

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	PR2465	18-JUN-13	dBL

1807-A  
1807-B  
1807-C  
1807-D  
1807-E  
1807-F  
1807-G  
1807-H  
1807-I  
1807-J  
1807-K  
1807-L  
1807-M  
1807-N  
1807-O  
1807-P  
1807-Q  
1807-R  
1807-S  
1807-T  
1807-U  
1807-V  
1807-W  
1807-X  
1807-Y  
1807-Z

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5  
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ADD Ferrite VDSION PIN: VDRH 3.5 x 5 x 1.3E

ADD Ferrite VDSION PIN: VDRH 3.5 x 5 x 1.3E

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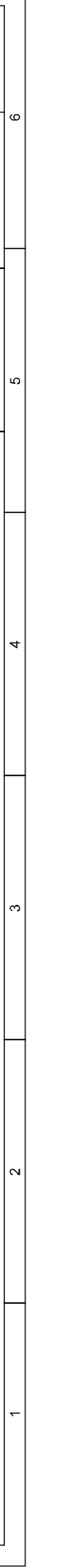
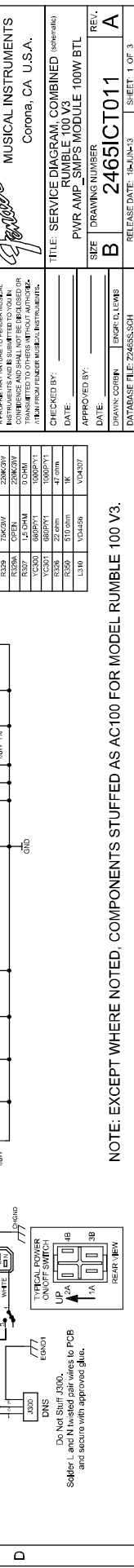
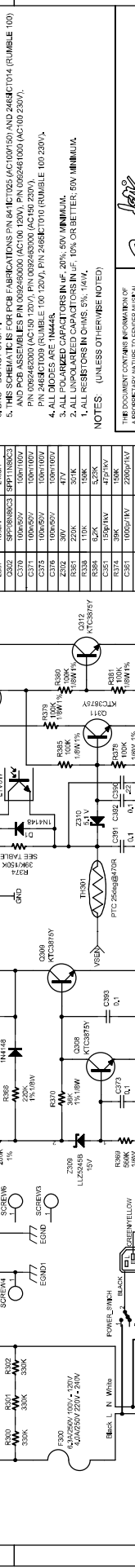
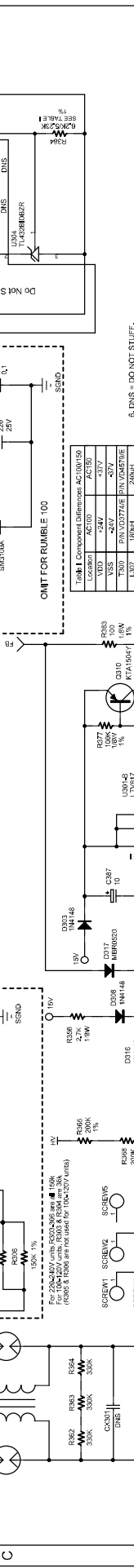
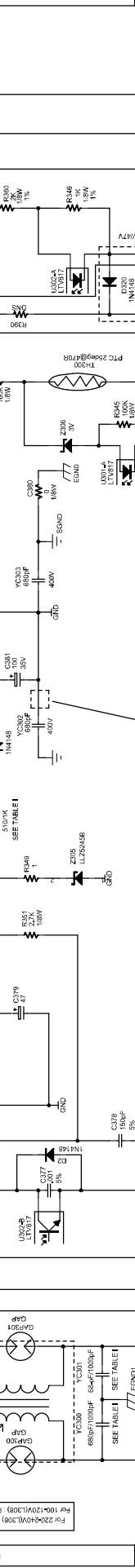
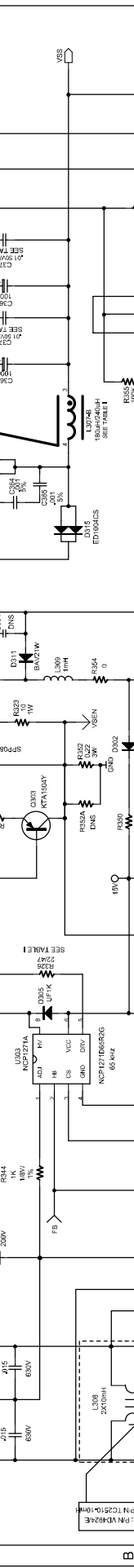
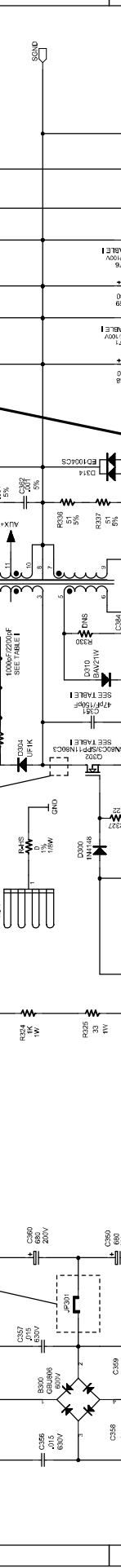
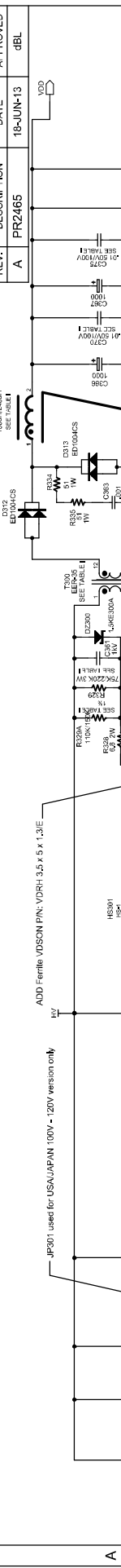
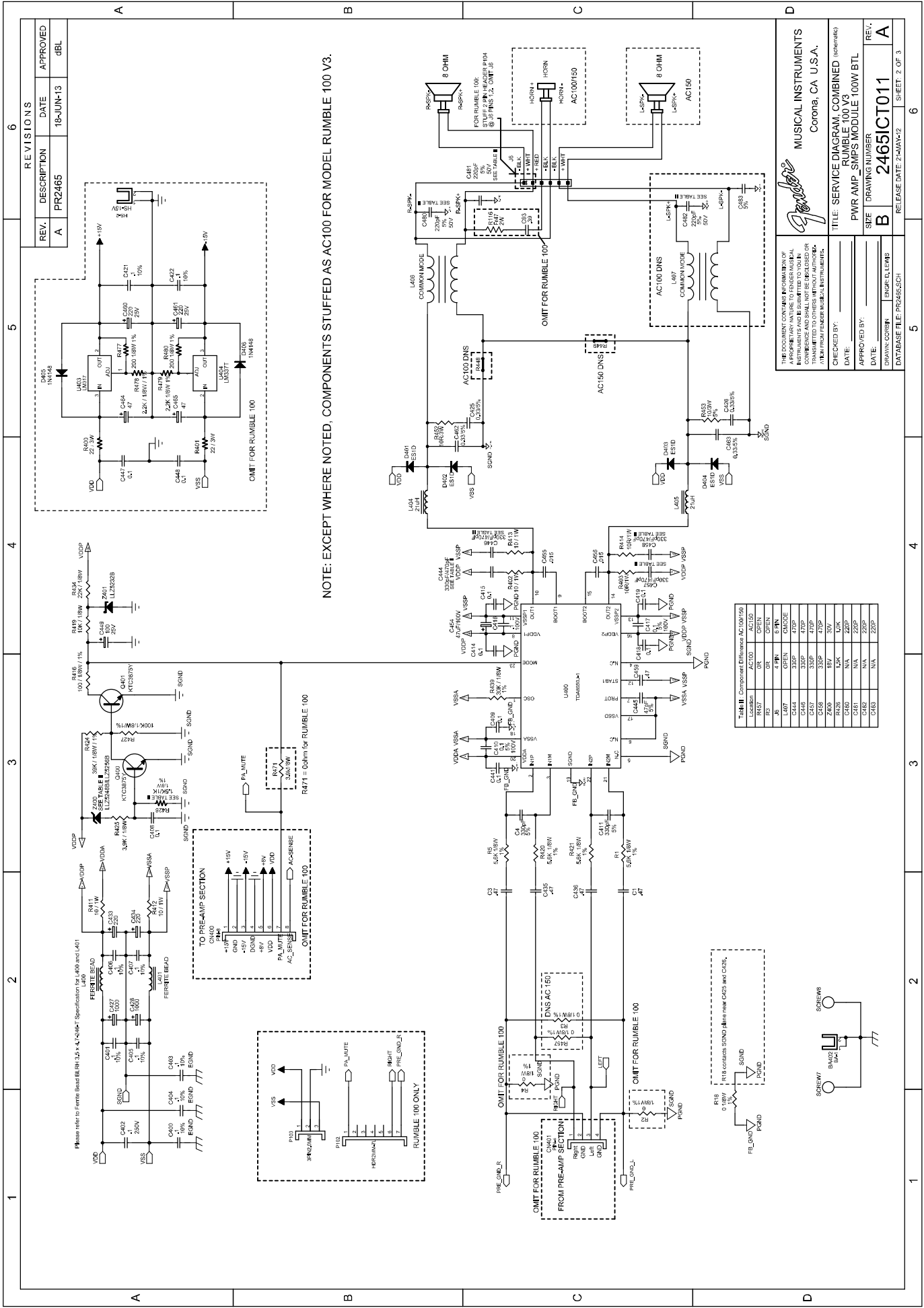


Table 1 Component Dimensions: AC 120V/150V

Part	Value	Part	Value
VDS	100V	R307	100K
VDS	100V	R308	100K
VDS	100V	R309	100K
VDS	100V	R310	100K
VDS	100V	R311	100K
VDS	100V	R312	100K
VDS	100V	R313	100K
VDS	100V	R314	100K
VDS	100V	R315	100K
VDS	100V	R316	100K
VDS	100V	R317	100K
VDS	100V	R318	100K
VDS	100V	R319	100K
VDS	100V	R320	100K
VDS	100V	R321	100K
VDS	100V	R322	100K
VDS	100V	R323	100K
VDS	100V	R324	100K
VDS	100V	R325	100K
VDS	100V	R326	100K
VDS	100V	R327	100K
VDS	100V	R328	100K
VDS	100V	R329	100K
VDS	100V	R330	100K
VDS	100V	R331	100K
VDS	100V	R332	100K
VDS	100V	R333	100K
VDS	100V	R334	100K
VDS	100V	R335	100K
VDS	100V	R336	100K
VDS	100V	R337	100K
VDS	100V	R338	100K
VDS	100V	R339	100K
VDS	100V	R340	100K
VDS	100V	R341	100K
VDS	100V	R342	100K
VDS	100V	R343	100K
VDS	100V	R344	100K
VDS	100V	R345	100K
VDS	100V	R346	100K
VDS	100V	R347	100K
VDS	100V	R348	100K
VDS	100V	R349	100K
VDS	100V	R350	100K
VDS	100V	R351	100K
VDS	100V	R352	100K
VDS	100V	R353	100K
VDS	100V	R354	100K
VDS	100V	R355	100K
VDS	100V	R356	100K
VDS	100V	R357	100K
VDS	100V	R358	100K
VDS	100V	R359	100K
VDS	100V	R360	100K
VDS	100V	R361	100K
VDS	100V	R362	100K
VDS	100V	R363	100K
VDS	100V	R364	100K
VDS	100V	R365	100K
VDS	100V	R366	100K
VDS	100V	R367	100K
VDS	100V	R368	100K
VDS	100V	R369	100K
VDS	100V	R370	100K
VDS	100V	R371	100K
VDS	100V	R372	100K
VDS	100V	R373	100K
VDS	100V	R374	100K
VDS	100V	R375	100K
VDS	100V	R376	100K
VDS	100V	R377	100K
VDS	100V	R378	100K
VDS	100V	R379	100K
VDS	100V	R380	100K
VDS	100V	R381	100K
VDS	100V	R382	100K
VDS	100V	R383	100K
VDS	100V	R384	100K
VDS	100V	R385	100K
VDS	100V	R386	100K
VDS	100V	R387	100K
VDS	100V	R388	100K
VDS	100V	R389	100K
VDS	100V	R390	100K
VDS	100V	R391	100K
VDS	100V	R392	100K
VDS	100V	R393	100K
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VDS	100V	R397	100K
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VDS	100V	R400	100K
VDS	100V	R401	100K
VDS	100V	R402	100K
VDS	100V	R403	100K
VDS	100V	R404	100K
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VDS	100V	R406	100K
VDS	100V	R407	100K
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VDS	100V	R422	100K
VDS	100V	R423	100K
VDS	100V	R424	100K
VDS	100V	R425	100K
VDS	100V	R426	100K
VDS	100V	R427	100K
VDS	100V	R428	100K
VDS	100V	R429	100K
VDS	100V	R430	100K
VDS	100V	R431	100K
VDS	100V	R432	100K
VDS	100V	R433	100K
VDS	100V	R434	100K
VDS	100V	R435	100K
VDS	100V	R436	100K
VDS	100V	R437	100K
VDS	100V	R438	100K
VDS	100V	R439	100K
VDS	100V	R440	100K
VDS	100V	R441	100K
VDS	100V	R442	100K
VDS	100V	R443	100K
VDS	100V	R444	100K
VDS	100V	R445	100K
VDS	100V	R446	100K
VDS	100V	R447	100K
VDS	100V	R448	100K
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VDS	100V	R456	100K
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VDS	100V	R458	100K
VDS	100V	R459	100K
VDS	100V	R460	100K
VDS	100V	R461	100K
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VDS	100V	R463	100K
VDS	100V	R464	100K
VDS	100V	R465	100K
VDS	100V	R466	100K
VDS	100V	R467	100K
VDS	100V	R468	100K
VDS	100V	R469	100K
VDS	100V	R470	100K
VDS	100V	R471	100K
VDS	100V	R472	100K
VDS	100V	R473	100K
VDS	100V	R474	100K
VDS	100V	R475	100K
VDS	100V	R476	100K
VDS	100V	R477	100K
VDS	100V	R478	100K
VDS	100V	R479	100K
VDS	100V	R480	100K
VDS	100V	R481	100K
VDS	100V	R482	100K
VDS	100V	R483	100K
VDS	100V	R484	100K
VDS	100V	R485	100K
VDS	100V	R486	100K
VDS	100V	R487	100K
VDS	100V	R488	100K
VDS	100V	R489	100K
VDS	100V	R490	100K
VDS	100V	R491	100K
VDS	100V	R492	100K
VDS	100V	R493	100K
VDS	100V	R494	100K
VDS	100V	R495	100K
VDS	100V	R496	100K
VDS	100V	R497	100K
VDS	100V	R498	100K
VDS	100V	R499	100K
VDS	100V	R500	100K

NOTE: EXCEPT WHERE NOTED, COMPONENTS STUFFED AS AC100 FOR MODEL RUMBLE 100 V3.



REV.	DESCRIPTION	DATE	APPROVED
A	PR2465	18-JUN-13	dBL

REVISIONS

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NOTE: EXCEPT WHERE NOTED, COMPONENTS STUFFED AS AC100 FOR MODEL RUMBLE 100 V3.

**MUSICAL INSTRUMENTS**  
Corona, CA U.S.A.

CHECKED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

APPROVED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

DRAWN: CORBIN ENGR: D. LEWIS

FILE: SERVICE DIAGRAM, COMBINED RUMBLE 100 V3  
PWR AMP SMPS MODULE 100W BTL

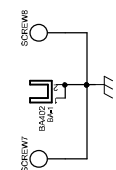
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DRAWING NUMBER: **2465ICT011**

REVISIONS: \_\_\_\_\_  
REV. **A**

RELEASE DATE: 2-4MY-12  
DATABASE FILE: PR2465.SCH  
SHEET 2 OF 3

Table II Component Difference AC100/150

Location	AC100	AC150
R457	OR	OPEN
R57	OR	OPEN
C444	330P	470P
C445	330P	470P
C446	330P	470P
C447	330P	470P
C448	330P	470P
C449	330P	470P
C450	330P	470P
C451	330P	470P
C452	330P	470P
C453	330P	470P
C454	330P	470P
C455	330P	470P
C456	330P	470P
C457	330P	470P
C458	330P	470P
C459	330P	470P
C460	N/A	220P
C461	N/A	220P
C462	N/A	220P
C463	N/A	220P

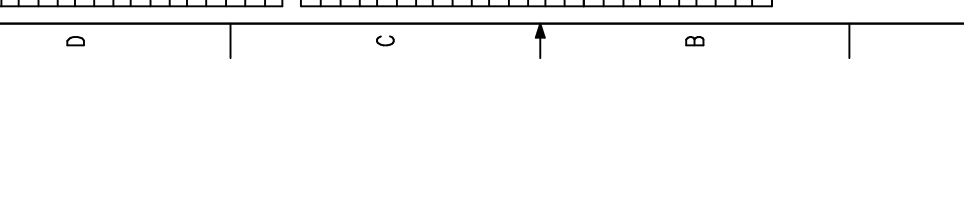
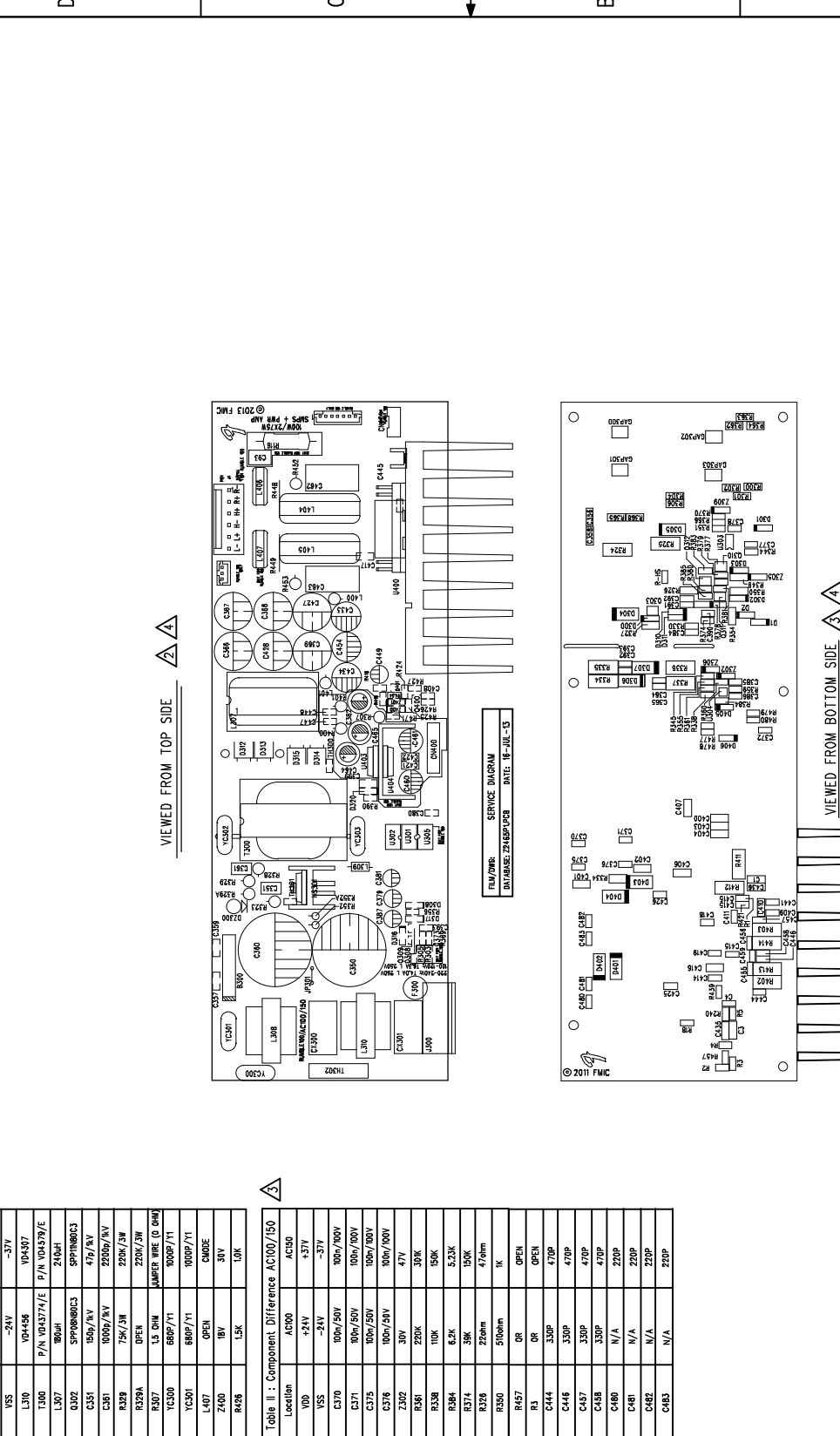


8 7 6 5 4 3 2 1

REV.	DESCRIPTION	DATE	APPROVED
A	PR2465	16-JUL-13	gBL

Location	AC100	AC150
V0D	+24V	+37V
V5S	-24V	-37V
L3J0	V04456	V04507
L300	P/N V043774/E	P/N V04379/E
L307	190uH	210uH
Q302	SPPR080C3	SPPR080C3
C351	150p/1kV	47p/1kV
C361	1000p/1kV	2200p/1kV
R328	75k/3W	220k/3W
R329A	OPEN	220k/3W
R307	1.5 OHM	LAMPER WIRE (0 OHM)
YC300	680P/11	1000P/11
YC301	680P/11	1000P/11
L407	OPEN	0400E
Z400	18V	31V
R458	1.5K	1.0K

Location	AC100	AC150
V0D	+24V	+37V
V5S	-24V	-37V
C370	100p/50V	100p/100V
C371	100p/50V	100p/100V
C375	100p/50V	100p/100V
C376	100p/50V	100p/100V
Z302	30V	47V
R351	220K	30K
R338	110K	150K
R384	6.2K	5.22K
R374	39K	550K
R328	220hm	470hm
R350	510hm	1K
R457	OR	OPEN
R3	OR	OPEN
C444	330P	470P
C448	330P	470P
C457	330P	470P
C488	330P	470P
C480	N/A	220P
C481	N/A	220P
C482	N/A	220P
C483	N/A	220P



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 DATE: \_\_\_\_\_  
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 DATE: \_\_\_\_\_  
 DRAWING PK CORBIN GALLAGHER/LEWIS  
 DATABASE FILE: Z2465P02B

MUSICAL INSTRUMENTS  
 Corona, CA U.S.A.

TITLE: SERVICE DIAGRAM, COMBINED RUMBLE 100 V3  
 PWR AMP\_SMP'S MODULE 100W BTL

SIZE: DRAWING NUMBER  
 C 2465ICT011

REV. A  
 RELEASE DATE: 16-JUL-13 SHEET 3 OF 3

▲ COMPONENTS STUFFED AS AC100 FOR RUMBLE 100. SEE SHEET 1 FOR STUFFING DIFFERENCES.  
 ▲ SEE TABLE I (BOTTOM SIDE) AND BOM FOR ALTERNATE STUFFINGS.  
 ▲ SEE TABLE II (TOP SIDE) AND BOM FOR ALTERNATE STUFFINGS.  
 ▲ SEE SHEETS 1 AND 2 FOR VALUES AND CONDITIONS.  
 NOTES: (UNLESS OTHERWISE NOTED)