

RECORDER—KS-20571
PIECE-PART DATA AND REPLACEMENT PROCEDURES
FOR RECTIFIER—KS-20573

1. GENERAL

1.01 This section covers the information necessary for ordering replacement parts used in maintenance of the KS-20573 rectifier.

1.02 Whenever this section is reissued, the reason for reissue will be listed in this paragraph.

1.03 Piece parts, other than mounting hardware, which can be replaced in the field are listed in the index at the end of Part 2. These parts are identified on illustrations which appear in Part 2. No text references are listed for replacement procedures that are obvious and consist of a simple operation.

1.04 The illustrations used in this issue were made from a laboratory model of the KS-20573 rectifier. The appearances of the production version of this rectifier may vary slightly.

2. PIECE-PART DATA

2.01 The illustrations in this part show the various piece-parts in their approximate relation to other parts of the rectifier. The piece-part numbers of the various items are given with their names as listed by the service center.

2.02 When ordering replacement parts, give both the piece-part number and the name of the part; for example, L-509280 Circuit Pack.

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KS-20573 RECTIFIER PIECE-PART REPLACEMENTS

FIGURE NUMBER	PIECE PART	NOMENCLATURE	DESIGNATION
2	KS-20133 L7	Capacitor	C2, C3
2	KS-20133 L18	Capacitor	C4.1, C4.2
1	KS-20133 L19	Capacitor	C5
1	KS-20133 L22	Capacitor	C6.1, C6.2 C6.3, C7
2	KS-20588 L7	Capacitor	C1
1	KS-20588 L8	Capacitor	C8
1	L-509280	Circuit Pack	CP1
2	KS-19226 L2	Diode	CR1, CR2
2	KS-19226 L9	Diode	CR3.1 through CR3.4
1	492A	Diode	CR4, CR5
1	7561 K4 DD-ST (Culter Hammer Manufacturing Company)	Toggle Switch	S1
1	KS-20248 L3	Transistor	Q1, Q3

NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

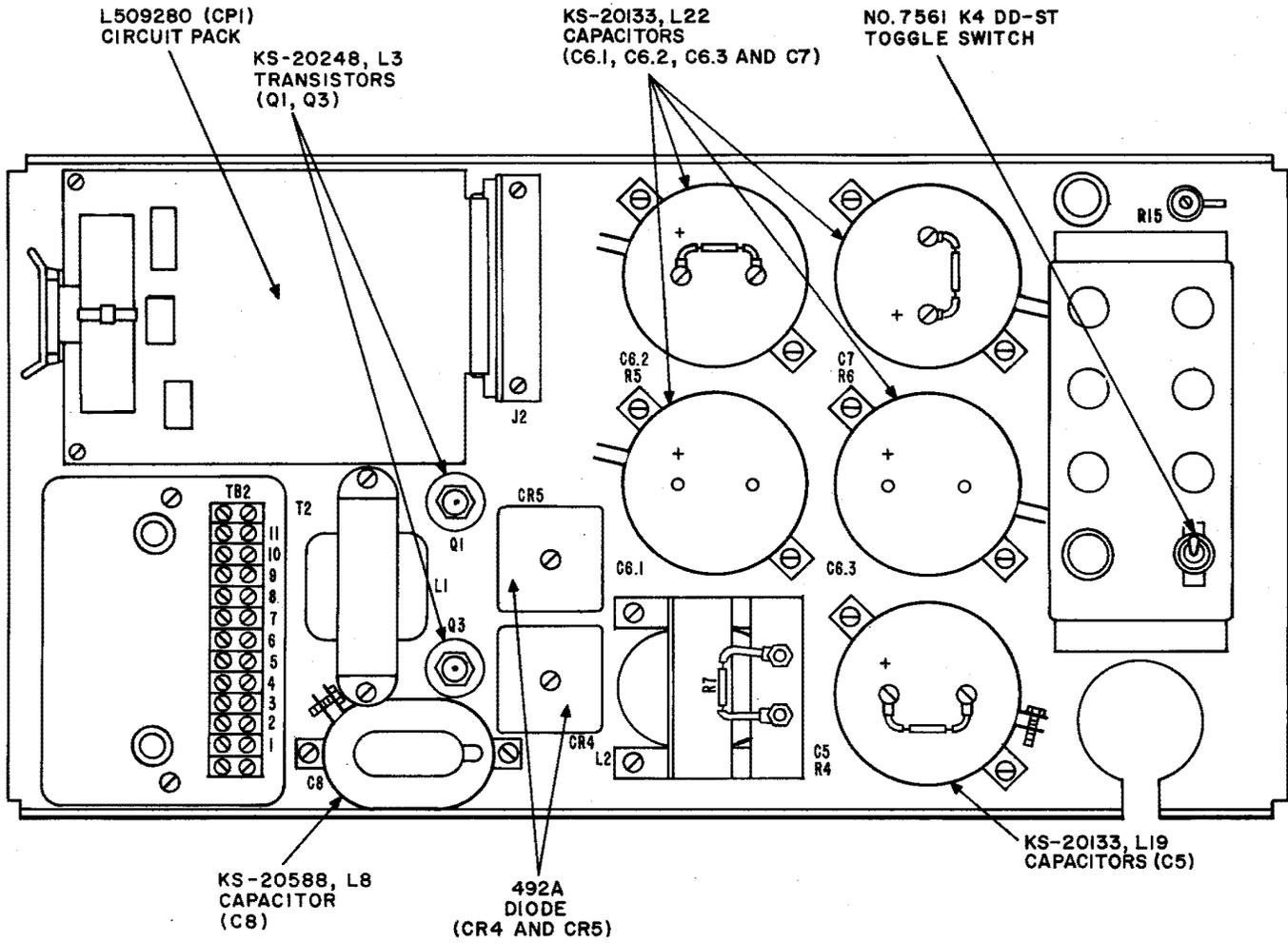


Fig. 1—KS-20573 Rectifier (Top View)

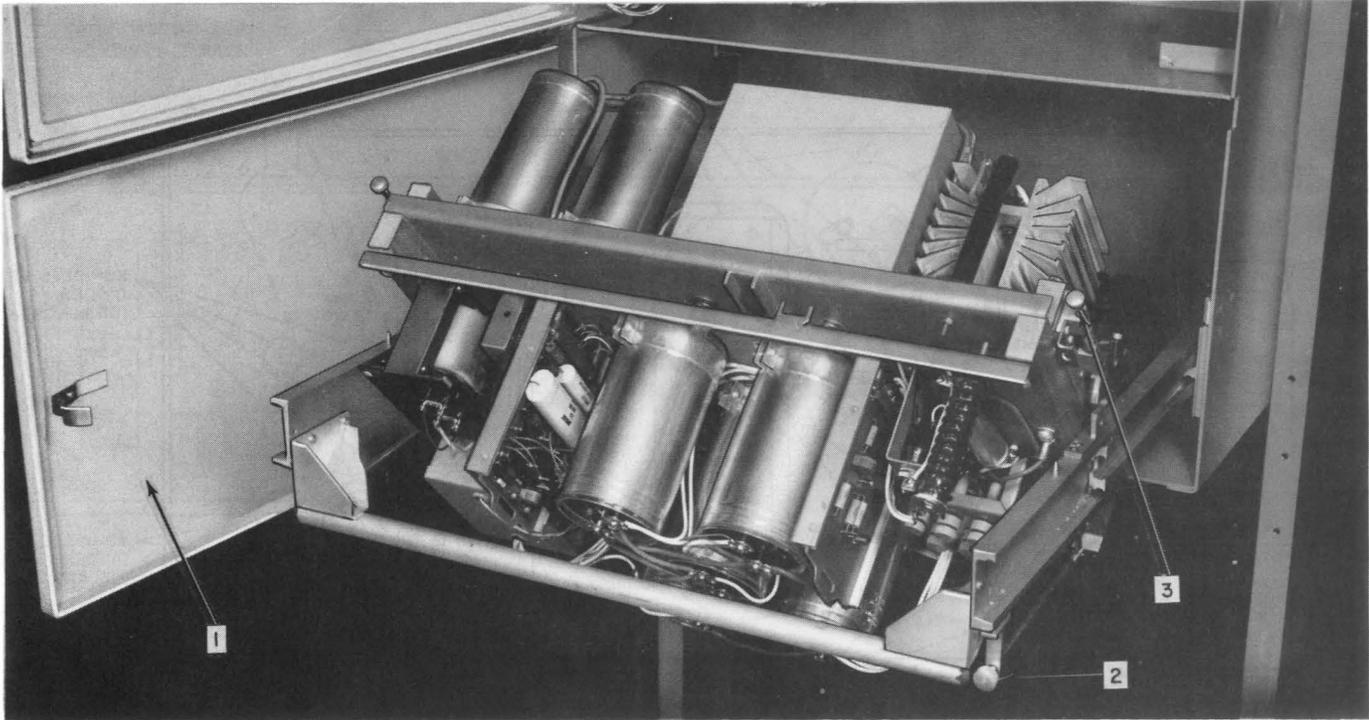


Fig. 3—KS-20573 Rectifier

when the capacitors are connected or reconnected to power.

3.05 Capacitor Replacement

- (a) Polarized and nonpolarized electrolytic capacitors should be replaced when the impedance of the capacitor exceeds the tolerable impedance for the circuit. See Section 032-110-701 for capacitor requirements.
- (b) When test requirements are specified on circuits or other job information, the capacitors shall be replaced when they fail to meet such requirements.

(c) When testing requirements are not specified on capacitors in rectifier units, the capacitor should be replaced only when causing noise or other trouble in the rectifier unit.

- 3.06** Diode replacement should be done only after consulting Section 032-173-301.
- 3.07** Circuit pack replacement should be done only after consulting Section 032-173-301.
- 3.08** When replacement operations are completed, restore power to the rectifier in accordance with local instructions.