\*

Users choose their target heart rate. The workout begins in MANUAL control – Users should gradually increase WORKLOAD until their heart rate is within 10 bpm of their target. At this point, the machine takes control of WORKLOAD to maintain the user's HR within a few beats of their target.

#### HRC Weight Loss: \*\*

Based on age, this is a heart rate controlled workout at 65% of the user's maximum heart rate. This creates efficient fat burning without overtraining. The workout begins in MANUAL control –Users should gradually increase WORKLOAD until their heart rate is within 10 bpm of their target. At this point the machine takes control of WORKLOAD to maintain the user's HR within a few beats of their target.

#### HRC Aerobic: \*\*

Based on age, this is a heart rate controlled workout at 80% of the user's maximum heart rate. This keeps users in the optimum aerobic training range to improve cardio fitness. The workout begins in MANUAL control – Users should gradually increase WORKLOAD until their heart rate is within 10 bpm of their target. At this point, the machine takes control of WORKLOAD to maintain the user's HR within a few beats of their target.

#### HRC Intervals: \*\*

Intervals of WORK and REST determined by target heart rate. The workout begins in MANUAL control – Users should gradually increase WORKLOAD until their heart rate is within 10 bpm of their target. At this point, the machine takes control of WORKLOAD to maintain the user's HR within a few beats of their target. The rest segment will reduce to 65% intensity of work segment.

#### Fitness Test: \*\*

A fitness test used to estimate the user's VO2 max.

#### Bike Mode Workouts: \*\*

These workouts simulate riding a 21-speed road bike. The resistance changes to constant torque against the pedals and calculates speed for a more realistic biking experience.

# CHAPTER 4: PROGRAMMING & OPERATION

## Touchscreen Overview:

Touchscreen Display

Warning Decal



USB Port

Headphone Jack

Reading Rack

Truefitness.com / 800.426.6570 / 636.272.7100

## CHAPTER 4: PROGRAMMING & OPERATION

### **Touchscreen Overview (continued):**

#### Touchscreen Display:

Used to monitor or control a work out and for feature navigation.

#### GO Quick Start:

Allows the user to begin a Quick Start workout or preset workout.

#### Reading Rack:

A ledge on the console can be used to hold a book, magazine, e-reader, or tablet computer during a workout.

#### USB Port:

Allows users to export workout data to an external USB drive or update the console software.

#### Headphone Jack:

Standard 3.5mm audio jack used to connect headphones to the console during media playback.

#### Warning Decal:

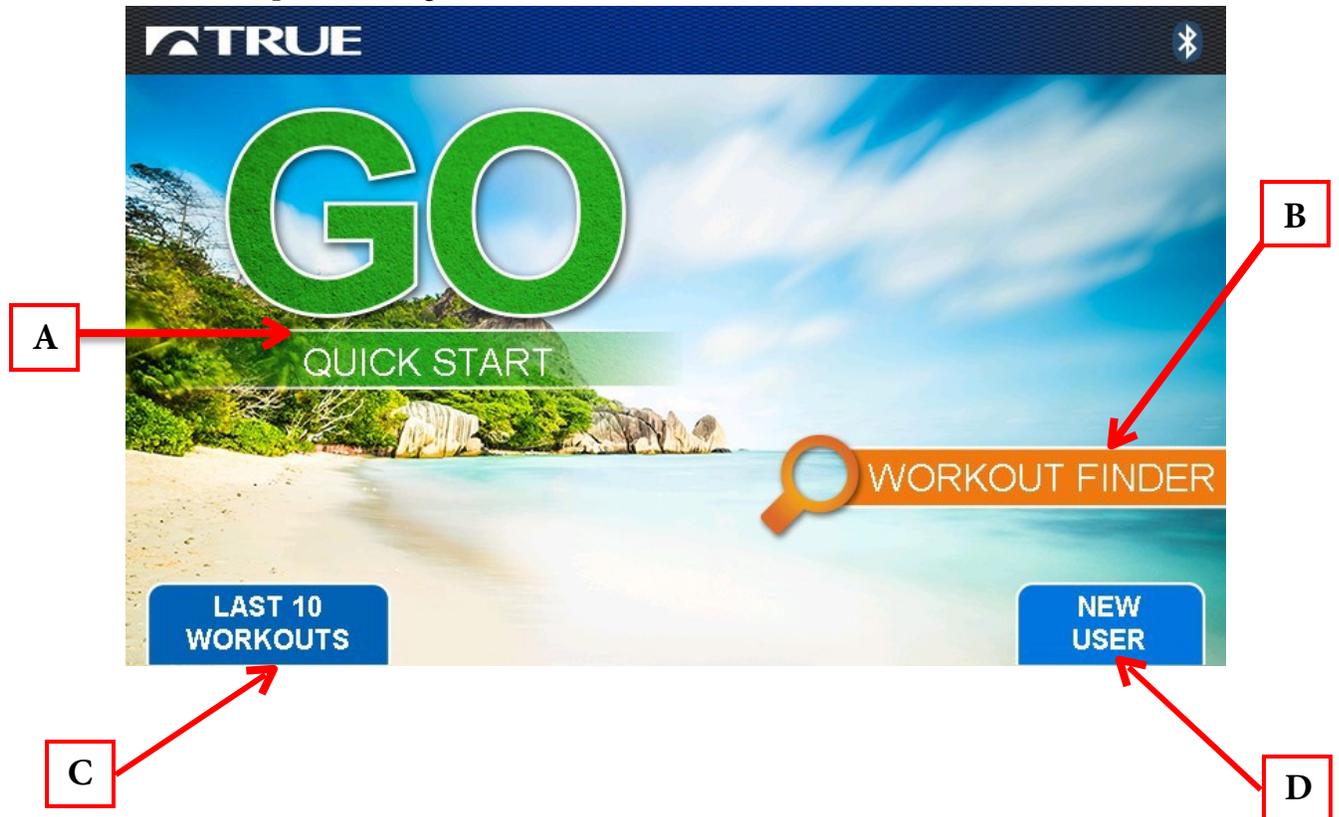
Important safety information for users to review prior to using the equipment.

## CHAPTER 4: PROGRAMMING & OPERATION

### CONSOLE NAVIGATION:

#### Home Screen:

The Home Screen is displayed on the console when there is no workout in progress. From this screen the user is able to select from various options to begin a workout.



#### A) GO Quick Start

Starts a Quick Start workout in which the user controls all settings until the workout is ended.

#### B) Workout Finder

Displays preset workouts categorized by goal focus categories.

#### C) Last 10 Workouts

Displays the last ten (10) workouts (latest first) for the user to select. Shows the type of workout and the time duration set up for it.

#### D) New User

Allows the user to set up or edit a personal profile for use during a workout. Records user Name, Age and Weight. It also gives the new user the option of selecting a Saved Workout, finding a new workout or connecting (pairing) to an external device such as a Mobile App., Heart Rate Monitor or Music Player.

# CHAPTER 4: PROGRAMMING & OPERATION

## CONSOLE NAVIGATION (continued):

### Selecting a Preset Workout:

Access preset workouts by touching Workout Finder on the home screen. View the workouts by using the scroll bar (A) to sweep up and down the selection list, highlight the desired workout, and touch Next (B) to select it.

Touching the "i" (E) button will display a menu that allows the user to highlight related types of workouts in the list.

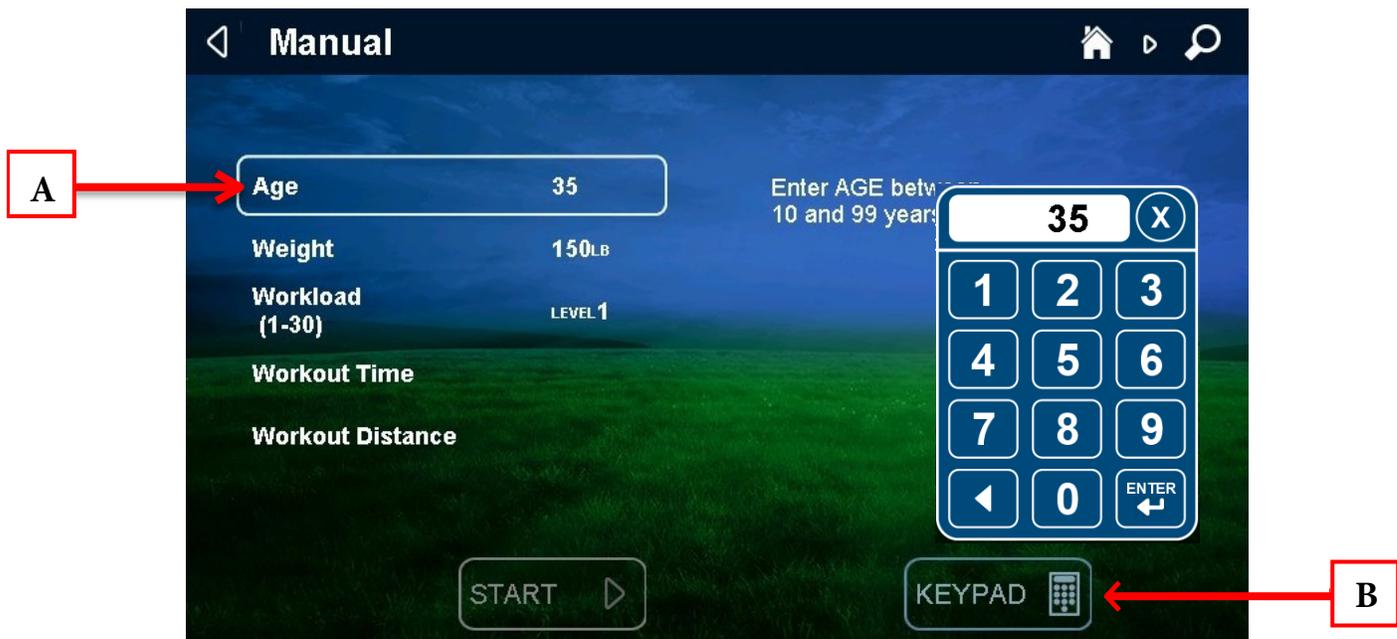
**Note:** Touch the back arrow (C) to return to the previous screen. Touch the "Home" (D) icon to return to the Home screen.



### Workout Data Entry Screen:

This screen allows users to input their personal information or workout goals prior to beginning a workout. To set a value, touch and highlight the value you wish to change (A) touch the Keypad button (B) to display the keypad and type in the desired value on the keypad.

**Note:** Workout Data Entry Screens vary by program selection.

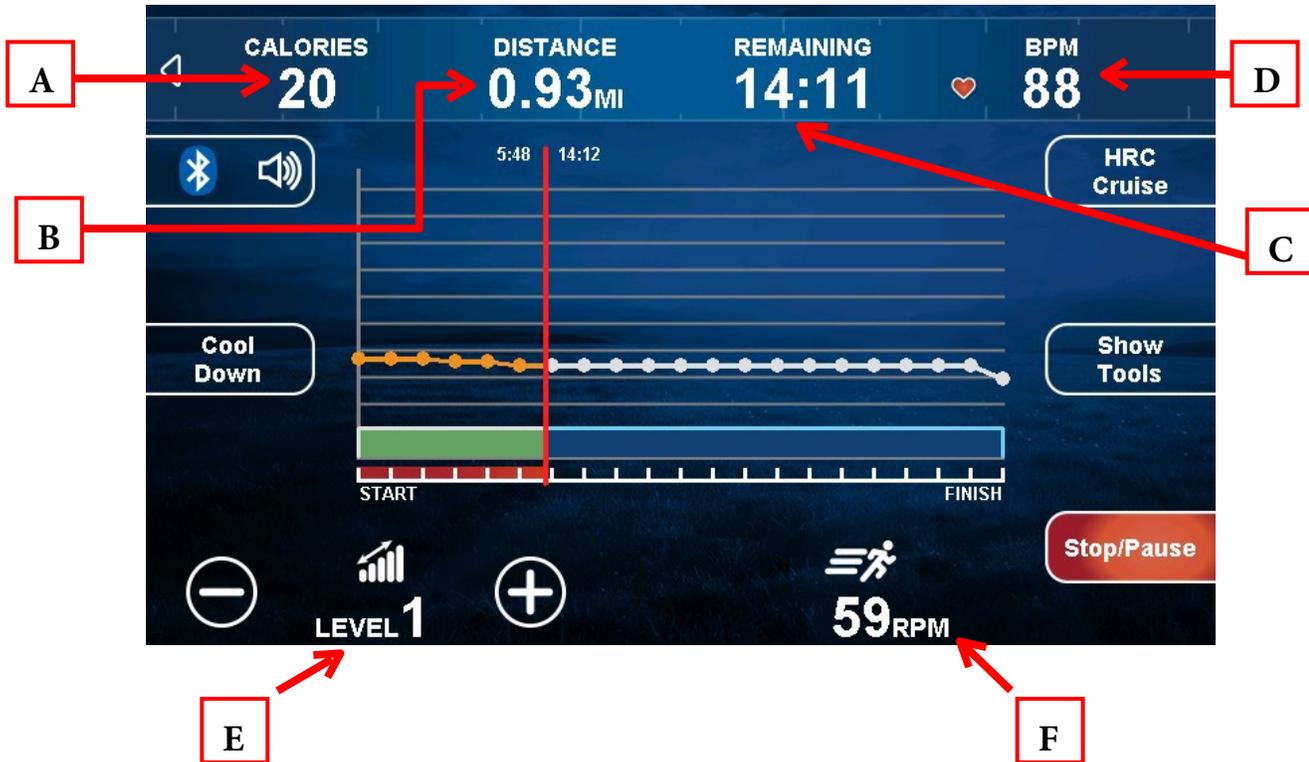


# CHAPTER 4: PROGRAMMING & OPERATION

## CONSOLE NAVIGATION (continued):

### Workout Data Screens:

During any workout, a Workout Data Screen will be displayed to give the user a comprehensive visual overview of their current workout data.



### A) Calories / METS Display:

During the workout, this display will alternately show the calories burned and the METS (Metabolic Equivalent) calculation up to the current moment of the workout.

### B) Distance:

Displays the virtual distance traveled up to the current moment of the workout.

### C) Time / Remaining:

During the workout, this display will alternately show the time elapsed in the workout and the time remaining before the workout ends. (Note: This field will not populate during a Quick Start or Manual workout.)

### D) Heart Rate:

Shows the user's heart rate in a digital beats per minute (BPM) readout.

### E) Level:

Displays the resistance of the pedals in terms of pedaling up an incline. Touching the "-" and "+" buttons allows the user to decrease or increase the resistance.

### F) RPM (Revolutions Per Minute):

Shows the speed the user is maintaining in terms of the number of revolutions of the pedals per minute.

# CHAPTER 4: PROGRAMMING & OPERATION

## CONSOLE NAVIGATION (continued):

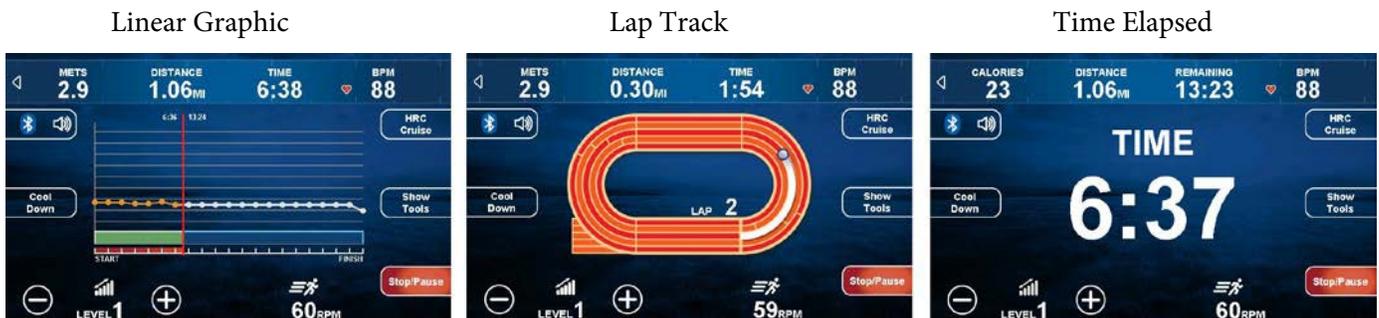
### Workout Data Screen Controls:

The Workout Data Screens contain various controls that allow users to adjust workout settings and to customize their overall workout experience.



- A) Change View:

There are three Workout Data Screen views available. Switch between the screens by touching the center of the display.



- B) Cool Down:

Touching this button allows the user to end their current workout with a two minute low intensity cool down period. When Cool Down is activated the unit is in manual mode and the user directly controls all settings.

- C) HRC Cruise Control:

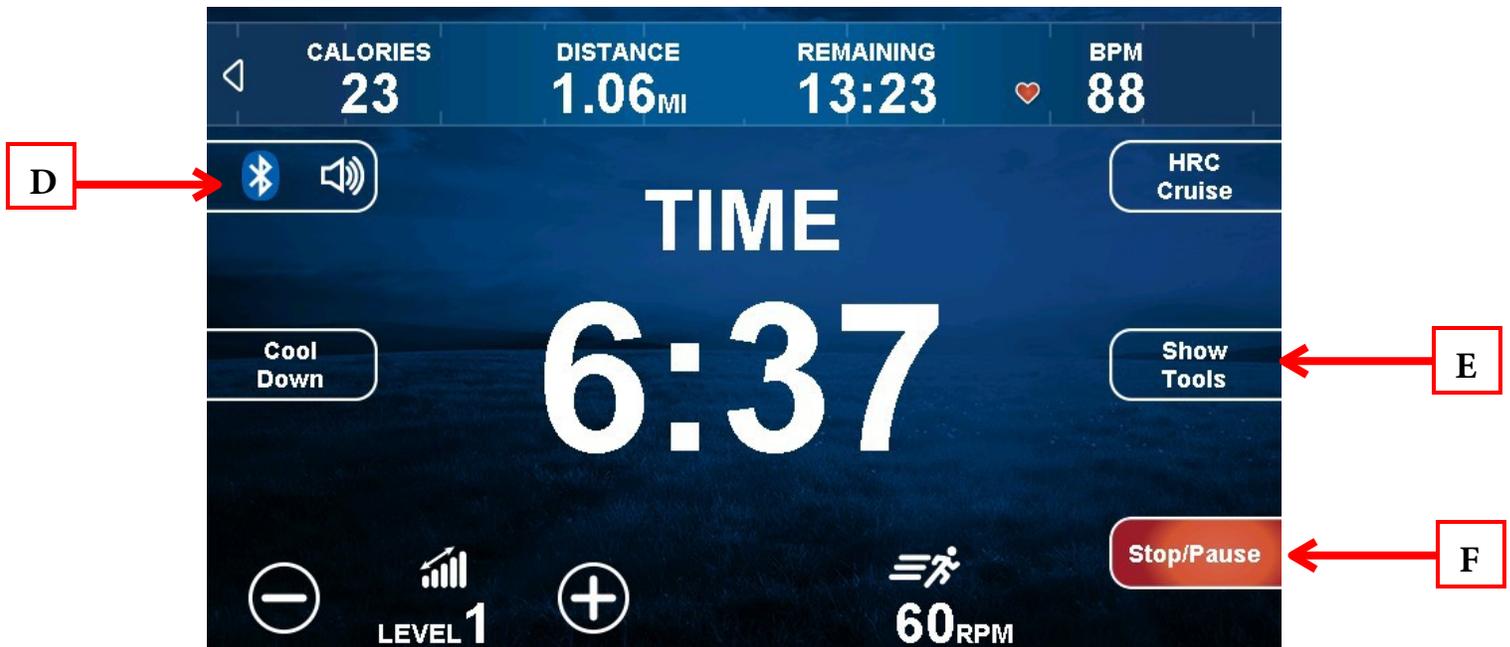
Engages Heart Rate Control to allow the equipment to maintain the user's current heart rate through automatic workload adjustments (when the user is utilizing heart rate monitoring).

# CHAPTER 4: PROGRAMMING & OPERATION

## CONSOLE NAVIGATION (continued):

- D) Source:

For Bluetooth Audio and to pair a mobile device with the console name on the screen. The user is given control over volume adjustments, mute and channel navigation.



- E) Show Tools:

Touching the "Show Tools" button (A) will display various options. Touching "Bike Mode" (1) toggles it on, display the MPH dial (2) and simulates riding a 21-speed (3) road bike. The resistance changes to constant torque against the pedals and calculates speed (4) for a more realistic biking experience. Touching the "+" and "-" keys (3) will change the simulated gears. Touching the KPH / MPH Button (5) will toggle between having all values displayed as English or Metric units. Touching the "Heart Rate Workout Data" (6) button allows the user to choose the type of Bluetooth Heart Rate device.



# CHAPTER 4: PROGRAMMING & OPERATION

## CONSOLE NAVIGATION (continued):

- F) Stop / Pause:

The "Stop Pause" button allows the user to pause the current workout or stop it altogether and begin a two minute cool-down.

### Workout Summary Screen:

At the end of a workout the Summary Screen will display an overview of the workout data (A). The workout data can be exported to another device through the Bluetooth connection. Return to the Home Screen by touching "Home".

The screenshot shows the 'WORKOUT SUMMARY' screen with a dark blue background. On the left, there is a list of metrics. A red box labeled 'A' has an arrow pointing to the 'AVERAGE PACE' metric. On the right, there is a table with three columns: 'WORKOUT', 'COOL DOWN', and 'TOTAL'. At the bottom right, there is a 'HOME' button with a house icon. A red box labeled 'B' has an arrow pointing to the 'HOME' button.

	WORKOUT	COOL DOWN	TOTAL
ELAPSED TIME	109:01	:00	109:01
AVERAGE HEART RATE	88	-	88 BPM
MAXIMUM HEART RATE	105	-	105 BPM
AVERAGE PACE	60 RPM	0 RPM	60 RPM
MAXIMUM PACE	63 RPM	0 RPM	63 RPM
DISTANCE	17.48	0.00	17.48 MI
CALORIES	378	0	378

# CHAPTER 4: PROGRAMMING & OPERATION

## ADVANCED CONSOLE FUNCTIONS:

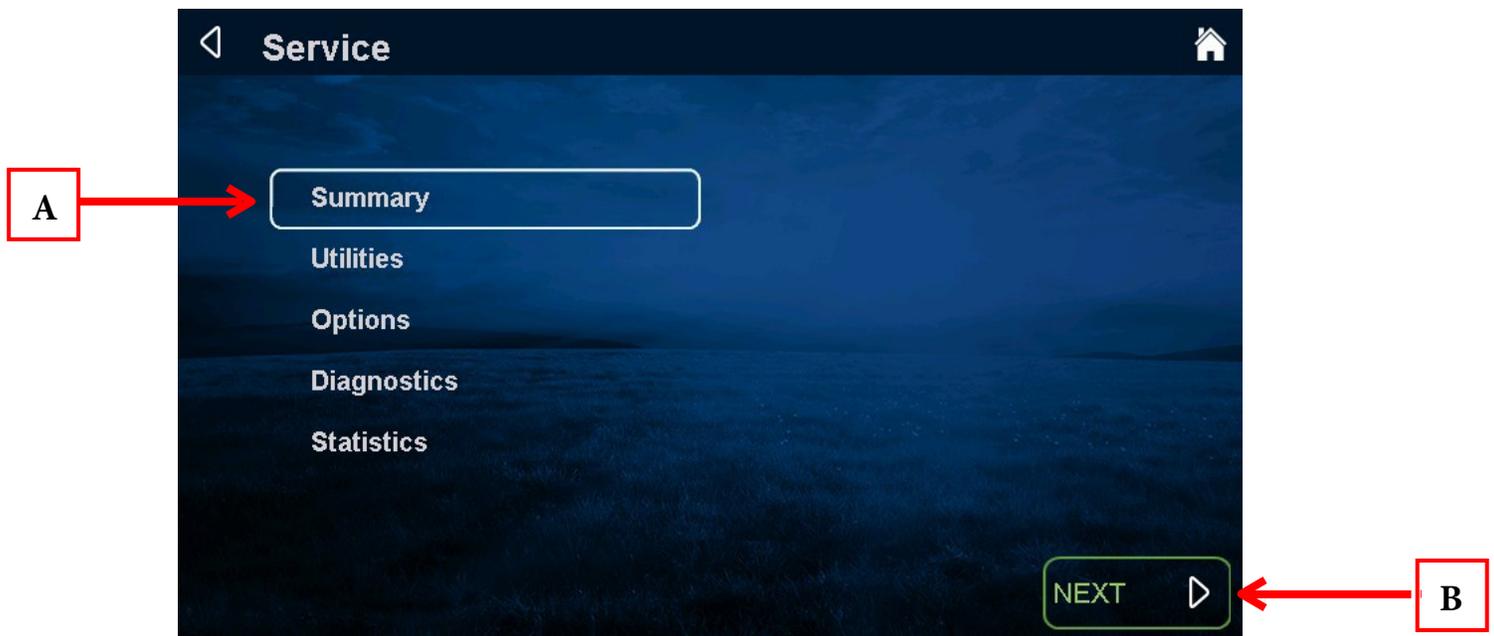
### Entering Service Mode:

Entering Service Mode can be completed by touching and holding the upper left section of the screen (A) for 3-5 seconds or until the TRUE logo begins to blink. Then touch and hold the "Workout Finder" icon (B) until "Service" screen displays.



### Service Menu:

The first screen displayed after entering service mode is the Service Menu. From this menu technicians can access all of the service mode features by selecting different categories. Touch an item to highlight a category (A) then touch the "Next" button.

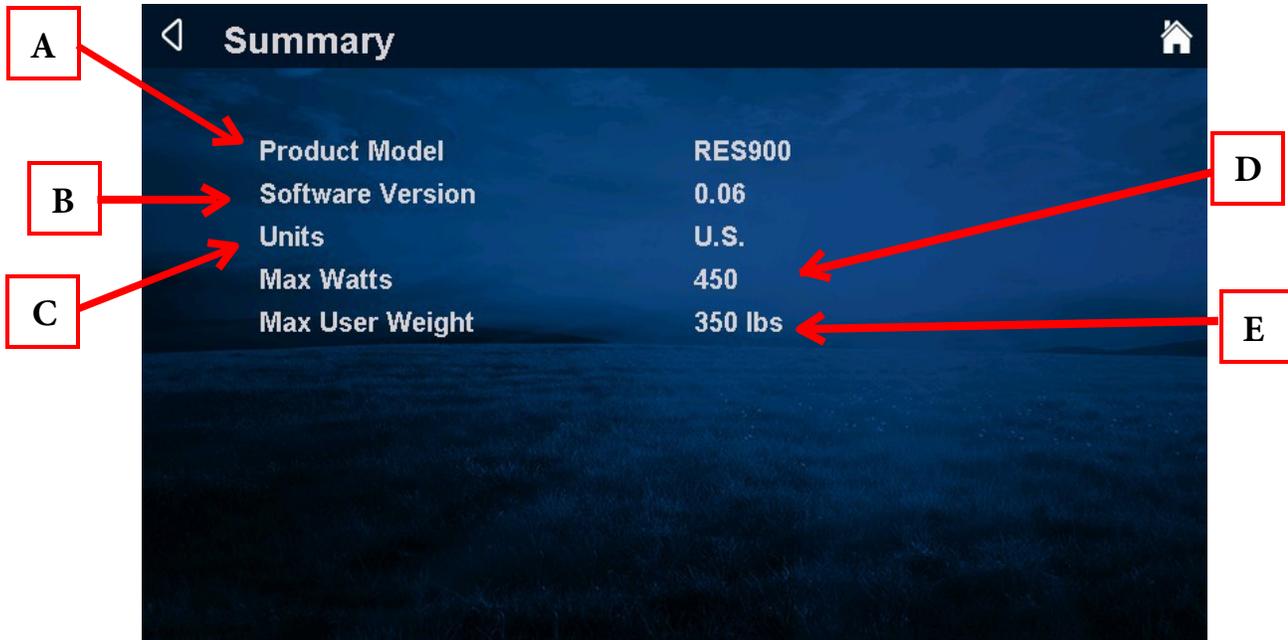


## CHAPTER 4: PROGRAMMING & OPERATION

### ADVANCED CONSOLE FUNCTIONS (continued):

#### Summary Screen:

The Summary Screen provides an overview of the unit's current settings (values cannot be changed in this screen).



#### A) Product Model:

The model number that the console is currently configured to.

#### B) Software Version:

The current version of software that is installed on the console.

#### C) Units:

Displays the units the console is currently using as default (U.S. or Metric).

#### D) Max Watts:

Displays the maximum power the unit is capable of producing.

#### E) Max User Weight:

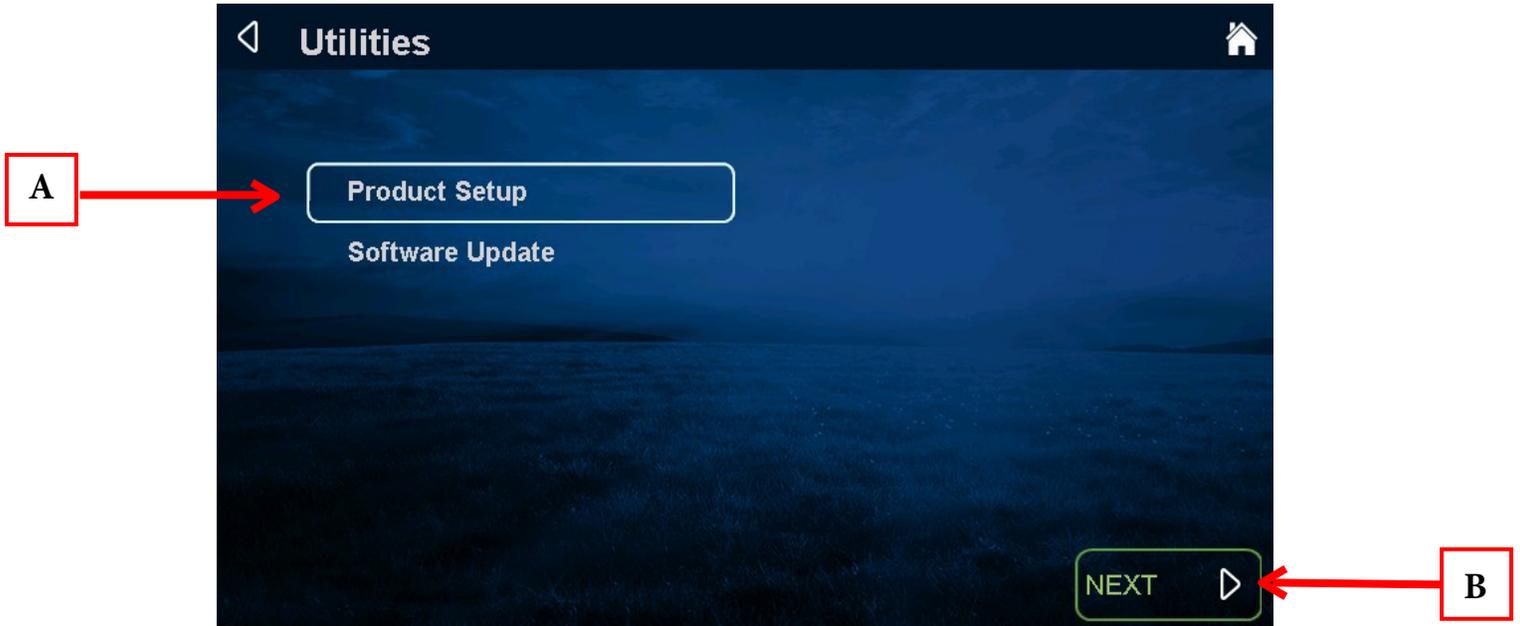
The amount of user weight that the unit can support.

# CHAPTER 4: PROGRAMMING & OPERATION

## ADVANCED CONSOLE FUNCTIONS (continued):

### Utilities Menu:

The utilities menu contains multiple screens that allow the technician to change various console settings. Settings are broken down into two categories - "Product Setup" and "Software Setup". To adjust settings, touch and highlight a category (A) and then touch the "Next" button (B) to start the process.

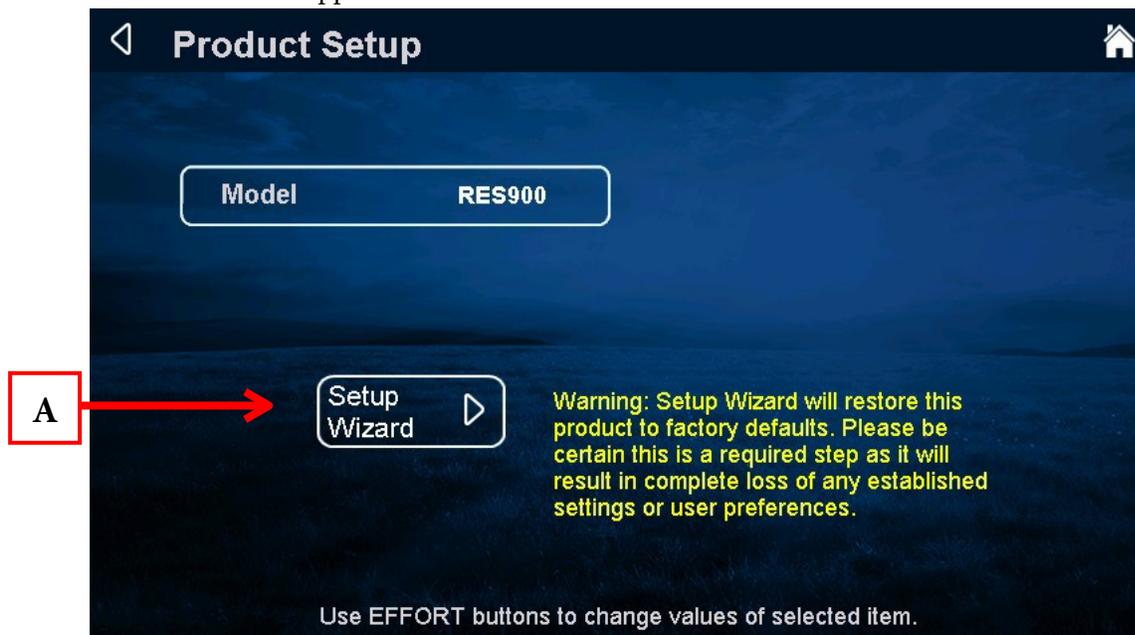


### Utilities Menu - Product Setup:

The product setup screen allows for adjustments to be made to the model configuration, TRUE's recommendation is to only use the Setup Wizard to adjust these attributes. After touching the Setup Wizard Selection button (A), simply follow the on screen instructions to complete the setup procedure

### **⚠️ WARNING:**

Misconfiguration of the console may cause damage to the unit and void the manufacturer warranty. If necessary, please contact TRUE Fitness Technical Support at 800-883-8783 for assistance.



## CHAPTER 4: PROGRAMMING & OPERATION

### **ADVANCED CONSOLE FUNCTIONS (continued):**

#### Utilities Menu - Software Update:

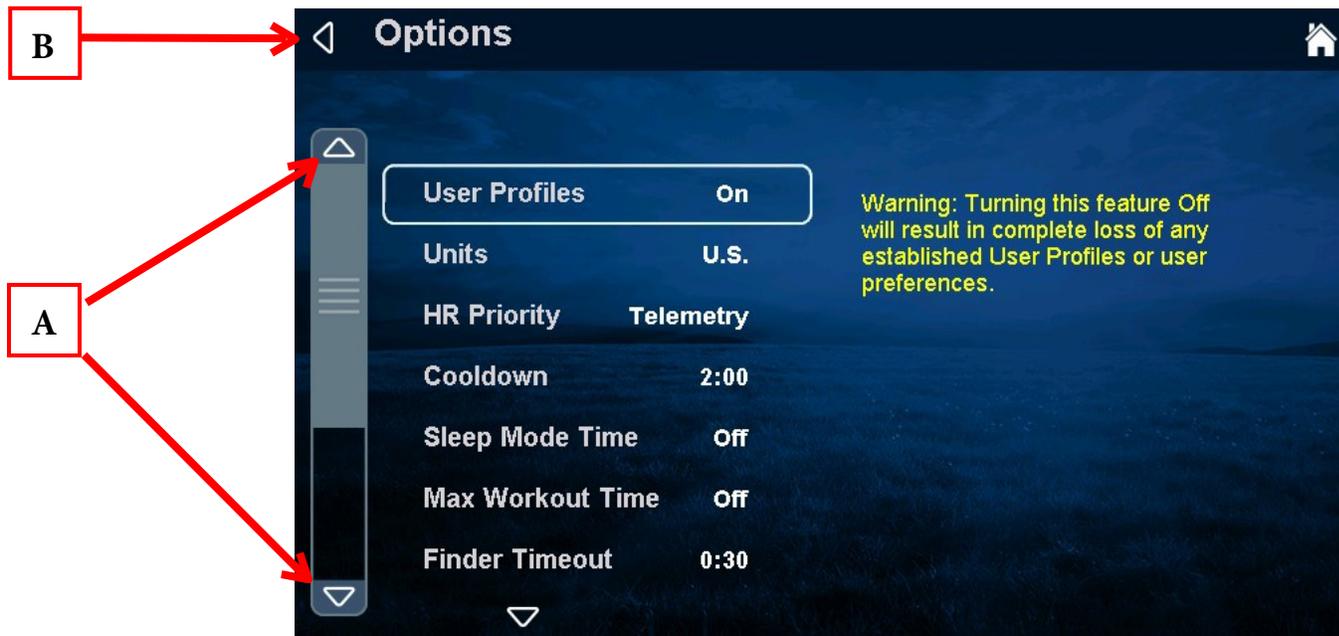
TRUE may periodically release software updates to ensure users enjoy the best workout experience available. Due to the complex nature of this procedure, it is recommended that any software update be completed by a TRUE certified service professional.

## CHAPTER 4: PROGRAMMING & OPERATION

### ADVANCED CONSOLE FUNCTIONS (continued):

#### Options Menu:

The options menu contains 12 Settings with various options available for each. To navigate the options menu, use the scroll selection buttons (A) to highlight the option to be changed and use the Workload keys to adjust the options. Once the changes are complete, press the back selection button (B) and the changes will be automatically saved.



#### Language:

Select a default Language for the unit. All settings and workout data will be displayed in that language.

#### Units:

Choose how the workout data is displayed by default.

#### Save Workout:

Turns the saved workout feature on or off.

#### Heart Rate Priority:

Determines the order in which the unit reads heart rate data.

#### Cooldown:

Adjusts the length of the cooldown time at the end of a workout.

#### Sleep Mode Time:

The amount of time the unit can be idle before entering sleep mode. By choosing the “Off” setting, the unit will remain powered.

# CHAPTER 4: PROGRAMMING & OPERATION

## ADVANCED CONSOLE FUNCTIONS (continued):

### Options Menu (continued):

#### Max Workout Time:

This setting will limit the amount of time that all workouts can last. By choosing the “Off” setting, the time will be unlimited (this setting does not apply to manual workouts or distance workouts).

#### Finder Timeout:

Choose how long the Workout Finder remains on the screen without any user interaction. By choosing off, the Workout finder will stay open until closed by a user.

#### Setup Timeout:

Choose how long the workout data entry screen will remain on the display without any user interaction. By choosing the “off” setting, the data entry screen will be displayed until closed by a user

#### Summary Timeout:

Determines the amount of time the Workout Summary Screen will remain on the display. By choosing the “Off” setting, the summary will be displayed until ended by a user.

#### Pause Time:

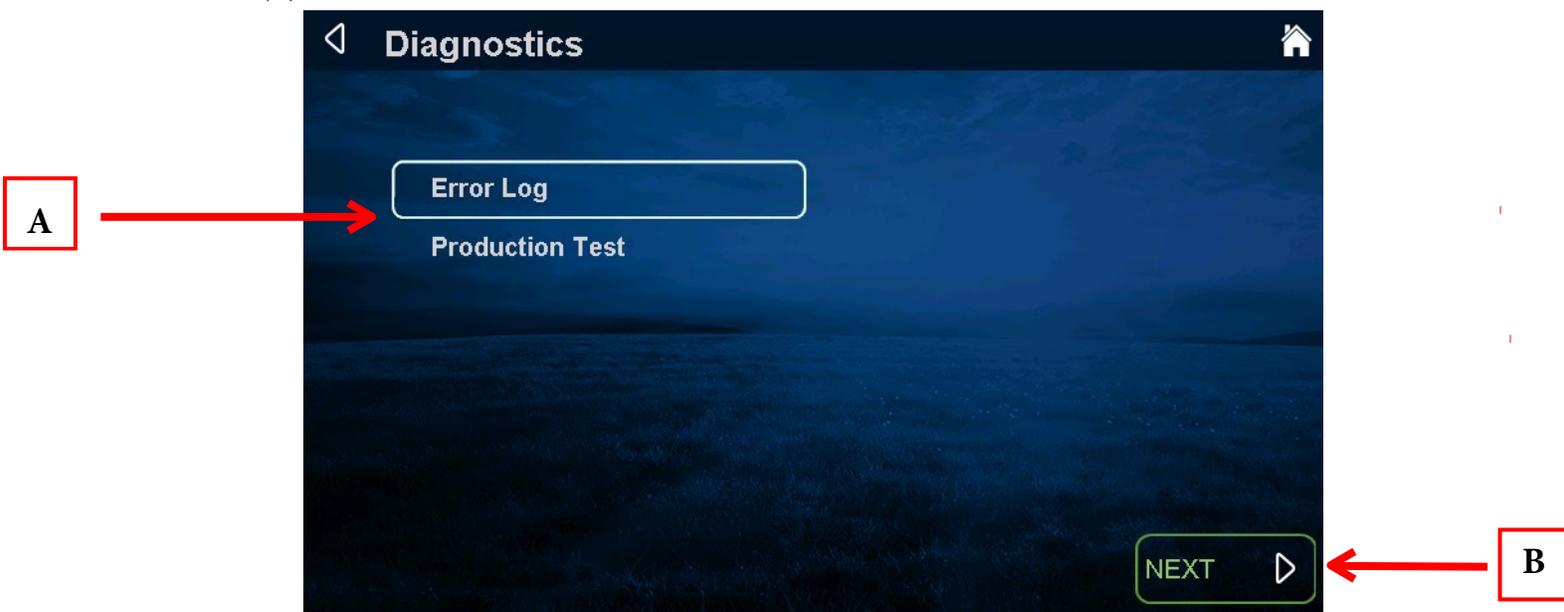
This setting will limit the amount of time that a workout can be paused before it automatically ends. By choosing the “Off” option, the unit will remain paused until the user resumes or ends the workout.

#### Factory Defaults:

Resets all settings in the options menu to factory defaults.

#### Diagnostics Menu:

The diagnostics menu contains tools used to help diagnose errors and performance issues. The tools are broken down into three categories. To use a tool, highlight a category (A) by using the scroll selection buttons and pressing the enter selection button (B) to confirm the selection.



# CHAPTER 4: PROGRAMMING & OPERATION

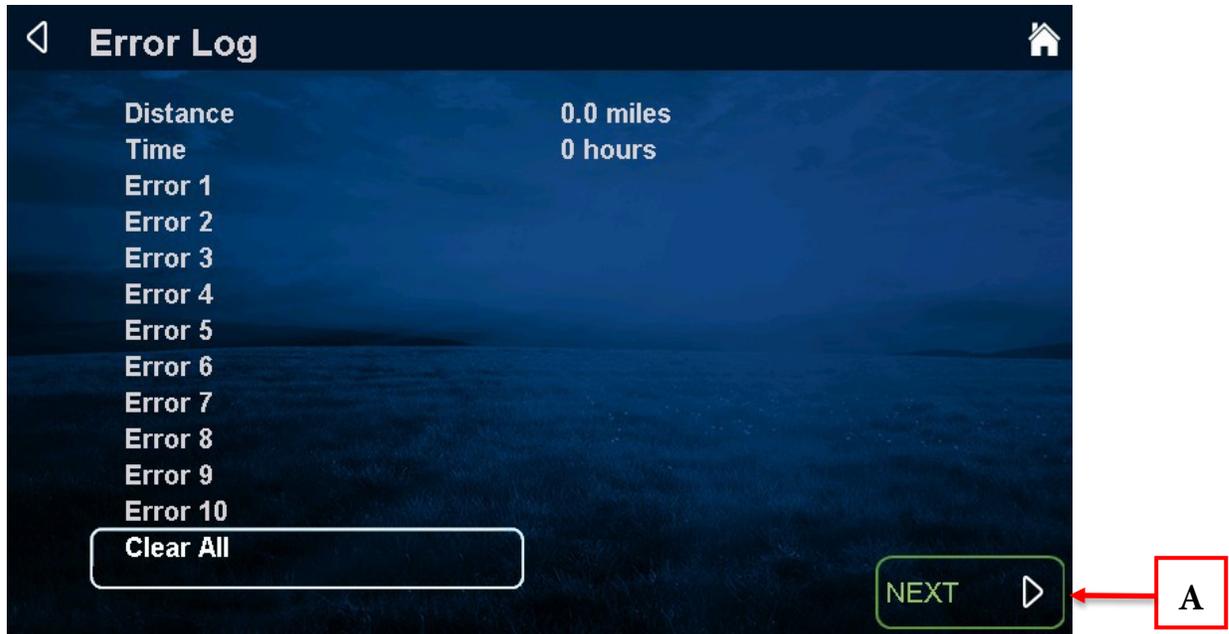
## ADVANCED CONSOLE FUNCTIONS (continued):

### Diagnostics Menu - Calibration/Test & Production Test:

These menus are currently not used on bikes or ellipticals.

### Diagnostics Menu - Error Log:

Error codes are an important part of troubleshooting any issues with the unit. Any time an error occurs it is entered into the error log for review by a service professional. This console is capable of storing the ten most recent errors. The error log can be cleared by pressing the Next button (A), but it is not recommended.

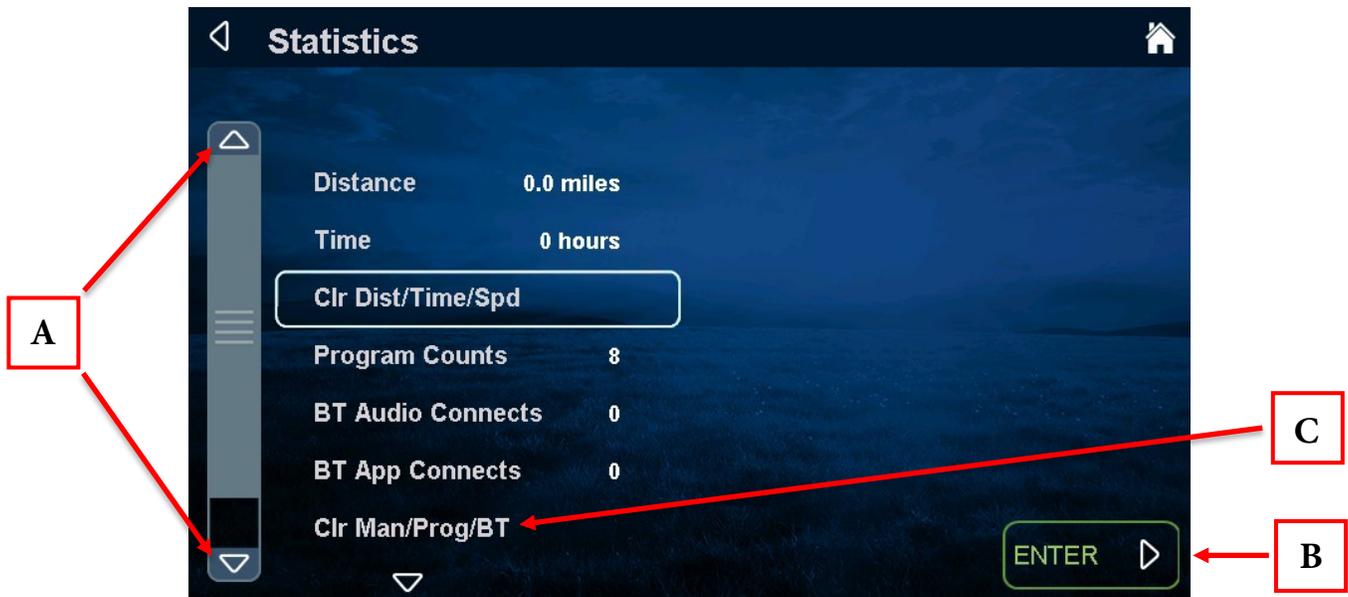


# CHAPTER 4: PROGRAMMING & OPERATION

## ADVANCED CONSOLE FUNCTIONS (continued):

### Statistics:

An overview that includes distance, time, manual program count, preset program count, and apple device connections. These statistics can be exported to a connected USB drive by using the scroll selection buttons (A) to highlight the USB Export option and selecting the Enter button (B). The data can be cleared by selecting Clr Man/Prog/BT (C), but it is not recommended.



## CHAPTER 5: CARE & MAINTENANCE

### **CARE & MAINTENANCE:**

It is important to perform the minor maintenance tasks described in this section. Failure to maintain the bike as described here could void the TRUE Fitness Warranty. To reduce the risk of electrical shock, always unplug the unit from its power source before cleaning or performing any maintenance tasks.

#### Inspection:

TRUE Fitness is not responsible for performing or scheduling regular maintenance or inspections.

Users should inspect the bike daily. Look and listen for slipping belts, loose fasteners, unusual noises, worn or frayed power cords, and any other indications that the equipment may be in need of service. If any of these are noticed, obtain service. Do not attempt to use the bike until proper service has been performed or damaged parts have been replaced.

#### Important:

If you determine that the bike needs service, make sure that the bike cannot be used inadvertently. Turn the unit off, and then unplug the power cord from its power source. Make sure other users know that the bike needs service.

To order parts or to contact a TRUE Authorized Service representative, please visit [www.truefitness.com](http://www.truefitness.com).

### **CLEANING THE EQUIPMENT:**

#### After Each Use:

Use GymWipes™ Antibacterial wipes or spray a solution of 30 parts water to 1 part mild detergent to dampen a soft cloth and wipe all exposed surfaces.

Use a LCD/screen cleaner or spray a solution of 1 part 91% isopropyl alcohol and 1 part water to dampen a soft cloth and wipe the surface of the console. This helps remove fingerprints, dust, and dirt.

#### Weekly:

Vacuum any dust or dirt that might have accumulated under or around the bike or any cover vents.

\*Clogged air vents can prevent adequate cooling, causing a shortened life.

#### **▲ CAUTION:**

Do not use any acidic cleaners. Doing so will weaken the paint or powder coatings and may void the TRUE Fitness Warranty. Never pour water or spray liquids on any part of the bike. Allow the bike to dry completely before using. Frequently vacuum the floor underneath the unit to prevent the accumulation of dust and dirt, which can affect the smooth operation of the unit.

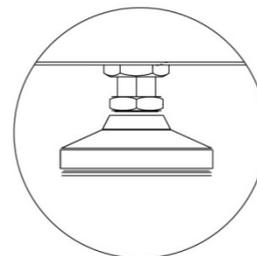
### **LEVELING THE UNIT:**

The bike or elliptical has adjustable feet. Make sure that the running surface is level.

If the bike or elliptical is placed on an uneven surface, adjusting the feet can help, but may not compensate for extremely uneven surfaces.

#### **▲ CAUTION:**

If the bike is not level the user may experience knocking or clicking sounds.



# CHAPTER 5: CARE & MAINTENANCE

## **LUBRICATION:**

Remove the pedals from the crank quarterly and lubricate the threads that attach the pedal to cranks to prevent corrosion. Reattach the pedals to the crank.

\*Note the user's left side pedal is reverse threaded\*

## **OTHER SCHEDULED PREVENTIVE MAINTENANCE:**

TRUE recommends that yearly scheduled maintenance is to be performed by a qualified service technician. Please contact your dealer or visit [www.truefitness.com](http://www.truefitness.com) to contact a TRUE local authorized service technician.

### Scheduled Preventive Maintenance:

#### CAUTION:

- Use only TRUE Fitness certified service providers.
- Check error log in console.
- Remove shroud covers and vacuum any debris out of the speed sensor, control electronics, and moving parts.
- Move unit and vacuum underneath.
- Check belt tension and tracking.
- Inspect all fasteners.
- Inspect all electrical connections.
- Inspect all components for abnormal or premature wear.
- Inspect and lubricate pedal threads on bike to prevent corrosion.

## **LONG TERM STORAGE:**

When the bike is not in use for any length of time, turn it off. Make sure that the power cord is unplugged from the power source and is positioned so that it will not become damaged or interfere with people or other equipment.

### Storing the Chest Strap:

Store the chest strap in a place where it remains free of dust and dirt such as, in a closet or drawer. Be sure to protect the chest strap from extremes in temperature. Do not store it in a place that may be exposed to temperatures below 32° F (0° C). To clean the chest strap, use a sponge or soft cloth dampened in mild soap and water. Dry the surface thoroughly with a clean towel.

## CHAPTER 6: CUSTOMER SERVICE

### **CONTACTING SERVICE:**

TRUE Fitness recommends that you gather the serial number, model number, and a brief description of the reason for the request. After information has been gathered you may choose to contact your selling dealer or local service company to set an appointment. (If you are not familiar with who is in your area, you may visit our website at [www.truefitness.com](http://www.truefitness.com) and use our dealer locator to obtain the contact information for the closest dealer).

You may also contact TRUE Fitness' customer support team by calling 800.883.8783 or e-mailing us at [service@truefitness.com](mailto:service@truefitness.com) Monday – Friday during normal business hours.

#### TRUE FITNESS SERVICE DEPARTMENT

865 HOFF ROAD

ST. LOUIS, MO 63366

1.800.883.8783

HOURS OF OPERATION: 8:30 A.M. - 5:00 P.M. CST

E-MAIL: [service@truefitness.com](mailto:service@truefitness.com)

### **CONTACTING SALES:**

Interested in TRUE Products? Please contact us with any sales or product inquires so that we may direct you to the appropriate sales representative to answer your questions.

#### TRUE FITNESS HOME OFFICE

865 HOFF ROAD

ST. LOUIS, MO 63366

1.800.426.6570

HOURS OF OPERATION: 8:30 A.M. - 5:00 P.M. CST

E-MAIL: [sales@truefitness.com](mailto:sales@truefitness.com)

## CHAPTER 6: CUSTOMER SERVICE

### **REPORTING FREIGHT OR PARTS DAMAGE:**

Unfortunately, sometimes materials can be damaged during shipment. If materials are damaged during shipment, please follow the guidelines below to determine the appropriate process for you to follow in case of damages.

#### Severe Damage:

Obvious damage to external packaging / internal product. Please **refuse** the shipment and it will be returned to TRUE Fitness by the carrier. Contact the TRUE Fitness customer support team by calling 800.883.8783 or sales support team by calling 800.426.6570 Monday-Friday during normal business hours to notify us that the shipment has been refused. Once we have received the damaged shipment, a replacement shipment will be sent to you. Only refuse the damaged piece if the shipment is multiple boxes.

#### Slight Damage:

The box may have minimal damages and you are not sure if the actual product is damaged or not. You **must** sign the bill of lading as damaged when accepting the shipment. Once you have opened the box and you have determined something is indeed damaged please gather the serial number, model number, description and photos of damages. Please make sure the photos include the damaged product as well as the damaged box the product arrived in. Contact the TRUE Fitness customer support team by calling 800.883.8783 or sales support team by calling 800.426.6570 Monday-Friday during normal business hours.

#### Concealed Damage:

You may receive a shipment that looks intact and discover once the box has been opened that there are hidden damages. Please notify the carrier **immediately**. We will not be able to file a claim if the carrier is not notified in a timely manner. Once you have called the carrier you will need to gather the serial number, model number, description and photos of damages. Contact the TRUE Fitness customer support team by calling 800.883.8783 or sales support team by calling 800.426.6570 Monday-Friday during normal business hours.

# CHAPTER 7: ADDITIONAL INFORMATION

## TROUBLESHOOTING GUIDE:

This troubleshooting guide is intended to assist in diagnostics only and is not all inclusive. Technical specifications, error codes and programming are subject to change without notice. TRUE accepts no liability for any damage or loss suffered by persons whom rely wholly or in part on any description or statement contained within this manual. Please visit [www.truefitness.com](http://www.truefitness.com) to obtain the most recent version of all manuals and contact the TRUE Service Department at 800-883-8783 for assistance with troubleshooting and diagnostics.

Malfunction	Possible Cause	Corrective Action
No Power	Power cord not fully seated in socket	Inspect power connection at the unit and outlet
	No power at wall outlet	Use a voltmeter to verify power at wall outlet
	Optional ERP board damaged	Contact True Fitness Customer Service Department
	Battery is discharged	Charge the battery overnight with optional power supply
	Motor control board damaged	Contact True Fitness Customer Service Department
Unit resets or pauses randomly	Damaged power cord	Replace power cord
	Power cord not fully seated in socket	Inspect power connection at the unit and outlet
	Insufficient power	Verify output voltage from 20A outlet with a voltmeter
	Error code is displayed on console	Contact True Fitness Customer Service Department
	Speed sensor out of alignment	Contact True Fitness Customer Service Department
	Pinched or loose main communication cable	Contact True Fitness Customer Service Department
Resistance hesitates or slips when pedaling	Loose belt tension	Contact True Fitness Customer Service Department
Rubbing or knocking sound from unit when in operation	Uneven floor	Adjust equipment with leveling feet.
	Loose hardware	See Chapter 5: inspections
	Loose Pedal	See Chapter 5: inspections
	Bearings may be damaged	Contact True Fitness Customer Service Department
	Brake assembly may be damaged	Contact True Fitness Customer Service Department
	Drive belt may be misaligned	Contact True Fitness Customer Service Department
Heart rate is displaying erratically or not displaying	Transmitter belt contacts are not making good contact with the skin	Readjust the transmitter belt so that it is in full contact with the skin
	Contacts on the transmitter belt are not moist	Moisten the contacts on the transmitter belt
	Transmitter belt is not within 3 feet (1 meter) of the heart rate receiver	Adjust your position on the belt so that you are within 3 foot (1 meter) of the console
	Transmitter belt is not the correct frequency or is encoded	Polar equip or compatible receiver use 4.8kHz un-encoded receiver

## CHAPTER 7: ADDITIONAL INFORMATION

### TROUBLESHOOTING GUIDE (continued):

Heart rate is displaying erratically or not displaying (continued)	The battery inside the transmitter belt is depleted	replace the transmitter belt with a compatible transmitter belt
	Another user wearing a compatible transmitter strap is within 3 foot (1 meter) of the unit	Move the units so that there is more space in-between units
	Environmental interference from high voltage power lines	Move the unit to another position within the room or move the cause of the interference until heart rate reading are stable. If the probable source of interference is plugged into the same outlet move the suspect source to another outlet.
	Environmental interference from computers	
	Environmental interference from motor driven appliances	
	Environmental interference from cell or cordless phone	
	Environmental interference from Wi-Fi router	

# TRUE<sup>®</sup> CARDIO RESIDENTIAL

## ES900



PREMIUM FITNESS EQUIPMENT SINCE 1981

### ES900 RECUMBENT BIKE

The TRUE ES900 Recumbent Bike is brilliantly engineered for comfort, safety and efficiency. The self-generating bike now includes the latest technology available on TRUE products. The 9" touchscreen allows up to six custom profiles so everyone can save their own workouts. The latest in app tracking technology lets your entire family monitor and share their workouts. The ES900's walk-through design accommodates users of all fitness levels, while an ergonomic-enhanced reclining seat offers one of the most comfortable rides in the industry. A small footprint and no need to connect to power allow you to maximize your workout space.



## ES900 RECUMBENT

TECHNICAL SPECIFICATIONS	Power Source	Self-Generating
	Drive System	Single Stage Drive System with Poly-V Belts
	Crank	3-Piece Forged Steel Crank System with Sealed Bearings
	Resistance Source	Hybrid Self-Generating Brake
	Resistance Levels	30
	Workload Range	20-450 Watts
	Frame Construction	Robotically Welded Heavy-Gauge Steel
	Pedals	Dual Sided and Weighted with Integrated Ratcheting Strap
	Seat	Reclining Fatigue Resistant Elastic Mesh Seat Back with Conforming Lumbar Support and 24 Position Settings
	Handlebar Design	Two Positions with Moisture Resistant Sleeves
	Quick Access Control	Multi-Function Thumb Controls
	Contact Heart Rate Monitoring	Yes
	Wireless Heart Rate Monitoring	Polar <sup>®</sup> Compatible
AVAILABLE CONSOLE	Display	9" Touchscreen Saved Workouts up to 36 Six (6) User Profiles up to six (6) saved workouts each
SAFETY		Reinforced Walk-Through Design
REGULATORY APPROVALS		ETL U11647, CSA
EXTRAS	Accessories	Water Bottle Holder, Accessory Tray, Over Molded Reading Rack/Tablet Holder
PHYSICAL SPECIFICATIONS	Footprint	58" L x 26" W x 50.4" H (147 cm x 66 cm x 128 cm)
	Machine Weight	180 lbs. (82 kg)
	Maximum User Weight	350 lbs. (159 kg)
	Portability	2 Front Transport Wheels
WARRANTY	Warranty Type	Residential
	Frame	Lifetime
	Parts	10 Years
	Touchscreen	7 Years
	Labor	1 Year

Warranties outside the U.S. and Canada may vary - Please contact your dealer for details. Specifications subject to change without notice.



# CHAPTER 7: ADDITIONAL INFORMATION



## Residential Limited Warranty ES900 Upright Bikes

Save time and register online!

Activate Multiple Warranties at [truefitness.com](http://truefitness.com).

All TRUE® Fitness products are distributed by TRUE and are warranted to the original registered Product purchaser and the parts of the TRUE product (the "Product") listed below, under normal use and service, shall be free of manufacturing defects in workmanship and materials only for the period of time beginning from the original date of purchase set forth below:

Frame*	Lifetime
<b>Parts</b>	
Electrical	10 Years
Touchscreen	7 Years
Wear Items	10 Years
Cosmetics	6 Months
<b>Labor</b>	1 Year
Parts	6 Months
Cosmetics	
<b>Device Connectivity</b>	
Parts	90 Days Parts,
Cosmetics	No Labor

NOTE: Warranty valid for USA and Canada only.

NOTE: Failure to register this product will result in no servicing or authorization of parts to be shipped.

NOTE: Buying after-market products from a 3rd party will result in voided warranty.

NOTE: This product is intended for in-home use only. Do not use this bike in a commercial or institutional setting. Doing so may void the expressed warranty.

### Frame

The frame is warranted for defects in material and workmanship for as long as the original purchaser owns the Product. The frame is warranted for labor and freight (for parts shipped from TRUE) for one year from date of purchase. \* This limited warranty on structural frame does not include paint or coatings.

### Parts

The bike electrical parts and wear items are warranted for defects in material and workmanship for ten years with one year labor warranty. The touchscreen console is warranted for defects and materials and workmanship for seven years with one year labor warranty. This limited warranty does not cover damage or equipment failure resulting from or caused by improper assembly/installation, failure to follow instructions and warnings in owner's manual, accident, misuse, abuse, unauthorized modification, or failure to provide reasonable and necessary maintenance. \*True Fitness shall not warrant the performance of the heart rate system on its products, as the heart rate system performance varies, based on user's physiology, age, method of use and other factors. \* This limited warranty shall not apply to Software version upgrades.

### Cosmetics

The bike cosmetic parts are warranted for defects in material and workmanship for six months with labor warranty to match the parts warranty period. This limited warranty does not cover damage or equipment failure resulting from or caused by improper assembly/ installation, failure to follow instructions and warnings in owner's manual, accident, misuse, abuse, unauthorized modification, or failure to provide reasonable and necessary maintenance. This limited warranty will apply, but may not be limited to paint/coatings, covers/caps, badges, overlays, pedal, pedal strap, and seat cushions.

### Device Connectivity

Device Connectivity elements; headphone jack and USB port are warranted for defects in material and workmanship for 90 days with no labor warranty.

### Labor

Labor is covered for a period of one year from the date of purchase unless otherwise expressed within this limited warranty as long as a TRUE authorized service provider performs the service. Service that requires over 50 miles of travel may be subject to additional charges.

Reasonable and necessary maintenance guidelines can be found in the owner's manual.

### Claims Procedure

TRUE Limited Warranty service may be obtained by contacting the authorized TRUE dealer from whom the Product was purchased. If the dealer from whom the Product was purchased is no longer an authorized TRUE dealer, then TRUE Limited Warranty service may be obtained by contacting TRUE directly using the following information:

TRUE Fitness, Service Department

865 Hoff Rd.

St. Louis, MO.

63366

1-800-883-8783, (Hours of operation 8:30am - 5:00 pm CST)

[truefitness.com](http://truefitness.com) / 800.426.6570 / 1.636.272.7100

# CHAPTER 7: ADDITIONAL INFORMATION



## Residential Limited Warranty ES900 Upright Bikes

Save time and register online!

Activate Multiple Warranties at [truefitness.com](http://truefitness.com).

The above Limited Warranty is subject to and will be in accordance with the conditions set forth below:

1. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MANY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.
2. This Limited Warranty can be processed only if the Warranty Registration Form is completed on-line; or if the attached form is filled in, signed by the original purchaser and mailed to TRUE within 30 days of purchaser's receipt of this Product. The serial number must be intact on the Product for this Limited Warranty to be valid.
3. This Limited Warranty applies to the product only while the Product remains in the possession of the original purchaser and is not transferable.
4. This Limited Warranty becomes VALID ONLY if the Product is initially assembled/installed by a TRUE authorized dealer/ technician (if anyone other than a TRUE authorized dealer/ technician initially assembles and installs the Product, this Limited Warranty will be void unless the written authorization of TRUE is first obtained).
5. This Limited Warranty does not cover damage or equipment failure resulting from or caused by improper assembly/ installation, failure to follow instructions and warnings in owner's manual, accident, misuse, abuse, unauthorized modification, or failure to provide reasonable and necessary maintenance (as referenced in the owner's manual.)
6. This Limited Warranty applies only to the cost of repair or replacement of parts and does not include labor (beyond the above warranty period), transportation, service, return and freight charges associated therewith except as expressly specified herein.
7. This Limited Warranty shall not apply to: Service calls to correct installation of the equipment or instruction to owners on how to use the equipment; or any labor costs incurred beyond the applicable labor warranty period.
8. This Limited Warranty, which is given expressly and in lieu of all other express warranties, constitutes the only warranty made by TRUE.
9. ANY IMPLIED WARRANTY, INCLUDING WITHOUT LIMITATION THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, IS LIMITED IN DURATION AND REMEDY TO THE TIME PERIOD COVERED BY THE LIMITED WARRANTY. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.
10. THE REMEDIES DESCRIBED ABOVE ARE YOUR SOLE AND EXCLUSIVE REMEDIES AND TRUE'S ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. TRUE'S LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED

THE ACTUAL AMOUNT PAID BY YOU FOR THE PRODUCT, NOR SHALL TRUE UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

NOTE TO AUTHORIZED WARRANTY LABOR PROVIDERS:  
Warranty labor reimbursement or warranty parts rights may not be transferred to, reassigned to, a third party without the express written consent of TRUE. Even jobbing out warranty labor requires TRUE's written approval.

### BIKE SERIAL NUMBERS:

The Bike comes with two serial numbers; one on the base and one on the display console (see diagram below). The serial number on the base is located on the bottom of the crossbar. The console serial number is located on the bottom right side of each console. Please write down your serial numbers below and keep for your records.

### CONSOLE SERIAL NUMBER:

### BASE SERIAL NUMBER:



### SAMPLE SERIAL NUMBER STICKER:



# CHAPTER 7: ADDITIONAL INFORMATION



## Residential Limited Warranty ES900 Upright Bikes

Thank you for purchasing a TRUE product. To validate the TRUE product warranty the fast and easy way, **please go online now to [www.truefitness.com](http://www.truefitness.com) and register your product.** The information you provide will never be distributed to any other individuals or agencies for any purpose. If you prefer to mail your warranty card, have the owner of the product complete the information below and return it to TRUE Fitness Technology within **30 days** from the date of equipment installation.

To mail your warranty information, please fill in the information below (or save postage and register online at [www.truefitness.com](http://www.truefitness.com)):

### Residential Warranty Registration

Model Type:  Treadmill  Elliptical  Bike \_\_\_\_\_

Other \_\_\_\_\_

Date of Purchase \_\_\_\_\_

Purchased From (dealer name) \_\_\_\_\_

First Name \_\_\_\_\_

Last Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Email Address \_\_\_\_\_

Phone \_\_\_\_\_

1. Where did you first learn about TRUE?

- a. Dealer  b. Website  
 c. Referral  d. Gym/Club  
 e. Current Customer  f. Other \_\_\_\_\_

2. The primary user(s) is:

- a. Male  b. Female  
 c. Both

3. Do you currently belong to a health club?

- a. Yes  b. No

4. Your age group:

- a. Under 25  b. 25-35  
 c. 36-45  d. 46-55  
 e. 56-65  f. 65+

5. What was the primary reason you bought a TRUE product? (Check only one)

- a. Design/Appearance  b. Dealer  
 c. Price  d. Ease of Operation  
 e. Quality of Construction  f. Size  
 g. Reputation  h. Warranty  
 i. Friend/Family Recommendation

6. Do you plan to purchase more fitness equipment in the next 6-12 months?

- Yes  No

7. If you answered "yes" to question 6, what type do you plan to purchase?

- a. Treadmill  b. Elliptical  
 c. Stationary Bike  d. Free Weights  
 e. Gym  c. Other \_\_\_\_\_

8. What is your annual household income? (Optional)

- a. Under \$50,000  
 b. \$50,000 - \$75,000  
 c. \$75,000 - \$100,000  
 d. \$100,000 - \$150,000  
 e. \$150,000+

9. You are a valued customer of TRUE and your suggestions allow us to continually improve your experience. Is there anything else you would like us to know? Please explain:

**CONSOLE SERIAL NUMBER:**

**BASE SERIAL NUMBER:**