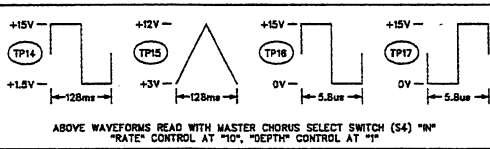
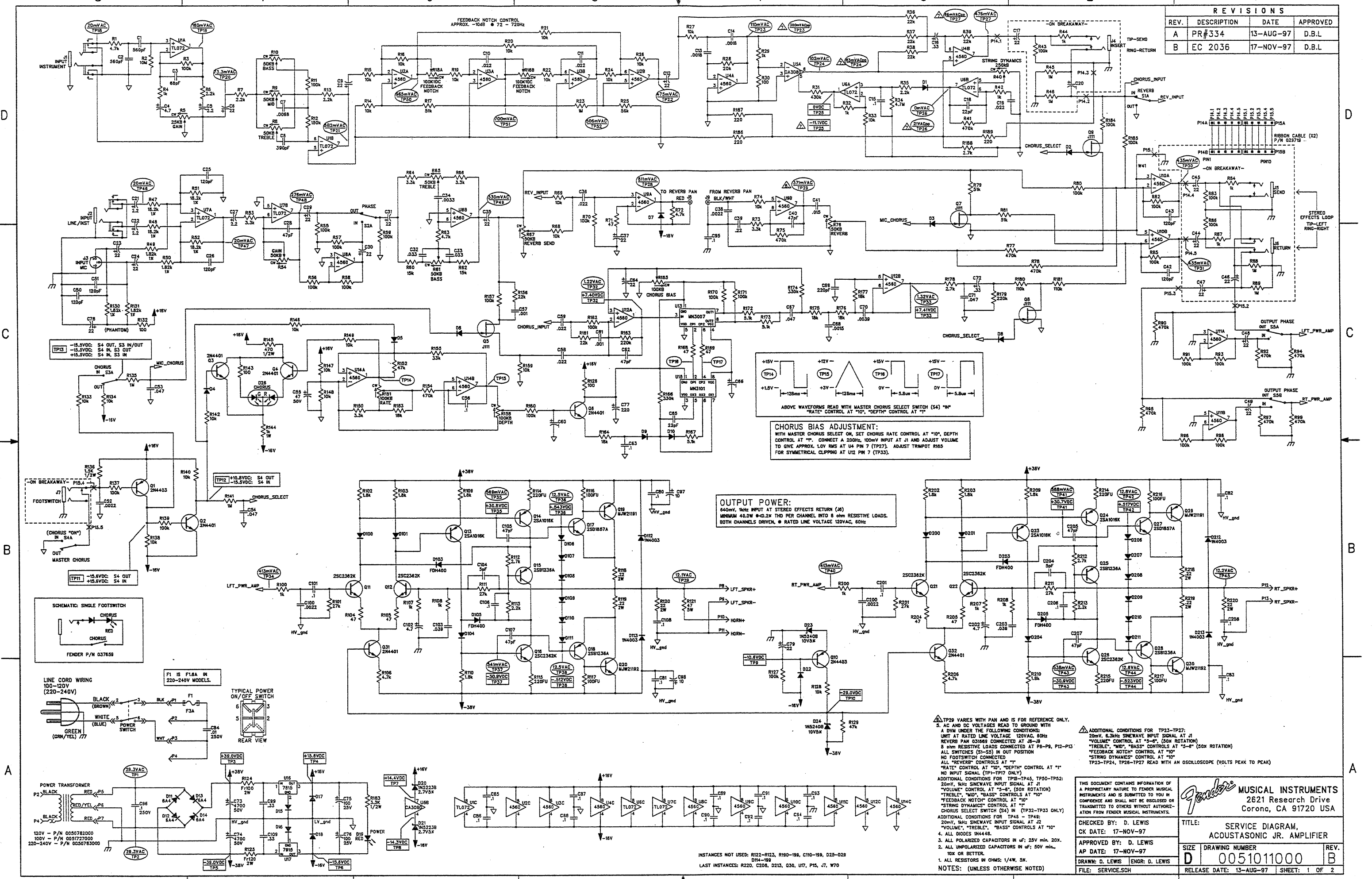


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PR#334	13-AUG-97	D.B.L
B	EC 2036	17-NOV-97	D.B.L



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, 1kHz INPUT AT STEREO EFFECTS RETURN (J1)
 MINIMUM 40.0W ±0.2X THD PER CHANNEL INTO 8 Ω 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:
 20mV, 1kHz SINEWAVE INPUT SIGNAL AT J1
 UNIT AT RATED LINE VOLTAGE 120VAC, 60Hz
 REVERB PAN 031869 CONNECTED AT "R"
 8 Ω RESISTIVE LOADS CONNECTED AT P8-P9, P12-P13
 ALL SWITCHES (S1-S5) IN OUT POSITION
 NO FOOTSWITCH CONNECTED
 ALL "REVERB" CONTROLS AT "T"
 "RATE" CONTROL AT "10", "DEPTH" CONTROL AT "1"
 NO INPUT SIGNAL (TP1-TP17 ONLY)
- ADDITIONAL CONDITIONS FOR TP18-TP24, TP30-TP32:
 20mV, 1kHz SINEWAVE INPUT SIGNAL AT J1
 "TREBLE", "MID", "BASS" CONTROLS AT "5-6" (50X ROTATION)
 "FEEDBACK NOTCH" CONTROL AT "10"
 "STRING DYNAMICS" CONTROL AT "1"
 CHORUS SELECT SWITCH (S4) IN (TP32-TP33 ONLY)
- ADDITIONAL CONDITIONS FOR TP45 - TP48:
 20mV, 1kHz SINEWAVE INPUT SIGNAL AT J2
 "VOLUME", "TREBLE", "BASS" CONTROLS AT "10"
- 3. ALL POLARIZED CAPACITORS IN μF; 25V MIN. 20X.
- 2. ALL UNPOLARIZED CAPACITORS IN μF; 50V MIN. 10X OR BETTER.
- 1. ALL RESISTORS IN OHMS; 1/4W, 5X.

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.

Fender MUSICAL INSTRUMENTS
 2621 Research Drive
 Corona, CA 91720 USA

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

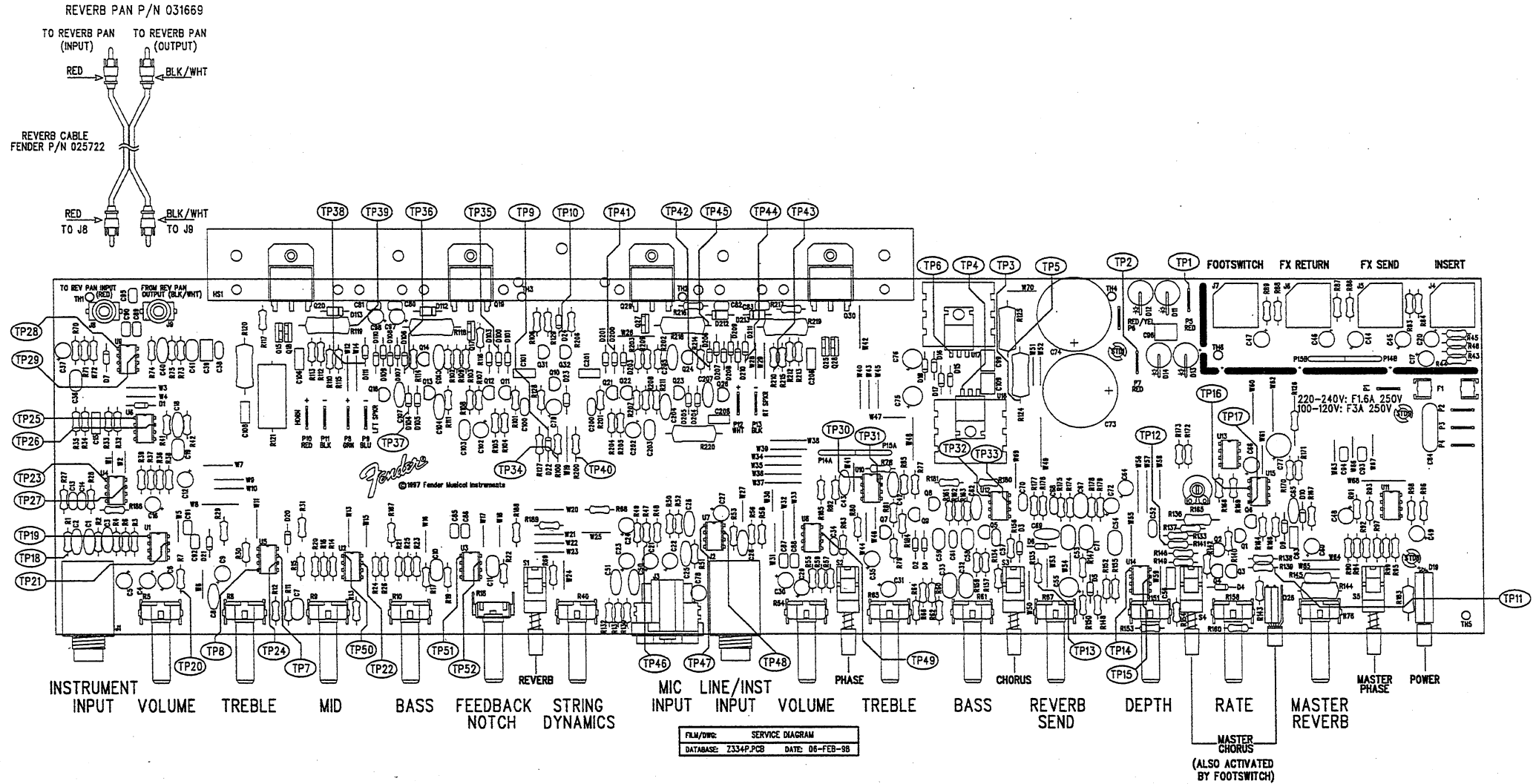
TITLE: SERVICE DIAGRAM, ACOUSTASONIC JR. AMPLIFIER

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

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