Wells-Gardner 19K6100 X-Y Color Monitor

HV Cage

10µf350v	C910	
22µf50v	C909	
33µf160v	C905	
47µf50v	C914	
100µf50v	C901/C902	
2.2ohm2 watt	R901/R907	Red/Red/Gold
3.9ohm½watt	R903	Orn/Wht/Gold
25K potentiometer	R918	Replace only if needed/requires adj HV
Z150B 150v ZDiode	ZD902	
MPSA06 Transistor	Q901/Q902	
2N3904 Transistor	Q903	

Metal Frame

2N3716 Transistor	Q102/Q605/Q705
2N3792 Transistor	Q103/Q606/Q706

Neck Board

33µ250v	C503

Main Board

15ohm½watt	R100/R101	Brn/Grn/Blk
330ohm1/4watt	R102/R103	Orn/Orn/Brn
1N4148 Diode	D104/D105	
1N4750 27v ZDiode	ZD100/ZD101	
MPSA06 Transistor	Q100	
MPSA56 Transistor	Q101	

Resolder all connector header pins on the bottom side of the pcbs.
Make sure all frame mounted transistors are insulated & a heatsink compound is used. Be sure to tighten screws on these transistors for a good collector connection.

Capacitors usually have one lead longer than the other and this longer lead is generally the positive or + lead and most boards are marked with the + or - negative signs. They almost always have a striped side which is most often the negative (-), but can sometimes be marked in the stripe as +, so it is best to look closely at each one before inserting it. Pre-cut capacitors will be marked with the + or - sign in the striped area.

The actual voltage rating value may be higher than stated & only serves for a higher safety margin, & is a perfectly acceptable replacement. Do not use a lower than stated voltage rating.