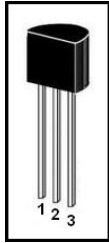
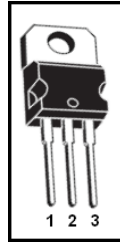




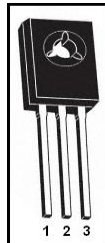
# TRANSISTOR PINOUTS



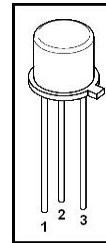
I.



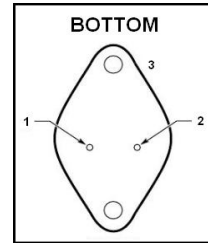
II.



III.



IV.



V.

## WURLITZER 140B

	ORIGINAL TRANSISTOR			
	PKG	Pinout		
		1	2	3
TR1 / 68	I.	E	C	B
TR2 / 69	I.	E	C	B
TR3 / 73	I.	E	C	B
TR4 / 70	I.	E	C	B
TR5 / 71	V.	E	B	C
TR6 / 72	V.	E	B	C

	REPLACEMENT TRANSISTOR			
	PKG	Pinout		
		1	2	3
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
V.	E	B	C	
V.	E	B	C	

\* The schematic numbers are respective of two schematics.

The first number correspond to the schematic dated MARCH 1, 1965 (Serial # starting 27501)

The second number corresponds to the schematic dated JUNE 1, 1966 (Serial # starting 29091)

## WURLITZER 200

	ORIGINAL TRANSISTOR			
	PKG	Pinout		
		1	2	3
TR1	I.	E	C	B
TR2	I.	E	C	B
TR3	I.	E	C	B
TR4	I.	E	C	B
TR5	I.	E	C	B
TR6	I.	E	C	B
TR7	I.	E	C	B
*If TR8, 9 and 10 are soldered directly to the PCB:				
TR8	II.	E	C	B
TR9	II.	E	C	B
TR10	II.	E	C	B
*If TR8, 9 and 10 are soldered by wire to the PCB:				
TR8	II.	B	C	E
TR9	II.	B	C	E
TR10	II.	B	C	E

	REPLACEMENT TRANSISTOR			
	PKG	Pinout		
		1	2	3
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
-----				
II.	B	C	E	
II.	B	C	E	
II.	B	C	E	
-----				
II.	B	C	E	
II.	B	C	E	
II.	B	C	E	

## WURLITZER 200A

	ORIGINAL TRANSISTOR			
	PKG	Pinout		
		1	2	3
TR1*	I.	E	B	C
TR2*	I.	E	B	C
TR3	I.	E	B	C
TR4	I.	E	B	C
TR5	I.	E	B	C
TR6	I.	E	B	C
TR7	I.	E	B	C
TR8	I.	E	B	C
TR9	I.	E	B	C
TR10	I.	E	B	C
TR11	II.	B	C	E
TR12	I.	E	B	C
TR13	II.	B	C	E
TR14	I.	E	B	C
TR15**	I.	E	B	C
TR16**	I.	E	B	C

	REPLACEMENT TRANSISTOR			
	PKG	Pinout		
		1	2	3
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	
II.	B	C	E	
I.	E	B	C	
II.	B	C	E	
I.	E	B	C	
I.	E	B	C	
I.	E	B	C	

\* TR1 & TR2 are located on the preamplifier PCB.

\*\* Late production Aux. Output circuit started with serial number 102905. If your piano falls after this number, use TR15 LATE & TR16 LATE.

## PETERSON PREAMPLIFIER

	ORIGINAL TRANSISTOR			
	PKG	Pinout		
		1	2	3
	I.	E	C	B
	IV.	C	B	E

	REPLACEMENT TRANSISTOR			
	PKG	Pinout		
		1	2	3
I.	E	B	C	
IV.	C	B	E	

## PETERSON AMP MODULE

	ORIGINAL TRANSISTOR			
	PKG	Pinout		
		1	2	3
2N3391A	I.	E	C	B
2N3405	I.	E	C	B
120725*	V.	E	B	C

	REPLACEMENT TRANSISTOR			
	PKG	Pinout		
		1	2	3
I.	E	B	C	
I.	E	C	B	
V.	E	B	C	

\* When replacing germanium outputs with silicone, also replace 2.7R resistors with 12R 1W.

## PETERSON POWER SUPPLY

	ORIGINAL TRANSISTOR			
	PKG	Pinout		
		1	2	3
2N3392	I.	E	C	B
2N2924	I.	E	C	B

	REPLACEMENT TRANSISTOR			
	PKG	Pinout		
		1	2	3
I.	E	B	C	
I.	E	B	C	

## JANUS PREAMPLIFIER - SLIDERS

	ORIGINAL TRANSISTOR			
	PKG	Pinout		
		1	2	3
Q1	I.	E	C	B

	REPLACEMENT TRANSISTOR			
	PKG	Pinout		
		1	2	3
I.	E	B	C	

## JANUS PREAMPLIFIER - 5 KNOBS

	ORIGINAL TRANSISTOR			
	PKG	Pinout		
		1	2	3
Q1	I.	E	B	C

	REPLACEMENT TRANSISTOR			
	PKG	Pinout		
		1	2	3
I.	E	B	C	

## JANUS AMP MODULE

	ORIGINAL TRANSISTOR			
	PKG	Pinout		
		1	2	3
Q1	IV.	C	B	E
Q2	IV.	C	B	E
Q3	IV.	C	B	E
Q4	IV.	C	B	E
Q5	IV.	C	B	E
Q6	II.	B	C	E
Q7	II.	B	C	E

	REPLACEMENT TRANSISTOR			
	PKG	Pinout		
		1	2	3
I.	E	B	C	
III.	E	C	B	
I.	E	B	C	
III.	E	C	B	
III.	E	C	B	
II.	B	C	E	
II.	B	C	E	

## CLAVINET C

	ORIGINAL TRANSISTOR			
	PKG	Pinout		
		1	2	3
T1	I.	E	B	C
T2	I.	E	B	C

	REPLACEMENT TRANSISTOR			
	PKG	Pinout		
		1	2	3
I.	E	B	C	
I.	E	B	C	

## CLAVINET D6

	ORIGINAL TRANSISTOR			
	PKG	Pinout		
		1	2	3
BC550C	I.	C	B	E
BC148B	I.	C	B	E

	REPLACEMENT TRANSISTOR			
	PKG	Pinout		
		1	2	3
I.	C	B	E	
I.	E	B	C	

## CLAVINET E7

	ORIGINAL TRANSISTOR			
	PKG	Pinout		
		1	2	3
BC550C	I.	C	B	E
BC238	I.	C	B	E

	REPLACEMENT TRANSISTOR			
	PKG	Pinout		
		1	2	3
I.	C	B	E	
I.	E	B	C	