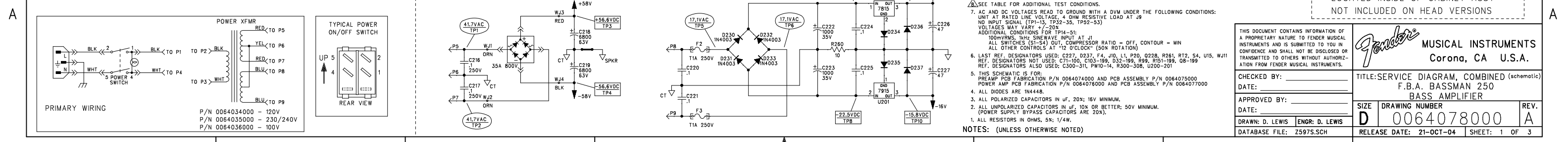
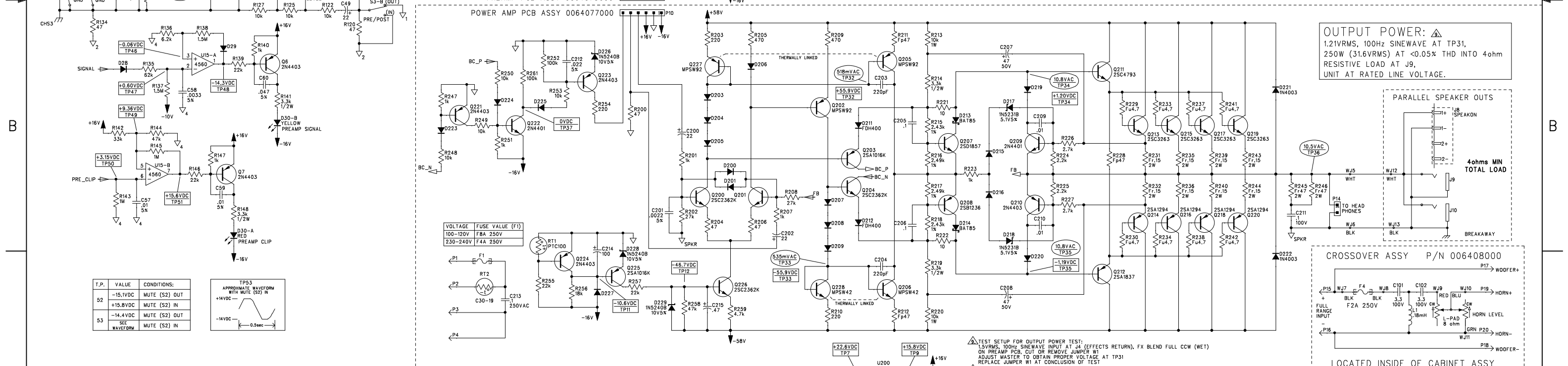
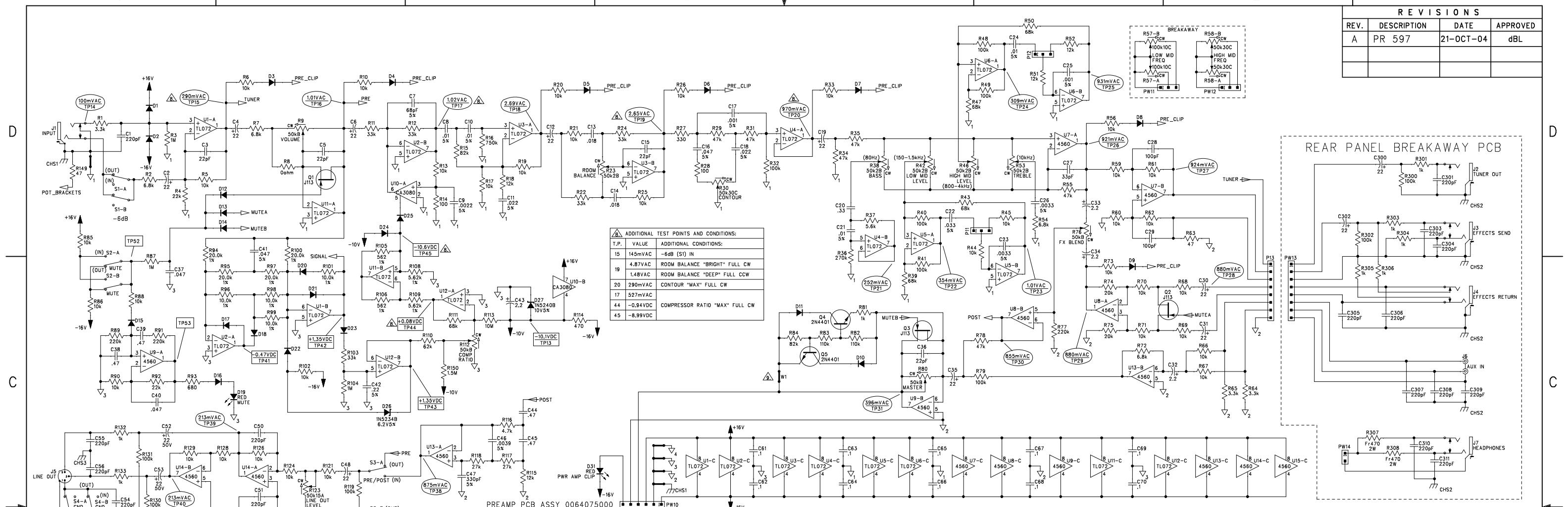
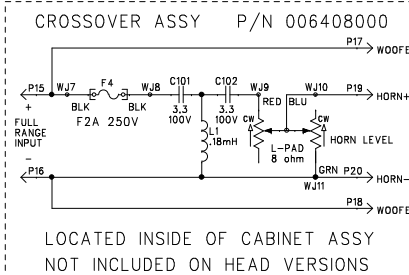
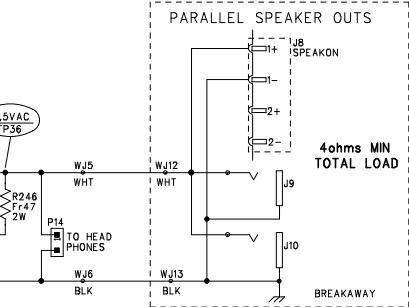


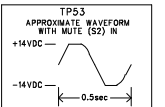
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PR 597	21-OCT-04	dBL



OUTPUT POWER: Δ
 1.21VRMS, 100Hz SINEWAVE AT TP31,
 250W (31.6VRMS) AT <0.05% THD INTO 4ohm
 RESISTIVE LOAD AT J9,
 UNIT AT RATED LINE VOLTAGE.



T.P.	VALUE	CONDITIONS:
52	-15.1VDC	MUTE (S2) OUT
52	+15.8VDC	MUTE (S2) IN
53	-14.4VDC	MUTE (S2) OUT
53	SEE WAVEFORM	MUTE (S2) IN



VOLTAGE	FUSE VALUE (F1)
100-120V	FBA 250V
230-240V	F4A 250V

- TEST SETUP FOR OUTPUT POWER TEST:
 1.5VRMS, 100Hz SINEWAVE INPUT AT J4 (EFFECTS RETURN), FX BLEND FULL CCW (WET)
 ON PREAMP PCB, CUT OR REMOVE JUMPER W1
 ADJUST MASTER CONTROL TO OBTAIN PROPER VOLTAGE AT TP31
 REPLACE JUMPER W1 AT CONCLUSION OF TEST
- SEE TABLE FOR ADDITIONAL TEST CONDITIONS.
7. AC AND DC VOLTAGES READ TO GROUND WITH A DVM UNDER THE FOLLOWING CONDITIONS:
 UNIT AT RATED LINE VOLTAGE, 4 OHM RESISTIVE LOAD AT J9
 NO INPUT SIGNAL (TP1-15, TP32-35, TP52-53)
- ADDITIONAL CONDITIONS FOR TP14-51:
 100mVRMS, 1kHz SINEWAVE INPUT AT J1
 ALL SWITCHES (S1-S4) OUT, COMPRESSOR RATIO = OFF, CONTOUR = MIN
 ALL OTHER CONTROLS AT "12 O'CLOCK" (50% ROTATION)
6. LAST REF. DESIGNATORS USED: C227, D237, F4, J10, L1, P20, Q228, R261, R2, S4, U15, W11
 REF. DESIGNATORS NOT USED: C71-100, C103-199, D32-199, R99, R191-199, Q8-199
 REF. DESIGNATORS ALSO USED: C300-311, PW10-14, R300-308, U200-201
5. THIS SCHEMATIC IS FOR:
 PREAMP PCB FABRICATION P/N 0064074000 AND PCB ASSEMBLY P/N 0064075000
 POWER AMP PCB FABRICATION P/N 0064076000 AND PCB ASSEMBLY P/N 0064077000
4. ALL DIODES ARE 1N4148
3. ALL POLARIZED CAPACITORS IN μ F, 20% OR BETTER; 50V MINIMUM.
 (POWER SUPPLY BYPASS CAPACITORS ARE 20X).
2. ALL UNPOLARIZED CAPACITORS IN μ F, 10% OR BETTER; 50V MINIMUM.
 (POWER SUPPLY BYPASS CAPACITORS ARE 20X).
1. ALL RESISTORS IN OHMS, 5% 1/4W.
- NOTES: (UNLESS OTHERWISE NOTED)

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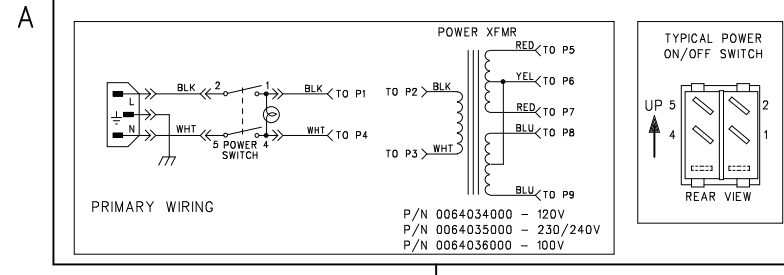
Fender MUSICAL INSTRUMENTS
 Corona, CA U.S.A.

TITLE: SERVICE DIAGRAM, COMBINED (schematic)
 DATE: F.B.A. BASSMAN 250
 BASS AMPLIFIER

CHECKED BY: _____
 DATE: _____
 APPROVED BY: _____
 DATE: _____
 DRAWN: D. LEWIS ENGR: D. LEWIS
 DATABASE FILE: Z5975.SCH

SIZE: D
 DRAWING NUMBER: 0064078000
 REV. A

RELEASE DATE: 21-OCT-04
 SHEET: 1 OF 3



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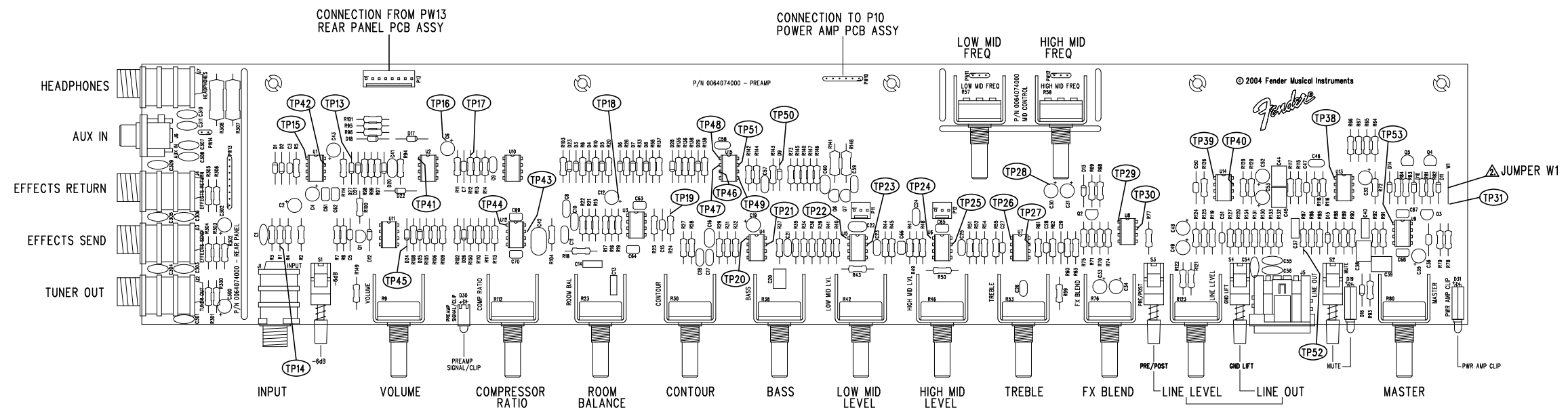
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FILM/DWG: SERVICE DIAGRAM
 DATABASE: Z997PLPCB DATE: 28-SEP-04

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CHECKED BY:	DATE:	TITLE: SERVICE DIAGRAM, COMBINED (PCB assy) F.B.A. BASSMAN 250 PREAMP	
APPROVED BY:	DATE:	SIZE: D	DRAWING NUMBER: 0064078000
DRAWN: RM/D.LEWIS	ENGR: D.LEWIS	RELEASE DATE: 21-OCT-04	SHEET 2 OF 3
DATABASE FILE: Z997PLPCB			

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

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