

Sheet1

Dynaco SCA80Q							
Voltage Test Point Results							
PC-18	Expected	Left Channel	Right Channel				
#1	0	variable <1mV	variable <1mV				
#2	0	0	3.4mV				
#3	<0.5	Variable <0.49	variable approx 0.525				
#4	74	70.4	70.3				
#5	36.5	35.05	34.23				
#6	37.5	35.83	35.15				
#7	36	34.63	33.91				
#8	36	34.57	33.84				
#9	0	1.8	1.7				
#10	71	66.5	66.5				
#11	0	2.0mV	1.6mV	Notes: C11 is the updatemydynaco.com upgrade board.			
#12	0	1.8mV	2.0mV	Both PC-17 board have been fully repopulated.			
#6 to #7	1.4-1.6	1.524	1.537	Both PC-18 boards have had all capacitors replaced w/ polypropylene capacitors obtained from eBay seller fantasiaoaudio.			
PC-19				All other PC-18 components are original.			
#1	71	66.3	NA	PC-19 is original, but had one or more ceramic resistors R16/R17 replaced decades ago by third party.			
#2	74	70.4	NA	Bipolar transistors are original Toshiba 2N3772 left channel			
#3	36	33.95	NA	and replacement pair SPC 571844/571845 right channel			
#4	36	34.7	NA				
#5	37.5	35.23	NA				
#6	37.5	35.92	NA				
#7	0	0	NA				
#8 to #9	54 AC	55.2 AC	NA				
PC-17 Trans							
Q7E	0.1	0.06	0.06				
Q7B	0.7	0.694	0.69				
Q7C	1.5	1.4	1.384				
Q8E	0.8	0.73	0.723				
Q8B	1.5	1.39	1.384				
Q8C	10	10.34	10.38				
Q9E	0.3	0.258	0.258				
Q9B	0.94	0.894	0.894				
Q9C	1.8	1.68	1.68				
Q10E	1.2	1	1.01				
Q10B	1.8	1.68	1.68				
Q10C	9.4	11.23	11.19				
C11 ▲	71	65.4	NA				
C11 ■	24	23.48	NA				
C11 ☐	17.5	17.61	NA				