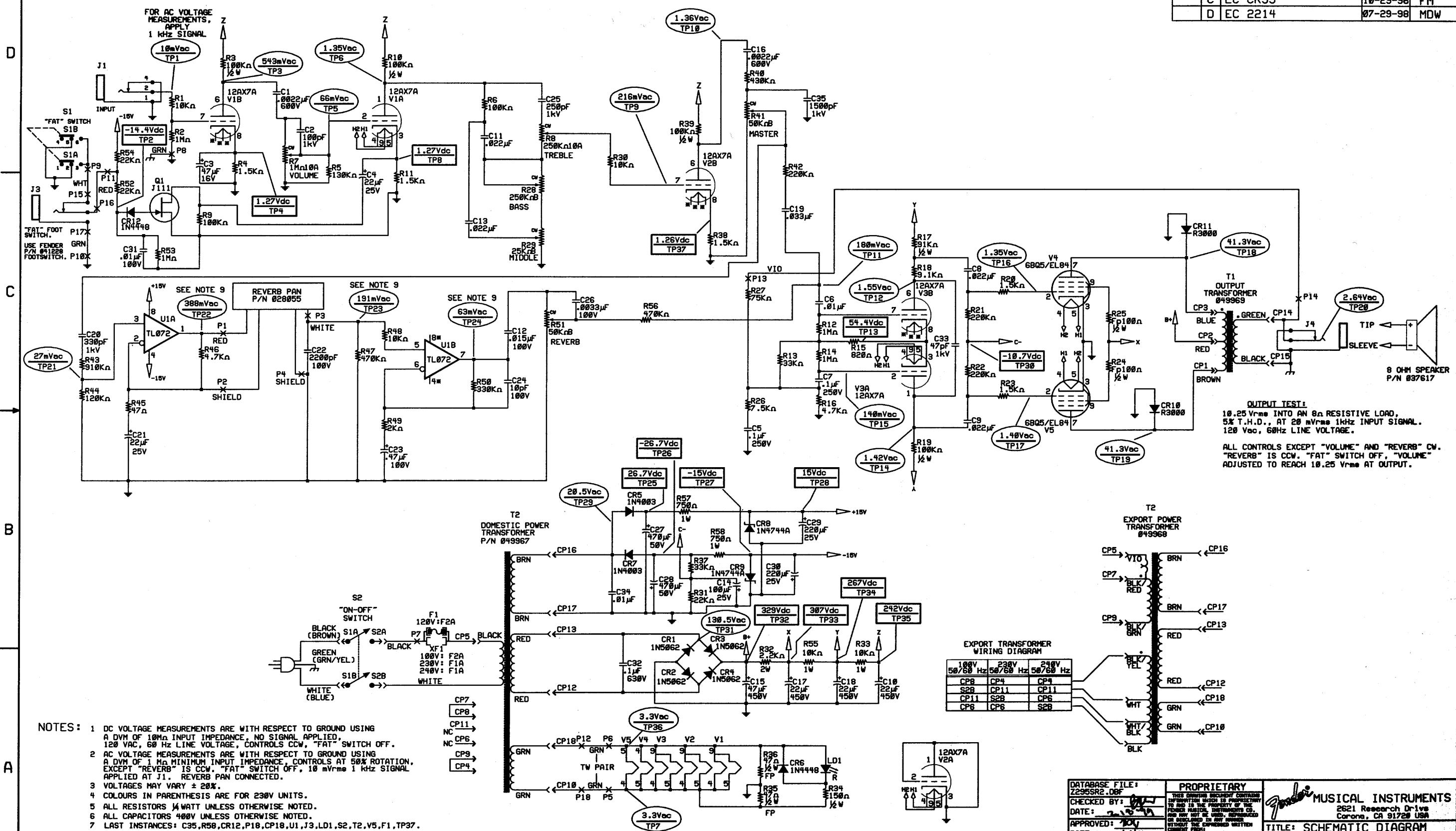


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	RELEASED PR295	3-3-95	FM
	B	EC 1476	5-15-95	FM
	C	EC CR59	10-29-96	FM
	D	EC 2214	07-29-98	MDW



OUTPUT TEST:
10.25 Vrms INTO AN 8Ω RESISTIVE LOAD,
5% T.H.D., AT 20 mVrms 1kHz INPUT SIGNAL.
120 Vac, 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.

EXPORT TRANSFORMER WIRING DIAGRAM

100V	230V	240V
50/60 Hz	50/60 Hz	50/60 Hz
CP8	CP4	CP4
S2B	CP11	CP11
CP11	S2B	CP6
CP6	CP6	S2B

- NOTES:
- DC VOLTAGE MEASUREMENTS ARE WITH RESPECT TO GROUND USING A DVM 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 DVM 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%.
 - COLOURS IN PARENTHESES ARE FOR 230V UNITS.
 - ALL RESISTORS 1/4 WATT UNLESS OTHERWISE NOTED.
 - ALL CAPACITORS 400V UNLESS OTHERWISE NOTED.
 - LAST INSTANCES: C35, R50, 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.
 - IS A CHASSIS GROUND.
 - INSTANCES NOT USED: J2.

DATABASE FILE: Z295SR2.DBF

CHECKED BY: [Signature]

DATE: 2/18/99

APPROVED: [Signature]

DATE: 2/18/99

TOLERANCES: X.XX ±0.050" X.XX ±0.010" X.XX ±0.005" ANGLES ±0.500°

PROPRIETARY

FENDER MUSICAL INSTRUMENTS CO. 2621 Research Drive Corona, CA 91709 USA

TITLE: SCHEMATIC DIAGRAM BLUES JUNIOR

SIZE: D

ENGR: F. MATRO

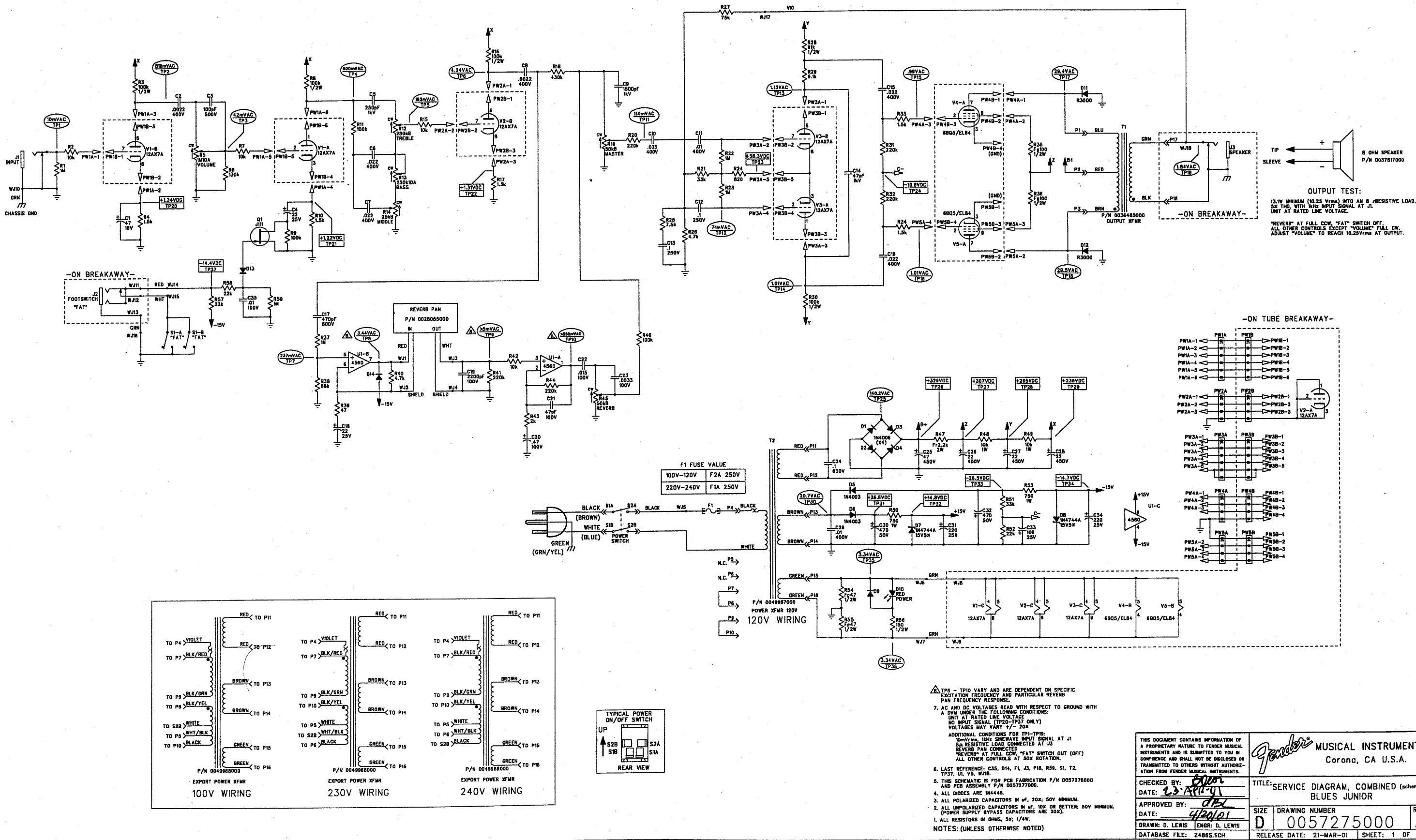
049301

BLUES JUNIOR

SCALE: NONE

1 OF 1

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



- TP8 - TP10 VARY AND ARE DEPENDENT ON SPECIFIC EXCITATION FREQUENCY AND PARTICULAR REVERB PAN FREQUENCY RESPONSE.
7. AC AND DC VOLTAGES READ WITH RESPECT TO GROUND WITH A DVM UNDER THE FOLLOWING CONDITIONS:
UNIT AT RATED LINE VOLTAGE
NO INPUT SIGNAL (TP20-TP37 ONLY)
VOLTAGES MAY VARY +/- 20%
- ADDITIONAL CONDITIONS FOR TP1-TP16:
10mVrms, 1kHz SINEWAVE INPUT SIGNAL AT J1
8Ω RESISTIVE LOAD CONNECTED AT J3
"REVERB" AT FULL CCW, "FAT" SWITCH OUT (OFF)
ALL OTHER CONTROLS AT MAX ROTATION.
6. LAST REFERENCE: C35, D14, F1, J3, P18, R59, S1, T2, TP37, UL V5, WJ18.
5. THIS SCHEMATIC IS FOR PCB FABRICATION P/N 0057276000 AND PCB ASSEMBLY P/N 0057277000.
4. ALL DIODES ARE 1N4448.
3. ALL POLARIZED CAPACITORS IN μF, 10% OR BETTER; 50V MINIMUM. (POWER SUPPLY BYPASS CAPACITORS ARE 20%).
2. ALL UNPOLARIZED CAPACITORS IN μF, 10% OR BETTER; 50V MINIMUM. (POWER SUPPLY BYPASS CAPACITORS ARE 20%).
1. ALL RESISTORS IN OHMS, 5% 1/4W.
- NOTES: (UNLESS OTHERWISE NOTED)

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CHECKED BY: *[Signature]*
DATE: 23 APR 01
APPROVED BY: *[Signature]*
DATE: 4/20/01
DRAWN: D. LEWIS
DATABASE FILE: 2486S.SCH

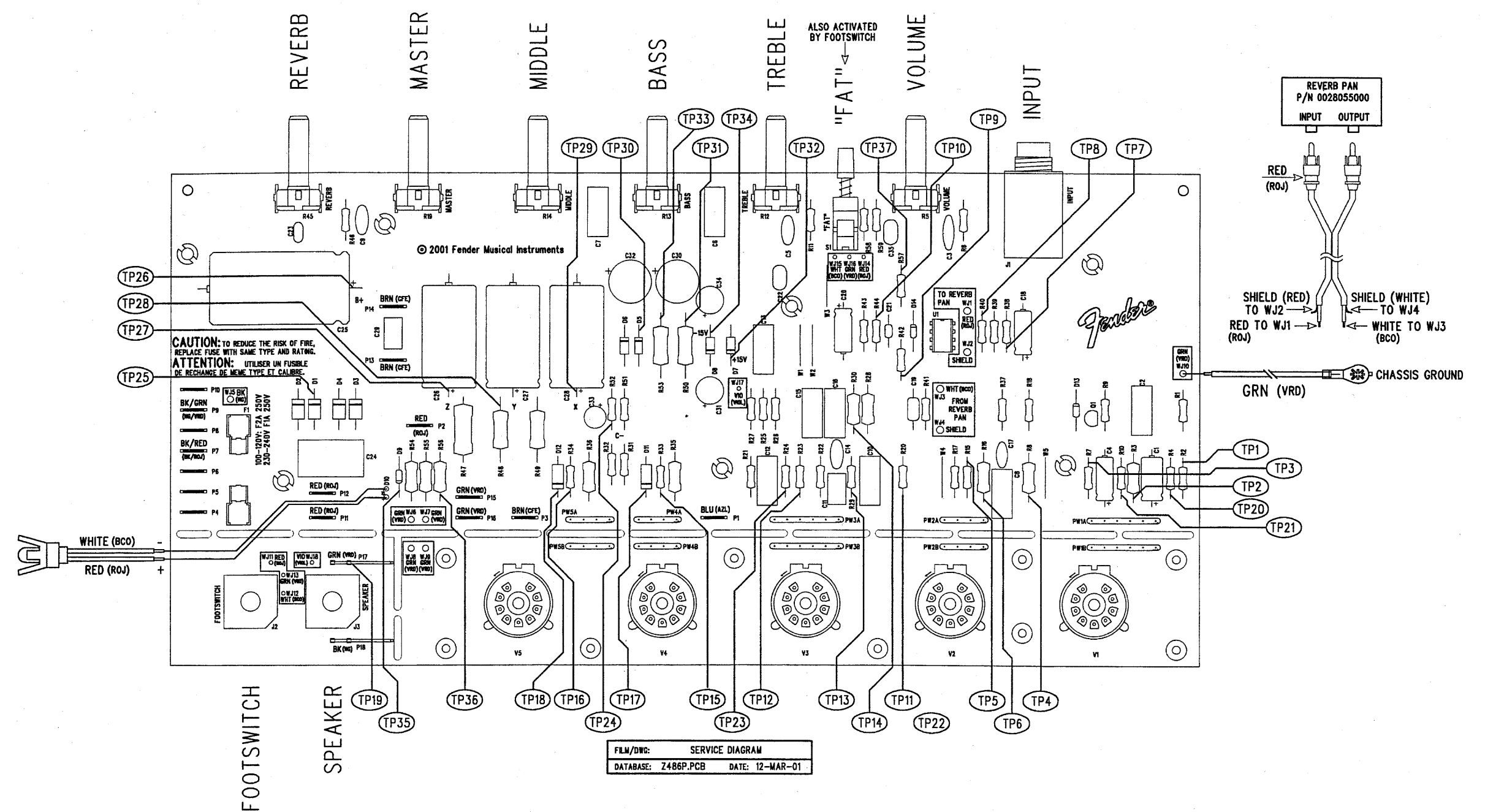
Fender MUSICAL INSTRUMENTS
Corona, CA U.S.A.

TITLE: SERVICE DIAGRAM, COMBINED (schematic) BLUES JUNIOR

SIZE: DRAWING NUMBER
D 0057275000
RELEASE DATE: 21-MAR-01 SHEET: 1 OF 2

8 7 6 5 4 3 2 1

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



FLM/DWG: SERVICE DIAGRAM
DATABASE: Z486P.PCB DATE: 12-MAR-01

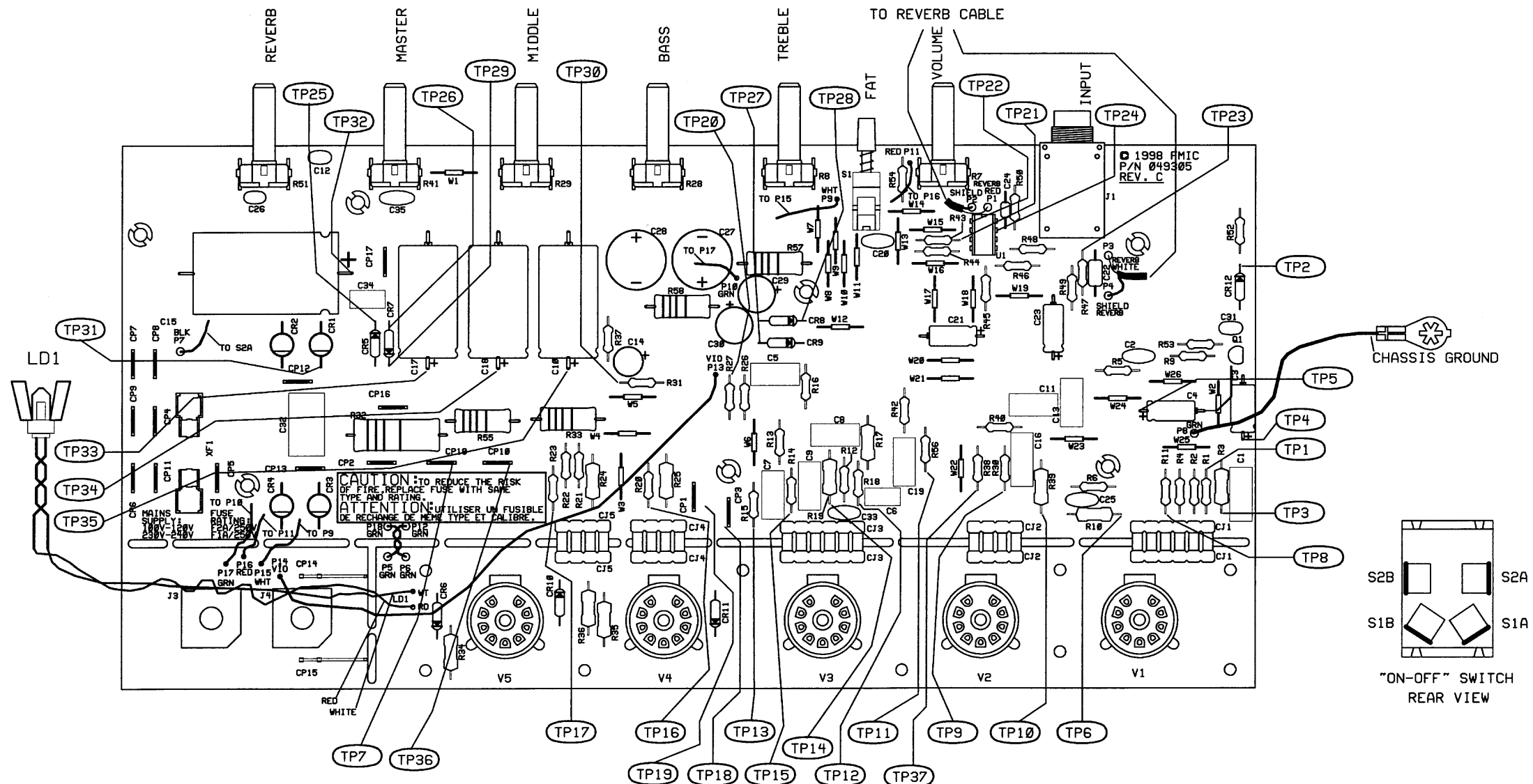
1. SEE SHEET 1 FOR PRIMARY WIRING, TEST CONDITIONS, AND TEST POINT VALUES.
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CHECKED BY: <u>[Signature]</u> DATE: <u>26-APR-01</u>	TITLE: SERVICE DIAGRAM, COMBINED (PCB assy) BLUES JUNIOR		
APPROVED BY: <u>dBL</u> DATE: <u>4/30/01</u>	SIZE: C	DRAWING NUMBER: 0057275000	REV. A
DRAWN: D. LEWIS ENGR: D. LEWIS	RELEASE DATE: 21-MAR-01	SHEET 2 OF 2	

8 7 6 5 4 3 2 1

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



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

DATABASE FILE:
Z295P.DBF

CHECKED BY: *[Signature]*

DATE: 2/18/99

APPROVED: *[Signature]*

DATE: 2/18/99

TOLERANCES: UNLESS OTHERWISE NOTED
X.X ±0.050"
X.XX ±0.010"
X.XXX ±0.005"
ANGLES ±0.500°

PROPRIETARY

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FENDER MUSICAL INSTRUMENTS CO.
REGIONAL HEADQUARTERS
2621 RESEARCH DRIVE
CORONA, CA 91720 USA

NEXT HIGHER ASSEMBLY:
BLUES JUNIOR

Fender MUSICAL INSTRUMENTS
2621 Research Drive
Corona, CA 91720 USA

TITLE: SERVICE DIAGRAM
BLUES JUNIOR

SIZE	DRAWN: F.MATRO	DRAWING NUMBER	REV.
C	ENGR: F.MATRO	049303	C
SCALE: NONE		CREATED: 3-3-95	SHEET 1 OF 1
		PLOTTED: 02-DEC-98	