

P/N 07-105-01
SUPERCEDES 07P295-01

P/N 07-105-02
SUPERCEDES 07P295-51

P/N 07-105-03
SUPERCEDES 07P295-02


TUBE INSTALLATION :

DESIGNATOR	PART #	DESCRIPTION
* V1	95-127-01	12AX7
* V2	95-127-01	12AX7
* V3	95-127-01	12AX7
* V4	95-127-01	12AX7

MISCELLANEOUS HARDWARE:

QUANTITY	PART #	DESCRIPTION
1	06A105-01	PCB
2	30-638-53	SCREW
2	30-700-01	NUT
* 2	45-224-01	BUTTON

* THIS PART ON CHASSIS BOM

2	11/3/00	R96 WAS 78-103-03 ON -01,-02, & -03	N00169	JRC		
1	10/4/00	BOM CHGS PER ECN N00085	N00085	WFB		
0	8-3-99	CONTROL ISSUE		RLB		
A	5/25/99	INITIAL ISSUE				
REV:	DATE:	DESCRIPTION	ECR/ECN NO:	CHNG'D BY:	APPR'D BY:	DATE:
THIS INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.						
SIGNATURES:		DATE:		 11880 Borman Dr. St. Louis, Missouri 63146		
DRAWN: REM		2/19/99		FIRST USED ON:		
CHK'D:				BV120HBb		
RLS'D:				DRAWING TITLE:		
				PWA - GUITAR AMP		
TOLERANCES:		DRAWING SIZE: C		DRAWING NO.:		
		DRAWING TYPE: ASSEMBLY		07-105-XX		
		CLASS CODE:				
		SCALE: NONE SHEET: 1 OF 5				

DESIGNATOR	PART #	DESCRIPTION	DESIGNATOR	PART #	DESCRIPTION	DESIGNATOR	PART #	DESCRIPTION	DESIGNATOR	PART #	DESCRIPTION
AP1	71-253-25	25K TRIM	*F1	23-305-05	5A SB FUSE	Q4	96R510-01	2N5210			
			F2	23-304-01	1/4A FUSE	Q5	96R510-01	2N5210			
C1	12R684-50	.68 50V	F3	23-304-01	1/4A FUSE	Q6	96R510-01	2N5210			
C2	10R221-04	220pf 400V	F4	23-304-01	1/4A FUSE	Q7	96R510-01	2N5210			
C3	10-473-10	.047 400V	F5	23-304-01	1/4A FUSE	Q8	96R175-01	J175			
C4	10-473-10	.047 400V	F6	23-310-02	10A FUSE SB	Q9	96R175-01	J175			
C5	10A222-11	.0022 100V	FC1-10	23-926-02	CLIP	Q10	96R175-01	J175			
C6	12R226-50	22 50V				Q11	96R175-01	J175			
C7	10-223-10	.022 400V	FH1	23-346-01	FUSE HOLDER						
C8	10R471-52	470pf 500V	IC1	37-532-01	NE5532	R1	76-105-01	1M			
C9	10-102-10	.001 400V	IC2	37-532-01	NE5532	R2	76-473-01	47K			
C10	10-223-10	.022 400V	ICL1	73-501-07	IN RUSH CURRENT LIM	R3	76-152-01	1.5K			
C11	12R684-50	.68 50V				R4	77-104-02	100K	1/2W		
C12	10-223-10	.022 400V	J1	39-114-05	T/R/S JACK	R5	77-104-02	100K	1/2W		
C13	10-223-10	.022 400V	J2	17-604-01	AC CONN	R6	77-100-01	10	1/2W		
C14	10R221-04	220pf 400V	J3	39-117-01	T/R/S JACK	R7	76-472-01	4.7K			
C15	10-473-10	.047 400V	J4	39-116-01	T/S JACK	R8	76-473-01	47K			
C16	10-223-10	.022 400V	J5	39-116-01	T/S JACK	R9	76-152-01	1.5K	1/2W		
C17	10R472-01	.0047 100V	J6	39-117-01	T/R/S JACK	R10	77-104-02	100K	1/2W		
C18	12A105-51	1uF 50V	J7	39-116-01	T/S JACK	R11	76-102-01	1K			
C19	10A682-01	.0068 50V	J8	39-116-01	T/S JACK	R12	76-104-01	100K			
C20	10A222-11	.0022 100V	J9	17-451-09	TUBE SOCKET	R13	76-152-01	1.5K			
C21	12R225-51	2.2 NP 50V	J10	17-451-09	TUBE SOCKET	R14	77-104-02	100K	1/2W		
C22	10A221-11	220pf 100V	J11	17-451-09	TUBE SOCKET	R15	76-474-01	470K			
C23	10A473-11	.047 100V	J12	17-451-09	TUBE SOCKET	R16	76-224-01	220K			
C24	10A473-11	.047 100V	J13	17-104-13	.100 SOCKET	R17	76-272-01	2.7K			
C25	10A473-11	.047 100V	J14	17-104-13	.100 SOCKET	R18	77-224-02	221K	1/2W		
C26	10A473-11	.047 100V	J15	51-149-01	GNDLUG	R19	76-474-01	470K			
C27	12A105-51	1uF 50V	J16	17-836-01	TAB	R20	76-104-01	100K			
C28	12R226-81	22 NP 50V	J17	17-894-01	TAB	R21	76-272-01	2.7K			
C29	10-104-03	.1 100V	J18	17-894-01	TAB	R22	77-224-02	221K	1/2W		
C30	10A101-21	100pf 200V	J19	17-894-01	TAB	R23	76-152-01	1.5K			
C31	10A473-11	.047 100V	J20	17-836-01	TAB	R24	77-683-02	68.1K	1/2W		
C32	12R105-51	1 NP 50V	J21	17-836-01	TAB	R25	76-223-01	22K			
C33	10-223-10	0.022 400V	J22	17-836-01	TAB	R26	76-470-01	47			
C34	10A473-11	.047 100V	J23	17-836-01	TAB	R27	78-224-01	220K	1W		
C35	10-473-10	.047 400V	J24	17-836-01	TAB	R28	76-103-01	10K			
C36	10-473-10	.047 400V	J25	17-836-01	TAB	R29	76-105-01	1M			
C37	10-473-10	.047 400V	J26	17-836-01	TAB	R30	76-154-01	150K			
C38	10A473-11	.047 100V	J27	17-836-01	TAB	R31	76-105-01	1M			
C39	10A104-01	.1 50V	J28	17-836-01	TAB	R32	76-154-01	150K			
C40	10A104-01	.1 50V	J29	17-836-01	TAB	R33	76-472-01	4.7K			
C41	10-332-01	.0033 UL	J30	17-836-01	TAB	R34	76-682-01	6.8K			
C42	10-332-01	.0033 UL	J31	17-836-01	TAB	R35	77-681-02	681	1/2W		
C43	12-227-91	220 350V	J32	17-836-01	TAB	R36	76-105-01	1M			
C44	12-227-91	220 350V	J33	17-836-01	TAB	R37	77-823-02	82.5K	1/2W		
C45	12-107-94	100 350V	J34	17-836-01	TAB	R38	77-104-02	100K	1/2W		
C46	12-476-42	47 450V	J35	17-836-01	TAB	R39	76-224-01	220K			
C47	12-476-42	47 450V	J36	17-836-01	TAB	R40	76-224-01	220K			
C48	12-106-95	10 450V	J37	17-836-01	TAB	R41	76-333-01	33K			
C49	12-228-32	2200 35V	J38	17-836-01	TAB	R42	76-152-01	1.5K			
C50	12-228-32	2200 35V	J39	17-836-01	TAB	R43	76-334-01	330K			
C51	12-476-12	47 16V	J40	17-836-01	TAB	R44	76-224-01	220K			
C52	12-476-12	47 16V	J41	17-836-01	TAB	R45	76-470-01	47			
C53	10A473-11	.047 100V	J42	17-836-01	TAB	R46	76-472-01	4.7K			
C54	10A473-11	.047 100V	J43	17-836-01	TAB	R47	76-223-01	22K			
C55	12-476-12	47 16V	J44	17-836-01	TAB	R48	76-471-01	470			
C56	12-476-12	47 16V	J45	17-836-01	TAB	R49	76-333-01	33K			
C57	12R106-10	10 100V	J46	17-836-01	TAB	R50	76-224-01	220K			
C58	12R106-10	10 100V	J47	17-836-01	TAB	R51	76-224-01	220K			
C59	12-107-94	100 350V	J48	17-836-01	TAB	R52	76-474-01	470K			
C60	10A473-11	.047 100V	J49	17-836-01	TAB	R53	76-224-01	220K			
C61	NOT USED		J50	17-836-01	TAB	R54	76-224-01	220K			
C62	12A105-51	1 50V	J51	17-836-01	TAB	R55	76-474-01	470K			
C63	12-478-11	4700 10V	J52	17-836-01	TAB	R56	76-334-01	330K			
C64	10A473-11	.047 100V	J53	17-836-01	TAB	R57	76-224-01	220K			
D1	21-507-01	AMBER LED	J54	NOT USED		R58	76-102-01	1K			
D2	21-501-01	RED LED	J55	NOT USED		R59	76-104-01	100K			
D3	21-503-01	YELLOW LED	J56	NOT USED		R60	76-331-01	330			
D4	21A146-01	1N746 3.3V	DC1	66-102-01	VTL5C6 OPTO	R61	76-103-01	10K			
D5	21A146-01	1N746 3.3V	DC2	66-102-01	VTL5C6 OPTO	R62	76-332-01	3.3K			
D6	21A407-01	1N4007	DC3	66-102-01	VTL5C6 OPTO	R63	76-224-01	220K			
D7	21A407-01	1N4007	DC4	66-102-01	VTL5C6 OPTO	R64	76-104-01	100K			
D8	21A407-01	1N4007	DC5	66-102-01	VTL5C6 OPTO	R65	76-332-01	3.3K			
D9	21A407-01	1N4007				R66	76-333-01	33K			
D10	21A754-01	1N754				R67	76-272-01	2.7K			
D11	21A407-01	1N4007				R68	76-104-01	100K			
D12	21A407-01	1N4007				R69	76-105-01	1M			
D13	21A407-01	1N4007				R70	76-105-01	1M			
D14	21A407-01	1N4007				R71	76-471-01	470			
D15	21A440-01	1N4740				R72	76-471-01	470			
D16	21A440-01	1N4740	6.8V/.5W			R73	76-223-01	22k			
D17	21A407-01	1N4007				R74	76-223-01	22k			
D18	21A914-01	1N914	10V/1W			R75	76-471-01	470			
D19	21A407-01	1N4007	10V/1W			R76	76-104-01	100K			
D20	21A407-01	1N4007				R77	76-472-01	4.7K			
D21	21A407-01	1N4007				R78	76-102-01	1K			
D22	21A407-01	1N4007				R79	76-473-01	47K			
D23	21A407-01	1N4007				R80	76-223-01	22K			
D24	21A407-01	1N4007				R81	76-104-01	100K			
D25	21A407-01	1N4007				R82	76-152-01	1.5K			
D26	21A407-01	1N4007				R83	76-104-01	100K			
						R84	76-104-01	100K			
						R85	76-223-01	22K			
						R86	76-104-01	100K			

DESIGNATOR	PART #	DESCRIPTION
R87	76-152-01	1.5K
R88	76-223-01	22K
R89	76-152-01	1.5K
R90	78-224-01	220K 1W
R91	78-224-01	220K 1W
R92	78-151-05	150 5W
R93	78-224-01	220K 1W
R94	78-852-05	8.5K 5W
R95	78-852-05	8.5K 5W
R96	78-103-02	10K 2W
R97	78-047-05	47 5W
R98	78-101-01	100 2W
R99	76-470-01	47
R100	76-470-01	47
R101	76-473-01	47K
R102	76-474-01	470K
R103	78-472-01	4.7K 2W
R104	76-472-01	4.7K
R105	76-153-01	15K
R106	76-471-01	470
R107	76-471-01	470
R108	76-471-01	470
R109	NOT USED	
R110	76-474-01	470K
R111	76-331-01	330
R112	77-104-02	100K 1/2W
R113	76-331-01	330
R114	NOT USED	
R115	76-152-01	1.5K
S1	88-302-	

DESIGNATOR	PART #	DESCRIPTION	
AP1	71-253-25	25K	TRIM
C1	12R684-50	.68	50V
C2	10R221-04	220pF	400V
C3	10-473-10	.047	400V
C4	10-473-10	.047	400V
C5	10A222-11	.0022	100V
C6	12R226-50	22	50V
C7	10-223-10	.022	400V
C8	10R471-52	470pF	500V
C9	10-102-10	.001	400V
C10	10-223-10	.022	400V
C11	12R684-50	.68	50V
C12	10-223-10	.022	400V
C13	10-223-10	.022	400V
C14	10R221-04	220pF	400V
C15	10-473-10	.047	400V
C16	10-223-10	.022	400V
C17	10R472-01	.0047	100V
C18	12A105-51	1uF	50V
C19	10A682-01	.0068	50V
C20	10A222-11	.0022	100V
C21	12R225-51	2.2 NP	50V
C22	10A221-11	220pF	100V
C23	10A473-11	.047	100V
C24	10A473-11	.047	100V
C25	10A473-11	.047	100V
C26	10A473-11	.047	100V
C27	12A105-51	1uF	50V
C28	12R226-81	22 NP	50V
C29	10-104-03	.1	100V
C30	10A101-21	100pF	200V
C31	10A473-11	.047	100V
C32	12R105-51	1 NP	50V
C33	10-223-10	0.022	400V
C34	10A473-11	.047	100V
C35	10-473-10	.047	400V
C36	10-473-10	.047	400V
C37	10-473-10	.047	400V
C38	10A473-11	.047	100V
C39	10A104-01	.1	50V
C40	10A104-01	.1	50V
C41	10-332-01	.0033	UL
C42	10-332-01	.0033	UL
C43	12-107-94	100	350V
C44	12-107-94	100	350V
C45	12-107-94	100	350V
C46	12-476-42	47	450V
C47	12-476-42	47	450V
C48	12-106-95	10	450V
C49	12-228-32	2200	35V
C50	12-228-32	2200	35V
C51	12-476-12	47	16V
C52	12-476-12	47	16V
C53	10A473-11	.047	100V
C54	10A473-11	.047	100V
C55	12-476-12	47	16V
C56	12-476-12	47	16V
C57	12R106-10	10	100V
C58	12R106-10	10	100V
C59	12-107-94	100	350V
C60	10A473-11	.047	100V
C61	NOT USED		
C62	12A105-51	1	50V
C63	12-478-11	4700	10V
C64	10A473-11	.047	100V
D1	21-507-01	AMBER	LED
D2	21-501-01	RED	LED
D3	21-503-01	YELLOW	LED
D4	21A146-01	1N746	3.3V
D5	21A146-01	1N746	3.3V
D6	21A407-01	1N4007	
D7	21A407-01	1N4007	
D8	21A407-01	1N4007	
D9	21A407-01	1N4007	
D10	21A754-01	1N754	6.8V/.5W
D11	21A407-01	1N4007	
D12	21A407-01	1N4007	
D13	21A407-01	1N4007	
D14	21A407-01	1N4007	
D15	21A440-01	1N4740	10V/1W
D16	21A440-01	1N4740	10V/1W
D17	21A407-01	1N4007	
D18	21A914-01	1N914	
D19	21A407-01	1N4007	
D20	21A407-01	1N4007	
D21	21A407-01	1N4007	
D22	21A407-01	1N4007	
D23	21A407-01	1N4007	
D24	21A407-01	1N4007	
D25	21A407-01	1N4007	
D26	21A407-01	1N4007	

DESIGNATOR	PART #	DESCRIPTION	
* F1	23-309-05	2.5A SB FUSE	
F2	NOT USED		
F3	23-304-01	1/4A FUSE	
F4	23-304-01	1/4A FUSE	
F5	NOT USED		
F6	23-307-01	6.25A FUSE SB	
FC3-6	23-926-02	CLIP	
FC1, 2, 7, 8	NOT USED		
FC9, 10	23-926-02	CLIP	
FH1	23-346-01	FUSE HOLDER	
IC1	37-532-01	NE5532	
IC2	37-532-01	NE5532	
ICL1	73-501-07	IN RUSH CURRENT LIM	
J1	39-114-05	T/R/S JACK	
J2	17-604-01	AC CONN	
J3	39-117-01	T/R/S JACK	
J4	39-116-01	T/S JACK	
J5	39-116-01	T/S JACK	
J6	39-117-01	T/R/S JACK	
J7	39-116-01	T/S JACK	
J8	39-116-01	T/S JACK	
J9	17-451-09	TUBE SOCKET	
J10	17-451-09	TUBE SOCKET	
J11	17-451-09	TUBE SOCKET	
J12	17-451-09	TUBE SOCKET	
J13	17-104-13	.100 SOCKET	
J14	17-104-13	.100 SOCKET	
J15	51-149-01	GNDDLUG	
J16	17-836-01	TAB	
J17	17-894-01	TAB	
J18	17-894-01	TAB	
J19	17-894-01	TAB	
J20	17-836-01	TAB	
J21	17-836-01	TAB	
J22	17-836-01	TAB	
J23	17-836-01	TAB	
J24	17-836-01	TAB	
J25	17-836-01	TAB	
J26	17-836-01	TAB	
J27	NOT USED		
J28	17-836-01	TAB	
J29	NOT USED		
J30	17-836-01	TAB	
J31	17-836-01	TAB	
J32	17-836-01	TAB	
J33	17-836-01	TAB	
J34	17-836-01	TAB	
J35	17-836-01	TAB	
J36	17-836-01	TAB	
J37	17-836-01	TAB	
J38	17-836-01	TAB	
J39	17-836-01	TAB	
J40	17-836-01	TAB	
J41	17-836-01	TAB	
J42	17-836-01	TAB	
J43	17-836-01	TAB	
J44	17-836-01	TAB	
J45	17-836-01	TAB	
J46	17-836-01	TAB	
J47	17-836-01	TAB	
J48	17-836-01	TAB	
J49	17-836-01	TAB	
J50	17-836-01	TAB	
J51	17-836-01	TAB	
J52	17-836-01	TAB	
J53	17-836-01	TAB	
J54	NOT USED		
J55	NOT USED		
J56	NOT USED		
OC1	66-102-01	VTL5C6 OPTO	
OC2	66-102-01	VTL5C6 OPTO	
OC3	66-102-01	VTL5C6 OPTO	
OC4	66-102-01	VTL5C6 OPTO	
OC5	66-102-01	VTL5C6 OPTO	
P1	70-105-21	1ML	
P2	70-306-01	250KL	
P3	70-503-22	50KA	
P4	70-254-22	250KA	
P5	70-105-22	1MA	
P6	70-306-01	250KL	
P7	70-503-22	50KA	
P8	70-254-22	250KA	
P9	70-105-22	1MA	
P10	70-133-01	50KL	
P11	70-133-01	50KL	
P12	70-203-23	20KRA	
Q1	96R510-01	2N5210	
Q2	96R510-01	2N5210	
Q3	96R510-01	2N5210	

DESIGNATOR	PART #	DESCRIPTION	
Q4	96R510-01	2N5210	
Q5	96R510-01	2N5210	
Q6	96R510-01	2N5210	
Q7	96R510-01	2N5210	
Q8	96R175-01	J175	
Q9	96R175-01	J175	
Q10	96R175-01	J175	
Q11	96R175-01	J175	
R1	76-105-01	1M	
R2	76-473-01	47K	
R3	76-152-01	1.5K	
R4	77-104-02	100K	1/2W
R5	77-104-02	100K	1/2W
R6	77-100-01	10	1/2W
R7	76-472-01	4.7K	
R8	76-473-01	47K	
R9	76-152-01	1.5K	
R10	77-104-02	100K	1/2W
R11	76-102-01	1K	
R12	76-104-01	100K	
R13	76-152-01	1.5K	
R14	77-104-02	100K	1/2W
R15	76-474-01	470K	
R16	76-224-01	220K	
R17	76-272-01	2.7K	
R18	77-224-02	221K	1/2W
R19	76-474-01	470K	
R20	76-104-01	100K	
R21	76-272-01	2.7K	
R22	77-224-02	221K	1/2W
R23	76-152-01	1.5K	
R24	77-683-02	68.1K	1/2W
R25	76-223-01	22K	
R26	76-470-01	47	
R27	78-224-01	220K	1W
R28	76-103-01	10K	
R29	76-105-01	1M	
R30	76-154-01	150K	
R31	76-105-01	1M	
R32	76-104-01	100K	
R33	76-472-01	4.7K	
R34	76-682-01	6.8K	
R35	77-681-02	681	1/2W
R36	76-105-01	1M	
R37	77-823-02	82.5K	1/2W
R38	77-104-02	100K	1/2W
R39	76-224-01	220K	
R40	76-224-01	220K	
R41	76-223-01	22K	
R42	76-152-01	1.5K	
R43	76-334-01	330K	
R44	76-224-01	220K	
R45	76-470-01	47	
R46	76-472-01	4.7K	
R47	76-223-01	22K	
R48	76-471-01	470	
R49	76-333-01	33K	
R50	76-224-01	220K	
R51	76-224-01	220K	
R52	76-474-01	470K	
R53	76-224-01	220K	
R54	76-224-01	220K	
R55	76-474-01	470K	
R56	76-334-01	330K	
R57	76-224-01	220K	
R58	76-102-01	1K	
R59	76-104-01	100K	
R60	76-331-01	330	
R61	76-103-01	10K	
R62	76-332-01	3.3K	
R63	76-224-01	220K	
R64	76-104-01	100K	
R65	76-332-01	3.3K	
R66	76-333-01	33K	
R67	76-272-01	2.7K	
R68	76-104-01	100K	
R69	76-105-01	1M	
R70	76-105-01	1M	
R71	76-471-01	470	
R72	76-471-01	470	
R73	76-223-01	22K	
R74	76-223-01	22K	
R75	76-471-01	470	
R76	76-104-01	100K	
R77	76-472-01	4.7K	
R78	76-102-01	1K	
R79	76-473-01	47K	
R80	76-223-01	22K	

Table with columns: DESIGNATOR, PART #, DESCRIPTION, TRIM. Rows include components like AP1, C1-C26, D1-D26 and their specifications.

Table with columns: DESIGNATOR, PART #, DESCRIPTION. Rows include components like F1-F6, FC1-10, FH1, IC1-2, ICL1, J1-J56, DC1-5, P1-P12, Q1-Q3.

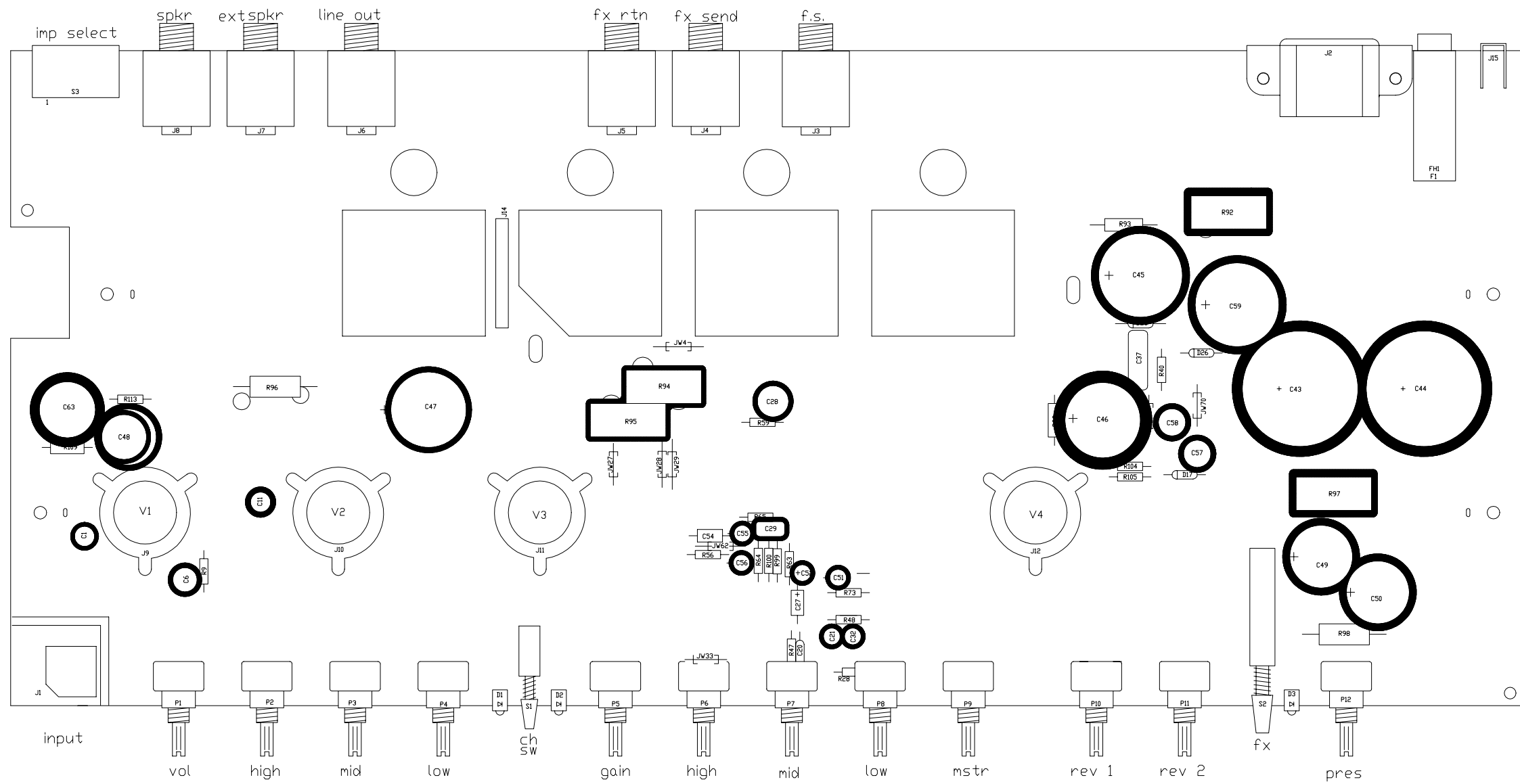
Table with columns: DESIGNATOR, PART #, DESCRIPTION. Rows include components like Q4-Q11, R1-R86.

Table with columns: DESIGNATOR, PART #, DESCRIPTION. Rows include components like R87-R115, S1-S3, TR1, JW1-8, JW10-72, JW73-76, JW77-79, W1-W3.

* THIS PART ON CHASSIS BOM

P/N 07-105-03
SUPERCEDES 07P295-02

Revision table and signature block containing fields for REV, DATE, DESCRIPTION, ECR/ECN NO., CHNG'D BY, APPR'D BY, DATE, SIGNATURES, DATE, DRAWN, CHK'D, RLS'D, TOLERANCES, DRAWING SIZE, DRAWING TYPE, CLASS CODE, SCALE, SHEET, and DRAWING TITLE (PWA - GUITAR AMP).



GOOP PER STANDARD PRACTICE

- P/N 07-105-01
SUPERCEDES 07P295-01
- P/N 07-105-02
SUPERCEDES 07P295-51
- P/N 07-105-03
SUPERCEDES 07P295-02

0	SEE SHT 1 FOR REV HISTORY					
REV:	DATE:	DESCRIPTION	ECR/ECN NO:	CHNG'D BY:	APPR'D BY:	DATE:
THIS INFORMATION CONTAINED ON THIS DRAWING IS PROPRIETARY TO ST. LOUIS MUSIC, INC.						
SIGNATURES:		DATE:		11880 Borman Dr. St. Louis, Missouri 63146		
DRAWN: REM		2/19/99		FIRST USED ON:		
CHK'D:				BV120HBb		
RLS'D				DRAWING TITLE:		
TOLERANCES:		DRAWING SIZE: C		PWA - GUITAR AMP		
		DRAWING TYPE: ASSEMBLY		DRAWING NO.:		
		CLASS CODE:		07-105-XX		
		SCALE: NONE SHEET: 5 OF 5				