

JC-120/JC-120A **R&P**, JC-160

SERVICE NOTES

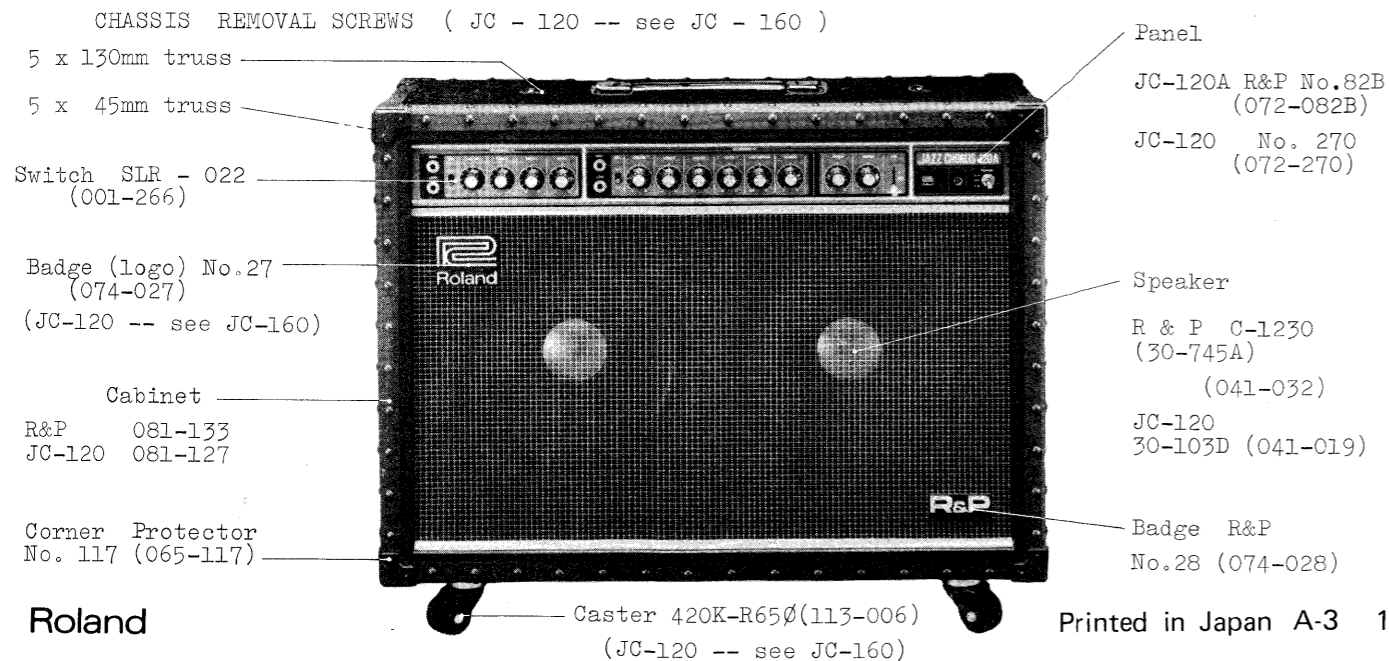
APPLICABLE TO FOLLOWING SERIAL NUMBERS

JC-120 _____ **789500 and up**
JC-120A R&P _____ **810600 and up** *Fourth Edition*
JC-160 _____ **782921 and up**

SPECIFICATIONS

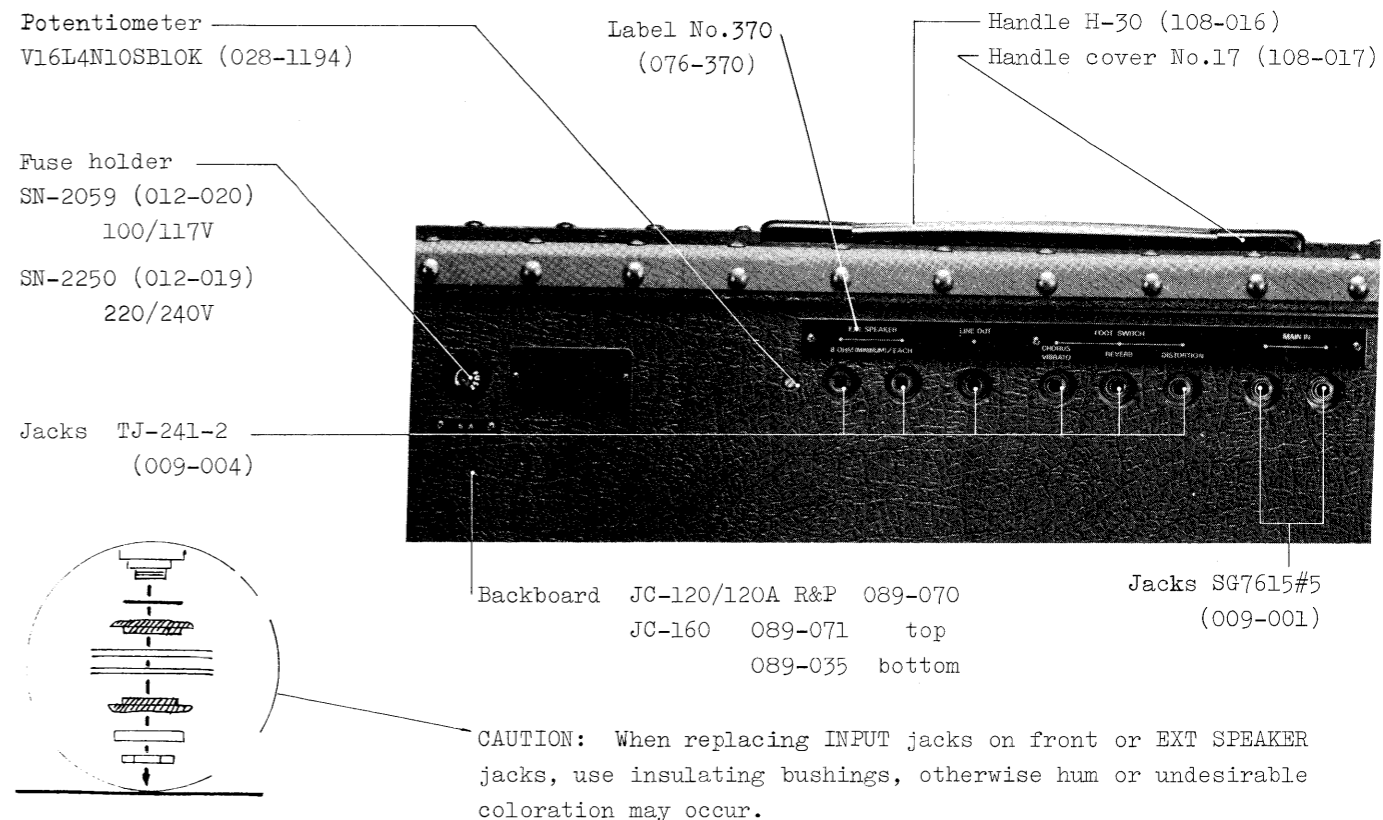
OUTPUT POWER -----	22V RMS	per channel	into 8-ohm
INPUT SENSITIVITY -----	HIGH	LOW	MAIN IN
	22mV	72mV	700mV
	38mV		@ 1kHz
	11mV		@ 100Hz
INPUT IMPEDANCE -----	220k-ohm	82k-ohm	@ 1kHz MAIN IN
LINE OUTPUT -----	Level	100mV	@ 1kHz IMPEDANCE
RESIDUAL NOISE -----	9---20mV	per channel (varies with controls setting)	
TONE CONTROL RANGE -----	TREBLE	38dB	@ 10kHz
	MIDDLE	2dB	@ 1kHz
	BASS	18dB	@ 100Hz
	BRIGHT	4dB	@ 10kHz
POWER CONSUMPTION -----	500VA	VOLUME at center	
DIMENSIONS -----	JC-120	750W x 540H x 270Dmm(29.6 x 21.2 x 10.6 in.)	
	JC-120A R & P	774W x 634H x 270Dmm(30.5 x 25 x 10.6 in.)	
	JC-160	750W x 700H x 240/300Dmm(29.5x27.6x94/11.8 in.)	
WEIGHT -----	JC-120	28Kg (62 lbs)	JC-120A R&P 40Kg(88 lbs)
	JC-160	35Kg (77 lbs)	

JC-120/JC-120A R&P (Photo)

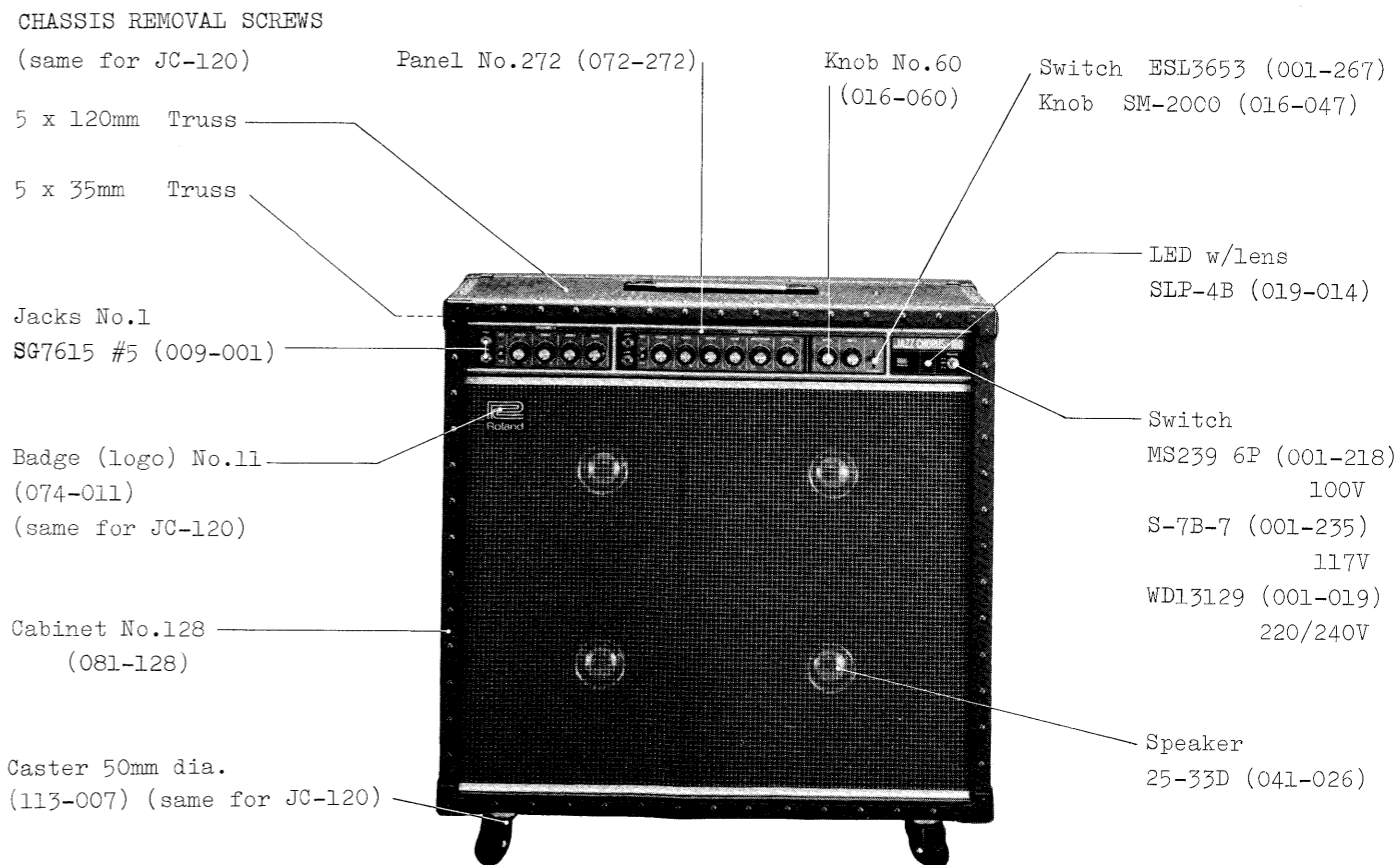


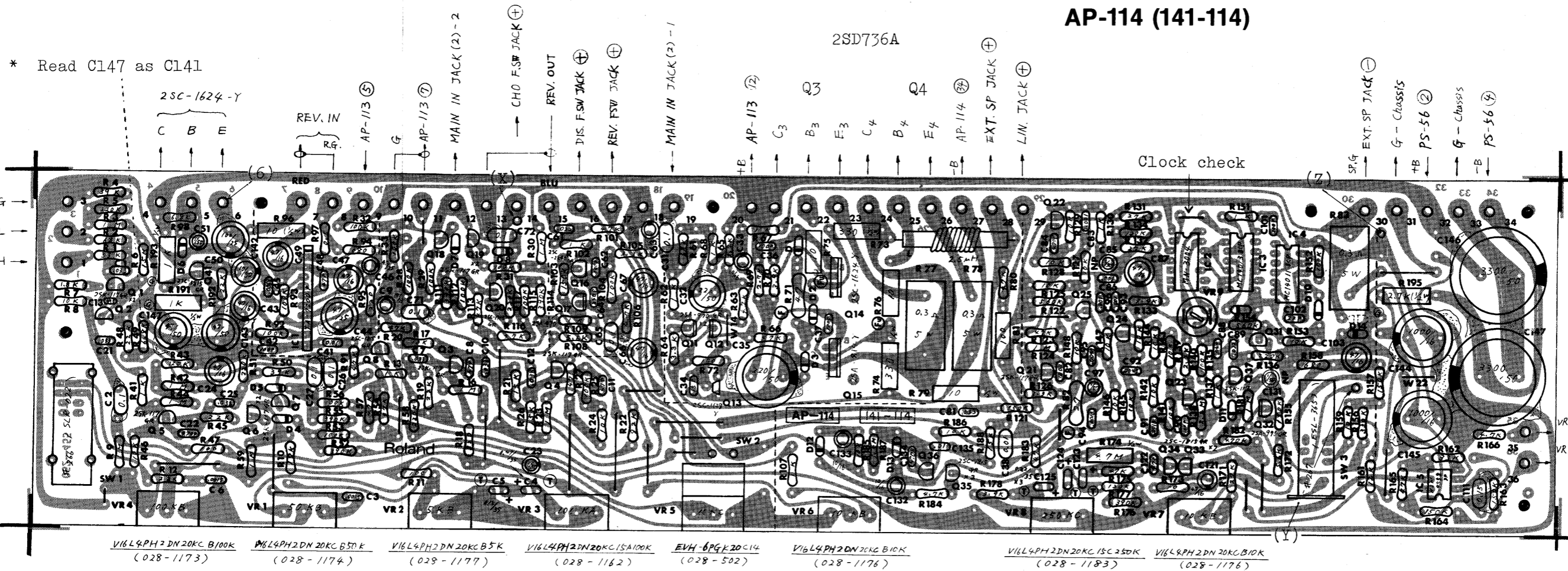
PART COMMON TO JC-120, JC-120A R&P and JC-160

PARTS COMMON to ALL THREE MODELS are only once rather than being shown in each photograph.



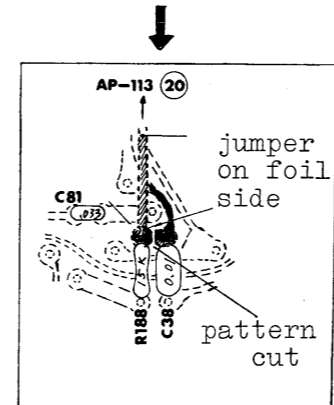
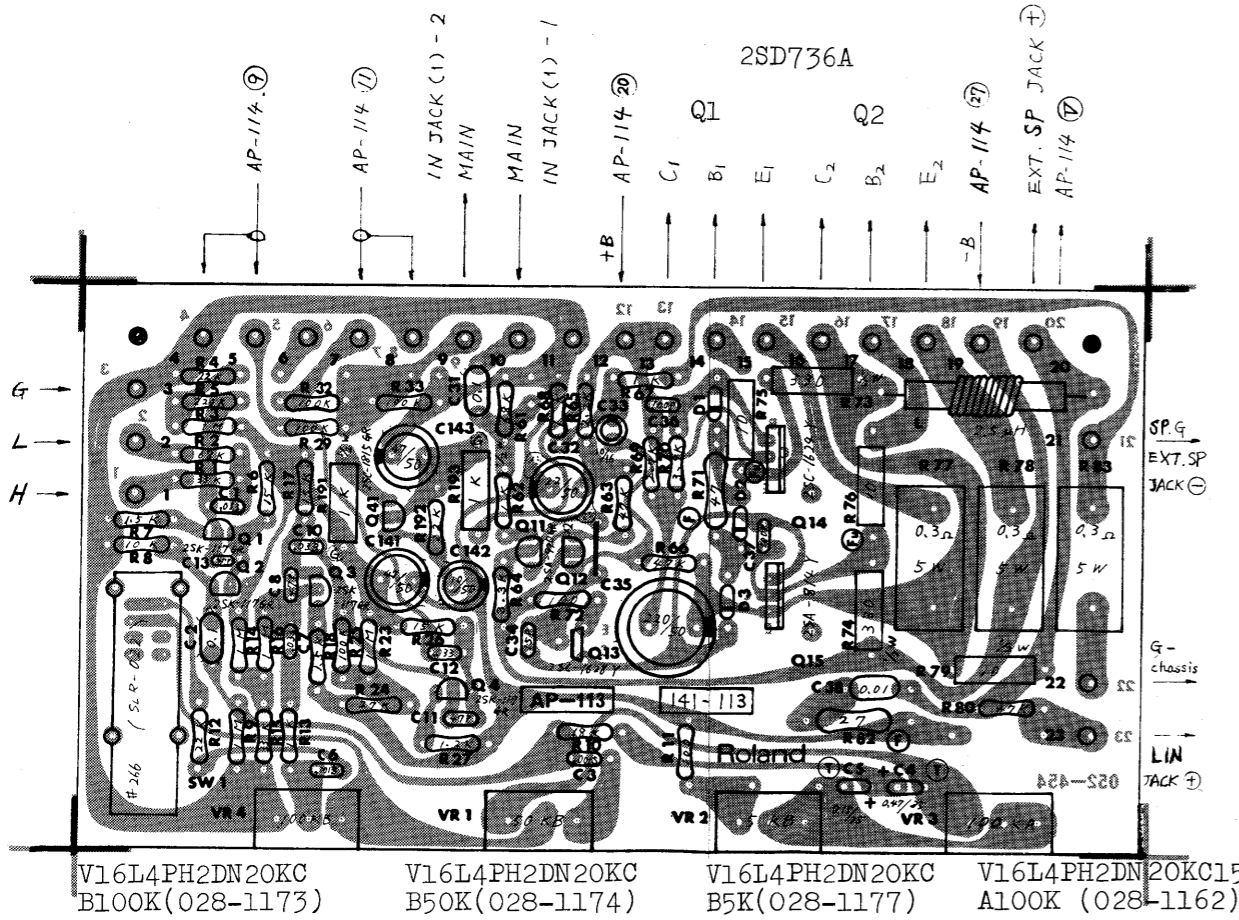
JC-160





NOTE: AP-114 (X)--(Y) jumper wired (6)--(Z)

AP-113 (141-113)



CHECKING & ADJUSTMENT

CHORUS ADJUSTMENT

Adjust VR1 (rear panel) for 1.3 sec (0.77Hz) at R161

25V pp

(AP-114)

SENSITIVITY

Chorus starts to effect with 100mV rms output at channel 1 speaker

BBD OUTPUT ADJUSTMENT

Clock Composition Elimination

Adjust VR9 (trimpot) for fig. at R137(AP-114)

CLOCK OSCILLATOR

15V pp

Vibrato 65k - 130kHz

Chorus 50k - 220kHz

Sweep Range at IC3 pin 1 (CP-2)

VIBRATO OSCILLATOR

25V pp

Frequency at Q33 C 1.8 - 9Hz

PS-56 (146-056)

