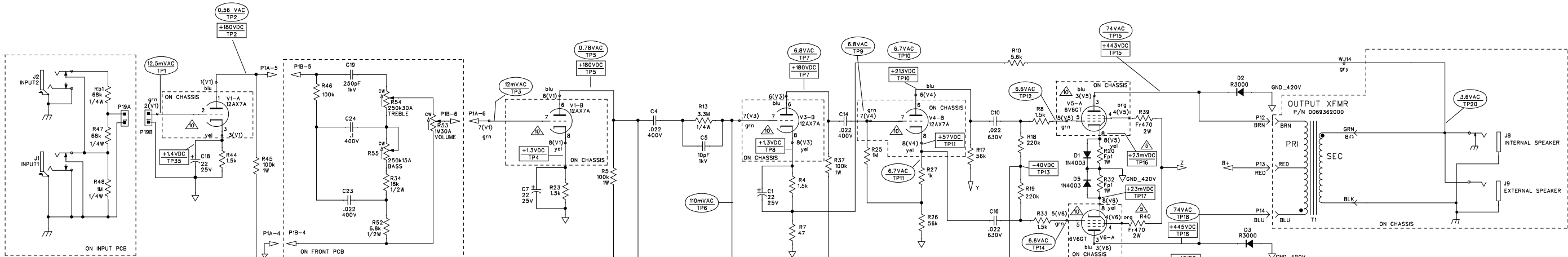
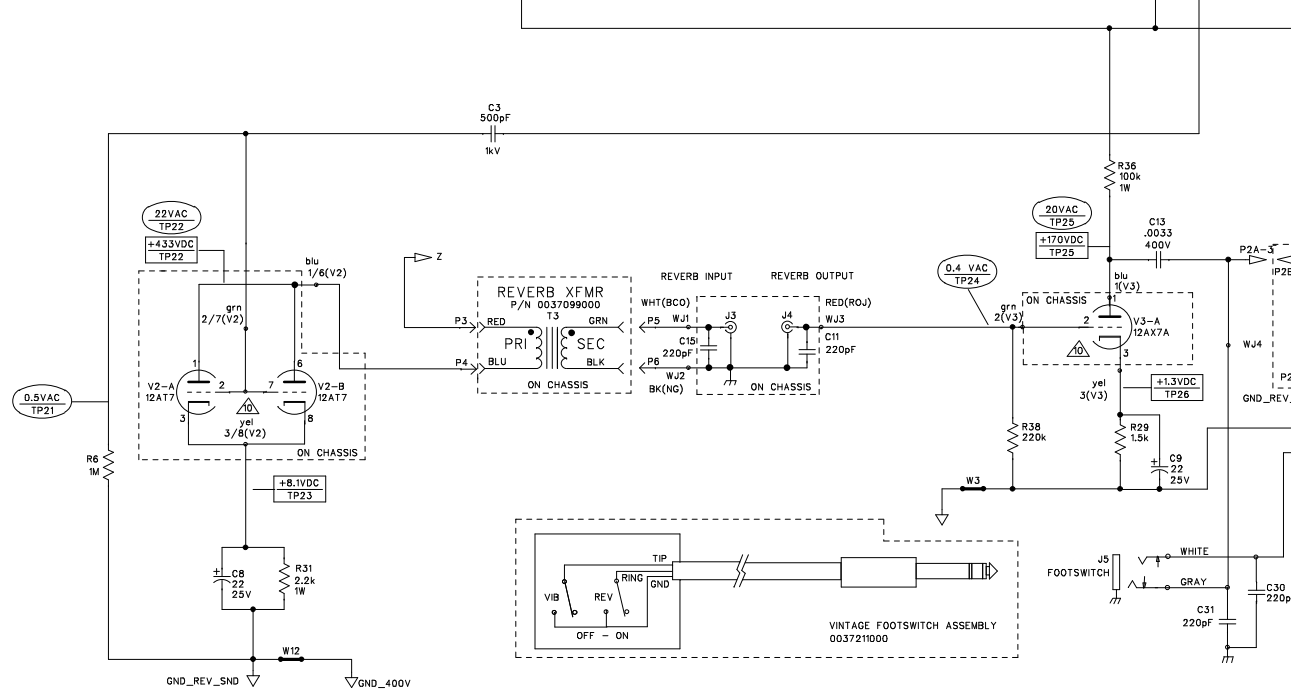


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
B	PR2946	24-JUL-13	S M M
C	EC13001	29-OCT-13	S M M



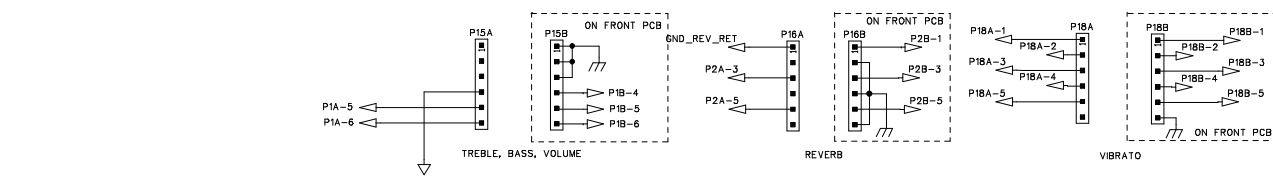
MAX POWER
12W INTO 8 OHMS Δ T
<10% THD
(9.8Vrms OUT)



POWER TRANSFORMER AND LINE FUSE

SERVICE	TRNSFM.(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



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 VOLTAGE 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: _____

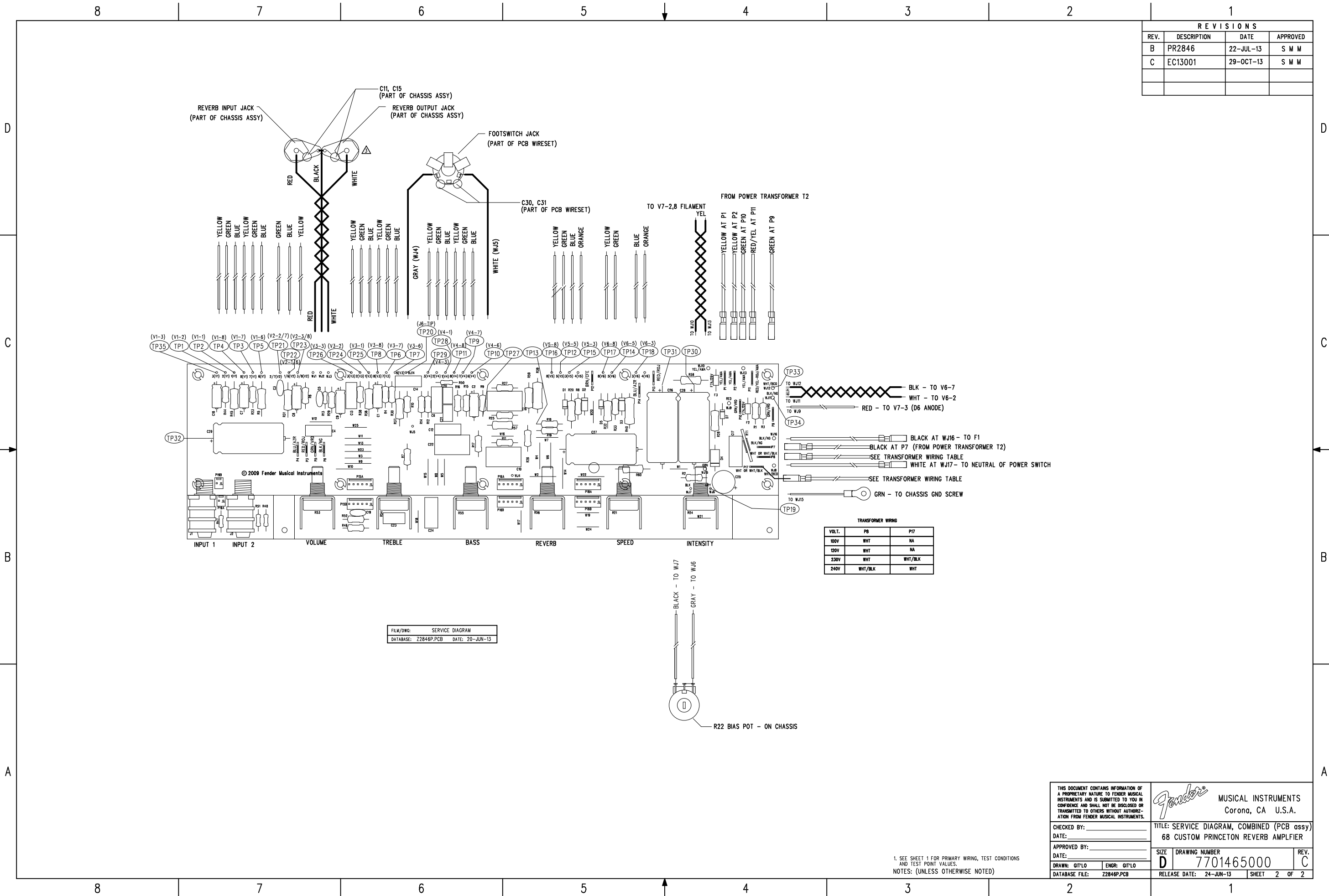
DRAWN: GIT'LO _____
DATABASE FILE: Z2846S.SCH

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

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

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