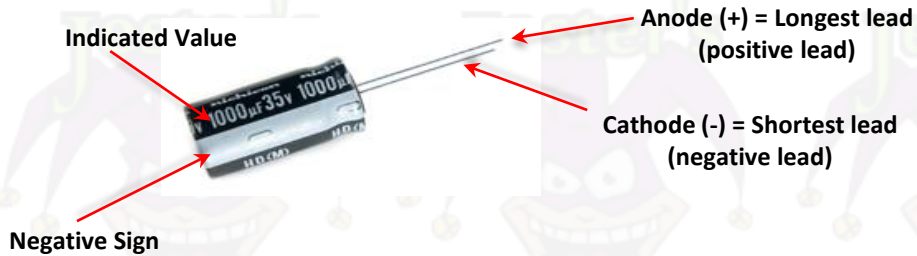




Wells Gardner K7100 Capacitor Kit



Radial Capacitor



Axial Capacitor

- Temperature, age, and humidity can and will change the original values of capacitors. Therefore, capacitor kits (or cap kits) are necessary.
- Always install capacitors using the correct polarity (positive to positive, negative to negative). Installing a capacitor in the wrong direction can result in damage to the electronic components, and in some cases cause fire or injury.
- Some capacitors are Bi-polar (BP) or Non-Polarized (NP). These capacitors have no positive or negative leads. It doesn't matter which direction these capacitors are installed.
- Always remove any old solder before installing new capacitors.
- For best results, use high-quality capacitors like Nichicon.

Capacitor count

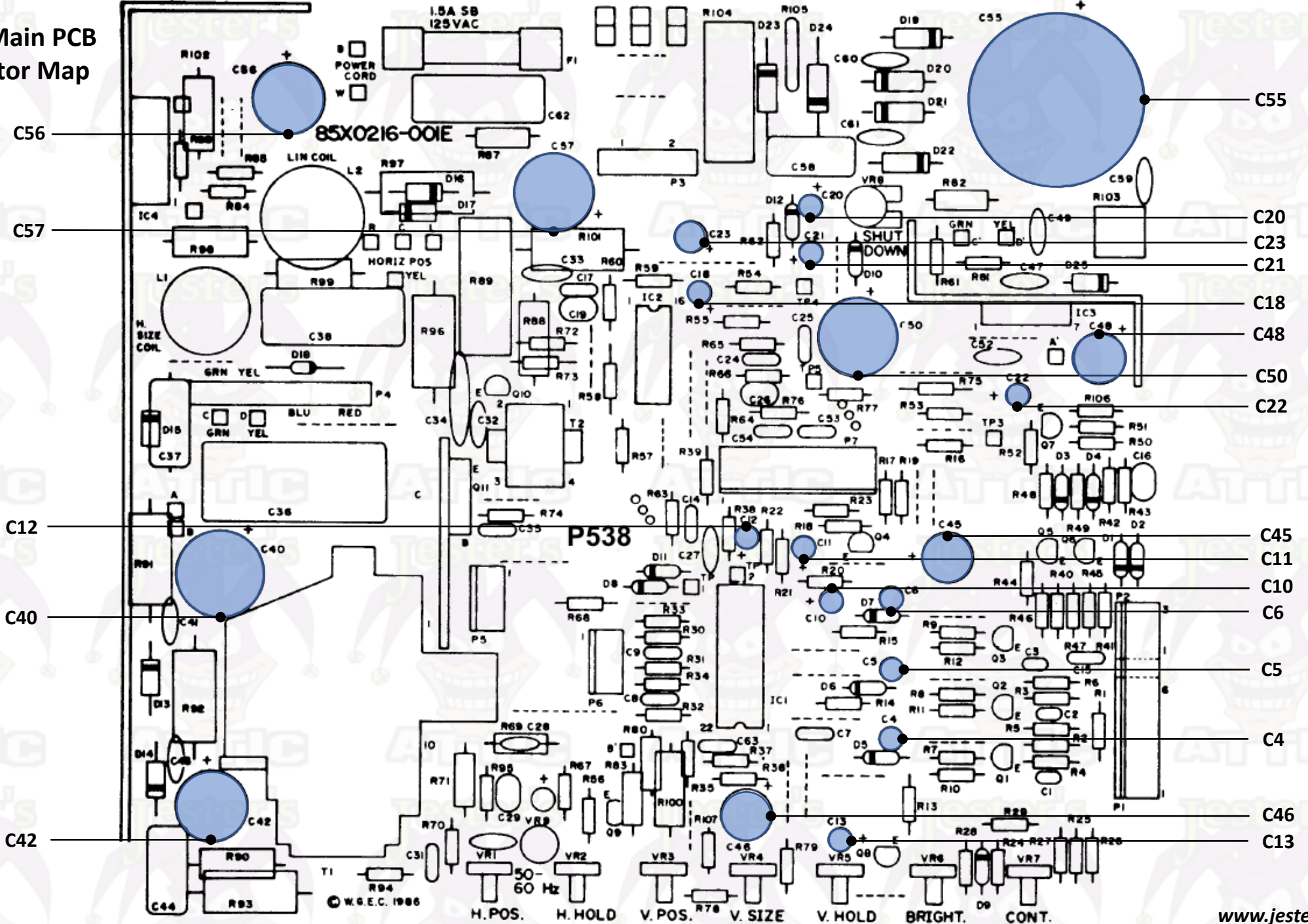
Quantity	Capacitance	Voltage	Type	Remarks
3	1 uF	50V	Electrolytic	
3	10 uF	25V	Electrolytic	Non-Polarized
2	10 uF	25V	Electrolytic	
2	22 uF	25V	Electrolytic	
2	470 uF	16V	Electrolytic	
1	100 uF	35V	Electrolytic	
1	1000 uF	16V	Electrolytic	
1	1000 uF	25V	Electrolytic	
1	22 uF	160V	Electrolytic	
1	2200 uF	35V	Electrolytic	
1	33 uF	16V	Electrolytic	
1	47 uF	25V	Electrolytic	
1	47 uF	160V	Electrolytic	
1	560 uF	200V	Electrolytic	
21	Total			

Capacitors by board

K7100 Main PCB				
#	Capacitance	Voltage	Type	Remarks
C4	10 uF	25V	Electrolytic	Non-Polarized
C5	10 uF	25V	Electrolytic	Non-Polarized
C6	10 uF	25V	Electrolytic	Non-Polarized
C10	33 uF	16V	Electrolytic	
C11	22 uF	25V	Electrolytic	
C12	1 uF	50V	Electrolytic	
C13	22 uF	25V	Electrolytic	
C18	1 uF	50V	Electrolytic	
C20	10 uF	25V	Electrolytic	
C21	10 uF	25V	Electrolytic	
C22	1 uF	50V	Electrolytic	
C23	47 uF	25V	Electrolytic	
C40	2200 uF	35V	Electrolytic	
C42	1000 uF	16V	Electrolytic	
C45	470 uF	16V	Electrolytic	
C46	470 uF	16V	Electrolytic	
C48	100 uF	35V	Electrolytic	
C50	1000 uF	25V	Electrolytic	
C55	560 uF	200V	Electrolytic	
C56	22 uF	160V	Electrolytic	
C57	47 uF	160V	Electrolytic	

Note: Certain capacitors will not be available for all the exact voltages listed above. It is perfectly acceptable to use a higher voltage capacitor with the same capacitance as a replacement. However, **NEVER** use a lower voltage capacitor as a replacement!

K7100 Main PCB Capacitor Map



C56

C57

C12

C40

C42

C55

C20

C23

C21

C18

C48

C50

C22

C45

C11

C10

C6

C5

C4

C46

C13

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