

GFT Feature Sheet

The ground fault test (GFT) is used when a feature is suspected of causing the spa to trigger a ground fault.













Entering The Ground Fault Test Menu

To enter the GFT menu, hold the light button on the Topside for 10 seconds. After 5 seconds the units for the temperature will change (°F <-> °C), and after 10 seconds any features running are turned off and “GFT” is displayed on the screen. If the heater was running when entering the GFT menu, then it will enter a cool-down period of 1-minute. Pressing the pump 1 button will exit.

Starting the Ground Fault Test

From the GFT Menu, pressing the filter button begins the GFT. The GFT then turns each of the relays being used by the spa on one at a time for 5 seconds.

	Testing the Pump 1 Low relay
	Testing the Pump 1 High relay
	Testing the Pump 2 relay

	Testing the Pump 3 relay
	Testing the Pump 4 relay
	Testing the Pump 5 relay
	Testing the Blower 1 relay
	Testing the Blower 2 relay
	Testing the Ozone relay
	Testing the Onzen relay

St		Testing the Stereo relay
rE		Testing the Exhaust Fan relay
Lt		Testing the Light relay
HP		Start Pumping the water before turning on the heaters for 20 seconds.
H1		Test the Heater 1 relay
H2		Test the Heater 2 relay
Hcd		Cool-down the heaters for 20 seconds after testing.

If a ground-fault shuts down the spa during the test then when the test is running, then when the spa is started again, the relay will be disabled. If the spa tries to turn on the relay, then “GF” is displayed on the topside.



Once the error is fixed, the relay can be enabled again in the GFT Enable/Disable Menu. Pressing the pump 1 button while the running the GFT exits the GFT and brings the user back to normal operation.

GFT Enable/Disable Menu

The GFT Enable/Disable Menu is accessed from the main GFT screen by pressing the Pump 3 button. The pump 3 button can then be used to advance through the menu, and the filter button is used to go back. The up and down arrows are used to enable and disable the relays respectively. Pressing the pump 1 button brings you back to the main GFT menu.