



HEALTH IMAGING

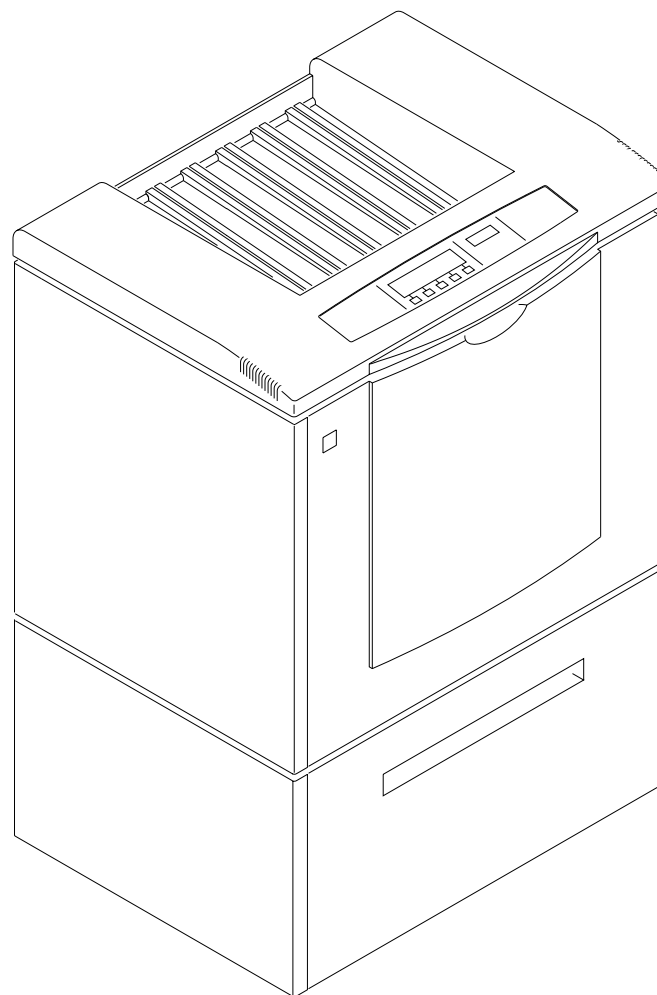
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# **COMPONENT LOCATOR for the *Kodak X-Omat 3000 RA PROCESSOR* Service Code: 3434**



**PLEASE NOTE**    The information contained herein is based on the experience and knowledge relating to the subject matter gained by Eastman Kodak Company prior to publication.

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 This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

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## Section 1: List of Components

Component	Designator	Description	Page
<b>CIRCUIT BOARDS</b>	600 BD	NOISE FILTER BOARD	<a href="#">11</a>
	2000 BD	CONTROL INTERFACE BOARD	<a href="#">12</a>
	3000 BD	DISPLAY BOARD	<a href="#">8</a> , <a href="#">12</a>
	5000 BD	MICROPROCESSOR BOARD	<a href="#">11</a> , <a href="#">13</a>
	6000 BD	UNIVERSAL FILM DETECTOR BOARD	<a href="#">8</a> , <a href="#">14</a>
	7000 BD	INTERLOCK BOARD	<a href="#">10</a> , <a href="#">14</a>
	8000 BD	CURRENT SENSOR BOARD	<a href="#">11</a> , <a href="#">14</a>
<b>CIRCUIT BREAKER</b>	CB1	MAIN POWER	<a href="#">12</a>
<b>CONNECTORS</b>	A1J1	DC DRIVE MOTOR	<a href="#">9</a>
	J11	PORTABLE COMPUTER INTERFACE	<a href="#">11</a>
	J35	SAFELIGHT RECEPTACLE	<a href="#">12</a>
	J36	INTERFACE JACK	<a href="#">12</a>
	P/J1	CIRCUIT BREAKER	<a href="#">12</a>
	P/J2	AC ELECTRICAL BOX	<a href="#">11</a>
	P/J3	DC ELECTRICAL BOX	<a href="#">11</a>
	P/J4	AMBIENT AIR THERMISTOR	<a href="#">11</a>
	P/J5	7000 to 5000 BOARD	<a href="#">11</a>
	P/J7	DC OUTPUT for the 5 V POWER SUPPLY (Serial No. 100500 and above)	<a href="#">11</a>
	P/J8	AC INPUT for the 5 V POWER SUPPLY (Serial No. 100500 and above)	<a href="#">11</a>
	P/J9	AC INPUT QUAD POWER SUPPLY	<a href="#">11</a>
	P/J10	DC OUTPUT QUAD POWER SUPPLY	<a href="#">11</a>
	P/J12	FIXER/DEVELOPER RECIRCULATION PUMP	<a href="#">9</a>
	P/J14	REPLENISHMENT CALIBRATION SWITCH	<a href="#">10</a>
	P/J15	DEVELOPER REPLENISHMENT PUMP	<a href="#">10</a>
	P/J16	FIXER REPLENISHMENT PUMP	<a href="#">10</a>
	P/J17	AUTOTRANSFORMER	<a href="#">9</a>
	P/J18	BLOWER MOTOR	<a href="#">10</a>
	P/J19	FIXER HEATER	<a href="#">9</a>
	P/J20	DEVELOPER HEATER	<a href="#">9</a>
	P/J21	DRYER HEATER	<a href="#">10</a>
	P/J23	DEVELOPER COOLING SOLENOID	<a href="#">9</a>
	P/J25	TOP COVER INTERLOCK SWITCH	<a href="#">8</a>
	P/J26	DEVELOPER THERMISTOR	<a href="#">9</a>

Component	Designator	Description	Page
<b>CONNECTORS</b>	P/J27	FIXER THERMISTOR	<a href="#">9</a>
	P/J28	DRYER THERMISTOR	<a href="#">10</a>
	P/J30	WASH WATER SOLENOID	<a href="#">10</a>
	P/J34	POWER SUPPLY COOLING FAN	<a href="#">11</a>
	P/J2001	INTERFACE BOARD	<a href="#">12</a>
	P/J2002	INTERFACE BOARD	<a href="#">12</a>
	P/J2003	INTERFACE BOARD	<a href="#">12</a>
	P/J2004	INTERFACE BOARD	<a href="#">12</a>
	P/J2005	INTERFACE BOARD	<a href="#">12</a>
	P/J3001	DISPLAY BOARD	<a href="#">12</a>
	P/J3002	DISPLAY BOARD	<a href="#">12</a>
	P/J3003	DISPLAY BOARD	<a href="#">12</a>
	P/J3004	DISPLAY BOARD	<a href="#">12</a>
	P/J3005	DISPLAY BOARD	<a href="#">12</a>
	P/J5001	MICROPROCESSOR BOARD	<a href="#">13</a>
	P/J5002	MICROPROCESSOR BOARD	<a href="#">13</a>
	P/J5003	MICROPROCESSOR BOARD	<a href="#">13</a>
	P/J5004	MICROPROCESSOR BOARD	<a href="#">13</a>
	P/J5005	MICROPROCESSOR BOARD	<a href="#">13</a>
	P/J5006	MICROPROCESSOR BOARD	<a href="#">13</a>
	P/J5007	MICROPROCESSOR BOARD	<a href="#">13</a>
	P/J5008	MICROPROCESSOR BOARD	<a href="#">13</a>
	P/J5009	MICROPROCESSOR BOARD	<a href="#">13</a>
	P/J6001	FILM ACCUMULATOR BOARD	<a href="#">14</a>
	P/J6002	FILM ACCUMULATOR BOARD	<a href="#">14</a>
	P/J6003	FILM ACCUMULATOR BOARD	<a href="#">14</a>
	P/J7001	DRIVE INTERLOCK BOARD	<a href="#">14</a>
	P/J7002	DRIVE INTERLOCK BOARD	<a href="#">14</a>
	P/J7003	DRIVE INTERLOCK BOARD	<a href="#">14</a>
	P/J8001	CURRENT SENSOR BOARD	<a href="#">14</a>
<b>DIODES</b>	CR1	WASH WATER SOLENOID	<a href="#">10</a>
	CR2	DEVELOPER COOLING SOLENOID	<a href="#">9</a>
<b>FILTER</b>	C7	EMI CAPACITOR (Serial No. 100500 and above)	<a href="#">11</a>
	FL1	EMI FILTER, INCOMING AC	<a href="#">9</a>
	FL2	EMI FILTER, DRYER	<a href="#">9</a>
<b>FUSES</b>	F1	5 V POWER SUPPLY and PUMPS	<a href="#">11</a>
	F2	DEVELOPER/FIXER HEATER	<a href="#">11</a>
	F3, F4	SAFELIGHT RECEPTACLE	<a href="#">11</a>
	F5	DRYER BLOWER	<a href="#">11</a>
	F6	QUAD POWER SUPPLY	<a href="#">11</a>
	F7	5 V POWER SUPPLY (below Serial No. 100500)	<a href="#">11</a>

Component	Designator	Description	Page
HEATERS	HR1	DEVELOPER HEATER	<a href="#">9</a>
	HR2	FIXER HEATER	<a href="#">9</a>
	HR3	DRYER HEATER	<a href="#">10</a>
INTEGRATED CIRCUITS	U5006	EPROM, BOOTSTRAP	<a href="#">13</a>
	U5021	CLOCK/MEMORY MODULE	<a href="#">13</a>
	U6018	EPROM, BOOTSTRAP	<a href="#">14</a>
LED and INDICATORS	DS1	FIXER HEATER LED	<a href="#">13</a>
	DS2	FIXER REPLENISHMENT PUMP LED	<a href="#">13</a>
	DS3	DEVELOPER REPLENISHMENT PUMP LED	<a href="#">13</a>
	DS4	DEVELOPER HEATER LED	<a href="#">13</a>
	DS5	DRYER HEATER LED	<a href="#">13</a>
	DS6	DRYER HEATER ENABLE LED	<a href="#">13</a>
	DS7	DRYER BLOWER LED	<a href="#">13</a>
	DS8	RECIRCULATION PUMP LED	<a href="#">13</a>
	DS9	SOLUTION HEATER ENABLE LED	<a href="#">13</a>
	DS10	SAFELIGHT RECEPTACLE LED	<a href="#">13</a>
	DS15	DEVELOPER COOLING SOLENOID LED	<a href="#">13</a>
	DS16	WASH WATER SOLENOID LED	<a href="#">13</a>
	DS18	5000 BOARD STATUS LED	<a href="#">13</a>
MOTORS	B1	DRYER BLOWER MOTOR	<a href="#">10</a>
	B2	POWER SUPPLY COOLING FAN	<a href="#">11</a>
	B3	DEVELOPER REPLENISHMENT PUMP	<a href="#">10</a>
	B4	FIXER REPLENISHMENT PUMP	<a href="#">10</a>
	B5	RECIRCULATION PUMP	<a href="#">9</a>
	B6	DC DRIVE MOTOR	<a href="#">9</a>
	B7	DISPLAY COOLING FAN	<a href="#">8</a>
POWER SUPPLIES	PS1	QUAD POWER SUPPLY	<a href="#">11</a>
	PS2	5 V DC POWER SUPPLY	<a href="#">11</a>
RELAYS	K1	DRYER HEATER ENABLE RELAY	<a href="#">11</a>
	K5001	DRYER HEATER ENABLE RELAY	<a href="#">13</a>
	K5002	DRYER BLOWER MOTOR RELAY	<a href="#">13</a>
	K5003	RECIRCULATION PUMP RELAY	<a href="#">13</a>
	K5004	DEVELOPER/FIXER HEATER ENABLE RELAY	<a href="#">13</a>
	K5005	SAFELIGHT RECEPTACLE	<a href="#">13</a>
	K5006	Spare RELAY	14
RESISTORS	R6050	ALARM VOLUME	<a href="#">14</a>
	R2011	DISPLAY BRIGHTNESS	<a href="#">12</a>
	R3057	DISPLAY DIM SENSITIVITY	<a href="#">12</a>

Component	Designator	Description	Page
<b>SENSORS and SWITCHES</b>	S1	DRIVE SIDE ENTRANCE DETECTOR SWITCH	<a href="#">8</a>
	S2	NON-DRIVE SIDE ENTRANCE DETECTOR SWITCH	<a href="#">8</a>
	S4	TOP COVER INTERLOCK SWITCH	<a href="#">8</a>
	S5	REPLENISHMENT CALIBRATION SWITCH	<a href="#">10</a>
	S6	DRYER OVERTEMPERATURE THERMOSTAT	<a href="#">10</a>
	S7	DEVELOPER LEVEL PROBE	<a href="#">10</a>
	S8	FIXER LEVEL PROBE	<a href="#">10</a>
	S3001	3000 BOARD	<a href="#">12</a>
	S5002	5000 BOARD	<a href="#">13</a>
<b>SOLENOIDS and INDUCTORS</b>	L1	WASH WATER SOLENOID	<a href="#">10</a>
	L2	DEVELOPER COOLING SOLENOID	<a href="#">9</a>
	L4	DEVELOPER HEATER INDUCTOR	<a href="#">11</a>
	L5	FIXER HEATER INDUCTOR	<a href="#">11</a>
<b>SOLID STATE RELAYS</b>	SSR-U1	DEVELOPER HEATER RELAY	<a href="#">11</a>
	SSR-U2	DEVELOPER REPLENISHMENT PUMP RELAY	<a href="#">11</a>
	SSR-U3	DRYER HEATER RELAY	<a href="#">11</a>
	SSR-U4	FIXER REPLENISHMENT PUMP RELAY	<a href="#">11</a>
	SSR-U5	FIXER HEATER RELAY	<a href="#">11</a>
<b>SUPPRESSORS</b>	A2	K5002 RELAY	<a href="#">11</a>
	A3	K5003 RELAY	<a href="#">11</a>
<b>TERMINAL BLOCKS</b>	TB1	MAIN AC POWER INPUT	<a href="#">9</a>
	TB2	AC POWER SELECTION/DISTRIBUTION	<a href="#">9</a>
	TB3	AC POWER SELECTION/DISTRIBUTION	<a href="#">9</a>
	TB4	ELECTRICAL BOX AC POWER	<a href="#">11</a>
	TB5	ELECTRICAL BOX DC ELECTRONICS	<a href="#">11</a>
	TB8001	8000 BOARD	<a href="#">14</a>
	TB8002	8000 BOARD	<a href="#">14</a>
<b>TEST POINTS</b>	TP MOTDRV	ANALOG MOTOR DRIVE SIGNAL	<a href="#">13</a>
	TP MOTFB	MOTOR FEEDBACK	<a href="#">13</a>
<b>THERMISTORS</b>	RT1	DEVELOPER THERMISTOR	<a href="#">9</a>
	RT2	FIXER THERMISTOR	<a href="#">9</a>
	RT3	DRYER THERMISTOR	<a href="#">10</a>
<b>TRANSFORMER</b>	T1	AUTOTRANSFORMER	<a href="#">9</a>

Component	Designator	Description	Page
<b>VARISTORS</b>	RV1	SSR-U1	<a href="#">11</a>
	RV2	SSR-U2	<a href="#">11</a>
	RV3	SSR-U3	<a href="#">11</a>
	RV4	SSR-U4	<a href="#">11</a>
	RV5	SSR-U5	<a href="#">11</a>
<b>MISCELLANEOUS</b>	A1	DRIVE MOTOR CONTROLLER	<a href="#">10</a>
	LS6001	ALARM	<a href="#">14</a>

## Section 2: Location of Components

Figure 1 Top Interior View

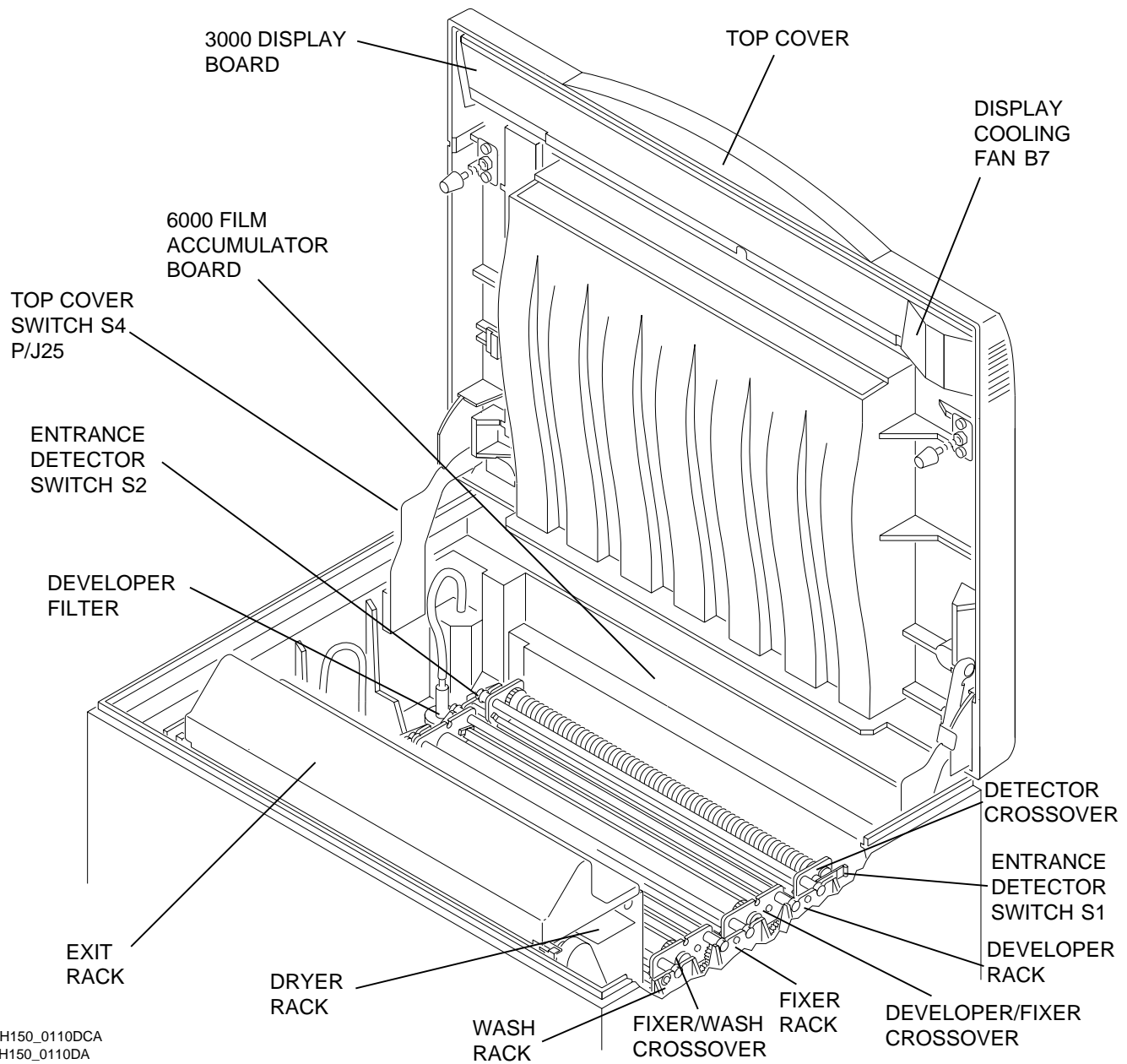
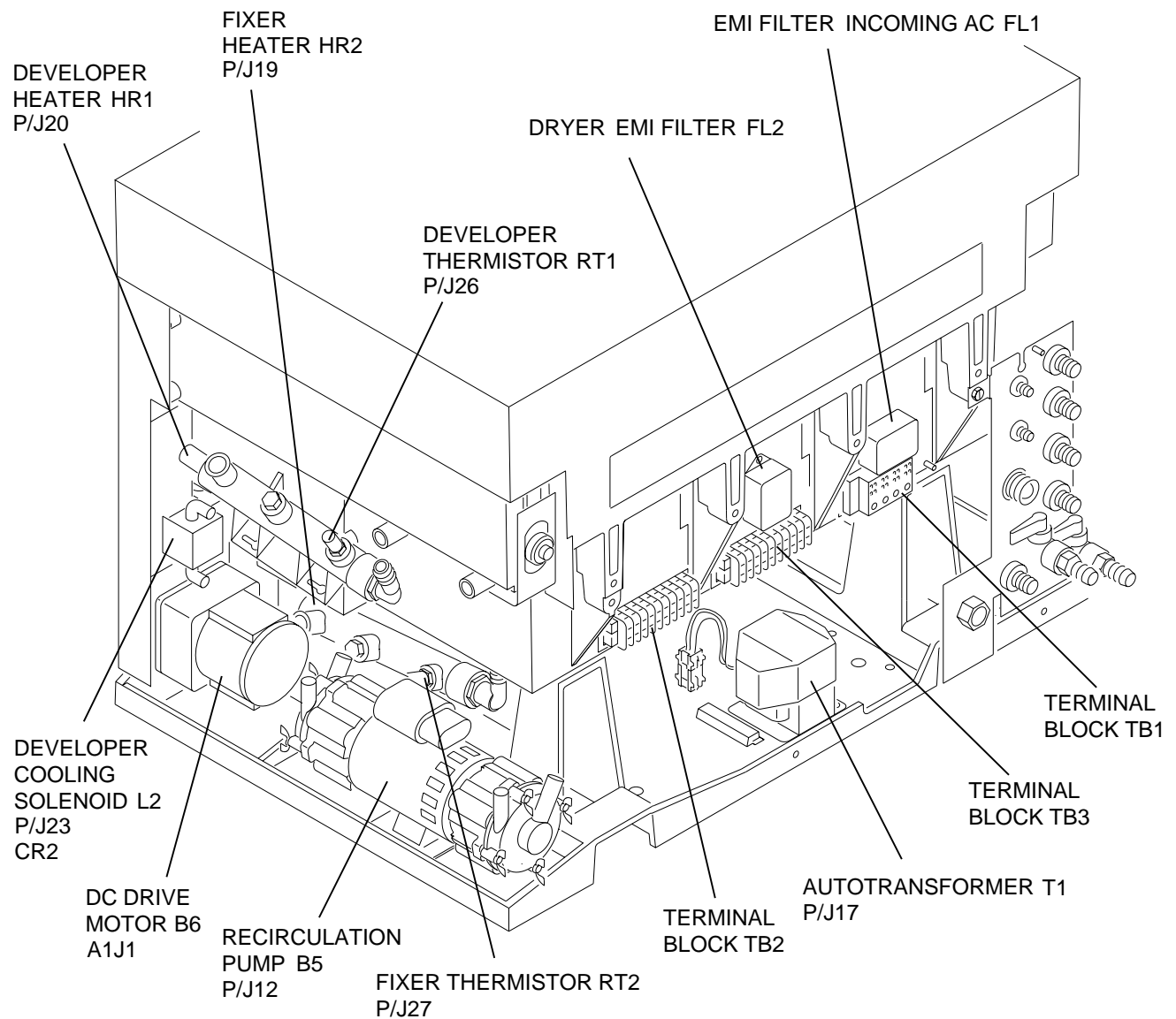


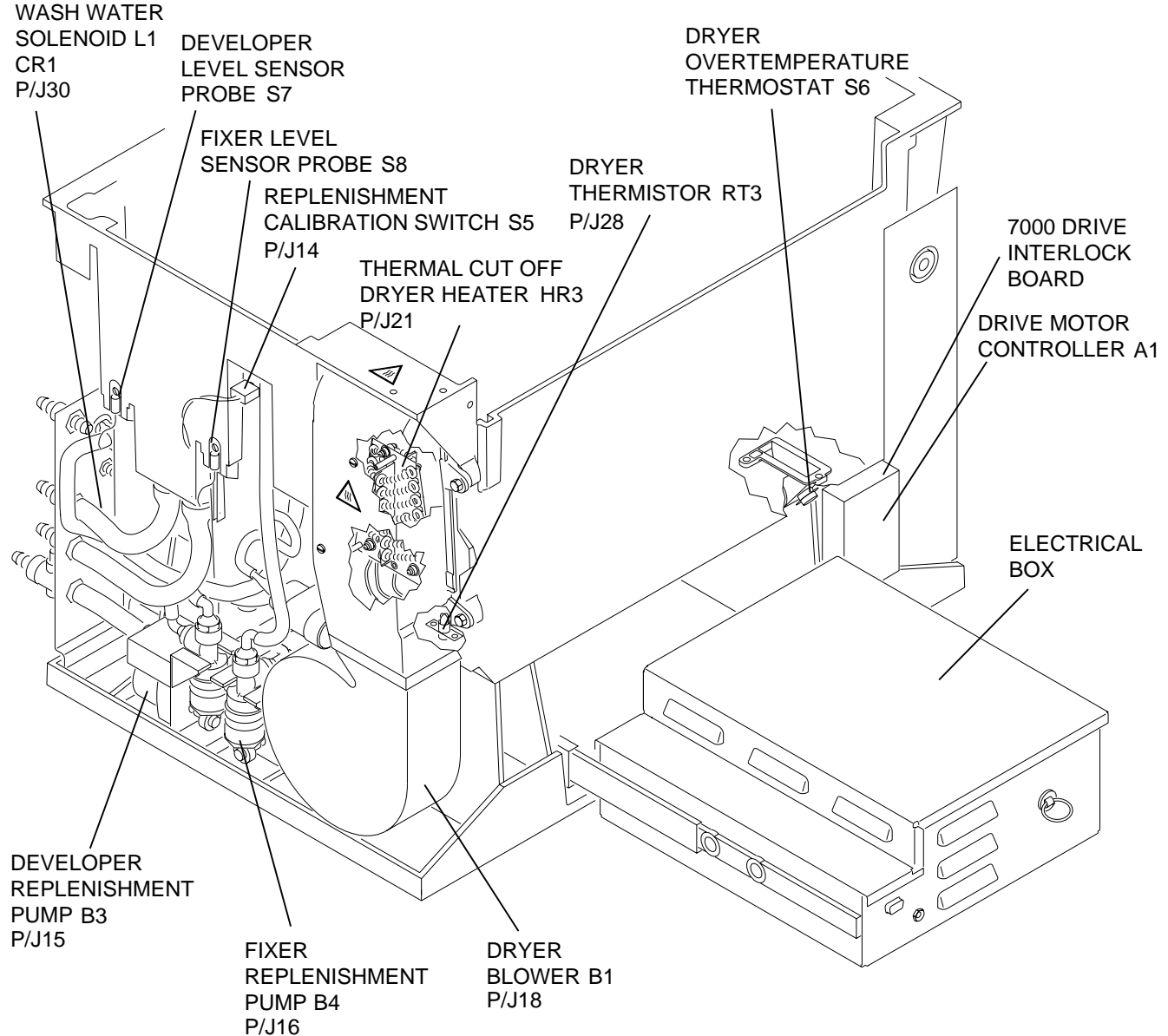


Figure 2 Feed End View



H150\_0103DCA  
H150\_0103DA

Figure 3 Receive End View



H150\_0104DCA  
H150\_0104DA

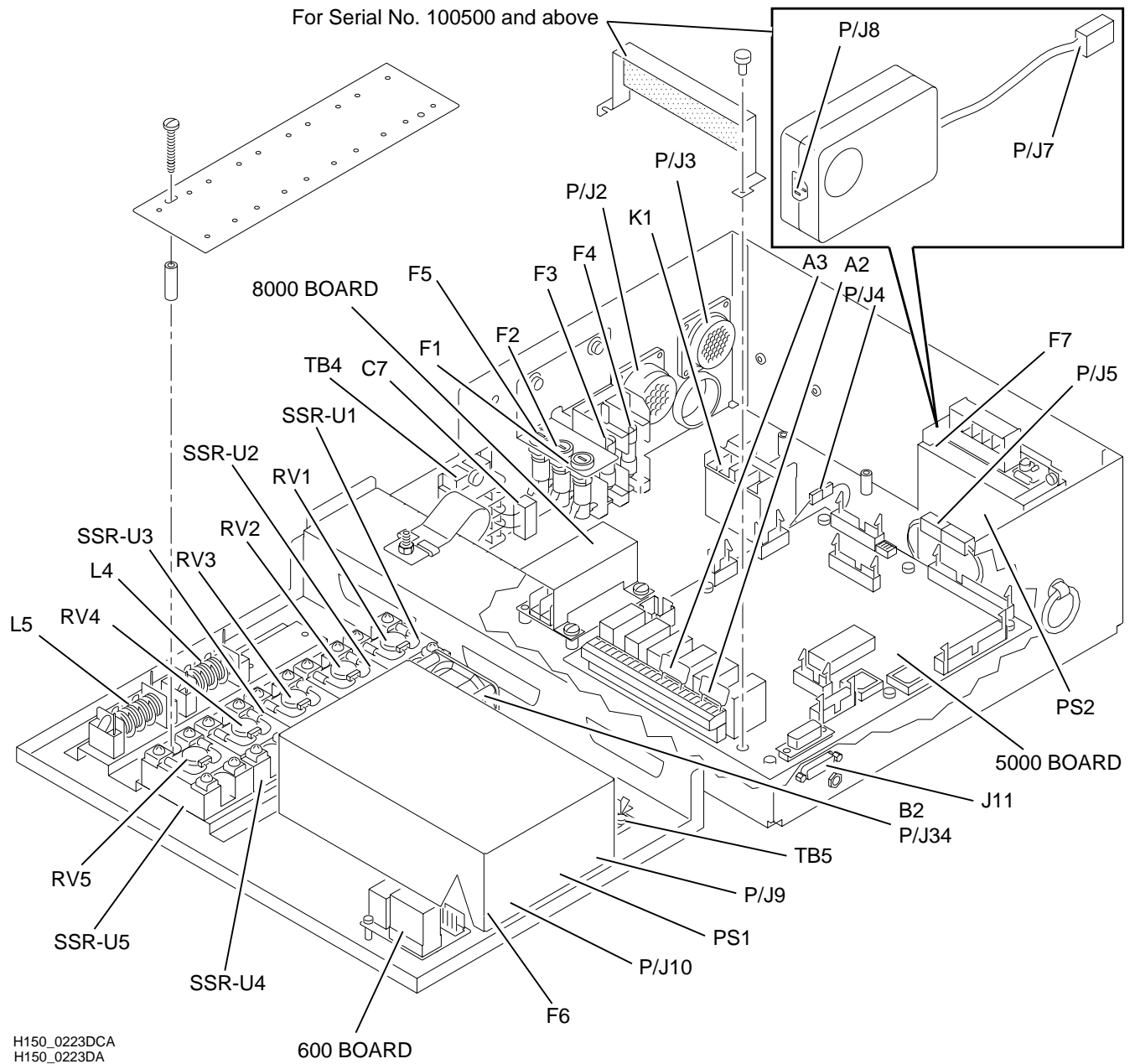
Figure 4 **ELECTRICAL BOX**

Figure 5 2000 BOARD

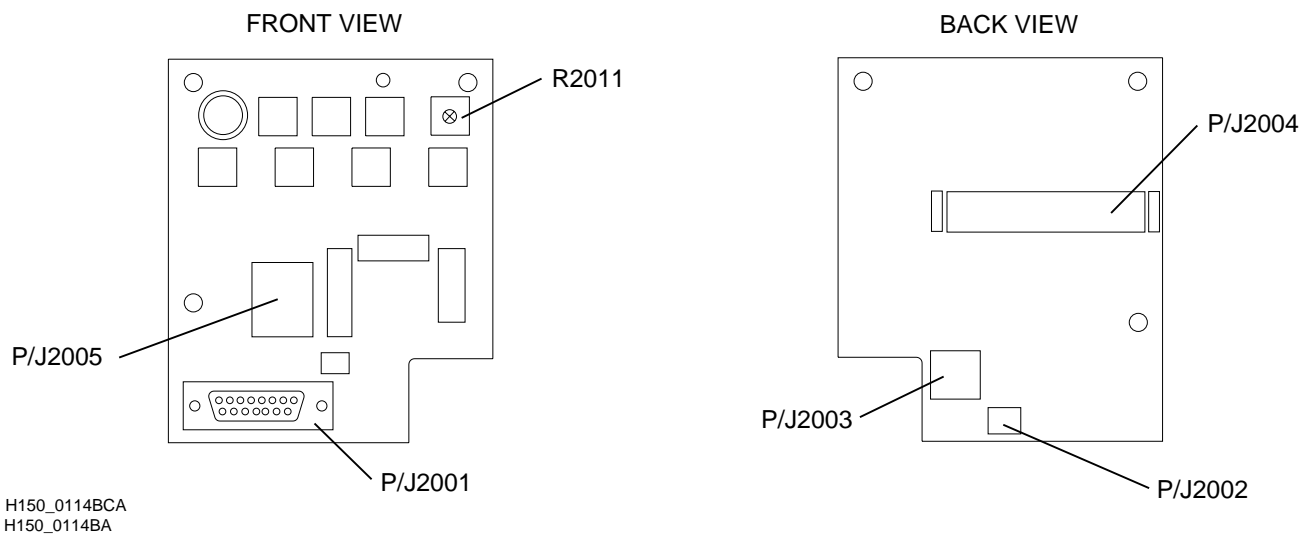
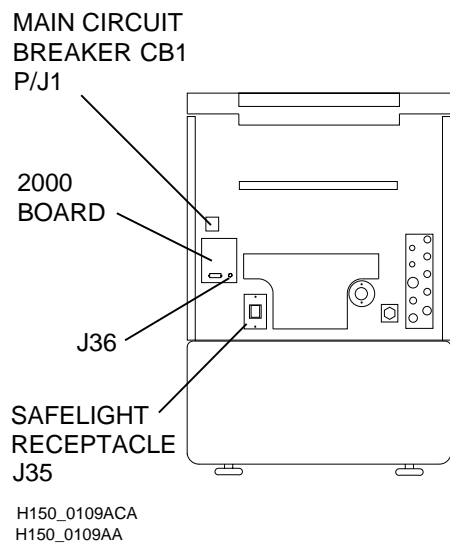


Figure 6 3000 BOARD

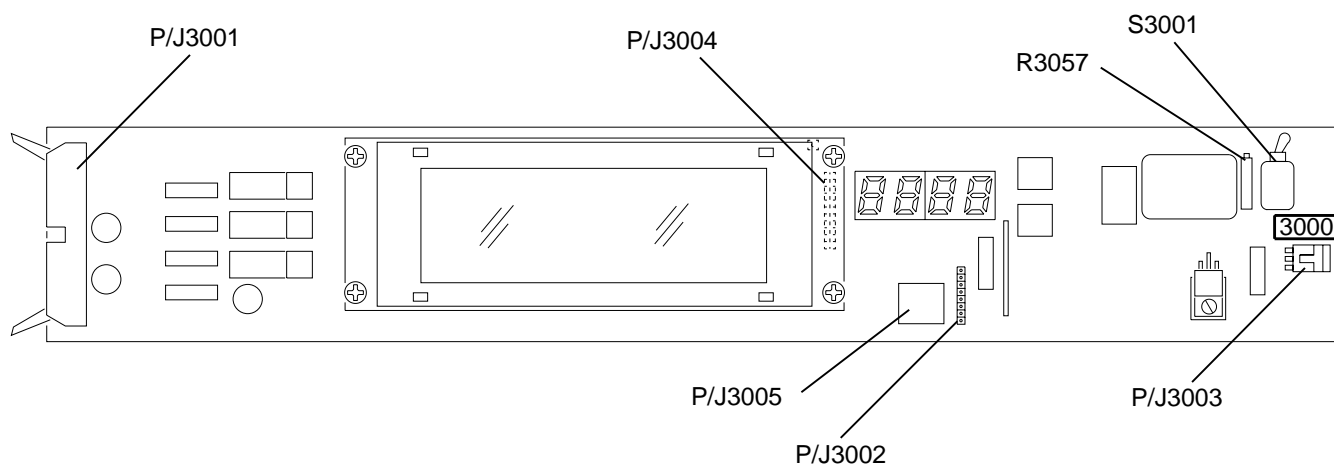
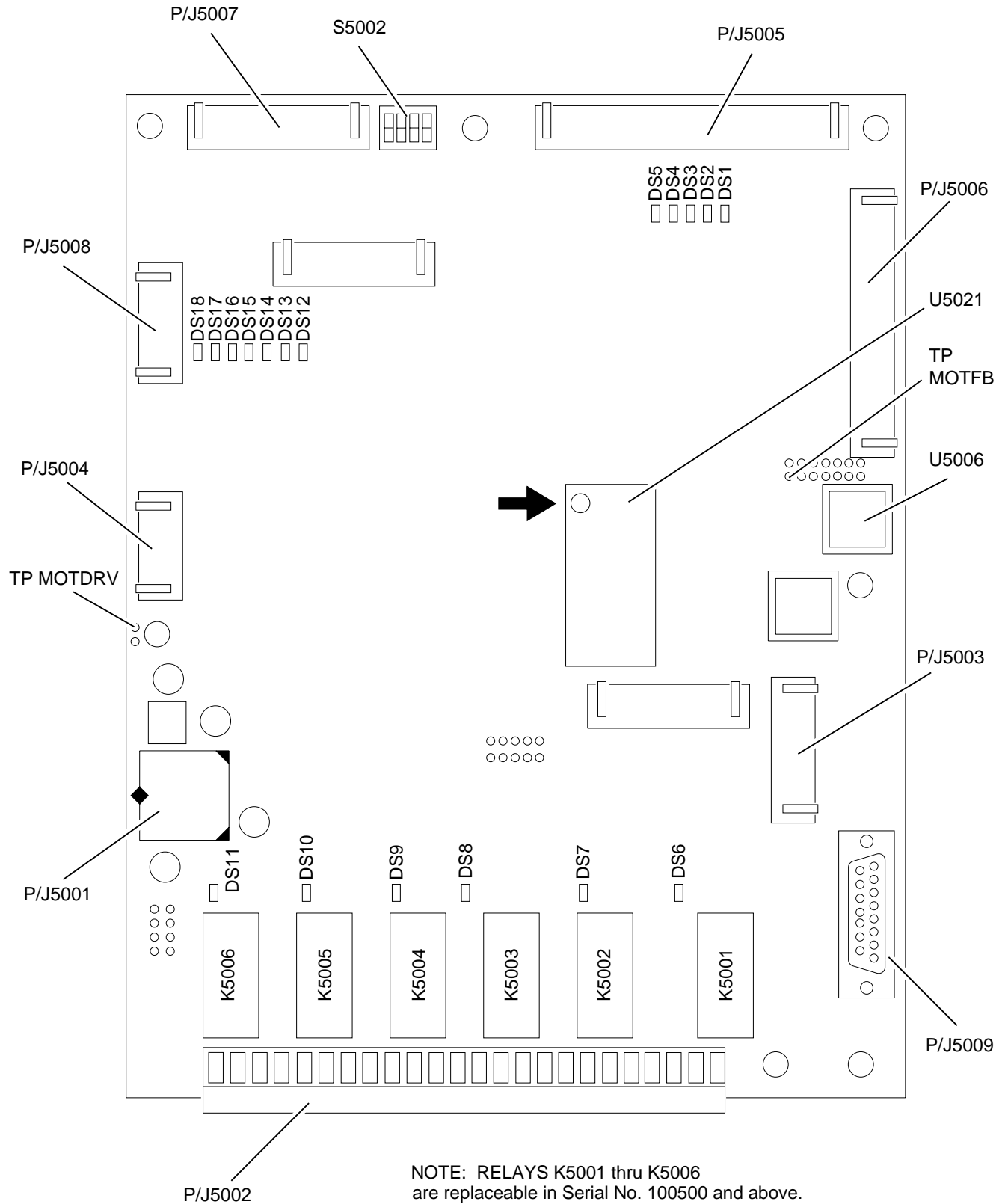
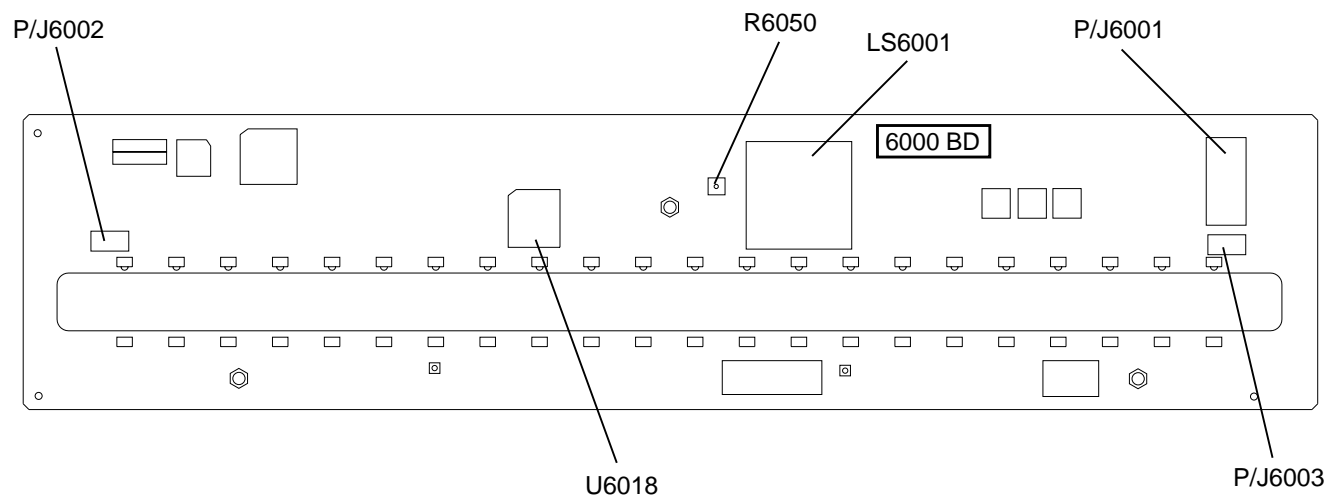


Figure 7 5000 BOARD



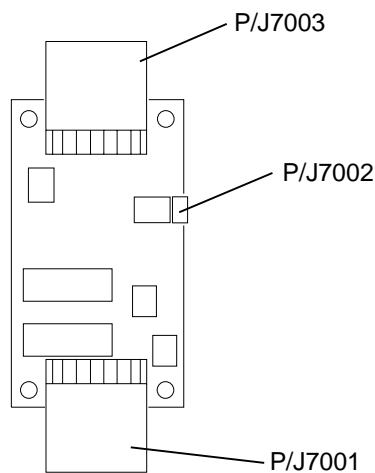
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H150\_0222EA

Figure 8 6000 BOARD



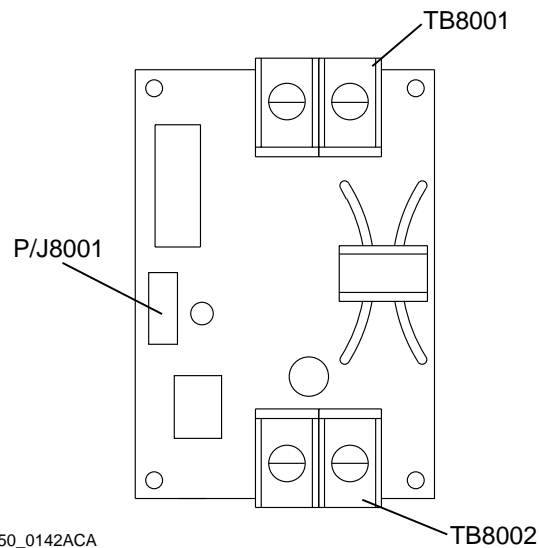
H150\_0108BCA  
H150\_0108BA

Figure 9 7000 BOARD



H150\_0113ACA  
H150\_0113AA

Figure 10 8000 BOARD



H150\_0142ACA  
H150\_0142AC

## Publication History

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