

## MONITOR REPAIR SERVICES

We provide electrolytic capacitor replacement and repair services for the monitor models listed below. Actual shipping will be added to the final price.

Monitor Make & Model	Cap Replacement	Additional Repairs
Electrohome G07-CBO (19")	\$150	\$50/hour + parts
Electrohome G07-FBO (13")	\$125	\$50/hour + parts
Sanyo 20EZ/Y/Z/V (19")	\$125	\$50/hour + parts
Wells Gardner K4600 (19")	\$125	\$50/hour + parts
Wells Gardner K4700 (13")	\$125	\$50/hour + parts
Wells Gardner K4800 (13")	\$125	\$50/hour + parts
Wells Gardner K4900 (19")	\$125	\$50/hour + parts
Wells Gardner K7000 (13")	\$125	\$50/hour + parts
Wells Gardner K7000 (19")	\$125	\$50/hour + parts
Wells Gardner K7000A	ASK	
Wells Gardner K7000 (25"/27")	\$150	\$50/hour + parts
Wells Gardner K7400 (25"/27")	\$150	\$50/hour + parts
Wells Gardner U2000 (25"/27")	\$150	\$50/hour + parts
Wells Gardner U5000 (25"/27")	\$150	\$50/hour + parts

### REPAIR DETAILS

- Cap Replacement includes replacing electrolytic capacitors, standard reflow and rework of known problem areas such as headers, neck sockets, cold/dry solder joints, and areas damaged by excessive heat.
- Additional repair work is at the listed hourly rate, with a one-hour minimum. Any parts needed for repair beyond electrolytic caps will be an additional charge. E.g. HOTS, resistors, flybacks, transistors, adjustment POTs, fuses, etc. Dead monitors often need HOT, Voltage Regulator, Fuses, and Flybacks.
- Repair work starts with new cap, at the above rate, unless it is obvious that the caps are newer and of decent quality. Note, excessive re-work may be needed if the prior cap job was incomplete, or damaged traces and pad.
- For all monitors other than G07 19", existing working parts will not be replaced unless specifically requested, at an additional cost. For G07 19" monitors with OEM grey anode cup flyback, the flyback must be replaced at the time of a standard cap job. If the monitor already has a working non-OEM flyback, the fee will be reduced to reflect that.
- Wells K4600/K4700 have no aftermarket flyback available. If your flyback is dead, so is your monitor. Flybacks cost between \$30 - \$75, depending on the model, if available
- We DO NOT WASH chassis unless specifically requested. Washing may cause additional issues.

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## MONITOR REPAIR SERVICES

### SHIPPING

- Ship one chassis per box in a box no smaller than 12"x12"x9" and insured. I recommend \$250 in insurance using USPS Priority mail or UPS. Small boxes are the number 1 reason chassis arrive broken.
- I recommend using the USPS "large mailing box" and double boxing. These boxes are free from USPS if you order them online. Hint: UPS doesn't care if you ship something in USPS box. USPS Flat rate shipping is never a good deal and the boxes are too small.
- If you must use packing peanuts (please don't), first wrap the chassis completely in bubble wrap. If I have to spend time picking peanuts out of a chassis I will charge accordingly for my time.
- Return shipping will be exact cost for USPS or UPS, whichever is least expensive. If I cannot reuse your packaging (see all of the above reasons) a \$10 surcharge will be added to cover my time and cost of packing materials.
- SHIP TO:
  - Behr Repairs
  - 104 Hollyberry Circle
  - McDonald, PA 15057
- Please include your return address and a description of the problem you are having with each monitor sent.
- Include the monitor chassis, neckboard, and remote adjustment board, and any corresponding cables. I do not keep spares of these so I cannot repair your chassis without them. And often, the remote boards need work.

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### PAYMENT

- Payment in full is expected when the work has been completed.
- A deposit may be requested to cover excessive parts purchases.
- I accept the following forms of payment
  - PayPal:
    - <https://paypal.me/BehrRepairs>
    - @BehrRepairs
    - [Mike@Behr-Repairs.com](mailto:Mike@Behr-Repairs.com)
  - Venmo:
    - @Behr-Repairs
    - <https://account.venmo.com/u/Behr-Repairs>
  - Cash in person



**PayPal**

**Behr Repairs**  
@Behr-Repairs



**venmo**

Scan this code to pay

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## MONITOR REPAIR SERVICES

### CHASSIS REMOVAL

- TAKE PICTURES so that you can reverse the process when you receive the repaired chassis.
- Safely discharge your monitor's tube before attempting to remove the monitor's chassis.
- Remove the anode wire at the suction cup attached to the tube.
- Remove the degauss cable connector (typically a two-pin connector)
- Disconnect the ground from the tube to the neckboard.
  - This is the ground that comes directly from tube's conformal coating (usually black) or "DAG". It is typically attached to a spring at the tube and to a connector on the neckboard.
  - Sometimes, such on some K7000 variants, it attaches to the frame of the chassis instead of directly to the neckboard. Remove the screw retaining it, or if needed, cut the wire, leaving at least 8" of wire from the chassis. This can be reconnected with a quick-connect terminal or a standard wire-nut.
- Disconnect the tube's yoke connector.
- Remove the screws retaining the chassis to the monitor's frame.
- Include any remote adjustment boards and connecting cables.
- Pack carefully as described in the shipping section

### WELLS GARDNER K4600/K4700 additional instructions

- If the monitor is mounted to a removeable tray, remove the entire tray by removing the two screws on the left that retain it. If not on a removeable tray (mounted directly to the frame)
  - Turn the monitor upside down.
  - Remove two screws retaining the plastic bracket that is furthest away from the tube.
  - Remove any other screws retaining the chassis to the frame on the left side.
  - CAREFULLY desolder the leads from the width coil – DO NOT DISTURB OR TRY TO REMOVE THE WIDTH COIL OR IT WILL BECOME PERMANENTLY DAMAGED. Leave the width coil mounted to the frame of your monitor. I have one for testing purposes.
- Remove the top screw on the frame that retains the flyback. Include the flyback when mailing.
- There are 3 "daughter cards" that can be removed. This is not necessary but will reduce the size of the package. Wrap each component well.

### YOUTUBE LINKS:

- WG 4600 <https://youtu.be/z0zJmxczfZU?t=351>
- WG K7000 <https://www.youtube.com/watch?v=0jU5qG1jPAg>
- WG K4900 <https://www.youtube.com/watch?v=BNnbEPY7DVM>
- Electrohome G07 <https://www.youtube.com/watch?v=u9gzFtlbX9E>
- Sanyo 20EZ <https://www.youtube.com/watch?v=1cIMzB7kLeY>