



LIST OF ELECTRICAL PARTS

LEGEND	DESCRIPTION	QTY	PART NO.
C1	CAPACITOR .001 MFD 500V	2	199-102-102
C2	.. .0047 .. 500V	2	199-103-472
C3	.. .0088 .. 500V	1	199-103-682
C4	.. .25 .. 25V	4	199-2001-256
C5	.. .20 .. 150V	2	199-2016-206
C6	.. .20 20 .. 500V	2	199-2914
C7	.. 70-20-10 .. 350V	1	199-2933
C8	.. .0001 .. 500V	1	199-3001-101
C9	.. .00035 .. 500V	1	199-3001-351
C10	.. .5 .. 400V	3	199-4022-504
C11	.. .25 .. 400V	2	199-4025-254
C12	.. .047 .. 400V	7	199-4025-473
C13	.. .0005 .. 500V	1	199-3001-501
C14	.. .003 .. 160V	2	192-4080-302
C15	.. .00005 .. 500V	3	199-3001-500
V1	VACUUM TUBE 5U4GB	1	262-5U4GB
V2	.. 5881/6L6GC	2	262-99-00004
V3	.. 12AU7	2	262-12AU7
V4	.. ECC83 OR 12AX7	4	262-ECC83/12AX7
F1	FUSE 3 AMP TYPE 3AG	1	320-835-0300
N1	LAMP-PILOT MAZDA #47	1	436-1
RC1	RECTIFIER TYPE 4V1L	1	565-21
S1	RECEPTACLE-MICROPHONE	3	597-118-4
S2	.. PHONO	2	597-12692
S3	..	3	635-03-08653
R1	RESISTOR 1000 OHM 1/2 W	1	600-0080-102
R2	.. 10K ..	1	600-0080-103
R3	.. 100K ..	3	600-0080-104
R4	.. 1MEG ..	10	600-0080-105
R5	.. 1500 ..	3	600-0080-152
R6	.. 15K ..	1	600-0080-153
R7	.. 150K ..	1	600-0080-154
R8	.. 180K ..	3	600-0080-184
R9	.. 390K ..	6	600-0080-392
R10	.. 220K ..	3	600-0080-224
R11	.. 2700 ..	1	600-0080-272
R12	.. 27K ..	1	600-0080-273
R13	.. 22K ..	3	600-0080-223
R14	.. 33K ..	2	600-0080-333
R15	.. 4700 ..	1	600-0080-472
R16	.. 47K ..	7	600-0080-473
R17	.. 470K ..	6	600-0080-474
R18	.. 560 ..	1	600-0080-561
R19	.. 68K ..	6	600-0080-683
R20	.. 100K .. 1W	1	600-0116-104
R21	.. 2700 ..	1	600-0116-272
R22	.. 33K ..	1	600-0116-333
R23	.. 470 ..	1	600-0116-471
R24	.. 10K .. 2W	1	600-0153-103
R25	.. 1000 .. 10W	2	600-1012-102
R26	.. 10K .. 25W	1	600-1014-103
R27	.. 2000 ..	1	600-1014-202
R28	.. 2200 .. 1/2 W	1	600-0080-222
P1	POTENTIOMETER 500K	4	601-61
P2	.. 2.5 MEG	1	601-94
P3	.. 1 MEG	1	601-101
P4	.. 2.5 MEG	1	601-102
SW1	SWITCH S.P.S.T.	1	660-6615-01
B1	TERMINAL STRIP	1	703-219
T1	TRANSFORMER OUTPUT	1	710-2062
T2	.. POWER	1	710-4103

TUBE VOLTAGES

TUBE LEGEND	TUBE TYPE	1	2	3	4	5	6	7	8	9
V4A-A-C	ECC83	95	0.35	6.1V	6.1V	105	1.0	1.6V		
V4#	12AX7	VDC	VDC	VAC	VAC	VDC	VDC	VAC	VAC	
V4#	12AX7	VDC	1.3	8.1V	8.1V	110	1.1	8.1V		
V3#	12AU7	VDC	VDC	VAC	VAC	VDC	VDC	VAC	VAC	
V3#	12AU7	VDC	2.5	8.1V	8.1V	75	3.0	8.1V		
V3#	12AU7	VDC	3.3	8.1V	8.1V	110	9.0	8.1V		
V2#	58L6C	VDC	8	435	340	38	39	6.1V		
V2#	58B1	VDC	150	VDC	VDC	VDC	VDC	VAC		
V1	5U4-G	VAC	370	370	370	370	370	370		

NOTE: A 10 MEGOHM INPUT V.T.V.M. FOR VOLTAGE MEASUREMENTS TO GROUND.  
NOTE: ALL FILAMENT VOLTAGES MEASURED BETWEEN PINS MARKED \* AND \*

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MARKINGS ON TUBES

REAR VIEW POTENTIOMETER

DUKANE CORPORATION  
ST. CHARLES, ILLINOIS, U.S.A.

SCHEMATIC DIAGRAM  
MODEL 1U460 & 1U460A  
70/30 WATT AMPLIFIER

NO. 190-642

MASTER