


5				
4	8/3/98	REM	OK	RADIAL CONVERSIONS PER ECO980078.
③	10/16/97	SWR		CHANGED TABS J39 thru J44. PER ECO #970614.
△	08/27/97	SWR		CHANGED WIRE COLOR ON J40 & J41. PER ECO #970475.
①	06/24/97	SWR		CHANGED R70. DRAWING REDONE IN AUTOCAD. PER ECO #970356.
①	5/8/97	REM		UPDATED DRAWING PER CHECKOFF
REV	DATE	BY	CHK'D	DESCRIPTION
SIGNATURES:		DATE:		 11860 BORMAN DR. ST. LOUIS, MISSOURI 63146
DRAWN:	REM	3/5/97		
CHK'D:	DK	3/5/97		PROJECT NAME:
APP'D:	DK	3/5/97		B-15
ORIGINAL ISSUED:	3/5/97			DRAWING NAME:
PLOT DATE:	11/18/98			PICTORIAL DRAWING
PLOT TIME:	08:29:09	DRAWING NO.	07P267-01	REV 4_
FILE NAME:	26701P4_	SCALE:	1:1	SHEET: 1 OF 3

A

B

C

D

E

REF	DES	PART #	DESCRIPTION				
C1		12R226-50	22uF	50V	J17	17-581-01	LAMP HOLDER
C2		12-106-95	10uF	450V	J18	17-604-01	LINE-CORD
C3		10-104-10	.1uF	400V	J19	17-836-01	TAB
C4		10-471-52	470pF	500V	J20	17-836-01	TAB
C5		10R472-01	.0047uF	100V	J21	17-836-01	TAB
C6		10-104-10	.1uF	400V	J22	51-149-01	GNDLUG
C7		10R333-02	.033uF	100V	J23	17-836-01	TAB
C8		10-104-10	.1uF	400V	J24	17-836-01	TAB
C9		10-102-10	.001uF	400V	J25	17-836-01	TAB
C10		10-103-10	.01uF	400V	J26	17-836-01	TAB
C11		10-471-52	470pF	500V	J27	17-836-01	TAB
C12		10R472-01	.0047uF	100V	J28	17-836-01	TAB
C13		10-104-10	.1uF	400V	J29	17-836-01	TAB
C14		12-106-95	10uF	450V	J30	17-836-01	TAB
C15		10-104-10	.1uF	400V	J31	17-836-01	TAB
C16		12R106-35	10uF	35V	J32	17-836-01	TAB
C17		10-104-10	.1uF	400V	J33	17-836-01	TAB
C18		10-684-21	.68uF	250V	J34	17-836-01	TAB
C19	④	10F154-02	.15uF	100V	J35	17-836-01	TAB
C20		10R104-03	.1uF	100V	J36	17-836-01	TAB
C21		10R333-02	.033uF	100V	J37	17-836-01	TAB
C22		10R333-02	.033uF	100V	J38	17-836-01	TAB
C23		10R104-03	.1uF	100V	J39	17-836-01	TAB
C24		12R476-62	47uF	63V	J40	17-894-01	TAB
C25	④	12R476-62	47uF	63V	J41	17-894-01	TAB
C26	④	12R476-62	47uF	63V	J42	17-894-01	TAB
C27		10-104-10	.1uF	400V	J43	17-894-01	TAB
C28		10-104-10	.1uF	400V	J44	17-894-01	TAB
C29		10-104-10	.1uF	400V	J45	17-894-01	TAB
C30		10-104-10	.1uF	400V	J46	17-500-01	GNDLUG
C31		12-476-42	47uF	450V	J47	17-836-01	TAB
C32		12-228-26	2200uF	25V	J48	17-836-01	TAB
C33		12-228-26	2200uF	25V	J49	17-836-01	TAB
C34		12R226-50	22uF	50V	J50	17-105-11	HEADER
C35		12R226-50	22uF	50V	J51	17-105-11	HEADER
C36		12-227-91	220uF	350V	J52	17-105-08	HEADER
C37		12-227-91	220uF	350V	J53	17-105-08	HEADER
C38		12-227-91	220uF	350V	J54	17-105-02	HEADER
C39		12-227-91	220uF	350V	J55	17-105-02	HEADER
C40	④	12R476-62	47uF	63V	L1	94-602-32	800mH
C41		12R476-62	47uF	63V	P1	70-105-12	AUDIO
C42		10-332-01	.0033uF	UL	P2	70-105-12	AUDIO
C43		10-332-01	.0033uF	UL	P3	70-503-17	AUDIO
C44		10-104-10	.1uF	400V	P4	70-105-12	AUDIO
C45		10R473-03	.047uF	100V	P5	70-503-17	LINEAR
					P6	70-503-20	LINEAR
D1		21A402-01	1N4002	100V/1A	R1	77-223-02	22.1K 1/2W
D2		21A402-01	1N4002	100V/1A	R2	77-104-02	100K 1/2W
D3		21A402-01	1N4002	100V/1A	R3	77-335-01	3.3M 1/2W
D4		21A402-01	1N4002	100V/1A	R4	77-152-02	1.5K 1/2W
D5		21A407-01	1N4007	1000V/1A	R5	77-104-02	100K 1/2W
D6		21A407-01	1N4007	1000V/1A	R6	77-224-02	221K 1/2W
D7		21A407-01	1N4007	1000V/1A	R7	77-104-02	100K 1/2W
D16		21A407-01	1N4007	1000V/1A	R8	77-224-02	221K 1/2W
D17		21A407-01	1N4007	1000V/1A	R9	77-334-01	330K 1/2W
D18		21A407-01	1N4007	1000V/1A	R10	77-335-01	3.3M 1/2W
D19		21A407-01	1N4007	1000V/1A	R11	77-335-01	3.3M 1/2W
FH1		23-346-01	FUSE	HOLDER	R12	77-335-01	3.3M 1/2W
					R13	77-105-02	1M 1/2W
IC1		37-912-01	79M12		R14	77-152-02	1.5K 1/2W
IC2		37-712-01	78M12		R15	77-152-02	1.5K 1/2W
IC3		37-072-01	TL072		R16	77-104-02	100K 1/2W
					R17	77-104-02	100K 1/2W
J1		39-012-01	112APC	JACK	R18	77-224-02	221K 1/2W
J2		39-012-01	112APC	JACK	R19	77-223-02	22.1K 1/2W
J3		17-451-09	9-PIN	9-PIN	R20	77-104-02	100K 1/2W
J4		17-451-09	9-PIN	9-PIN	R21	78-103-02	10K 2W
J5		39-308-01	MALE	XLR	R22	77-104-02	100K 1/2W
J6		39-012-01	112APC	JACK	R23	77-105-02	1M 1/2W
J7		39-012-01	112APC	JACK	R24	77-152-02	1.5K 1/2W
J8		17-451-09	9-PIN	9-PIN	R25	77-222-02	2.21K 1/2W
J9		17-450-04	8-PIN	8-PIN	R26	77-104-02	100K 1/2W
J10		17-450-04	8-PIN	8-PIN	R27	77-104-02	100K 1/2W
J11		17-450-04	8-PIN	8-PIN	R28	77-103-02	10K 1/2W
J12		17-450-04	8-PIN	8-PIN	R29	77-471-01	475 1/2W
J13		39-012-01	112APC	JACK	R30	76-474-01	470K
J14		39-931-01	NEUTRIK	TAB	R31	76-474-01	470K
J15		17-836-01	TAB	TAB	R32	76-474-01	470K
J16		17-836-01	TAB	TAB	R33	76-474-01	470K
					R34	76-474-01	470K
					R35	76-474-01	470K
					R36	77-105-02	1M 1/2W
					R37	77-472-02	4.75K 1/2W
					R38	77-224-02	221K 1/2W

R39	77-105-02	1M	1/2W
R40	78-103-02	10K	2W
R41	76-224-01	220K	
R42	76-472-01	4.7K	
R43	76-103-01	10K	
R44	76-103-01	10K	
R45	76-331-01	330	
R46	76-331-01	330	
R47	77-223-02	22.1K	
R48	77-105-02	1M	1/2W
R49	77-105-02	1M	1/2W
R50	77-152-02	1.5K	1/2W
R51	77-101-02	100	1/2W
R52	77-823-02	82.5K	1/2W
R53	77-104-02	100K	1/2W
R54	77-154-02	150K	1/2W
R55	77-224-02	221K	1/2W
R56	77-224-02	221K	1/2W
R57	77-472-02	4.75K	1/2W
R58	77-472-02	4.75K	1/2W
R59	78-103-02	10K	2W
R60	77-472-02	4.75K	1/2W
R61	77-472-02	4.75K	1/2W
R62	77-473-02	47.5K	1/2W
R66	78-471-02	470	5W
R67	78-471-02	470	5W
R68	78-471-02	470	5W
R69	78-471-02	470	5W
R70	78-151-05	150	5W
R71	77-101-02	100	1/2W
R72	77-101-02	100	1/2W
R73	78-563-01	56K	2W
R74	78-563-01	56K	2W
R75	78-563-01	56K	2W
R76	78-563-01	56K	2W
R77	77-104-02	100K	1/2W
R78	77-224-02	221K	1/2W
R79	77-103-02	10K	1/2W
R83	77-474-02	475K	1/2W

S1	88-303-02	QUAD	SWITCH
S2	88-107-01	SWITCH	
S3	88-303-02	QUAD	SWITCH
S4	88-220-01	DPDT	SWITCH
S5	88-220-01	DPDT	SWITCH

JW1-41 76-000-XX JUMPERR WIRE
 JW1-41 SEE SYSTEM BDM FOR PROPER DASH #.

JW42, 43 76-000-XX JUMPERR WIRE
 JW42, 43 MUST BE -05

MISCELLANEOUS HARDWARE

PART #	DESCRIPTION	QUANTITY
30-638-53	6-32X3/8" SCREW	10
30-700-01	6-32 HEX KEPNUT	10
47-980-01	1" SOLDER MASK DISC	4
85-125-01	1/2" HEX STANDOFF	8
97-206-50	24 GA. 1 COND SHIELDED PREP	9'
35-080-21	.038" ID SHIELD TUBING	2
97-267-01	3" WIRE PREP	5
33-576-01	TO-220 HEATSINK	2

NOTES

- CAUTION: SHOCK HAZARD!!
THIS UNIT CONTAINS HAZARDOUS VOLTAGE. DISCONNECT POWER AND BE SURE POWER SUPPLY IS DISCHARGED BEFORE TOUCHING INTERNAL PARTS.
- UNLESS NOTED, RESISTOR VALUES IN OHMS, 1/4W-5%TOL. CAPACITOR VALUES IN MICROFARADS, 50V-10%TOL.
- VOLTAGES ARE MEASURED WITH 1 MEGOHM OSCILLOSCOPE AND 10 MEGOHM DIGITAL VOLTMETER.
- ALL RESISTORS WITH -02 = 1% TOLERANCE.

SEE SHEET 1 OF 3 FOR REVISION HISTORY

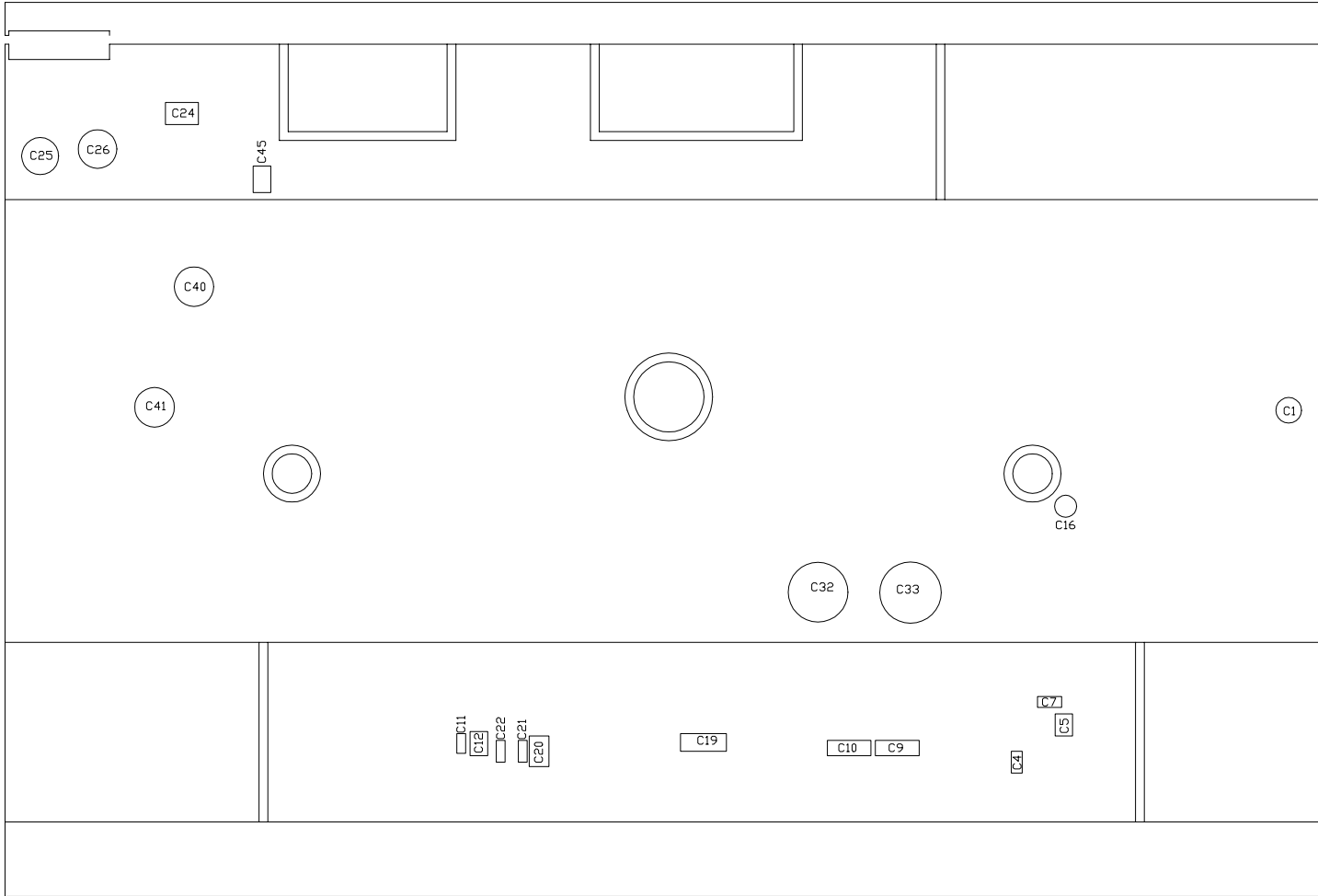
SIGNATURES:		DATE:	11880 BORMAN DR. ST. LOUIS, MISSOURI 63146	
DRAWN:	REM	3/5/97	PROJECT NAME:	
CHK'D:	DK	3/5/97	B-15	
APP'D:	DK	3/5/97	DRAWING NAME:	
ORIGINAL ISSUED:	3/5/97	PICTORIAL DRAWING		
PLOT DATE:	11/18/98	DRAWING NO.	07P267-01	REV 4_
PLOT TIME:	08:29:09	SCALE:	1:1	SHEET: 2 OF 3
FILE NAME:	26701P4_			

A

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C

D



GOOP PARTS SHOWN PER STANDARD GOOP PRACTICES

SEE SHEET 1 OF 3 FOR REVISION HISTORY

SIGNATURES:		DATE:	 1880 BORMAN DR. ST. LOUIS, MISSOURI 63146
DRAWN:	REM	3/5/97	
CHK'D:	DK	3/5/97	PROJECT NAME:
APP'D:	DK	3/5/97	B-15
ORIGINAL ISSUED:		3/5/97	DRAWING NAME:
PLOT DATE:		11/18/98	GOOPED PARTS DRAWING
PLOT TIME:		08:29:09	DRAWING NO. 07P267-01
FILE NAME:		26701P4_	REV 4_
		SCALE: 1:1	SHEET: 3 OF 3