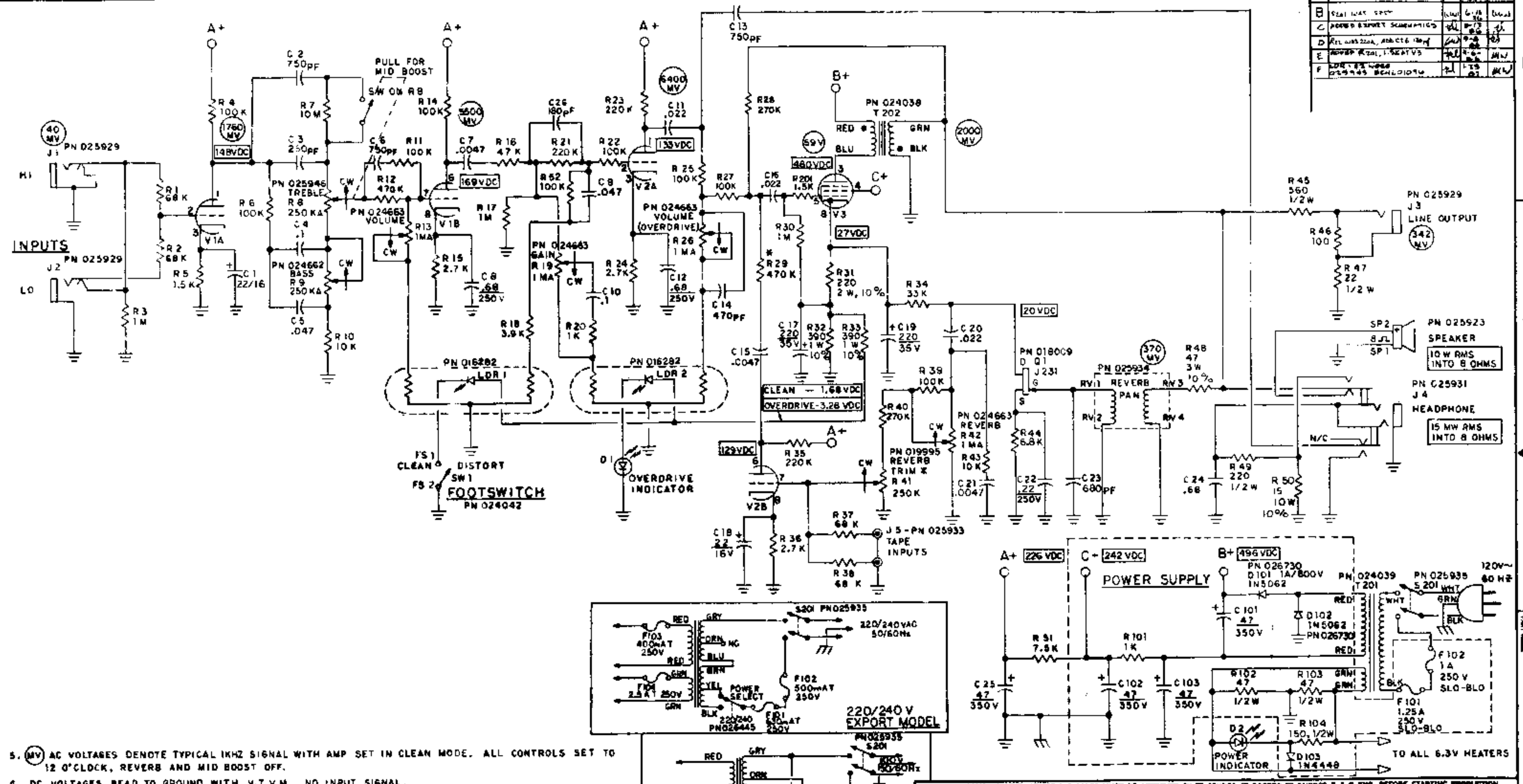


REV	REVISIONS	BY	DATE	APPR.
A	RELEASE	TD	7-15-58	ML
B	REAR WAT. SPEC	ML	6-18-58	ML
C	ADDED EXPERT SCHEMATIC	ML	6-17-58	ML
D	REL. WAT. SPEC. ADJUST. 10W	ML	6-18-58	ML
E	ADDED REAR I. SEAT V.S	ML	6-18-58	ML
F	LDR - 1.5 WATT 250V 10% 250V 10% 250V 10%	ML	1-18-59	ML



5. (MV) AC VOLTAGES DENOTE TYPICAL 1KHZ SIGNAL WITH AMP SET IN CLEAN MODE. ALL CONTROLS SET TO 12 O'CLOCK, REVERB AND MID BOOST OFF.

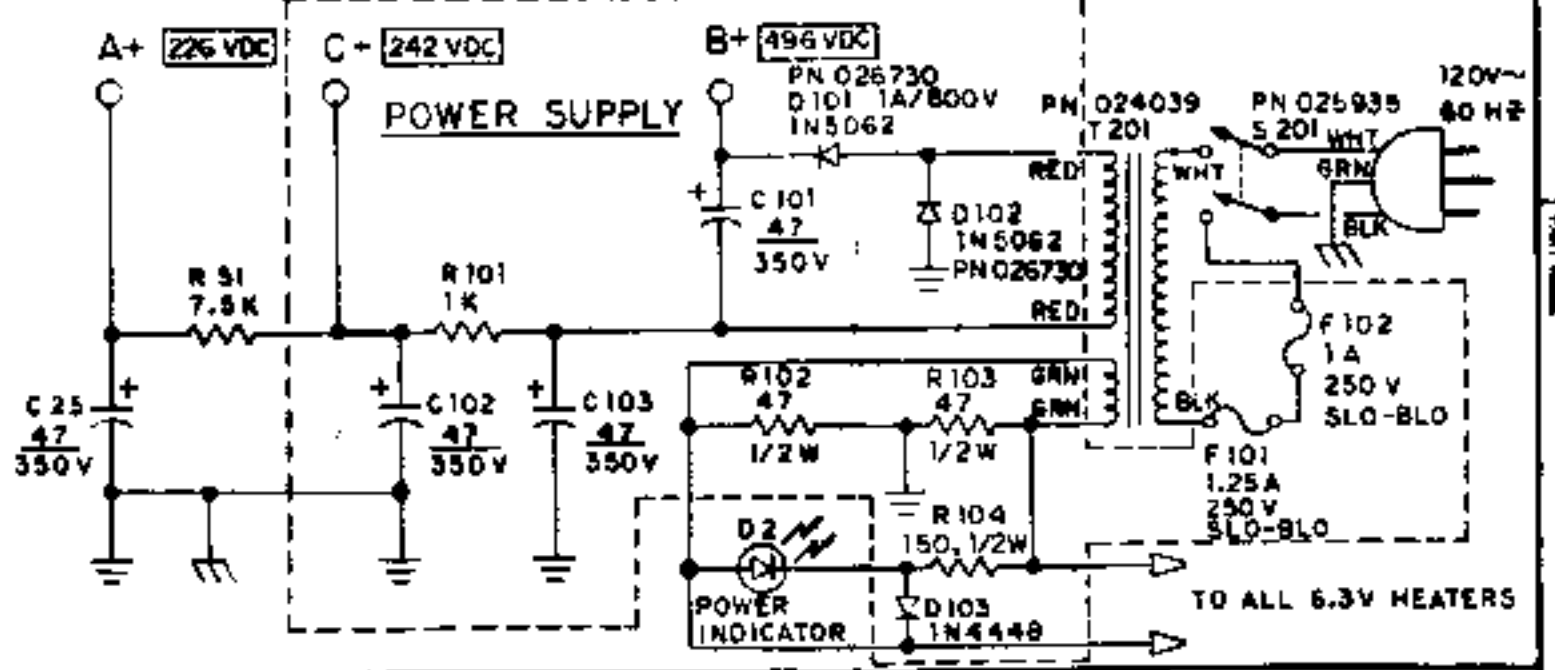
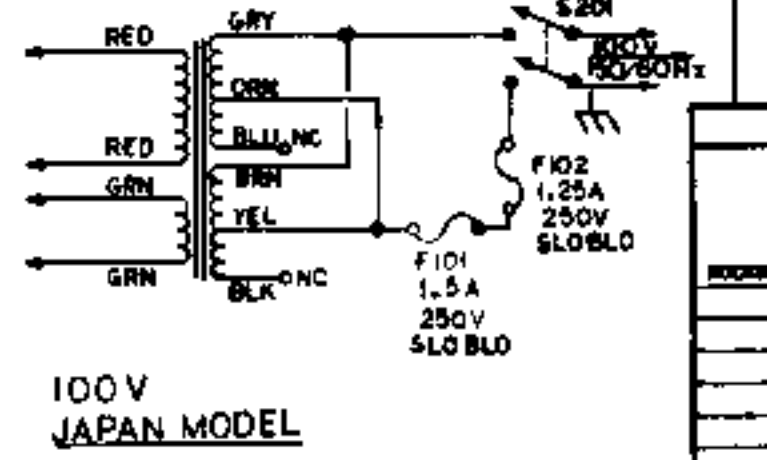
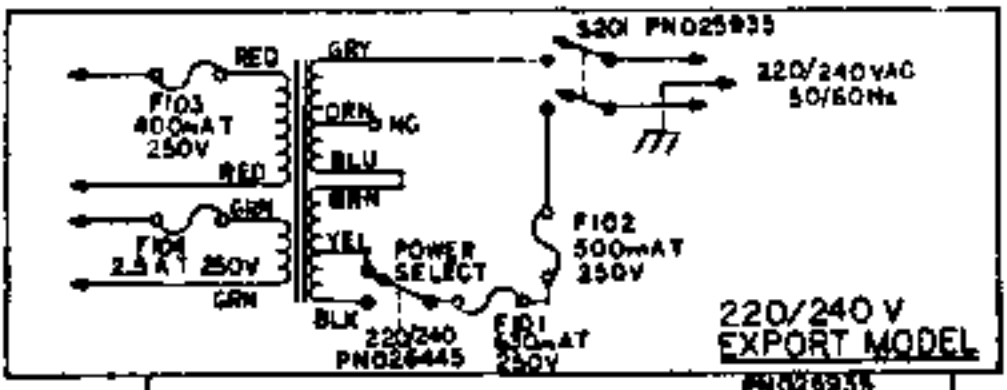
4. DC VOLTAGES READ TO GROUND WITH V.T.V.M. NO INPUT SIGNAL.

3. SIX DIGIT NUMBERS ARE FENDER PART NUMBERS.

2. ALL CAPACITORS 400V MIN. } EXCEPT AS NOTED.

1. ALL RESISTORS 1/4 W, ±5 % }

* REVERB RETURN LEVEL CALIBRATION PROCEDURE: PARALLEL R 29 (470K) WITH A 1 MEG. 1/4 W, ±5 % RESISTOR. PLUG HEADPHONES INTO HEADPHONE JACK, SET FRONT PANEL REVERB FULL CW, (TO 10), INPUT INSTRUMENT OR GATED TEST SIGNAL ≈ 1KHZ IN CLEAN MODE AND ADJUST TRIM R 41 SO THAT AMPLIFIER WILL BE ON THE THRESHOLD OF OSCILLATION THROUGH THE REVERB. DISCONNECTION OF THE 1MEG RESISTOR ACROSS R 29 SHOULD CAUSE THE OSCILLATION TO DECAY AWAY. THIS COMPLETES CALIBRATION.



SAMPLES OF FIRST ARTICLE PARTS MUST BE APPROVED BY FENDER ROGERS RHODES R & O ENGS. BEFORE STARTING PRODUCTION				
TEST TREATMENT	UNLESS OTHERWISE SPECIFIED	DWN	ML	3/12/58
ROCKWELL		CHE	R. Williams	3/12/58
		APP	ML	3/12/58
		APP	R. Williams	3/12/58
		MATERIAL		
NEXT ASBY NO.	USED ON	DO NOT SCALE DRAWING		
Fender / ROGERS / Rhodes				
OUR SPECIAL EQUIPMENT IS A DIVISION OF GEN. INC. FULLERON, CALIFORNIA, U.S.A.				
SCHEMATIC - CHAMP 12				
RELEASE	SIZE	PART NO.	REV	
3-19-58	D	025836	F	
SCALE	MODEL	NO.		
N/A				

00261902