

INSTRUCTIONS FOR JET PUMP CORD REPLACEMENT ON 2002 – CURRENT – CALDERA UTOPIA, PARADISE AND HIGHLAND SPAS

The CALDERA SERIES SPAS have a new jet pump cord assembly. Beginning with spa serial number XXX#**D1001**, the receptacle in the control box has terminals and the old style cord with Molex connector will not fit.

Tools Required: Safety Glasses Phillips Head Screwdriver

Safety Requirements: *Safety Glasses must be worn at all time during this procedure.*

Refer to the following instructions to replace the cord:

1. Remove the screws holding the pump motor cover on. Remove the pump motor cover.
2. Loosen the cord lock on the side of the pump.
3. Remove the wires from the various terminals in the pump. Taking note which color wire is going to the terminal.
4. Remove the ground wire from the ground lug.
5. Remove the old plug cord.
6. Install the new wires into the pump terminals in the reverse order of removal.
7. Reinstall the pump motor cover.
8. Install the wires into the control box. Refer to the following chart to determine the proper wiring of the pump:

Utopia/Paradise

Wire	Board Terminal	Board Terminal
White	Jet Pump 1 White (P18)	Jet Pump 2 White (P20)
Black	Jet Pump 1 Black (P19)	Jet Pump 2 W Red (P21)
(Red)	Jet Pump 1 Red (P29)	
Green	Ground Lug	Jet Pump 2 Black (P33)

Highland

Wire	120 V System		240 V System	
	Board Terminal	Board Terminal	Board Terminal	Board Terminal
Green/Grn	Jet Pump 1 – P4	Jet Pump 2 – P6	Jet Pump 1 – P4	Jet Pump 2 – P6
Black/Lo	Jet Pump 1 - P14	Jet Pump 2 – P11	Jet Pump 1 - P14	Jet Pump 2 – P11
(Red/Hi)	Jet Pump 1 - P12		Jet Pump 1 - P12	
White/Com	Jet Pump 1 – P7	Jet Pump 2 – P9	Jet Pump 1 – P18	Jet Pump 2 – P17

9. Verify the operation of the spa.