



Preventative Maintenance and Diagnostics



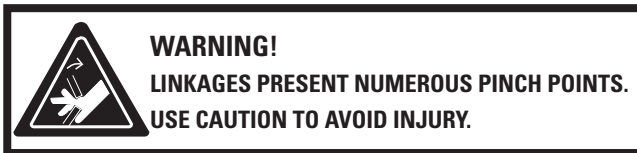
LX8000
TOUCH

Please Read – Before You Begin



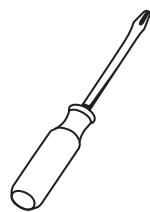
Before working on any Octane Fitness product, please take the time to look through the product specific manuals. Also note the following safety directions:

- Always unplug the machine while servicing (if applicable).
- Be extremely careful when working inside of Octane machines as there are many moving parts.

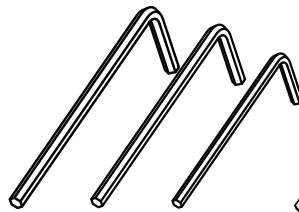


- Never spray cleaning solutions directly on the machine. To remove excess sweat, oil, and dirt: spray cleaning solution on a towel or rag first, and then wipe down the machine.

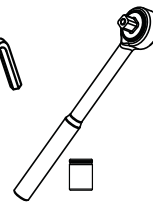
Tools Needed



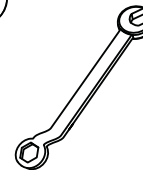
2 Phillips
screwdriver



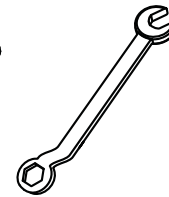
10mm / 6mm / 4mm
hex keys



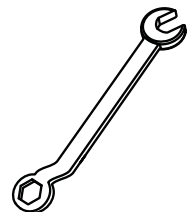
10mm
socket wrench



13mm wrench



17mm wrench



19mm wrench

Routine Maintenance

Periodic cleaning and inspection contributes to optimum machine performance and customer enjoyment. Octane Fitness recommends that you perform the following routine maintenance for every 100 machine hours of use:

Inspection Points

- Check Electrical
 - ◆ Connections - Cables, Wires, and Battery
 - ◆ Stride motors
 - ◆ Switches
- Check Mechanical
 - ◆ Pedal Bolts and Pillow Block Set Screws
 - ◆ Drive Belt
 - ◆ Moving Arm, Lateral, and Parallel Link Bolts
- Check Adjustments
 - ◆ Levelers
 - ◆ Handlebars
- Run Diagnostics

Machine Time 100:00:00

To check machine hours, tap the Octane logo on the main screen in this pattern: "0" "E" "E" "0"



Enter Passcode **933** and press **Enter**



Detailed maintenance and diagnostics procedures are listed in this manual and can be found on the Octane Fitness Support Site: <http://support.octanefitness.com>.

Product specific manuals can also be found on the support site. Refer to the following documentation for more information:

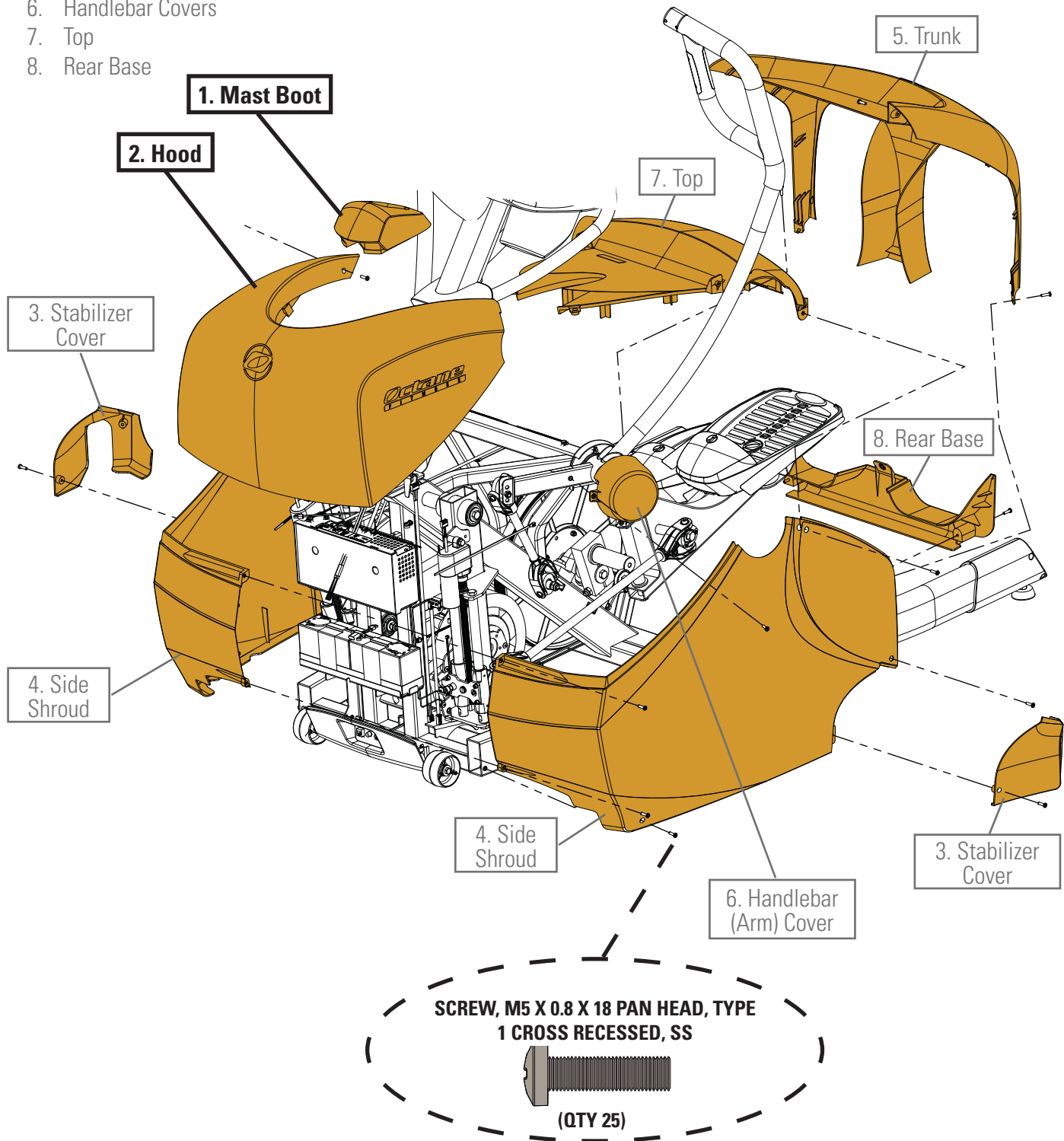
- LX8000 Assembly Instructions and Operations Manual
- LX8000 Service Guide

Accessing Parts Inside the Machine

To check the electrical and mechanical components, you need to access parts inside the machine. To access parts inside the machine, remove the shrouds/covers in the following order:

NOTE: To perform the majority of preventative maintenance procedures, you only need to remove the **Mast Boot** and **Hood**.

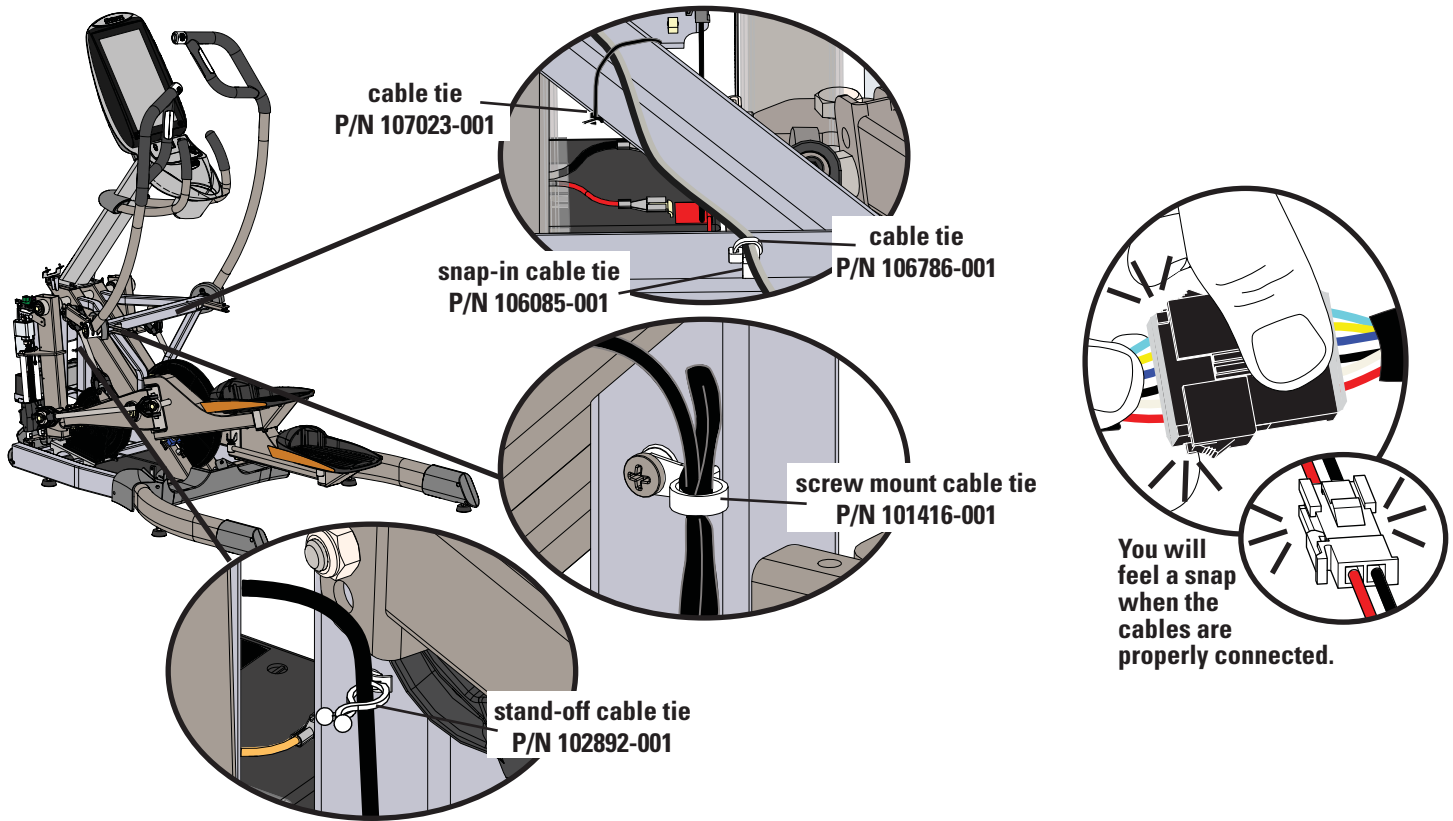
1. Mast Boot
2. Hood
3. Stabilizer Covers
4. Side Shrouds
5. Trunk
6. Handlebar Covers
7. Top
8. Rear Base



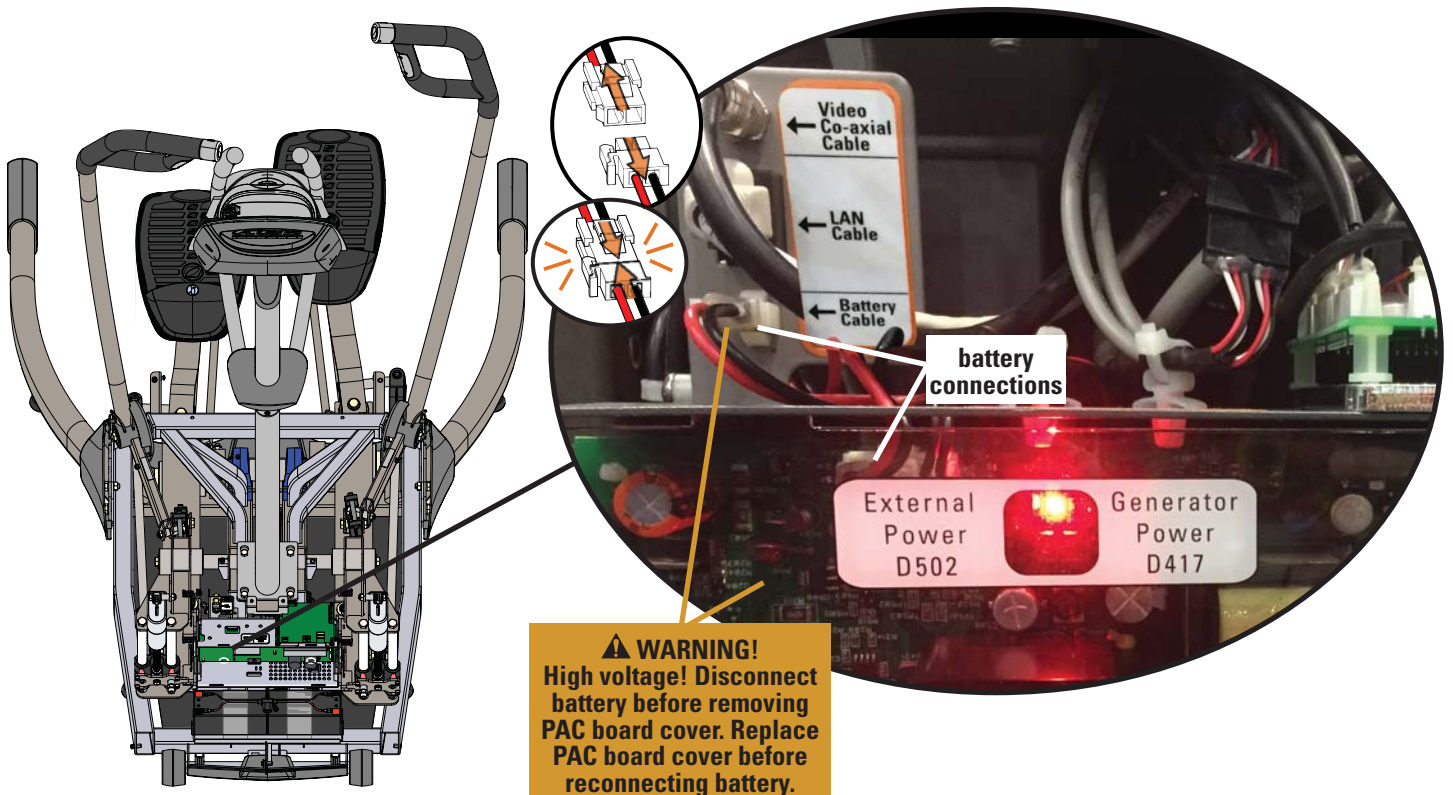
Preventative Maintenance

Electrical - Inspect Cables

Verify all cables are secured to the machine and have good solid connections.



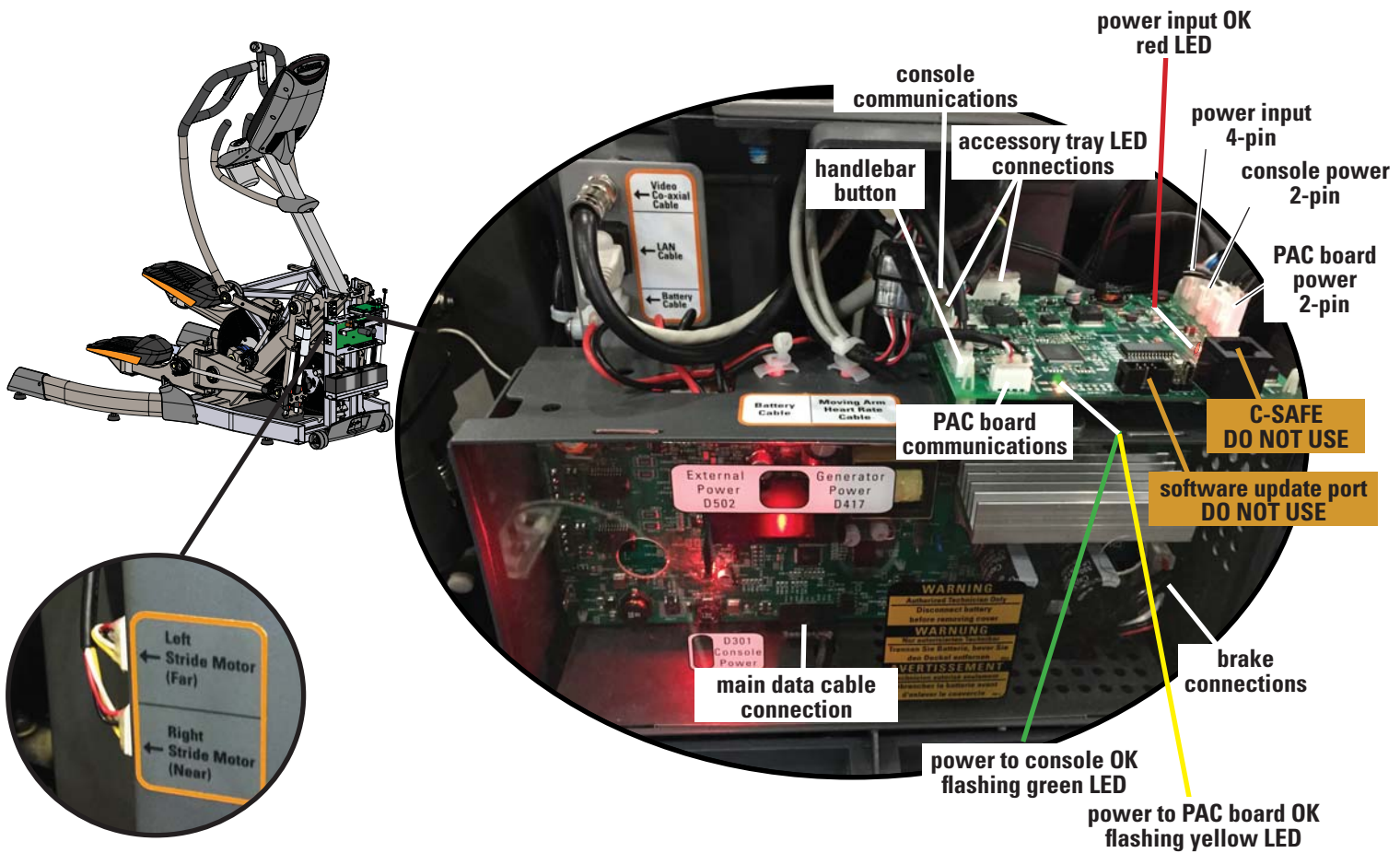
Electrical - Inspect Battery Connections



Preventative Maintenance

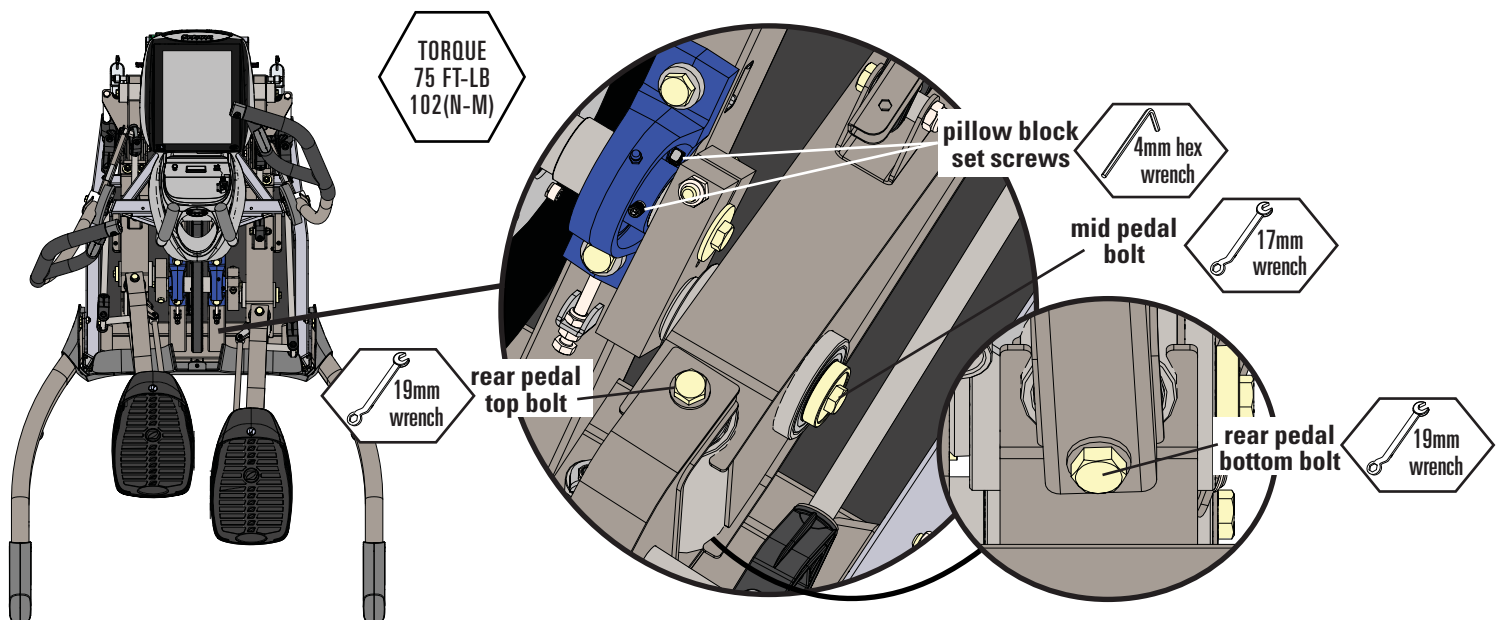
Electrical - Inspect Board Connections

Verify all cables are properly seated and LED indicators are functioning correctly.



Mechanical - Inspect and Tighten Pedal Bolts and Pillow Block Set Screws

If the mid or rear pedal bolt connections are loose, or if the pillow block set screws are loose, a knocking sound could occur. To prevent unwanted noise: use a torque wrench to tighten bolts and set screws to 75 FT-LB (102 N-M).

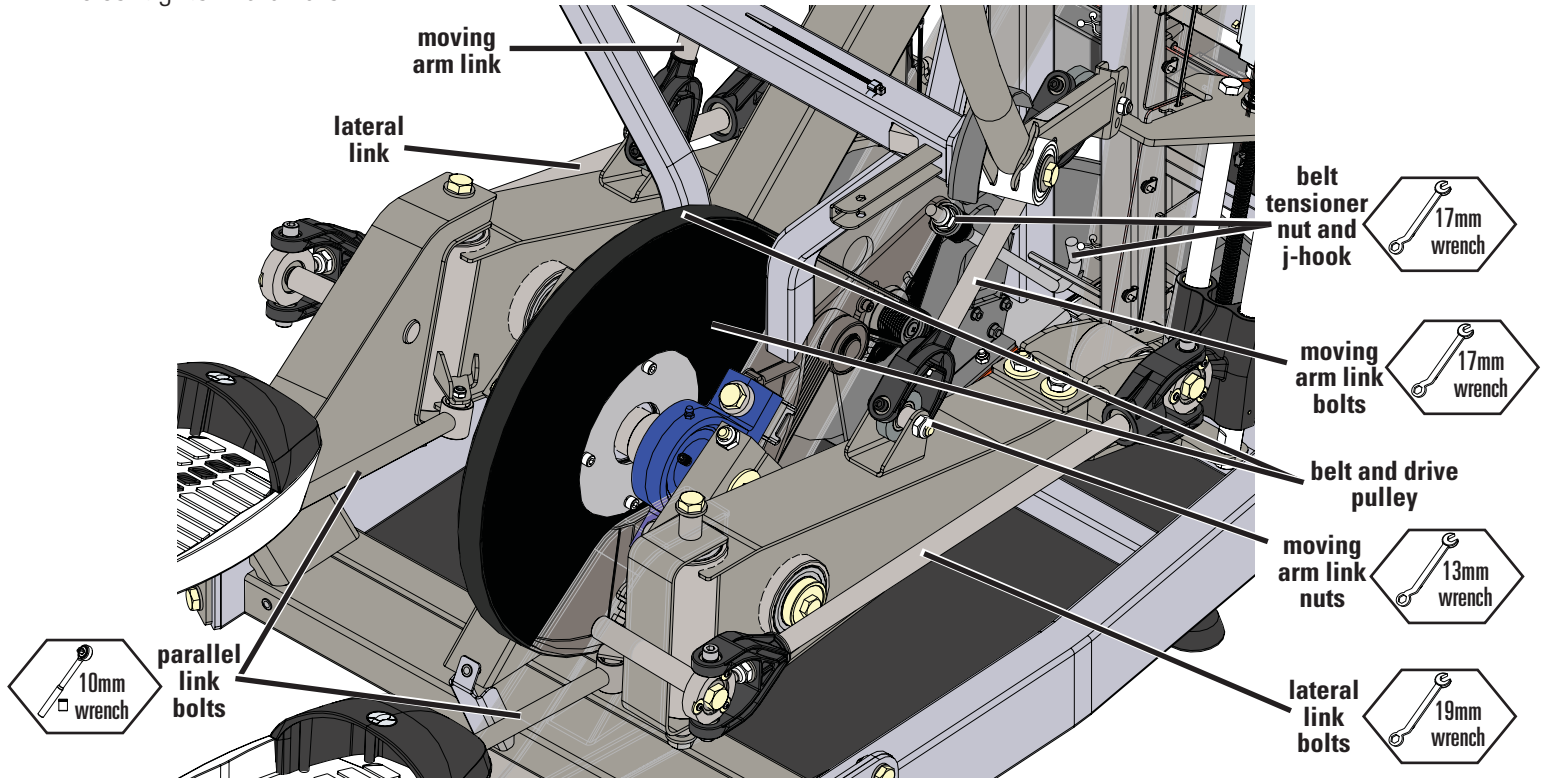


Preventative Maintenance

Mechanical - Inspect and Tighten Drive Belt, Moving Arm, Lateral, and Parallel Link Bolts

If the drive belt is loose or rubbing on the drive pulley, a scraping or dragging sound could occur. To prevent unwanted noise: center drive belt and tighten.

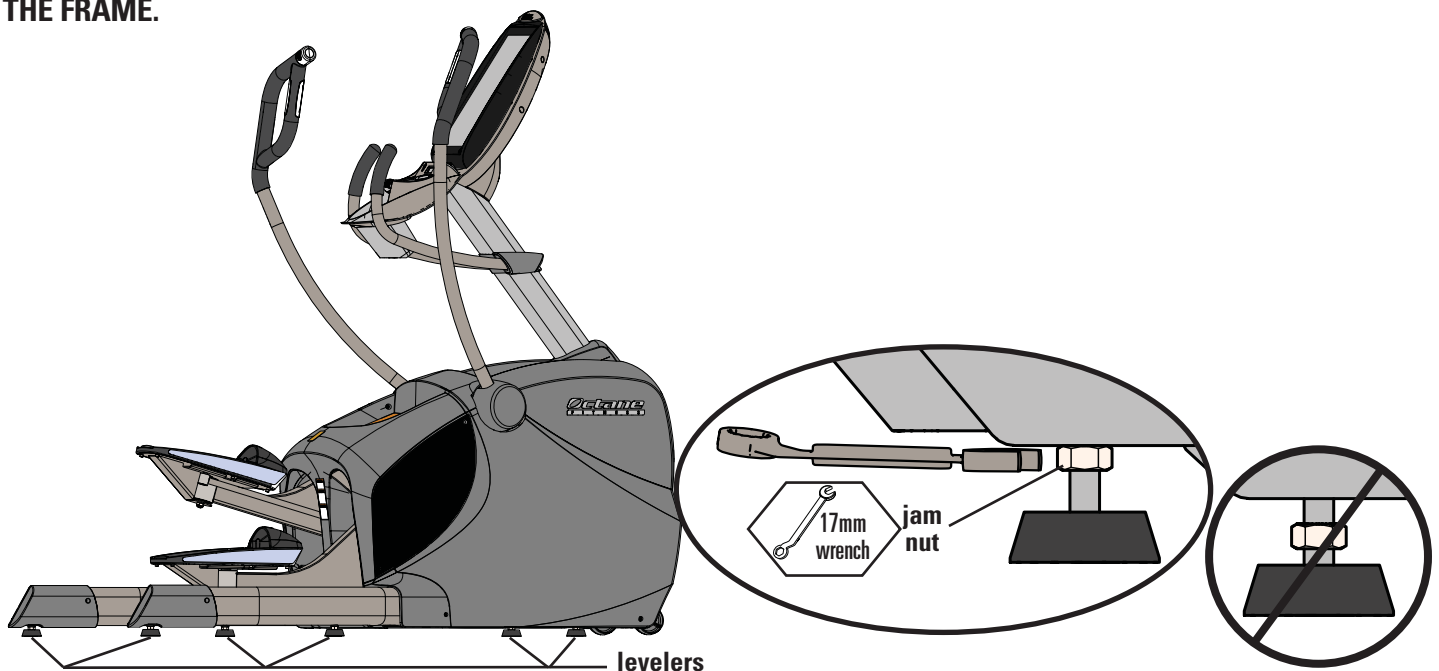
If the moving arm, lateral, or parallel link bolts are loose, a clicking or tapping sound could occur. To prevent unwanted noise: tighten hardware.



Adjustments - Inspect Levelers

If the product seems unstable, adjust the six levelers. Levelers are located on the bottom of the machine.

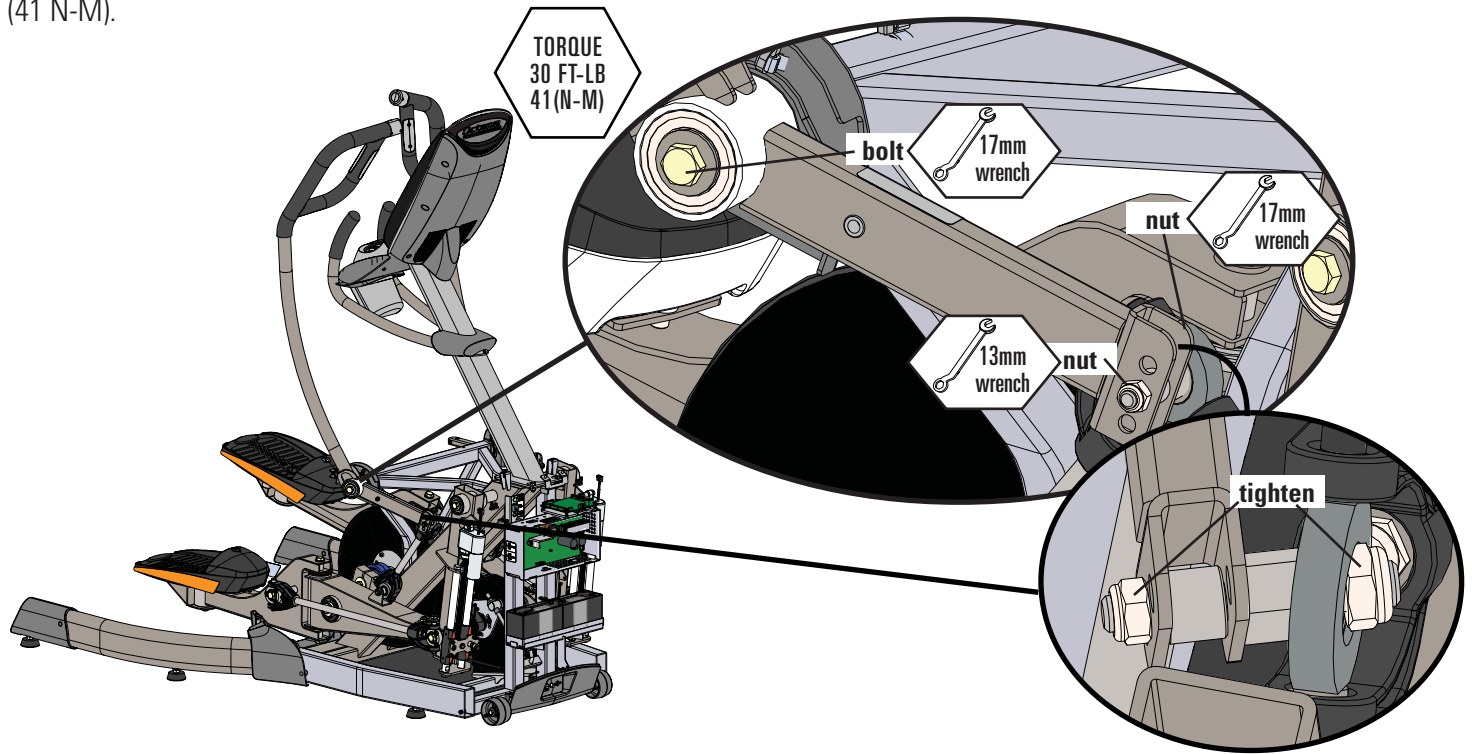
IMPORTANT! ALWAYS LOCK LEVELERS IN PLACE; TIGHTEN THE JAM NUT SO IT IS FLUSH WITH THE BOTTOM OF THE FRAME.



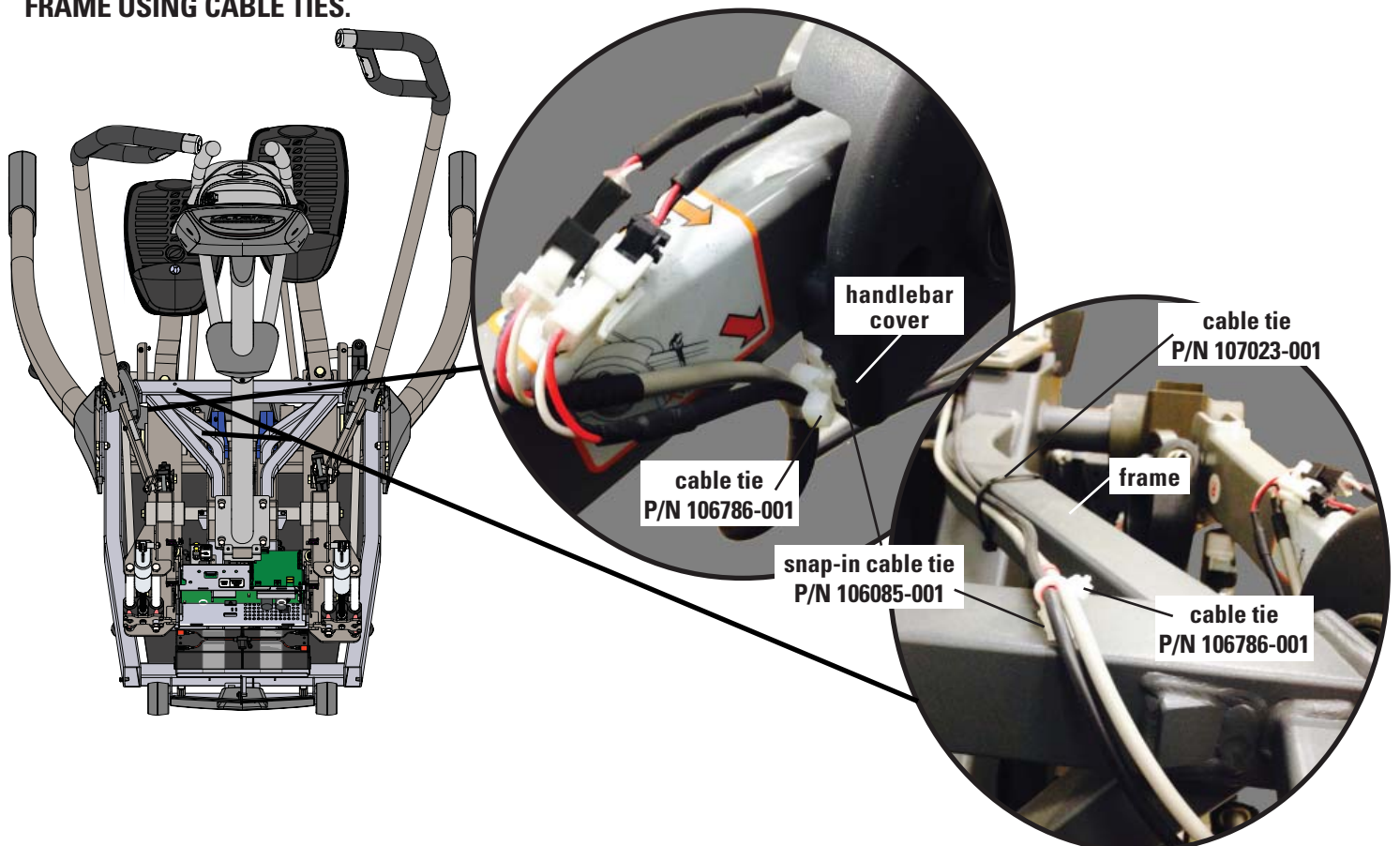
Preventative Maintenance

Adjustments - Inspect Handlebars

Ensure hardware that holds the moving handlebars is securely fastened. Use a torque wrench to tighten hardware to 30 FT-LB (41 N-M).



IMPORTANT! VERIFY HANDLEBAR CABLES ARE SECURED TO HANDLEBAR COVER AND WRAPPED AROUND THE FRAME USING CABLE TIES.



Diagnostics



The Octane Fitness Touch Console incorporates several views to assist in checking status and diagnosing and resolving potential issues. Use these views if a simple reboot of the console does not resolve an issue. Access these views from the main screen:

- Tap the Octane logo on the main screen in this pattern:
Tap “0”, tap “E”, tap “E”, tap “0”
- Enter the appropriate Passcode and press **ENTER**

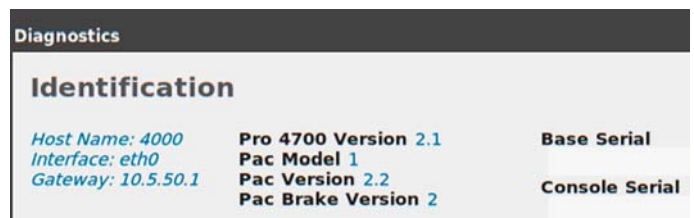


Diagnostic View

Passcode: **933**

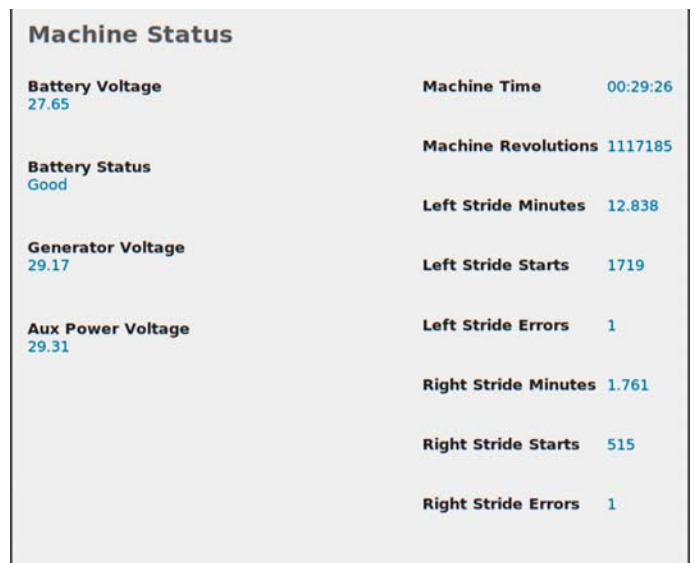
This view (shown above, right) is the primary view for service activities. The screen has four sections:

The **Identification** section provides basic information important for identifying the elliptical and its configuration, including networking information (Host Name, Interface and Gateway), software versions, and the base and console serial numbers for the unit. **You will need this information should you need to contact Octane Fitness for assistance.**



The **Machine Status** section gives you the information you need to diagnose battery and/or stride motor errors. Look for the following:

- Battery Voltage:** 23 or greater
- Battery Status:** Good
- Generator Voltage:** Any positive value while pedaling
- Aux Power Voltage:** Any positive value
- Left/Right Stride Errors:** 0



If your observations vary from these standards, or if any errors are indicated, record Machine Time, Revolutions, Starts and Minutes, then contact Octane Fitness for assistance.

NOTE: Screens shown are for illustration only; actual screens will vary in appearance based on product model and software version.

The **Manual Tests** section provides tools for you to use in testing various functions of the console.

Heart Rate: Grasp the contact heart rate grips; you should see a value displayed in the Heart Rate field. You may also test the wireless heart rate function by wearing a heart rate strap.

Speed: Pedal the machine to verify RPMs.

Direction: Pedal the machine forward and in reverse to verify direction is sensed correctly.

Stride: Press the – and + buttons on the screen to verify stride motor adjustment in both directions.

Level: Press the – and + buttons on the screen to verify level adjustments in both directions.

Fingertip Controls:

Stride Press the – and + adjustment buttons on the **LEFT** moving handlebar. The touch screen buttons turn green when the buttons are working properly.

Level Press the – and + adjustment buttons on the **RIGHT** moving handlebar. The touch screen buttons turn green when the buttons are working properly.

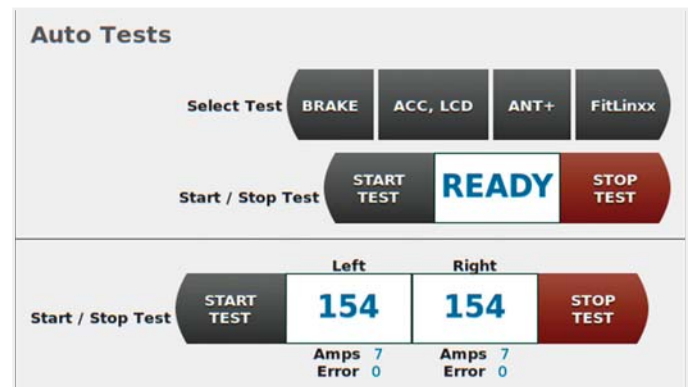


The **Auto Tests** section helps you find potential issues in the brake, accessory tray LCD, ANT+ Interface, FitLinxx interface and stride motors.

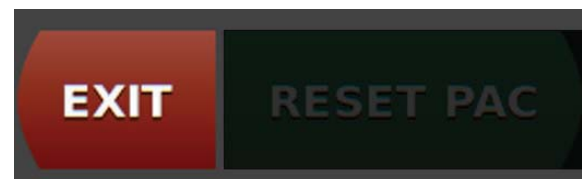
Press the touch screen button in the top portion of this section to select a test, then press **Start Test**. Once you have gathered the information you need, press **Stop Test**.

The lower portion of this section is for testing the stride motors. Press **Start Test** and review the information as it is displayed. Once you have gathered the information you need, press **Stop Test**.

If errors are detected during any these tests, note the information and contact Octane Fitness for assistance.



Press **Exit** to leave this view and return to the main screen. *The RESET PAC button does not function from this screen. If you believe you need to reset the Power and Control Board, contact Octane Fitness for assistance.*



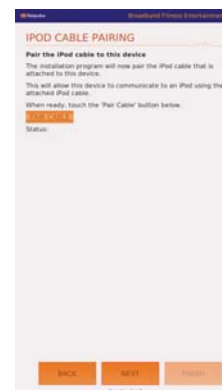
Additional Service Views

Four additional views are available for reconfiguring the settings of the Touch Console. Use the Passcodes below to access these views, and follow the on-screen instructions to complete the tasks.

Re-Pair iPod®

Passcode: **4763 (IPOD)**

Use this view to resolve communications issues between the console and the iPod connection.



Rescan TV Channels

Passcode: **7226 (SCAN)**

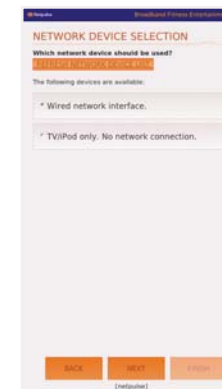
Use this view to reset the TV channels that are stored in the console memory.



Change Network Type

Passcode: **4638 (INET)**

Use this view to reconnect the console with the facility's network.



Re-Pair System

Passcode: **7247 (PAIR)**

Use this view to re-pair the console with the Netpulse Authentication Server so that the console can properly receive software updates.



For additional assistance with these or any service tasks, please contact your Octane Fitness service representative at 888-OCTANE4, extension 1.

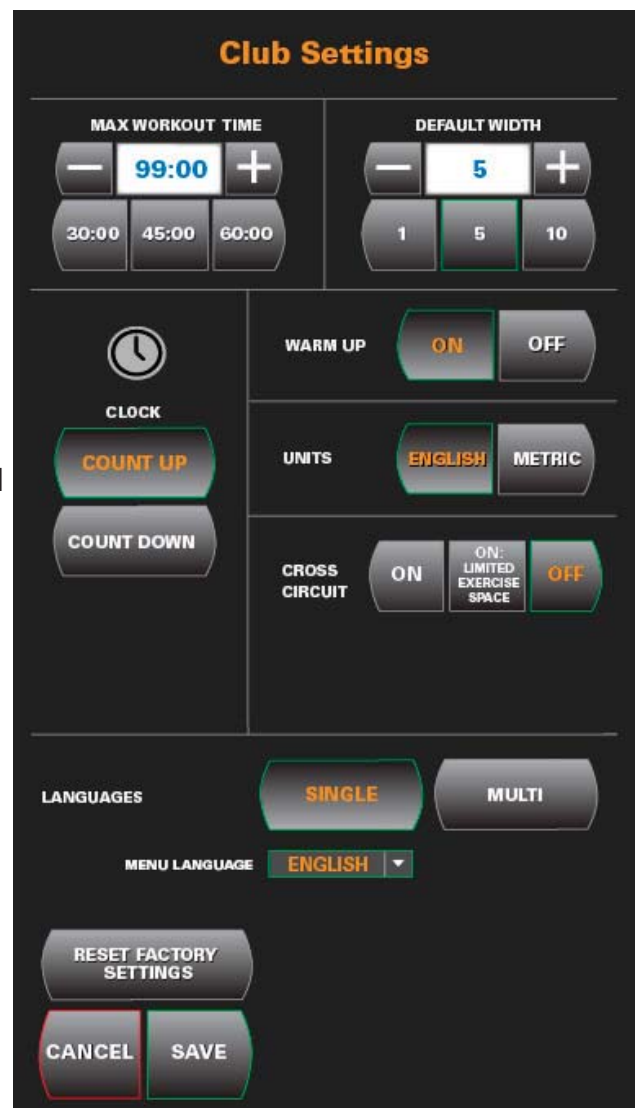
Club Settings

Passcode: **7388 (SETT)**

Use this view to customize attributes to meet the club's specific needs, including:

- Max Workout Time (up to 99:00)
- Default Stride Length or Lateral Width
- Clock Direction (Count Up or Count Down)
- Warm-Up (On or Off)
- Units (English or Metric)
- CROSS CiRCUIT (On, On: Limited Space, or Off)
- Languages (Single or Multi to let the user select)
- Menu Language

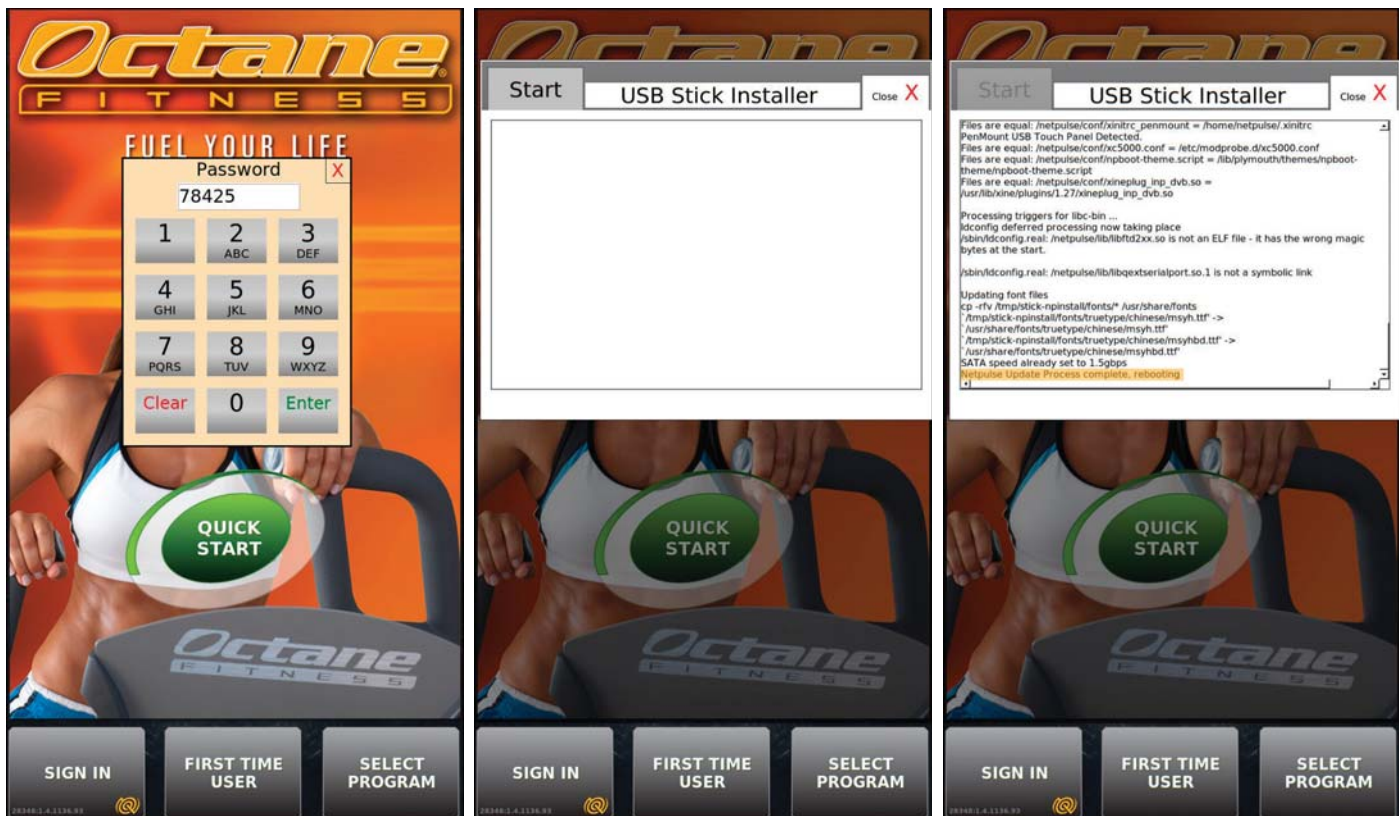
NOTE: Screen shown is for illustration only; actual screen will vary in appearance based on product model and software version.



Software Update

Passcode: **78425 (STICK)**

Follow these steps to update the software on the Touch Console with the USB stick provided by Octane Fitness.

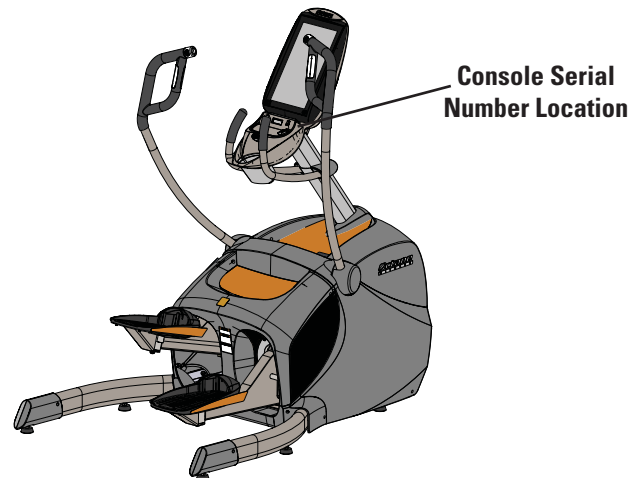
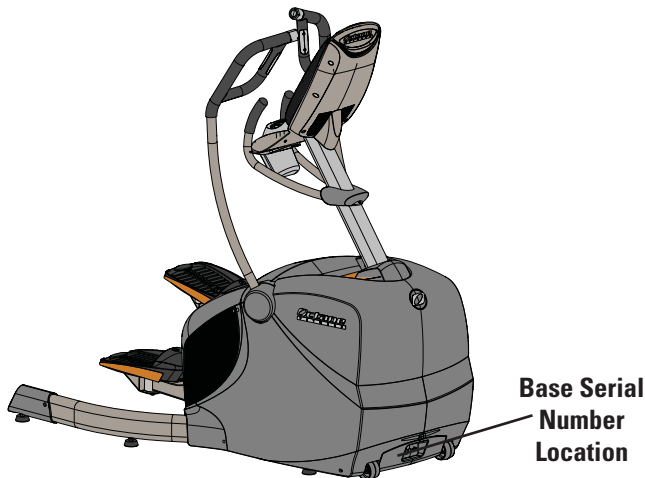


1. Insert the USB stick into the USB port on the back of the Touch Console. Tap "O" "E" "E" "O" on the main screen, then, enter the passcode **78425 (STICK)**.
2. Press "**Start**"
3. The software update proceeds automatically, ending with the message "**Netpulse Update Process complete, rebooting.**" The Touch Console reboots to the main screen. You may then remove the USB stick from the USB port.

Service Part Information

To help serve you efficiently and effectively, when you request service parts we ask that you provide the **base unit serial number**, the **console serial number** and an **accurate description of the problem** you are experiencing. This is important in order for us to send you the correct parts and to help us improve our products in the future. When possible, please use proper part numbers to ensure that the correct parts are ordered and shipped.

To send requests for service parts, use the support website, e-mail, or call customer service.



THANK YOU FOR SERVICING OCTANE MACHINES

If you need assistance, customer service is here to help:



1-888-975-1376 (USA & Canada)
001-763-757-2662 (Latin America/Asia Pacific)
31-10-2662412 (Europe/Middle East/Africa)
0800 088 5540 (United Kingdom)



<http://support.octanefitness.com>
(includes Chat with Tech Support)



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