



WIRING DIAGRAM & PARTS LIST

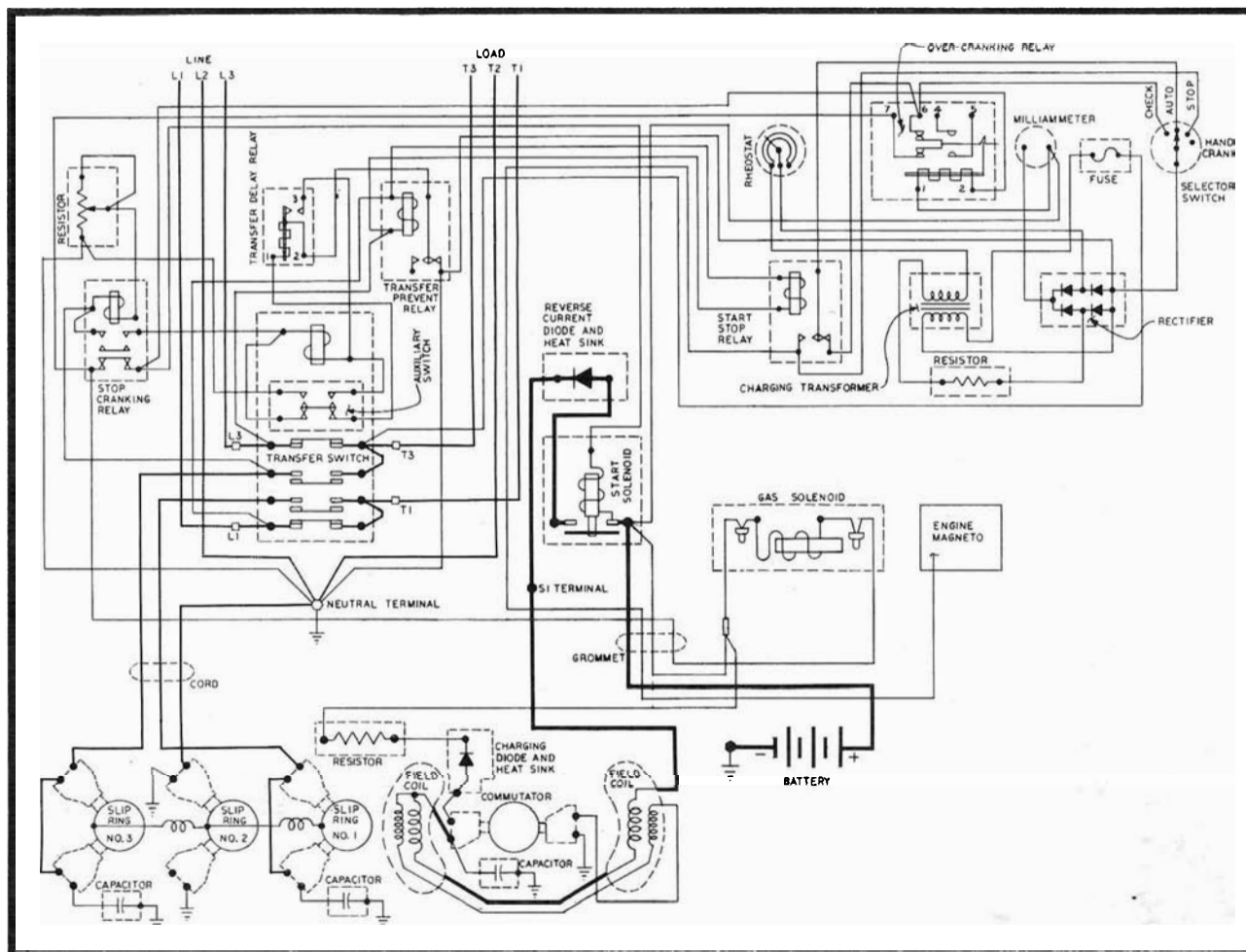
EMERGENCY POWER SYSTEMS

MODELS: 3W056 — 5,000 WATTS
3W057 — 7,000 WATTS

Form
5S1238

DAYTON ELECTRIC MANUFACTURING CO. CHICAGO 60648

Feb. 1977



HOW TO ORDER REPAIR PARTS

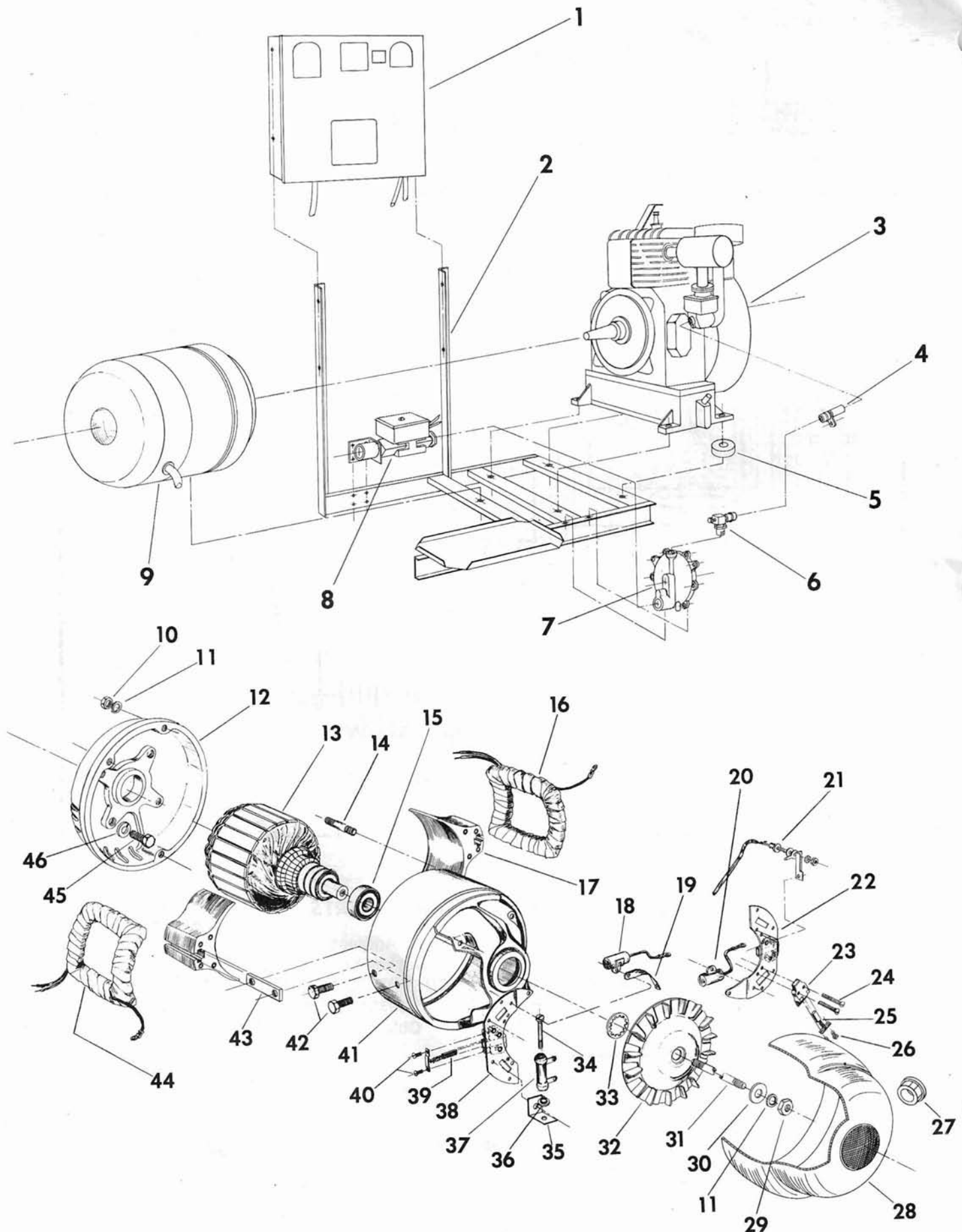
Please provide following information:

- Model Number
- Serial Number (if any)
- Part Description and Number as shown in Parts List.

Address order to:
Dayton Electric Mfg. Co.
CUSTOMER SERVICE DEPT.
5959 W. Howard St.
Chicago, Illinois 60648

SEE INSIDE FOR PARTS LIST

PARTS LIST – MODELS 3W056, 5,000 WATT & 3V



V057, 7,000 WATT EMERGENCY POWER SYSTEMS

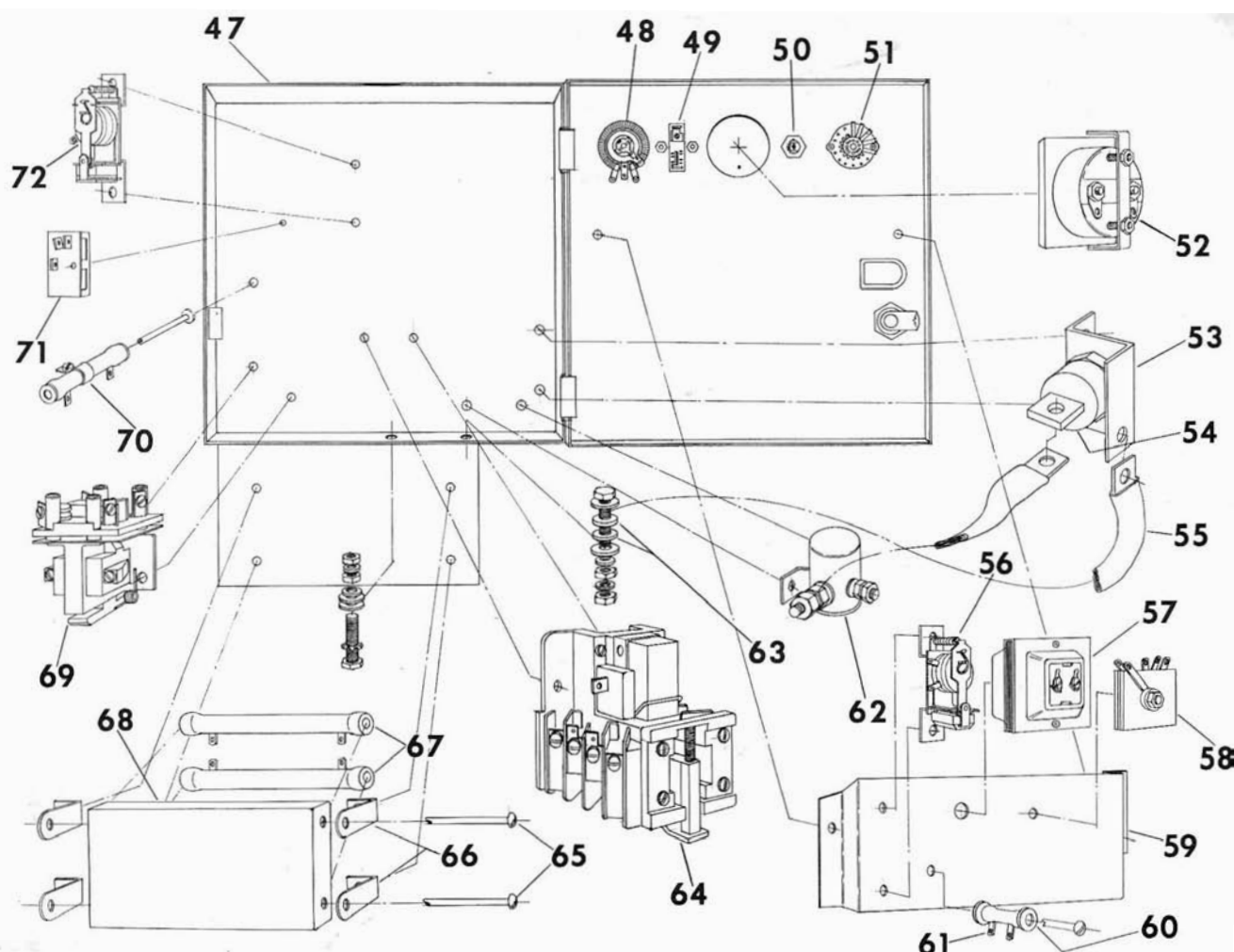
MODEL 3W056 — 5,000 WATTS

Ref. No.	Description	Qty.	Part No.	Ref. No.	Description	Qty.	Part No.
1	Elec. transfer control assy		55547	21	Diode	1	54023-1
2	Base frame assy	1	55466	21a	Heat sink	1	54733
3	Engine B&S 243431, type 0659.01	1	56270	22	Riveted brush rack assy	1	41744-1
4	LP/NG fuel spud-in	1	55561	23	Ac brush holders	6	23500
5	Rubber shock mount	5	20191-1	24	Machine screw	4	40550
6	LP/NG fuel load block	1	55560	25	AC brush	6	23607
7	LP/NG secondary regulator	1	55559	26	Machine screw	12	40746
8	Solenoid & bracket assy	1	55528	27	Strain relief	1	55437
8a	Solenoid only (not illustrated)		42942	28	End cover	1	55438-1
9	Generator assy	1	55420	29	Hex nut	1	23605
10	Hex nut	4	458	30	Flat washer	1	23558
11	Split lockwasher	5	480	31	Thru bolt	1	23197-7
12	End bracket	1	54025	32	Fan assy	1	55101
13	Armature	1	55317-1	33	Shakeproof lockwasher	1	55224
14	Stud	4	23451	34	Machine screw	1	24864
15	Bearing	1	55223	35	Bracket	2	53997
16	Field coil	1	55422-1	36	Fiber washer	2	1376
17	Pole shoe	2	23207	37	Resistor	1	41984
18	AC capacitor	2	41221	38	Riveted brush rack assy	1	51744
19	Copper ground strap	2	41387-6	39	DC brush	2	41393
20	DC capacitor	1	41180	40	Machine screw	3	4637
				41	Field shell & brkt. assy	1	55417
				42	Hex hd cap screw	4	9416
				43	Pole shoe retainer	2	23208
				44	Field coil	1	55422
				45	Hex hd cap screw	4	54028
				46	Split lockwasher	4	90570

MODEL 3W057 — 7,000 WATTS

1	Elec. transfer control assy	55594	21a	Heat sink	1	54729
2	Base frame assy	55544	22	Riveted brush rack assy	1	47684-1
3	Engine, Wisconsin S14D	56303	23	AC brush holder	9	23500
4	Fuel load block/spud-in**	55593	24	Machine screw	6	23867
5	Rubber shock mount	20191	25	AC brush	9	55536
7	Secondary fuel regulator	55559	26	Machine screw	18	40746
8	Solenoid & Bracket assy	55528	27	Strain relief	1	55437
8a	Fuel solenoid only (not illustrated)	42942	28	End cover	1	55438-3
9	Generator assy	55014	29	Hex nut	1	23605
10	Hex nut	458	30	Flat washer	1	23558
11	Split lockwasher	480	31	Thru bolt	1	24185
12	End bracket	24957	32	Fan assy	1	23404
13	Armature	54993-1	33	Shakeproof lockwasher	1	40552
14	Stud	23451	38	Riveted brush rack assy	1	47684
15	Bearing	50215	39	DC brush	2	47683
16	Field Coil	54994-1	40	Machine screw	4	4637
17	Pole shoe	42882	41	Field shell & bracket assy	1	55008
18	AC capacitor	41221	42	Hex head cap screw	6	399
19	Copper ground strap	41387-1	43	Pole shoe retainer	2	51697
20	DC capacitor	41180	44	Field coil	1	54994
21	Diode	54023-1	45	Key	1	51822
			46	Socket head bolt	4	23604

** Carburetor adjustment for LP and NG



The following parts are common to Models 3W056 and 3W057 except as noted †

Ref. No.	Description	Qty.	Part No.	Ref. No.	Description	Qty.	Part No.
47	Surface cabinet	1	55426	59	Bracket	1	46117
48	Rheostat	1	24786	60	Insulation washer	2	266
48a	Dial Plate	1	8777	61	Resistor	1	24787
48b	Knob	2	8778	62	Start solenoid	1	24061
49	Over cranking relay	1	48585	63a	Shoulder washer	1	21981
50	Fuse holder	1	2489	63b	Insulation washer	1	6892
50a	Fuse, 3 AG, 1 amp	1	22219	64	Transfer relay	1	46125
51	Selector switch	1	22185	65	Machine screw†	2	54599-2
51a	Dial plate	1	21962	66	Bracket†	4	54599-1
52	Milliammeter	1	22188	67	Resistor†	2	54599
53	Heat sink	1	51061	68	Cover†	1	43987
54	Silicon rectifier	1	51060	69	Stop cranking relay	1	23566
55	Copper strap	2	52789-6	70	Resistor	1	23635
55a	Insulation sleeving	2	54041-6	71	Thermal delay relay	1	48525
56	Start/stop relay	1	40518	72	Transfer prevent relay	1	40518
57	Transformer	1	46755				
58	Selenium rectifier	1	22191				

† Items used on model 3W057 only