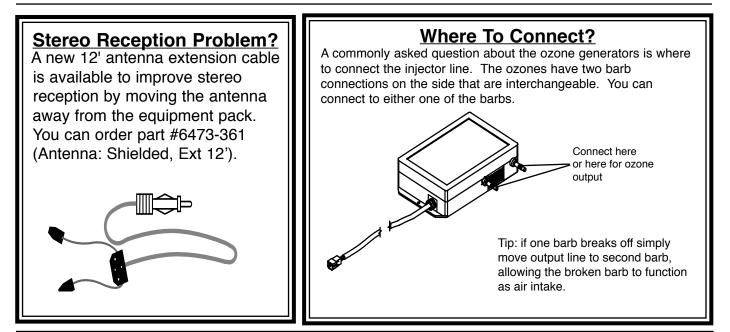


Issue 1

Jacuzzi Hot Tubs Technical Support Department

March 2006



## What's This Part Number?

In 2005 we changed parts numbers for some circuit boards and pump assemblies. The part number reflects a change in vendors. Listed below are just a few of the parts numbers that have changed:

#### **Circuit Boards**

6600-**0**86 is now the 6600-**2**6600-**0**87 is now the 6600-**2**6600-**0**89 is now the 6600-**2**6600-**0**88 is now the 6600-**2** Both parts are interchangeable

**Pump assemblies** (to list a few) 6500-**2**53 is now the 6500-**7**6500-**2**61 is now the 6500-**7**6500-**2**58 is now the 6500-**7**

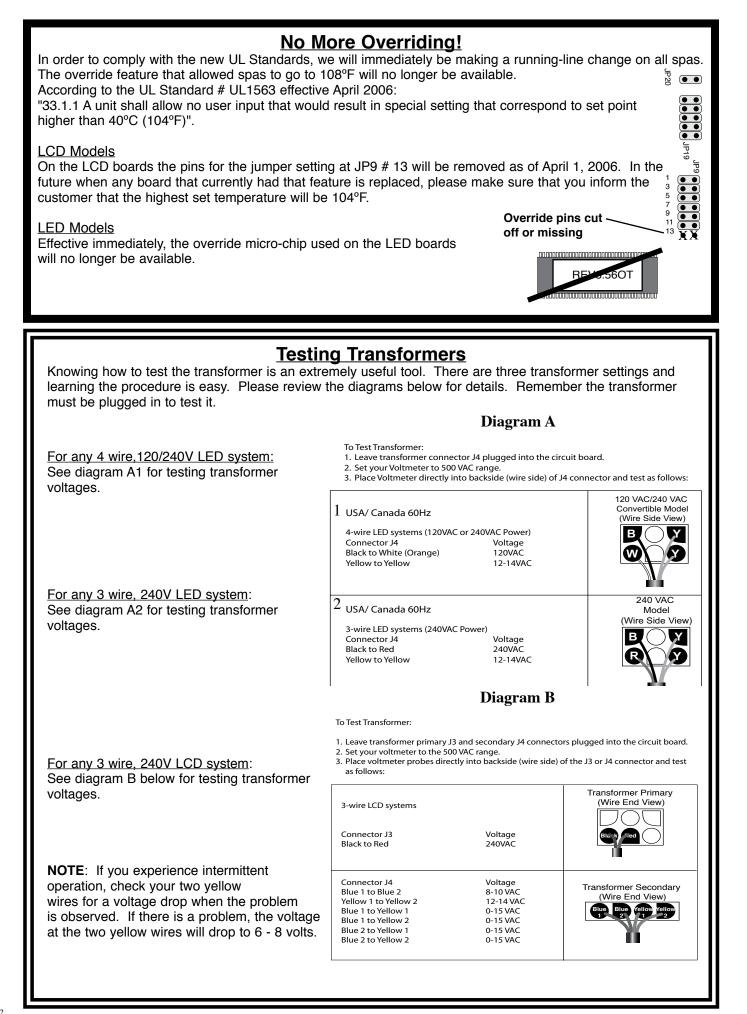
Both parts are interchangeable.

### **Dealer Web Site**

The Dealer Community web site is loaded with useful information. Please use this web site often and check it for updates. 2006 information is available there, such as new parts listings, 2006 owners manuals and product updates. Access the web site at:

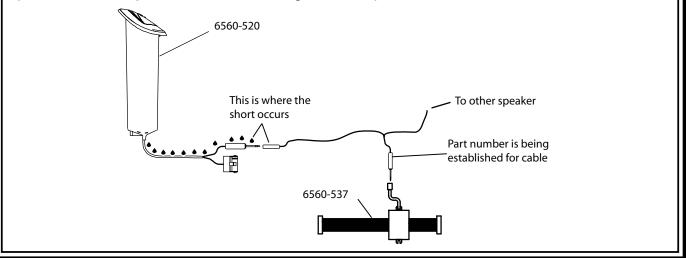
http://www.jacuzzipremium-dealers.com.





# **Remote Issues?**

If you are experiencing some issues with the remote control not operating the speakers, here is one thing to look for. The speakers have a rod that protrudes from the bottom which houses speaker wires. Sometimes when water finds its way into the speaker housing, it travels down the rod and affects the 1/4" stereo plug, shorting it out. That in turn affects the remote operations through the speaker. We are currently working on establishing a part number for the speaker cable and will update the field once this is done. For now, the speaker cable only comes with the wiring harness, part # 6560-538.



## **Stereo Replacement Parts**

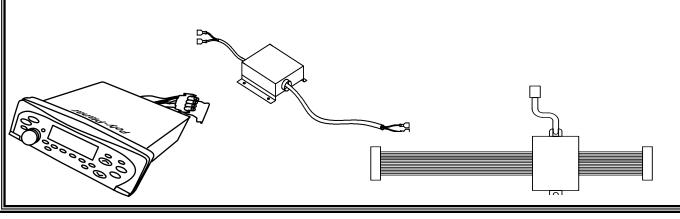
When making stereo repairs, please make sure you have all of the right parts that might be needed to make the repairs. See list below for replacement parts.

#### Poly-Planar

6500-204 stereo receiver 6560-538 wiring harness 6500-005 power supply 6560-812 antenna 6560-501 speaker 2004 + 6560-517 speaker 2003 only 2570-235 speaker 2002 only 6560-504 crossover/interface 6472-274 remote

#### Additional Parts for J400 Series (2006)

20198-001 equalizer module 400 20197-001 wiring harness 20229-001 remote w/jets 20230-001 remote interface 20124-001 sub woofer 20169-001 speaker 20100-001 speaker grill



### Stereo Showroom Display Without Water

Many dealers in recent months have asked, "Is it possible to connect a Jacuzzi spa equipped with an audio system to a 120 VAC power supply for demonstration purposes?" The answer is yes! Refer to the setup procedure below for details:

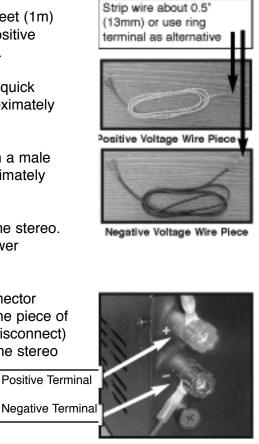
#### **Items Required**

- 1. Power supply: 12-15 VDC @ 15A continuous
- 2. 18 AWG stranded wire approximately. 6 feet (2m) long 5. Wire crimp / cut tools
- 3. 1 female guick-disconnect, 18 AWG

#### **Installation Procedure**

- 1. Make a pair of wires and attach connectors as follows.
- **A.** Cut 2 pieces of 18 AWG stranded wire approximately 3 feet (1m) long (more or less as appropriate). One will be for the positive terminal connection and one for the negative connection.
- **B.** For the positive voltage wire: crimp one end of wire with guick disconnect female terminal and strip the other end approximately 0.5" (13mm) as shown (right).
- **C.** For the negative voltage wire: crimp one end of wire with a male quick-disconnect terminal and strip the other end approximately 0.5" (13mm) as shown (right).
- 2. Locate the two wires that connect to the DC voltage to the stereo. Disconnect these wires from the pre-installed factory power supply.
- **A.** Locate the positive connector from the stereo. This connector should be a male quick-disconnect on a red wire. Use the piece of wire that was just made (the one with the female quick disconnect) and connect it to the male guick-disconnect terminal of the stereo wire. Positive Terminal
- **B.** Connect the other end (stripped end) to the positive terminal post of the power supply labeled with a "+" mark (see illustration right).
- **C.** Locate the negative connector from the stereo. This connector should be a female quick disconnect on a black wire. Use the piece of wire that was just made (the piece with the male quickdisconnect) and connect it to the female guick-disconnect terminal of the stereo wire.
- D. Connect the other end (stripped end) to the negative terminal post of the power supply labeled with a "-" mark (see illustration right).
- 3. Verify that the positive wire connects to the positive post of power supply and to the positive terminal on the stereo. Also verify the negative wire connects to the negative ends before applying power to the power supply and stereo.

4. 1 male guick-disconnect 18 AWG



Power Supply (Back View)

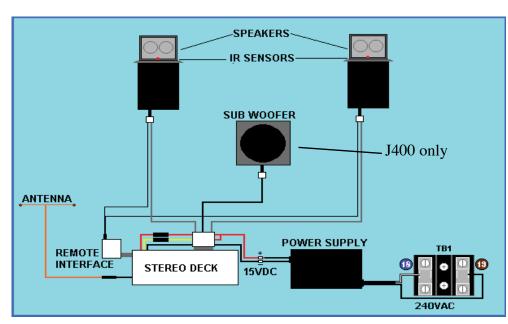
Model # 22-508 Radio Shack Cat No. 22-508



Power Supply, 13 VDC@15A Radio Shack Web Site: http://www.radioshack.com

### Wireless Stereo Remote Troubleshooting

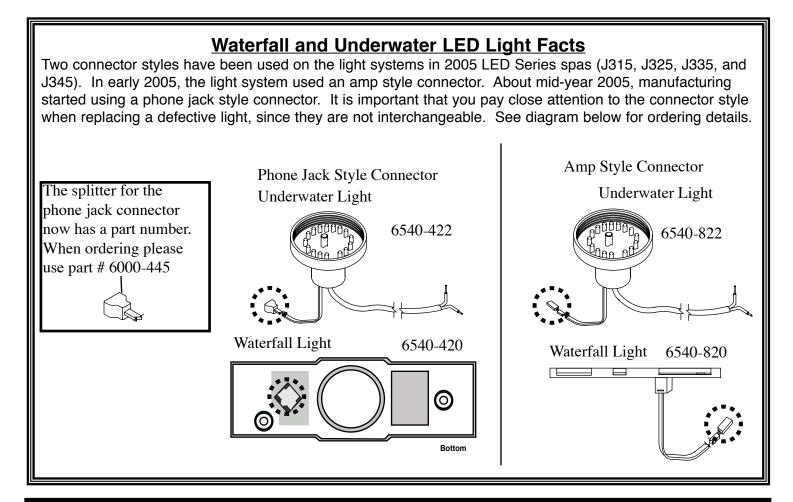
Many dealers ask for help when trying to diagnose a problem with the stereo remote control. In order to troubleshoot the remote control system, you must have spare parts on hand. For a list of parts needed, see article on page 3.



#### Jacuzzi Hot Tubs Stereo System

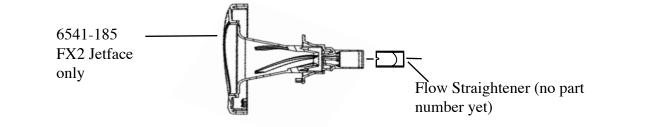
- Step 1: Point the remote at the speakers and try to activate. Do the IR lights (LED's) on the speakers flicker? If not, check for unplugged IR interface (IMR-150/200) in equipment area or unplugged black cable connection (1/8 phone jack) at each speaker connection. Next, try another remote as it may be defective or have a dead battery. If LED's flicker and remote is non-functional, then proceed to step 2.
- Step 2: Expose the back of stereo and unplug the IR interface (IMR-150/200) module from it. Now point the remote at the front of the stereo deck and try to activate it. Does it work? If not, the stereo is defective. If it works, that means the stereo deck is good, proceed to step 3.
- Step 3: Replace the IR interface (IMR-150/200), connect the stereo deck and try to activate. Does it work? If so, replace the IR interface (IMR-150/200). If not, proceed to step 4.
- Step 4: Turn off the spa. Locate the wire harness from back of stereo and un-plug it. Temporarily install new wire harness (placing wire harness outside equipment area) with new speakers. Turn on the spa. Test remote by aiming at speakers. Does it works? If so, then the problem is in wire harness or speakers. Remove old speakers and try with new harness. If the remote works with old speakers, then there is a bad harness. If the remote is not working, then a speaker(s) is bad.

**NOTE**: If a ISC-100 has been added to allow the remote to control jet functions (J400 Series only), try unplugging the ISC-100 and test remote again. If the remote works, then the ISC-100 is the problem.



## New FX2 Flow Straightener Details

It was noticed that the new PowerPro FX2 jet flow stream occasional tends to be focused more towards the side walls of the spa rather than the center. To correct this issue when present, we have added a flow straightener to keep the jet stream centered for optimum performance. If you have a jet with a non-centered flow stream, we can supply a limited quantity of straighteners, upon request. A part number will eventually be established for this part. For now, please call the technical department for assistance on getting this part.



## Maxx PowerPro O-Rings

When making field repairs on the Maxx PowerPro jet, it is imperative that you pay close attention to the spas manufacture date. The drilling hole size for this jet was changed on 7-25-05 and was made smaller. Refer to the listing below for the correct o-ring size to service spas manufactured before and after this change:

Spas manufactured prior to 7-25-05 use o-ring part # 6541-826

Spas manufactured after 7-25-05 use o-ring part # 6541-073

## ProPolish Filter Bag

Caring for the new ProPolish filter bag is plain and simple. As stated in the owner's manual, the bag should be emptied weekly and replaced every three months. The cleaning procedures for the bag are to remove the bag, dump out the contents, rinse with low pressure water and reinstall. The bag (depending on the use and water maintenance) may look dirty but it is still good to use. The bag should never be washed with a high pressure nozzle or be machine washed in any way. To order replacement bags, use part # 20076-001.



## **Additional Placement of Serial Number Stickers**

By popular demand, you will be pleased to learn that the serial numbers of our spas are now located in three places for increased accessibility. This will assist you in keeping track of your inventory and record keeping. The three locations that you will find the serial number stickers are:

- On the outside packaging
- Attached to the spa on the lower right-hand corner of the pan of J-300<sup>™</sup> and J-400<sup>™</sup> models, and on the back right skirt panel on the J-200<sup>™</sup> models
- · On the load center inside the equipment bay

### Upcoming Technical Service Seminars!

Ontario, California Seminar – April 20th and 21st Each technician should attend a two-day Ontario seminar at least once because of the value-added activities that are only offered at the factory-based seminars. The factorybased seminars are held twice a year, in the Spring and in the Fall.

The cost of this year's event is \$295.00 for the first person (based on double occupancy) and \$245.00 for each additional person from the same dealership. Service centers are also welcome to attend. The registration fee includes:

- 1 ½ days of training
- Hotel accommodations (double occupancy) for 2 nights
- Continental breakfast and lunch both days
- Dinner and a night's entertainment for the first night
- Workbooks
- A complimentary T-shirt
- Certification testing
- Factory tour

Seats are limited for this special factory-based event. Attending this seminar will help technical service personnel to improve their ability to troubleshoot, as well as give them the opportunity to see the factory close-up. Registration forms are available on the dealer community web site.

### © 2006 Jacuzzi Hot Tubs

14525 Monte Vista Ave, Chino, CA 91710/USA Phone: (909) 606-1416; Fax: (866) 924-7727; Web site: http://www.jacuzzipremium-dealers.com