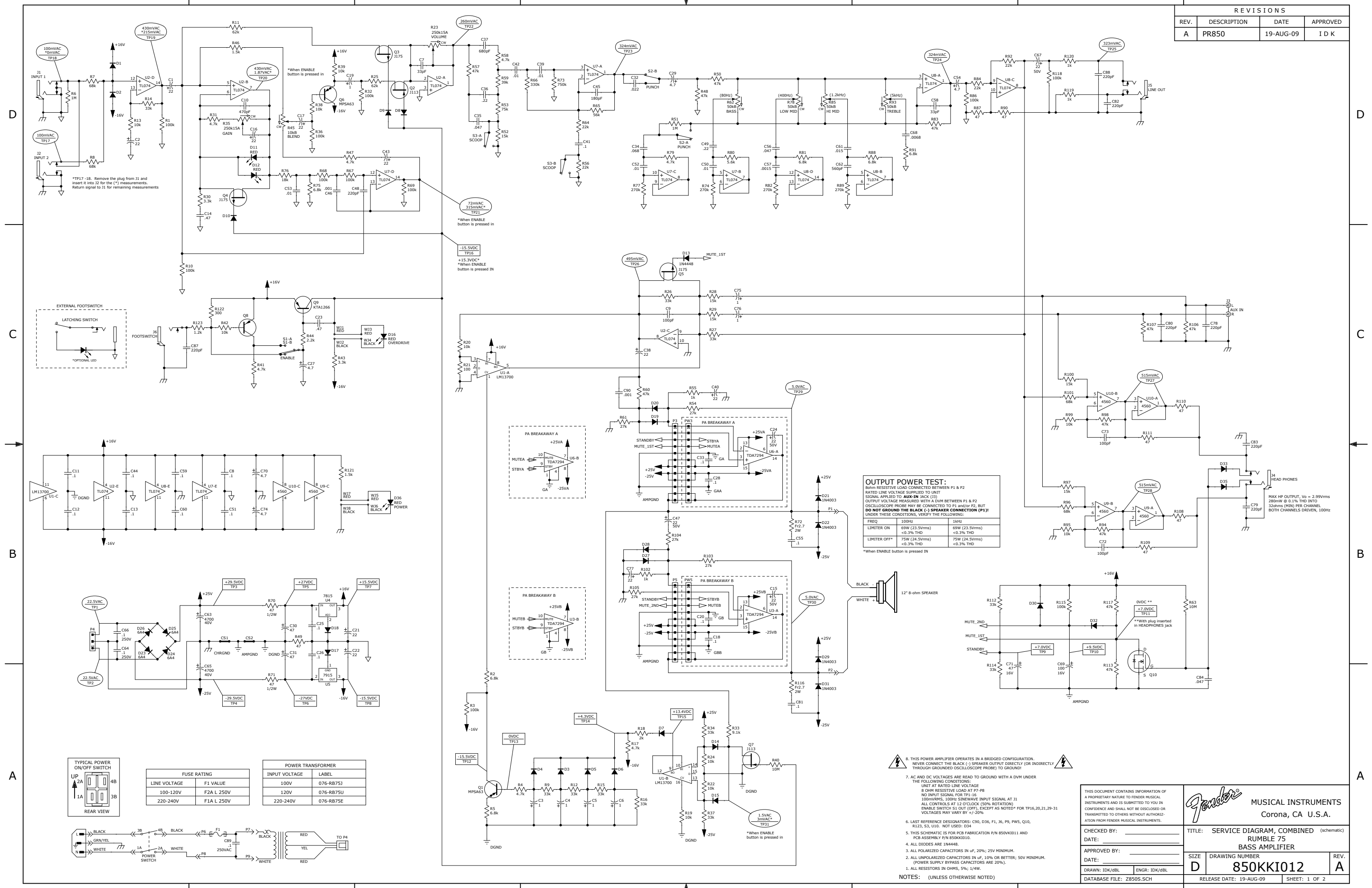


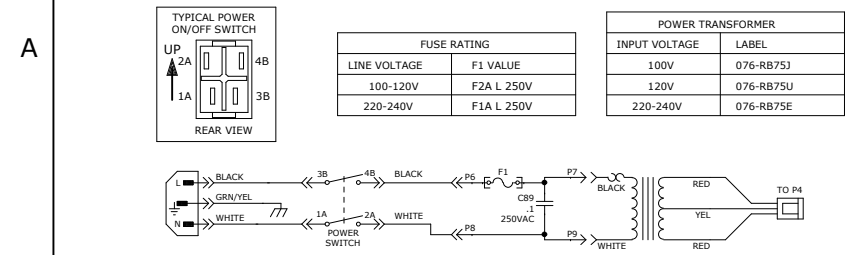
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PR850	19-AUG-09	I D K



OUTPUT POWER TEST:
 8Ω RESISTIVE LOAD CONNECTED BETWEEN P1 & P2
 RATED LINE VOLTAGE SUPPLIED TO UNIT
 SIGNAL APPLIED TO AUX-IN JACK (2)
 OUTPUT VOLTAGE MEASURED WITH A DVM BETWEEN P1 & P2
DO NOT GROUND THE BLACK (-) SPEAKER CONNECTION (P1)!
 UNDER THESE CONDITIONS, VERIFY THE FOLLOWING:

FREQ	LIMITER ON	69W (23.5Vrms)	69W (23.5Vrms)
100Hz	<0.3% THD	<0.3% THD	<0.3% THD
	LIMITER OFF**	73W (24.5Vrms)	73W (24.5Vrms)
		<0.3% THD	<0.3% THD

**When ENABLE button is pressed IN



- NOTES:** (UNLESS OTHERWISE NOTED)
- ALL DIODES ARE 1N4448.
 - ALL POLARIZED CAPACITORS IN uf, 30% MINIMUM. (POWER SUPPLY BYPASS CAPACITORS ARE 20%).
 - ALL UNPOLARIZED CAPACITORS IN uf, 10% OR BETTER; 50V MINIMUM. (POWER SUPPLY BYPASS CAPACITORS ARE 20%).
 - ALL RESISTORS IN OHMS, 5%; 1/4W.
 - THIS SCHEMATIC IS FOR PCB FABRICATION P/N 850K1011 AND PCB ASSEMBLY P/N 850K1010.
 - LAST REFERENCE DESIGNATORS: C90, D36, F1, J6, P9, PWS, Q10, R123, S3, U10. NOT USED: D34
 - AC AND DC VOLTAGES ARE READ TO GROUND WITH A DVM UNDER THE FOLLOWING CONDITIONS:
 UNIT AT RATED LINE VOLTAGE
 8 OHM RESISTIVE LOAD AT P7-P8
 NO INPUT SIGNAL FOR TP1-16
 100mV RMS, 100Hz SINEWAVE INPUT SIGNAL AT J1
 ALL CONTROLS AT 1/2 O'CLOCK (50% ROTATION)
 ENABLE SWITCH S1 OUT (OFF), EXCEPT AS NOTED** FOR TP16,20,21,29-31
 - THIS POWER AMPLIFIER OPERATES IN A BRIDGED CONFIGURATION. NEVER CONNECT THE BLACK (-) SPEAKER OUTPUT DIRECTLY (OR INDIRECTLY THROUGH GROUNDING OSCILLOSCOPE PROBE) TO GROUND!

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.

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

CHECKED BY: _____ DATE: _____
 APPROVED BY: _____ DATE: _____

TITLE: SERVICE DIAGRAM, COMBINED (schematic)
 RUMBLE 75
 BASS AMPLIFIER

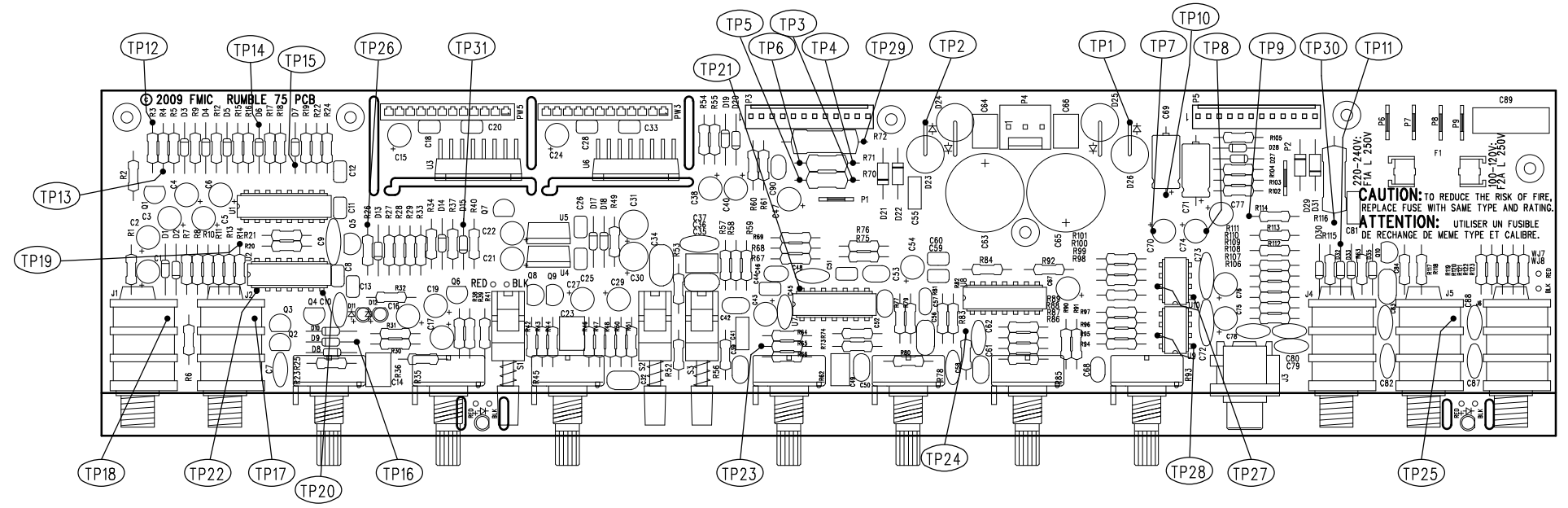
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 DATABASE FILE: Z850S.SCH RELEASE DATE: 19-AUG-09 SHEET: 1 OF 2

8 7 6 5 4 3 2 1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PR850	9-SEP-09	I D K

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D
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B
A



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

FILM/DWG: SERVICE DIAGRAM
 DATABASE: Z850P.PCB DATE: 9-SEP-09

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

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CHECKED BY: _____ DATE: _____		TITLE: SERVICE DIAGRAM, COMBINED (PCB assy) RUMBLE 75 PCB ASSEMBLY	
APPROVED BY: _____ DATE: _____		SIZE C	DRAWING NUMBER 850KK1012
DRAWN: I. KOTHRAD	ENGR: I. KOTHRAD	RELEASE DATE: 9-SEP-09	REV. A
DATABASE FILE: Z850P.PCB		SHEET 2 OF 2	

8 7 6 5 4 3 2 1