

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PR611	15-JUN-04	R J D

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

CHECKED BY: _____
DATE: _____

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DATE: _____

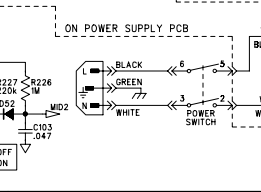
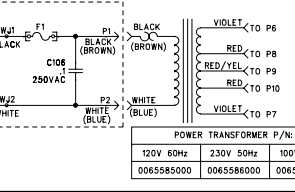
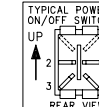
SIZE: DRAWING NUMBER: _____
D 0064710000 A

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DATABASE FILE: Z6TIS.SCH

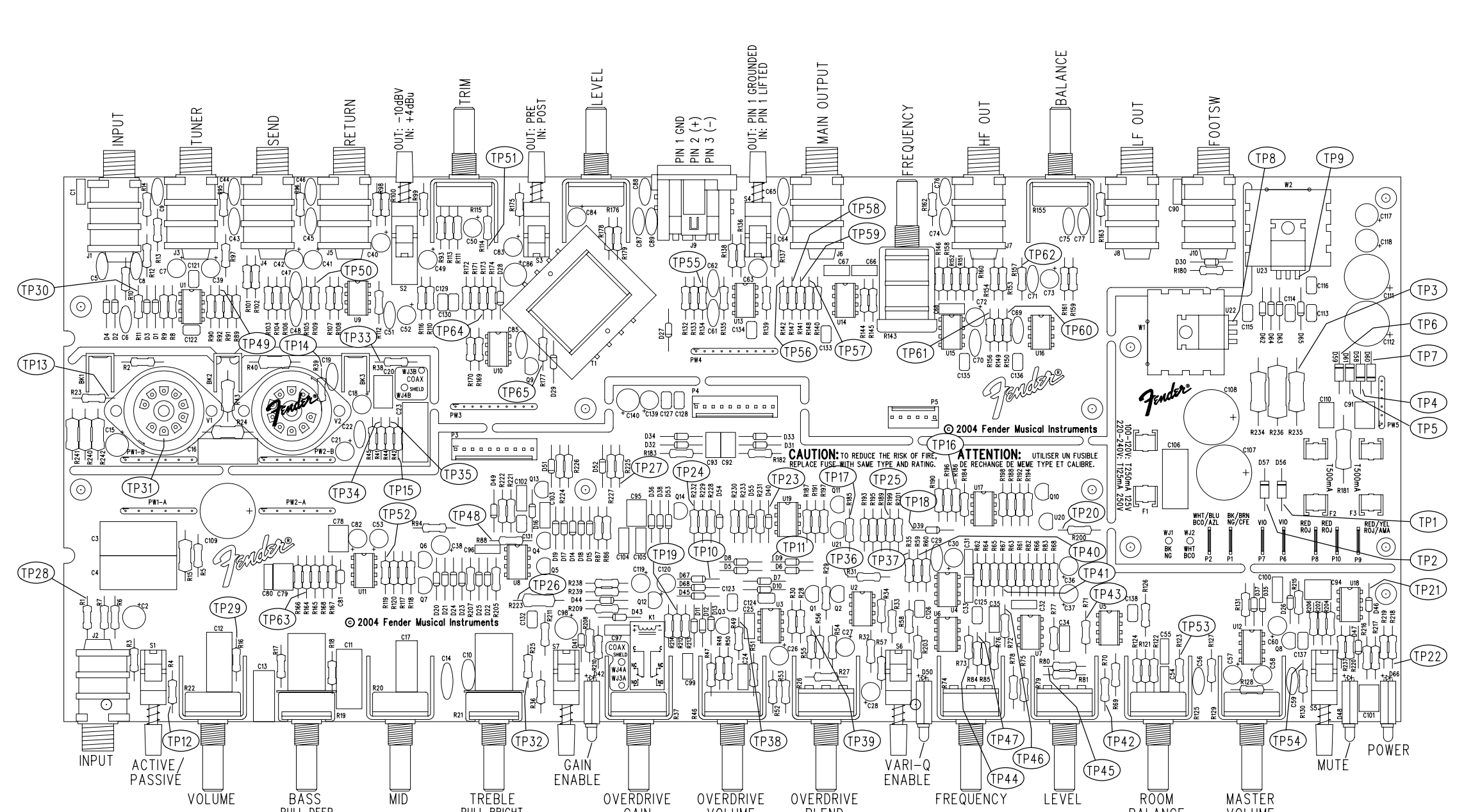
TITLE: SERVICE DIAGRAM, COMBINED (schematic)
TBP-1
TUBE BASS PREAMP

RELEASE DATE: 15-JUN-04 SHEET: 1 OF 2

- NOTES: (UNLESS OTHERWISE NOTED)
1. ALL RESISTORS IN OHMS, 5% 1/4W.
 2. ALL UNPOLARIZED CAPACITORS IN UF, 10% OR BETTER, 50V MINIMUM. (POWER SUPPLY BYPASS CAPACITORS ARE 20%).
 3. ALL POLARIZED CAPACITORS IN UF, 20%; 50V MINIMUM.
 4. ALL DIODES ARE 1N4148.
 5. THIS SCHEMATIC IS FOR PCB FABRICATION P/N 0064710000 AND PCB ASSEMBLY P/N 0064712000.
 6. LAST REFERENCE DESIGNATORS: C140, C51, D68, F3, J10, K1, P10, P65, S4, R242, S7, T1, TP65, U23, W24.
 7. TESTPOINT VOLTAGES TP1-27 READ TO GROUND WITH A DVM AND NO INPUT SIGNAL. WITH UNIT AT RATED LINE VOLTAGE, NO FOOTSWITCH, ALL RIBBON CABLES CONNECTED, ALL FRONT AND REAR PANEL SWITCH BUTTONS OUT AND CONTROLS AT 12 O'CLOCK, AND NO DEEP OR BRIGHT BOOST ACTIVE. DO NOT STUFF R236.
 8. TESTPOINT VOLTAGES TP14-17 READ TO GROUND WITH A DVM AND NO INPUT SIGNAL. WITH UNIT AT RATED LINE VOLTAGE, NO FOOTSWITCH, ALL RIBBON CABLES CONNECTED, ALL FRONT AND REAR PANEL SWITCH BUTTONS OUT AND CONTROLS AT 12 O'CLOCK, AND NO DEEP OR BRIGHT BOOST ACTIVE. DO NOT STUFF R236.
 9. FOR TESTPOINTS TP44-47 ONLY, ROTATE 979 LEVEL FULL CLOCKWISE.
 10. FOR TESTPOINTS TP28-65, INPUT A 1kHz 30mV SINEWAVE SIGNAL TO J1 AND ENABLE TUBE OVERDRIVE (GAIN) SWITCH S7.



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CAUTION: TO REDUCE THE RISK OF FIRE, REPLACE FUSE WITH SAME TYPE AND RATING.
ATTENTION: UTILISER UN FUSIBLE DE MEME TYPE ET CALIBRE.

FILM/DWG: SERVICE DIAGRAM
 DATABASE: Z611P.PCB DATE: 15-JUN-04

1. SEE PAGE 1 FOR PRIMARY WIRING, TEST CONDITIONS AND TEST POINT VALUES.

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CHECKED BY: _____ DATE: _____		TITLE: SERVICE DIAGRAM, COMBINED (PCB assy) TBP-1 Tube Bass Preamp	
APPROVED BY: _____ DATE: _____		SIZE C	DRAWING NUMBER 0064710000
DRAWN: B. Desi	ENGR: B. Desi	RELEASE DATE: 15-JUN-04	REV. A SHEET 2 OF 2
DATABASE FILE: Z611P.PCB		SHEET 2 OF 2	