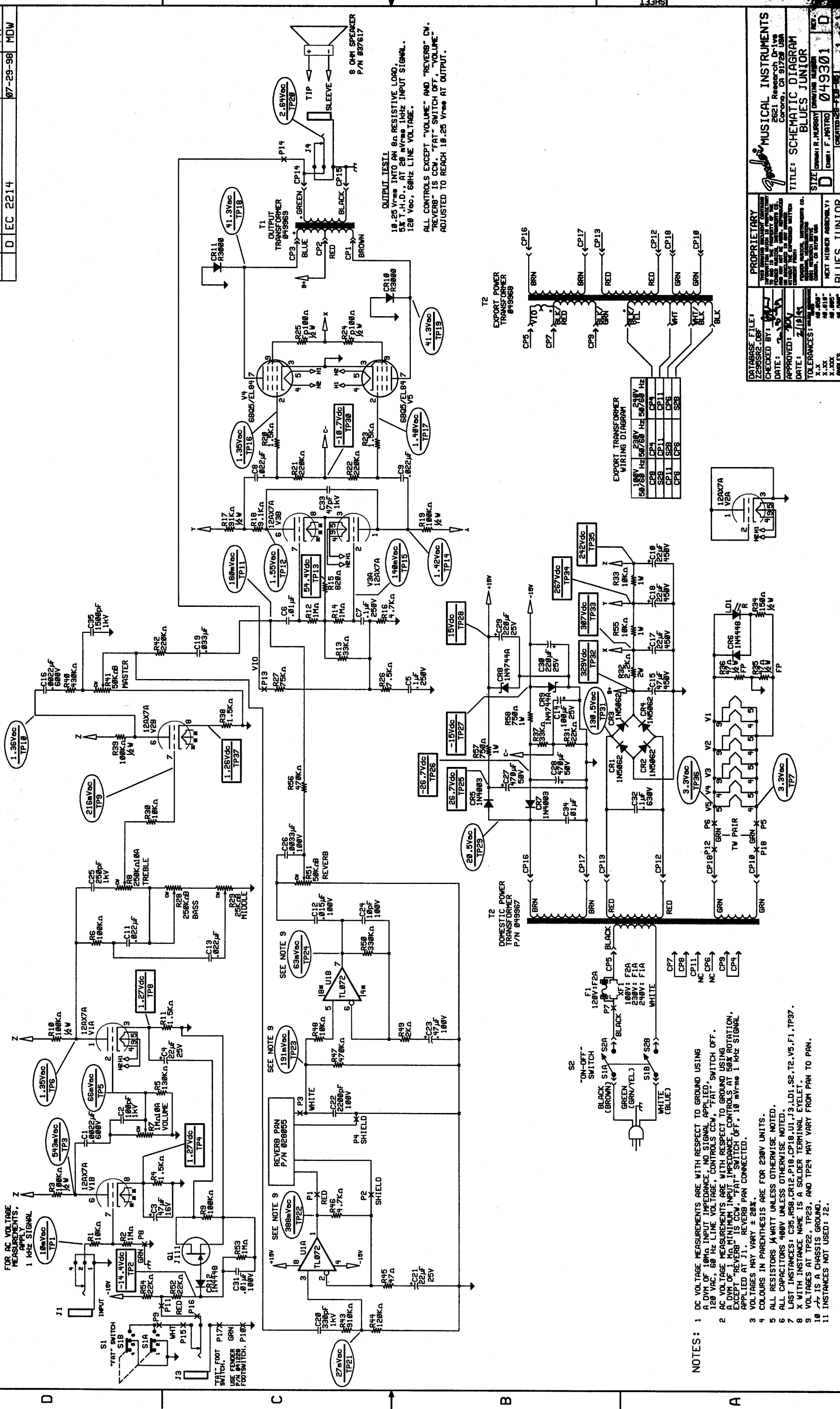


REV.	DESCRIPTION	DATE	APPROVED
A	RELEASED PR295	3-3-95	FM
B	EC 1476	5-15-95	FM
C	EC CR59	10-29-96	FM
D	EC 2214	07-29-98	MDW

REVISIONS



OUTPUT TESTS:  
 10.25 Vrms INTO 8Ω RESISTIVE LOAD,  
 5% T.H.D., AT 20 mVrms 1kHz INPUT SIGNAL.  
 120 Vcc, 60Hz LINE VOLTAGE.  
 ALL CONTROLS EXCEPT "VOLUME" AND "REVERB" CW.  
 "REVERB" IS CCW "FAT" SWITCH OFF "VOLUME"  
 ADJUSTED TO REACH 10.25 Vrms AT OUTPUT.

- NOTES:
- DC VOLTAGE MEASUREMENTS ARE WITH RESPECT TO GROUND USING A 0VΩ OF 10MΩ INPUT IMPEDANCE, NO SIGNAL APPLIED, 120 VAC, 60 Hz LINE VOLTAGE. CONTROLS CCW, "FAT" SWITCH OFF.
  - AC VOLTAGE MEASUREMENTS ARE WITH RESPECT TO GROUND USING A 0VΩ OF 1 MΩ MINIMUM INPUT IMPEDANCE. CONTROLS AT 50% ROTATION, EXCEPT "REVERB" IS CCW, "FAT" SWITCH OFF, 10 mVrms 1 kHz SIGNAL APPLIED AT J1. REVERB PAN CONNECTED.
  - VOLTAGES MAY VARY ± 20%.
  - COLORS IN PARENTHESES ARE FOR 230V UNITS.
  - ALL RESISTORS ¼WATT UNLESS OTHERWISE NOTED.
  - ALL CAPACITORS 400V UNLESS OTHERWISE NOTED.
  - LAST INSTANCES: C39, R58, CR12, P18, CP18, U1, J3, LD1, S2, T2, V5, F1, TP37.
  - X WITH INSTANCE NAME IS A SOLDER TERMINAL EYELET.
  - VOLTAGES AT TP22, TP23, AND TP24 MAY VARY FROM PAN TO PAN.
  - TP25 IS A CHASSIS GROUND.
  - INSTANCES NOT USED: J2.

**MUSICAL INSTRUMENTS**  
 2621 Research Dr. I-ve  
 Corona, CA 91728 USA

**BLUES JUNIOR**

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 RETRIEVAL SYSTEM.

DATE: 2/18/91  
 APPROVED: [Signature]  
 CHECKED BY: [Signature]  
 DATABASE FILE: 22555R2.DBF

TOLERANCES:  
 .X.X .X.XX .X.XXX  
 .X .XX .XXX  
 .X .XX .XXX

SIZE: D  
 DRAWN: R. MURRAY  
 DATE: 04/30/91

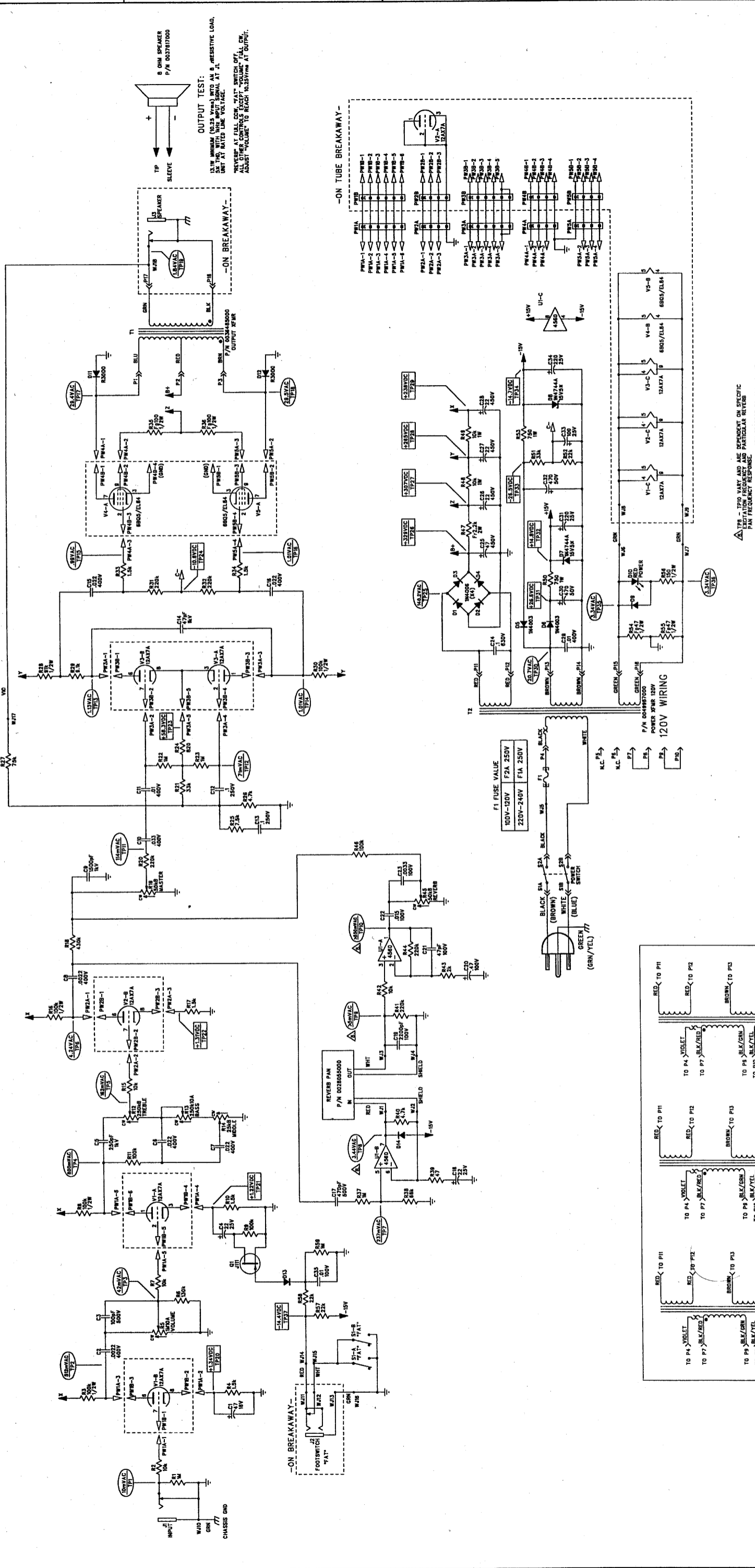
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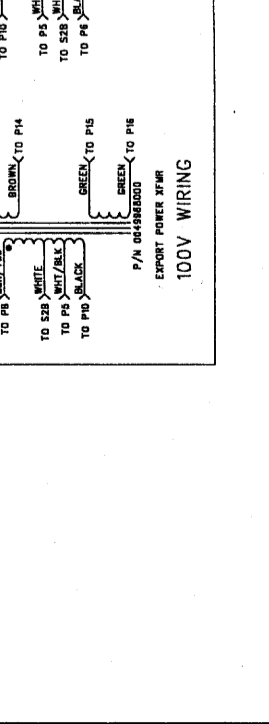
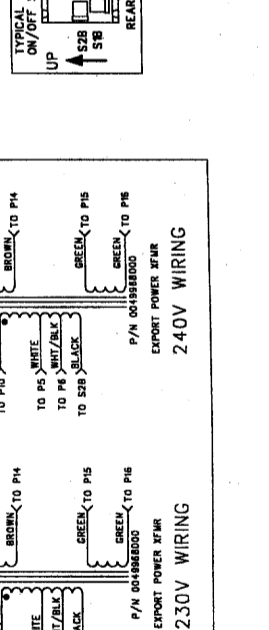
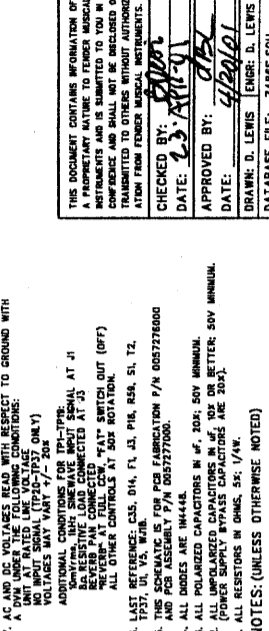
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	EC 2630	21-MAR-01	gBL

1 2 3 4 5 6 7 8

D C B A



**OUTPUT TEST:**  
 13.5W MINIMUM (0.25 Vrms) INTO AN 8 Ω RESISTIVE LOAD.  
 IN THE TUNED MODE, SWITCH OFF ALL OTHERS.  
 REVERSE AT FULL VOL. "FAT" SWITCH OFF ALL OTHERS.  
 ADJUST VOLUME TO REACH 0.25Vrms AT OUTPUT.



1 2 3 4 5 6 7 8

A B C D

**REVISIONS**  
 REV. DESCRIPTION DATE APPROVED  
 A EC 2630 21-MAR-01 gBL

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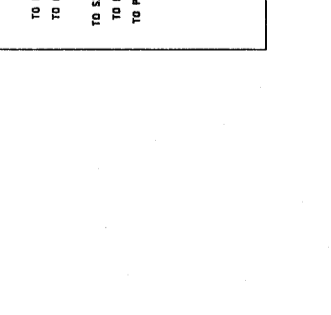
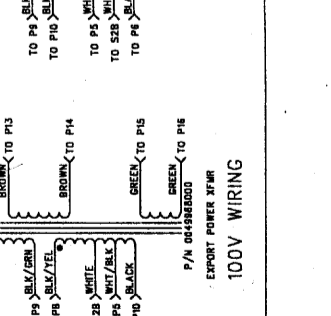
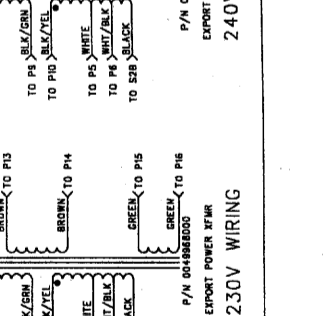
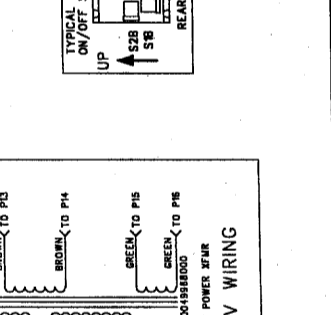
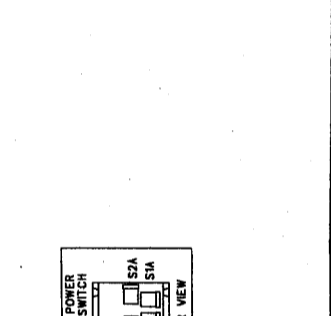
CHECKED BY: *[Signature]*  
 DATE: 12-APR-01  
 APPROVED BY: *[Signature]*  
 DATE: 4/24/01  
 DRAWN: D. LEWIS [ENR: D. LEWIS]  
 DATABASE FILE: Z486S.SCH

**TITLE: SERVICE DIAGRAM, COMBINED**  
**BLUES JUNIOR**  
 Corona, CA U.S.A.

SIZE D 0057275000  
 REV. A  
 RELEASE DATE: 21-MAR-01 SHEET: 1 OF 2

- Δ THIS SCHEMATIC IS FOR PCB FABRICATION P/N 0057276000 AND P/N ASSEMBLY P/N 0057277000.
1. ALL POLARIZED CAPACITORS MUST BE INSTALLED IN THE CORRECT POLARITY.
  2. ALL RESISTORS IN OHMS, 5% 1/4W.
  3. ALL DIODES ARE 1N4148.
  4. ALL PARTS ARE 50V UNLESS OTHERWISE NOTED.
  5. THIS SCHEMATIC IS FOR PCB FABRICATION P/N 0057276000 AND P/N ASSEMBLY P/N 0057277000.
  6. ALL PARTS ARE 50V UNLESS OTHERWISE NOTED.
  7. ALL PARTS ARE 50V UNLESS OTHERWISE NOTED.
  8. ALL PARTS ARE 50V UNLESS OTHERWISE NOTED.

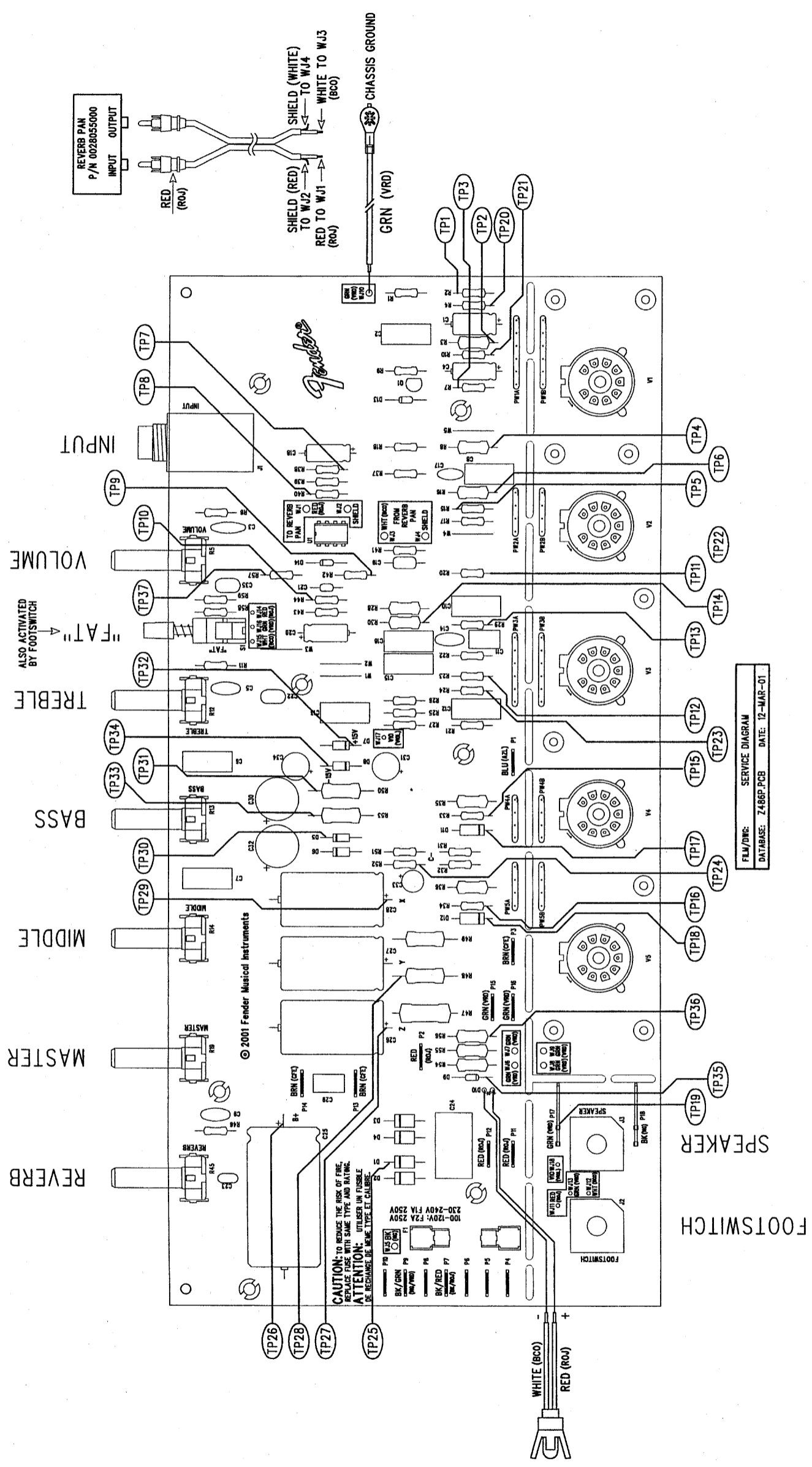
**NOTES: (UNLESS OTHERWISE NOTED)**



1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	EC 2630	21-MAR-01	dbl



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

*Fender*

TITLE: SERVICE DIAGRAM, COMBINED (PCB assy)  
BLUES JUNIOR

CHECKED BY: *[Signature]*  
DATE: 26-APR-01

APPROVED BY: *[Signature]*  
DATE: 4/30/01

DRAWN: D. LEWIS ENGR: D. LEWIS  
DATABASE FILE: Z486P.PCB

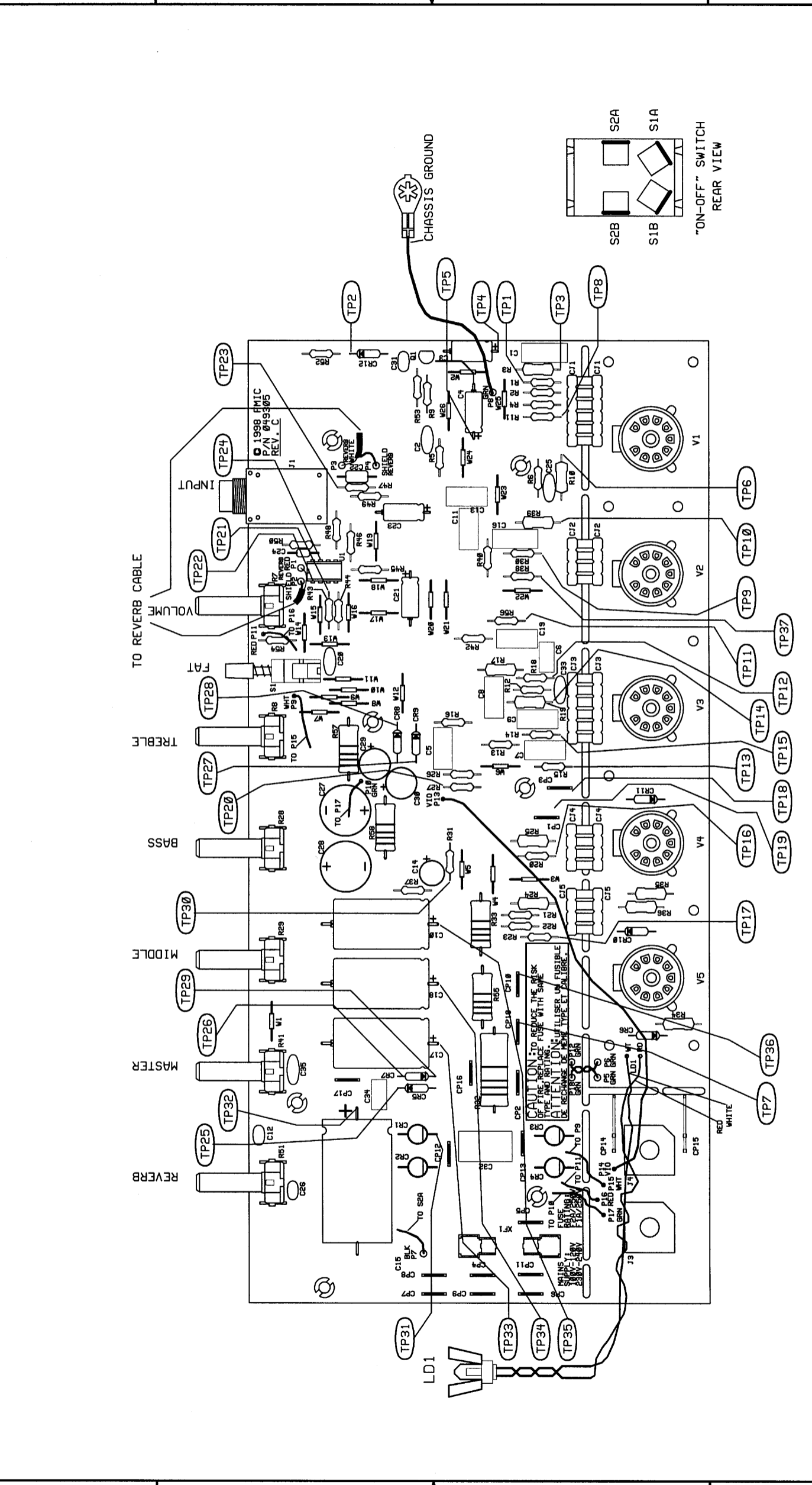
SIZE: C DRAWING NUMBER: 0057275000  
RELEASE DATE: 21-MAR-01 SHEET 2 OF 2

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1. SEE SHEET 1 FOR PRIMARY WIRING, TEST CONDITIONS, AND TEST POINT VALUES.  
NOTES: (UNLESS OTHERWISE NOTED)

1 2 3 4 5 6 7 8

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	RELEASED PR295	3-3-95	FM
	B	EC 1476	5-21-95	FM
	C	EC 2214	12-02-98	MDW



**Fender Musical Instruments**  
 2821 Research Drive  
 Corona, CA 91720 USA

**TITLE: SERVICE DIAGRAM  
 BLUES JUNIOR**

**SIZE: C** DRAWING NUMBER: **049303** REV. **C**  
 ENGR: F. MATRO

SCALE: NONE PLOTTED: 02-DEC-98 SHEET 1 OF 1

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 REGIONAL HEADQUARTERS  
 2821 RESEARCH DRIVE  
 CORONA, CA 91728 USA

**NEXT HIGHER ASSEMBLY:  
 BLUES JUNIOR**

**DATABASE FILE:  
 Z295P.DBF**

CHECKED BY: *[Signature]*  
 DATE: *[Signature]*  
 APPROVED: *[Signature]*  
 DATE: 2/18/99

TOLERANCES: UNLESS OTHERWISE SPECIFIED:  
 X.X .050"  
 X.XX .010"  
 X.XXX .0005"  
 ANGLES .500°

**FILM/DWG: SERVICE DIAGRAM**  
**DATABASE: Z295P.DBF** DATE: 02-DEC-98  
 LAYERS PLOTTED: 1 2 3 4 10  
 18