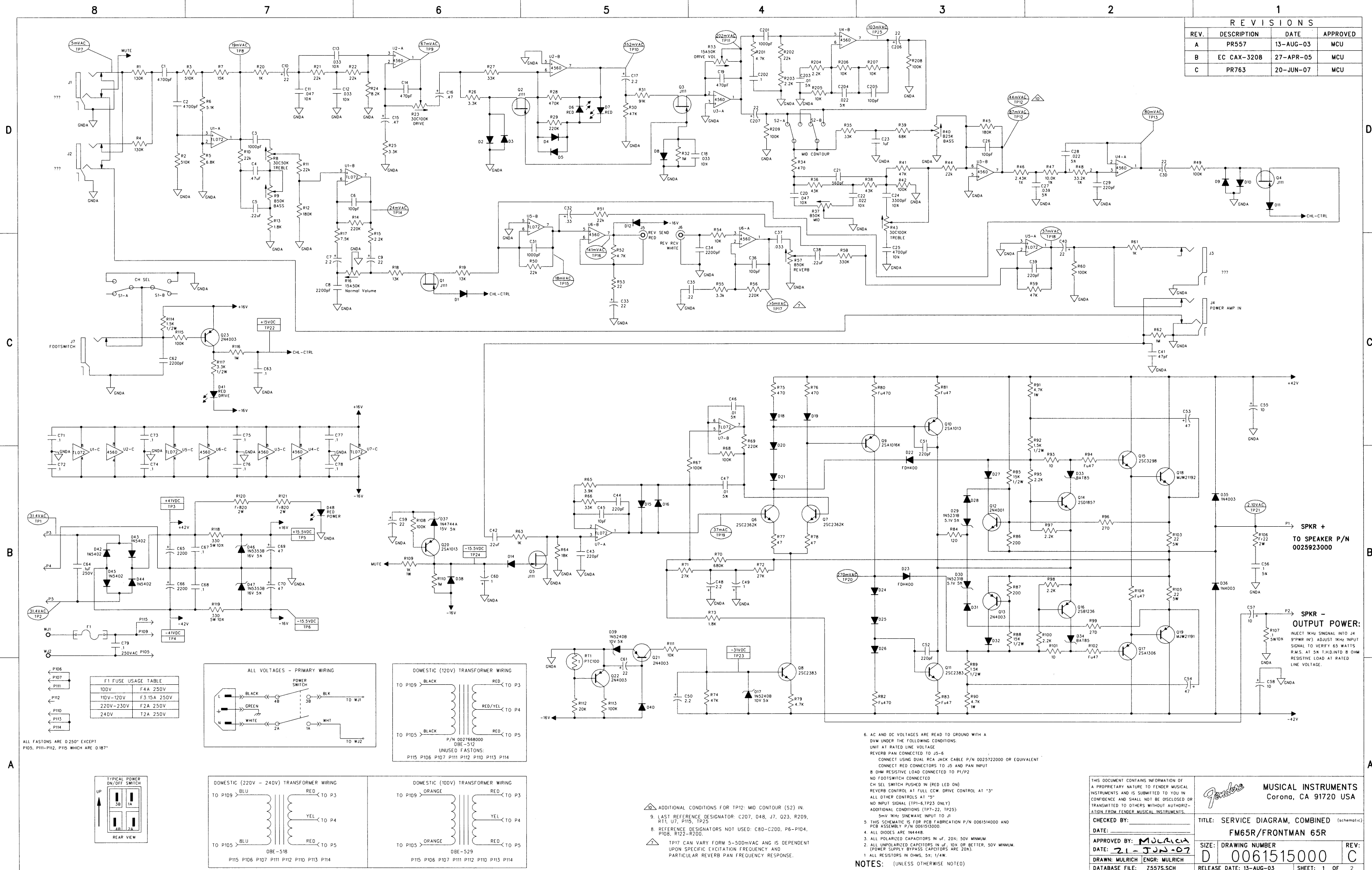
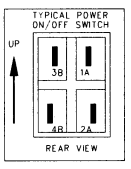
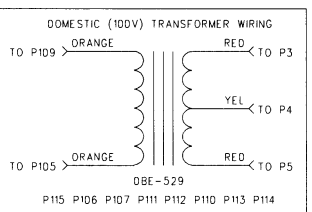
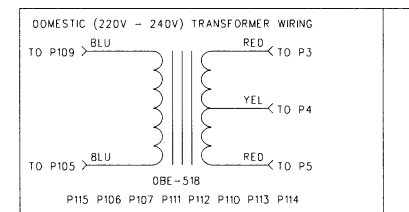
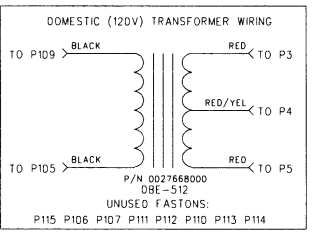
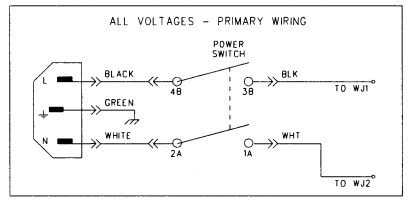


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PR557	13-AUG-03	MCU
B	EC CAX-320B	27-APR-05	MCU
C	PR763	20-JUN-07	MCU



100V	F4A 250V
110V-120V	F3 15A 250V
220V-230V	F2A 250V
240V	T2A 250V



- ADDITIONAL CONDITIONS FOR TP12: MID CONTOUR (S2) IN.
9. LAST REFERENCE DESIGNATOR: C207, D48, J7, Q23, R209, R11, U7, P115, TP25
8. REFERENCE DESIGNATORS NOT USED: C80-C200, P6-P104, P108, R122-R200.
- TP17 CAN VARY FROM 5-500mVAC ANG IS DEPENDENT UPON SPECIFIC EXCITATION FREQUENCY AND PARTICULAR REVERB PAN FREQUENCY RESPONSE.

6. AC AND DC VOLTAGES ARE READ TO GROUND WITH A DVM UNDER THE FOLLOWING CONDITIONS:
 UNIT AT RATED LINE VOLTAGE
 REVERB PAN CONNECTED TO J5-6
 CONNECT USING DUAL RCA JACK CABLE P/N 0025722000 OR EQUIVALENT
 CONNECT RED CONNECTORS TO J5 AND PAN INPUT
 NO FOOTSWITCH CONNECTED
 CH SEL SWITCH PUSHED IN (RED LED ON)
 REVERB CONTROL AT FULL CCW. DRIVE CONTROL AT "3"
 ALL OTHER CONTROLS AT "5"
 NO INPUT SIGNAL (TP1-6, TP23 ONLY)
 ADDITIONAL CONDITIONS (TP7-22, TP25):
 5mV KHZ SINEWAVE INPUT TO J1
 THIS SCHEMATIC IS FOR PCB FABRICATION P/N 0061514000 AND PCB ASSEMBLY P/N 0061513000.
 4. ALL DIODES ARE IN4448
 3. ALL POLARIZED CAPACITORS IN uF, 20%; 50V MINIMUM.
 2. ALL UNPOLARIZED CAPACITORS IN uF, 10% OR BETTER, 50V MINIMUM. (POWER SUPPLY BYPASS CAPACITORS ARE 20X).
 1. ALL RESISTORS IN OHMS, 5%, 1/4W.

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 91720 USA

CHECKED BY: _____
 DATE: _____

APPROVED BY: **MULRICH**
 DATE: **21-JUN-07**

DRAWN: **MULRICH** ENGR: **MULRICH**
 DATABASE FILE: Z5575.SCH

TITLE: SERVICE DIAGRAM, COMBINED (schematic)
FM65R/Frontman 65R

SIZE: DRAWING NUMBER
D 0061515000

REV: **C**

RELEASE DATE: 13-AUG-03 SHEET: 1 OF 2

SPKR +
 TO SPEAKER P/N
 0025923000

SPKR -
 OUTPUT POWER:
 INJECT 1KHZ SIGNAL INTO J4
 9" PWR IN) ADJUST 1KHZ INPUT
 SIGNAL TO VERIFY 65 WATTS
 R.M.S. AT 5% T.H.D. INTO 8 OHM
 RESISTIVE LOAD AT RATED
 LINE VOLTAGE.

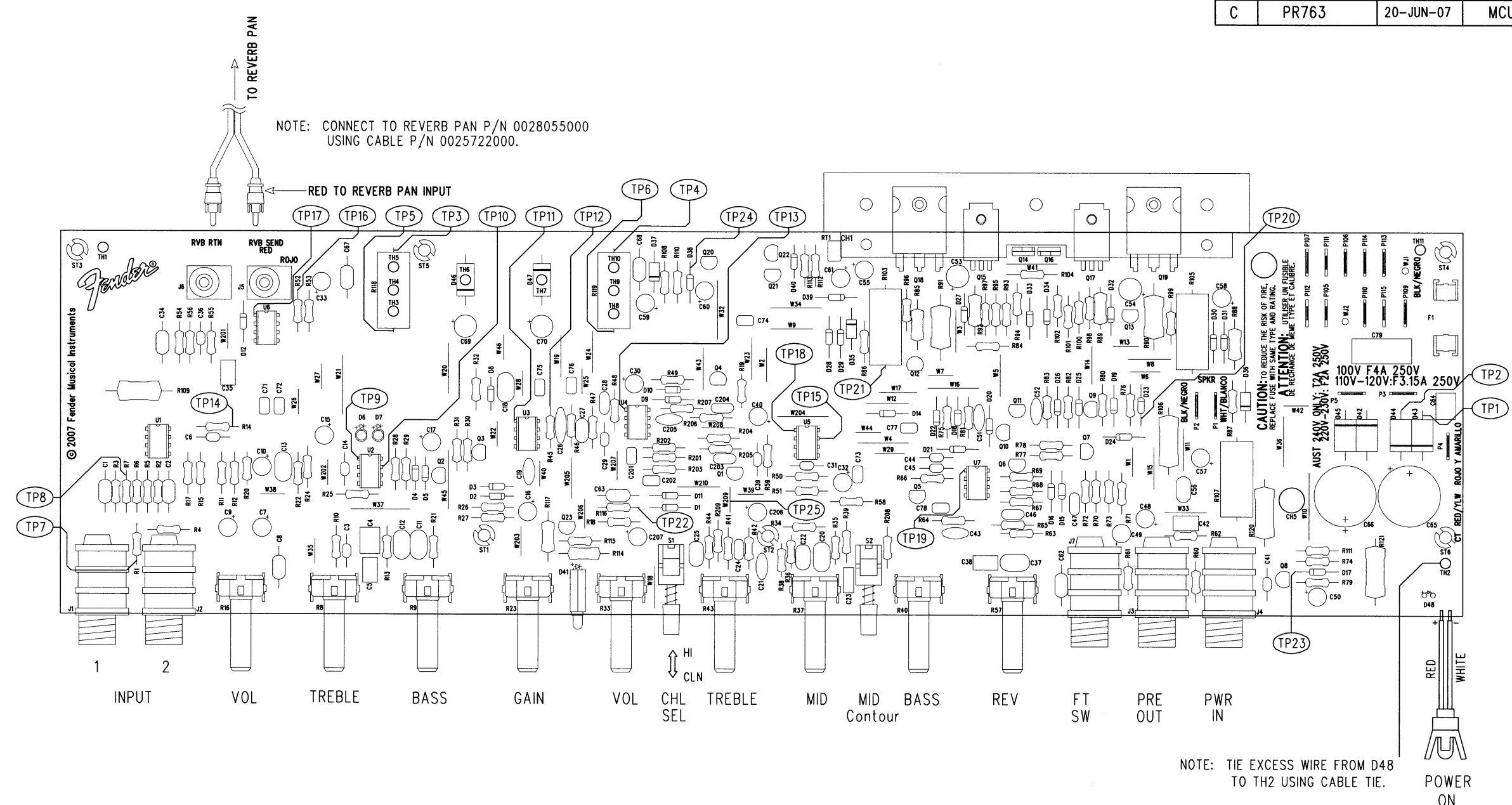
ALL FASTONS ARE 0.250" EXCEPT
 P105, P111-P112, P115 WHICH ARE 0.187"

NOTES: (UNLESS OTHERWISE NOTED)

8 7 6 5 4 3 2 1

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PR557	13-AUG-03	MCU
B	EC CAX-3208	27-APR-05	MCU
C	PR763	20-JUN-07	MCU

D
C
B
A



FILM/DWG: SERVICE DIAGRAM
 DATABASE: Z557P.PCB DATE: 20-JUN-07

1. SEE SHEET 1 FOR PRIMARY, WIRING, TEST CONDITIONS & TEST POINT VALUES.

NOTES: (UNLESS OTHERWISE NOTED)

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CHECKED BY: _____
 DATE: _____

APPROVED BY: MURRAY
 DATE: 21-JUN-07

DRAWN: R.MURRAY ENGR: S.MARSHALL
 DATABASE FILE: Z557P.PCB

Fender MUSICAL INSTRUMENTS
 Corona, CA 91720 USA

TITLE: SERVICE DIAGRAM, COMBINED (PCB assy)
 FM65R/Frontman 65R

SIZE C	DRAWING NUMBER 0061515000	REV. C
RELEASE DATE: 13-AUG-03		SHEET 2 OF 2

8 7 6 5 4 3 2 1