



WIRING DIAGRAM & PARTS LIST

POWER TAKE-OFF GENERATOR

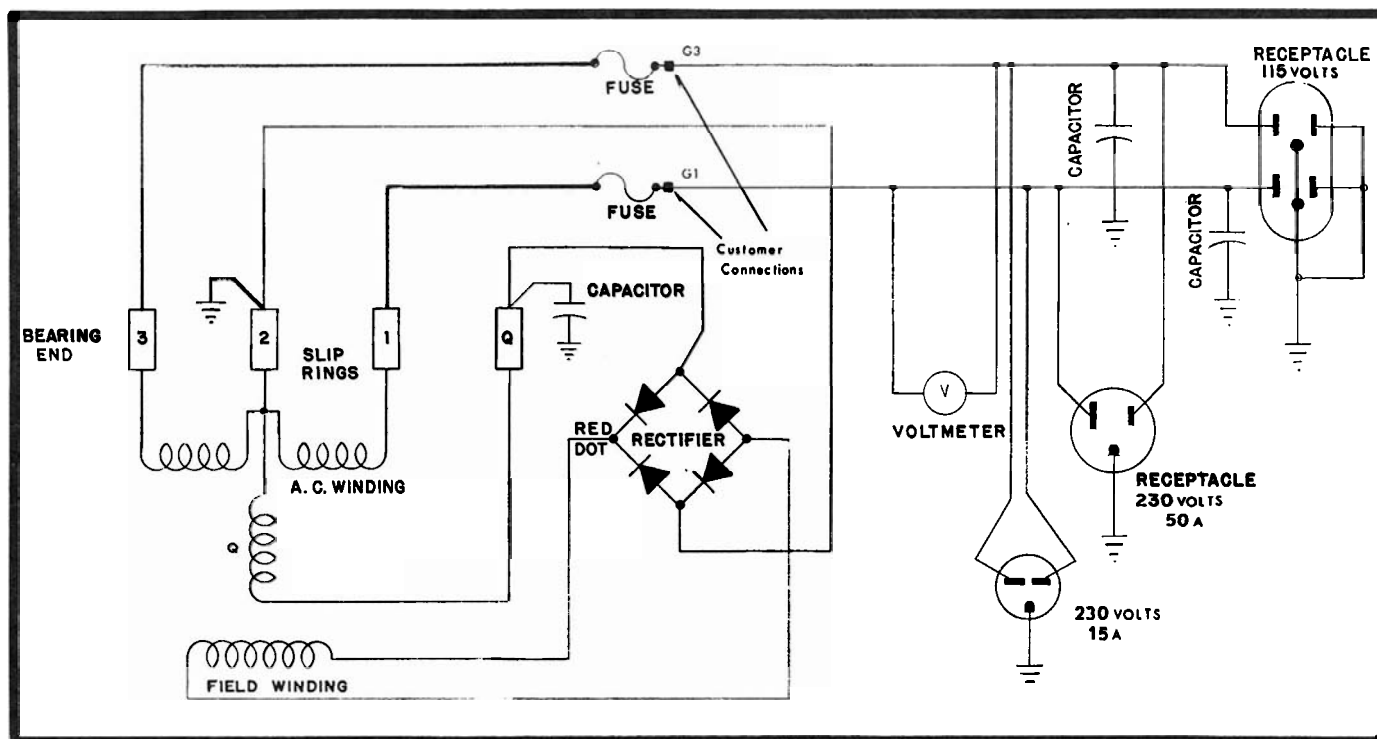
MODEL: 3W108 - 20,000 WATTS

FORM
5S1952

DAYTON ELECTRIC MANUFACTURING CO. CHICAGO 60648

FEB. 1977

WIRING DIAGRAM



HOW TO ORDER REPAIR PARTS

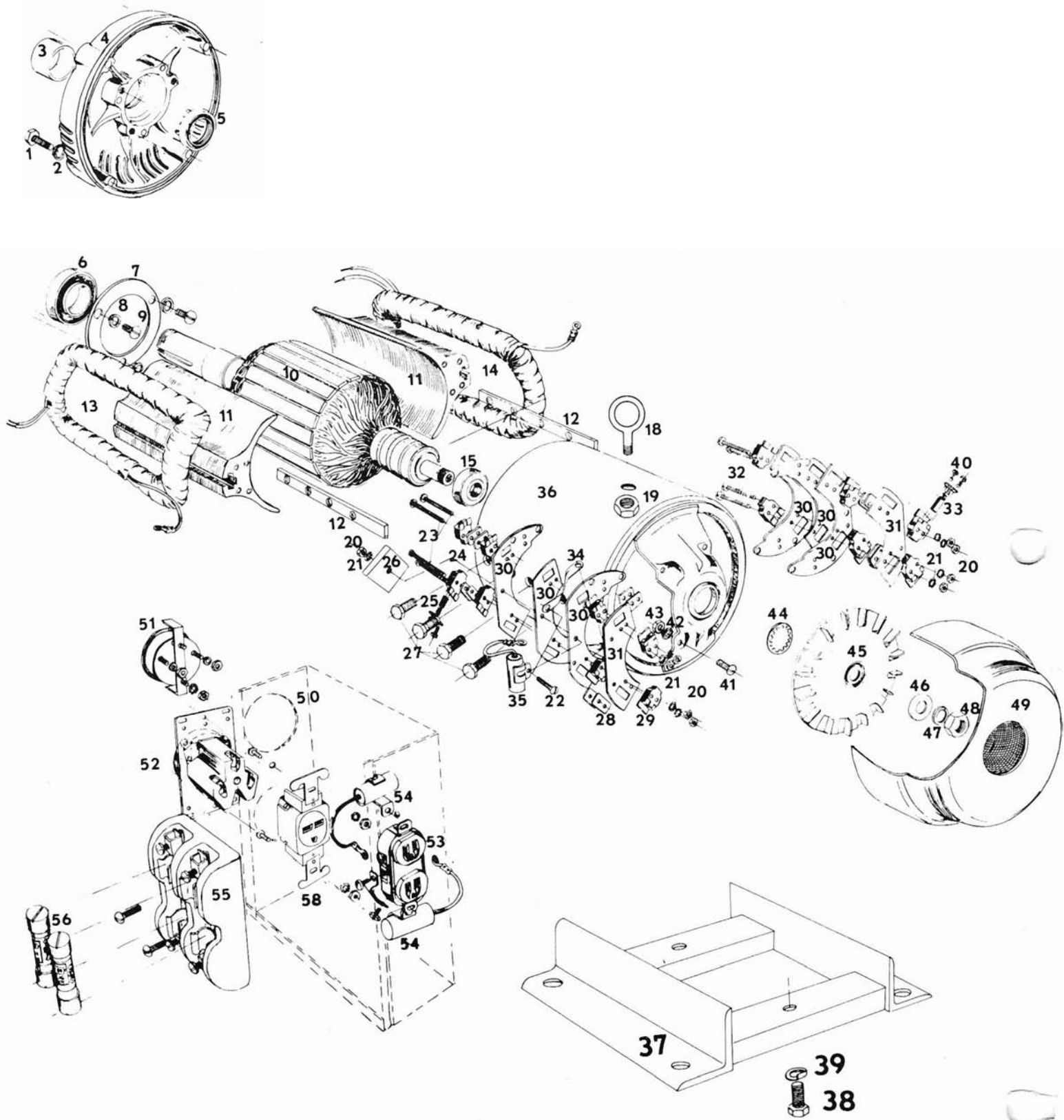
Please provide following information:

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

Address order to:

Dayton Electric Mfg. Co.
MERCHANDISE SERVICE DEPT.
5959 W. Howard St.
Chicago, Illinois 60648

PARTS LIST—MODEL 3W108, 20,000

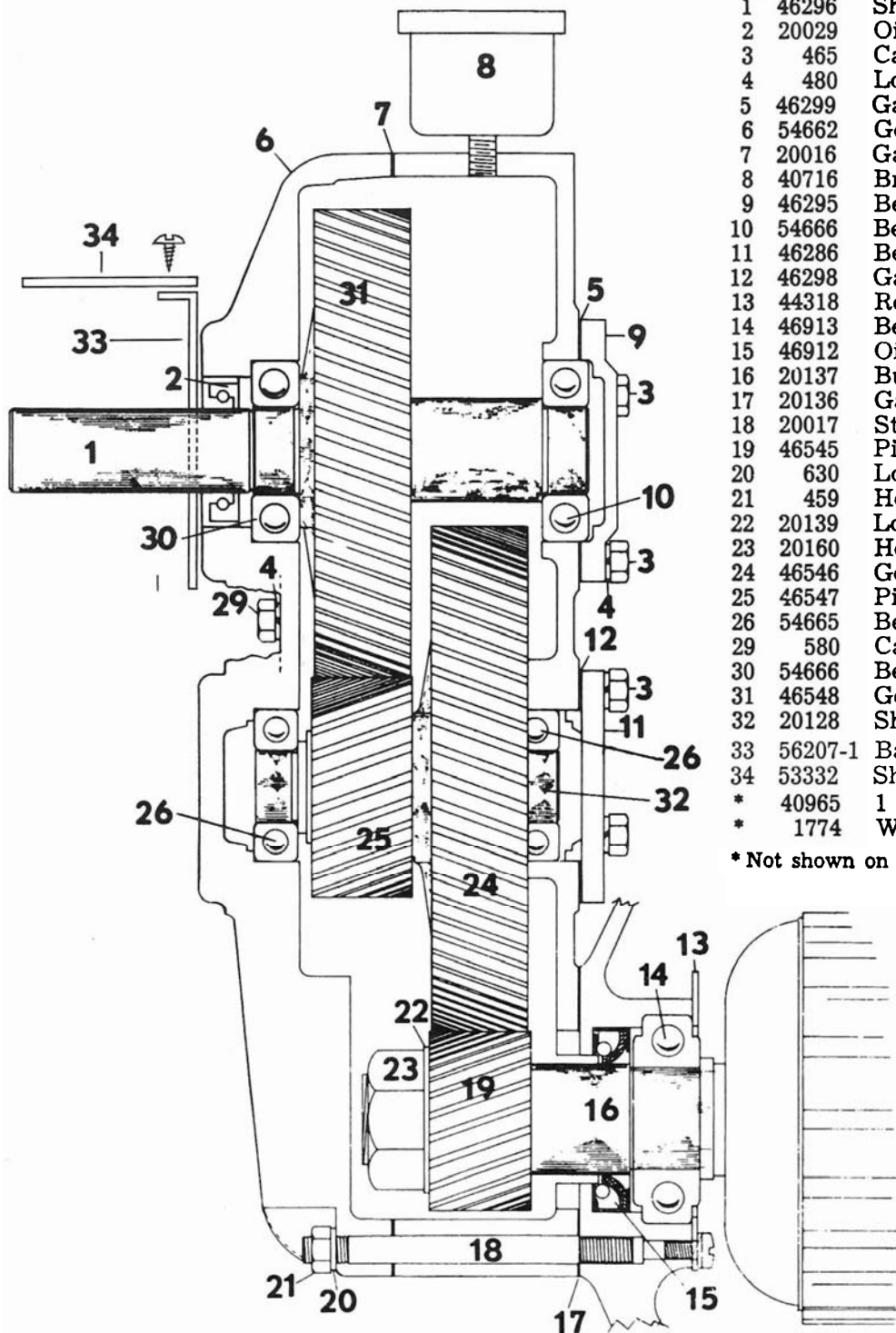


WATT POWER TAKE-OFF GENERATOR

Ref. No.	Description	Qty.	Part No.	Ref. No.	Description	Qty.	Part No.
1	Field Shell Cap Screw --	4	51101	31	Brush Holder Spacer --	2	52559
2	Field Shell Lockwasher..	4	480	32	Machine Screw	4	44342
3	Sleeve	1	20137	33	A.C. Brush	12	24981
4	End Bracket	1	54804	34	Ground Strap	1	41387-6
5	Oil Seal	1	46912	35	Condenser	1	41221
6	Bearing	1	46913	36	Field Shell & Bracket --	1	54734
7	Bearing Retainer Plate..	1	44318	37	Base Assembly	1	54754
8	Bearing Retainer Lockwasher	3	479	38	Hex Head Screw	2	48178
9	Bearing Retainer Screw..	3	45633	39	Lockwasher (split type)	2	636
10	Armature	1	52497-1	40	Brush Holder Screw --	28	40746
11	Pole Shoe Assembly --	2	43473	41	Machine Screw	4	4637
12	Pole Shoe Retainer ---	2	43474	42	Lockwasher	4	484
13	Field Coil Assembly ---	1	52563	43	Hex Nut	4	456
14	Field Coil Assembly ---	1	52563-1	44	Lockwasher (fan) ----	1	40552
15	Bearing	1	50215	45	Fan Assembly	1	23404
18	Eye Bolt	1	54790	46	Flat Washer (fan) ----	1	21867
19	Nut	3	1744	47	Lockwasher (fan) split type	1	20039
20	Hex Nut	9	5113	48	Hex Nut (fan)	1	9549
21	Lockwasher (split type)	9	6376	49	End Cover	1	23634
22	Machine Screw	1	23599	50	Control Box (only) --	1	54756
23	Machine Screw	4	21977	51	Voltmeter	1	52490
24	Brush Holders	2	23500	52	Receptacle	1	57325
25	Q Ring Brush	2	53949	53	Duplex Receptacle ----	1	24749
26	Rectifier	1	53976	54	Condensers	2	41221
27	Cap Screw	8	53806	55	Fuse Base	1	54773
28	Fiber Spacers	14	23532	56	Fuse	2	57410
29	A.C. Brush Holders ---	12	23500-2	57	Ground Lug	1	43743
30	Brush Holder Mounting Plate	6	53975	58	Receptacle	1	55278

GEAR CASE FOR POWER TAKE-OFF GENERATOR

MODEL 3W108, 20,000 WATTS



Ref. No.	Part No.	DESCRIPTION	Quantity
1	46296	Shaft	1
2	20029	Oil Seal	1
3	465	Cap Screw 5/16 - 18 x 7/8	6
4	480	Lockwasher 5/16"	18
5	46299	Gasket	1
6	54662	Gear Case & Cover	1
7	20016	Gasket	1
8	40716	Breather	1
9	46295	Bearing Retainer	1
10	54666	Bearing	1
11	46286	Bearing Retainer	1
12	46298	Gasket	1
13	44318	Retainer Plate	1
14	46913	Bearing	1
15	46912	Oil Seal	1
16	20137	Bushing	1
17	20136	Gasket	1
18	20017	Stud	3
19	46545	Pinion	1
20	630	Lockwasher	3
21	459	Hex Nut 3/8"	3
22	20139	Lockwasher	1
23	20160	Hex Jam Nut	1
24	46546	Gear	1
25	46547	Pinion	1
26	54665	Bearing	2
29	580	Cap Screw 5/16 - 18 x 1 1/4	12
30	54666	Bearing	1
31	46548	Gear	1
32	20128	Shaft	1
33	56207-1	Back Plate	1
34	53332	Shield	1
*	40965	1 Qt. Gear Oil	1
*	1774	Woodruff Key #15 (1/4 x 1")	4

* Not shown on drawing.



MADE & GUARANTEED BY

DAYTON ELECTRIC MFG. CO.—5959 W. HOWARD ST., CHICAGO 60648

Printed in the U.S.A.