

Life Fitness Model 97Ti, 97Te, 95Ti, 95Te and 93T Arctic Silver Treadmills
TROUBLESHOOTING GUIDE

NO POWER TO TREADMILL CONSOLE

Use the following procedure to troubleshoot No Power to the Treadmill Console.

1. Turn the Power OFF to the Unit.
2. Remove the Console Assembly to gain access to the Main Wiring Harness (P1). Leave all cables connected for testing.
3. Turn the Power back ON.
4. Place the **BLACK** Negative lead of the Multi-Meter on Pins No. 1 (yellow) and 2 (orange) to obtain a ground.
5. Place the **RED** Positive lead of the Multi-Meter on the corresponding wire to the verify voltage.
6. Following the Troubleshooting Chart below to verify problem.

TROUBLESHOOTING – “NO POWER TO DISPLAY CONSOLE”				
VOLTS	FUSE NO.	WAX/LIFT BOARD WIRE	POSSIBLE CAUSE	SOLUTION
12VDC	4	White	Short circuit in the Emergency Stop Switch Circuit.	If Voltage is present and the Console is not ON, then replace the Console PCB. If NO Voltage is present, then check the corresponding Wax Lift Board Fuse.
8VDC	6	Red	Short circuit in the Console PCB.	If Voltage is present and the Console is not ON, then replace the Console PCB. If NO Voltage is present, then check the corresponding Wax Lift Board Fuse.
8VDC	5	Brown	Short circuit in the Console PCB.	If Voltage is present and the Console is not ON, then replace the Console PCB. If NO Voltage is present, then check the corresponding Wax Lift Board Fuse.
			Short in the Smart Stop Circuit or Cable.	Inspect the Smart Stop Circuit Board and Cables for damage. If necessary, replace.
			C-SAFE Port, Fuse No. 5, shorts out when plugging in an accessory.	Unplug the accessory that is connected to the C-SAFE ports. If problem continues with the accessory unplugged, replace the Console. If problem only persists with accessory plugged in, then the accessory vendor must be contacted.
			Check for shorts in cables.	If necessary, replace.