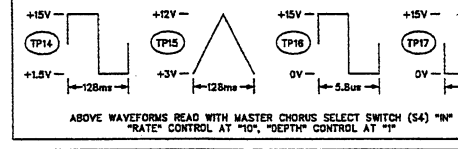
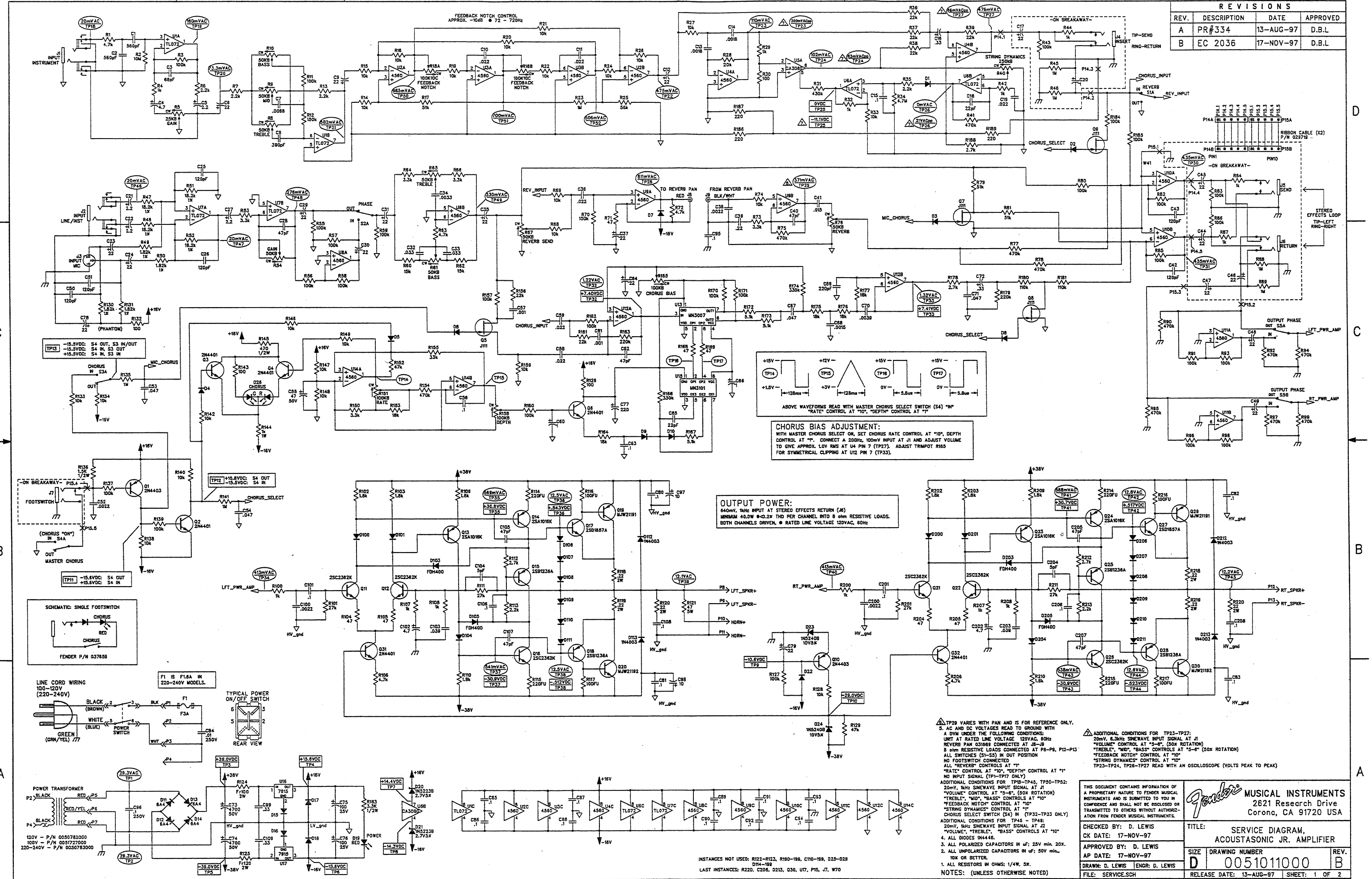


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PR#334	13-AUG-97	D.B.L
B	EC 2036	17-NOV-97	D.B.L



**CHORUS BIAS ADJUSTMENT:**  
WITH MASTER CHORUS SELECT ON, SET CHORUS RATE CONTROL AT "10", DEPTH CONTROL AT "1". CONNECT A 200Hz, 100mV INPUT AT J1 AND ADJUST VOLUME TO GIVE APPROX. 1.0V RMS AT U4 PIN 7 (TP27). ADJUST TRIMPOT R165 FOR SYMMETRICAL CLIPPING AT U12 PIN 7 (TP33).

**OUTPUT POWER:**  
640mW, 16Hz INPUT AT STEREO EFFECTS RETURN (J1)  
MINIMUM 40.0W ±0.2X THD PER CHANNEL INTO 8 ohm RESISTIVE LOADS.  
BOTH CHANNELS DRIVEN, @ RATED LINE VOLTAGE 120VAC, 60Hz.

TP29 VARIES WITH PAN AND IS FOR REFERENCE ONLY.  
5. AC AND DC VOLTAGES READ TO GROUND WITH A DVN UNDER THE FOLLOWING CONDITIONS:  
UNIT AT RATED LINE VOLTAGE 120VAC, 60Hz  
REVERB PAN 031689 CONNECTED AT J1  
8 ohm RESISTIVE LOADS CONNECTED AT J1-P8, P12-P13  
ALL SWITCHES (S1-S5) IN OUT POSITION  
NO FOOTSWITCH CONNECTED  
ALL "REVERB" CONTROLS AT "1"  
"RATE" CONTROL AT "10", "DEPTH" CONTROL AT "1"  
NO INPUT SIGNAL (TP1-TP17 ONLY)  
ADDITIONAL CONDITIONS FOR TP18-TP45, TP50-TP52:  
20mV, 16Hz SINEWAVE INPUT SIGNAL AT J1  
"VOLUME" CONTROL AT "5-5", (50X ROTATION)  
"TREBLE", "MID", "BASS" CONTROLS AT "5-5" (50X ROTATION)  
"FEEDBACK NOTCH" CONTROL AT "10"  
"STRING DYNAMICS" CONTROL AT "1"  
"CHORUS SELECT SWITCH (S4) IN (TP32-TP33 ONLY)  
ADDITIONAL CONDITIONS FOR TP46 - TP48:  
20mV, 16Hz SINEWAVE INPUT SIGNAL AT J2  
"VOLUME", "TREBLE", "BASS" CONTROLS AT "10"  
3. ALL POLARIZED CAPACITORS IN uF: 25V MIN. 20X.  
2. ALL UNPOLARIZED CAPACITORS IN uF: 50V MIN. 10X OR BETTER.  
1. ALL RESISTORS IN OHMS: 1/4W, 5X.  
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 REPRODUCED OR TRANSMITTED TO OTHERS WITHOUT AUTHORIZATION FROM FENDER MUSICAL INSTRUMENTS.

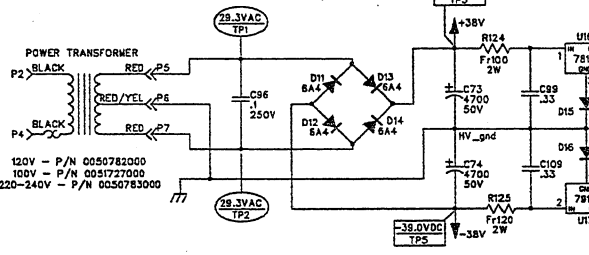
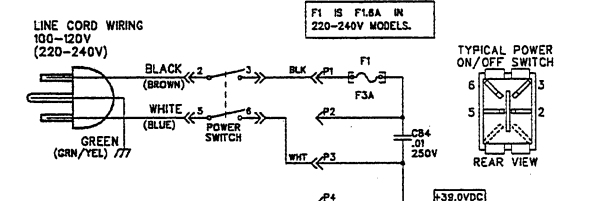
CHECKED BY: D. LEWIS  
CK DATE: 17-NOV-97  
APPROVED BY: D. LEWIS  
AP DATE: 17-NOV-97  
DRAWN: D. LEWIS ENGR: D. LEWIS  
FILE: SERVICE.SCH

**Fender** MUSICAL INSTRUMENTS  
2621 Research Drive  
Corona, CA 91720 USA

TITLE: SERVICE DIAGRAM, ACOUSTASONIC JR. AMPLIFIER

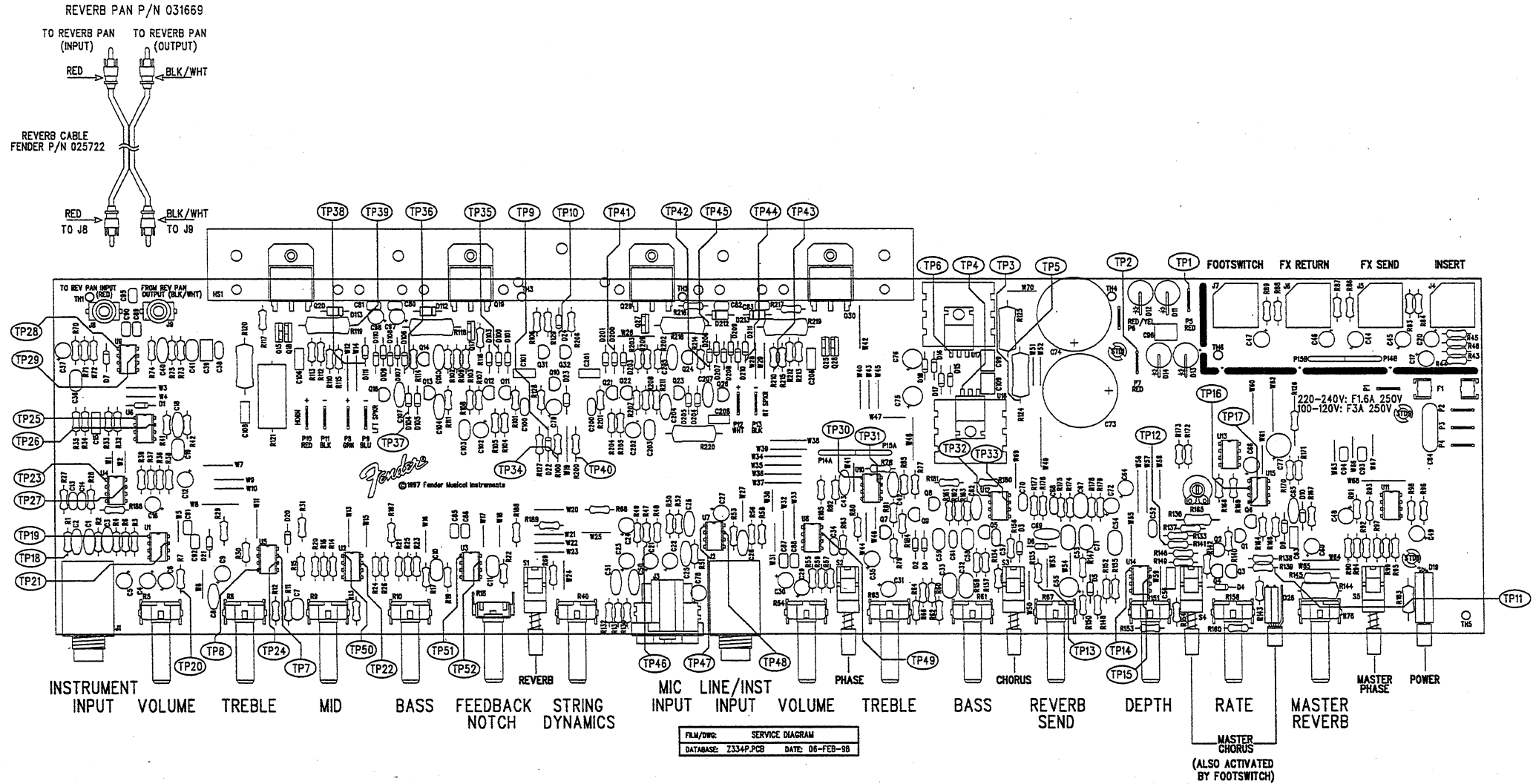
SIZE: DRAWING NUMBER  
**D 0051011000**

RELEASE DATE: 13-AUG-97 SHEET: 1 OF 2



INSTANCES NOT USED: R122-R123, R190-199, C110-199, D25-D28  
D14-199  
LAST INSTANCES: R220, C208, D213, Q30, U7, P15, J7, W70

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PR#334	13-AUG-97	DBL
B	EC 2036	20-NOV-97	DBL



FILM/DWG: SERVICE DIAGRAM  
 DATABASE: Z334P.PCB DATE: 06-FEB-98

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CHECKED BY: D. Lewis CK DATE: 06-FEB-98 APPROVED BY: D. Lewis AP DATE: 06-FEB-98 DRAWN: D. Lewis ENGR: D. Lewis DATABASE FILE: Z334P.PCB	TITLE: SERVICE DIAGRAM ACOUSTASONIC JR. AMPLIFIER SIZE: D DRAWING NUMBER: 0051011000 RELEASE DATE: 13-AUG-97 SHEET 2 OF 2	

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