



- NOTES: 1. Heat sink compound must be applied between transistor and heat sink.  
 2. Observe index mark on integrated circuit, polarity of capacitors and diodes, and position of transistors.  
 3. The view of Q5 and its related heat sink and hardware is from the bottom of the heatsink, to clarify installation.

## Power Supply p/n D-8345-566

Part No.	Ckt Designator	Description	Item	Part No.	Ckt Designator	Description
5765-09466-01		Bare P. C. Board	26	5164-12154-00	Q1	Transistor, MJE15030, NPN
5013-09426-00	R7	Resistor, 2.15K, 1%, 1/4w, C. F.	27	5164-09056-00	Q4	Transistor, MPSD02, NPN
5013-09427-00	R8	Resistor, 4.99K, 1%, 1/4w, C. F.	28	5194-12155-00	Q3	Transistor, MJE15031, PNP
5010-09428-00	R11	Resistor, 1.5K, 2%, 1/4w, C. F.	29	5194-09055-00	Q2	Transistor, MPSD52, PNP
5010-09085-00	R10	Resistor, 1.5K, 5%, 1/4w, C. F.	30	5791-10862-15	3J6	Connector, 15 pin (Hdr)
5010-09541-00	R9	Resistor, 2.7K, 2%, 1/4w, C. F.	31	5791-10862-06	3J5	Connector, 6 pin (Hdr)
5010-09508-00	R12	Resistor, 270Ω, 2%, 1/4w, C. F.	32	5791-09068-00	3J1	Connector, 12 pin (Hdr)
5012-09429-00	R13	Resistor, 0.12Ω, 5%, 5w	33	5321-09178-00		Fuseholder
5010-09536-00	R1, R4	Resistor, 39K, 5%, 1w	34	5731-08761-00	F1	Fuse, 1/4A, 250v, S-B
5010-09061-00	R2, R5	Resistor, 680Ω, 2w	35	B-8416	Q5 Repr	Transistor/Heat sink subassy
5010-09069-00	R3, R6	Resistor, 330K, 5%, 1/2w, C. F.	a)	5162-09425-00	Q5	Transistor, 2N6057, NPN
5040-09419-00	C10	Capacitor, 18,000 mfd, electr, 20v, axial	b)	5700-09445-00		Socket
5040-09420-00	C9	Capacitor, 1000 mfd, electr, 25v, axial or radial	c)	5701-09652-00		Mica Insulator
5040-09423-00	C12	Capacitor, 330 mfd, electr, 10v, radial	d)	5705-09431-00		Heatsink
5043-09065-00	C15	Capacitor, 470 pfd	e)	4006-01003-12		Mach. Screw 5-32 x 3/4
5040-09053-00	C1, C3	Capacitor, 100 mfd, electr, 150v	f)	HW-30118-4		Wire, 18AWG, YEL, 4-3/8"
5043-09072-00	C2, C4	Capacitor, 0.1 mfd, 500v, disc	g)	HW-30118-5		Wire, 18AWG, GRN, 4-3/8"
5043-09446-00	C14	Capacitor, 0.1 mfd, 50v, disc	h)	HW-30118-9		Wire, 18AWG, WHT, 4-3/8"
5040-09421-00	C7	Capacitor, 100 mfd, 25v, radial	36	5824-09428-00	TP2 - TP4	Terminal, #1502-1 (Test Post)
5040-09422-00	C8	Capacitor, 47 mfd, 50v, radial	37	5100-09418-00	BR1	Bridge Rectifier, 35A, 100V
5070-06258-00	D1, D5, D6	Diode, 1N4001	38	5705-09042-00		Heat Sink
5070-09054-00	D3, D4	Diode, 1N4004	39	03-7947		Tie Wrap
5075-09059-00	ZR1, ZR3	Zener, 1N5990, 3.9v, 5%	40	4005-01016-07		Mach. Screw, 5-40 x 7/16, RH
5075-09060-00	ZR2, ZR4	Zener, 1N4764, 100v, 5%	41	4700-00004-00		Flat washer, 3/8 od x .146 id x 21 ga
5460-09424-00	IC1	IC, Volt. Reg., MC1723C	42	4701-00023-00		Lockwasher, #5, split
			43	4405-01117-00		Hex Nut, 5-40
			44	20-9229		Heatsink Thermal Compound
			45	5731-09342-00	F6, F5	Fuse, 7A, 250V, S-B