



Be Strong.™



Model: **T514**



Model: **T516**



Model: **T518**

 **NAUTILUS** ASSEMBLY MANUAL  
**SPORT SERIES**







## PREFACE

Thank you for purchasing your Nautilus® Sport Series treadmill. For more than 30 years Nautilus has been producing the world's finest fitness equipment used in health clubs and homes around the globe. We hope this product meets your every expectation and is a valuable tool on the road to accomplishing all your fitness goals.

Please carefully read through this manual to familiarize yourself with the assembly of your new Nautilus® treadmill. Doing so will help to ensure you get the most use out of your treadmill, with enjoyable workouts in the comfort of your home.

Nautilus, Inc.  
World Headquarters  
16400 S.E. Nautilus Drive  
Vancouver, Washington, USA 98683  
  
1-800-NAUTILUS (1-800-628-8458)  
Fax (800) 898-9410  
Nautilus.com

**35-YEAR HERITAGE**  
Nautilus has been at the forefront of the fitness industry since there's been a fitness industry.

**SIMPLICITY**  
Our treadmills are so well designed that they're simple to use. Touch one key and go.

**WHISPER-QUIET DESIGN**  
With the sturdy steel frame and stable platform, you can expect smooth, quiet performance mile after mile.

**BUILT FOR THE LONG RUN**  
These cutting-edge machines are patterned after our commercial treadmills, which you'll find in gyms worldwide.

## TABLE OF CONTENTS

PRODUCT SERIAL NUMBER LOCATIONS	1
PRODUCT SPECIFICATIONS	2
IMPORTANT SAFETY PRECAUTIONS	3
BEFORE YOU ASSEMBLE	5
PARTS LIST	6
HARDWARE AND TOOL LIST	7
BASE ASSEMBLY GUIDE	8
DISPLAY ASSEMBLY GUIDE	19
WARRANTY	23
IMPORTANT CONTACT NUMBERS	24



# ATTENTION

FOR DETAILED INSTRUCTIONS AND INFORMATION ON HOW TO USE AND CARE FOR YOUR NAUTILUS® SPORT SERIES TREADMILL, MODEL T514, T516 AND T518, REFER TO THE OWNER'S MANUAL.



# PRODUCT SERIAL NUMBER LOCATIONS

## BASE SERIAL NUMBER LOCATION

The serial number decal on the base can be found on the left hand incline arm. This decal is visible without removing any parts on the treadmill. To more easily view the serial number decal, incline the treadmill to 15%.

The serial number and model number listed on this decal are required when completing the enclosed warranty card and may be required when calling Customer Service. All Sports Series treadmills have a serial label located on the base.



Serial Number Decal Location



- LE Display
- Serial Number Location



- LE-X Display
- Serial Number Location



- LC Display
- Serial Number Location

## DISPLAY SERIAL NUMBER LOCATION (NORTH AMERICA ONLY)

The display serial number is located on the back side of the display module. The display serial number is present on units sold in North America. The display serial label is only visible when the display is detached from the base.

For units sold outside of North America, please refer to the base serial number as described in the Base Serial Number Location section.

In North America, the serial number and model number listed on the decal located on the back side of the display are required when completing the enclosed warranty card and may be required when calling Customer Service.

## Regulatory Approvals



Meets:

- Safety - EN 60335-1,
- EMC Directive 89/336/EEC - European Union (EU),
- EN 61000-6-3
- EN 61000-6-1



Meets:

- UL1647 3rd Ed
- CSA C22.2 No. 68-92 CAN



## Patent Information

U.S. and International Patents Pending

## PRODUCT SPECIFICATIONS

### TREADMILL DECK PLATFORMS

	<b><u>T514</u></b>	<b><u>T516</u></b>	<b><u>T518</u></b>
<b>Continuous HP</b>	2.7 HP	3.0 HP Hyperdrive® Technology	3.0 HP Hyperdrive® Technology
<b>User Weight Limit</b>	350 lbs (159 kgs)	375 lbs (170 kgs)	375 lbs (170 kgs)
<b>Maximum Grade</b>	15%	15%	15%
<b>Running Surface</b>	20" x 57" (51cm x 1.4m)	20" x 57" (51cm x 1.4m)	20" x 60" (51cm x 1.5m)
<b>Belt Ply</b>	Two Ply	SuperSoft® Deck	SuperSoft® Deck
<b>Padding</b>	REACT® Deck	REACT® Deck	REACT® Deck
<b>Board Surface</b>	Phenolic-Rev	Phenolic-Rev	Phenolic-Rev
<b>Power Inlets</b>	Front	Front	Front and Rear
<b>ROC™ Bar</b>	N/A	N/A	Standard
<b>Grip Heart Rate</b>	N/A	N/A	Yes
<b>Physical Dimensions</b>			
Width	30.1" (76cm)	30.1" (76cm)	30.1" (76cm)
Length	82.8" (2.1m)	82.8" (2.1m)	85.8" (2.1m)
Height	18" (45cm)	18" (45cm)	18" (45cm)
<b>Machine Weight</b>	325 lbs	325 lbs	325 lbs
<b>Shipping Weight</b>	350 lbs	375 lbs	375 lbs

### CONSOLE DISPLAYS

	<b><u>LE</u></b>	<b><u>LE-X</u></b>	<b><u>LC</u></b>
<b>Languages</b>	English	English, French, German, Spanish	English, French, German, Spanish
<b>Workout Programs</b>	6 Preset, 2 Custom	9 Preset, 3 Custom	12 Preset, 3 Custom
<b>Heart Rate Strap</b>	Yes	Yes	Yes
<b>Heart Rate Program</b>	2 Incline Controlled	2 Incline Controlled	2 Incline Controlled
<b>Speed Range</b>	0.5 - 12 MPH (0.8 - 19.3 KPH)	0.5 - 12 MPH (0.8 - 19.3 KPH)	0.5 - 12 MPH (0.8 - 19.3 KPH)
<b>Optional Workout Software</b>	N/A	My Nautilus™ Software, Heart Strong™ Software, My Nautilus™ LX	My Nautilus™ Software, Heart Strong™ Software, My Nautilus™ LX
<b>Shipping Weight</b>	Approx. 6 lbs	Approx. 6 lbs	Approx. 6 lbs

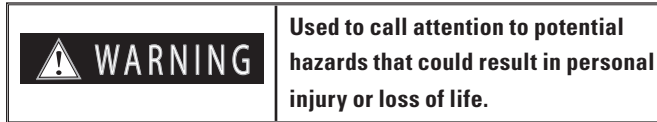


## IMPORTANT SAFETY PRECAUTIONS

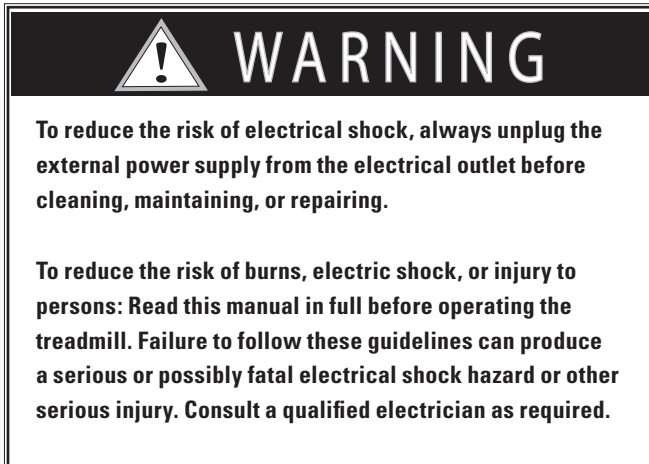
When using electrical equipment, always follow these basic precautions:

### IMPORTANT SAFETY INSTRUCTIONS

The following definitions apply to the word "Warning" found throughout this manual:



### READ ALL INSTRUCTIONS BEFORE USING THE MACHINE.



1. Do not plug the treadmill into an outlet until the final assembly is complete and the motor cover is installed.
2. **CONSULT YOUR PHYSICIAN BEFORE STARTING ANY EXERCISE PROGRAM.** Only he or she can determine the exercise program that is appropriate for your particular age and condition. If you have not been exercising or are pregnant or have a heart condition or any physical limitation, failure to consult your physician before engaging in physical exercise, such as using a Nautilus® Sport Series treadmill, could result in serious injury or death. If while using a Nautilus® Sport Series treadmill you have any pain or tightness in your chest, an irregular heart beat, shortness of breath, feel faint, light-headed or dizzy or have any pain or discomfort, STOP and consult your physician immediately.
3. Read, understand, and test the SAFETY STOP PROCEDURES in the Owner's Manual before using the treadmill.
4. The Safety Stop Cord does not turn off the electrical current to the treadmill. The treadmill continues to draw power, even when the display is off. To avoid electric shock, do not remove treadmill motor covers or place hands beneath the treadmill while the treadmill is plugged into a power source.
5. Review all of the warning labels on the treadmill before use.
6. The Nautilus® Sport Series Treadmill, models T514, T516 and T518 are intended for home use only. The T514 maximum user weight limit is 350 pounds (159 kilograms). The T516 and T518 maximum user weight limit is 375 pounds (170 kilograms). Do not exceed the maximum user weight limits.
7. Before each use of this equipment, inspect the treadmill for incorrect, worn, or loose components. The machine can be safely used only when it is regularly inspected for damage or wear. Inoperable components should be replaced, repaired, or tightened immediately, or the equipment should be taken out of use until repairs have been made.
8. Do not wear any loose or dangling clothing or jewelry while using the Nautilus® Sport Series treadmill. Always keep your hands, feet, clothing, etc. clear from beneath the treadmill and from all moving parts. Never use your treadmill with the Motor Cover or Frame Covers removed.
9. Always wear rubber-soled athletic shoes on the Nautilus® Sport Series treadmill. Never use the treadmill barefooted or wearing only socks.
10. Do not start the treadmill when someone is standing on the belt. Always stand on the foot rails on each side of the walking belt when starting the treadmill. Be careful when mounting or dismounting the treadmill.
11. Keep speed and incline at the lowest settings when someone is getting on and off the treadmill.
12. Keep the area underneath and around the treadmill clear. Position the treadmill on a clean, level surface and do not place the treadmill on thick carpet as it may interfere with proper ventilation. We recommend the use of a treadmill mat that may be purchased from your treadmill dealer or Nautilus, Inc.

## IMPORTANT SAFETY PRECAUTIONS

13. Never position the treadmill with the back end (direction of belt travel) facing a wall or any other objects such as furniture or other pieces of fitness equipment. Failure to do so can prevent safe exit of the treadmill in an emergency situation such as falling. Allow a minimum of 79 inches (2 meters) behind the treadmill and 20 inches (.5 meters) on each side.
14. Before each use of this equipment, check the power cord, plug, plug receptacle and outlet for signs of damage. If any of them appears frayed, loose, worn, or otherwise faulty, or if the insulation appears worn or cracked, do not operate the machine. Position the treadmill so that the wall plug is visible and accessible. If the power cord is damaged, it must be replaced with a power cord from Nautilus, Inc.
15. To avoid potential safety and electrical problems, replace with manufacturers' specified parts only.
16. Always disconnect the treadmill from the power outlet before cleaning, maintaining, servicing, or removing the motor cover.
17. This equipment is classified Class I, Type B, ordinary equipment. Not protected against fluid ingress. Rated for continuous operation. Do not operate this equipment in the presence of flammable anesthetic mixtures.
18. Do not let liquid enter the display or motor/controller area. If liquid enters either area, the area(s) must be inspected and tested for safety by an approved technician before it can be used again. Do not place the treadmill near water or outdoors. Do not use the machine in damp or wet conditions.
19. Increased risk due to leakage of electrical current may result if this equipment is not grounded properly.
20. The treadmill must be on an appropriate, dedicated electrical circuit carrying 15 amps (110 Volt model) or 7 amps (220 Volt model). Nothing else should be connected to the circuit. Use of a surge protector is recommended.
21. Do not stand on treadmill motor cover or front trim cover.
22. Parents and others in charge of children should be aware that children, because of their natural play instinct and fondness for experimenting, may be tempted to situations and behavior for which the equipment is not intended, with resulting damage to the equipment and injury to the children or others. Children's access to the equipment should therefore be controlled, and

they should be instructed about the potential for personal injury and damage if they play with the equipment.

Failure to follow the conditions set forth below shall limit, to the extent allowed by law, Nautilus® Inc. responsibility for the safety, reliability, and performance of this equipment.

- Each user must read the Owner's Manual in full before using the product. Each user must read, understand, and carefully follow all warnings, instructions, and procedures regarding the proper use of the treadmill and its accessories.
- Do not remove the treadmill motor covers: dangerous voltages are present. Components such as the motor, controller, and display are serviceable only by qualified service personnel.
- The electrical wiring within the treadmill setting and the electrical installation of the treadmill must comply with the applicable local or provincial requirements.
- The equipment must be used in accordance with the instructions for use.
- For further information or instruction on use, maintenance or specifications, please contact your Authorized Nautilus® Retail Outlet.



## BEFORE YOU ASSEMBLE

### Basic Assembly Principles

Here are few basic assembly tips that can make assembly of your Nautilus® Sport Series treadmill quick and easy.

1. You can make the assembly process go faster by gathering the pieces you need for each step prior to starting the step.
2. As a general rule, and for all fasteners on your Nautilus® Sport Series treadmill, turning toward the right will tighten, turning towards the left will loosen. An easy way to remember this is by remembering the expression, "Lefty loosey, righty tighty."
3. The hex key and Phillips screwdriver tools needed to assemble your Nautilus® Sport Series treadmill are provided. During the assembly process a 1/2 inch Socket with Ratchet will also be required. This tool is not provided. You may find the use of a utility knife or scissors beneficial during the unpacking process.
4. It is recommended that you use two people to assemble your Nautilus® Sport Series treadmill.

### Select Your Workout Area

Select where you are going to put your Nautilus® Sport Series treadmill carefully. The best place for your treadmill is on a hard, level surface. You will need at least 20 inches (.5 meters) on each side of the treadmill and 79 inches (2 meters) behind your treadmill for dismount.

Make sure that the location you choose has a grounded, 3-prong power outlet within reach of the treadmill power cord.

NOTE: The Nautilus® Sport Series treadmill is designed to plug into a grounded, non-GFI outlets only. To determine if your outlet or circuit breaker is GFI, look for a test and reset button on them. If they have the test and reset button it is a GFI outlet or circuit breaker.

Further, if you ever perform any repairs on your treadmill that require you to lay it on its side, you will need at least five feet to one side of your workout area.

### Machine Mat

The Nautilus® Machine Mat is an optional accessory for the Nautilus® Sport Series treadmill that helps keep your workout area free from debris and dust. The rubber machine floor mat provides a non-slip surface for you to use when mounting and dismounting the treadmill and limits static discharge when you touch the machine—greatly reducing the possibility of display or running errors. Further, a rubberized mat will protect your flooring when you are performing repairs or maintenance on the treadmill.

Put your Nautilus® Machine Mat in place in your selected workout area before you start assembly to protect your floors and your treadmill from damage.


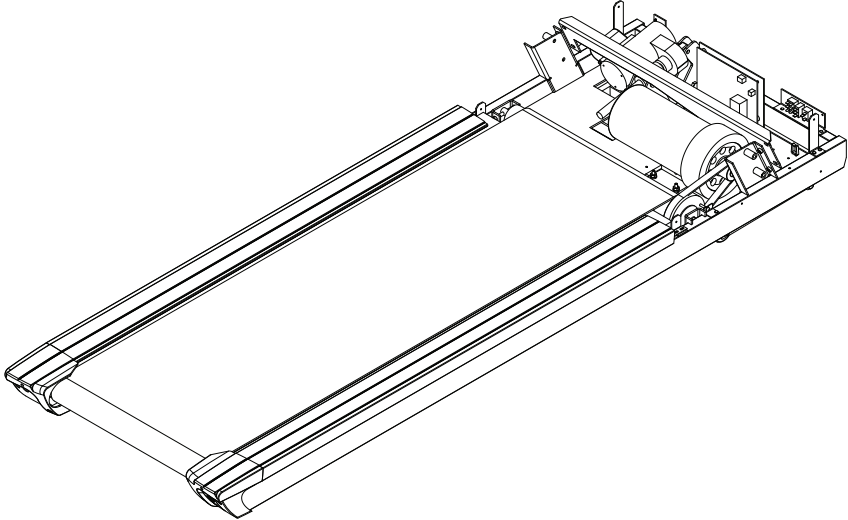



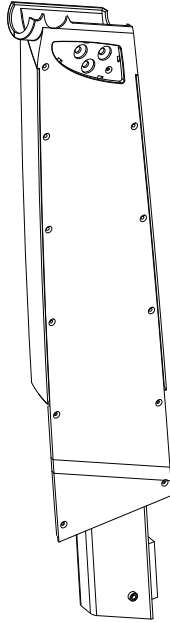
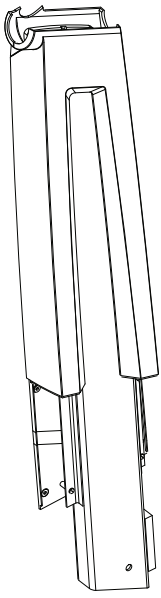
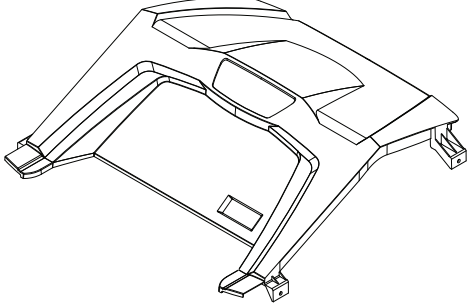

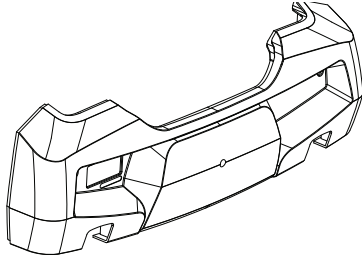

### Positioning Your Nautilus® Sport Series Treadmill

Take great care when moving your treadmill into place prior to assembly.

There are two rear end caps on either side of the walking belt for lifting of the base and two wheels on either side of the front of the base beneath the console. It is highly recommended that you do not attempt to ever lift or move the treadmill without help.

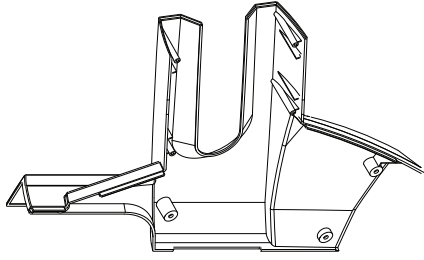
When you assemble the Nautilus® Sport Series treadmill, you will need at least two people to set the base in place, and lift the handlebar assembly.

# PARTS LIST

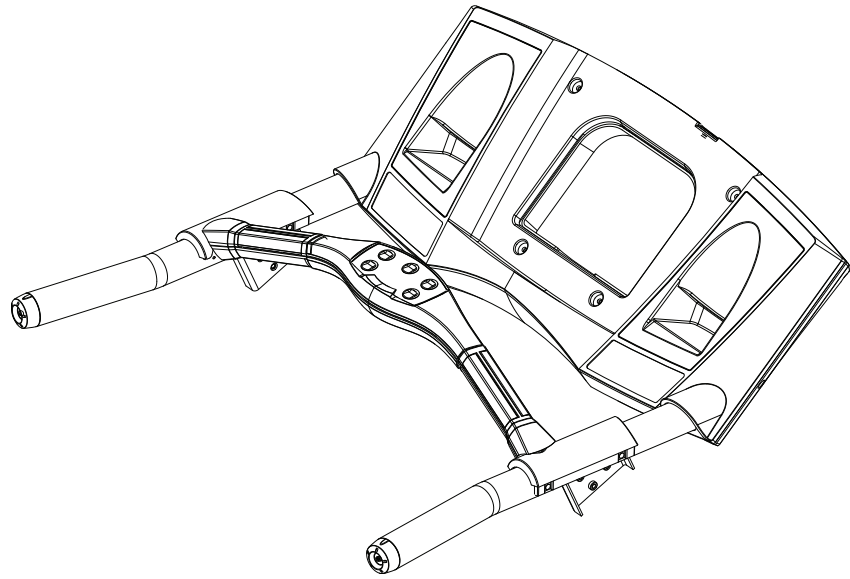
 <p>Part: Top Motor Cover Sticker (T514) Qty: 1 P/N: 000-4810</p>	 <p>Part: Base Frame Assembly Qty: 1</p>		
 <p>Part: Top Motor Cover Sticker (T516) Qty: 1 P/N: 000-4826</p>			
 <p>Part: Top Motor Cover Sticker (T518) Qty: 1 P/N: 000-4827</p>	 <p>Part: Left Upright Cap Qty: 1 P/N: 000-4725</p>	 <p>Part: Left Upright Assembly Qty: 1 P/N: 000-4786</p>	 <p>Part: Right Upright Assembly Qty: 1 P/N: 000-4785</p>
 <p>Part: Top Plastic Motor Cover Qty: 1 P/N: 000-4696</p>	 <p>Part: Right Upright Cap Qty: 1 P/N: 000-4724</p>		
 <p>Part: Front Plastic Motor Cover Qty: 1 P/N: 000-4695</p>	 <p>Part: Front Motor Cover Sticker (T518) Qty: 1 P/N: 000-4822</p>		



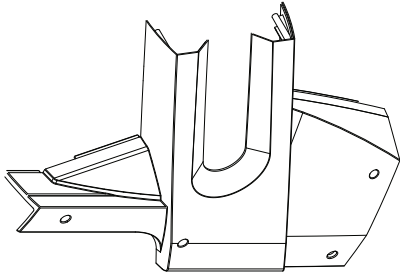
# PARTS LIST



Part: Left Upright Motor Cover  
Qty: 1  
P/N: 000-4700



Part: Console Assembly  
Qty: 1  
P/N: Model T514: 000- 4796 / Model T516: 000-4829 / Model T518: 000-4798



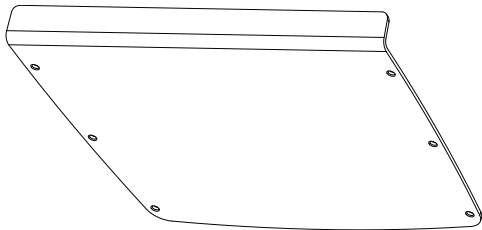
Part: Right Upright Motor Cover  
Qty: 1  
P/N: 000-4697



Part: LE-X Display Front (shown in console)  
Qty: 1  
P/N: 000-4706



Part: LC Display Front (shown in console)  
Qty: 1  
P/N: 000-4706



Part: Rear Console Access Panel  
Qty: 1  
P/N: 000-4718



Part: Front Motor Cover Sticker (T514/516)  
Qty: 1  
P/N: 000-4833



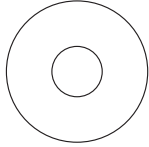
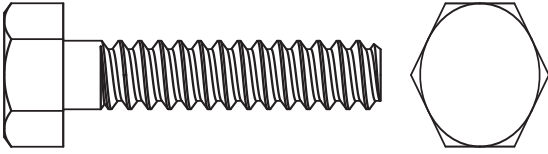
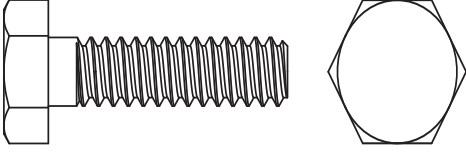
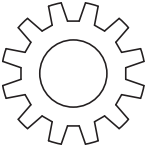
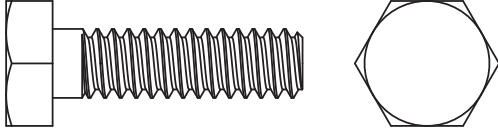

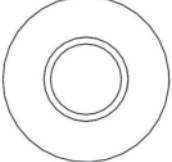


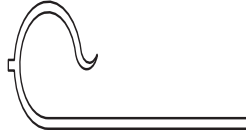
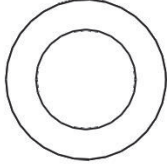

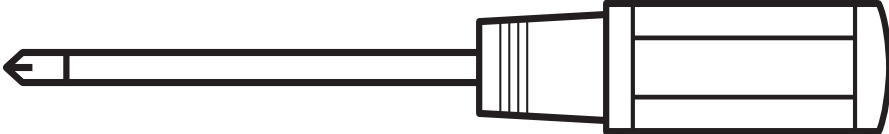
Part: LE Display Front (shown in console)  
Qty: 1  
P/N: 000-4722

# HARDWARE AND TOOL LIST

During the assembly process a 1/2 socket with ratchet will be required. This tool is not provided.

**HARDWARE BAG (P/N: 000-4775) - NOTE: ILLUSTRATIONS ARE NOT TO SCALE.**

The Hardware Bag contains the following individual parts and tools.

 <p>Item: Flat Washers (5/16) Qty: 6 P/N: HH 2154</p>	 <p>Item: Hex Head Bolts (5/16 - #18 x2) Qty: 2 P/N: HH2052</p>	 <p>Item: Hex Head Bolts (5/16 - #18 x 1 1/2) Qty: 4 P/N: HH2168</p>
 <p>Item: Star Washers (5/16) Qty: 3 P/N: HH 2408</p>	 <p>Item: Hex Head Bolt (5/16 - #18 x 1) Qty: 6 P/N: HH2164</p>	 <p>Item: Phillips Pan Head Self Drilling Metal Screws (#8 x 3/4) Qty: 11 P/N: HH 2555</p>
 <p>Item: Nylon Washers (5/16) Qty: 3 P/N: MM 2105</p>	 <p>Item: Pan Head Stainless Steel Screws (#10 x 5/8) Qty: 10 P/N: HH2612</p>	 <p>Item: Phillips Flat Head Screws (#8 x 3/4) Qty: 8 P/N: HH2611</p>
 <p>Item: Plastic Hex Key Clip Qty: 1 P/N: MM 0087</p>	 <p>Item: Flat Washer (5/16) - 1/2 inch outer diameter Qty: 6 P/N: HH2458</p>	
 <p>Item: 3/16 inch Hex Key Qty: 1 P/N: HH2001</p>		 <p>Item: Phillips Screw Driver Qty: 1 P/N: HH 2435</p>

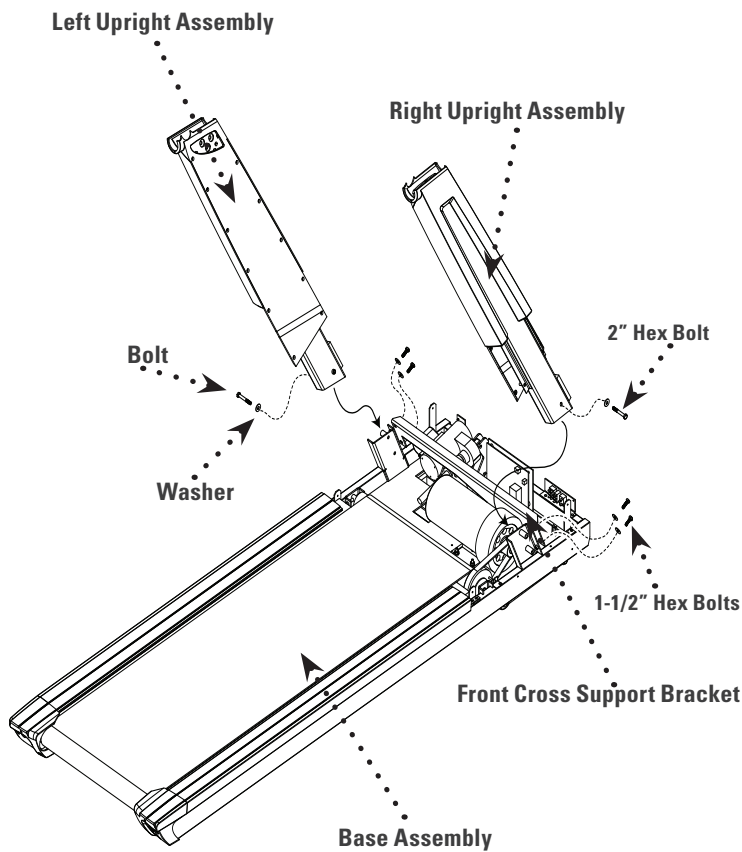


## BASE ASSEMBLY GUIDE

The following instructions provide direction in assembling the base units for the Nautilus® Sport Series treadmill models T514, T516 and T518. All instructions in the manual are given with the orientation of standing on the treadmill facing the console. The console is the front, while the rear roller is the back.

### Step 1: Attaching Uprights to Base Assembly

Figure 1: Step 1 Upright Assembly



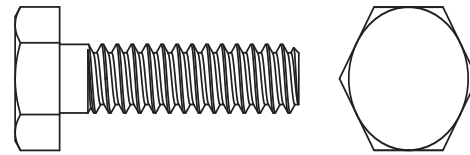
Locate the following for this step:

#### Parts:

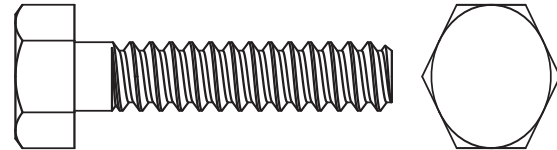
- Base Assembly
- Left Upright Assembly
- Right Upright Assembly

#### Hardware:

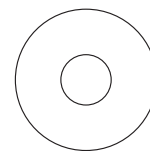
- 4 Hex Head Bolts (5/16 - #18 x 1-1/2)



- 2 Hex Head Bolts (5/16 - #18 x 2)



- 6 Flat Washers (5/16)



1-1 Place Base Assembly in the location you want the final assembled treadmill.

1-2 Install Left Upright Assembly onto Base Assembly using 2 of the 5/16 - #18 x 1-1/2 hex head bolts and 2 flat washers on the front side of the assembly and 1 hex head bolt (5/16 - #18 x 2) on the outside of the assembly. **Hand Tighten Bolts Only.**



## BASE ASSEMBLY GUIDE

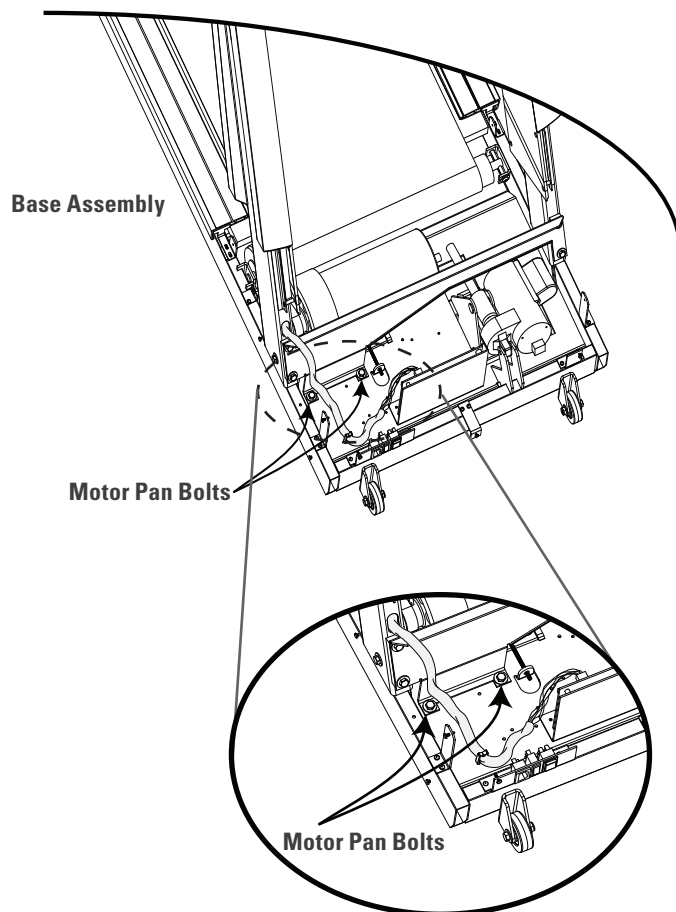
### Step 1: Continued

NOTE: You may need to loosen the motor pan bolts (see Step 2 for location) and move the front cross support bracket towards the front of the base assembly for the Upright Supports to fully fit onto the brackets.

1-3 Verify that the wiring harness connectors are accessible at the top and bottom of the Right Upright Assembly.

1-4 Install Right Upright Assembly onto Base Assembly using 2 of the 5/16 - #18 x 1-1/2 hex head bolts and 2 flat washers on the front side of the assembly and 1 hex head bolt (5/16 - #18 x 2) on the outside of the assembly. **Hand Tighten Bolts Only.**

Figure 2: Step 2 Tightening Motor Pan Bolts



### Step 2: Tightening Motor Pan Bolts

Locate the following for this step:

Parts:

- Assembly from Step 1

Tools:

- 1/2 inch Socket with ratchet (not provided)

2-1 Tighten the factory installed motor pan bolts before proceeding with assembly.



## BASE ASSEMBLY GUIDE

### Step 3: Connecting the Wiring Harness

Locate the following for this step:

Parts:

- Assembly from Step 2
- Console Assembly

3-1 Connect wiring harness from the bottom of the right upright to the Lower Control Board by routing the cable through the Motor Pan Wiring Clip located on the Base Assembly and connecting the 6-pin and 8-pin connectors.

3-2 Connect the wiring harness from the top of the right upright to the connector in the right handrail of the console assembly, matching the 6-pin and 8-pin connectors.

MAKE SURE THAT THE CABLES CANNOT COME INTO CONTACT WITH ANY MOVING PARTS BY SECURING THEM IN THE MOTOR PAN WIRING CLIP BEFORE PROCEEDING.

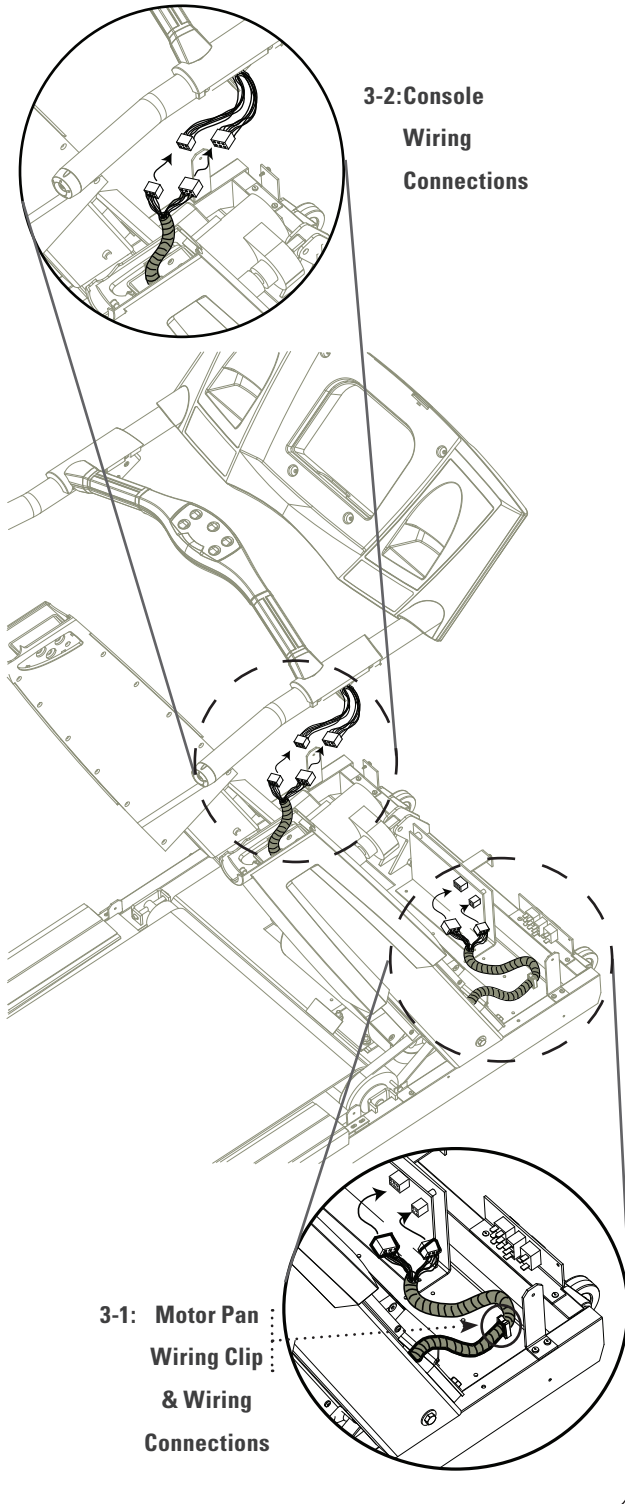
### IMPORTANT!



## WARNING

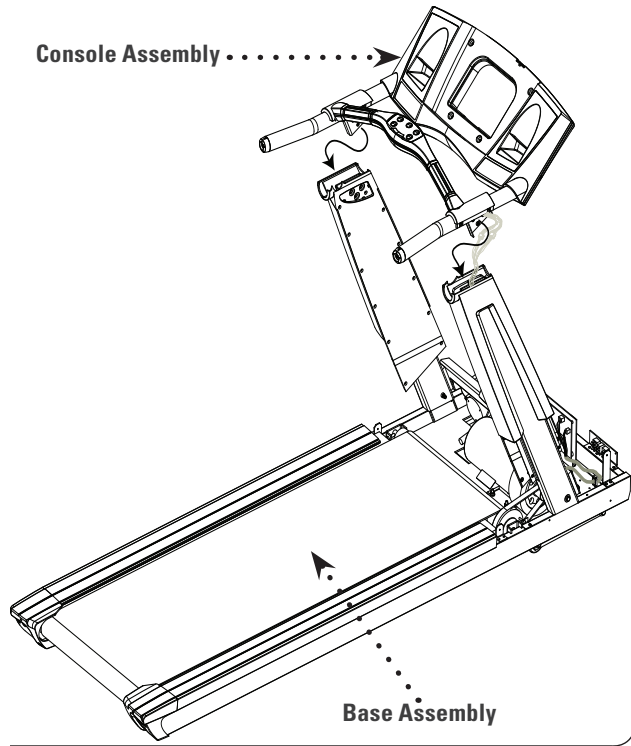
Use caution when connecting the wiring harness to ensure that the wires do not become pinched or come into contact with any moving part. The treadmill will not work and an electric shock hazard may be present.

Figure 3: Step 3 Connecting Wiring Harness



# BASE ASSEMBLY GUIDE

Figure 4: Step 4 Placing Console Assembly



## Step 4: Placing the Console Assembly

Locate the following for this step:


Parts:

- Assembly from Step 3
- Console Assembly

4-1 Slide Console Assembly mounting Bracket into Upright Supports.

IMPORTANT!

MAKE SURE THAT THE CABLES DO NOT BECOME PINCHED BETWEEN THE CONSOLE AND THE RIGHT UPRIGHT ASSEMBLY.

 **CAUTION**

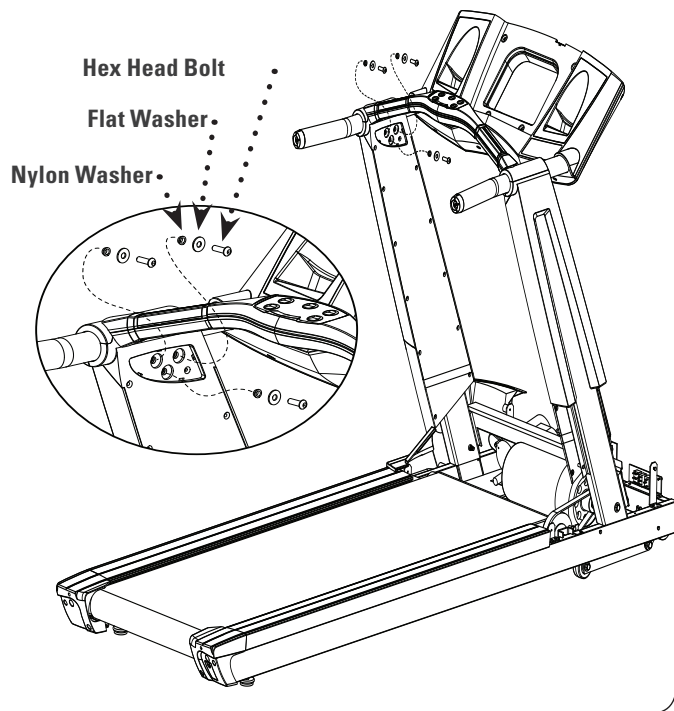
**Only for Base Model T518** - Use caution to NOT SHEAR off the plastic (Lexan) strips on the left side console bracket when sliding the console onto the Upright Tubes. To do so, could cause damage to the Heart Rate module functioning properly.



## BASE ASSEMBLY GUIDE

### Step 5: Securing the Left Side on Console Assembly

Figure 5: Step 5 Securing Console Assembly



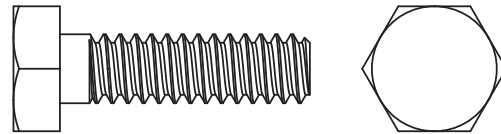
Locate the following for this step:

Parts:

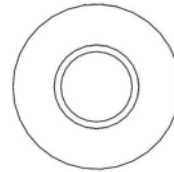
- Assembly from Step 4

Hardware:

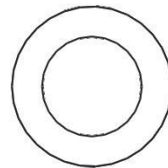
- 3 Hex Head Bolts (5/16 - #18 x 1)



- 3 Nylon Washers (5/16)



- 3 Flat Washers (5/16) - 1/2 inch outer diameter



Tools:

- 1/2 inch Socket with ratchet (not provided)

5-1 Fasten console onto Left Upright support using 3 bolts, flat and nylon washers.

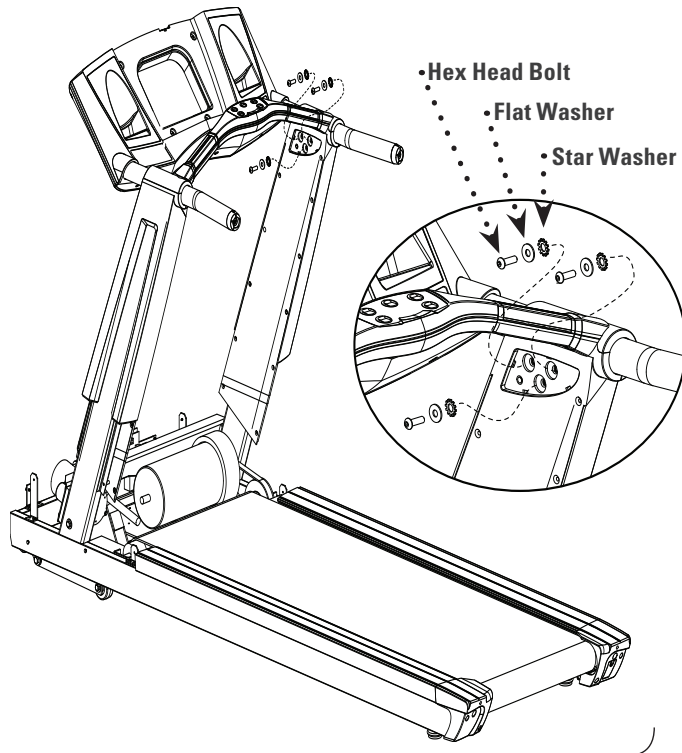
### IMPORTANT!

MAKE SURE THAT THE NYLON WASHER RAISED EDGE IS NEXT TO THE UPRIGHT SUPPORT DURING INSTALLATION. SEE HARDWARE STACK IN FIGURE 5.

5-2 Tighten all bolts on the left side securely, including Upright Support bolts installed in Step 1 .

## BASE ASSEMBLY GUIDE

Figure 6: Step 6 Securing Console Assembly



### Step 6: Securing the Right Side on Console Assembly

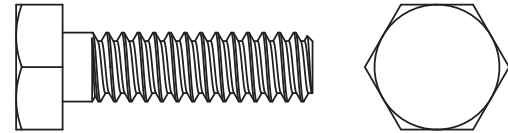
Locate the following for this step:

Parts:

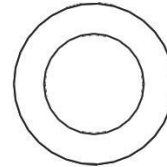
- Assembly from Step 5

Hardware:

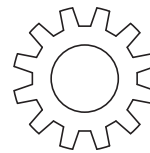
- 3 Hex Head Bolts (5/16 - #18 x 1)



- 3 Flat Washers (5/16) - 1/2 inch outer diameter



- 3 Star Washers (5/16)



Tools:

- 1/2 inch Socket with ratchet (not provided)

6-1 Fasten console onto Right Upright support using 3 bolts, 3 flat washers and 3 star washers.

### IMPORTANT!

MAKE SURE THAT THE STAR WASHER IS NEXT TO THE UPRIGHT SUPPORT DURING INSTALLATION. SEE HARDWARE STACK IN FIGURE 6.

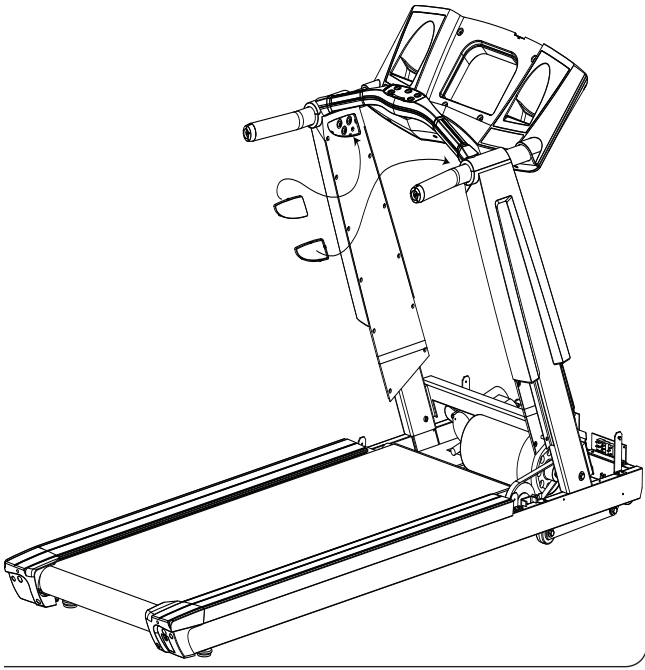
6-2 Tighten all bolts on the right side securely, including Upright Support bolts installed in Step 1.



## BASE ASSEMBLY GUIDE

### Step 7: Installing Upright Hardware Caps

Figure 7: Step 7 Installing Upright Caps



Locate the following for this step:

Parts:

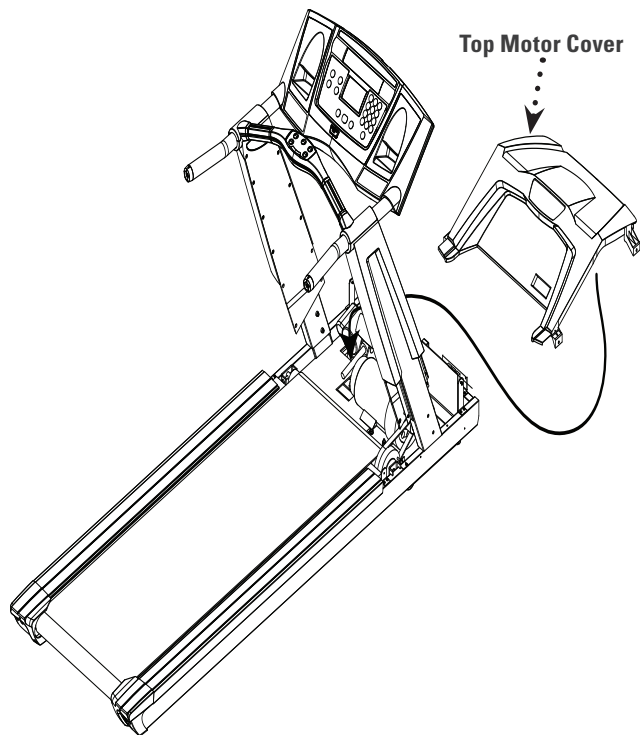
- Assembly from Step 6
- Left Upright Hardware Cap
- Right Upright Hardware Cap

7-1 Install Left Upright Hardware Cap.

7-2 Repeat process for Right Upright Hardware Cap.

## BASE ASSEMBLY GUIDE

Figure 8: Step 8 Installing Top Motor Cover



### Step 8: Installing Top Motor Covering

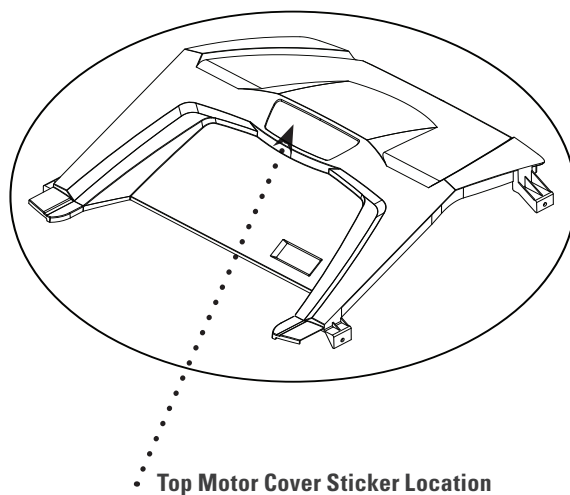
Locate the following for this step:

Parts:

- Assembly from Step 7
- Top Plastic Motor Covering

8-1 Place top plastic piece onto mounting points.

Figure 9: Step 9 Top Motor Cover Sticker



### Step 9: Installing Front Motor Cover Sticker

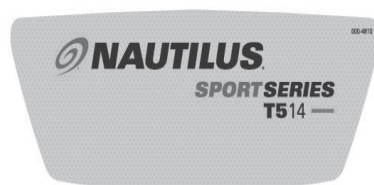
Locate the following for this step:

Parts:

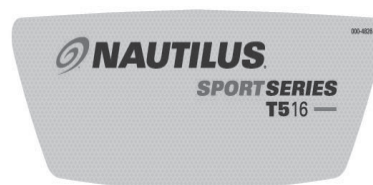
- Assembly from Step 8
- Top Motor Cover Sticker

9-1 Wipe area beneath AC inlet on Front Motor Cover with clean dry cloth.

9-2 Carefully adhere the Top Motor Cover sticker (see illustrations below) to the area and rub to remove any air bubbles.



T514 Top Motor Cover Sticker



T516 Top Motor Cover Sticker



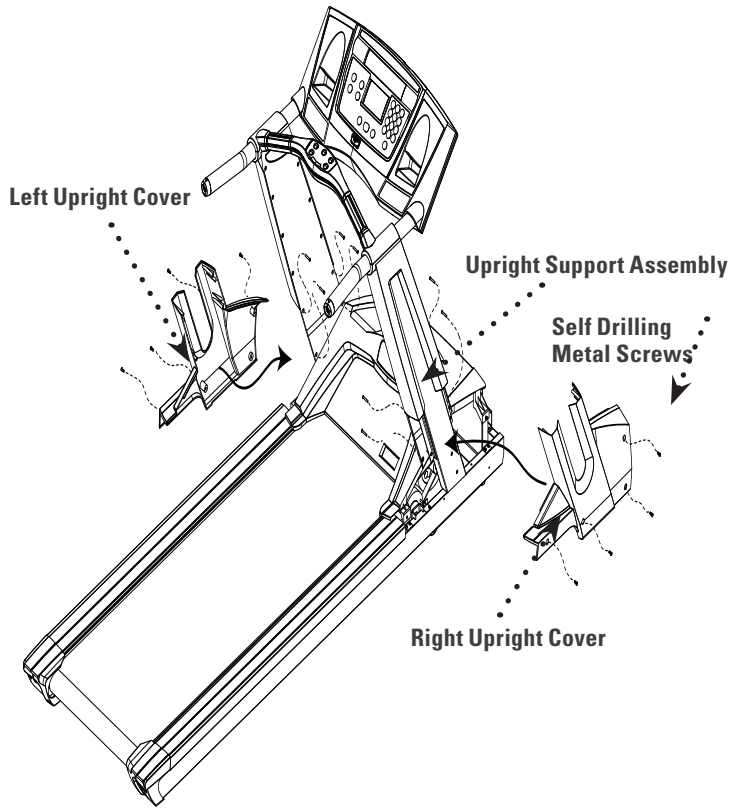
T518 Top Motor Cover Sticker



## BASE ASSEMBLY GUIDE

### Step 10: Installing Left & Right Upright Covers

Figure 10: Step 10 Installing Upright Covers



Locate the following for this step:

Parts:

- Assembly from Step 9
- Left Upright Cover
- Right Upright Cover

Hardware:

- 8 Self Drilling Metal Screws (#8 x 3/4)



- 8 Phillips Flat Head Screws (#8 x 3/4)



Tools:

- Phillips Screw Driver

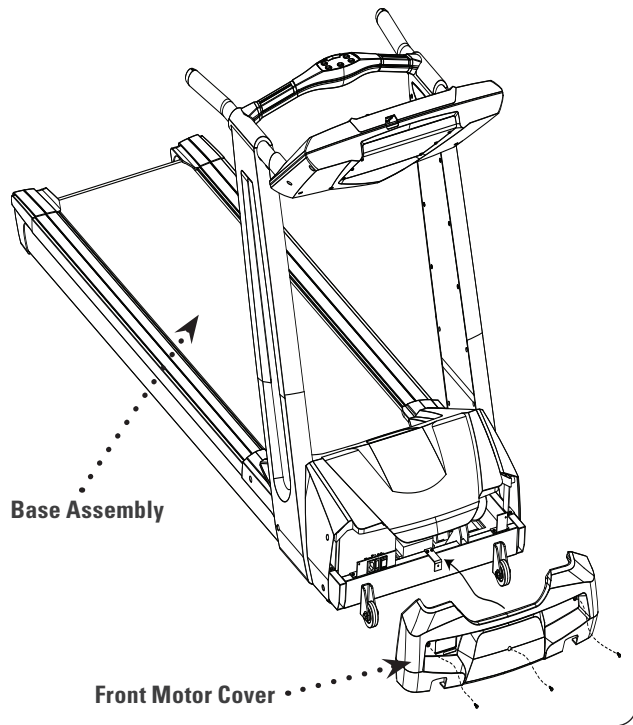
10-1 Install Left Upright Cover using 4 Phillips Flat Head Screws on the inside of the Left Upright Support Assembly.

10-2 Install 4 Self Drilling Metal Screws on the outside of the Left Upright Support Assembly and Left Upright Cover.

10-3 Repeat process for Right Upright Cover.

## BASE ASSEMBLY GUIDE

Figure 11: Step 11 Installing Front Motor Cover



### Step 11: Installing Front Motor Covering

Locate the following for this step:

Parts:

- Assembly from Step 10
- Front Plastic Motor Covering

Hardware:

- 3 Self Drilling Metal Screws (#8 x 3/4)



Tools:

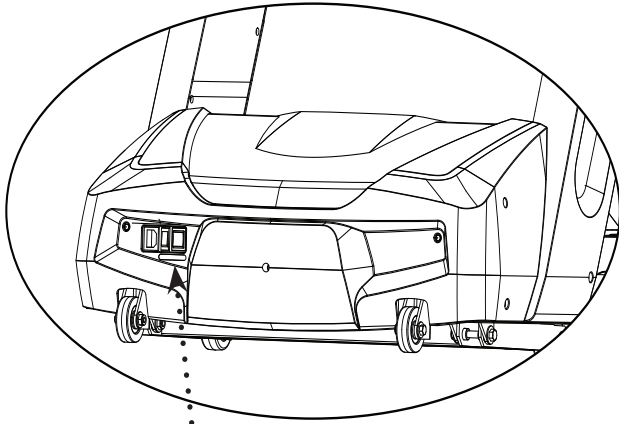
- Phillips Screw Driver

11-1 Install Front Plastic Motor covering onto the Base Assembly using 3 Self Drilling Metal Screws.



## BASE ASSEMBLY GUIDE

Figure 12: Step 12 Front Motor Cover Sticker



• Front Motor Cover Sticker Location

### Step 12: Installing Front Motor Cover Sticker

Locate the following for this step:

Parts:

- Assembly from Step 11
- Front Motor Cover Sticker

12-1 Wipe area beneath AC inlet on Front Motor Cover with clean dry cloth.

12-2 Carefully adhere the Front Motor Cover sticker (see illustrations below) to the area and rub to remove any air bubbles.

 **AC POWER** 000-4833

T514 & T516: Front Motor Cover Sticker

 **AC FRONT/REAR** 000-4822

T518: Front Motor Cover Sticker

### Step 13: Inspecting Base Assembly

Congratulations!

Now that you have assembled your Nautilus® Sport Series treadmill base, Model T514, T516 or T518, it is VERY IMPORTANT to tighten all screws and bolts, and visually inspect the treadmill. If your treadmill sits unevenly you may adjust the rear feet with a wrench to make the treadmill stable on your floor. Make sure that your treadmill has been assembled correctly and securely, and that there are no loose, uncovered or unattached parts prior to assembling the display.



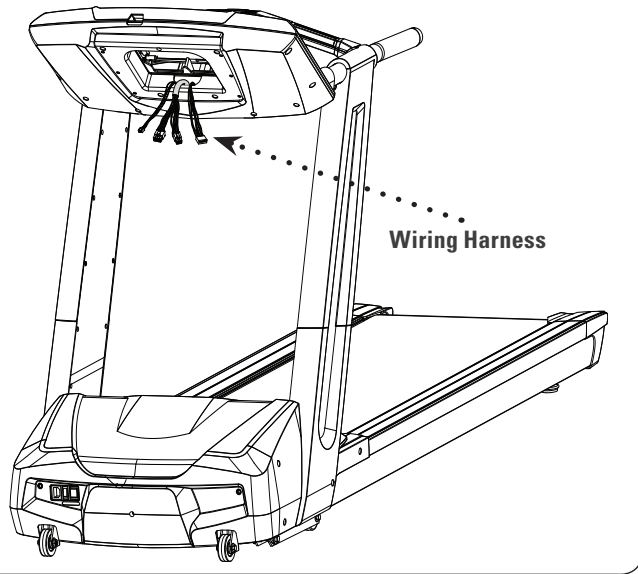
## WARNING

**Failure to visually check and test assembly before use can cause damage to the Nautilus® Sport Series treadmill and serious injury to users and bystanders and can also compromise the effectiveness of your exercise program.**

## DISPLAY ASSEMBLY GUIDE

The following instructions provide direction in completing the console units for the Nautilus® Sport Series treadmill displays LE, LE-X and LC. All instructions for assembling the display are given with the orientation of standing on the treadmill facing the console. The console is the front, while the rear roller is the back.

Figure 1: Step 1 Locating Wiring Harness



### Step 1: Locating the Wiring Harness

Locate the following for this step:

Parts:

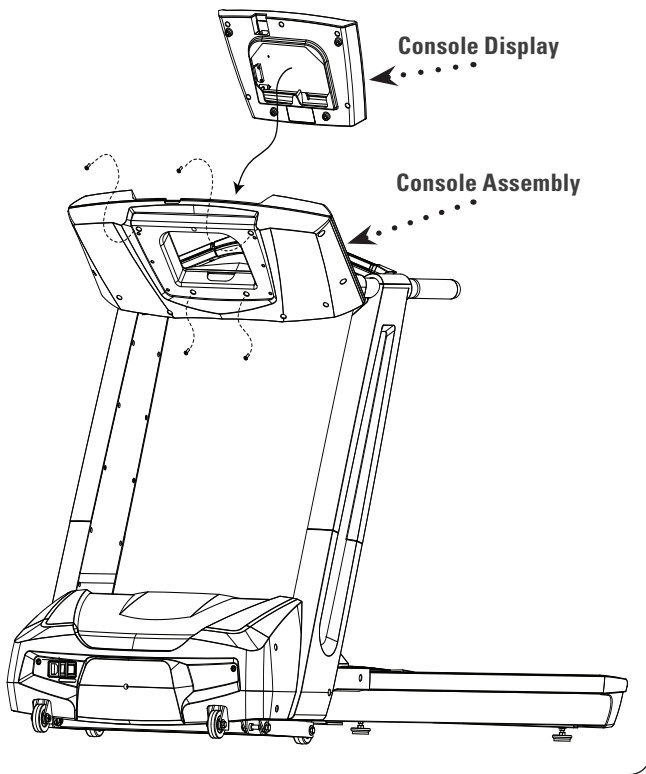
- Sport Series Treadmill Base Platform

1-1 Locate the Wiring Harness from the Console Assembly to the display.



## DISPLAY ASSEMBLY GUIDE

Figure 2: Step 2 Installing Display



### Step 2: Installing Display into Console Assembly

Locate the following for this step:

Parts:

- Treadmill Assembly from Step 1
- Display

Hardware:

- 4 Stainless Steel Screws (#10 x 5/8)



Tools:

- Phillips Screw Driver

2-1 Install Display into Console Assembly.

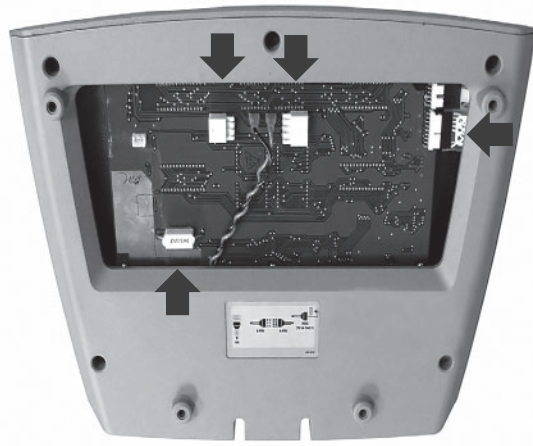
**IMPORTANT!**

MAKE SURE THAT THE  
WIRING HARNESS  
CABLES DO NOT  
BECOME PINCHED.

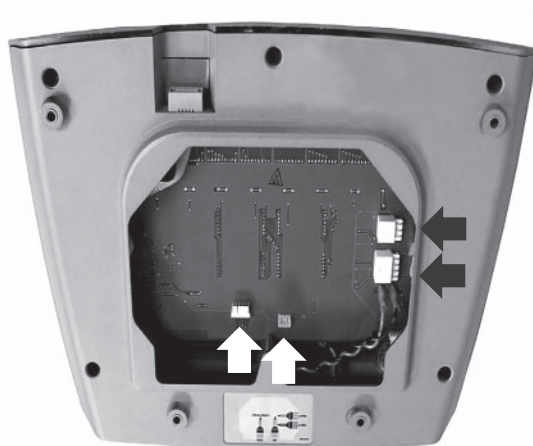
2-2 Secure the Display with 4 Stainless Steel screws.

# DISPLAY ASSEMBLY GUIDE

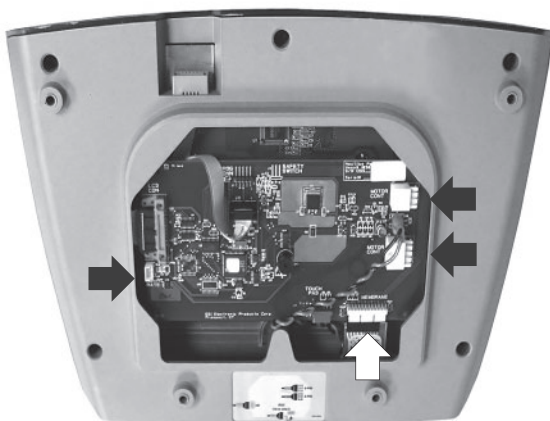
Figure 3: Step 3 Connecting Wiring Harness



LE Display Back



LE-X Display Back



LC Display Back

## Step 3: Connecting the Wiring Harness

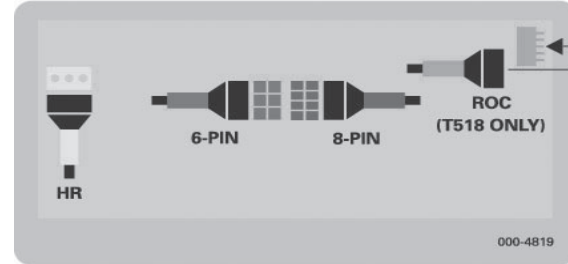
Locate the following for this step:

Parts:

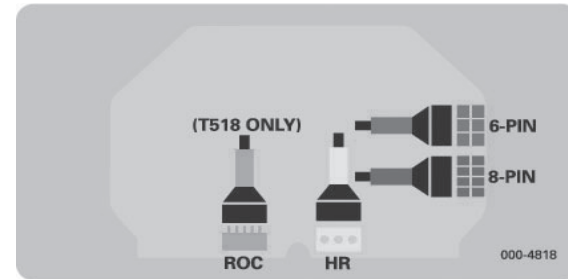
- Treadmill Assembly from Step 1

3-1 Connect the Wiring Harness from the Console Assembly to the display, making sure to match the pin connectors.

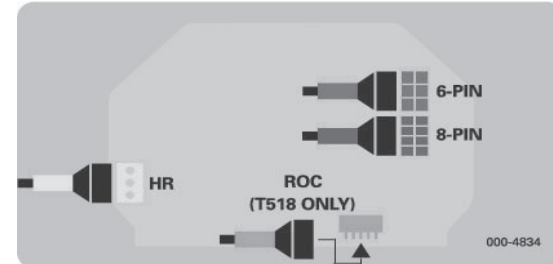
NOTE: The LE Display Connections:



NOTE: The LE-X Display Connections:



NOTE: The LC Display connections:

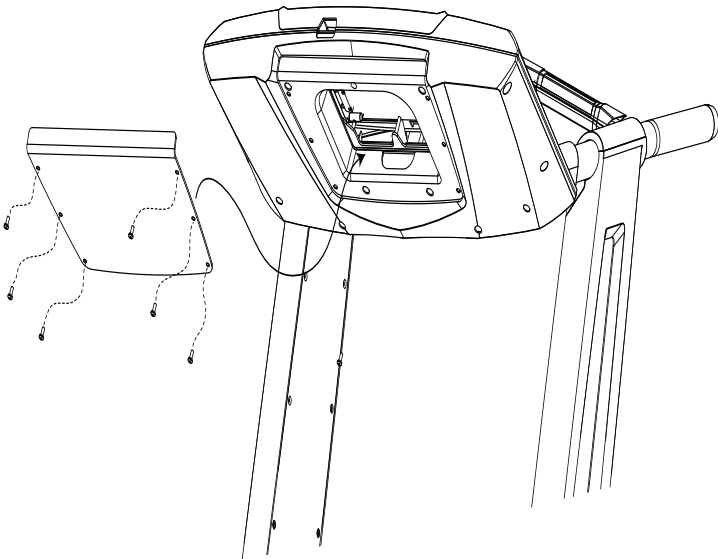




## DISPLAY ASSEMBLY GUIDE

### Step 4: Installing Rear Access Panel

Figure 4: Step 4 Installing Rear Access Panel



Locate the following for this step:

Parts:

- Treadmill Assembly from Step 3
- Rear Access Panel

Hardware:

- 6 Stainless Steel Screws (#10 x 5/8)



Tools:

- Phillips Screw Driver

4-1 Install Rear Access Panel using 6 Stainless Steel screws.

### CONGRATULATIONS!

Assembly of your Nautilus® Sport Series Treadmill is now complete.

Be sure to fully inspect your Nautilus® Sport Series treadmill before plugging in and using for the first time.

Please refer to your Nautilus® Sport Series Treadmill Owner's Manual for information on proper use of your treadmill and calibration.

For more information visit our web site [Nautilus.com](http://Nautilus.com) or call 1-800-NAUTILUS (1-800-628-8458).



## WARNING

**Failure to visually check and test assembly before use can cause damage to the Nautilus® Sport Series treadmill and serious injury to users and bystanders and can also compromise the effectiveness of your exercise program.**

## LIMITED WARRANTY

All Nautilus® exercise products are warranted to the retail purchaser to be free from defects in materials and workmanship. Warranty coverage valid to the original purchaser only and proof of the purchase will be required. Any product sold or placed in an application not recommended by Nautilus, Inc. will void any warranty coverage set forth by Nautilus, Inc. warranty policies and procedures. This treadmill is for home use only.

### Time Period:

Frame: Lifetime

All parts and electrical parts: 10 Years

Labor and wear parts: 1 Year

### What this warranty does not cover:

1. Any component on original equipment which carries a separate consumer warranty of the parts supplier.
2. Use in commercial setting such as health clubs, schools, hotels and hospitals.
3. Treadmills used by users weighing more than the maximum user weight limit of 350 lbs (159 kgs) for the T514 and 375 lbs (170 kgs) for the T516 and T518.
4. Any damage, failure or loss caused by accident, misuse, neglect, abuse, improper assembly, improper maintenance, failure to follow instructions or warnings in Owner's Manual or disaster (such as floods or power surges).
5. Use of product in an application not recommended by Nautilus, Inc. or in a manner or environment for which it was not designed.
6. Damage due to normal wear and tear.

### Limitations:

The preceding warranties are the sole and exclusive express warranties made by Nautilus, Inc. They supersede any prior, contrary or additional representations, whether oral or written. No agent, representative, dealer or employee has the authority to alter or increase the obligations or limitations of this warranty. Any implied warranties, including the WARRANTY OF MERCHANTABILITY and any WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, are limited in duration to the term of the applicable express warranty provided above, whichever is longer. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

### What Nautilus will do:

Nautilus, Inc. liability hereunder is expressly limited to the replacement of goods not complying with this warranty or, at Nautilus, Inc. election, to the return of the purchase price of the exercise product in question. THESE REMEDIES ARE THE EXCLUSIVE AND SOLE REMEDIES FOR ANY BREACH OF WARRANTY. Nautilus, Inc. shall in no event be liable for incidental or consequential losses, damages or expenses in connection with its exercise products. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

### Procedures:

Warranty service will in most cases be performed by an authorized Nautilus® Fitness Dealer or Service Technician. The original purchaser must provide proof of purchase. Service calls and/or transportation to and from the Nautilus® Dealer is the responsibility of the purchaser.

1. Nautilus, Inc. will have the option to repair or replace any exercise product, which requires service.
2. Nautilus, Inc. will replace any equipment frame that is structurally defective with a new frame or replace the unit with a unit of equal value. Nautilus, Inc. is not responsible for labor charges in replacing defective frames.
3. Nautilus, Inc. is not responsible for dealer labor charges for the component change overs completed after the labor related warranty period stated herein.
4. If you elect to repair an exercise product or part yourself, using the services of someone other than an authorized Nautilus® Fitness Dealer or Service Technician, or use a replacement part not supplied by Nautilus, Inc., Nautilus Inc. shall not be liable for any cost, damage, failure or loss caused by the use of such unauthorized service or parts.

### Warranty Registration (For the US and Canada Only):

1. Complete the warranty card that is enclosed with the treadmill's base and assembly guide and send via US mail or Canada Post, OR
2. Register online at <http://www.nautilus.com/warranty>. Click on Nautilus warranty registration.

List both the base model number and the display model number on the serial card. For example, list "T514 LE" for the model number if you purchased the T514 base and the LE display.



## IMPORTANT CONTACT NUMBERS

If you need assistance, please have both the serial number of your machine and the date of purchase available when you contact the appropriate Nautilus office listed below.

### OFFICES IN THE UNITED STATES:

- TECHNICAL/CUSTOMER SERVICE  
Nautilus, Inc.  
World Headquarters  
16400 SE Nautilus Drive  
Vancouver, Washington, USA 98683  
Phone: 800-NAUTILUS (800-628-8458)  
Email: customerservice@nautilus.com  
Fax: 800-523-1049
- MANUFACTURING FACILITY  
Nautilus, Inc.  
12032 Highway 155 North  
Tyler, Texas, USA 75708  
Phone: 800-NAUTILUS (800-628-8458)  
Fax: 903-877-4113
- CORPORATE HEADQUARTERS  
Nautilus, Inc.  
World Headquarters  
16400 SE Nautilus Drive  
Vancouver, Washington, USA 98683  
Phone: 800-NAUTILUS (800-628-8458)

For technical assistance and a list of distributors in your area, please call or fax one of the following numbers.

### INTERNATIONAL CUSTOMER SERVICE:

- INTERNATIONAL OFFICE  
Nautilus International S.A.  
Rue Jean Prouvé 6  
1762 Givisiez / Switzerland  
Tel: + 41-26-460-77-77  
Fax: + 41-26-460-77-70  
Email: technics@nautilus.com

### INTERNATIONAL OFFICES:

- SWITZERLAND OFFICE  
Nautilus Switzerland S.A.  
Tel: + 41-26-460-77-66  
Fax: + 41-26-460-77-60
- GERMANY and AUSTRIA OFFICE  
Nautilus GmbH  
Tel: +49-2204-610-27  
Fax: +49-2204-628-90
- ITALY OFFICE  
Nautilus Italy s.r.l.  
Tel: +39-031-51-10-86  
Fax: +39-031-34-24-97
- UNITED KINGDOM OFFICE  
Nautilus UK Ltd.  
Tel: +44-1908-267-345  
Fax: +44-1908-267-346
- CHINA OFFICE  
Nautilus Representative Office  
Tel: +86-21-523-707-00  
Fax: +86-21-523-707-09







Model: **T514**



Model: **T516**



Model: **T518**



**Be Strong.™**

For more information about our Sport Series treadmills or other Nautilus® equipment for your home, visit [www.Nautilus.com/SportSeries](http://www.Nautilus.com/SportSeries).

© 2005 Nautilus, Inc. All rights reserved. Nautilus, the Nautilus logo, My Nautilus, Heart Strong, Changing the Game in Health and Fitness, REACT, ROC, Remote Operation Control, SuperSoft, Hyperdrive, Be Strong are either registered trademarks or trademarks of Nautilus, Inc.

Nautilus, Inc. World Headquarters, 16400 SE Nautilus Drive, Vancouver, Washington, USA 98683, 1-800-628-8458, [www.Nautilus.com](http://www.Nautilus.com).

