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## Nintendo (Sanyo 20-EZV (R-B,C)) Deluxe Repair Kit

This repair kit is designed for the Nintendo (Sanyo 20-EZV (R-B,C)) color monitor.  
Be sure to check that the following parts are included in the kit:

Quantity	Part	Quantity	Part
4	1 uF @ 50V or 100V	1	330 uF @ 25V
2	4.7 uF @ 50 V NP	1	470 uF @ 16V or 25V
3	10 uF @ 50V or 63V	3	1 uF @ 160V or 250V
1	22 uF @ 50V	<del>1</del>	<del>470 uF @ 160V NOT INCLUDED</del>
1	47 uF @ 10V or 16V	2	10 uF @ 160V or 250V
2	100 uF @ 16V or 25V	2	100 uF @ 160V
2	220 uF @ 16V or 25V	2	1 Ohm Resistor
1	220 uF @ 25V	1	33 Ohm resistor
<b>28</b>	<b>Total parts</b>		

Be sure to install all the parts on the monitor even though many of the original parts seem to be working fine. Age, humidity, and temperature will cause the value of electrolytic capacitors to change. Installing all of the parts will assure many more years of trouble free service.

Each capacitor is polarized and can only be inserted in one direction. Watch the markings for polarity on each capacitor. The longer lead on each capacitor is the positive (+) lead and should be inserted into the hole marked positive (+) on the monitor board.

Make sure the game is unplugged and install the following parts:

- |  |   |
|--|---|
| <input type="checkbox"/> C161 220 uF @ 16V or 25V            | <input type="checkbox"/> C458 47 uF @ 10V or 16V              |
| <input type="checkbox"/> C162 4.7 uF @ 50V NP                | <input type="checkbox"/> C459 100 uF @ 16V or 25V             |
| <input type="checkbox"/> C166 1 uF @ 50V or 100V             | <input type="checkbox"/> C464 22 uF @ 50V                     |
| <input type="checkbox"/> C201 100 uF @ 16V or 25V (see note) | <input type="checkbox"/> C467 1 uF @ 160V or 250V             |
| <input type="checkbox"/> C202 220 uF @ 16V                   | <input type="checkbox"/> C468 330 uF @ 25V                    |
| <input type="checkbox"/> C301 10 uF @ 50V or 63V             | <input type="checkbox"/> C469 220 uF @ 25V                    |
| <input type="checkbox"/> C302 1 uF @ 50V or 100V             | <input type="checkbox"/> C471 10 uF @ 160V or 250V            |
| <input type="checkbox"/> C303 10 uF @ 50V or 63V             | <input type="checkbox"/> C472 100 uF @ 160V                   |
| <input type="checkbox"/> C406 10 uF @ 50V or 63V             | <input type="checkbox"/> C606 470 uF @ 160V (NOT INCLUDED)    |
| <input type="checkbox"/> C407 10 uF @ 160V or 250V           | <input type="checkbox"/> C609 470 uF @ 16V or 25V             |
| <input type="checkbox"/> C408 1 uF @ 160V or 250V            | <input type="checkbox"/> C610 1 uF @ 160V or 250V             |
| <input type="checkbox"/> C410 100 uF @ 160V                  | <input type="checkbox"/> R472 33 Ohm Resistor - Org, Org,Blk  |
| <input type="checkbox"/> C411 4.7 uF @ 16v NP                | <input type="checkbox"/> R473 1 Ohm Resistor - Brn, Blk, Gold |
| <input type="checkbox"/> C453 1 uF @ 50V or 100V             | <input type="checkbox"/> R478 1 Ohm Resistor - Brn, Blk, Gold |
| <input type="checkbox"/> C454 1 uF @ 50V or 100V             |   |

**NOTE:** C201 – The original value was 10 uF @ 50V. A bulletin was issued to replace this with a 100 uF @ 16V or 25V. The circuit does not need a 50 volt capacitor.

Be sure to check your work before turning on the power. If you have any questions, please feel free to call us for help.

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