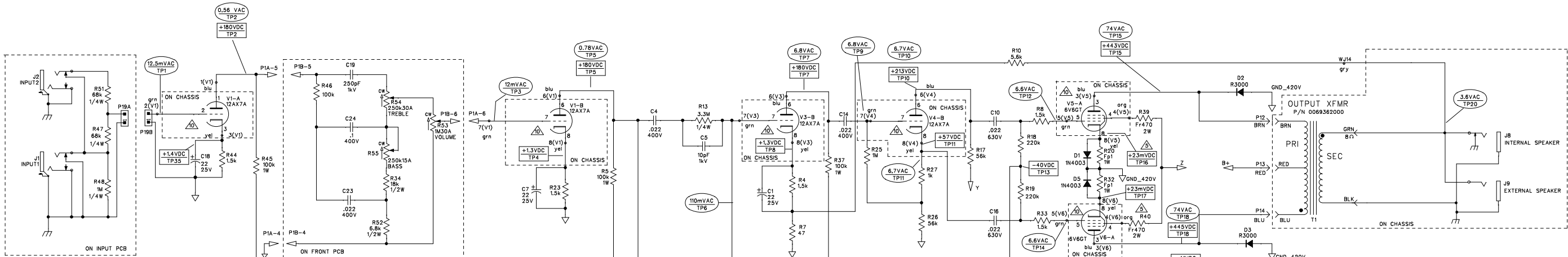
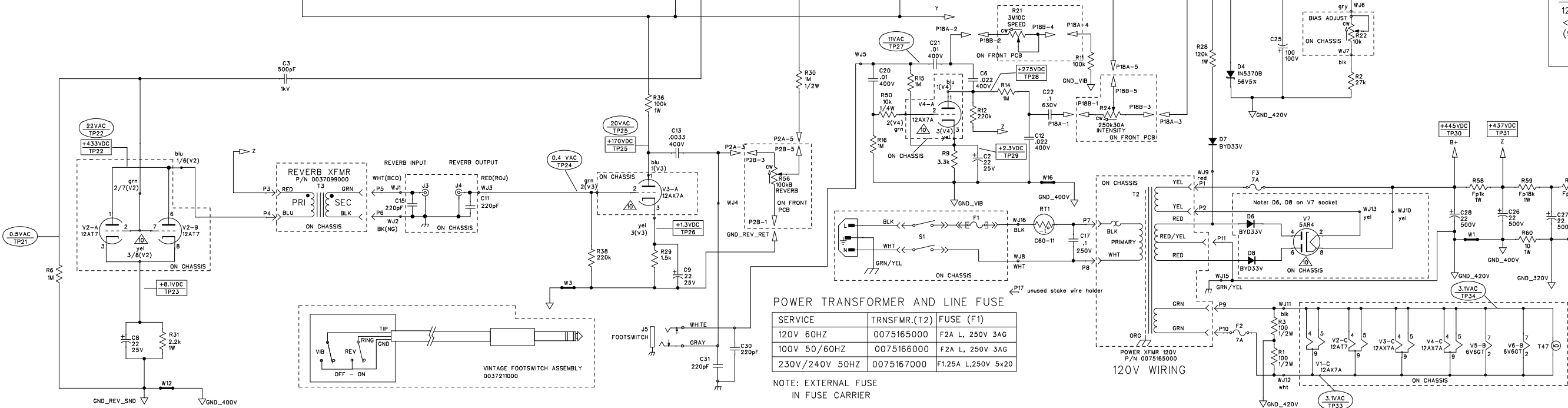


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	PR2946	24-JUL-13	S M M
C	EC13001	29-OCT-13	S M M



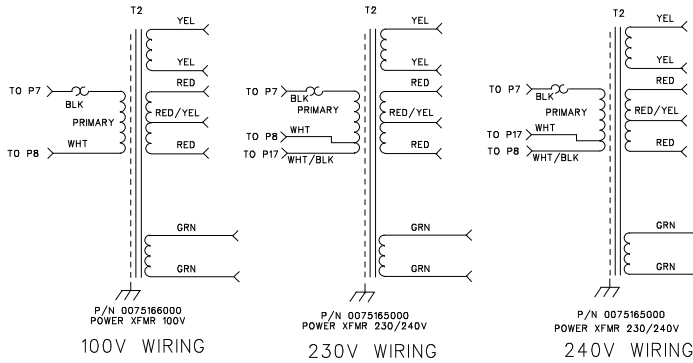
MAX POWER
12W INTO 8 OHMS Δ T
<10% THD
(9.8Vrms OUT)



POWER TRANSFORMER AND LINE FUSE

SERVICE	TRNSFM.R.(T2)	FUSE (F1)
120V 60HZ	0075165000	F2A L, 250V 3AG
100V 50/60HZ	0075166000	F2A L, 250V 3AG
230V/240V 50HZ	0075167000	F1.25A L,250V 5x20

NOTE: EXTERNAL FUSE
IN FUSE CARRIER



6. TUBE COMPLEMENT (INSTALLED AT PRODUCTION):

- V1: ECC83S-GT (0074287200)
- V2: ECC81S-GT (0078799200)
- V3: ECC83S-GT (0074287200)
- V4: ECC83S-ST (0074287300)
- V5: 6V6-S (0069673000)
- V6: 6V6-S (0069673000)
- V7: 5AR4 (0041400000)

- NOT USED REFERENCE DESIGNATORS: R35, R41, R42, R43, R49
- LAST REFERENCE DESIGNATORS: R80, R11, C31, D8, F3, J9, P1B, TP35, V7, WJ1
- AC AND DC VOLTAGES READ TO GROUND WITH A DVM UNDER THE FOLLOWING CONDITIONS:
UNIT AT RATED LINE VOLTAGE
8 OHM RESISTIVE LOAD CONNECTED AT SPEAKER JACK
NO FOOTSWITCH CONNECTED
NO INPUT SIGNAL ON DC TESTS (TP = SQUARE BOXES).
ADDITIONAL NOTES FOR AC TESTS (TP = OVAL):
INPUT TO J1 SET TO 12.5mV SINE WAVE AT 1 KHZ.
REVERB CONTROL AT "0"
REVERB P/N 0064063000 DISCONNECTED AND J3 AND J4 JUMPED.
VOL. BASS, TREBLE AT 5.5.
SPEED/INTENSITY AT 0, EXCEPT FOR TP35 TEST; SET AT 5.5.

- ALL TUBES IN CHASSIS MOUNTED SOCKETS.

- BIAS IS SET BY MEASURING VOLTAGE AT TP16 (WITH NO SIGNAL APPLIED & TUBES WARMED UP).
SET VOLT-METER TO mV RANGE. SET 6V6 BIAS CURRENT BY ADJUSTING BIAS CONTROL POT R22.
SPECIFIED VOLTAGE IS 2.5mV AT TP16.
VOLTAGE AT TP17 SHOULD BE WITHIN 20% OF TP16 VOLTAGE.
TYPICAL NEGATIVE BIAS VOLTAGE (WJ6 TO CHS) IS -40VDC.
THIS SCHEMATIC IS FOR PCB FABRICATION P/N 0075157000 AND PCB ASSEMBLY P/N 0099872000.
- ALL POLARIZED CAPACITORS IN μ F, 20% 50V MINIMUM.
- ALL UNPOLARIZED CAPACITORS IN μ F, 10% OR BETTER; 50V MINIMUM. (POWER SUPPLY BYPASS CAPACITORS ARE 20%).
- ALL RESISTORS IN OHMS, 5% 1/2W, UNLESS NOTED.

NOTES: (UNLESS OTHERWISE NOTED)

THIS DOCUMENT CONTAINS INFORMATION OF A PROPRIETARY NATURE TO FENDER MUSICAL INSTRUMENTS AND IS SUBMITTED TO YOU IN CONFIDENCE AND SHALL NOT BE DISCLOSED OR TRANSMITTED TO OTHERS WITHOUT AUTHORIZATION FROM FENDER MUSICAL INSTRUMENTS.

CHECKED BY: _____
DATE: _____

APPROVED BY: _____
DATE: _____

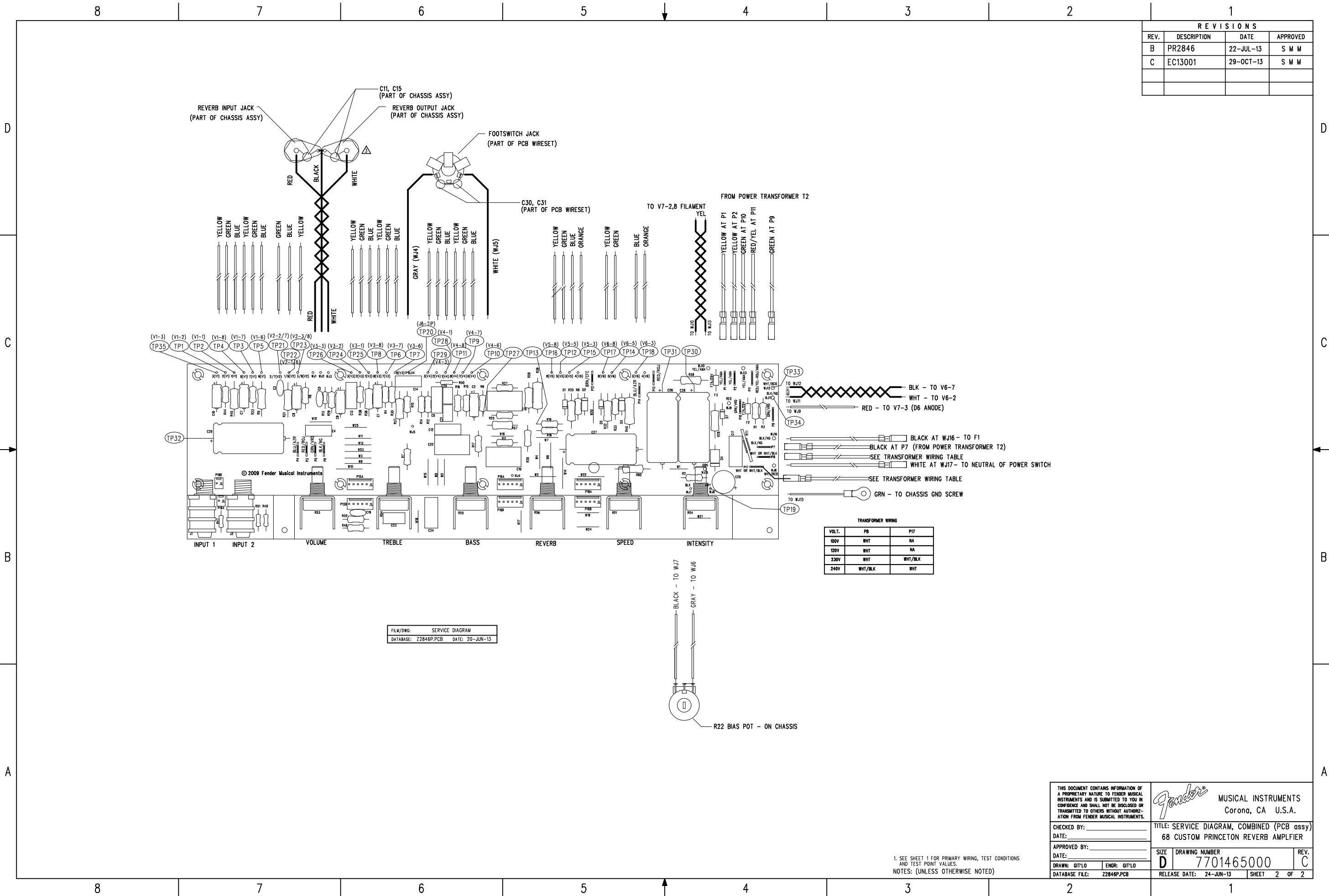
DRAWN: GIT'LO _____
DATABASE FILE: Z2846S.SCH

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

TITLE:SERVICE DIAGRAM, COMBINED (schematic)
'68 CUSTOM PRINCETON REVERB

SIZE	DRAWING NUMBER	REV.
D	7701465000	C

RELEASE DATE: 25-JUN-2013 SHEET: 1 OF 2



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	PR2846	22-JUL-13	S M M
C	EC13001	29-OCT-13	S M M

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

THIS DOCUMENT CONTAINS INFORMATION OF A PROPRIETARY NATURE TO FENDER MUSICAL INSTRUMENTS AND IS LOANED TO YOU IN CONFIDENCE AND SHALL NOT BE DISCLOSED OR TRANSMITTED TO OTHERS WITHOUT AUTHORIZATION FROM FENDER MUSICAL INSTRUMENTS.

CHECKED BY: _____
DATE: _____

APPROVED BY: _____
DATE: _____

DRAWN: GIT'LO ENGR: GIT'LO
DATABASE FILE: Z2846P.PCB

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

TITLE: SERVICE DIAGRAM, COMBINED (PCB assy)
68 CUSTOM PRINCETON REVERB AMPLIFIER

SIZE: **D** DRAWING NUMBER: **7701465000** REV. **C**

RELEASE DATE: 24-JUN-13 SHEET 2 OF 2