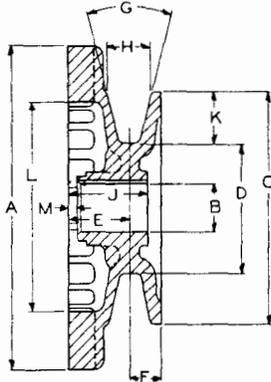


ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

FAN TYPE PULLEY DATA

Page 1
(Issued 4-16-56)



- A-Fan Diameter
- B-Bore Diameter
- C-Pulley Diameter
- D-Groove Depth Diameter
- E-Center Line of Groove to Face of Fan
- F-Center Line of Groove to Outside of Pulley
- G-Groove Angle
- H-Groove Width
- J-Outer End of Hub to Face of Fan
- K-Depth of Groove
- L-Fan Clearance
- M-Inner End of Hub to Face of Fan

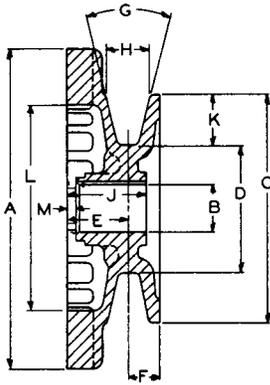
Part No.	A	B	C	D	E	F	G	H	J	K	L	M	Key Way Width
PU-5 †	6 15/32	.750	4 1/16	3 1/16	1.042	5/16	36°	3/8	1.385	1/2	4 3/8	.323	.158
PU-6 †	6 15/32	.750	3 13/16	2 13/16	1.042	5/16	36°	3/8	1.385	1/2	4 3/8	.323	.158
PU-9 †	5 31/32	.669	3 13/16	2 13/16	1.069	5/16	36°	3/8	1.372	1/2	3 1/4	.372	.158
PU-10 †	5 31/32	.669	4 1/16	3 1/16	1.069	5/16	36°	3/8	1.372	1/2	3 1/2	.372	.158
PU-20 †	5 15/32	.669	3 1/16	2 1/16	1.098	5/16	36°	3/8	1.323	1/2	3 1/4	.448	.127
PU-21	4 31/32	.669	3	1 5/8	1.000	15/32	34°	11/16	1.125	11/16	3	.219	.127
PU-26 †	5 31/32	.669	3 1/4	1 7/8	1.171	15/32	34°	11/16	1.372	11/16	3	.372	.158
PU-29 †	5 31/32	.669	4 3/8	2 7/8	1.884	9/16	32°	27/32	1.372	3/4	4	.372	.158
PU-33, A, AS †	5 15/32	.669	3	2	1.136	3/8	34°	1/2	1.323	1/2	3 1/4	.448	.127
PU-38 †	6 15/32	.750	5	3 1/2	1.183	9/16	36°	3/4	1.635	3/4	4 3/8	.323	.158
PU-39, S †	7 15/32	.875	3 5/8	2 5/8	1.565	21/32	36°	3/8	2.235	1/2	5 1/8	.627	Spline
PU-43 †	5 31/32	.669	3 1/2	2 3/16	2.040	7/16	38°	5/8	1.372	21/32	3 1/4	.372	.158
PU-57 †	5 31/32	.669	4	2 13/16	1.171	17/32	28°	5/8	1.372	19/32	3	.372	.158
PU-69 †	6 15/32	.750	5 1/8	4 1/8	.948	5/16	36°	3/8	1.385	1/2	4 3/8	.323	.158
PU-70 †	6 15/32	.750	3	1 3/4	1.142	15/32	34°	11/16	1.385	5/8	4 3/8	.232	.158
PU-78 †	6 15/32	.750	3 1/4	2 1/16	.892	15/32	28°	5/8	1.323	19/32	4 3/8	.323	.158
PU-79 †	6 15/32	.750	3 1/2	2 5/16	.892	15/32	28°	5/8	1.323	19/32	4 3/8	.323	.158
PU-83, A, S †	5 15/32	.669	3	2 1/8	1.316	3/8	34°	1/2	1.323	7/16	3 1/4	.448	.127
PU-90 †	5 31/32	.750	4	2 3/8	1.166	17/32	34°	13/16	1.472	13/16	3 1/2	.535	.158
PU-94 †	5 15/32	.750	4 1/16	3 1/16	1.097	5/16	36°	3/8	1.488	1/2	3 1/4	.614	.158
PU-95 †	5 31/32	.750	3 5/16	2 5/16	1.066	5/16	36°	3/8	1.472	1/2	3 1/2	.535	.158
PU-96 †	5 31/32	.750	3 9/16	2 9/16	1.066	5/16	36°	3/8	1.472	1/2	3 1/2	.535	.158
PU-97 †	5 31/32	.750	3 13/16	2 13/16	1.066	5/16	36°	3/8	1.472	1/2	3 1/2	.535	.158
PU-98 †	5 31/32	.750	4 1/16	3 1/16	1.066	5/16	36°	3/8	1.472	1/2	3 1/2	.535	.158
PU-101 †	5 15/32	.750	4	2 3/8	1.291	17/32	34°	13/16	1.488	13/16	3 1/4	.614	.158
PU-102 †	5 15/32	.750	3 9/16	2 9/16	1.097	5/16	36°	3/8	1.488	1/2	3 1/4	.614	.158
PU-106, A, AS †	5 31/32	.669	3	1 3/4	1.424	7/16	38°	5/8	1.372	5/8	4	.372	.158
PU-109, S †	5 31/32	.669	3 1/2	2 5/8	1.172	3/8	34°	1/2	1.372	7/16	4	.372	.158
PU-112 †	6 15/32	.750	3 5/16	2 3/16	1.385	3/8	36°	1/2	1.385	9/16	4 3/8	.323	.158
PU-137 †	5 31/32	.669	3 1/16	2 1/16	1.069	5/16	36°	3/8	1.372	1/2	2 5/16	.372	.158
PU-144 †	5 15/32	.669	3 1/2	1 7/8	1.291	17/32	34°	13/16	1.323	13/16	3 1/4	.448	.127
PU-147 †	6 15/32	.750	3 1/2	1 7/8	1.142	17/32	34°	13/16	1.385	13/16	4 3/8	.323	.158
PU-151 †	5 31/32	.669	3 1/2	1 7/8	1.171	17/32	34°	13/16	1.372	13/16	4	.372	.158
PU-162 †	6 15/32	.750	2 13/16	1 11/16	1.042	5/16	36°	3/8	1.385	9/16	4 3/8	.323	.158
PU-163 †	5 15/32	.669	4 3/16	3 1/16	1.098	5/16	36°	3/8	1.323	9/16	3 1/4	.448	.127
PU-166 †	5 15/32	.750	4 1/2	3 1/8	1.191	15/32	36°	11/16	1.488	11/16	3 1/4	.614	.158
PU-169 †	6 15/32	.750	3 1/2	2 5/8	1.142	15/32	34°	1/2	1.385	7/16	4 3/8	.323	.158
PU-170 †	6 15/32	.750	3 3/8	2 1/8	1.217	3/8	36°	9/16	1.385	5/8	4 3/8	.323	.158
PU-171 †	5 15/32	.750	3 1/2	1 7/8	1.291	17/32	34°	13/16	1.488	13/16	3 1/4	.614	.158
PU-177 †	5 15/32	.669	2 13/16	1 9/16	1.351	3/8	36°	9/16	1.295	5/8	3 3/8	.420	.127
PU-180 †	5 15/32	.669	2 11/16	1 9/16	1.035	11/32	36°	3/8	1.323	1/2	3 1/4	.448	.127
PU-182 †	5 31/32	.750	3 1/2	2 1/8	1.166	17/32	34°	11/16	1.472	11/16	4	.535	.158
PU-190 †	6 15/32	.750	3 11/16	2 3/8	1.217	3/8	36°	9/16	1.948	5/8	4 3/8	.323	.158
PU-191 †	6 15/32	.750	4	3 1/32	1.217	5/16	36°	3/8	1.948	1/2	4 3/8	.323	.158
PU-192 †	6 15/32	.750	3 1/3	2 5/16	1.217	3/8	36°	3/8	1.948	1/2	4 3/8	.323	.158
PU-193 †	6 15/32	.750	3	2 1/32	1.042	5/16	36°	7/16	1.948	1/2	4 3/8	.323	.158

† C. W. Only.
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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

FAN TYPE PULLEY DATA

Page 2



- A-Fan Diameter
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- C-Pulley Diameter
- D-Groove Depth Diameter
- E-Center Line of Groove to Face of Fan
- F-Center Line of Groove to Outside of Pulley
- G-Groove Angle
- H-Groove Width
- J-Outer End of Hub to Face of Fan
- K-Depth of Groove
- L-Fan Clearance
- M-Inner End of Hub to Face of Fan

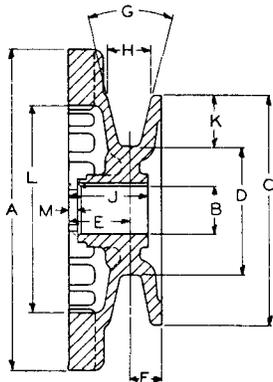
Part No.	A	B	C	D	E	F	G	H	J	K	L	M	Key Way Width
PU-204 †	5 31/32	.669	3 1/8	1 7/8	1.233	3/8	36°	9/16	1.361	1/2	4	.361	.158
PU-205 †	5 31/32	.669	3 5/8	2 1/2	1.233	3/8	36°	1/2	1.361	9/16	4	.361	.158
PU-1001 †	5 15/32	.669	3 1/8	2 1/8	1.170	3/8	36°	3/8	1.295	1/2	3 1/4	.170	.127
PU-1004, A, AS, S †	5 15/32	.669	3 9/16	2 9/16	1.065	25/64	36°	3/8	1.290	1/2	3 1/4	.165	.127
PU-1014 †	5 15/16	.669	3 13/16	2 13/16	1.062	25/64	36°	3/8	1.360	1/2	4	.110	.158
PU-1017 †	5 15/32	.669	3 5/16	2 5/16	1.065	25/64	36°	3/8	1.290	1/2	3 1/4	.165	.127
PU-1041, A, AS †	5 15/16	.669	4 1/16	3 1/16	1.062	25/64	36°	3/8	1.360	1/2	4	.110	.158
PU-1071	5 15/32	.669	3 13/16	2 13/16	1.065	25/64	36°	3/8	1.290	1/2	3 1/4	.165	.127
PU-1073, A †	5 15/32	.669	4 1/16	3 1/16	1.065	25/64	36°	3/8	1.290	1/2	3 1/4	.165	.127
PU-1075, S †	5 15/32	.669	3 5/16	2 5/16	1.289	25/64	36°	3/8	1.290	1/2	3 1/4	.165	.127
PU-1080, S †	5 15/32	.669	3 1/4	2	1.157	1/2	36°	5/8	1.313	5/8	3 1/4	.188	.127
PU-1092 †	5 15/32	.750	3 9/16	2 9/16	1.078	3/8	36°	3/8	1.468	1/2	3 1/4	.257	.158
PU-1115 †	5 15/32	.750	3 5/16	2 5/16	1.070	3/8	36°	3/8	1.460	1/2	3 1/4	.249	.158
PU-1139 †	5 15/32	.750	3 13/16	2 13/16	1.070	25/64	36°	3/8	1.460	1/2	3 1/4	.249	.158
PU-1152 †	5 15/32	.669	3 1/8	1 15/16	1.007	3/8	36°	7/16	1.295	1/2	3 1/4	.170	.127
PU-1164A †	5 15/32	.669	3 1/4	2	1.346	29/64	36°	9/16	1.290	5/8	3 1/4	.165	.127
PU-1164B †	5 15/32	.669	3 1/4	2	1.346	29/64	36°	9/16	1.290	5/8	3 1/4	.165	.127
PU-1183 †	5 15/32	.750	3 11/16	2 9/16	1.070	3/8	36°	7/16	1.460	9/16	3 1/4	.249	.158
PU-1196 †	5 15/32	.669	3 3/16	3 1/4	1.290	25/64	36°	7/16	1.290	1/2	3 1/4	.165	.127

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

FAN TYPE PULLEY DATA

Page 3
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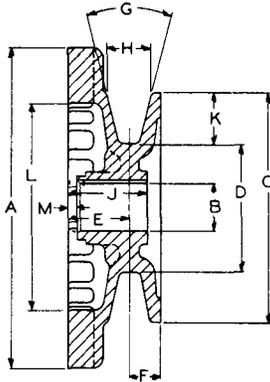


- A-Fan Diameter
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- E-Center Line of Groove to Face of Fan
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- K-Depth of Groove
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- M-Inner End of Hub to Face of Fan

Part No.	A	B	C	D	E	F	G	H	J	K	L	M	Key Way Width
SP-93	4 15/32	.669	3 1/16	1 11/16	1.375	15/32	38°	11/16	1.125	11/16	2 7/8	0	.127
SP-93A	4 15/32	.669	2 7/8	1 1/2	1.375	15/32	38°	11/16	1.125	11/16	2 7/8	0	.127
SP-94	4 15/32	.669	3 1/16	1 1/2	.937	17/32	38°	3/4	1.125	25/32	2 7/8	0	.127
SP-94S	4 15/32	.669	3 1/16	1 1/2	.937	17/32	38°	3/4	1.125	25/32	2 7/8	0	.127
SP-95	4 15/32	.669	3 5/8	2 1/4	1.000	15/32	34°	11/16	1.125	11/16	2 7/8	0	.127
SP-134	4 15/32	.669	3 3/4	2 1/2	1.119	15/32	38°	3/4	1.125	5/8	2 7/8	0	.127
SP-135	4 15/32	.669	3 7/8	2 3/8	.994	1/2	38°	3/4	1.125	3/4	2 7/8	0	.127
SP-152	4 15/32	.669	3 7/8	2 1/2	1.000	15/32	34°	11/16	1.125	11/16	2 7/8	0	.127
SP-153	4 15/32	.669	3 1/2	2 1/8	1.000	15/32	34°	11/16	1.125	11/16	2 7/8	0	.127
SP-154	4 15/32	.669	3	1 5/8	1.000	15/32	34°	11/16	1.125	11/16	2 7/8	0	.127
SP-157, A	4 15/32	.669	3 1/4	1 7/8	1.000	15/32	34°	11/16	1.125	11/16	2 7/8	0	.127
SP-160	4 15/32	.669	3 7/8	2 1/2	1.000	15/32	38°	3/4	1.125	11/16	2 7/8	0	.127
SP-161	4 15/32	.669	4 3/4	3 1/4	1.125	9/16	36°	7/8	1.125	3/4	2 7/8	0	.127
SP-162	4 15/32	.669	4 1/2	3	1.125	9/16	36°	7/8	1.125	3/4	2 7/8	0	.127
SP-163	4 15/32	.669	4 13/32	2 29/32	1.283	1/2	38°	3/4	1.125	29/32	2 7/8	0	.127
SP-185	4 15/32	.669	3 1/2	2	.929	15/32	38°	3/4	1.125	3/4	2 7/8	0	.127
SP-191	4 15/32	.669	3 1/4	2	1.119	15/32	38°	3/4	1.125	5/8	2 7/8	0	.127
SP-198	5 15/32	.669	3 1/2	1 15/16	1.507	17/32	38°	3/4	1.375	25/32	4	0	.158
SP-199	4 15/32	.669	3 3/4	2 1/8	1.770	17/32	34°	13/16	1.125	13/16	2 7/8	0	.127
SP-199A	4 15/32	.669	3 3/4	2 1/4	1.770	17/32	38°	7/8	1.125	3/4	2 7/8	0	.127
SP-205	4 15/32	.669	3 13/16	2 5/16	1.125	17/32	38°	7/8	1.125	3/4	2 7/8	0	.127
SP-211	4 31/32	.669	3 7/8	2 3/8	1.226	19/32	35°	1	1.375	3/4	3 3/8	0	.158
SP-212	6 1/2	.985	4 3/8	2 7/8	1.546	9/16	38°	7/8	1.297	3/4	4 3/4	.172	.158
SP-214	4 15/32	.669	3 1/4	1 3/4	1.125	9/16	36°	7/8	1.125	3/4	2 7/8	0	.127
SP-216	4 15/32	.669	2 19/32	1 19/32	.843	3/8	30°	1/2	1.125	1/2	2 7/8	0	.127
SP-217	6 1/2	.985	5 1/4	3 5/8	1.719	1/2	36°	13/16	1.297	13/16	4 3/4	.172	.158
SP-218	4 31/32	.669	4	2 3/8	1.290	1/2	34°	13/16	1.375	13/16	3 3/8	0	.158
SP-222	4 31/32	.669	3 7/8	2 1/2	1.172	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-231	4 31/32	.669	6	4 5/8	1.172	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-232	4 31/32	.669	3 1/4	1 7/8	1.172	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-233	5 15/32	.669	3 3/8	1 3/4	1.279	17/32	34°	13/16	1.375	13/16	4	0	.158
SP-238	4 15/32	.669	4 1/2	3 1/8	1.000	15/32	34°	11/16	1.125	11/16	2 7/8	0	.127
SP-240	4 31/32	.669	4 1/4	2 5/8	2.020	17/32	34°	13/16	1.125	13/16	3 3/8	0	.127
SP-244	4 15/32	.669	3 3/4	2 1/4	1.770	17/32	34°	7/8	1.125	3/4	2 7/8	0	.127
SP-246	4 15/32	.669	3	1 5/8	1.119	1/2	38°	3/4	1.125	11/16	2 7/8	0	.127
SP-253	4 15/32	.669	3	1 15/32	1.119	9/16	36°	1	1.125	3/4	2 7/8	0	.127
SP-254	4 1/8	.669	4 1/8	2 3/8	.806	5/8	34°	1	1.125	7/8	2 7/8	0	.127
SP-258	4 31/32	.669	7 1/8	5 3/4	1.172	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-259	4 31/32	.669	4 1/2	3 1/8	1.172	15/32	34°	11/16	1.375	13/16	3 3/8	0	.158
SP-260	4 15/32	.669	3 7/8	2 3/8	1.054	19/32	35°	1	1.125	3/4	2 7/8	0	.127
SP-278	4 13/16	.625	4 1/16	2 3/4	.8125	1/2	28°	3/4	.906	21/32	2 7/8	.125	.188
SP-279	4 15/32	.669	4 1/16	2 3/4	.899	1/2	28°	3/4	1.125	21/32	2 7/8	0	.127
SP-286	4 31/32	.669	3 7/8	2 3/8	1.000	1/2	38°	3/4	1.375	3/4	3 3/8	0	.158
SP-287	4 31/32	.669	3 1/16	1 1/2	1.000	1/2	38°	3/4	1.375	25/32	3 3/8	0	.158
SP-289	4 31/32	.669	3 1/2	2 1/8	1.000	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-290	4 31/32	.669	4 3/4	3 1/4	1.125	9/16	36°	7/8	1.375	3/4	3 3/8	0	.158
SP-291	4 31/32	.669	3 7/8	2 3/8	1.000	15/32	34°	11/16	1.375	3/4	3 3/8	0	.158
SP-314	4 15/32	.669	4 1/8	2 1/4	1.119	5/8	38°	1	1.125	15/16	2 7/8	0	.127
SP-316	4 31/32	.669	3 1/2	2 3/8	1.000	7/16	28°	5/8	1.375	9/16	3 3/8	0	.158
SP-317	4 31/32	.669	4 1/8	2 3/8	1.000	1/2	38°	3/4	1.375	7/8	3 3/8	0	.158

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

FAN TYPE PULLEY DATA



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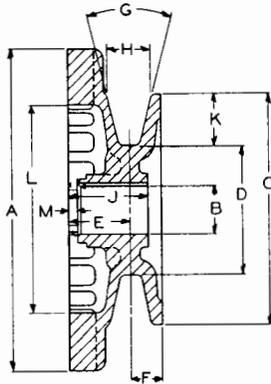
Part No.	A	B	C	D	E	F	G	H	J	K	L	M	Key Way Width
SP-320	4 31/32	.669	3 15/16	2 5/8	1.000	1/2	28°	3/4	1.375	21/32	3 3/8	0	.158
SP-322	4 15/32	.669	3 13/16	2 3/16	1.125	17/32	34°	13/16	1.125	13/16	2 7/8	0	.127
SP-325	4 31/32	.669	3 1/4	1 7/8	1.000	15/32	34°	11/16	1.125	11/16	3	0	.127
SP-333	4 15/32	.669	3	1 3/4	1.375	15/32	36°	11/16	1.125	5/8	2 7/8	0	.127
SP-336	4 15/32	.669	3 1/2	2	.994	1/2	36°	3/4	1.125	3/4	2 7/8	0	.127
SP-338	4 15/32	.669	3 1/4	2	1.170	15/32	34°	5/8	1.125	5/8	2 7/8	0	.127
SP-340	5 15/32	.669	3 1/2	2	1.273	15/32	38°	3/4	1.375	3/4	4	0	.158
SP-342	6 1/2	.985	4 3/8	2 7/8	1.484	9/16	34°	7/8	1.297	3/4	4 3/4	.172	.158
SP-349	4 31/32	.625	3 3/4	2 3/8	.896	1/2	28°	3/4	.984	11/16	3	0	.189
SP-352	4 31/32	.669	4 1/4	2 7/8	1.100	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-356	4 31/32	.669	2 1/2	1 1/4	.937	1/2	38°	3/4	1.125	5/8	3	0	.127
SP-358	4 15/32	.669	4 1/16	2 9/16	1.119	9/16	38°	7/8	1.125	3/4	2 7/8	0	.127
SP-362	4 31/32	.669	3 1/4	1 7/8	.905	1/2	28°	3/4	1.375	11/16	3 3/8	0	.158
SP-368	4 15/32	.669	3	1 3/8	1.125	17/32	34°	13/16	1.125	13/16	2 7/8	0	.127
SP-370	4 31/32	.669	3 3/4	2 1/4	1.054	19/32	35°	1	1.125	3/4	3 3/8	0	.127
SP-376	4 31/32	.669	3	1 3/4	1.141	15/32	36°	5/8	1.375	5/8	3 3/8	0	.158
SP-379	4 31/32	.669	4 1/2	3	1.000	17/32	36°	13/16	1.125	3/4	3	0	.127
SP-384	5 15/32	.669	4 1/2	2 7/8	1.195	17/32	34°	13/16	1.375	13/16	4	0	.158
SP-386	4 31/32	.669	3 1/2	1 15/16	1.478	17/32	34°	3/4	1.375	25/32	3 3/8	0	.158
SP-388	4 15/32	.669	3 3/4	2 1/8	1.125	17/32	34°	13/16	1.125	13/16	2 7/8	0	.127
SP-389	4 31/32	.669	3	1 5/8	1.000	15/32	34°	11/16	1.125	11/16	3	0	.127
SP-393	4 31/32	.669	2 1/2	1 1/4	1.000	1/2	38°	3/4	1.375	5/8	3 3/8	0	.158
SP-395	5 15/32	.669	4 5/8	3 3/8	1.344	29/64	34°	21/32	1.375	5/8	4	0	.158
SP-396	4 31/32	.669	3 11/16	2 1/4	.968	15/32	28°	5/8	1.375	23/32	3 3/8	0	.158
SP-408	4 31/32	.669	3 1/2	2	1.100	1/2	36°	3/4	1.375	3/4	3 3/8	0	.158
SP-409	4 31/32	.669	4	2 5/8	1.172	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-410	4 31/32	.669	3 3/4	2 3/8	1.172	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-411	4 31/32	.669	4 5/8	3 3/8	1.344	29/64	34°	21/32	1.375	5/8	3 3/8	0	.158
SP-412	6 1/2	.985	5 1/4	3 7/8	.972	1/2	36°	11/16	1.297	11/16	4 3/4	.172	.158
SP-413	4 15/32	.669	3 7/8	2 5/8	1.000	7/16	34°	5/8	1.125	5/8	2 7/8	0	.127
SP-415	4 31/32	.669	3 1/2	2 1/8	1.172	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-416	4 15/32	.669	5	3 3/8	1.119	17/32	36°	13/16	1.125	13/16	2 7/8	0	.127
SP-419*	4 31/32	.669	4 3/8	2 7/8	.886	7/8	28°	5/8	1.375	23/32	3 3/8	0	.158
SP-423	3 17/32	.500	2	1 1/4	.6955	9/32	28°	3/8	.742	3/8	2 5/8	.031	.096
SP-424	4 31/32	.669	4 1/2	2 5/8	1.290	19/32	34°	15/16	1.375	15/16	3 3/8	0	.158
SP-427	4 31/32	.669	3	1 3/4	1.547	1/2	36°	11/16	1.375	5/8	3 3/8	0	.158
SP-428	4 31/32	.669	3 1/2	2	1.054	19/32	35°	1	1.125	3/4	3	.219	.127
SP-429	4 31/32	.669	3 3/16	1 3/4	.968	15/32	28°	5/8	1.375	23/32	3 3/8	0	.158
SP-431 †	5 15/16	.669	4	2 5/8	1.172	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-433	4 31/32	.669	3	1 5/8	1.290	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-441	4 15/32	.669	4 1/2	2 5/8	1.125	11/32	34°	13/16	1.125	13/16	2 7/8	0	.127
SP-444A †	5 15/16	.669	3 3/4	2 1/2	1.934	9/16	34°	7/8	1.777	5/8	3 3/8	.465	.127
SP-444AS†	5 15/16	.669	3 3/4	2 1/2	1.934	9/16	34°	7/8	1.777	5/8	3 3/8	.093	.127
SP-446	4 31/32	.669	3 1/4	1 5/8	1.290	17/32	34°	13/16	1.375	13/16	3 3/8	0	.158
SP-460	4 15/32	.669	2 1/2	1 1/2	1.125	3/8	34°	1/2	1.125	1/2	2 7/8	0	.127
SP-462	4 31/32	.669	3 3/4	2 1/8	1.730	1/2	34°	13/16	1.125	13/16	3 3/8	0	.127
SP-464	6 1/2	.985	4 3/8	2 7/8	1.534	9/16	34°	7/8	1.297	3/4	4 3/4	.172	.158

* Special Ford.
† C. W. Only.

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

FAN TYPE PULLEY DATA

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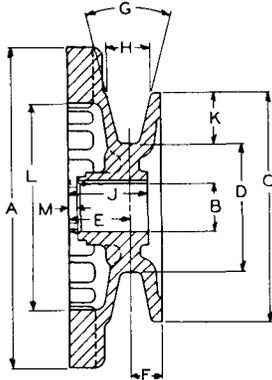
- A-Fan Diameter
- B-Bore Diameter
- C-Pulley Diameter
- D-Groove Depth Diameter
- E-Center Line of Groove to Face of Fan
- F-Center Line of Groove to Outside of Pulley
- G-Groove Angle
- H-Groove Width
- J-Outer End of Hub to Face of Fan
- K-Depth of Groove
- L-Fan Clearance
- M-Inner End of Hub to Face of Fan

Part No.	A	B	C	D	E	F	G	H	J	K	L	M	Key Way Width
SP-465A, B, C, CS	4 31/32	.669	3 13/16	2 3/16	1.125	17/32	34°	13/16	1.125	13/16	3	0	.127
SP-467 †	5 15/16	.669	4	2 5/8	1.887	15/32	34°	11/16	1.780	11/16	3 5/8	.093	.127
SP-470 †	5 15/16	.669	4 11/16	3 5/16	1.887	15/32	36°	11/16	1.780	11/16	3 5/8	.093	.127
SP-471 †	5 15/16	.669	3 1/4	1 7/8	1.172	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-471A †	5 31/32	.669	3 1/4	2 1/16	1.172	15/32	28°	5/8	1.372	19/32	3 3/8	.372	.158
SP-471B †	5 31/32	.669	3 1/4	2 5/8	1.172	15/32	34°	11/16	1.372	11/16	3 3/8	.372	.158
SP-482	4 31/32	.669	3 1/2	2 3/16	1.100	7/16	38°	5/8	1.375	21/32	3 3/8	0	.158
SP-484A †	4 31/32	.669	3 1/2	2 3/16	2.059	7/16	38°	5/8	1.777	21/32	3 3/8	.465	.127
SP-484AB†	4 31/32	.669	3 1/2	2 3/16	2.075	1/2	34°	3/4	1.777	21/32	3 3/8	.465	.127
SP-484ABS†	4 31/32	.669	3 1/2	2 3/16	2.075	1/2	34°	3/4	1.777	21/32	3 3/8	.093	.127
SP-484AC, AD †	4 31/32	.669	3 1/2	2 3/16	2.059	7/16	38°	5/8	1.777	21/32	3 3/8	.465	.127
SP-484AS †	4 31/32	.669	3 1/2	2 3/16	2.059	7/16	38°	5/8	1.777	21/32	3 3/8	.093	.127
SP-486	4 31/32	.750	4 1/2	3	1.143	1/2	38°	13/16	1.768	3/4	3	.268	.158
SP-493†	6 1/2	.985	4 3/8	3	1.154	15/32	34°	11/16	1.375	11/16	3 3/4	0	.158
SP-496†	5 31/32	.669	3 3/4	2 3/8	1.172	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-496A†	5 31/32	.669	3 3/4	2 3/8	1.172	15/32	34°	11/16	1.375	11/16	3 3/8	.372	.158
SP-502A†	4 31/32	.669	4	2 5/8	1.887	15/32	34°	11/16	1.777	11/16	3 3/8	.465	.127
SP-556A	4 31/32	.669	2 1/2	1 1/2	.813	3/8	30°	1/2	1.125	1/2	3 3/8	0	.127
SP-571†	4 31/32	.669	3 3/4	2 1/2	1.934	9/16	34°	7/8	1.780	5/8	3 3/8	.093	.127
SP-571A†	4 31/32	.669	3 3/4	2 1/2	1.934	9/16	34°	7/8	1.777	5/8	3 3/8	.465	.127
SP-580	5 15/32	.669	4 1/2	2 5/8	1.366	5/8	34°	1	1.375	15/16	4	0	.158
SP-581	7 1/2	.985	4	2 5/8	1.628	15/32	34°	11/16	1.297	11/16	5 1/8	.172	.158
SP-584	3 17/32	.500	4 5/16	3 3/16	.890	15/32	36°	11/16	.879	9/16	2 5/8	.031	.096
SP-594†	5 15/16	.669	3 3/4	2 3/8	1.190	15/32	34°	11/16	1.780	11/16	3 3/8	.093	.127
SP-610	4 31/32	.669	3 1/2	2 1/2	1.000	3/8	34°	1/2	1.125	1/2	3	0	.127
SP-611	4 31/32	.669	4 1/8	2 3/4	1.172	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-640A†	4 31/32	.669	3 3/4	2 1/2	1.340	7/16	34°	5/8	1.777	5/8	3 3/8	.465	.127
SP-640AS†	4 31/32	.669	3 3/4	2 1/2	1.340	7/16	34°	5/8	1.777	5/8	3 3/8	.093	.127
SP-641A	4 15/32	.669	2 7/8	1 5/8	1.375	7/16	34°	5/8	1.125	5/8	2 7/8	0	.127
SP-668	7 1/2	.985	5	3 5/8	1.752	9/16	34°	7/8	1.297	11/16	5 1/8	.172	.158
SP-688	7 1/2	.985	4	2 3/4	1.752	9/16	45°	7/8	1.297	5/8	5 1/8	.172	.158
SP-698†	6 1/2	.669	4 3/8	3	1.741	15/32	34°	11/16	1.375	11/16	3 3/4	0	.158
SP-724	6 1/2	.875	4 1/2	3	1.528	19/32	36°	7/8	2.232	3/4	4 3/4	.6225	Spline
SP-741	4 31/32	.669	3 13/16	2 13/16	1.125	3/8	34°	1/2	1.125	1/2	3	0	.127
SP-743	7 1/2	.985	8 7/8	7 1/2	1.752	7/16	38°	21/32	1.297	11/16	5 1/8	.172	.158
SP-753†	5 15/16	.669	3 3/4	2 1/2	1.340	7/16	34°	5/8	1.777	5/8	3 3/8	.465	.127
SP-755	6 1/2	.875	3 3/4	2 1/2	2.190	7/16	38°	5/8	2.235	5/8	4 3/4	.6275	Spline
SP-757B	4 31/32	.669	3 7/8	2 1/2	1.000	15/32	34°	11/16	1.125	11/16	3	0	.127
SP-762	6 1/2	.875	4 1/2	3	1.528	19/32	36°	7/8	2.232	3/4	4 3/4	.6225	Spline
SP-806†	5 31/32	.669	3 1/2	2 1/8	1.172	15/32	34°	11/16	1.375	11/16	3 3/8	0	.158
SP-806A†	5 31/32	.669	3 1/2	2 5/16	1.172	15/32	28°	5/8	1.372	19/32	3 3/8	.372	.158
SP-808†	5 15/16	.669	4	3	1.223	3/8	36°	1/2	1.375	1/2	3 3/8	0	.158
SP-818†	5 15/16	.669	3 3/16	2 3/16	1.309	17/32	34°	13/16	1.777	13/16	3 3/8	.465	.127
SP-826,S	4 15/32	.669	3 13/16	2 1/2	1.323	7/16	34°	5/8	1.786	21/32	2 1/2	0	.127
SP-842	4 31/32	.669	3 1/4	1 7/8	1.119	9/16	34°	7/8	1.125	11/16	3	0	.127

† C. W. Only.

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

FAN TYPE PULLEY DATA



- A-Fan Diameter
- B-Bore Diameter
- C-Pulley Diameter
- D-Groove Depth Diameter
- E-Center Line of Groove to Face of Fan
- F-Center Line of Groove to Outside of Pulley
- G-Groove Angle
- H-Groove Width
- J-Outer End of Hub to Face of Fan
- K-Depth of Groove
- L-Fan Clearance
- M-Inner End of Hub to Face of Fan

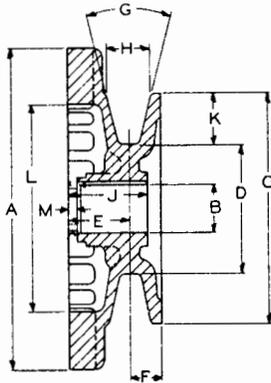
Part No.	A	B	C	D	E	F	G	H	J	K	L	M	Key Way Width
SP-844	4 31/32	.669	4 1/8	2 1/4	1.119	5/8	38°	1	1.125	15/16	3	0	.127
SP-849†	5 15/16	.669	4 3/8	2 7/8	1.259	9/16	32°	7/8	1.372	3/4	3 3/8	.372	.158
SP-852†	5 31/32	.669	4 1/2	2 7/8	1.692	17/32	34°	13/16	1.786	13/16	3 1/8	.473	.127
SP-858	4 31/32	.669	3 1/4	1 7/8	1.000	15/32	34°	11/16	1.121	11/16	3	.277	.127
SP-862	4 31/32	.669	4 1/2	3	1.093	17/32	36°	13/16	1.125	3/4	3	0	.127
SP-863†	5 31/32	.750	4 1/2	2 7/8	1.769	13/32	34°	13/16	1.786	13/16	4	.473	.158
SP-865†	6 15/32	.750	4 1/2	2 7/8	1.183	17/32	34°	13/16	1.388	13/16	4 3/8	.323	.158
SP-873†	6 15/32	.750	3 1/2	2 1/8	1.417	15/32	34°	11/16	1.385	11/16	4 3/8	.323	.158
SP-874†	6 15/32	.750	3 1/2	2 1/8	1.417	15/32	34°	11/16	1.385	11/16	4 3/8	.323	.158
SP-875†	6 15/32	.750	3 3/4	3 1/16	1.196	19/32	35°	1	1.385	11/32	4 3/8	.323	.158
SP-877†	7 15/32	.875	4 1/2	2 5/8	2.217	5/8	34°	15/16	2.232	15/16	5 1/8	.6225	Spline
SP-879†	6 15/32	.750	5	3 3/8	1.183	9/16	36°	7/8	1.636	13/16	4 3/8	.323	.158
SP-880†	5 31/32	.669	3 1/2	2	1.126	1/2	36°	3/4	1.341	3/4	3 3/4	.372	.158
SP-882†	6 15/32	.750	4	2 5/8	1.160	15/32	34°	11/16	1.385	11/16	4 3/8	.323	.158
SP-887†	5 31/32	.669	3 1/2	2 1/8	1.172	15/32	34°	11/16	1.372	11/16	3 3/8	.372	.158
SP-894†	5 31/32	.669	4 1/2	3 3/8	1.172	15/32	36°	11/16	1.372	11/16	3 3/8	.372	.158
SP-895†	5 31/32	.669	4	2 3/8	1.291	17/32	34°	13/16	1.372	13/16	3 3/4	.372	.158
SP-896†	5 31/32	.669	3 1/4	1 5/8	1.291	17/32	34°	13/16	1.372	13/16	3 3/4	.372	.158
SP-899, A†	5 31/32	.669	4	2 5/8	1.172	15/32	34°	11/16	1.372	11/16	3 3/4	.372	.158
SP-900†	5 31/32	.669	3	1 5/8	1.547	15/32	34°	11/16	1.372	11/16	3 3/4	.372	.158
SP-901†	7 15/32	.875	3 3/4	2 1/8	1.622	19/32	34°	7/8	2.232	13/16	5 1/8	.6225	Spline
SP-903†	6 15/32	.750	3 1/4	1 7/8	1.142	15/32	34°	11/16	1.386	11/16	4 3/8	.323	.158
SP-904†	6 15/32	.750	3 1/2	2 1/8	1.142	15/32	34°	11/16	1.385	11/16	4 3/8	.323	.158
SP-904A†	6 15/32	.750	3 1/4	2 1/16	1.142	15/32	28°	5/8	1.385	19/32	4 3/8	.323	.158
SP-904B†	6 15/32	.750	3 1/2	2 5/16	1.142	15/32	28°	5/8	1.385	19/32	4 3/8	.323	.158
SP-904C†	6 15/32	.750	3 1/2	2 5/16	1.142	15/32	28°	5/8	1.385	19/32	4 3/8	.5885	.158
SP-904D†	6 15/32	.750	3 1/4	2 1/16	1.142	15/32	28°	5/8	1.385	19/32	4 3/8	.5885	.158
SP-905†	6 15/32	.750	3 1/2	2 1/8	1.142	15/32	34°	11/16	1.385	11/16	4 3/8	.5885	.158
SP-906†	6 15/32	.750	3 1/4	1 7/8	1.142	15/32	34°	11/16	1.385	11/16	4 3/8	.5885	.158
SP-910, A, AS, S	4 31/32	.625	3	1 3/4	.941	7/16	34°	5/8	.963	5/8	2 7/8	0	.189
SP-911, A, AS†	5 31/32	.669	3 3/4	2 1/8	1.291	1/2	34°	13/16	1.372	13/16	3 3/8	.372	.158
SP-923†	7 15/32	.875	4 1/2	2 7/8	1.264	17/32	34°	13/16	2.232	13/16	5 1/8	.6225	Spline
SP-928†	4 31/32	.669	3 1/4	1 7/8	1.054	19/32	35°	1	1.125	11/16	3	.219	.127
SP-929, A, AS†	5 31/32	.669	3 1/2	2	1.223	19/32	35°	1	1.372	3/4	3 3/4	.372	.158
SP-931, A, AS†	7 15/32	.875	4 1/2	2 3/4	2.217	5/8	34°	7/8	2.232	7/8	5 1/8	.6225	Spline
SP-933†	6 15/32	.750	4 3/4	3 1/8	1.323	17/32	36°	13/16	1.636	13/16	4 3/8	.323	.158
SP-934†	6 1/2	.875	5 3/4	4 1/8	2.000	9/16	34°	51/64	2.281	13/16	4 3/4	.593	Spline
SP-935†	5 31/32	.669	3	2 1/2	1.172	9/32	45°	3/8	1.372	3/8	3 1/2	.372	.158
SP-939, S†	6 15/32	.750	4 1/2	3 1/8	1.142	15/32	36°	11/16	1.386	11/16	4 3/8	.323	.158
SP-940†	6 15/32	.750	3 11/16	2 1/4	.992	15/32	28°	5/8	1.041	27/32	4 3/8	.041	.158
SP-950†	5 15/32	.669	4 1/2	3 1/8	1.198	15/32	36°	11/16	1.323	11/16	3 1/4	.448	.127
SP-955†	5 15/32	.669	3 3/4	2 3/8	1.198	15/32	34°	11/16	1.323	11/16	3 1/4	.448	.127
SP-956†	5 15/32	.669	3 1/4	1 7/8	1.252	19/32	35°	1	1.323	11/16	3 1/4	.448	.127
SP-961†	6 15/32	.750	4	2 3/8	1.142	17/32	34°	13/16	1.385	13/16	4 3/8	.323	.158

† C. W. Only.
‡ C. C. W. Only.

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

FAN TYPE PULLEY DATA

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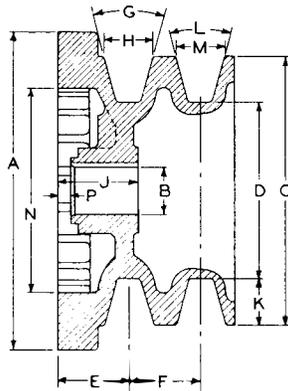
- A-Fan Diameter
- B-Bore Diameter
- C-Pulley Diameter
- D-Groove Depth Diameter
- E-Center Line of Groove to Face of Fan
- F-Center Line of Groove to Outside of Pulley
- G-Groove Angle
- H-Groove Width
- J-Outer End of Hub to Face of Fan
- K-Depth of Groove
- L-Fan Clearance
- M-Inner End of Hub to Face of Fan

Part No.	A	B	C	D	E	F	G	H	J	K	L	M	Key Way Width
SP-963†	5 15/32	.669	3 13/16	2 3/16	1.323	17/32	34°	13/16	1.323	13/16	3 1/4	.448	.127
SP-964, A, AS †	5 15/32	.669	4	2 3/8	1.292	17/32	34°	13/16	1.323	13/16	3 1/4	.448	.127
SP-974†	6 15/32	.750	3 5/16	2 5/16	1.042	5/16	36°	3/8	1.386	1/2	4 3/8	.323	.158
SP-975 †	6 15/32	.750	3 9/16	2 9/16	1.042	5/16	36°	3/8	1.386	1/2	4 3/8	.323	.158
SP-976†	5 31/32	.669	3 9/16	2 9/16	1.069	5/16	36°	3/8	1.372	1/2	3 1/16	.372	.158
SP-983, A†	5 31/32	.669	4	2 5/8	1.172	17/32	34°	13/16	1.372	11/16	4	.372	.158
SP-984†	5 31/32	.669	3 3/4	2 1/2	1.322	7/16	34°	5/8	1.372	5/8	3 3/8	.372	.158
SP-1174A	4 15/32	.669	3 1/2	2 1/8	1.000	15/32	34°	11/16	1.125	11/16	3	0	.127
SP-1178A	4 15/32	.669	3 1/16	1 1/2	.937	1/2	38°	3/4	1.125	25/32	3	0	.127
SP-1182	4 15/32	.669	3 21/32	2 13/32	1.375	1/2	36°	11/16	1.125	5/8	3	0	.127
SP-1220	4 15/32	.669	3 1/4	1 7/8	1.000	15/32	34°	11/16	1.125	11/16	3	0	.127
SP-1225	4 15/32	.669	3 1/2	2	.929	1/2	36°	3/4	1.125	3/4	3	0	.127
SP-1234A	4 15/32	.669	3 3/4	2 3/8	1.000	15/32	34°	11/16	1.125	11/16	3	0	.127
SP-1280	4 15/32	.669	3 1/2	2 1/8	1.149	1/2	28°	3/4	1.125	11/16	3	0	.127
SP-1285S	4 15/32	.625	3 1/2	2 1/8	1.149	1/2	28°	3/4	.984	11/16	3	0	.189
SP-1296	4 31/32	.669	3 1/2	2	.929	1/2	36°	3/4	1.125	3/4	3	0	.127
SP-1299, A, B	4 31/32	.669	3 1/2	2 1/8	1.000	15/32	34°	11/16	1.125	11/16	3	0	.127
SP-1310	4 31/32	.669	3 3/4	2 3/8	1.000	15/32	34°	11/16	1.125	11/16	3	0	.127
SP-1311	4 31/32	.669	4 1/2	3 1/8	1.000	15/32	34°	11/16	1.125	11/16	3	0	.127
SP-1323	4 31/32	.669	3 1/16	1 1/2	.937	1/2	38°	3/4	1.125	25/32	3	0	.127
SP-1334	4 31/32	.669	3 21/32	2 13/32	1.375	1/2	36°	11/16	1.125	5/8	3	0	.127
SP-1350	4 15/32	.669	3 1/2	2 3/16	.929	7/16	38°	5/8	1.125	21/32	3	0	.127
SP-1354	4 31/32	.669	3 19/32	2 11/32	.969	1/2	36°	5/8	1.125	5/8	3	0	.127
SP-1373, S	4 31/32	.625	3 1/4	1 7/8	1.149	1/2	24°	3/4	.984	11/16	3	0	.189
SP-1885	4 31/32	.669	3 1/2	2 3/16	1.869	7/16	38°	5/8	1.125	21/32	3	0	.127
SP-1889	4 31/32	.669	3 1/4	1 7/8	1.000	15/32	34°	11/16	1.125	11/16	3	0	.127
SP-1913, A, AS, S†	5 15/16	.669	3 1/4	1 7/8	1.172	15/32	34°	11/16	1.375	11/16	4	.125	.158
SP-1917	4 31/32	.669	3 5/32	2 5/64	1.000	11/32	42°	3/8	1.125	3/8	3	0	.127
SP-1926	4 31/32	.669	3 1/8	1 5/8	.929	1/2	36°	3/4	1.125	3/4	3	0	.127
SP-1936, A, AS †	5 15/32	.669	3 1/4	1 7/8	1.180	15/32	34°	11/16	1.305	11/16	3 1/4	.180	.127
SP-1949, A†	5 15/32	.669	3 1/2	2 1/8	1.170	15/32	34°	11/16	1.295	11/16	3 1/4	.170	.127
SP-1954, A, AS †	5 15/32	.669	4 1/2	3 1/8	1.180	15/32	36°	11/16	1.305	11/16	3 1/4	.180	.127
SP-1958†	5 15/32	.669	3 1/8	1 5/8	1.153	1/2	36°	3/4	1.323	3/4	3 1/4	.198	.127
SP-1960†	5 15/32	.669	3 9/16	2 11/32	1.167	1/2	36°	5/8	1.323	5/8	3 1/4	.198	.127
SP-1962†	5 15/32	.669	3 1/16	1 1/2	1.117	1/2	38°	3/4	1.305	3/4	3 1/4	.180	.127
SP-1977, A, AS †	5 15/16	.669	3 5/16	2 5/16	1.062	3/8	36°	3/8	1.365	1/2	4	.115	.158
SP-1986, A, AS †	5 15/32	.669	3 1/2	2 3/16	2.067	7/16	38°	5/8	1.323	21/32	3 1/4	.198	.127
SP-1987†	5 15/32	.669	3	1 7/8	1.180	7/16	34°	5/8	1.305	9/16	3 1/4	.180	.127
SP-1990†	5 15/32	.669	3 1/8	2 1/8	1.007	3/8	36°	3/8	1.295	1/2	3 1/4	.170	.127

† C. W. Only.

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

FAN TYPE PULLEY DATA



- A-Fan Diameter
- B-Bore Diameter
- C-Pulley Diameter
- D-Groove Depth Diameter
- E-Center Line of Inner Groove to Face of Fan
- F-Distance Between Groove Center Lines
- G-Inner Groove Angle
- H-Inner Groove Width
- J-Outer End of Hub to Face of Fan
- K-Depth of Groove
- L-Outer Groove Angle
- M-Outer Groove Width
- N-Fan Clearance
- P-Inner End of Hub to Face of Fan

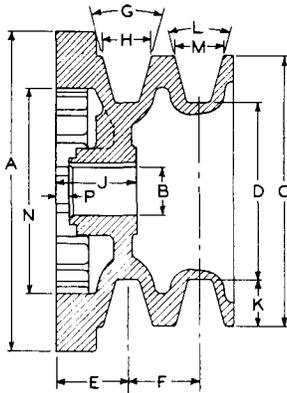
Part No.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Key Way Width
PU-16†	6 15/32	.750	4 1/16	3 1/16	1.042	15/32	36°	3/8	1.385	1/2	36°	3/8	4 3/8	.323	.158
PU-23,S	7 1/2	.875	5	3 5/8	1.625	15/16	34°	11/16	2.235	11/16	34°	11/16	5 1/8	.628	Spline
PU-25,S	7 1/2	.875	5	3 1/2	1.625	1 1/4	36°	13/16	2.235	3/4	36°	13/16	5 1/8	.628	Spline
PU-27†	7 15/32	.875	4 1/2	3 1/8	1.263	3/4	38°	5/8	2.231	11/16	38°	5/8	5 1/8	.623	Spline
PU-28†	5 15/32	.669	3	1 3/4	1.136	27/32	34°	5/8	1.323	5/8	34°	5/8	3 1/4	.448	.127
PU-34†	5 31/32	.750	4 1/16	3 1/16	1.066	15/32	36°	3/8	1.847	1/2	36°	3/8	3 1/2	.535	.158
PU-36†	5 15/32	.669	3 3/4	2 3/4	1.042	1/2	36°	3/8	1.323	1/2	36°	3/8	3 1/4	.448	.127
PU-44†	5 15/32	.750	4 1/16	3 1/16	1.097	15/32	36°	3/8	1.926	1/2	36°	3/8	3 1/4	.614	.158
PU-45†	5 15/32	.750	3 5/16	2 5/16	1.097	15/32	36°	3/8	1.488	1/2	36°	3/8	3 1/4	.614	.158
PU-45S†	5 15/32	.750	3 5/16	2 5/16	1.097	15/32	36°	3/8	1.488	1/2	36°	3/8	3 1/4	.172	.158
PU-46†	5 15/32	.750	4 1/16	3 1/16	1.097	15/32	36°	3/8	1.488	1/2	36°	3/8	3 1/4	.614	.158
PU-54†	5 15/32	.750	3 9/16	2 9/16	1.097	15/32	36°	3/8	1.488	1/2	36°	3/8	3 1/4	.614	.158
PU-55†	5 15/32	.750	3 13/16	2 13/16	1.097	15/32	36°	3/8	1.488	1/2	36°	3/8	3 1/4	.614	.158
PU-55S†	5 15/32	.750	3 13/16	2 13/16	1.097	15/32	36°	3/8	1.488	1/2	36°	3/8	3 1/4	.172	.158
PU-58†	5 31/32	.669	3 3/4	2 3/4	1.013	1/2	36°	3/8	1.372	1/2	36°	3/8	3 3/8	.372	.158
PU-60†	5 31/32	.750	3 5/16	2 5/16	1.066	15/32	36°	3/8	1.472	1/2	36°	3/8	3 1/2	.535	.158
PU-61†	5 31/32	.750	3 9/16	2 9/16	1.066	15/32	36°	3/8	1.472	1/2	36°	3/8	3 1/2	.535	.158
PU-62†	5 31/32	.750	3 13/16	2 13/16	1.066	15/32	36°	3/8	1.472	1/2	36°	3/8	3 1/2	.535	.158
PU-63†	5 31/32	.750	4 1/16	3 1/16	1.066	15/32	36°	3/8	1.472	1/2	36°	3/8	3 1/2	.535	.158
PU-64†	7 15/32	.875	4 1/2	3 1/8	1.263	15/16	36°	11/16	2.231	11/16	36°	11/16	5 1/8	.623	Spline
PU-66†	7 15/32	*	5 1/2	3 7/8	1.649	1.000	36°	13/16	1.680	13/16	36°	13/16	5 1/8	.680	.252
PU-67†	6 15/32	.750	3 9/16	2 9/16	1.042	15/32	36°	3/8	1.385	1/2	36°	3/8	4 3/8	.323	.158
PU-68†	6 15/32	.750	3 5/16	2 5/16	1.042	15/32	36°	3/8	1.385	1/2	36°	3/8	4 3/8	.323	.158
PU-88†	5 15/32	.750	4 1/2	3 1/8	1.300	7/8	36°	11/16	1.926	11/16	36°	11/16	3 1/4	.614	.158
PU-89†	7 15/32	.875	4 13/32	3 13/32	1.638	1/2	36°	3/8	2.231	1/2	36°	3/8	5 1/8	.623	Spline
PU-103†	5 15/32	.750	4 9/16	3 9/16	1.198	11/16	36°	1/2	1.926	1/2	36°	1/2	3 1/4	.614	.158
PU-104†	6 15/32	.750	4 9/16	3 7/16	1.142	11/16	36°	1/2	1.386	9/16	36°	1/2	4 3/8	.323	.158
PU-105†	6 15/32	.750	4 1/2	3 1/8	1.142	7/8	36°	11/16	1.636	11/16	36°	11/16	4 3/8	.323	.158
PU-107†	5 31/32	.750	4 9/16	3 7/16	1.166	11/16	36°	1/2	1.848	9/16	36°	1/2	4	.535	.158
PU-108†	5 31/32	.750	4 1/2	3 1/8	1.166	7/8	36°	11/16	1.848	11/16	36°	11/16	4	.535	.158
PU-110,S	6 1/2	.875	4	3	1.160	21/32	36°	3/8	1.648	1/2	36°	3/8	4 3/4	.117	Spline
PU-117,S	6 1/2	.875	4 11/16	3 1/16	1.299	1	36°	13/16	2.235	13/16	36°	13/16	4 3/4	.628	Spline
PU-118,S	6 1/2	.875	4 1/2	3	1.547	15/16	34°	3/4	2.235	3/4	34°	3/4	4 3/4	.628	Spline
PU-119,S	6 1/2	.875	3 5/16	2 3/16	1.363	11/16	36°	1/2	1.648	9/16	36°	1/2	4 3/4	.117	Spline
PU-124, S†	5 31/32	.875	3 3/4	2 3/8	2.272	7/8	34°	11/16	2.622	11/16	34°	11/16	3 1/8	.622	Spline
PU-141†	6 15/32	.750	4	2 1/2	1.480	15/16	34°	3/4	1.626	3/4	34°	3/4	4 3/8	.323	.158
PU-142†	5 15/32	.749	3 1/2	2 1/8	1.198	7/8	34°	11/16	1.926	11/16	34°	11/16	3 1/4	.614	.158
PU-143†	5 15/32	.749	3 1/2	1 7/8	1.299	1 1/4	34°	13/16	1.926	13/16	34°	13/16	3 1/4	.614	.158
PU-145†	5 31/32	.749	3 1/2	2 1/8	1.166	7/8	36°	11/16	1.848	11/16	36°	11/16	4	.535	.158
PU-146†	6 15/32	.750	3 1/2	1 7/8	1.142	1 1/4	34°	13/16	1.636	13/16	34°	13/16	4 3/8	.323	.158
PU-148†	5 31/32	.749	3 1/2	1 7/8	1.166	1 1/4	34°	13/16	1.848	13/16	34°	13/16	4	.535	.158
PU-149†	6 15/32	.749	3 1/2	2 1/8	1.142	7/8	36°	11/16	1.636	11/16	36°	11/16	4 3/8	.323	.158
PU-167†	5 15/32	.749	4 1/2	3 3/8	1.198	11/16	36°	9/16	1.488	11/16	36°	9/16	3 1/4	.614	.158
PU-172†	5 31/32	.875	5 1/2	3 7/8	2.210	1	36°	13/16	2.622	13/16	36°	13/16	3 1/8	.622	Spline
PU-173†	5 31/32	.875	3 3/4	2 1/8	2.210	1	36°	13/16	2.622	13/16	36°	13/16	3 1/8	.622	Spline
PU-174†	5 31/32	.875	3 3/4	2 3/8	2.272	7/8	34°	11/16	2.622	11/16	34°	11/16	3 1/8	.622	Spline
PU-176†	7 15/32	.875	4 1/2	3 1/4	1.185	5/8	36°	1/2	2.231	5/8	36°	1/2	5 1/8	.622	Spline
PU-194†	5 31/32	.669	3 1/8	2 1/16	1.069	9/16	36°	3/8	1.372	1/2	36°	3/8	4	.372	.158
PU-195†	5 31/32	.669	3 3/8	2 3/8	1.069	9/16	36°	7/16	1.372	1/2	36°	1/2	4	.372	.158

† C. W. Only.

* Tapered .990-.875.

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

FAN TYPE PULLEY DATA



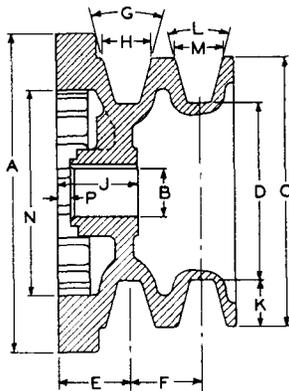
- A-Fan Diameter
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- E-Center Line of Inner Groove to Face of Fan
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- G-Inner Groove Angle
- H-Inner Groove Width
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- K-Depth of Groove
- L-Outer Groove Angle
- M-Outer Groove Width
- N-Fan Clearance
- P-Inner End of Hub to Face of Fan

Part No.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Key Way Width
SP-165	4 15/32	.750	5	3 1/2	.893	1 1/8	36°	13/16	1.643	3/4	36°	13/16	3 1/8	.268	.158
SP-190	4 15/32	.669	4 15/16	3 1/8	1.181	3/4	34°	5/8	1.125	19/32	34°	5/8	2 7/8	0	.127
SP-197	4 31/32	.669	4 15/16	3 1/8	1.353	3/4	34°	5/8	1.375	19/32	34°	5/8	3 3/8	0	.158
SP-213	4 31/32	.984	3 3/4	2 1/2	1.037	15/16	45°	11/16	1.658	5/8	45°	11/16	3 9/32	.283	.127
SP-243	4 15/32	.750	4 1/2	3	1.000	1 1/4	36°	13/16	1.643	3/4	36°	13/16	3 1/8	.268	.158
SP-265	4 15/32	.669	4	2 1/2	.937	1 1/16	38°	25/32	1.125	3/4	38°	25/32	2 7/8	0	.127
SP-266	4 15/32	.669	4	2 5/8	.963	7/8	36°	3/4	1.125	11/16	36°	3/4	2 7/8	0	.127
SP-267	4 31/32	.669	4 3/4	3 3/8	1.134	7/8	36°	3/4	1.375	11/16	36°	3/4	3 3/8	0	.158
SP-301	4 31/32	.750	4 1/2	3 1/8	1.007	1 1/4	36°	13/16	1.445	11/16	36°	13/16	3 3/8	.070	.158
SP-365	5 15/32	.669	4 9/16	3 7/16	1.273	13/16	45°	19/32	1.375	9/16	45°	19/32	4	0	.158
SP-367, S	6 1/2	.985	5 1/4	3 7/8	1.656	15/16	38°	3/4	1.297	11/16	38°	3/4	4 3/4	.172	.158
SP-375	4 31/32	.669	4 3/4	3 3/8	1.134	7/8	36°	3/4	2.125	11/16	36°	3/4	3 3/8	0	.158
SP-378	4 31/32	.750	4 1/2	3	1.000	1 1/4	36°	13/16	1.643	3/4	36°	13/16	3 1/8	.268	.158
SP-391	4 31/32	.750	3 1/4	1 7/8	1.007	1 1/4	36°	13/16	1.445	11/16	36°	13/16	3 3/8	.070	.158
SP-418	6 1/2	.875	5	3 3/8	1.549	1 1/16	36°	13/16	2.235	13/16	36°	13/16	4 3/4	.172	Spline
SP-436*	4 31/32	.669	4 11/16	3 1/4	.968	7/8	28°	5/8	1.375	23/32	28°	5/8	3 3/8	0	.158
SP-437*	4 31/32	.669	3 5/32	1 11/16	.968	7/8	28°	5/8	1.375	5/8	28°	5/8	3 3/8	0	.158
SP-447	6 1/2	.985	5	3 1/2	1.702	27/32	38°	23/32	1.297	3/4	38°	23/32	4 3/4	.172	.158
SP-461	6 1/2	.875	5 1/4	4	1.596	15/16	38°	3/4	2.235	5/8	38°	3/4	4 3/4	.172	Spline
SP-466	6 1/2	.985	5 1/2	4 5/16	1.377	3/4	28°	5/8	1.297	19/32	28°	5/8	4 3/4	.172	.158
SP-485	6 1/2	.669	3 1/4	2 3/8	.773	5/8	36°	31/64	1.255	7/16	36°	31/64	4 1/4	.255	.158
SP-497	4 31/32	.669	3 1/2	2 1/8	1.134	3/4	34°	15/32	1.375	11/16	34°	5/8	3 3/8	0	.158
SP-579	4 31/32	.669	4 1/8	2 1/2	1.353	1 1/16	34°	13/16	1.375	13/16	34°	13/16	3 3/8	0	.158
SP-586	6 1/2	.669	4 9/32	3 1/2	.773*	5/8	36°	31/64	1.255	7/8	36°	31/64	4 1/4	.255	.158
SP-635	6 1/2	.985	4 15/16	3 11/16	1.718	13/16	36°	5/8	1.297	5/8	36°	5/8	4 3/4	.172	.158
SP-687	7 1/2	.875	4	2 5/8	1.625	13/16	34°	11/16	2.625	11/16	34°	11/16	5 1/8	.625	Spline
SP-702	4 31/32	.750	4 1/2	3	1.143	1	34°	13/16	2.315	3/4	34°	13/16	3	.268	.158
SP-710	7 1/2	.875	4 7/8	3 1/2	1.625	13/16	34°	11/16	2.625	11/16	34°	11/16	5 1/8	.625	Spline
SP-711†	5 5/8	.788	4 1/2	3 1/4	1.057	13/16	28°	5/8	2.198	3/4	28°	5/8	3 1/4	.437	††
SP-714	6 1/2	.875	5 1/4	3 7/8	1.656	15/16	36°	11/16	2.235	11/16	36°	11/16	4 3/4	.172	Spline
SP-715	6 1/2	.875	5 9/16	3 15/16	1.300	1	36°	13/16	2.235	13/16	36°	13/16	4 3/4	.172	Spline
SP-725	6 1/2	.875	4 11/16	3 1/16	1.222	1	36°	3/4	4.558	13/16	36°	3/4	4 3/4	.107	Spline
SP-752	6 1/2	.875	4 11/16	3 1/16	1.300	1	36°	3/4	2.235	13/16	36°	13/16	4 3/4	.172	Spline
SP-754	6 1/2	.875	4 1/2	3	1.547	15/16	34°	3/4	2.235	3/4	34°	3/4	4 3/4	.172	Spline
SP-758	4 31/32	.669	4 1/2	3	1.290	15/16	34°	3/4	1.375	3/4	34°	3/4	3 3/8	0	.158
SP-783, A	7 1/2	.875	5	3 1/2	1.625	1 1/4	36°	13/16	2.235	3/4	36°	13/16	5 1/8	.172	Spline
SP-784	4 31/32	.750	3 1/2	2 1/8	1.000	15/16	34°	11/16	1.643	11/16	34°	11/16	3 1/8	.268	.158
SP-816	4 31/32	.750	5 9/16	3 15/16	1.504	1	36°	13/16	1.786	13/16	36°	13/16	3	.473	.158
SP-820†	5 31/32	.875	5 1/2	3 7/8	2.210	1	36°	13/16	2.622	13/16	36°	13/16	3 1/8	.622	Spline
SP-823†	6 15/32	.750	4 1/2	3	1.605	15/16	34°	3/4	1.586	3/4	34°	3/4	3 1/16	.273	.158
SP-825†	6 15/32	.750	5 9/16	3 15/16	1.357	1	36°	13/16	1.586	13/16	36°	13/16	3 1/16	.273	.158
SP-828†	5 31/32	.750	5 9/16	3 15/16	1.520	1	36°	13/16	1.785	13/16	36°	13/16	3 1/16	.473	.158
SP-829†	5 31/32	.750	4 1/2	3	1.767	15/16	34°	3/4	1.785	3/4	34°	3/4	3 1/16	.473	.158
SP-830	7 1/2	.875	5	3 5/8	1.627	1 1/8	34°	11/16	2.235	11/16	34°	11/16	5 1/8	.172	Spline
SP-831†	6 15/32	.750	4 7/8	3 1/4	1.216	1 1/16	36°	13/16	1.586	13/16	36°	13/16	3 1/16	.273	.158
SP-845, A, AS	4 31/32	.669	4 1/8	2 11/16	.963	7/8	38°	5/8	1.125	23/32	38°	5/8	3	0	.127
SP-847, A, AS†	5 31/32	.875	3 3/4	2 1/8	2.210	1	36°	13/16	2.622	13/16	36°	13/16	3 1/8	.622	Spline
SP-848	5 15/32	.750	4 1/2	2 7/8	1.366	1	34°	1	1.625	13/16	34°	13/16	4	.250	.158
SP-851†	5 31/32	.750	4 1/8	2 1/2	1.379	1 1/16	34°	13/16	1.786	13/16	34°	13/16	3 1/16	.473	.158
SP-855†	6 15/32	.750	4 1/2	3 1/8	1.216	15/16	36°	11/16	1.586	11/16	36°	11/16	3 1/16	.273	.158
SP-857†	5 31/32	.750	4 1/2	3 1/8	1.832	15/16	36°	11/16	1.786	11/16	36°	11/16	4	.473	.158

† Inner V Dia. is 4" Dia. "C" and 3" Dia. at "D".
 * Special Ford.
 † C. W. Only.
 †† Threaded Bore . 7875-20.

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

FAN TYPE PULLEY DATA



- A-Fan Diameter
- B-Bore Diameter
- C-Pulley Diameter
- D-Groove Depth Diameter
- E-Center Line of Inner Groove to Face of Fan
- F-Distance between Groove Center Lines
- G-Inner Groove Angle
- H-Inner Groove Width
- J-Outer End of Hub to Face of Fan
- K-Depth of Groove
- L-Outer Groove Angle
- M-Outer Groove Width
- N-Fan Clearance
- P-Inner End of Hub to Face of Fan

Part No.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Key Way Width
SP-866, A, AS	7 1/2	.875	5	3 3/8	1.627	1 1/16	36°	13/16	2.235	13/16	36°	13/16	5 1/8	.172	Spline
SP-871†	6 15/32	.750	4 1/2	3 1/8	1.323	15/16	36°	11/16	1.635	11/16	36°	11/16	4 3/8	.323	.158
SP-872†	6 15/32	.750	4 7/8	3 1/4	1.323	1 1/16	36°	13/16	1.635	11/16	36°	13/16	4 3/8	.323	.158
SP-876†	6 15/32	.750	4 1/8	2 1/2	1.323	1 1/16	34°	13/16	1.635	13/16	34°	13/16	4 3/8	.323	.158
SP-878†	6 15/32	.750	5 1/2	4 1/8	1.183	7/8	36°	3/4	1.635	11/16	36°	3/4	4 3/8	.323	.158
SP-883†	6 15/32	.750	4 1/2	3	1.712	15/16	34°	3/4	1.635	3/4	34°	3/4	4 3/8	.323	.158
SP-897†	5 31/32	.669	4 1/2	3	1.291	15/16	34°	3/4	1.372	3/4	34°	3/4	3 3/4	.372	.158
SP-938†	6 15/32	.750	4	2 3/8	1.142	1 1/4	34°	13/16	1.635	13/16	34°	13/16	4 3/8	.323	.158
SP-948, A, AS†	5 15/32	.750	4	2 3/8	1.300	1 1/4	34°	13/16	1.926	13/16	34°	13/16	3 1/4	.614	.158
SP-959, A, BT	5 15/32	.750	3 1/2	2 1/8	1.300	15/16	34°	11/16	1.926	11/16	34°	11/16	3 1/4	.614	.158
SP-965†	5 31/32	.750	4	2 1/2	1.167	1 1/4	34°	13/16	1.848	3/4	34°	13/16	4	.535	.158

† C. W. Only.

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CO-1300 GENERATOR PARTS LIST

CO-1300

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
14L05	2					5/16 Lock Washer
23564	2					Frame Screw
(24062)	1					Frame & Field Assy.
23450	2					Frame Screw Ins. Tube
23874	4					Pole Piece
23876	1					Field Coil Assy. - Comp.
20064	1					Ins. Tube
22367	1					Terminal
22773	1					Terminal
22897	1					Ins. Bushing
23210	3					Lead Insulation
23594	1					C.B. Lead Assy.
22268	2					Wire Clip
22367	2					Terminal
22897	1					Ins. Bushing
23877	1					Field Coil - U.R.
23878	1					Field Coil - L.R.
23879	1					Field Coil - L.L.
23880	1					Field Coil - U.L.
23920	1					Head Band Aligning Pin
14205412	8					Pole Piece Screw

Comm. End Plate Assembly & Parts Used With

14L56	4					#6 Lock Washer
14L60	3					#10 Lock Washer
22116	1					Gasket
22600	1					Ball Brg. - S.A.E. #202
23663	1					Bearing Spacer
23669	1					C.E. Cap Cover
23703	1					Brush - 3rd
23846	2					Brush - Main
(23881)	1					Comm. End Plate Assy.
20660	3					#6 Skpf. Washer
22139	1					1/4 Oiler - Hinged Top
22157	1					Felt Washer
22158	1					Felt Washer Retainer
22599	1					Lock Spring Ring
22605	1					Felt Guard
22748	1					Spring Washer
22750	1					Snap Ring
23417	1					3rd Brush Plate Adjusting Pinion
23551	3					3rd Brush Plate Retaining Spring
23671	1					Felt Wick
23852	2					Brush Spring
24011	1					3rd Brush Holder Plate Assembly
23585	1					Brush Spring
24063	1					Comm. End Plate Part Assy.
17156004	3					#6-32x1/4 Rd. Hd. Screw
14156004	4					#6-32x1/4 Rd. Hd. Screw
20160004	3					#10-32x1/4 Rd. Hd. Screw
		1	2	3	4	5

Armature Assembly & Parts Used With

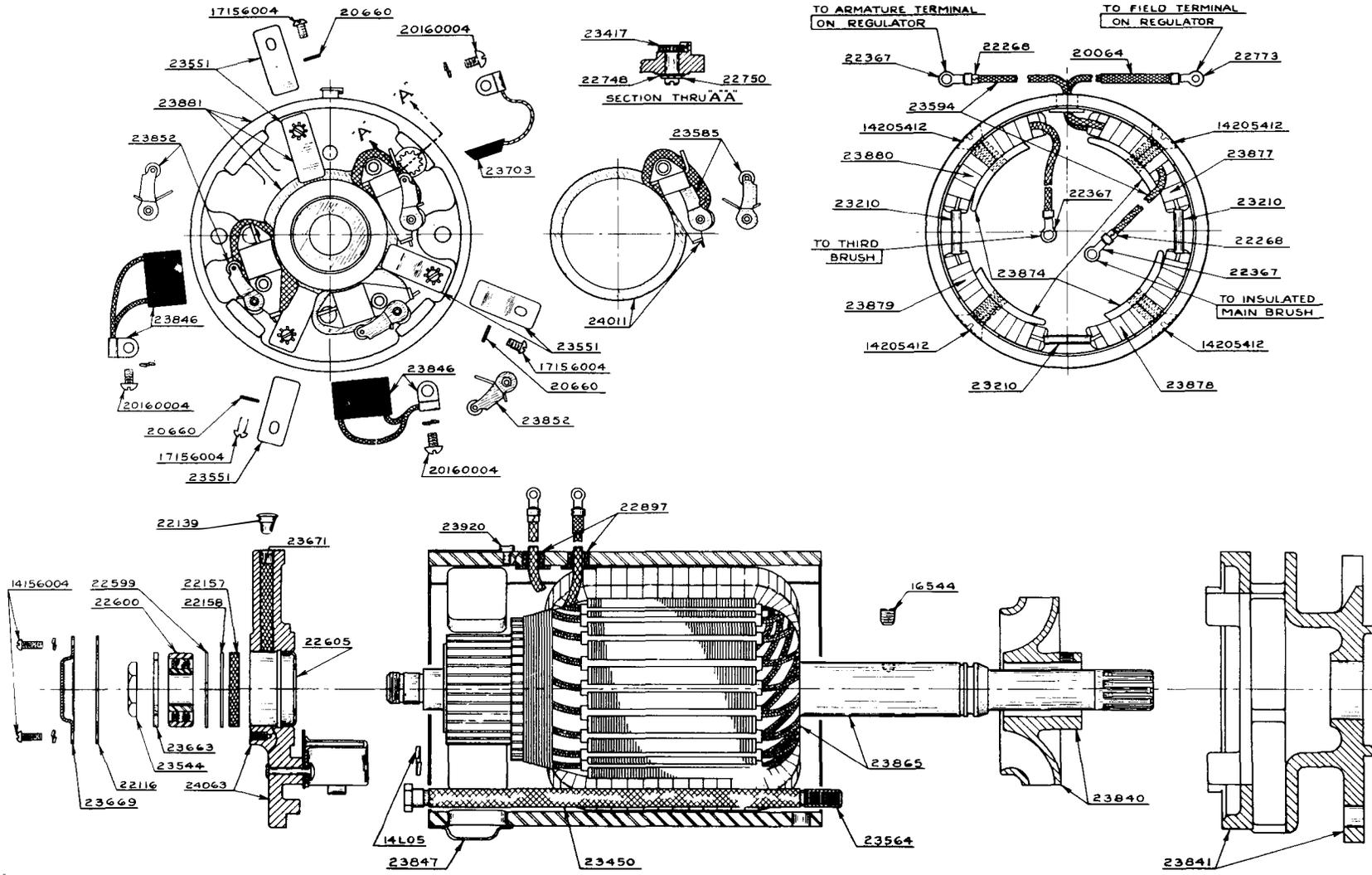
Part No.	No. Used	Name of Part				
		1	2	3	4	5
16544	1					1/4-20 Set Screw
23544	1					9/16-18 Hex. Nut
23840	1					Ventilating Fan
23865	1					Armature Assembly
<u>Miscellaneous Parts</u>						
22169	2					#10 Lock Washer
23841	1					Drive End Head
23847	1					Head Band Assembly
40210	1					C.B. & Reg. Assembly
24N7600	1					#10-32 Hex. Nut
20117	1					#6 Lock Washer
20134	1					Fuse Retainer
20688	1					#10 Skpf. Washer
21248	1					Cover
22169	2					#10 Lock Washer
22676	1					Spring
22678	1					Fuse - 5 Amp.
22679	1					Insulation
23150	1					Base Insulation
14156004	1					#6-32x1/4 Rd. Hd. Screw
14158004	2					#8-32x1/4 Rd. Hd. Screw
24160006	2					#10-32x3/8 Rd. Hd. Screw
24160004	2					#10-32x1/4 Rd. Hd. Screw
		1	2	3	4	5

(Issued 9-25-35)

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CO-1300 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CO-1304 GENERATOR PARTS LIST

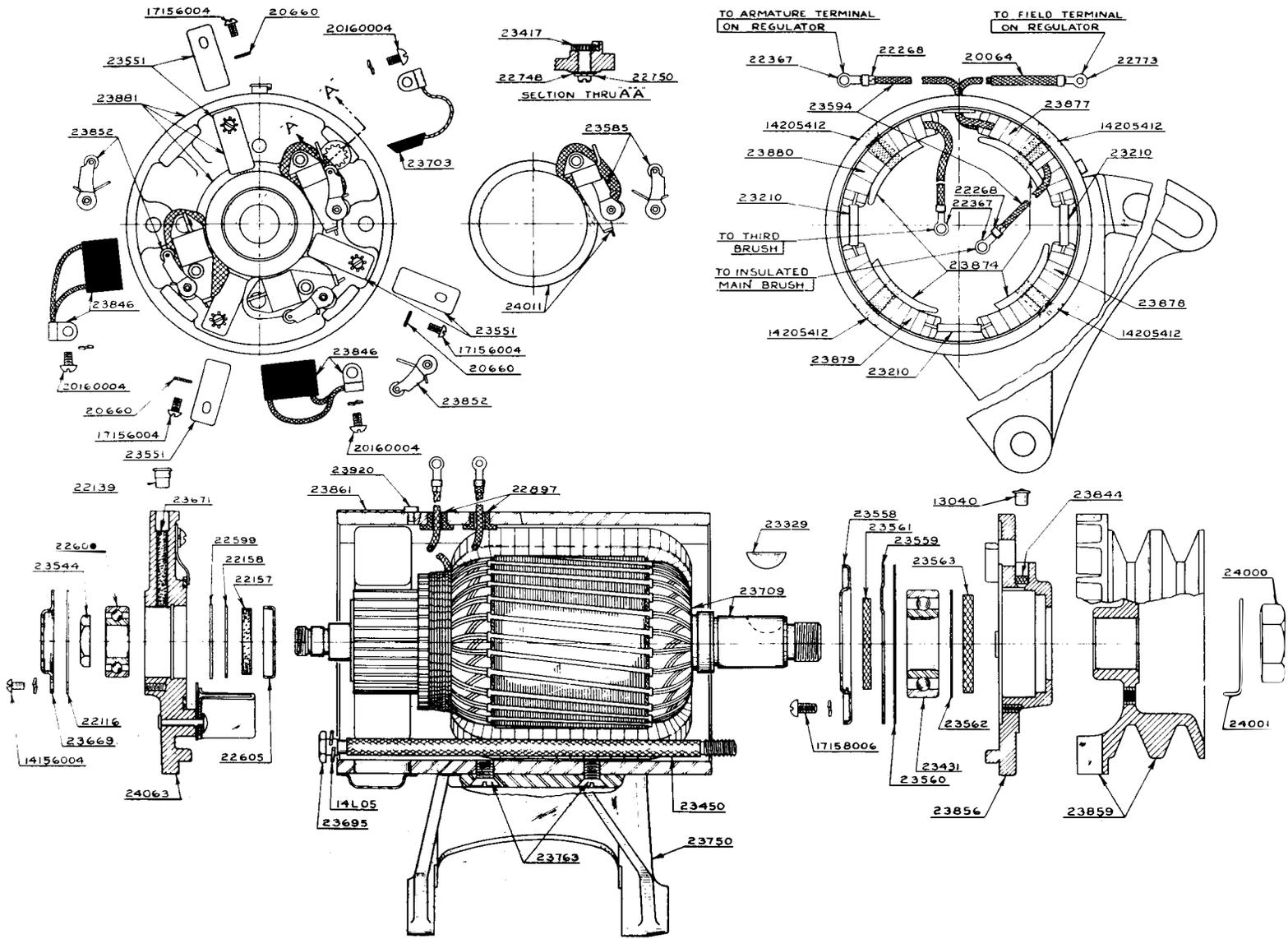
CO-1304

Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With				
Part No.	No. Used	Name of Part			Part No.	No. Used	Name of Part		
		1	2	3 4 5			1	2 3 4 5	
14L05	2	5/16 Lock Washer			23329	1	#7 Woodruff Key		
23695	2	Frame Screw			23544	1	9/16-18 Hex. Nut		
23750	1	Mounting Bracket			23709	1	Armature Assembly		
23763	4	5/16-13x7/16 Flat Hd. Sc.			23359	1	Drive Pulley		
24000	1	3/4-16 Hex. Nut			Drive End Head Assembly & Parts Used With				
24001	1	3/4 Lock Washer			23357	1	Drive End Head Assy.		
(24034)	1	Frame & Field Assy.			14L58	4	#8 Lock Washer		
23450	2	Frame Screw Ins. Tube			13040	1	1/4 Oiler - Press in Type		
23374	4	Pole Piece			23431	1	Ball Brg. - S.A.E. #205		
23376	1	Field Coil Assy. - Comp.			23553	1	Bearing Retainer		
20064	1	Insulating Tube			23559	1	Felt Washer Retainer		
22367	1	Terminal			23560	2	Gasket		
22773	1	Terminal			23561	1	Felt Washer		
22897	1	Insulating Bushing			23562	1	Felt Washer Retainer		
23210	3	Lead Insulation			23563	1	Felt Washer		
23594	1	C.B. Lead Assy.			23844	1	Oil Wick		
22268	2	Wire Clip			23856	1	Drive End Head		
22367	2	Terminal			17158006	4	#8-32x3/8 Rd. Hd. Screw		
22397	1	Ins. Bushing			Miscellaneous Parts				
23377	1	Field Coil - U.R.			22169	2	#10 Lock Washer		
23378	1	Field Coil - L.R.			23861	1	Head Band Assembly		
23879	1	Field Coil - L.L.			40210	1	C.B. & Reg. Assembly		
23880	1	Field Coil - U.L.			24N7600	1	#10-32 Hex. Nut		
23920	1	Head Band Aligning Pin			20117	1	#6 Lock Washer		
14205412	8	Pole Piece Screw			20134	1	Fuse Retainer		
Comm. End Plate Assembly & Parts Used With					20683	1	#10 Skpf. Washer		
14L56	4	#6 Lock Washer			21243	1	Cover		
14L60	3	#10 Lock Washer			22169	2	#10 Lock Washer		
22116	1	Gasket			22676	1	Spring		
22600	1	Ball Brg. - S.A.E. #202			22678	1	Fuse - 5 Ampere		
23669	1	C.E. Cap Cover			22679	1	Insulation		
23703	1	Brush - 3rd			23150	1	Base Insulation		
23846	2	Brush - Main			14156004	1	#6-32x1/4 Rd. Hd. Screw		
(23881)	1	Comm. End Plate Assy.			14158004	2	#8-32x1/4 Rd. Hd. Screw		
20660	3	#6 Skpf. Washer			24160006	2	#10-32x3/8 Rd. Hd. Screw		
22139	1	1/4 Oiler - Hinged Top			24160004	2	#10-32x1/4 Rd. Hd. Screw		
22157	1	Felt Washer					1	2 3 4 5	
22153	1	Felt Washer Retainer			(Issued 9-27-35)				
22599	1	Lock Spring Ring							
22605	1	Felt Guard							
22743	1	Spring Washer							
22750	1	Snap Ring							
23417	1	3rd Brush Plate Adjusting Pinion							
23551	3	3rd Brush Plate Retaining Spring							
23671	1	Felt Wick							
23352	2	Brush Spring							
24011	1	3rd Brush Holder Plate Assembly							
23535	1	Brush Spring							
24063	1	Comm. End Plate Part Assy.							
17156004	3	#6-32x1/4 Rd. Hd. Screw							
14156004	4	#6-32x1/4 Rd. Hd. Screw							
20160004	3	#10-32x1/4 Rd. Hd. Screw							
		1	2	3 4 5					

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CO-1304 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

AUTO-LITE OWEN-DYNETO

CO-1305 GENERATOR PARTS LIST

CO-1305

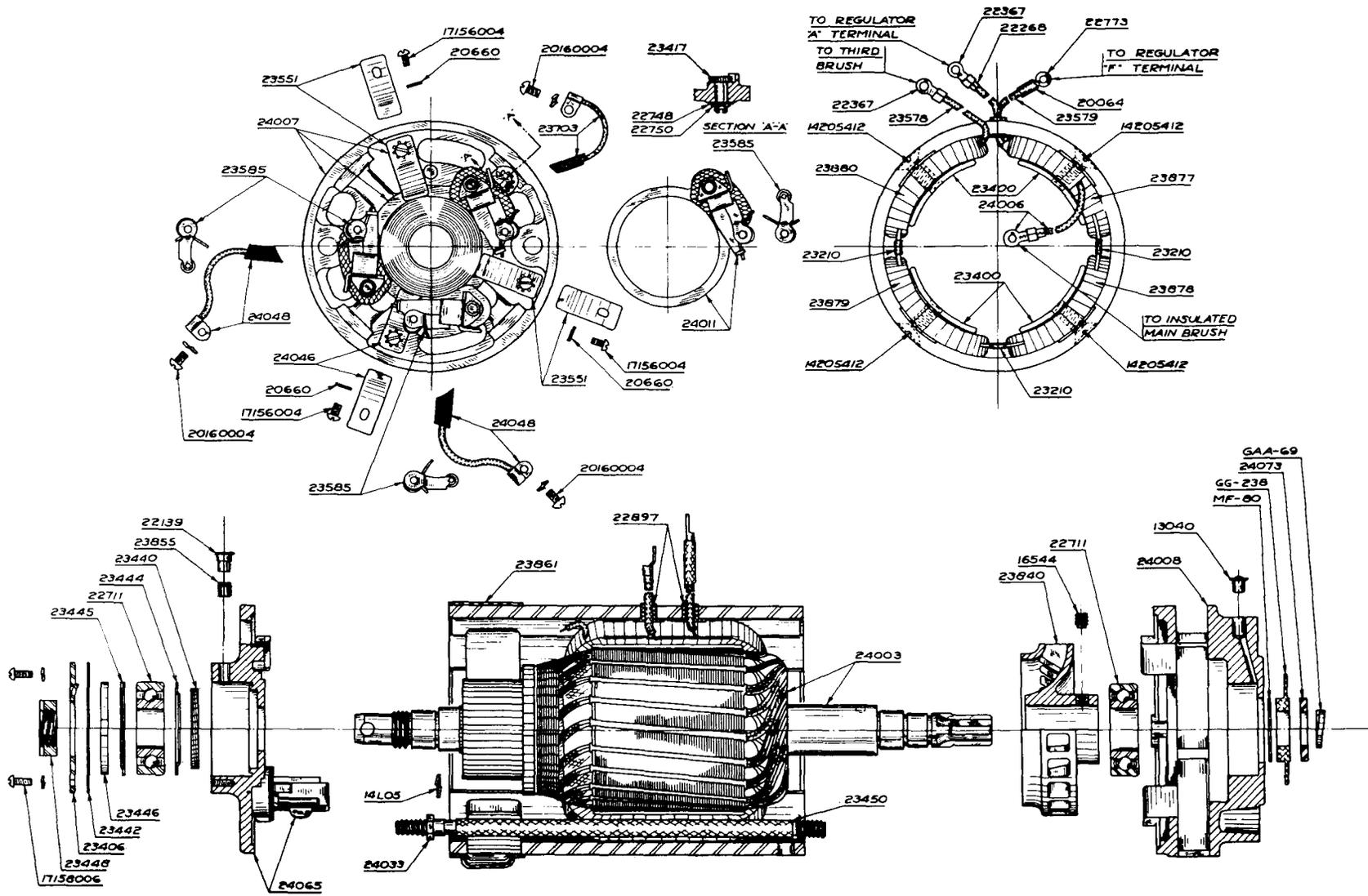
Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With								
Part No.	No. Used	Name of Part				Part No.	No. Used	Name of Part					
		1	2	3	4	5		1	2	3	4	5	
14L05	2						GAA-69	1					Lock Spring Ring
24033	2						GG-238	1					Oil Thrower - D.E.
(24068)	1						MF-90	1					Plain Steel Washer
23400	4						16544	1					1/4-20 Set Screw
23450	2						23448	1					Armature Shaft Nut
24036	1						23840	1					Ventilating Fan
20064	1						24003	1					Armature Assembly
22367	1						24073	1					Plain Steel Washer
22773	1												
23210	3						Drive End Head Assembly & Parts Used With						
23877	1						24047	1					Drive End Head Assy.
23878	1						13040	1					1/4 Oiler - Press in Type
23879	1						22711	1					Ball Brg. - S.A.E. #204
23880	1						24008	1					Drive End Head
24006	1												
22268	2						Miscellaneous Parts						
22367	2						22169	2					#10 Lock Washer
22397	1						23861	1					Head Band Assembly
26950	1						40300	1					C.B. & Reg. Assy.
14205412	8						24N7600	1					#10-32 Hex. Nut
Comm. End Plate Assembly & Parts Used With							20117	1					#6 Lock Washer
14L60	3						20134	1					Fuse Retainer
23703	1						20688	1					#10 Skpf. Washer
(24007)	1						21248	1					Cover
20660	3						22169	2					#10 Lock Washer
22139	1						22676	1					Spring
22711	1						22678	1					Fuse - 5 Amps.
22748	1						22679	1					Insulation
22750	1						23150	1					Base Insulation
23406	1						14156004	1					#6-32x1/4 Rd. Hd. Screw
23417	1						14158004	2					#8-32x1/4 Rd. Hd. Screw
							24160006	2					#10-32x3/8 Rd. Hd. Screw
							24160004	2					#10-32x1/4 Rd. Hd. Screw
													1 2 3 4 5
23440	1												
23442	1												
23444	1												
23445	1												
23446	1												
23551	2												
23585	2												
24011	1												
23585	1												
24046	1												
24065	1												
17156004	3												
24048	2												
20160004	3												

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CO-1305 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

AUTO-LITE OWEN-DYNETO

CO-1306 GENERATOR PARTS LIST

CO-1306

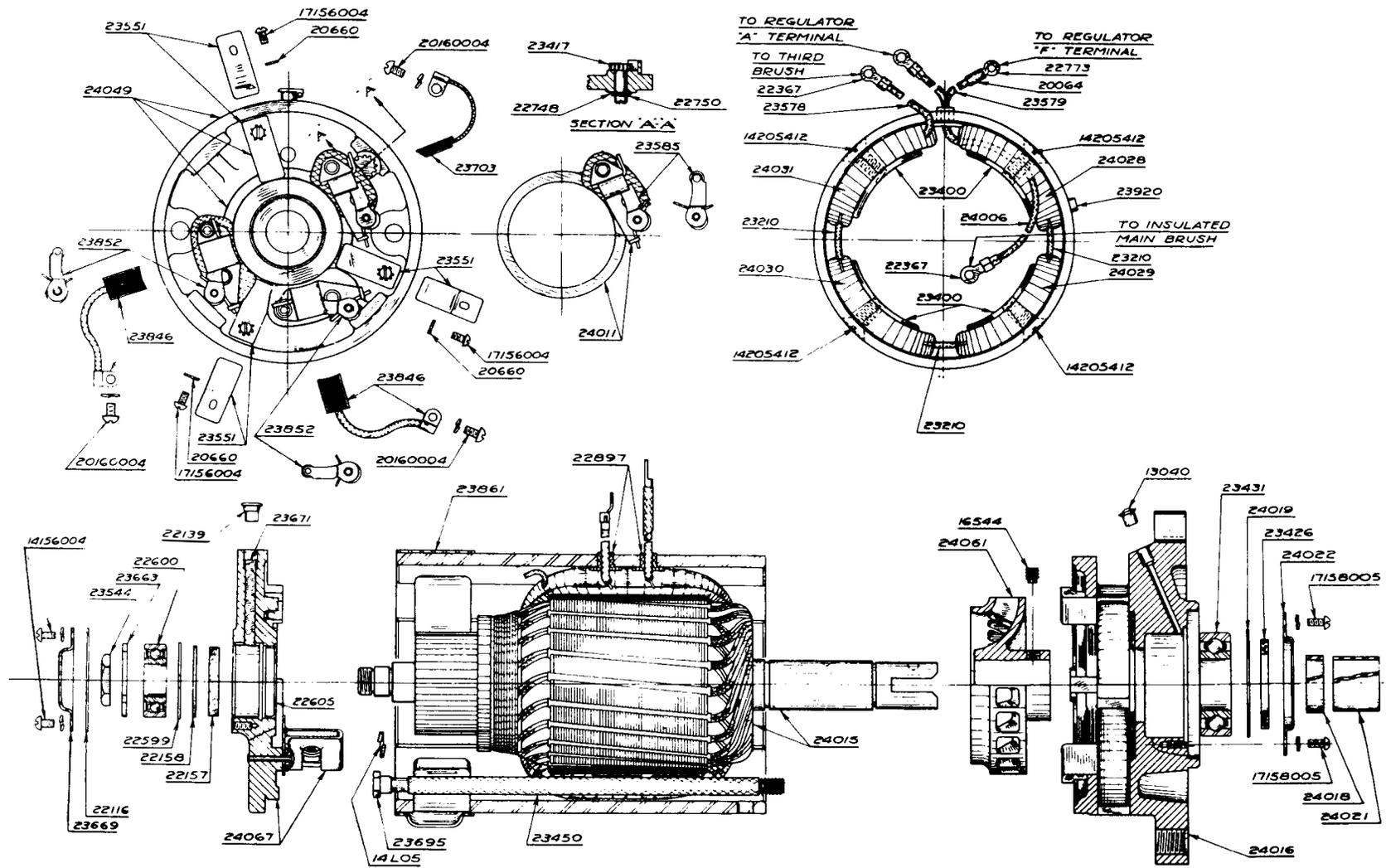
Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With									
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
14L05	2	5/16				Lock Washer	16544	1	1/4-20				Set Screw	
23695	2					Frame Screw	24015	1					Armature Assembly	
(24069)	1					Frame & Field Assy.	24018	1					Armature Shaft Spacer	
23400	4					Pole Piece	24021	1					Armature Shaft Collar	
23450	2					Frame Screw Ins. Tube	24061	1					Ventilating Fan	
23920	1					Head Band Aligning Pin	<u>Drive End Head Assembly & Parts Used With</u>							
24034	1					Field Coil Assy. - Comp.	24017	1					Drive End Head Assembly	
20064	1					Ins. Tube	14L58	4					#8 Lock Washer	
22367	1					Terminal	13040	1					1/4 Oiler - Press in Type	
22773	1					Terminal	23426	1					Felt Washer	
22897	1					Ins. Bushing	23431	1					Ball Brg. - S.A.E. #205	
23210	3					Lead Ins.	24016	1					Drive End Head	
24006	1					C.B. Lead Assy.	24019	1					Felt Washer Retainer	
22268	2					Wire Clip	24022	1					Bearing Retainer	
22367	2					Terminal	17158005	4					#8-32x5/16 Rd. Hd. Screw	
22897	1					Ins. Bushing	<u>Miscellaneous Parts</u>							
24028	1					Field Coil - U.R.	21624	1					C.B. & Reg. Assy.	
24029	1					Field Coil - L.R.	24N7600	1					#10-32 Hex. Nut	
24030	1					Field Coil - L.L.	20117	1					#6 Lock Washer	
24031	1					Field Coil - U.L.	20134	1					Fuse Retainer	
14205412	8					Pole Piece Screw	20688	1					#10 Skpf. Washer	
<u>Comm. End Plate Assembly & Parts Used With</u>					<u>Drive End Head Assembly & Parts Used With</u>					<u>Miscellaneous Parts</u>				
14L56	4	#6				Lock Washer	20758	1					Fuse - 7 1/2 Amps.	
14L60	3	#10				Lock Washer	21248	1					Cover	
22116	1					Gasket	22169	2					#10 Lock Washer	
22600	1	Ball Brg. - S.A.E. #202					22676	1					Spring	
23544	1	9/16-18				Hex. Nut	22679	1					Insulation	
23663	1					Bearing Spacer	23150	1					Base Insulation	
23669	1	C.E. Cap Cover					14156004	1					#6-32x1/4 Rd. Hd. Screw	
23703	1	Brush - 3rd					14158004	2					#8-32x1/4 Rd. Hd. Screw	
23846	2	Brush - Main					24160006	2					#10-32x3/8 Rd. Hd. Screw	
(24049)	1	Comm. End Plate Assy.					22169	2					#10 Lock Washer	
20660	3	#6 Skpf. Washer					23861	1					Head Band Assembly	
22139	1	1/4 Oiler - Hinged Top					24160004	2					#10-32x1/4 Rd. Hd. Screw	
22157	1	Felt Washer							1	2	3	4	5	
22158	1	Felt Washer Retainer												
22599	1	Lock Spring Ring												
22605	1	Felt Guard												
22748	1	Spring Washer												
22750	1	Snap Ring												
23417	1	3rd. Br. Plate Adjusting Pinion												
23551	3	3rd. Br. Plate Retaining Spring												
23671	1	Felt Wick												
23852	2	Brush Spring												
24011	1	3rd. Br. Holder Plate Assembly												
23585	1	Brush Spring												
24067	1	C.E. Plate Part Assy.												
17156004	3	#6-32x1/4 Rd. Hd. Sc.												
14156004	4	#6-32x1/4 Rd. Hd. Screw												
20160004	3	#10-32x1/4 Rd. Hd. Screw												
		1	2	3	4	5								

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CO-1306 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

AUTO-LITE OWEN-DYNETO

CO-1307 GENERATOR PARTS LIST

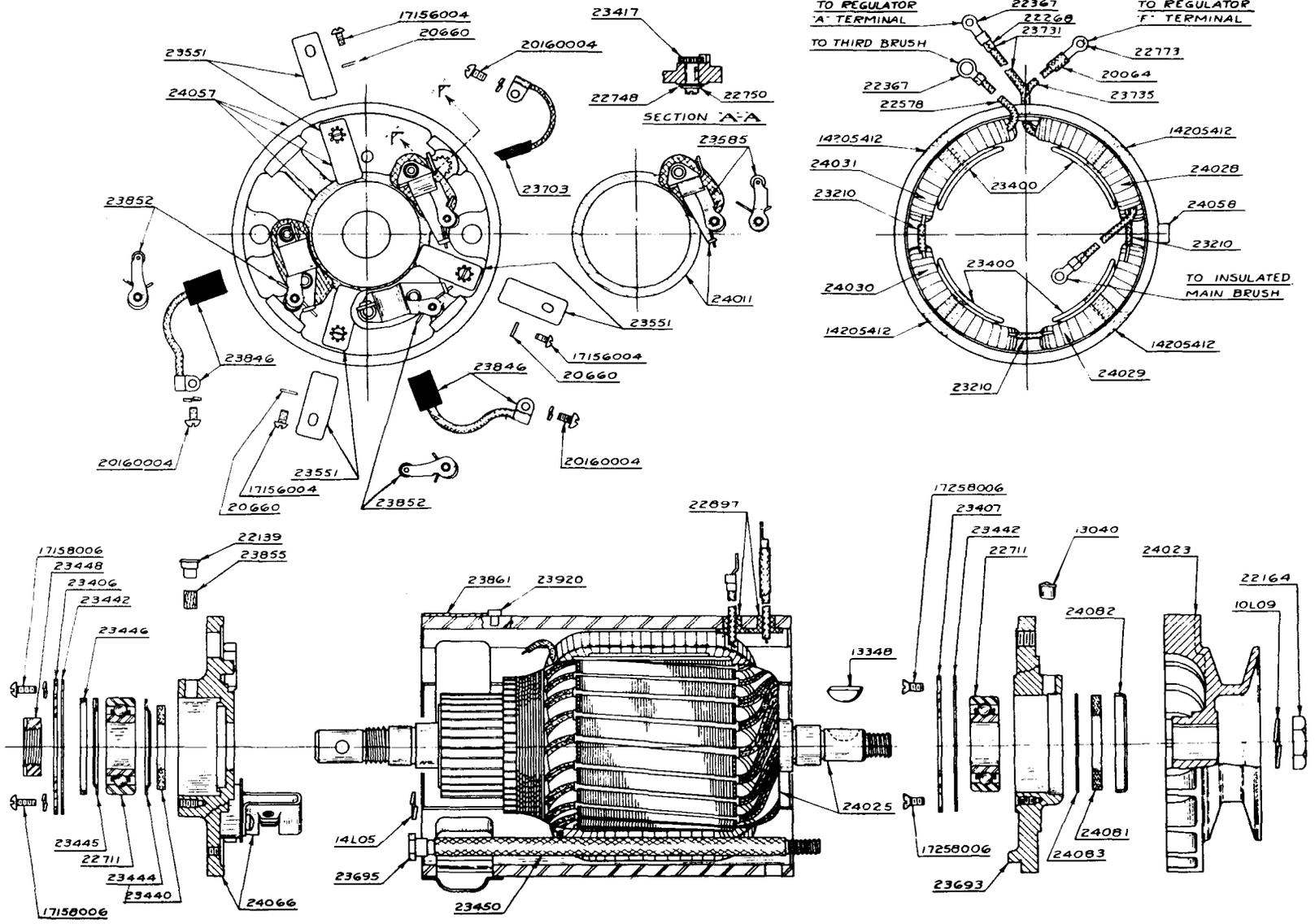
CO-1307

<u>Frame & Field Assembly & Parts Used With</u>					<u>Armature Assembly & Parts Used With</u>				
Part No.	No. Used	Name of Part			Part No.	No. Used	Name of Part		
		1	2	3 4 5			1	2 3 4 5	
14L05	2	5/16 Lock Washer			10L09	1	9/16 Lock Washer		
23695	2	Frame Screw			13348	1	#6 Woodruff Key		
(24071)	1	Frame & Field Assy.			22164	1	9/16-18 Hex. Nut		
23400	4	Pole Piece			23448	1	Armature Shaft Nut		
23450	2	Frame Screw Ins. Tube			24023	1	Drive Pulley		
23920	1	Head Band Aligning Pin			24025	1	Armature Assembly		
24027	1	Field Coil Assy. - Comp.			<u>Drive End Head Assembly & Parts Used With</u>				
20064	1	Ins. Tube			23729	1	Drive End Head Assy.		
22367	1	Terminal			13040	1	1/4 Oiler - Press in Type		
22773	1	Terminal			22711	1	Ball Brg. - S.A.E. #204		
22897	1	Ins. Bushing			23407	1	Bearing Retainer		
23210	3	Lead Ins.			23442	1	Gasket		
23731	1	C.B. Lead Assy.			23693	1	D.E. Head		
22268	2	Wire Clip			24081	1	Felt Washer		
22367	2	Terminal			24082	1	Felt Retainer		
22897	1	Ins. Bushing			24083	1	Felt Guard		
24028	1	Field Coil - U.R.			17258006	4	#8-32x3/8 Flat Hd. Screw		
24029	1	Field Coil - L.R.			<u>Miscellaneous Parts</u>				
24030	1	Field Coil - L.L.			21624	1	C.B. & Reg. Assy.		
24031	1	Field Coil - U.L.			24N7600	1	#10-32 Hex. Nut		
24058	1	Aligning Dowel			20117	1	#6 Lock Washer		
26950	1	Insulating Washer			20134	1	Fuse Retainer		
14205412	8	Pole Piece Screw			20688	1	#10 Skpf. Washer		
<u>Comm. End Plate Assembly & Parts Used With</u>					20758	1	Fuse - 7 1/2 Amps.		
14L60	3	#10 Lock Washer			21248	1	Cover		
23703	1	Brush - 3rd			22169	2	#10 Lock Washer		
23846	2	Brush - Main			22676	1	Spring		
(24057)	1	Comm. End Plate Assy.			22679	1	Insulation		
14L58	4	#8 Lock Washer			23150	1	Base Insulation		
20660	3	#6 Skpf. Washer			14156004	1	#6-32x1/4 Rd. Hd. Sc.		
22139	1	1/4 Oiler - Hinged Top			14158004	2	#8-32x1/4 Rd. Hd. Sc.		
22711	1	Ball Brg. - S.A.E. #204			24160006	2	#10-32x3/8 Rd. Hd. Sc.		
22748	1	Spring Washer			22169	2	#10 Lock Washer		
22750	1	Snap Ring			23861	1	Head Band Assembly		
23406	1	C.E. Bearing Cover			24160004	2	#10-32x1/4 Rd. Hd. Screw		
23417	1	3rd Brush Plate Adjusting Pinion			1 2 3 4 5				
23440	1	Felt Washer			(Issued 12-5-35)				
23442	1	Gasket							
23444	1	Felt Washer Retainer							
23445	1	Bearing Retainer							
23446	1	Bearing Retainer Ring							
23551	3	3rd Brush Plate Retain'g Spring							
23852	2	Brush Spring							
23855	1	Oil Wick							
24011	1	3rd Brush Holder Plate Assembly							
23585	1	Brush Spring							
24066	1	C.E. Plate Part Assy.							
17156004	3	#6-32x1/4 Rd. Hd. Sc.							
17158006	4	#8-32x3/8 Rd. Hd. Sc.							
20160004	3	#10-32x1/4 Rd. Hd. Screw							
		1	2	3 4 5					

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File in
Equipment & Parts Lists Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."



CO-1307 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

AUTO-LITE OWEN-DYNETO

CO-1309 GENERATOR PARTS LIST

CO-1309

Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With				
Part No.	No. Used	Name of Part			Part No.	No. Used	Name of Part		
		1	2	3 4 5			1	2 3 4 5	
14L05	2	5/16 Lock Washer			13348	1	#6 Woodruff Key		
23695	2	Frame Screw			23389	1	Thrust Washer		
(24078)	1	Frame & Field Assy.			23448	1	Armature Shaft Nut		
23450	2	Frame Screw Ins. Tube			23691	1	Armature Assembly		
23874	4	Pole Piece			23714	1	Drive Pulley		
24076	1	Field Coil Assy. - Comp.			23719	1	Bearing Spacer		
20064	1	Ins. Tube			23724	1	7/16-20 Hex. Nut		
22367	1	Terminal			Drive End Head Assembly & Parts Used With				
22773	1	Terminal			23729	1	Drive End Head Assy.		
23210	3	Lead Assy.			13040	1	1/4 Oiler - Press in Type		
23731	1	C.B. Lead Assy.			22711	1	Ball Brg. - S.A.E. #204		
22268	2	Wire Clip			23407	1	Bearing Retainer		
22367	2	Terminal			23442	1	Gasket		
22897	1	Ins. Bushing			23693	1	D.E. Head		
23877	1	Field Coil - U.R.			24081	1	Felt Washer		
23878	1	Field Coil - L.R.			24082	1	Felt Retainer		
23879	1	Field Coil - L.L.			24083	1	Felt Guard		
23880	1	Field Coil - U.L.			17258006	4	#8-32x3/8 Flat Hd. Screw		
14205412	8	Pole Piece Screw			Miscellaneous Parts				
26950	1	Insulating Washer			22169	2	#10 Lock Washer		
Comm. End Plate Assembly & Parts Used With					23730	1	Head Band Assembly		
14L60	3	#10 Lock Washer			40300	1	C.B. & Reg. Assy.		
23703	1	Brush - Third			24N7600	1	#10-32 Hex. Nut		
23846	2	Brush - Main			20117	1	#6 Lock Washer		
(24074)	1	Comm. End Plate Assy.			20134	1	Fuse Retainer		
14L58	4	#8 Lock Washer			20688	1	#10 Skpf. Washer		
20660	3	#6 Skpf. Washer			21248	1	Cover		
22139	1	1/4 Oiler - Hinged Top			22169	2	#10 Lock Washer		
22711	1	Ball Brg. - S.A.E. #204			22676	1	Spring		
22748	1	Spring Washer			22678	1	Fuse - 5 Amps.		
22750	1	Snap Ring			22679	1	Insulation		
23406	1	C.E. Bearing Cover			23150	1	Base Insulation		
23417	1	3rd Br. Plate Adjusting Pinion			14156004	1	#6-32x1/4 Rd. Hd. Screw		
					14158004	2	#8-32x1/4 Rd. Hd. Screw		
23440	1	Felt Washer			24160006	2	#10-32x3/8 Rd. Hd. Screw		
23442	1	Gasket			24160004	2	#10-32x1/4 Rd. Hd. Screw		
23444	1	Felt Washer Retainer					1	2	3 4 5
23445	1	Bearing Retainer			(Issued 11-26-35) "				
23446	1	Bearing Retainer Ring							
23551	3	3rd Brush Plate Retain'g Spring							
23952	2	Brush Spring							
23855	1	Oil Wick							
24011	1	3rd Brush Holder Plate Assembly							
23585	1	Brush Spring							
24088	1	Comm. End Plate Part Assy.							
17156004	3	#6-32x1/4 Rd. Hd. Screw							
17158006	4	#8-32x3/8 Rd. Hd. Screw							
20160004	3	#10-32x1/4 Rd. Hd. Screw							
		1	2	3 4 5					

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"NOTE: Where part numbers are shown in parenthesis they re for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CO-1336 GENERATOR PARTS LIST

CO-1336

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part
		1 2 3 4 5
14L05	2	5/16 Lock Washer
23695	2	Frame Screw
(24211)	1	Frame & Field Assy.
23400	4	Pole Piece
23450	2	Frame Screw Ins. Tube
23920	1	Head Band Aligning Pin
24152	1	Field Coil Assy. - Comp.
22268	2	Wire Clip
22367	2	Terminal
23210	3	Lead Insulation
24028	1	Field Coil - U.R.
24029	1	Field Coil - L.R.
24030	1	Field Coil - L.L.
24031	1	Field Coil - U.L.
24156	1	C.B. Lead Assy.
22268	2	Wire Clip
22367	2	Terminal
24152	1	Insulating Bushing
24154	1	Insulating Washer
14205412	8	Pole Piece Screw

Comm. End Plate Assembly & Parts Used With

14L56	4	#6 Lock Washer
14L60	3	#10 Lock Washer
22116	1	Gasket
22600	1	Ball Brg. - S.A.E. #202
23544	1	9/16-18 Hex. Nut
23663	1	Bearing Spacer
23669	1	C.E. Cap Cover
23703†	1	Brush - Third
23846†	2	Brush - Main
(24049)	1	Comm. End Plate Assy.
20660	3	#6 Skpf. Washer
22139	1	1/4 Oiler - Hinged Top
22157	1	Felt Washer
22158	1	Felt Washer Retainer
22599	1	Lock Spring Ring
22605	1	Felt Guard
22748	1	Spring Washer
22750	1	Snap Ring
23417	1	3rd Brush Plate Adjusting Pinion
23551	3	3rd Brush Plate Retain'g Spring
23671	1	Felt Wick
23852	2	Brush Spring
24011	1	3rd Brush Holder Plate Assembly
23585	1	Brush Spring
24067	1	C.E. Plate Part Assy.
17156004	3	#6-32x1/4 Rd. Hd. Screw
14156004	4	#6-32x1/4 Rd. Hd. Screw
20160004	3	#10-32x1/4 Rd. Hd. Screw
		1 2 3 4 5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part
		1 2 3 4 5
16544	1	1/4-20 Set Screw
24015	1	Armature Assembly
24018	1	Armature Shaft Spacer
24021	1	Armature Shaft Collar
24061	1	Ventilating Fan

Drive End Head Assembly & Parts Used With

24017	1	Drive End Head Assy.
14L58	4	#8 Lock Washer
13040	1	1/4 Oiler - Press in Type
23426	1	Felt Washer
23431	1	Ball Brg. - S.A.E. #205
24016	1	Drive End Head
24019	1	Felt Washer Retainer
24022	1	Bearing Retainer
17158005	4	#8-32x5/16 Rd. Hd. Screw

Miscellaneous Parts

TC-4314A	1	Two Charge Regulator
22169	4	#10 Lock Washer
23861	1	Head Band Assembly
24160004	4	#10-32x1/4 Rd. Hd. Screw
		1 2 3 4 5

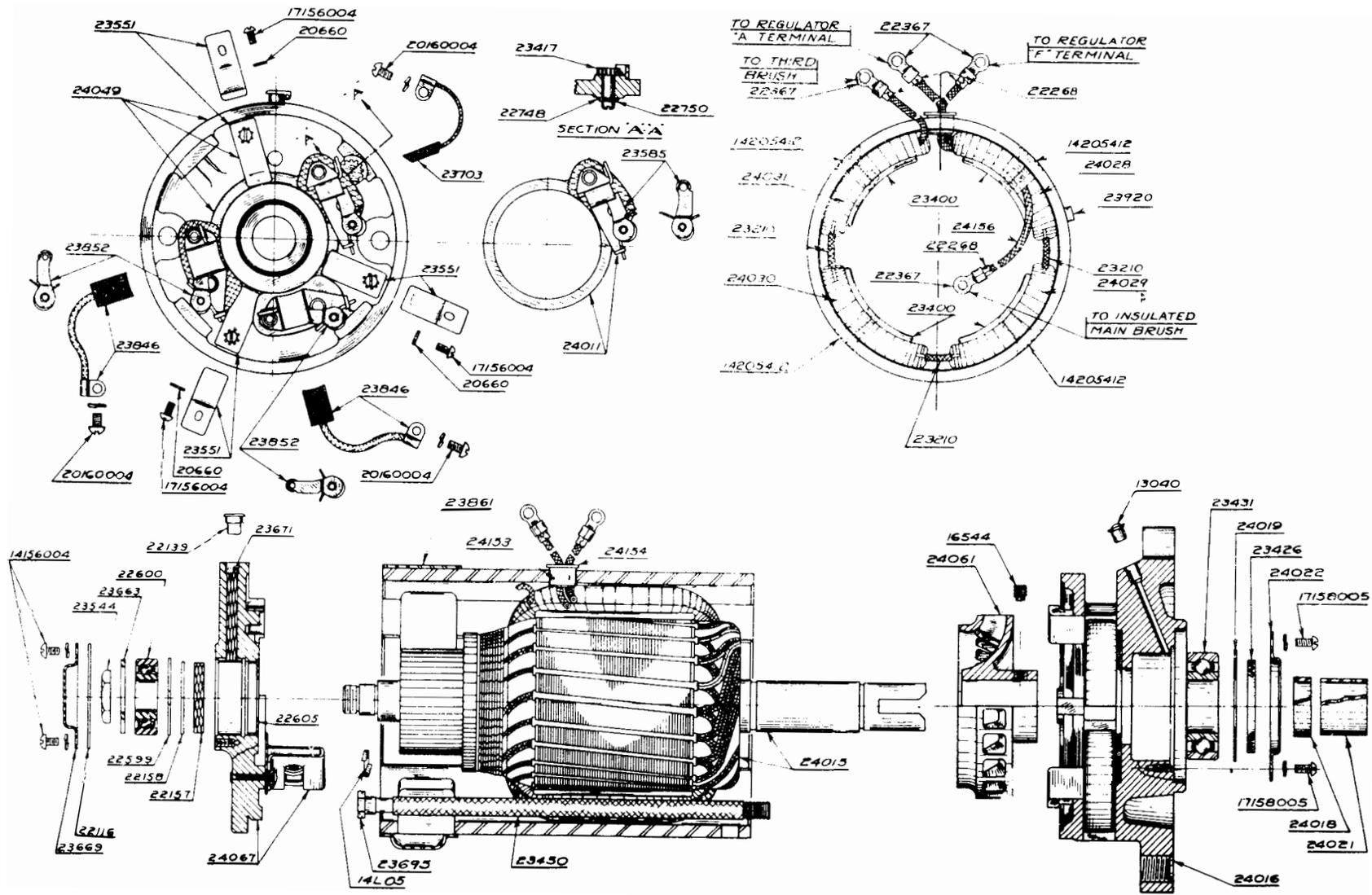
(Issued 7-30-37)

† Service Brush Set 24164.

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."



CO-1336 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CO-1337 GENERATOR PARTS LIST

CO-1337

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
14L05	2					5/16 Lock Washer
23695	2					Frame Screw
(24161)	1					Frame & Field Assy.
23400	4					Pole Piece
23450	2					Frame Screw Ins. Tube
23920	1					Head Band Aligning Pin
24058	1					Aligning Dowel
24153	1					Insulating Bushing
24154	1					Insulating Washer
24162	1					Field Coil Assy. - Comp.
22268	2					Wire Clip
22367	2					Terminal
23210	3					Lead Insulation
24028	1					Field Coil - U.R.
24029	1					Field Coil - L.R.
24030	1					Field Coil - L.L.
24031	1					Field Coil - U.L.
24163	1					C.B. Lead Assy.
22268	2					Wire Clip
22367	2					Terminal
14205412	8					Pole Piece Screw

Comm. End Plate Assembly & Parts Used With

14L60	3					#10 Lock Washer
23703†	1					Brush - Third
23846†	2					Brush - Main
(24057)	1					Comm. End Plate Assy.
14L58	4					#8 Lock Washer
20660	3					#6 Skpf. Washer
22139	1					1/4 Oiler - Hinged Top
22711	1					Ball Brg. - S.A.E. #204
22748	1					Spring Washer
22750	1					Snap Ring
23406	1					C.E. Bearing Cover
23417	1					3rd Brush Plate Adjusting Pinion
23440	1					Felt Washer
23442	1					Gasket
23444	1					Felt Washer Retainer
23445	1					Bearing Retainer
23446	1					Bearing Retainer Ring
23551	3					3rd Brush Plate Retain'g Spring
23852	2					Brush Spring
23855	1					Oil Wick
24011	1					3rd Brush Holder Plate Assembly
23585	1					Brush Spring
24066	1					C.E. Plate Part Assy.
17156004	3					#6-32x1/4 Rd. Hd. Screw
17158006	4					#8-32x3/8 Rd. Hd. Screw
20160004	3					#10-32x1/4 Rd. Hd. Screw
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
10L09	1					9/16 Lock Washer
13348	1					#6 Woodruff Key
22164	1					9/16-18 Hex. Nut
23448	1					Armature Shaft Nut
24023	1					Drive Pulley
24025	1					Armature Assembly

Drive End Head Assembly & Parts Used With

23729	1					Drive End Head Assy.
13040	1					1/4 Oiler - Press in Type
22711	1					Ball Brg. - S.A.E. #204
23407	1					Bearing Retainer
23442	1					Gasket
23693	1					D.E. Head
24081	1					Felt Washer
24082	1					Felt Retainer
24083	1					Felt Guard
17258006	4					#8-32x3/8 Flat Hd. Screw

Miscellaneous Parts

TC-4314A	1					Two Charge Regulator
22169	4					#10 Lock Washer
23861	1					Head Band Assembly
24160004	4					#10-32x1/4 Rd. Hd. Screw
		1	2	3	4	5

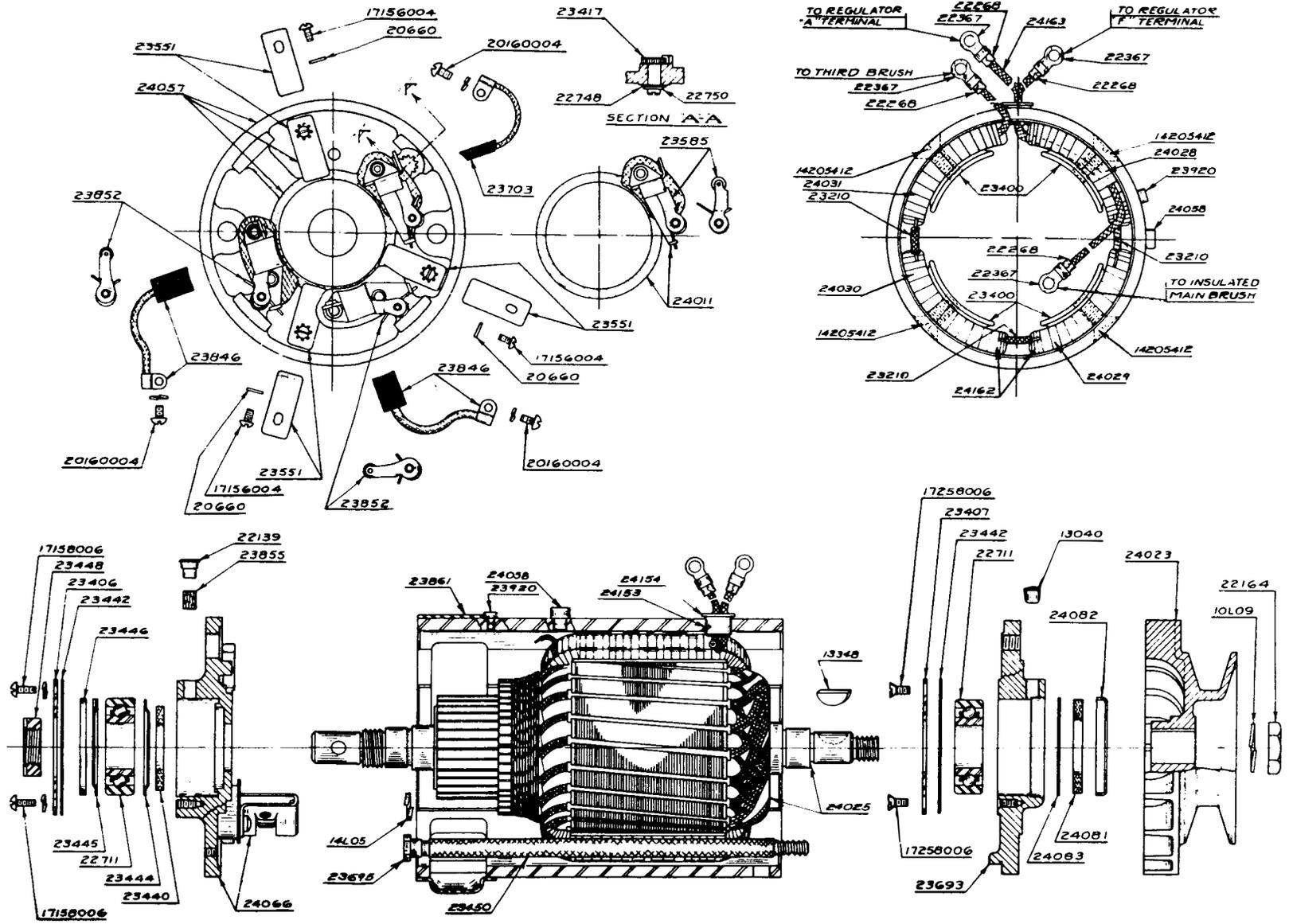
(Issued 7-14-37)

† Service Brush Set 24164.

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CO-1337 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CO-1338 GENERATOR PARTS LIST

CO-1338

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part
		1 2 3 4 5
14105	2	5/16 Lock Washer
23695	2	Frame Screw
(24157)	1	Frame & Field Assy.
23400	4	Pole Piece
23450	2	Frame Screw Ins. Tube
23920	1	Head Band Aligning Pin
24152	1	Field Coil Assy. - Comp.
22268	2	Wire Clip
22367	2	Terminal
23210	3	Lead Insulation
24028	1	Field Coil - U.R.
24029	1	Field Coil - L.R.
24030	1	Field Coil - L.L.
24031	1	Field Coil - U.L.
24156	1	C.B. Lead Assy.
22268	2	Wire Clip
22367	2	Terminal
24041	1	Mounting Bracket
24153	1	Insulating Bushing
24154	1	Insulating Washer
14205410	4	Pole Piece Screw - 5/16-18x5/8 Flat Hd. Sc.
14205412	.8	Pole Piece Screw

Comm. End Plate Assembly & Parts Used With

14156	4	#6 Lock Washer
14160	3	#10 Lock Washer
22116	1	Gasket
22600	1	Ball Brg. - S.A.E. #202
23544	1	9/16-18 Hex. Nut
23663	1	Bearing Spacer
23669	1	C.E. Cap Cover
23703	1	Brush - Third
23846	2	Brush - Main
(24049)	1	Comm. End Plate Assy.
20660	3	#6 Skpf. Washer
22139	1	1/4 Oiler - Hinged Top
22157	1	Felt Washer
22158	1	Felt Washer Retainer
22599	1	Lock Spring Ring
22605	1	Felt Guard
22748	1	Spring Washer
22750	1	Snap Ring
23417	1	3rd Brush Plate Adjusting Pinion
23551	3	3rd Brush Plate Retain'g Spring
23671	1	Felt Wick
23852	2	Brush Spring
24011	1	3rd Brush Holder Plate Assembly
23585	1	Brush Spring
24067	1	C.E. Plate Part Assy.
17156004	3	#6-32x1/4 Rd. Hd. Screw
14156004	4	#6-32x1/4 Rd. Hd. Screw
20160004	3	#10-32x1/4 Rd. Hd. Screw
		1 2 3 4 5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part
		1 2 3 4 5
10L07	1	#7 Lock Washer
13348	2	#6 Woodruff Key
22225	1	7/16-20 Hex. Nut
24039	1	Armature Assembly
24042	1	Ventilating Fan
<u>Drive End Head Assembly & Parts Used With</u>		
23729	1	Drive End Head Assy.
13040	1	1/4 Oiler - Press in Type
22711	1	Ball Brg' - S.A.E. #204
23407	1	Bearing Retainer
23442	1	Gasket
23693	1	D.E. Head
24081	1	Felt Washer
24082	1	Felt Retainer
24083	1	Felt Guard
17258006	4	#8-32x3/8 Flat Hd. Sc.
<u>Miscellaneous Parts</u>		
TC-4314A	1	Two Charge Regulator & Circuit Breaker
22169	4	#10 Lock Washer
23861	1	Head Band Assembly
24160004	4	#10-32x1/4 Rd. Hd. Screw
		1 2 3 4 5

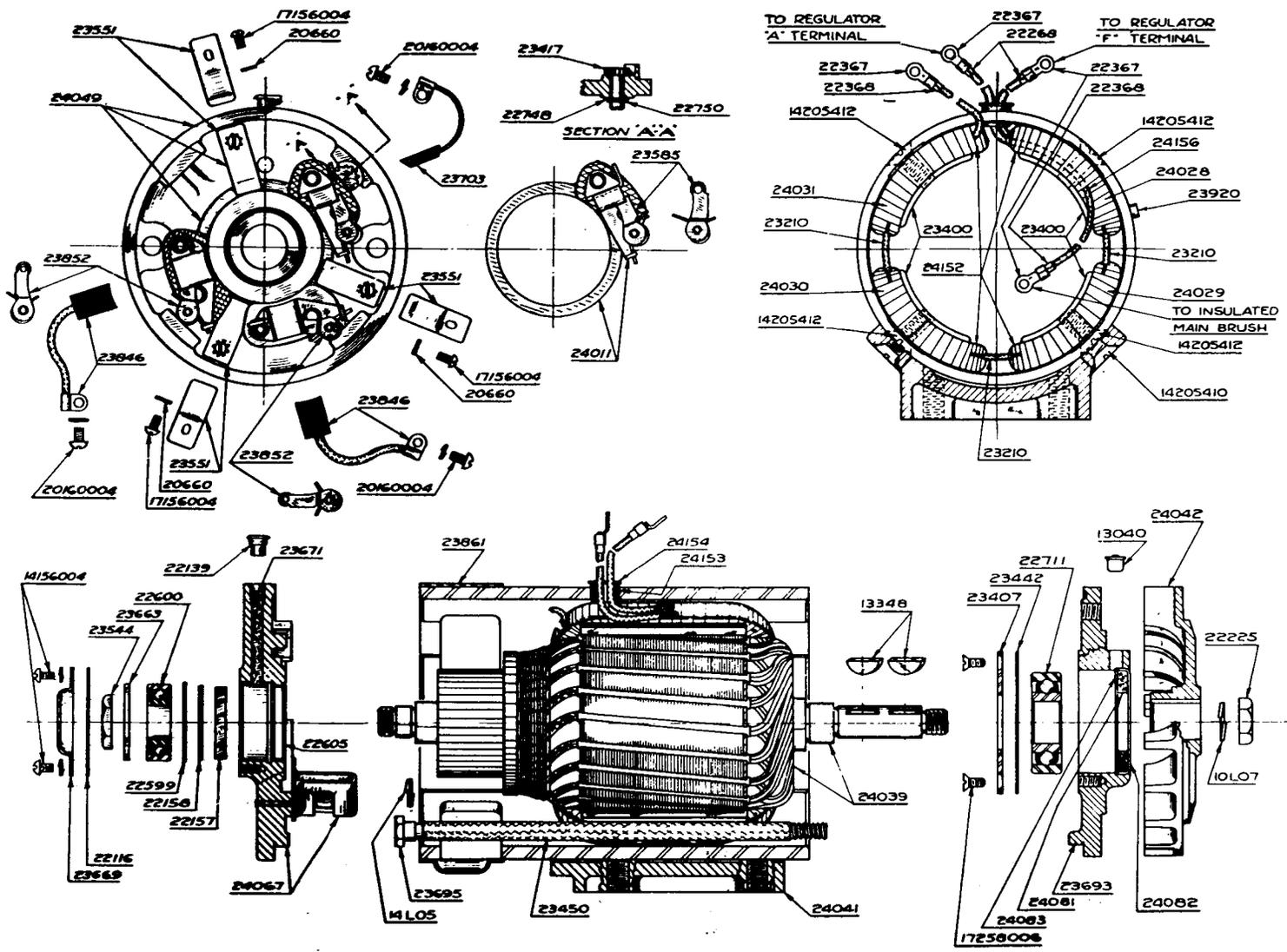
(Issued 5-13-36)

NOTE:- Use 24164 brush set in servicing this unit.

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File in
Equipment & Parts Lists Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."



CO-1338 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

AUTO-LITE OWEN-DYNETO

CO-1309 GENERATOR PARTS LIST

CO-1309

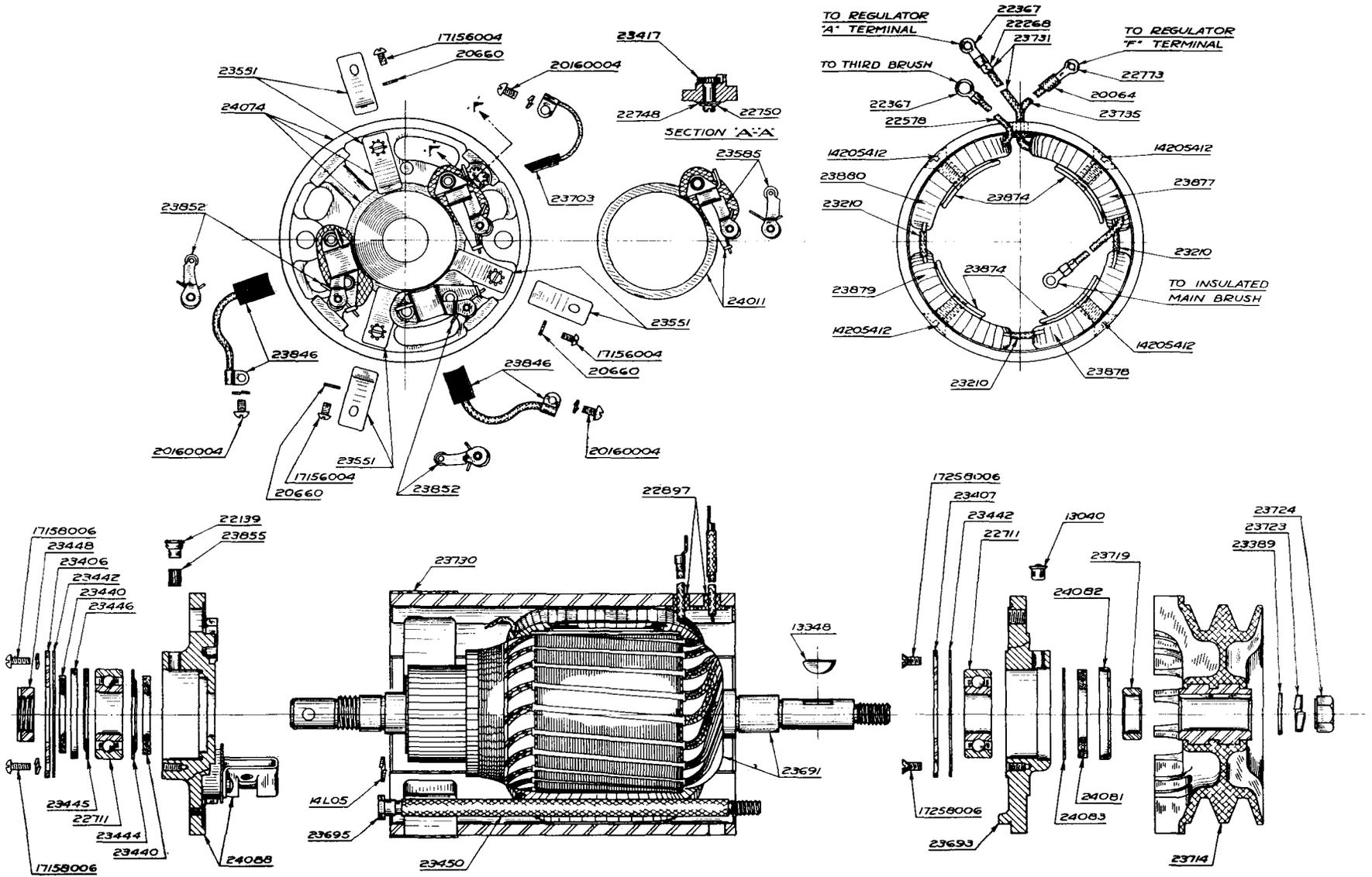
Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With						
Part No.	No. Used	Name of Part			Part No.	No. Used	Name of Part				
		1	2	3 4 5			1	2 3 4 5			
14L05	2	5/16	Lock	Washer	13348	1	#6	Woodruff	Key		
23695	2	Frame	Screw		23389	1	Thrust	Washer			
(24078)	1	Frame & Field	Assy.		23448	1	Armature	Shaft	Nut		
23450	2	Frame	Screw	Ins. Tube	23691	1	Armature	Assembly			
23874	4	Pole	Piece		23714	1	Drive	Pulley			
24076	1	Field	Coil	Assy. - Comp.	23719	1	Bearing	Spacer			
20064	1	Ins.	Tube		23724	1	7/16-20	Hex.	Nut		
22367	1	Terminal			Drive End Head Assembly & Parts Used With						
22773	1	Terminal			23729	1	Drive	End	Head		
23210	3	Lead	Assy.		13040	1	1/4	Oiler	- Press in Type		
23731	1	C.B.	Lead	Assy.	22711	1	Ball	Brg.	- S.A.E. #204		
22268	2	Wire	Clip		23407	1	Bearing	Retainer			
22367	2	Terminal			23442	1	Gasket				
22897	1	Ins.	Pushing		23693	1	D.E.	Head			
23877	1	Field	Coil	- U.R.	24081	1	Felt	Washer			
23878	1	Field	Coil	- L.R.	24082	1	Felt	Retainer			
23879	1	Field	Coil	- L.L.	24083	1	Felt	Guard			
23880	1	Field	Coil	- U.L.	17258006	4	#8-32x3/8	Flat	Hd. Screw		
14205412	8	Pole	Piece	Screw	Miscellaneous Parts						
26950	1	Insulating	Washer		22169	2	#10	Lock	Washer		
Comm. End Plate Assembly & Parts Used With					23730	1	Head	Band	Assembly		
14L60	3	#10	Lock	Washer	40300	1	C.B.	& Reg.	Assy.		
23703	1	Brush	- Third		24N7600	1	#10-32	Hex.	Nut		
23846	2	Brush	- Main		20117	1	#6	Lock	Washer		
(24074)	1	Comm.	End	Plate	Assy.	20134	1	Fuse	Retainer		
14L58	4	#8	Lock	Washer	20688	1	#10	Skpf.	Washer		
20660	3	#6	Skpf.	Washer	21248	1	Cover				
22139	1	1/4	Oiler	- Hinged	Top	22169	2	#10	Lock	Washer	
22711	1	Ball	Brg.	- S.A.E. #204	22676	1	Spring				
22748	1	Spring	Washer		22678	1	Fuse	- 5	Amps.		
22750	1	Snap	Ring		22679	1	Insulation				
23406	1	C.E.	Bearing	Cover	23150	1	Base	Insulation			
23417	1	3rd	Br.	Plate	Adjusting	14156004	1	#6-32x1/4	Rd.	Hd. Screw	
		Pinion			14158004	2	#8-32x1/4	Rd.	Hd. Screw		
23440	1	Felt	Washer		24160006	2	#10-32x3/8	Rd.	Hd. Screw		
23442	1	Gasket			24160004	2	#10-32x1/4	Rd.	Hd. Screw		
23444	1	Felt	Washer	Retainer			1	2	3	4	5
23445	1	Bearing	Retainer		(Issued 11-26-35) "						
23446	1	Bearing	Retainer	Ring							
23551	3	3rd	Brush	Plate	Retain'g						
		Spring									
23852	2	Brush	Spring								
23855	1	Oil	Wick								
24011	1	3rd	Brush	Holder	Plate						
		Assembly									
23585	1	Brush	Spring								
24088	1	Comm.	End	Plate	Part	Assy.					
17156004	3	#6-32x1/4	Rd.	Hd.	Screw						
17158006	4	#8-32x3/8	Rd.	Hd.	Screw						
20160004	3	#10-32x1/4	Rd.	Hd.	Screw						
		1	2	3	4	5					

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"NOTE: Where part numbers are shown in parenthesis they re for reference only. By stocking sub-parts the complete p rt can be assembled as needed."

CO-1309 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CO-1336 GENERATOR PARTS LIST

CO-1336

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
14L05	2			5/16	Lock Washer	
23695	2				Frame Screw	
(24211)	1				Frame & Field Assy.	
23400	4				Pole Piece	
23450	2				Frame Screw Ins. Tube	
23920	1				Head Band Aligning Pin	
24152	1				Field Coil Assy. - Comp.	
22268	2				Wire Clip	
22367	2				Terminal	
23210	3				Lead Insulation	
24028	1				Field Coil - U.R.	
24029	1				Field Coil - L.R.	
24030	1				Field Coil - L.L.	
24031	1				Field Coil - U.L.	
24156	1				C.B. Lead Assy.	
22268	2				Wire Clip	
22367	2				Terminal	
24152	1				Insulating Bushing	
24154	1				Insulating Washer	
14205412	8				Pole Piece Screw	

Comm. End Plate Assembly & Parts Used With

14L56	4	#6	Lock Washer
14L60	3	#10	Lock Washer
22116	1		Gasket
22600	1	Ball Brg. - S.A.E. #202	
23544	1	9/16-18	Hex. Nut
23663	1		Bearing Spacer
23669	1		C.E. Cap Cover
23703†	1		Brush - Third
23846†	2		Brush - Main
(24049)	1		Comm. End Plate Assy.
20660	3	#6 Skpf.	Washer
22139	1	1/4	Oiler - Hinged Top
22157	1		Felt Washer
22158	1		Felt Washer Retainer
22599	1		Lock Spring Ring
22605	1		Felt Guard
22748	1		Spring Washer
22750	1		Snap Ring
23417	1		3rd Brush Plate Adjusting Pinion
23551	3		3rd Brush Plate Retain'g Spring
23671	1		Felt Wick
23852	2		Brush Spring
24011	1		3rd Brush Holder Plate Assembly
23585	1		Brush Spring
24067	1		C.E. Plate Part Assy.
17156004	3	#6-32x1/4	Rd. Hd. Screw
14156004	4	#6-32x1/4	Rd. Hd. Screw
20160004	3	#10-32x1/4	Rd. Hd. Screw
		1 2 3 4 5	

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
16544	1	1/4-20	Set Screw			
24015	1		Armature Assembly			
24018	1		Armature Shaft Spacer			
24021	1		Armature Shaft Collar			
24061	1		Ventilating Fan			

Drive End Head Assembly & Parts Used With

24017	1		Drive End Head Assy.
14L58	4	#8	Lock Washer
13040	1	1/4	Oiler - Press in Type
23426	1		Felt Washer
23431	1	Ball Brg. - S.A.E. #205	
24016	1		Drive End Head
24019	1		Felt Washer Retainer
24022	1		Bearing Retainer
17158005	4	#8-32x5/16	Rd. Hd. Screw

Miscellaneous Parts

TC-4314A	1		Two Charge Regulator
22169	4	#10	Lock Washer
23861	1		Head Band Assembly
24160004	4	#10-32x1/4	Rd. Hd. Screw
		1 2 3 4 5	

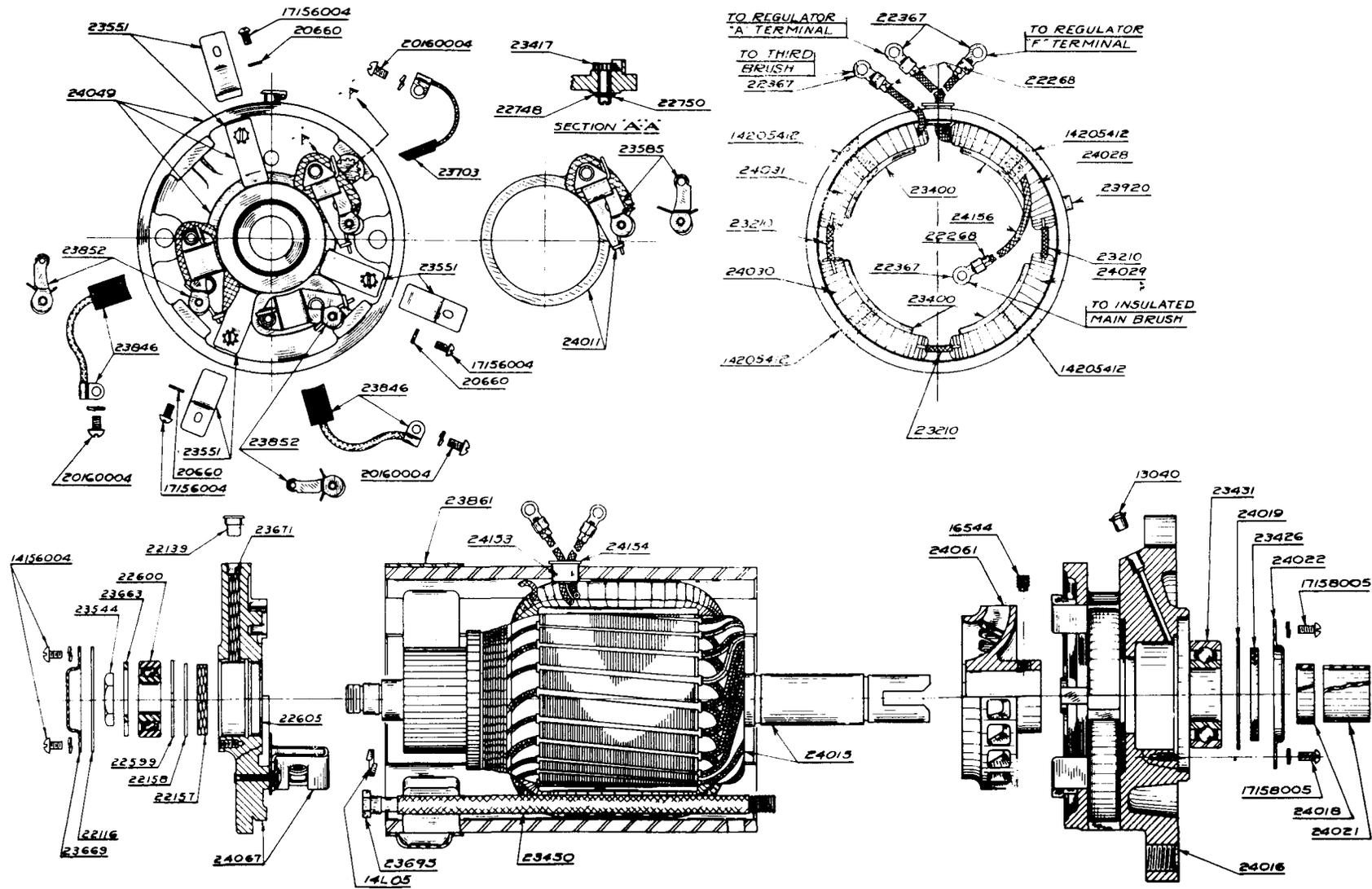
(Issued 7-30-37)

† Service Brush Set 24164.

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."



CO-1336 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CO-1337 GENERATOR PARTS LIST

CO-1337

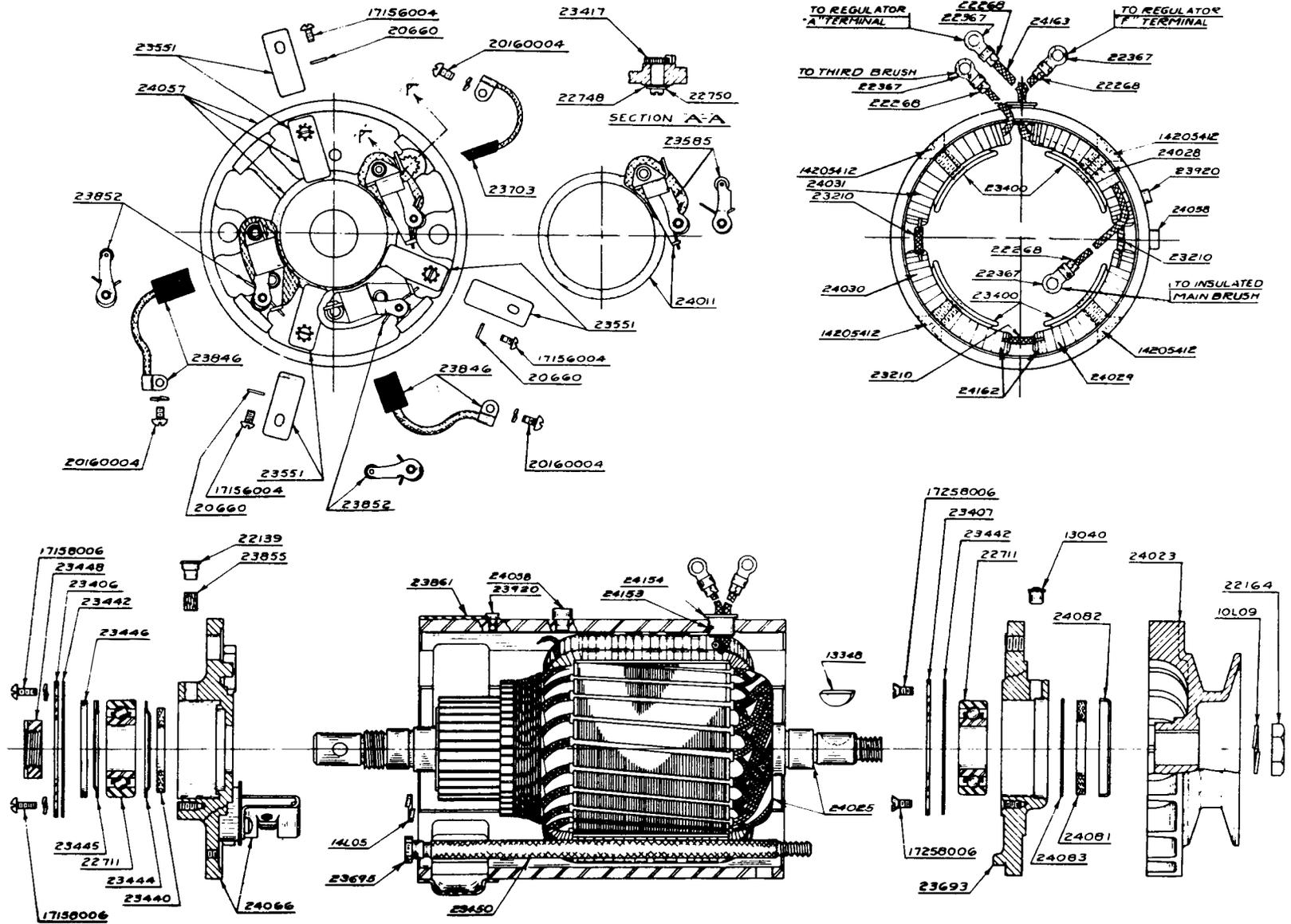
Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
14L05	2					5/16 Lock Washer	10L09	1					9/16 Lock Washer
23695	2					Frame Screw	13348	1					#6 Woodruff Key
(24161)	1					Frame & Field Assy.	22164	1					9/16-18 Hex. Nut
23400	4					Pole Piece	23448	1					Armature Shaft Nut
23450	2					Frame Screw Ins. Tube	24023	1					Drive Pulley
23920	1					Head Band Aligning Pin	24025	1					Armature Assembly
24058	1					Aligning Dowel	Drive End Head Assembly & Parts Used With						
24153	1					Insulating Bushing	23729	1					Drive End Head Assy.
24154	1					Insulating Washer	13040	1					1/4 Oiler - Press in Type
24162	1					Field Coil Assy. - Comp.	22711	1					Ball Brg. - S.A.E. #204
22268	2					Wire Clip	23407	1					Bearing Retainer
22367	2					Terminal	23442	1					Gasket
23210	3					Lead Insulation	23693	1					D.E. Head
24028	1					Field Coil - U.R.	24081	1					Felt Washer
24029	1					Field Coil - L.R.	24082	1					Felt Retainer
24030	1					Field Coil - L.L.	24083	1					Felt Guard
24031	1					Field Coil - U.L.	17258006	4					#8-32x3/8 Flat Hd. Screw
24163	1					C.B. Lead Assy.	Miscellaneous Parts						
22268	2					Wire Clip	TC-4314A	1					Two Charge Regulator
22367	2					Terminal	22169	4					#10 Lock Washer
14205412	8					Pole Piece Screw	23861	1					Head Band Assembly
Comm. End Plate Assembly & Parts Used With							24160004	4					#10-32x1/4 Rd. Hd. Screw
14L60	3					#10 Lock Washer							1 2 3 4 5
23703†	1					Brush - Third	(Issued 7-14-37)						
23846†	2					Brush - Main							
(24057)	1					Comm. End Plate Assy.							
14L58	4					#8 Lock Washer							
20660	3					#6 Skpf. Washer							
22139	1					1/4 Oiler - Hinged Top							
22711	1					Ball Brg. - S.A.E. #204							
22748	1					Spring Washer							
22750	1					Snap Ring							
23406	1					C.E. Bearing Cover							
23417	1					3rd Brush Plate Adjusting Pinion							
23440	1					Felt Washer							
23442	1					Gasket							
23444	1					Felt Washer Retainer							
23445	1					Bearing Retainer							
23446	1					Bearing Retainer Ring							
23551	3					3rd Brush Plate Retain'g Spring							
23852	2					Brush Spring							
23855	1					Oil Wick							
24011	1					3rd Brush Holder Plate Assembly							
23585	1					Brush Spring							
24066	1					C.E. Plate Part Assy.							
17156004	3					#6-32x1/4 Rd. Hd. Screw							
17158006	4					#8-32x3/8 Rd. Hd. Screw							
20160004	3					#10-32x1/4 Rd. Hd. Screw							
		1	2	3	4	5							

† Service Brush Set 24164.

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CO-1337 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

CO-1338 GENERATOR PARTS LIST

CO-1338

Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With						
Part No.	No. Used	Name of Part			Part No.	No. Used	Name of Part				
		1	2	3	4	5	1	2	3	4	5
14105	2	5/16 Lock Washer			10L07	1	#7 Lock Washer				
23695	2	Frame Screw			13348	2	#6 Woodruff Key				
(24157)	1	Frame & Field Assy.			22225	1	7/16-20 Hex. Nut				
23400	4	Pole Piece			24039	1	Armature Assembly				
23450	2	Frame Screw Ins. Tube			24042	1	Ventilating Fan				
23920	1	Head Band Aligning Pin			Drive End Head Assembly & Parts Used With						
24152	1	Field Coil Assy. - Comp.			23729	1	Drive End Head Assy.				
22268	2	Wire Clip			13040	1	1/4 Oiler - Press in Type				
22367	2	Terminal			22711	1	Ball Brg. - S.A.E. #204				
23210	3	Lead Insulation			23407	1	Bearing Retainer				
24028	1	Field Coil - U.R.			23442	1	Gasket				
24029	1	Field Coil - L.R.			23693	1	D.E. Head				
24030	1	Field Coil - L.L.			24081	1	Felt Washer				
24031	1	Field Coil - U.L.			24082	1	Felt Retainer				
24156	1	C.B. Lead Assy.			24083	1	Felt Guard				
22268	2	Wire Clip			17258006	4	#8-32x3/8 Flat Hd. Sc.				
22367	2	Terminal			Miscellaneous Parts						
24041	1	Mounting Bracket			TC-4314A	1	Two Charge Regulator & Circuit Breaker				
24153	1	Insulating Bushing			22169	4	#10 Lock Washer				
24154	1	Insulating Washer			23861	1	Head Band Assembly				
14205410	4	Pole Piece Screw - 5/16-18x5/8 Flat Hd. Sc.			24160004	4	#10-32x1/4 Rd. Hd. Screw				
14205412	.8	Pole Piece Screw					1	2	3	4	5
Comm. End Plate Assembly & Parts Used With											
14L56	4	#6 Lock Washer									
14L60	3	#10 Lock Washer									
22116	1	Gasket									
22600	1	Ball Brg. - S.A.E. #202									
23544	1	9/16-18 Hex. Nut									
23663	1	Bearing Spacer									
23669	1	C.E. Cap Cover									
23703	1	Brush - Third									
23846	2	Brush - Main									
(24049)	1	Comm. End Plate Assy.									
20660	3	#6 Skpf. Washer									
22139	1	1/4 Oiler - Hinged Top									
22157	1	Felt Washer									
22158	1	Felt Washer Retainer									
22599	1	Lock Spring Ring									
22605	1	Felt Guard									
22748	1	Spring Washer									
22750	1	Snap Ring									
23417	1	3rd Brush Plate Adjusting Pinion									
23551	3	3rd Brush Plate Retain'g Spring									
23671	1	Felt Wick									
23852	2	Brush Spring									
24011	1	3rd Brush Holder Plate Assembly									
23585	1	Brush Spring									
24067	1	C.E. Plate Part Assy.									
17156004	3	#6-32x1/4 Rd. Hd. Screw									
14156004	4	#6-32x1/4 Rd. Hd. Screw									
20160004	3	#10-32x1/4 Rd. Hd. Screw									
		1	2	3	4	5					

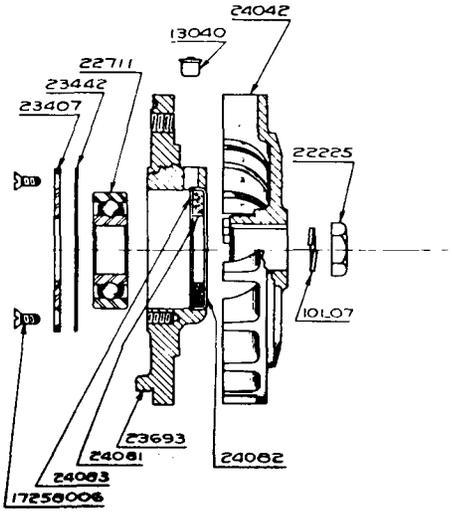
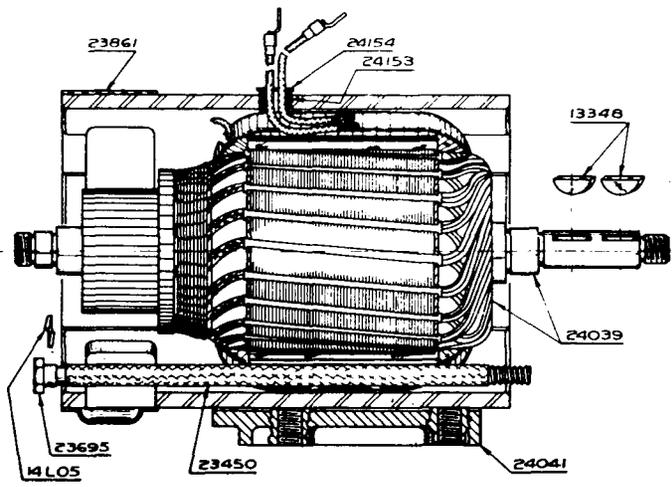
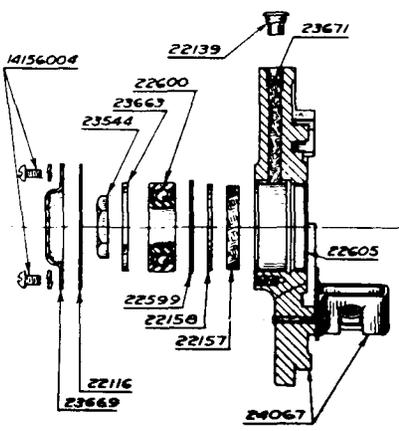
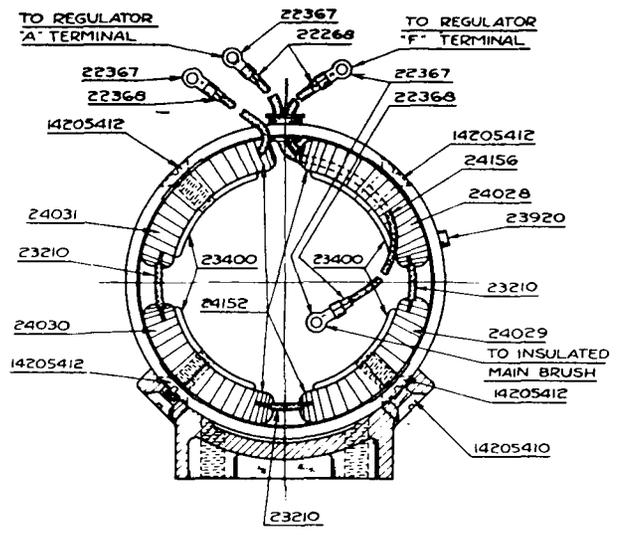
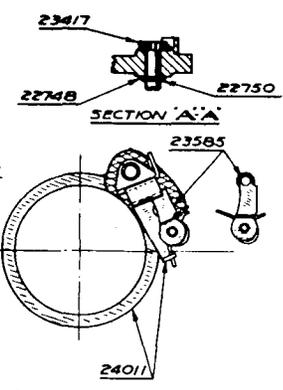
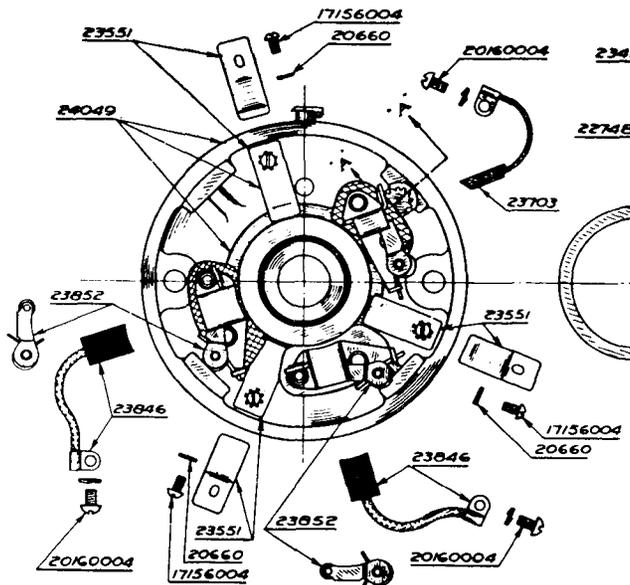
(Issued 5-13-36)

NOTE:- Use 24164 brush set in servicing this unit.

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CO-1338 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

DGA-4302 GENERATOR PARTS LIST

DGA-4302

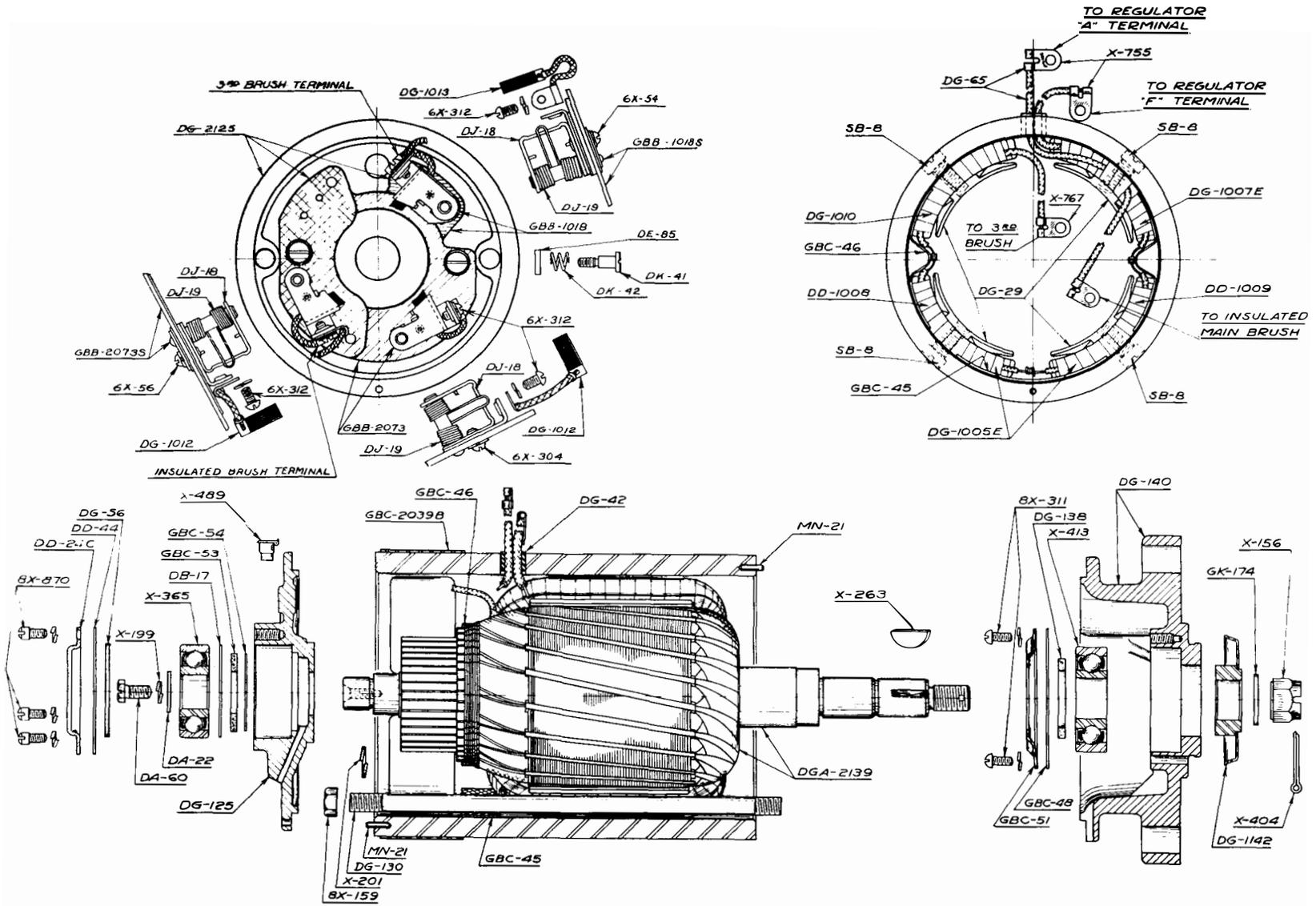
Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With									
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
DG-130	2	Frame Screw					DG-56	1	Thrust Washer					
(DG-2110)	1	Frame & Field Assy.					DG-1142	1	Oil Thrower					
DG-29	4	Pole Piece					DGA-2139	1	Armature Assembly					
DG-42	1	Ins. Bushing					GK-174	1	1/2 Plain Washer					
DG-1005E	1	Field Coil Assy. - Comp.					X-156	1	1/2-20 Castellated Nut					
DD-1008	1	Field Coil - L.L.					X-263	1	#8 Woodruff Key					
DD-1009	1	Field Coil - L.R.					X-404	1	3/32x1 Cotter Pin					
DG-1007E	1	Field Coil Assy. - U.R.					<u>Drive End Head Assembly & Parts Used With</u>							
DG-65	1	C.B. Lead Assy.					DG-1140	1	Drive End Head Assy.					
X-755	1	Terminal					DG-138	1	Felt Washer					
DG-1010	1	Field Coil Assy. - U.L.					DG-140	1	Drive End Head					
X-767	1	Terminal					GBC-48	1	Paper Gasket					
GBC-45	1	Field Connection Ins.					GBC-51	1	Bearing Retainer					
GBC-46	2	Field Connection Ins.					X-196	3	#10 Lock Washer					
MN-21	2	Dowel Pin					8X-311	3	#10-32x3/8 Rd. Hd. Sc.					
SB-8	8	Pole Piece Screw					X-413	1	Ball Brg. - Shielded - S.A.E. #304					
X-755	2	Terminal					<u>Miscellaneous Parts</u>							
8X-159	2	3/8-24 Hex. Nut					GBC-2039B	1	Head Band Assembly					
X-201	2	3/8 Lock Washer					TC-4306A	1	Two Charge Regulator & Circuit Breaker					
<u>Comm. End Plate Assembly & Parts Used With</u>						8X-118	1	#10-32x3/4 Fill. Hd. Sc.						
DA-22	1	Bearing Retaining Washer					X-196	4	#10 Lock Washer					
DA-60	1	Bearing Retaining Screw					8X-321	4	#10-32x5/16 Rd. Hd. Screw					
DB-17	1	Felt Guard							1	2	3	4	5	
DD-24C	1	End Cap Cover					(Issued 1-24-36)							
DD-44	1	End Cap Cover Gasket												
DG-1012	2	Brush - Main												
DG-1013	1	Brush - Third												
(DG-2125)	1	Comm. End Plate Assy.												
DE-85	2	Steel Washer												
DG-125	1	Comm. End Plate												
DK-41	2	Brush Holder Plate Screw												
DK-42	2	Spring												
GBB-1018	1	3rd Brush Holder Plate Assembly												
DJ-18	1	Brush Holder												
DJ-19	1	Brush Spring												
GBB-1018S	1	Br. Holder Plate Part Assembly												
8X-54	1	#8-32x1/2 Rd. Hd. Sc.												
X-195	1	#8 Lock Washer												
GBB-2073	1	Brush Holder Plate Assy.												
DJ-18	2	Brush Holder												
DJ-19	2	Brush Spring												
GBB-2073S	1	Br. Holder Plate Part Assembly												
8X-56	1	#8-32x7/16 Rd. Hd. Sc.												
X-195	2	#8 Lock Washer												
8X-304	1	#8-32x5/16 Rd. Hd. Sc.												
GBC-53	1	Felt Washer												
GBC-54	1	Felt Guard												
X-196	6	#10 Lock Washer												
X-199	1	1/4 Lock Washer												
8X-312	3	#10-32x1/4 Rd. Hd. Screw												
X-365	1	Ball Brg. - S.A.E. #303												
X-489	1	1/4 Oiler - Press in Type												
8X-870	3	#10-32x5/16 Fill. Hd. Screw												
		1	2	3	4	5								

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DGA-4302 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

DGA-4601 GENERATOR PARTS LIST

DGA-4601

<u>Frame & Field Assembly & Parts Used With</u>						
Part No.	No. Used	Name of Part				
		1	2	3	4	5
DG-136	2					Frame Screw
(DG-2137)	1					Frame & Field Assy.
DG-29	4					Pole Piece
DG-42	1					Ins. Bushing
DG-1005E	1					Field Coil Assy. - Comp.
DD-1008	1					Field Coil - L.L.
DD-1009	1					Field Coil - L.R.
DG-1007E	1					Field Coil Assy. - U.R.
DG-65	1					C.B. Lead Assy.
X-755	1					Terminal
DG-1010	1					Field Coil Assy. - U.L.
X-767	1					Terminal
GBC-45	1					Field Connection Ins.
GBC-46	2					Field Connection Ins.
MN-21	2					Dowel Pin
SB-8	8					Pole Piece Screw
X-755	2					Terminal
<u>Comm. End Plate Assembly & Parts Used With</u>						
DB-17	2					Felt Guard
DD-44	1					End Cap Cover Gasket
DE-79B	1					End Head Bearing Cover
DE-82	2					Felt Washer
DG-1012	2					Brush - Main
DG-1013	1					Brush - Third
(GBB-2019)	1					Comm. End Plate Assy.
DE-85	2					Steel Washer
DK-41	2					Brush Holder Plate Screw
DK-42	2					Spring
GBB-1018	1					3rd Brush Holder Plate Assembly
DJ-18	1					Brush Holder
DJ-19	1					Brush Spring
GBB-1018S	1					Brush Holder Plate Part Assy.
8X-54	1					#8-32x1/2 Rd. Hd. Sc.
X-195	1					#8 Lock Washer
GBB-2073	1					Brush Holder Plate Assy.
DJ-18	2					Brush Holder
DJ-19	2					Brush Spring
GBB-2073S	1					Brush Holder Plate Part Assy.
8X-56	1					#8-32x7/16 Rd. Hd. Sc.
X-195	2					#8 Lock Washer
8X-304	1					#8-32x5/16 Rd. Hd. Sc.
GBC-53	1					Felt Washer
GBC-54	1					Felt Guard
8X-62	3					#10-32x3/8 Flat Hd. Screw
X-196	3					#10 Lock Washer
8X-312	3					#10-32x1/4 Rd. Hd. Screw
X-365	1					Ball Brg. - S.A.E. #303
X-489	1					1/4 Oiler - Press in Type
		1	2	3	4	5

<u>Armature Assembly & Parts Used With</u>						
Part No.	No. Used	Name of Part				
		1	2	3	4	5
DGA-2135	1					Armature Assembly
GAE-1046	1					Oil Thrower
GK-175	1					Armature Shaft Nut
SP-136	1					Fan
X-157	1					1/2-20 Slotted Nut
X-204	1					11/16 Lock Washer
X-260	1					#5 Woodruff Key
X-263	1					#8 Woodruff Key
X-358	1					1/2 Plain Steel Washer
X-404	1					3/32x1 Cotter Pin
<u>Drive End Head Assembly & Parts Used With</u>						
DG-1121	1					Drive End Head Assy.
DG-121	1					Drive End Head
DG-131	1					Flat Brg. Retainer
8X-66	3					#10-32x1/2 Flat Hd. Sc.
X-413	1					Ball Brg. - Shielded - S.A.E. #304
<u>Miscellaneous Parts</u>						
GBC-2039B	1					Head Band Assembly
TC-4306A	1					Two Charge Regulator & Circuit Breaker
8X-118	1					#10-32x3/4 Fill. Hd. Sc.
X-196	4					#10 Lock Washer
8X-321	4					#10-32x5/16 Rd. Hd. Screw
		1	2	3	4	5

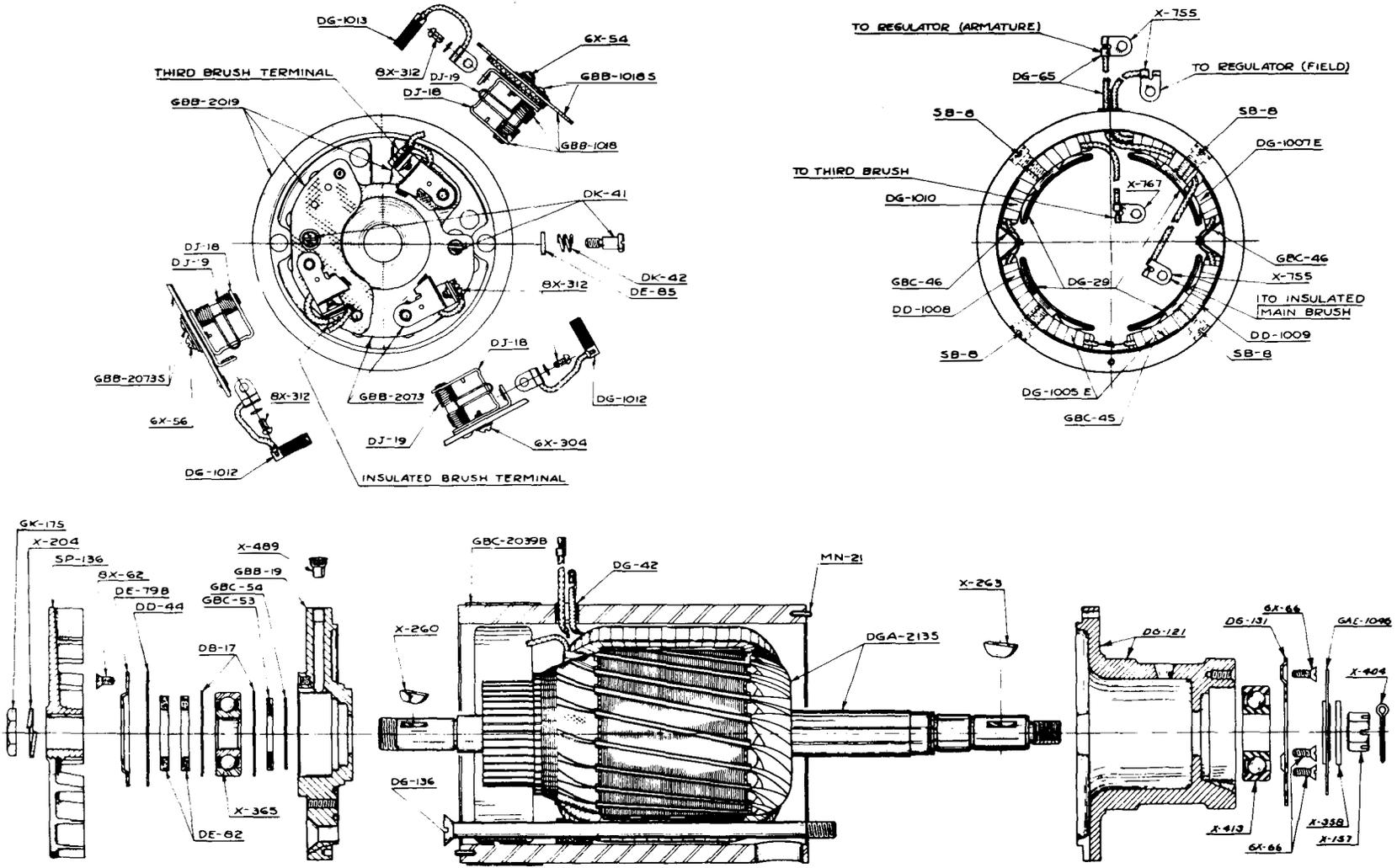
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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

DGA-4601 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAE-4021 GENERATOR PARTS LIST

GAE-4021

Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With				
Part No.	No. Used	Name of Part			Part No.	No. Used	Name of Part		
		1	2	3 4 5			1	2 3 4 5	
GAB-1161	1	C.B. Lead Assy.			GAA-21	1	Cupped Oil Guard		
GAB-161	1	Ins. Bushing			GAA-22	1	Cupped Oil Guard		
X-590	1	Terminal			GAA-67	1	Felt Washer		
X-755	1	Terminal			GAB-137L	1	Oil Guard - Left Hand		
(GAE-3075)	1	Frame & Field Assy.			GAE-3180	1	Armature Assembly		
GAB-29	4	Pole Piece			X-263	1	#8 Woodruff Key		
GAB-44	2	Field Connection Ins.			X-294	1	Ball Brg. - S.A.E. #202		
GAB-65	1	Insulating Bushing			Drive End Head Assembly & Parts Used With				
GAB-66	1	Fuse Locating Plate			GAB-1133R	1	Drive End Head Assy.		
GAB-114	1	Insulating Washer			GAB-133	1	D.E. Head		
GAB-163	1	Insulating Washer			GAE-43	1	Bearing Retainer		
GAE-1005	1	Field Coil Assy. - Comp.			8X-54	3	#8-32x1/2 Rd. Hd. Sc.		
GAE-1007	1	Field Coil Assy.-U.L.			X-489	1	1/4 Oiler - Press in Type		
X-976	1	Terminal			X-1253	1	Ball Brg. - S.A.E. #304		
GAE-1008	1	Field Coil - L.L.			X-1275	3	#8 Skpf. Washer		
GAE-1009	1	Field Coil - L.R.			Dist. Mounting Housing & Parts Used With				
GAE-1010	1	Field Coil Assy.-U.R.			GAB-96	1	Woodruff Key - Special		
X-767	1	Terminal			GAB-179	1	Dist. Hous'g Plate with Tachometer Mounting		
MN-21	1	Dowel Pin			GAB-1093	1	Oiler Plug		
MU-38	1	Field Connection Ins.			GAE-1172	1	Dist. Mounting Hous'g Assy.		
OA-384A	2	Fuse Clip			GAB-84	1	Steel Bearing		
X-81	8	#14-24x5/8 Flat Hd. Screw-Pole Piece			GAB-85	1	Bronze Bearing		
X-171	1	#6-32 Hex. Nut			GAF-68	1	Dist. Gear - Driver		
X-194	1	#6 Lock Washer			MU-115	1	Lock Spring Ring		
8X-302	1	#6-32x1/4 Rd. Hd. Screw			X-194	4	#6 Lock Washer		
8X-363	1	#6 Special Washer			X-196	3	#10 Lock Washer		
8X-1007	1	#6-32x5/8 Rd. Hd. Screw			8X-309	3	#10-32x1/2 Rd. Hd. Screw		
GJ-20	2	Frame Screw			X-487	1	Oiler - Screw in Type		
X-199	2	1/4 Lock Washer			X-491	1	Oiler - 1/4-32 Elbow		
X-842	1	Fuse - 5 Ampere			8X-645	4	#6-32x3/8 Rd. Hd. Screw		
Comm. End Head Assembly & Parts Used With					Miscellaneous Parts				
GAB-100	1	Fuse Cover			CB-4013	1	Circuit Breaker Assy.		
(GAE-3074)	1	Comm. End Head Assy.			CB-123	1	Armature Spring		
GAA-44	3	Brush Screw Block			CB-160	1	C.B. Cover		
GAB-19	2	Brush Spring			PX-55	1	#10-32x3/16 Bdg. Hd. Sc.		
GAB-78	3	Spring Thrust Washer			X-196	2	#10 Lock Washer		
GAB-81	1	3rd Brush Plate Retain'g Plate			8X-312	1	#10-32x1/4 Rd. Hd. Screw		
GAB-82	3	3rd Brush Plate Retain'g Spring			GAB-1024A	1	Head Band Assy.		
GAB-83	3	3rd Brush Plate Retain'g Pin			X-196	2	#10 Lock Washer		
GAB-118	1	Brush Spring - 3rd			8X-321	2	#10-32x5/16 Rd. Hd. Screw		
GAB-119	1	Ground Connector Assy.			X-714	1	#10-32x1 1/2 Rd. Hd. Screw		
X-767	2	Terminal			8X-794	1	#10-32 Square Nut		
GAB-1014	2	Brush Holder					1	2 3 4 5	
GAB-1074	1	Comm. End Head Part Assy.			(Issued 11-12-36)				
GAB-71	2	3/32x13/64 Oval Head Rivet							
GAB-1121A	1	3rd Brush Holder Plate Part Assy.							
GAB-1122	1	Brush Holder							
GAE-12†	2	Brush - Main							
GAE-13†	1	Brush - Third							
X-194	6	#6 Lock Washer							
8X-312	2	#10-32x1/4 Rd. Hd. Screw							
X-401	6	1/16x3/8 Cotter Pin							
X-537	2	#10 Lock Washer							
8X-892	6	#6-32x1/2 Fill. Hd. Screw							
X-196	2	#10 Lock Washer							
8X-312	2	#10-32x1/4 Rd. Hd. Screw							
		1	2	3 4 5					

† Service Brush Set GAE-2012.

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File in
Equipment & Parts Lists Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAE-4020 GENERATOR PARTS LIST

GAE-4020

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
GAB-1161	1	C. B. Lead Assembly					
GAB-161	1	Insulating Bushing					
X-590	1	Terminal					
X-755	1	Terminal					
(GAE-3075)	1	Frame & Field Assembly					
GAB-29	4	Pole Piece					
GAB-44	2	Field Connection Ins.					
GAB-65	1	Insulating Bushing					
GAB-66	1	Fuse Locating Plate					
GAB-114	1	Insulating Washer					
GAB-163	1	Insulating Washer					
GAE-1005	1	FIELD COIL ASSY.- Comp.					
GAE-1007	1	Field Coil Assy.- U.L.					
X-976	1	Terminal					
GAE-1008	1	Field Coil - L.L.					
GAE-1009	1	Field Coil - L.R.					
GAE-1010	1	Field Coil Assy.- U.R.					
X-767	1	Terminal					
MN-21	1	Dowel Pin					
MU-38	1	Field Connection Ins.					
OA-384A	2	Fuse Clip					
X-81	8	#14-24x5/8 Flat Hd. Sc.					
X-171	1	#6-32 Hex. Nut					
X-194	1	#6 Lock Washer					
8X-302	1	#5-32x1/4 Rd. Hd. Screw					
8X-363	1	#6 Special Washer					
8X-1007	1	#6-32x5/8 Rd. Hd. Screw					
GJ-20	2	Frame Screw					
X-199	2	1/4 Lock Washer					
X-842	1	Fuse - 5 Amp.					

Comm. End Plate Assy. & Parts Used With

GAB-100	1	Fuse Cover					
(GAE-2074)	1	Comm. End Plate Assembly					
GAA-44	3	Brush Screw Block					
GAB-19	3	Brush Spring					
GAB-52	1	Ground Connector Assy.					
X-767	2	Terminal					
GAB-78	3	Spring Thrust Washer					
GAB-82	3	3rd Brush Plate Retaining Spring					
GAB-1014	3	Brush Holder					
GAB-1074	1	C.E. Head Part Assembly					
GAB-71	2	3/32x13/64 Oval Hd. Rivet					
GAB-1079	1	3rd Brush Plate Part Assy.					
GAB-1081	1	3rd Br. Plate Retaining Plate					
GAE-121	2	Brush - Main					
GAE-131	1	Brush - Third					
GAE-38	1	Gasket					
X-194	6	#6 Lock Washer					
8X-312	2	#10-32x1/4 Rd. Hd. Screw					
X-401	6	1/16x3/8 Cotter Pin					
X-537	2	#10 Lock Washer					
8X-892	6	#6-32x1/2 Fill. Hd. Sc.					
X-196	2	#10 Lock Washer					
8X-312	2	#10-32x1/4 Rd. Hd. Screw					
		1 2 3 4 5					

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part					
			1	2	3	4	5
GAA-21	1	Cupped Oil Guard					
GAA-22	1	Cupped Oil Guard					
GAA-67	1	Felt Washer					
GAB-137	1	Oil Guard - Right Hand					
GAE-2180	1	ARMATURE ASSEMBLY					
X-263	1	#3 Woodruff Key					
X-1470	1	BALL Brg. - S.A.E. #202					

Drive End Head Assy. & Parts Used With

GAB-1133L	1	Drive End Head Assembly					
GAB-133	1	Drive End Head					
GAB-134	1	Bearing Retainer					
8X-54	3	#8-32x1/2 Rd. Hd. Screw					
X-489	1	1/4 Oiler - Press in Type					
X-1253	1	BALL BRG. - S.A.E. #304					
X-1275	3	#3 Skpf. Washer					

Dist. Mounting Housing & Parts Used With

GAB-96	1	Woodruff Key - Special					
GAB-179	1	Dist. Housing Plate with Tachometer Mounting					
GAB-1093	1	Oiler Plug					
GAE-39	1	Gasket					
GAE-1086	1	Dist. Mounting Housing Assy.					
GAB-84	1	Steel Bearing					
GAE-40	1	Absorbent Bronze Brg.					
MN-21	1	Dowel Pin					
GAF-68	1	Dist. Gear - Driver					
MU-115	1	Lock Spring Ring					
X-194	4	#6 Lock Washer					
X-196	3	#10 Lock Washer					
8X-309	3	#10-32x1/2 Rd. Hd. Screw					
X-487	1	Oiler - Screw In Type					
X-491	1	Oiler - 1/4-32 Elbow					
8X-645	4	#6-32x3/8 Rd. Hd. Screw					

Miscellaneous Parts

CB-4013	1	CIRCUIT BREAKER ASSEMBLY					
CB-123	1	Armature Spring					
CB-160S	1	C. B. Cover					
PX-55	1	#10-32x3/16 Bdg. Hd. Sc.					
X-196	2	#10 Lock Washer					
8X-312	1	#10-32x1/4 Rd. Hd. Screw					
GAB-1024A	1	Head Band Assembly					
X-196	2	#10 Lock Washer					
8X-321	2	#10-32x5/16 Rd. Hd. Screw					
X-714	1	#10-32x1 1/2 Rd. Hd. Screw					
8X-794	1	#10-32 Square Nut					
		1 2 3 4 5					

(Issued 7-31-40)

† SERVICE BRUSH SET GAE-2012.

UNIT	APPLICATION
GAE-4020	Universal

Printed in U. S. A.

File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAE-4022 GENERATOR PARTS LIST

GAE-4022

Frame & Field Assembly & Parts Used With					Comm. End Head Assembly (Continued)									
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
GAB-100	1	Cover, Fuse					GAE-12†	2	Brush, Main					
GAB-1161	1	Lead Assy., C.B.					GAE-13†	1	Brush, Third					
GAB-161	1	Bushing, Insulating					8X-55	2	Screw, Rd. hd., #8-32x3/8					
X-590	1	Terminal					X-194	6	Washer, Lock, #6					
X-755	1	Terminal					8X-361	3	Washer, Plain, 1/4					
(GAE-3075)	1	Frame & Field Assy.					X-537	2	Washer, Lock, #10					
GAB-44	2	Insulation, Field Connection					8X-892	6	Screw, Fil. hd., #6-32x1/2					
GAB-65	1	Bushing, Ins., Field Fuse					8X-1004	2	Screw, Rd. hd., #10-32x3/16					
		Mtg. Screw					GR-32	1	Retainer, Felt Washer					
GAB-66	1	Plate, Fuse Locating					GT-76	1	Retainer, Felt Washer					
GAB-114	1	Washer, Insulating					GY-34	1	Cover, Comm. End					
GAB-163	1	Washer, Insulating					GY-38	2	Gasket, C.E. Cover					
GAE-1005	1	Coil Assy., Field, Comp.					X-196	5	Washer, Lock, #10					
GAE-1007	1	Coil Assy., Field, Upper Left					X-199	1	Washer, Lock, Brg. Retaining Screw, 1/4					
X-976	1	Terminal					X-295	1	Bearing, Ball, S.A.E. #203					
GAE-1008	1	Coil, Field, Lower Left					8X-312	2	Screw, Rd. hd., #10-32x1/4					
GAE-1009	1	Coil, Field, Lower Right					8X-870	3	Screw, Cover Holding, Fil. hd., #10-32x5/16					
GAE-1010	1	Coil Assy., Field, U.R.												
X-767	1	Terminal												
MN-21	1	Pin, Dowel												
MU-38	1	Insulation, Field Connection												
OA-384A	2	Clip, Fuse												
X-81	8	Screw, Pole Shoe												
X-171	1	Nut, Hex., #6-32												
X-194	1	Washer, Lock, #6												
8X-302	1	Screw, Rd. hd., #6-32x1/4												
8X-363	1	Washer, Special, #6												
8X-1007	1	Screw, Rd. hd., #6-32x5/8												
GJ-20	2	Bolt, Thru												
X-199	2	Washer, Lock, Thru Bolt, 1/4												
X-842	1	Fuse, 5 Amps.												
Comm. End Head Assembly & Parts Used With														
DA-22	1	Washer, Plain, Brg. Retaining, Comm. End					GAE-2187	1	Armature Assy.					
DA-60	1	Screw, Retaining, C.E. Brg., Hex. hd., 1/4-28x5/8					GK-64	1	Snap Ring					
GAB-188	1	Washer, Felt					GK-174A	1	Washer, Plain, 1/2					
(GAE-2174)	1	Head Assy., Comm. End					X-156	1	Nut, Armature Shaft, Hex., Castellated, 1/2-20					
GAA-44	3	Block, Brush Screw					X-263	1	Key, Woodruff, #8					
GAA-45	3	Ring, Lock Spring					X-404	1	Pin, Cotter, 3/32x1					
GAB-19	3	Spring, Brush												
GAB-51	2	Spring, 3rd Brush Plate Retaining												
GAB-52	1	Connector Assy., Ground												
X-767	2	Terminal												
GAB-176	1	Ring, Spacing												
GAB-1014	3	Holder, Brush												
GAB-1048	1	Plate, 3rd Brush Holder												
GAB-1174A	1	Head Assy., Partial, Comm. End												
GAB-71	2	Rivet, Oval hd., 3/32x13/64												
X-489	1	Oiler, Hinge Top, Press in, 1/4												
Armature Assembly & Parts Used With														
Drive End Head Assembly & Parts Used With														
GAB-136	1	Shield, Dust					GAB-133A	1	Head					
GAB-1133LA	1	Head Assy., Drive End					GAB-134	1	Retainer, Bearing					
GAB-133A	1	Head					8X-54	3	Screw, Rd. hd., #8-32x1/2					
GAB-134	1	Retainer, Bearing					X-489	1	Oiler, Press in Type, 1/4					
8X-54	3	Screw, Rd. hd., #8-32x1/2					X-1253	1	Bearing, Ball, S.A.E. #304					
X-489	1	Oiler, Press in Type, 1/4					X-1275	3	Washer, Skpf., #8					
X-1253	1	Bearing, Ball, S.A.E. #304					GAE-42	1	Oil Guard					
X-1275	3	Washer, Skpf., #8												
GAE-42	1	Oil Guard												
Miscellaneous Parts														
CB-4013	1	Relay Assy., Cutout					GX-1024G	1	Band, Head					
GX-1024G	1	Band, Head					X-196	2	Washer, Lock, #10					
X-196	2	Washer, Lock, #10					8X-321	2	Screw, Mtg., Cutout Relay, Rd. hd., #10-32x5/16					
8X-321	2	Screw, Mtg., Cutout Relay, Rd. hd., #10-32x5/16					X-714	1	Screw, Cover Band, Rd. hd., #10-32x1 1/2					
X-714	1	Screw, Cover Band, Rd. hd., #10-32x1 1/2					8X-794	1	Nut, Cover Band, Square, #10-32					
8X-794	1	Nut, Cover Band, Square, #10-32												
1 2 3 4 5														

(Issued 3-8-44)

† Brush Set, Service, GAE-2012.

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAE-4026 GENERATOR PARTS LIST

GAE-4026

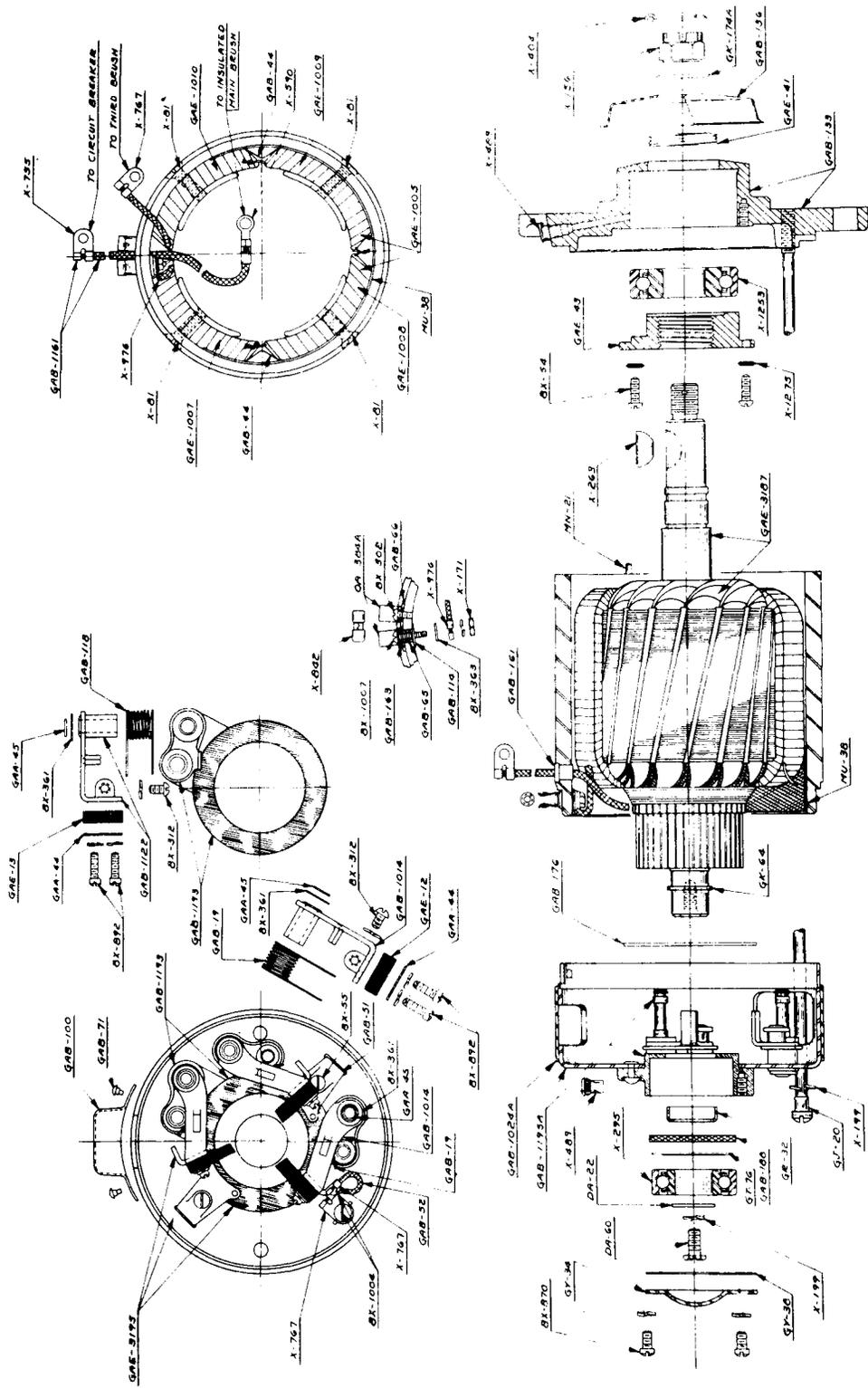
Frame & Field Assembly & Parts Used With					Comm. End Head Assembly (Continued)				
Part No.	No. Used	Name of Part			Part No.	No. Used	Name of Part		
		1	2	3 4 5			1	2 3 4 5	
GAB-100	1	Cover, Fuse			8X-361	3	Washer, Plain, 1/4		
GAB-1161	1	Lead Assy., C.B.			X-537	2	Washer, Lock, #10		
GAB-161	1	Bushing, Insulating			8X-892	6	Screw, Fil. hd., #6-32x1/2		
X-590	1	Terminal			8X-1004	2	Screw, Rd. hd., #10-32x3/16		
X-755	1	Terminal			GR-32	1	Retainer, Felt Washer		
(GAE-3075)	1	Frame & Field Assy.			GT-76	1	Retainer, Felt Washer		
GAB-44	2	Insulation, Field Connection			GY-34	1	Cover, Comm. End		
GAB-65	1	Bushing, Ins., Field Fuse, Mtg. Screw			GY-38	2	Gasket, C.E. Cover		
GAB-66	1	Plate, Fuse Locating			X-196	5	Washer, Lock, #10		
GAB-114	1	Washer, Insulating			X-199	1	Washer, Lock, Brg. Retaining Screw, 1/4		
GAB-163	1	Washer, Insulating			X-295	1	Bearing, Ball, S.A.E. #203		
GAE-1005	1	Coil Assy., Field, Comp.			8X-312	2	Screw, Rd. hd., #10-32x1/4		
GAE-1007	1	Coil Assy., Field, U.L.			8X-870	3	Screw, Cover Holding, Fil. hd., #10-32x5/16		
X-976	1	Terminal			<u>Armature Assembly & Parts Used With</u>				
GAE-1008	1	Coil, Field, L.L.			GAE-3187	1	Armature Assy.		
GAE-1009	1	Coil, Field, L.R.			GK-64	1	Snap Ring		
GAE-1010	1	Coil Assy., Field, U.R.			GK-174A	1	Washer, Plain, 1/2		
X-767	1	Terminal			X-156	1	Nut, Armature Shaft, Hex., Castellated, 1/2-20		
MN-21	1	Pin, Dowel			X-263	1	Key, Woodruff, #8		
MU-38	1	Insulation, Field Connection			X-404	1	Pin, Cotter, 3/32x1		
OA-384A	2	Clip, Fuse			<u>Drive End Head Assembly & Parts Used With</u>				
X-81	8	Screw, Pole Shoe			GAB-136	1	Shield, Dust		
X-171	1	Nut, Hex., #6-32			GAB-1133R	1	Head Assy., Drive End		
X-194	1	Washer, Lock, #6			GAB-133	1	Head		
8X-302	1	Screw, Rd. hd., #6-32x1/4			GAE-43	1	Retainer, Bearing		
8X-363	1	Washer, Special, #6			8X-54	3	Screw, Rd. hd., #8-32x1/2		
8X-1007	1	Screw, Rd. hd., #6-32x5/8			X-489	1	Oiler, Press in Type, 1/4		
GJ-20	2	Bolt, Thru			X-1253	1	Bearing, Ball, S.A.E. #304		
X-199	2	Washer, Lock, Thru Bolt, 1/4			X-1275	3	Washer, Skpf., #8		
X-842	1	Fuse, 5 Amps.			GAE-41	1	Oil Guard, L.H.		
<u>Comm. End Head Assembly & Parts Used With</u>					<u>Miscellaneous Parts</u>				
DA-22	1	Washer, Plain, Brg. Retaining, Comm. End			CB-4013	1	Relay Assy., Cutout		
DA-60	1	Screw, Retaining, C.E. Brg., Hex. hd., 1/4-28x5/8			CB-123	1	Spring, Armature		
GAB-188	1	Washer, Felt			CB-160S	1	Cover		
(GAE-3195)	1	Head Assy., Comm. End			PX-55	1	Screw, Arm. Term., Bdg. hd., #10-32x3/16		
GAA-44	3	Block, Brush Screw			X-196	2	Washer, Lock, Term. Sc., #10		
GAA-45	3	Ring, Lock Spring			8X-312	1	Screw, Bat. Term., Rd. hd., #10-32x1/4		
GAB-19	2	Spring, Brush			GAB-1024A	1	Band, Cover		
GAB-51	2	Spring, 3rd Brush Plate Retaining			X-196	2	Washer, Lock, #10		
GAB-52	1	Connector Assy., Ground			8X-321	2	Screw, Mtg., Cutout Relay, Rd. hd., #10-32x5/16		
X-767	2	Terminal			X-714	1	Screw, Cover Band, Rd. hd., #10-32x1 1/2		
GAB-118	1	Spring, 3rd Brush			8X-794	1	Nut, Cover Band, Square, #10-32		
GAB-176	1	Ring, Spacing					1	2 3 4 5	
GAB-1014	2	Holder, Brush			(Issued 3-9-44)				
GAB-1122	1	Holder, Brush			‡ Brush Set, Service, GAE-2012.				
GAB-1193	1	Plate, 3rd Brush Holder							
GAB-1195A	1	Head							
GAE-12‡	2	Brush, Main							
GAE-13‡	1	Brush, Third							
8X-55	2	Screw, Rd. hd., #8-32x3/8							
X-194	6	Washer, Lock, #6							
		1	2	3 4 5					

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

GAE-4026 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAE-4027 GENERATOR PARTS LIST

GAE-4027

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GAB-1161	1	C. B. Lead Assembly				
GAB-161	1	Insulating Bushing				
X-590	1	End Terminal				
X-755	1	Side Terminal				
(GAE-3075)	1	Frame & Field Assembly				
GAB-29	4	Pole Piece				
GAB-44	2	Field Connection Ins.				
GAB-65	1	Insulating Bushing				
GAB-66	1	Fuse Locating Plate				
GAB-114	1	Insulating Washer				
GAB-163	1	Insulating Washer				
GAE-1005	1	FIELD COIL ASSY.- COMP.				
GAE-1007	1	Field Coil Assy.- U.L.				
X-976	1	Terminal				
GAE-1008	1	Field Coil - L.L.				
GAE-1009	1	Field Coil - L.R.				
GAE-1010	1	Field Coil Assy.- U.R.				
X-767	1	Terminal				
MV-21	1	Dowel Pin				
MU-38	1	Field Connection Ins.				
OA-384A	2	Fuse Clip				
X-81	8	#14-24x5/8 Flat Hd. Sc.				
X-171	1	#6-32 Hex. Nut				
X-194	1	#6 Lock Washer				
8X-302	1	#6-32x1/4 Rd. Hd. Screw				
8X-363	1	#6 Special Washer				
8X-1007	1	#6-32x5/8 Rd. Hd. Screw				
GJ-20	2	Frame Screw				
X-199	2	1/4 Lock Washer				

Comm. End Head Assy. & Parts Used With

DA-22	1	Bearing Retaining Washer				
DA-60	1	Bearing Retaining Screw				
GAB-100	1	Fuse Cover				
(GAE-2174)	1	Comm. End Head Assembly				
GAA-44	3	Brush Screw Block				
GAA-45	3	Lock Spring Ring				
GAB-19	3	Brush Spring				
CAB-51	2	3rd Brush Plate Retaining Spring				
GAB-52	1	Ground Connector Assy.				
X-767	2	Terminal				
GAB-176	1	Spacing Ring				
GAB-1014	3	Brush Holder				
GAB-1048	1	3rd Brush Holder Plate				
GAB-1174A	1	C. E. Head Part Assy.				
GAB-71	2	3/32x13/64 Oval Hd. Rivet				
X-489	1	1/4 Oiler - Press in Type				
GAE-121	2	Brush - Main				
GAE-131	1	Brush - Third				
8X-55	2	#8-32x3/8 Rd. Hd. Screw				
X-194	6	#6 Lock Washer				
8X-361	3	1/4 Plain Washer				
		1	2	3	4	5

Comm. End Head Assembly (Continued)

Part No.	No. Used	Name of Part				
		1	2	3	4	5
X-537	2	#10 Lock Washer				
8X-892	6	#6-32x1/2 Fill. Hd. Screw				
8X-1004	2	#10-32x3/16 Rd. Hd. Screw				
GR-32	1	Felt Washer Retainer				
GR-73	1	Felt Washer				
GT-76	1	Felt Washer Retainer				
GY-34	1	Commutator End Cap Cover				
GY-38	2	End Cap Cover Gasket				
X-196	5	#10 Lock Washer				
X-199	1	1/4 Lock Washer				
X-295	1	BALL BEARING - S.A.E. #203				
8X-312	2	#10-32x1/4 Rd. Hd. Screw				
X-842	1	Fuse - 5 Amp.				
8X-870	3	#10-32x5/16 Fill. Hd. Screw				

Armature Assembly & Parts Used With

GAE-2187	1	ARMATURE ASSEMBLY				
GK-64	1	Snap Ring				
GK-174A	1	1/2 Plain Washer				
X-156	1	1/2-20 Castellated Nut				
X-263	1	#8 Woodruff Key				
X-404	1	3/32x1 Cotter Pin				

Drive End Head Assy. & Parts Used With

GAB-136	1	Cupped Dust Shield				
GAB-1133L	1	Drive End Head Assy.				
GAB-133	1	D. E. Head				
GAB-134	1	Bearing Retainer				
8X-54	3	#8-32x1/2 Rd. Hd. Screw				
X-489	1	1/4 Oiler - Press in Type				
X-1253	1	BALL BRG. - S.A.E. #304				
X-1275	3	#8 Skpf. Washer				
GAE-42	1	Oil Guard - Right Hand				

Miscellaneous Parts

CB-4013	1	CIRCUIT BREAKER ASSEMBLY				
CB-123	1	Armature Spring				
CB-160S	1	C. B. Cover				
PX-55	1	#10-32x3/16 Bdg. Hd. Sc.				
X-196	2	#10 Lock Washer				
8X-312	1	#10-32x1/4 Rd. Hd. Screw				
GAB-1024A	1	Head Band Assembly				
X-196	2	#10 Lock Washer				
8X-321	2	#10-32x5/16 Rd. Hd. Screw				
X-714	1	#10-32x1 1/2 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 8-21-39)

† Service BRUSH SET GAE-2012.

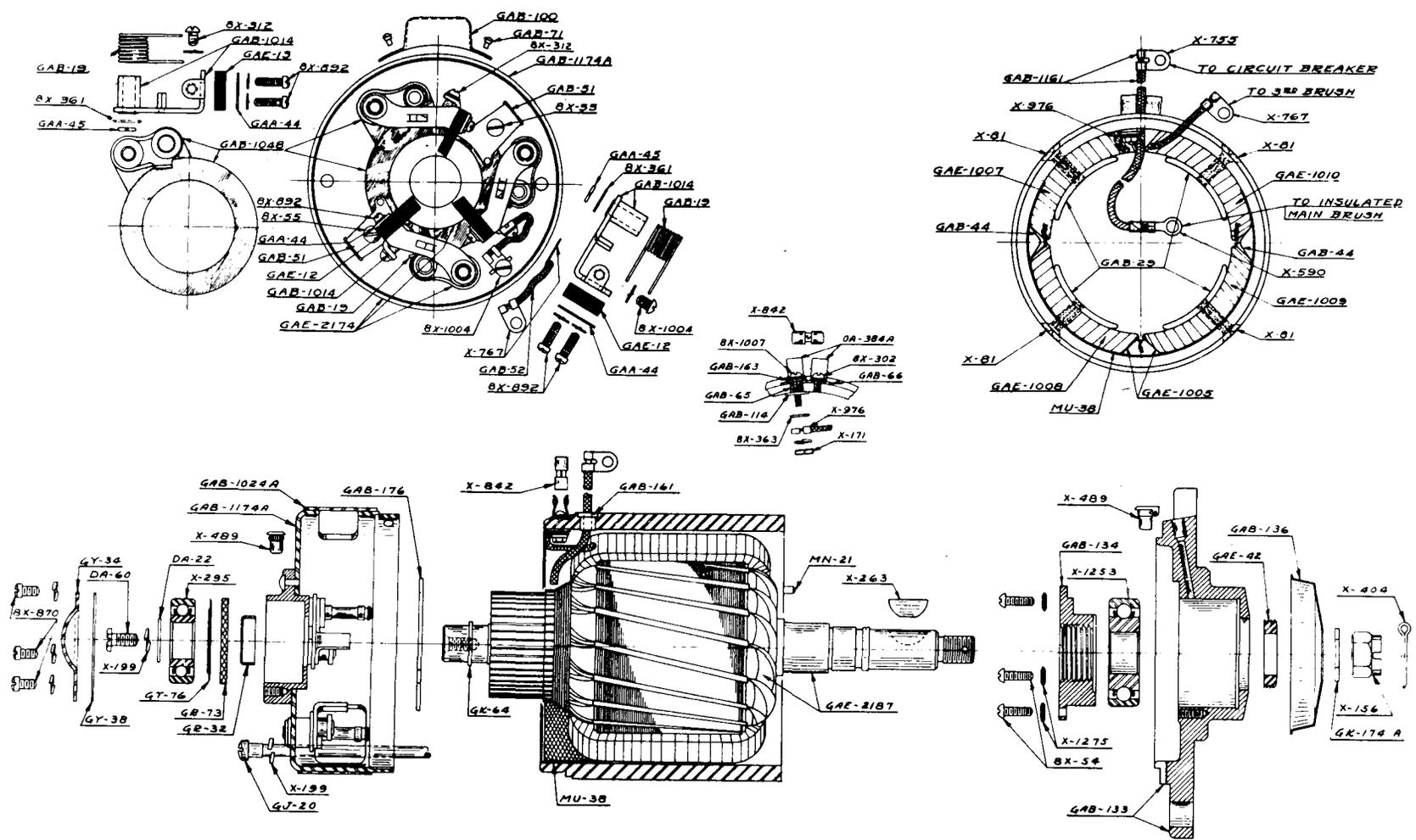
UNIT	APPLICATION
GAE-4027	Hill-Diesel

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File in
Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

GAE-4027 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAE-4031 GENERATOR PARTS LIST

GAE-4031

Frame & Field Assembly & Parts Used With					Comm. End Head Assembly (Continued)									
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
GAB-1161	1	C.B. Lead Assy.					GR-73	1	Felt Washer					
GAB-161	1	Ins. Bushing					GT-76	1	Felt Washer Retainer					
X-590	1	Terminal					GY-34	1	Comm. End Cap Cover					
X-755	1	Terminal					GY-38	1	End Cap Cover Gasket					
(GAE-3075)	1	Frame & Field Assy.					X-196	5	#10 Lock Washer					
GAB-29	4	Pole Piece					X-199	1	1/4 Lock Washer					
GAB-44	2	Field Connection Ins.					X-295	1	Ball Brg. - S.A.E. #203					
GAB-65	1	Ins. Bushing					8X-312	2	#10-32x1/4 Rd. Hd. Screw					
GAB-66	1	Fuse Locating Plate					8X-870	3	#10-32x5/16 Fill. Hd. Sc.					
GAB-114	1	Ins. Washer					<u>Armature Assembly & Parts Used With</u>							
GAB-163	1	Ins. Washer					GAE-1046	1	Oil Thrower					
GAE-1005	1	Field Coil Assy. - Comp.					GAE-2045	1	Armature Assembly					
GAE-1007	1	Field Coil Assy. - U.L.					GK-174A	1	1/2 Plain Washer					
X-976	1	Terminal					X-156	1	1/2-20 Castellated Nut					
GAE-1008	1	Field Coil - L.L.					X-263	1	#8 Woodruff Key					
GAE-1009	1	Field Coil - L.R.					X-408	1	1/16x1 Cotter Pin					
GAE-1010	1	Field Coil Assy. - U.R.					<u>Drive End Head Assembly & Parts Used With</u>							
X-767	1	Terminal					GAE-1044	1	Drive End Head Assy.					
MN-21	1	Dowel Pin					GAE-44	1	Drive End Head					
MU-38	1	Field Connection Ins.					GAE-47	1	Bearing Retainer					
OA-384A	2	Fuse Clip					8X-66	3	#10-32x1/2 Flat Hd. Sc.					
X-81	8	#14-24x5/8 Flat Hd. Screw					X-378	1	Ball Bearing - Oil Seal					
X-171	1	#6-32 Hex. Nut					<u>Miscellaneous Parts</u>							
X-194	1	#6 Lock Washer					CB-4013	1	Circuit Breaker Assy.					
8X-302	1	#6-32x1/4 Rd. Hd. Screw					CB-123	1	Armature Spring					
8X-363	1	#6 Special Washer					CB-160	1	C.B. Cover					
8X-1007	1	#6-32x5/8 Rd. Hd. Screw					PX-55	1	#10-32x3/16 Bdg. Hd. Sc.					
GJ-20	2	Frame Screw					X-196	2	#10 Lock Washer					
X-199	2	1/4 Lock Washer					8X-312	1	#10-32x1/4 Rd. Hd. Screw					
X-842	1	Fuse - 5 Ampere					GAB-1024	1	Head Band Assembly					
<u>Comm. End Head Assembly & Parts Used With</u>						X-196	2	#10 Lock Washer						
DA-22	1	Bearing Retaining Washer					8X-321	2	#10-32x5/16 Rd. Hd. Screw					
DA-60	1	Bearing Retaining Screw					X-714	1	#10-32x1 1/2 Rd. Hd. Screw					
GAB-100	1	Fuse Cover					8X-794	1	#10-32 Square Nut					
(GAE-2174)	1	Comm. End Head Assy.							1	2	3	4	5	
GAA-44	3	Brush Screw Block					(Issued 5-4-36)							
GAA-45	3	Lock Spring Ring												
GAB-19	3	Brush Spring												
GAB-51	2	3rd Brush Plate Retain'g Spring												
GAB-52	1	Ground Connector Assy.												
X-767	2	Terminal												
GAB-176	1	Spacing Ring												
GAB-1014	3	Brush Holder												
GAB-1048	1	3rd Brush Holder Plate												
GAB-1174A	1	Comm. End Head Part Assy.												
GAB-71	2	3/32x13/64 Oval Hd. Rivet												
X-489	1	1/4 Oiler - Press in Type												
GAE-12	2	Brush - Main												
GAE-13	1	Brush - Third												
8X-55	2	#8-32x3/8 Rd. Hd. Screw												
X-194	6	#6 Lock Washer												
8X-361	3	1/4 Plain Washer												
X-537	2	#10 Lock Washer												
8X-892	6	#6-32x1/2 Fill. Hd. Screw												
8X-1004	2	#10-32x3/16 Rd. Hd. Screw												
GR-32	1	Felt Washer Retainer												
		1	2	3	4	5								

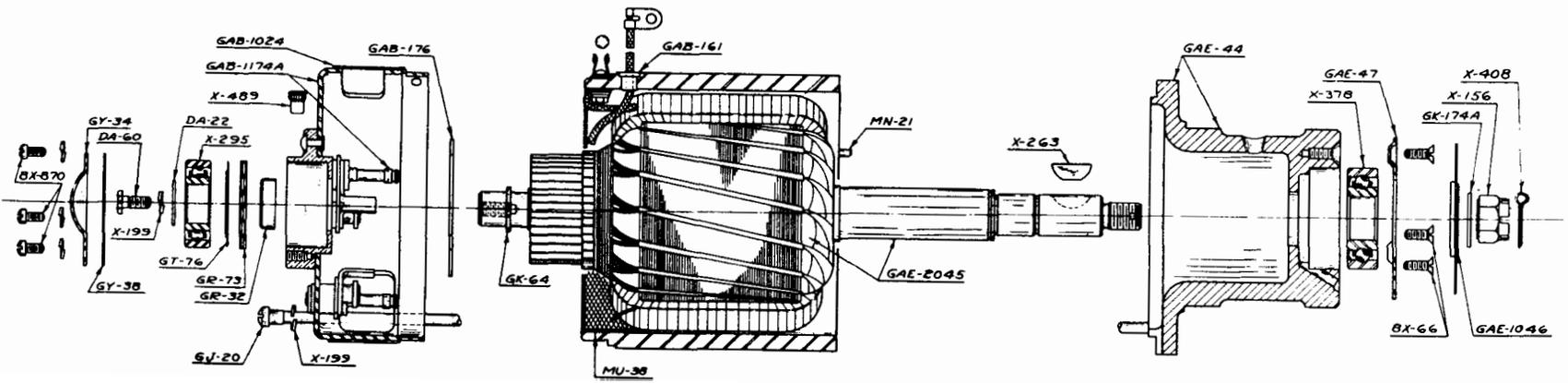
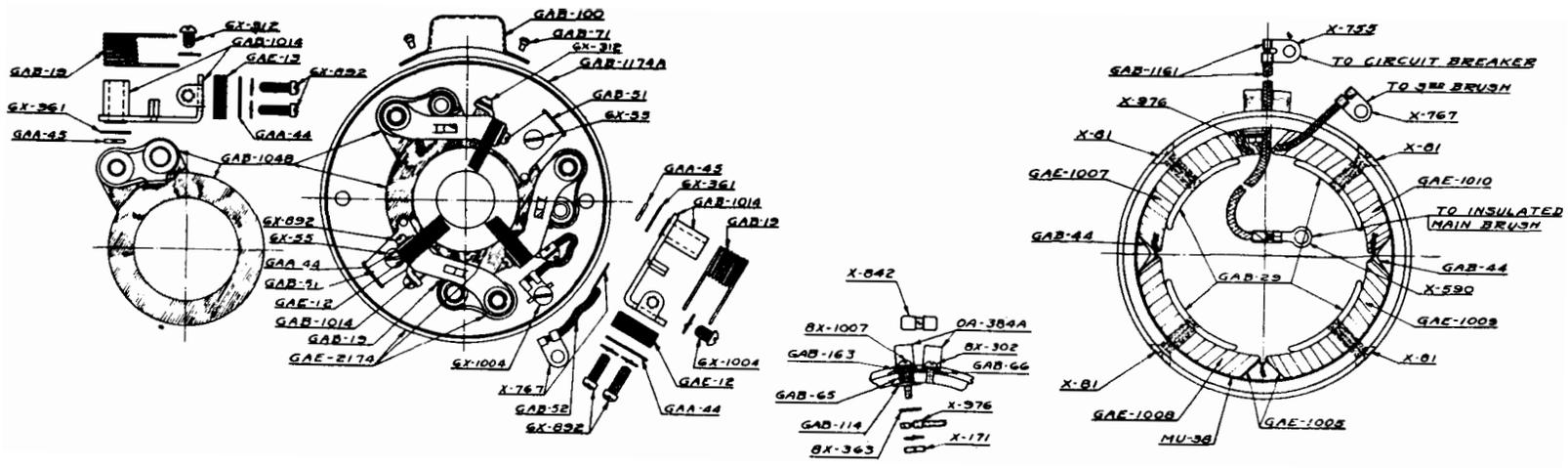
NOTE:- Use GAE-2012 brush set in servicing this unit.

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File in
Equipment & Parts Lists Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

GAE-4031 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAE-4037 GENERATOR PARTS LIST

GAE-4037

Frame & Field Assembly & Parts Used With					Comm. End Head Assembly (Continued)				
Part No.	No. Used	Name of Part			Part No.	No. Used	Name of Part		
		1	2	3	4	5			
GAB-125S	1	Bracket, Mounting			X-196	5	Washer, Lock, #10		
(GAE-2201)	1	Frame & Field Assy.			X-295	1	Bearing, Ball, S.A.E. #203		
GAB-44	2	Insulation, Field Connection			8X-312	2	Screw, Rd. hd., #10-32x1/4		
GAE-1005B	1	Coil Assy., Field, Comp.			8X-870	3	Screw, Fill. hd., #10-32x5/16		
GAE-1007B	1	Coil Assy., Field, U.L.			Armature Assembly & Parts Used With				
X-767	1	Terminal			GAB-129	1	Spacer, Armature Shaft		
GAE-1008	1	Coil, Field, L.L.			GAB-130	1	Ring, Spring, Lock		
GAE-1009	1	Coil, Field, L.R.			GAE-2190	1	Armature Assy.		
GAE-1010A	1	Coil Assy., Field, U.R.			GK-64	1	Snap Ring		
GAL-338	1	Lead Assy.			X-160	1	Nut, Armature Shaft, Hex., 7/16-20		
X-755	2	Terminal			X-205	1	Washer, Lock, Arm. Shaft, 7/16		
X-767	1	Terminal			X-261	1	Key, Woodruff, #6		
GAR-211	1	Bushing, Insulating			Drive End Head Assembly & Parts Used With				
MN-21	1	Pin, Dowel			GAB-1124	1	Head Assy., Drive End		
MU-38	1	Insulation, Field Connection			GAB-124	1	Head		
X-81	8	Screw, Pole Shoe			GAB-126	1	Retainer, Bearing		
GJ-20	2	Bolt, Thru			GAB-127	1	Retainer, Felt Washer		
X-113	2	Screw, Mounting Bracket, Hex. hd., 5/16-24x5/8			GAB-128	1	Washer, Felt		
X-199	2	Washer, Lock, 1/4			X-196	4	Washer, Lock, Retainer Screw, #10		
X-1014	2	Washer, Lock, Mtg. Bracket Screw, 5/16			X-298	1	Bearing, Ball, S.A.E. #204		
Comm. End Head Assembly & Parts Used With					8X-311	4	Screw, Retainer, Rd. hd., #10-32x3/8		
DA-22	1	Washer, Plain, Brg. Retaining, Comm. End			X-489	1	Oiler, Press in, 1/4		
DA-60	1	Screw, Retaining, C.E. Brg., Hex. hd., 1/4-28x5/8			Miscellaneous Parts				
GAB-188	1	Washer, Felt			GAB-1024A	1	Band, Cover		
(GAE-2191)	1	Comm. End Head Assy.			TC-4303B	1	Regulator		
GAA-44	3	Block, Brush Screw			X-196	4	Washer, Lock, Regulator Mtg., #10		
GAA-45	3	Ring, Lock Spring			8X-321	4	Screw, Mtg., Regulator, Rd. hd., #10-32x5/16		
GAB-19	3	Spring, Brush			X-714	1	Screw, Cover Band, Rd. hd., #10-32x1 1/2		
GAB-51	2	Spring, 3rd Brush Plate Retaining			8X-794	1	Nut, Cover Band, Square, #10-32		
GAB-52	1	Connector Assy., Ground			1 2 3 4 5				
X-767	2	Terminal			(Issued 3-9-44)				
GAB-176	1	Spacing Ring							
GAB-1014	3	Holder, Brush							
GAB-1048	1	Plate, 3rd Brush Holder							
GAB-1191A	1	Head Assy., Partial, Comm. End							
X-489	1	Oiler, Hinge Top, Press in, 1/4							
GAE-12†	2	Brush, Main							
GAE-13†	1	Brush, Third							
8X-55	2	Screw, Rd. hd., #8-32x3/8							
X-194	6	Washer, Lock, #6							
8X-361	3	Washer, Plain, 1/4							
X-537	2	Washer, Lock, #10							
8X-892	6	Screw, Fil. hd., #6-32x1/2							
8X-1004	2	Screw, Rd. hd., #10-32x3/16							
GR-32	1	Retainer, Felt Washer							
GT-76	1	Retainer, Felt Washer							
GY-34	1	Cover, Comm. End							
GY-38	2	Gasket, C.E. Cover							
		1	2	3	4	5			

† Brush Set, Service, GAE-2012.

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Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAE-4040,A GENERATOR PARTS LIST

GAE-4040,A

Frame & Field Assembly & Parts Used With					Comm. End Head Assembly (Continued)									
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
GAB-125S	1	Bracket, Mounting					X-295	1	Bearing, Ball, S.A.E. #203					
(GAE-2206)	1	Frame & Field Assy.					8X-312	2	Screw, Attaching, Brush Lead, Rd. hd., #10-32x1/4					
GAB-44	2	Insulation, Field Connection					8X-870	3	Screw, Cover Holding, Fil. hd., #10-32x5/16					
GAE-1005B	1	Coil Assy., Field, Comp.					<u>Armature Assembly & Parts Used With</u>							
GAE-1007B	1	Coil Assy., Field, U.L.					GAB-129	1	Spacer, Armature Shaft					
X-767	1	Terminal					GAB-130	1	Ring, Spring, Lock					
GAE-1008	1	Coil, Field, L.L.					GAE-2190	1	Armature Assy.					
GAE-1009	1	Coil, Field, L.R.					GK-64	1	Snap Ring					
GAE-1010A	1	Coil Assy., Field, U.R.					X-160	1	Nut, Armature Shaft, Hex., 7/16-20					
GAL-338	1	Lead Assy.					X-205	1	Washer, Lock, Armature Shaft, 7/16					
X-755	2	Terminal					X-261	1	Key, Woodruff, #6					
X-767	1	Terminal					<u>Drive End Head Assembly & Parts Used With</u>							
GAR-211	1	Bushing, Insulating					GAB-1124	1	Head Assy., Drive End					
MN-21	1	Pin, Dowel					GAB-124	1	Head					
MU-38	1	Insulation, Field Connection					GAB-126	1	Retainer, Bearing					
X-81	8	Screw, Pole Shoe					GAB-127	1	Retainer, Felt Washer					
GJ-20	2	Bolt, Thru					GAB-128	1	Washer, Felt					
X-113	2	Screw, Mounting Bracket, Hex. hd., 5/16-24x5/8					X-196	4	Washer, Lock, Retainer Screw, #10					
X-199	2	Washer, Lock, Thru Bolt, 1/4					X-298	1	Bearing, Ball, S.A.E. #204					
X-1014	2	Washer, Lock, Mtg. Bracket Screw, 5/16					8X-311	4	Screw, Retainer, Rd. hd., #10-32x3/8					
<u>Comm. End Head Assembly & Parts Used With</u>									X-489	1	Oiler, Press in, 1/4			
DA-22	1	Washer, Plain, Brg. Retaining, Comm. End					<u>Miscellaneous Parts</u>							
DA-60	1	Screw, Retaining, C.E. Brg., Hex. hd., 1/4-28x5/8					GAB-1024A	1	Band, Cover					
GAB-188	1	Washer, Felt					*	1	Regulator					
(GAE-2191)	1	Comm. End Head Assy.					X-196	4	Washer, Lock, Regulator Mtg., #10					
GAA-44	3	Block, Brush Screw					8X-321	4	Screw, Mtg., Regulator, Rd. hd., #10-32x5/16					
GAA-45	3	Ring, Lock Spring					8X-714	1	Screw, Cover Band, Rd. hd., #10-32x1 1/2					
GAB-19	3	Spring, Brush					8X-794	1	Nut, Cover Band, Square, #10-32					
GAB-51	2	Spring, 3rd Brush Plate Retaining							1	2	3	4	5	
GAB-52	1	Connector Assy., Ground					(Issued 3-9-44)							
X-767	2	Terminal					Assembly No.	Regulator						
GAB-176	1	Spacing Ring					GAE-4040	TC-4303B						
GAB-1014	3	Holder, Brush					GAE-4040A	TC-4303D						
GAB-1048	1	Plate, 3rd Brush Holder					‡ Brush Set, Service, GAE-2012.							
GAB-1191A	1	Head Assy., Partial, Comm. End					* See table following parts list for part number applying to assembly wanted.							
X-489	1	Oiler, Hinge Top, Press in, 1/4												
GAE-12‡	2	Brush, Main												
GAE-13‡	1	Brush, Third												
8X-55	2	Screw, Rd. hd., #8-32x3/8												
X-194	6	Washer, Lock, #6												
8X-361	3	Washer, Plain, 1/4												
X-537	2	Washer, Lock, #10												
8X-892	6	Screw, Fil. hd., #6-32x1/2												
8X-1004	2	Screw, Rd. hd., #10-32x3/16												
GR-32	1	Retainer, Felt Washer												
GT-76	1	Retainer, Felt Washer												
GY-34	1	Cover, Comm. End												
GY-38	2	Gasket, C.E. Cover												
X-196	5	Washer, Lock, #10												

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAE-4041 GENERATOR PARTS LIST

GAE-4041

Frame & Field Assy. & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(GAE-2203)	1	Frame & Field Assembly				
GAB-29	4	Pole Piece				
GAB-44	2	Field Connection Ins.				
GAE-1005B	1	FIELD COIL ASSY.- COMP.				
GAE-1007B	1	Field Coil Assy.- U.L.				
X-767	1	Terminal				
GAE-1008	1	Field Coil - L.L.				
GAE-1009.	1	Field Coil - L.R.				
GAE-1010A	1	Field Coil Assy.- U.R.				
GAL-338	1	C.B. Lead Assy.				
X-755	2	Terminal				
X-767	1	Terminal				
GAR-211	1	Insulating Bushing				
MN-21	1	Dowel Pin				
MU-38	1	Field Connection Ins.				
X-81	8	#14-24x5/8 Flat Hd. Pole Piece Screw				
GJ-20	2	Frame Screw				
X-199	2	1/4 Lock Washer				

Comm. End Head Assy. & Parts Used With

DA-22	1	Bearing Retaining Washer				
DA-60	1	Bearing Retaining Screw				
(GAE-2191)	1	Comm. End Head Assembly				
GAA-44	3	Brush Screw Block				
GAA-45	3	Lock Spring Ring				
GAB-19	3	Brush Spring				
GAB-51	2	3rd Brush Plate Retaining Spring				
GAB-52	1	Ground Connector Assy.				
X-767	2	Side Terminal				
GAB-176	1	Spacing Ring				
GAB-1014	3	Brush Holder				
GAB-1048	1	3rd Brush Holder Plate				
GAB-1191A	1	C. E. Head Part Assy.				
X-489	1	1/4 Oiler - Press in Type				
GAE-124	2	Brush - Main				
GAE-134	1	Brush - Third				
8X-55	2	#8-32x3/8 Rd. Hd. Screw				
X-194	6	#6 Lock Washer				
8X-361	3	1/4 Plain Washer				
X-537	2	#10 Lock Washer				
8X-892	6	#6-32x1/2 Fill. Hd. Sc.				
8X-1004	2	#10-32x3/16 Rd. Hd. Sc.				
GR-32	1	Felt Washer Retainer				
GR-73	1	Felt Washer				
GT-76	1	Felt Washer Retainer				
GY-34	1	Commutator End Cap Cover				
GY-38	2	End Cap Cover Gasket				
X-196	5	#10 Lock Washer				
X-199	1	1/4 Lock Washer				
X-295	1	BALL BEARING - S.A.E. #203				
8X-312	2	#10-32x1/4 Rd. Hd. Screw				
8X-870	3	#10-32x5/16 Fill. Hd. Screw				
		1	2	3	4	5

Armature Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
DG-1144	1	Oil Thrower				
GAE-2045	1	ARMATURE ASSEMBLY				
GK-64	1	Snap Ring				
GK-174A	1	1/2 Plain Washer				
X-156	1	1/2-20 Castellated Nut				
X-263	1	#8 Woodruff Key				
X-408	1	1/16x1 Cotter Pin				

Drive End Head Assy. & Parts Used With

GAE-1053	1	Drive End Head Assembly				
GAE-47	1	Bearing Retainer				
GAE-53	1	Drive End Head				
8X-66	3	#10-32x1/2 Flat Hd. Sc.				
X-378	1	BALL BRG.- Oil Seal				

Miscellaneous Parts

GAB-1024A	1	Head Band Assembly				
TC-4303B	1	TWO CHARGE REGULATOR				
X-196	4	#10 Lock Washer				
8X-321	4	#10-32x5/16 Rd. Hd. Screw				
X-714	1	#10-32x1 1/2 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 8-21-39)

† Service BRUSH SET GAE-2012.

UNIT	APPLICATION
GAE-4041	Young Engine Co.

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAE-4044 GENERATOR PARTS LIST

GAE-4044

PRELIMINARY

Frame & Field Assembly & Parts Used With						Comm. End Head Assembly (Con't.)								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
GAB-1161	1	C.	B.	Lead	Assembly	X-537	2	#10	Lock	Washer				
GAB-161	1	Insulating	Bushing			8X-892	6	#6-32x1/2	Fill.	Hd. Sc.				
X-590	1	Terminal				X-196	2	#10	Lock	Washer				
X-755	1	Terminal				8X-312	2	#10-32x1/4	Rd.	Hd. Screw				
(GAE-3075)	1	Frame & Field	Assembly			X-1470	1	BALL BEARING	-	S.A.E. #202				
GAB-29	4	Pole	Piece			<u>Armature Assembly & Parts Used With</u>								
GAB-44	2	Field	Connection Ins.			GAA-21	1	Cupped	Oil	Guard				
GAB-65	1	Insulating	Bushing			GAA-22	1	Cupped	Oil	Guard				
GAB-66	1	Fuse	Locating Plate			GAA-67	1	Felt	Washer					
GAB-114	1	Insulating	Washer			GAB-137L	1	Oil	Guard	-	Left Hand			
GAB-163	1	Insulating	Washer			GAE-3180	1	ARMATURE	ASSEMBLY					
GAE-1005	1	FIELD	COIL ASSY.-	Comp.		X-263	1	#8	Woodruff	Key				
GAE-1007	1	Field	Coil Assy.-	U.L.		<u>Drive End Head Assembly & Parts Used With</u>								
X-976	1	Terminal				GAB-1133R	1	Drive	End	Head Assembly				
GAE-1008	1	Field	Coil -	L.L.		GAB-133	1	Drive	End	Head				
GAE-1009	1	Field	Coil -	L.R.		GAE-43	1	Bearing	Retainer					
GAE-1010	1	Field	Coil Assy.-	U.R.		8X-54	3	#8-32x1/2	Rd.	Hd. Screw				
X-767	1	Terminal				X-489	1	1/4	Oiler	-	Press in Type			
MN-21	1	Dowel	Pin			X-1253	1	BALL	BRG.-	S.A.E. #304				
MU-38	1	Field	Connection Ins.			X-1275	3	#8	Skpf.	Washer				
OA-384A	2	Fuse	Clip			<u>Dist. Mtg. Housing Assy. & Parts Used With</u>								
X-81	8	#14-24x5/8	Flat	Hd. Sc.		GAB-96	1	Woodruff	Key -	Special				
X-171	1	#6-32	Hex.	Nut		GAB-179	1	Dist.	Housing	Plate with				
X-194	1	#6	Lock	Washer				Tachometer	Mounting					
8X-302	1	#6-32x1/4	Rd.	Hd. Screw		GAB-1093	1	Oiler	Plug					
8X-363	1	#6	Special	Washer		GAE-39	1	Gasket						
8X-1007	1	#6-32x5/8	Rd.	Hd. Screw		GAE-1086	1	Dist.	Mounting	Housing Assy.				
GJ-20	2	Frame	Screw			GAB-84	1	Steel	Bearing					
X-199	2	1/4	Lock	Washer		GAE-40	1	Absorbent	Bronze	Brg.				
X-842	1	Fuse	-	5 Amp.		MN-21	1	Dowel	Pin					
<u>Comm. End Head Assembly & Parts Used With</u>						GAE-57	1	Distributor	Gear -	Driver				
GAB-100	1	Fuse	Cover			MU-115	1	Lock	Spring	Ring				
(GAE-3074)	1	Comm.	End Head	Assembly		X-194	4	#6	Lock	Washer				
GAA-44	3	Brush	Screw	Block		X-196	3	#10	Lock	Washer				
GAB-19	2	Brush	Spring			8X-309	3	#10-32x1/2	Rd.	Hd. Screw				
GAB-78	3	Spring	Thrust	Washer		X-487	1	Oiler	-	Screw in Type				
GAB-81	1	3rd	Br.	Plate Retaining		X-491	1	Oiler	-	1/4-32	Elbow			
		Plate				8X-645	4	#6-32x3/8	Rd.	Hd. Screw				
GAB-82	3	3rd	Br.	Plate Retaining		<u>Miscellaneous Parts</u>								
		Spring				CB-4013	1	CIRCUIT	BREAKER	ASSEMBLY				
GAB-83	3	3rd	Br.	Plate Retaining		CB-123	1	Armature	Spring					
		Pin				CB-180S	1	C.	B.	Cover				
GAB-118	1	Brush	Spring -	Third		PX-55	1	#10-32x3/16	Bdg.	Hd. Sc.				
GAB-119	1	Ground	Connector	Assy.		X-196	2	#10	Lock	Washer				
X-767	2	Terminal				8X-312	1	#10-32x1/4	Rd.	Hd. Screw				
GAB-1014	2	Brush	Holder			GAB-1021A	1	Head	Band	Assembly				
GAB-1074	1	C.	E.	Head Part	Assy.	X-196	2	#10	Lock	Washer				
GAB-71	2	3/32x13/64	Oval	Hd.		8X-321	2	#10-32x5/16	Rd.	Hd. Screw				
		Rivet				X-714	1	#10-32x1	1/2	Rd.	Hd. Screw			
GAB-1121A	1	3rd	Br.	Holder	Plate Part	8X-794	1	#10-32	Square	Nut				
		Assembly						1	2	3	4	5		
GAB-1122	1	Brush	Holder			(Issued 7-1-41)								
GAE-12†	2	Brush	-	Main		† SERVICE BRUSH SET GAE-2012.								
GAE-13†	1	Brush	-	Third										
X-194	6	#6	Lock	Washer										
8X-312	2	#10-32x1/4	Rd.	Hd. Screw										
X-401	6	1/16x3/8	Cotter	Pin										
		1	2	3	4									

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

UNIT	APPLICATION
GAE-4044	Universal



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAE-4045 GENERATOR PARTS LIST

GAE-4045

Frame & Field Assembly & Parts Used With					Comm. End Head Assembly (Continued)								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
GAB-125S	1	Bracket, Mounting					X-295	1	Bearing, Ball, S.A.E. #203				
(GAE-2206)	1	Bracket & Field Assy.					8X-312	2	Screw, Attaching, Brush Lead, Rd. hd., #10-32x1/4				
GAB-44	2	Insulation, Field Connection					8X-870	3	Screw, Cover Holding, Fil. hd., #10-32x5/16				
GAE-1005B	1	Coil Assy., Field, Comp.					<u>Armature Assembly & Parts Used With</u>						
GAE-1007B	1	Coil Assy., Field, U.L.					GAB-129	1	Spacer, Armature Shaft				
X-767	1	Terminal					GAB-130	1	Ring, Spring, Lock				
GAE-1008	1	Coil, Field, L.L.					GAE-2190	1	Armature Assy.				
GAE-1009	1	Coil, Field, L.R.					GK-64	1	Snap Ring				
GAE-1010A	1	Coil Assy., Field, U.R.					X-160	1	Nut, Armature Shaft, Hex., 7/16-20				
GAL-338	1	Lead Assy.					X-205	1	Washer, Lock, Armature Shaft, 7/16				
X-755	2	Terminal					X-261	1	Key, Woodruff, #6				
X-767	1	Terminal					<u>Drive End Head Assembly & Parts Used With</u>						
GAR-211	1	Bushing, Insulating					GAB-1124A	1	Head Assy., Drive End				
MN-21	1	Pin, Dowel					GAB-124	1	Head				
MU-38	1	Insulation, Field Connection					GAB-126	1	Retainer, Bearing				
X-81	8	Screw, Pole Shoe					GAB-127	1	Retainer, Felt Washer				
GJ-20	2	Bolt, Thru					GAB-128	1	Washer, Felt				
X-113	2	Screw, Mounting Bracket					X-196	4	Washer, Lock, Retainer Sc., #10				
X-199	2	Washer, Lock, Thru Bolt, 1/4					8X-311	4	Screw, Retainer, Rd. hd., #10-32x3/8				
X-1014	2	Washer, Lock, Mtg. Bracket Screw. 5/16					X-378	1	Bearing, Ball, Oil Seal				
<u>Comm. End Head Assembly & Parts Used With</u>					<u>Miscellaneous Parts</u>								
DA-22	1	Washer, Plain, Brg. Retaining, Comm. End					GAB-1024A	1	Band, Cover				
DA-60	1	Screw, Retaining, C.E. Brg., Hex. hd., 1/4-28x5/8					X-196	4	Washer, Lock, Regulator Mtg., #10				
GAB-188	1	Washer, Felt					8X-321	4	Screw, Mtg., Regulator, Rd. hd., #10-32x5/16				
(GAE-2191)	1	Comm. End Head Assy.					8X-714	1	Screw, Rd. hd., #10-32x1 1/2				
GAA-44	3	Block, Brush Screw					8X-794	1	Nut, Square, #10-32				
GAA-45	3	Ring, Lock Spring							1	2	3	4	5
GAB-19	3	Spring, Brush					(Issued 3-9-44)						
GAB-51	2	Spring, 3rd Brush Plate Retaining											
GAB-52	1	Connector Assy., Ground											
X-767	2	Terminal											
GAB-176	1	Spacing Ring											
GAB-1014	3	Holder, Brush											
GAB-1048	1	Plate, 3rd Brush Holder											
GAB-1191A	1	Head Assy., Partial, Comm. End											
X-489	1	Oiler, Hinge Top, Press in, 1/4											
GAE-12‡	2	Brush, Main											
GAE-13‡	1	Brush, Third											
8X-55	2	Screw, Rd. hd., #8-32x3/8											
X-194	6	Washer, Lock, #6											
8X-361	3	Washer, Plain, 1/4											
X-537	2	Washer, Lock, #10											
8X-892	6	Screw, Fil. hd., #6-32x1/2											
8X-1004	2	Screw, Rd. hd., #10-32x3/16											
GR-32	1	Retainer, Felt Washer											
GT-76	1	Retainer, Felt Washer											
GY-34	1	Cover, Comm. End											
GY-38	2	Gasket, C.E. Cover											
X-196	5	Washer, Lock, #10											

‡ Brush Set, Service, GAE-2012.

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAF-4001 GENERATOR PARTS LIST

GAF-4001

Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With									
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part					
		1	2	3	4	5			1	2	3	4	5	
GAB-1161	1	C.B. Lead Assy.					GAA-21	1	Cupped Oil Guard					
GAB-161	1	Ins. Bushing					GAA-22	1	Cupped Oil Guard					
X-590	1	Terminal					GAA-67	1	Felt Washer					
X-755	1	Terminal					GAA-69	1	Lock Spring Ring					
GAF-54	1	Mounting Bracket					GAF-82	1	Armature Shaft Spacer					
(GAF-2001)	1	Frame & Field Assembly					GAF-2081	1	Armature Assembly					
GAA-29	4	Pole Piece					X-166	1	7/16-14 Hex. Nut					
GAA-113	1	Field Connection Ins.					X-205	1	7/16 Lock Washer					
GAB-114	1	Insulating Washer					X-261	1	#6 Woodruff Key					
GAB-163	1	Insulating Washer					X-442	1	Ball Bearing - S.A.E. #15					
GAF-86	1	Insulating Bushing					<u>Drive End Head Assembly & Parts Used With</u>							
GAF-1005	1	Field Coil Assy. - Comp.					GAA-7	2	Drive End Spoke					
GAF-1007	1	Field Coil Assy. - U.L.					GAA-70	2	Spoke Nipple					
X-959	1	Terminal					GAA-1004	1	Drive End Head Assy.					
GAF-1008	1	Field Coil - L.L.					GAA-4	1	Drive End Head					
GAF-1009	1	Field Coil - L.R.					GAA-14	1	Drive End Packing Retainer					
GAF-1010	1	Field Coil Assy. - U.R.					GAA-15	1	Bearing Retainer					
X-767	1	Terminal					GAA-16	1	Felt Washer					
OA-384A	2	Fuse Clip					GAA-17	1	Cupped Oil Guard					
X-80	8	#14-24x5/8 Ctsk. Hd. Sc. - Pole Piece					X-196	4	#10 Lock Washer					
X-171	1	#6-32 Hex. Nut					X-295	1	Ball Brg. - S.A.E. #203					
X-194	1	#6 Lock Washer					8X-311	4	#10-32x3/8 Rd. Hd. Screw					
8X-302	1	#6-32x1/4 Rd. Hd. Screw					X-489	1	1/4 Oiler - Press in Type					
8X-363	1	#6 Special Washer					<u>Dist. Mounting Housing & Parts Used With</u>							
8X-1007	1	#6-32x5/8 Rd. Hd. Screw					GAB-96	1	Woodruff Key - Special					
X-113	2	5/16-24x5/8 Hex. Hd. Cap Sc.					GAB-111	1	Grease Plug					
X-842	1	Fuse - 5 Ampere					GAF-56	1	Dist. Lock Sc. - #14-24					
X-1014	2	5/16 Lock Washer					GAF-57	1	Dist. Gear - Driver					
<u>Comm. End Head Assembly & Parts Used With</u>						GAF-58	1	Dist. Mtg. Housing						
GAA-63	1	Plain Steel Washer - Inner					GAF-1055	1	Oiler					
GAA-64	2	Spring Thrust Washer					X-196	4	#10 Lock Washer					
GAA-65	1	Plain Steel Washer - Outer					8X-664	4	#10-32x9/16 Rd. Hd. Screw					
GAA-66	1	Felt Washer					X-833	1	7/16-20 Hex. Nut					
GAB-100	1	Fuse Cover					X-1015	1	1/4 Lock Washer					
GAF-83	3	#10-32x3/8 Ctsk. Hd. Screw					<u>Miscellaneous Parts</u>							
GAF-90	1	#10-32x1/2 Ctsk. Hd. Screw					CB-4012	1	Circuit Breaker Assy.					
(GAF-2002)	1	Comm. End Head Assy.					CB-123	1	Armature Spring					
GAB-71	2	3/32x13/64 Oval Hd. Rivet					CB-160	1	C.B. Cover					
GAF-1002	1	C.E. Head Part Assy.					PX-55	1	#10-32x3/16 Bdg. Hd. Screw					
GAF-1041	1	Brush Holder Plate Assy.					X-196	2	#10 Lock Washer					
GAF-121	2	Brush - Main					8X-312	1	#10-32x1/4 Rd. Hd. Screw					
GAF-131	1	Brush - 3rd					GAA-1024A	1	Head Band Assy.					
GAF-44	1	Brush Holder - 3rd					8X-141	1	#8-32 Hex. Nut					
GAF-45	1	3rd Brush Holder Screw					X-196	2	#10 Lock Washer					
GAF-1041A	1	Br. Holder Plate Part Assembly					8X-312	2	#10-32x1/4 Rd. Hd. Screw					
MU-19	3	Brush Spring					8X-1010A	1	#8-32x1 1/4 Rd. Hd. Screw - Hardened					
8X-55	3	#8-32x3/8 Rd. Hd. Sc.					1 2 3 4 5							
8X-173	1	#10-32 Hex. Nut					(Issued 1-11-27)							
X-195	3	#8 Lock Washer					(R-5-18-37)							
X-196	1	#10 Lock Washer												
8X-173	3	#10-32 Hex. Nut												
X-196	3	#10 Lock Washer												
8X-321	3	#10-32x5/16 Rd. Hd. Screw												
X-794	1	#10-32 Square Nut												
		1	2	3	4	5								

‡ Service Brush Set GAF-2012S.

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ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAG-4127 GENERATOR PARTS LIST

GAG-4127

PRELIMINARY

Frame & Field Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
(GAG-2044)	1	Frame & Field Assembly				
GAG-1005A	1	FIELD COIL ASSY.- Comp.				
GAG-1007A	1	Field Coil Assy.-U.R.				
GAG-21	1	C. B. Lead Assy.				
X-755	1	Terminal				
X-767	1	Terminal				
GAG-1008	1	Field Coil - L.L.				
GAG-1009	1	Field Coil - L.R.				
GAG-1010	1	Field Coil Assy.-U.L.				
DA-66	1	Terminal				
GK-108	1	Field Connection Ins.				
GT-7	1	Insulating Tube				
MZ-38A	4	Pole Piece Screw				
SA-13	4	Pole Piece				
X-755	1	Terminal				

Comm. End Plate Assembly & Parts Used With

DA-39	2	Flat Oil Guard				
DA-70	1	Armature Shaft Nut				
DH-7	1	Felt Washer				
DJ-9	1	Felt Washer				
GAC-1012†	2	Brush - Main				
GAC-1013†	1	Brush - Third				
(GAG-2002B)	1	Comm. End Plate Assembly				
DJ-1016	1	Br. Holder Plate Assy.				
DJ-18	2	Brush Holder				
DJ-19	2	Brush Spring				
DJ-1016A	1	Brush Holder Plate Part Assembly				
8X-56	1	#8-32x7/16 Rd. Hd. Sc.				
X-195	2	#8 Lock Washer				
8X-304	1	#8-32x5/16 Rd. Hd. Sc.				
DK-41	2	Br. Holder Plate Screw				
DK-42	2	Spring				
GAG-2B	1	Comm. End Plate				
GAG-1017	1	Third Br. Holder Plate Assembly				
DJ-18	1	Brush Holder				
DJ-19A	1	Brush Spring				
GAG-1017A	1	3rd Br. Holder Plate Part Assembly				
8X-54	1	#8-32x1/2 Rd. Hd. Sc.				
X-195	1	#8 Lock Washer				
GX-3	1	Felt Guard				
8X-59	1	#8-32x3/16 Rd. Hd. Screw				
X-195	1	#8 Lock Washer				
X-196	3	#10 Lock Washer				
X-295	1	BALL BEARING - S.A.E. #203				
8X-312	3	#10-32x1/4 Rd. Hd. Screw				
X-489	1	1/4 Oiler - Press in Type				
X-544	4	#10 Lock Washer				
X-842	1	Fuse - 5 Amp.				

Armature Assembly & Parts Used With

3AG-2083	1	ARMATURE ASSEMBLY				
GK-115	1	Oil Thrower - D. E.				
X-157	1	1/2-20 Slotted Nut				
X-260	1	#5 Woodruff Key				
X-263	1	#8 Woodruff Key				
X-358	1	1/2 Plain Steel Washer				
X-404	1	3/32x1 Cotter Pin				
		1	2	3	4	5

Drive End Head Assembly & Parts Used With

Part No.	No. Used	Name of Part				
		1	2	3	4	5
GAG-1045	1	Drive End Head Assembly				
GJ-52	1	BRONZE BEARING				
GK-100	1	Pin				
GAG-90	4	Oil Seal				
X-544	4	#10 Lock Washer				

Dist. Mtg. Housing & Parts Used With

GAG-58	1	Dist. Mounting Housing Clamp				
GAG-101B	1	Dist. Mounting Housing				
GE-25	1	Dist. Gear - Driver				
GG-133	1	Distributor Drive Rivet				
GJ-170	1	Felt Washer				
GJ-171	1	Felt Washer Retainer				
8X-53	1	#8-32x5/8 Rd. Hd. Screw				
8X-119	3	#10-32x1/2 Fill. Hd. Screw				
X-380	1	1/8 Grease Cup				
X-489	1	1/4 Oiler - Press in Type				
8X-1410	1	#8-32 Square Nut				

Miscellaneous Parts

CB-4012	1	CIRCUIT BREAKER ASSEMBLY				
CB-123	1	Armature Spring				
CB-160S	1	C. B. Cover				
PX-55	1	#10-32x3/16 Bdg. Hd. Sc.				
X-196	2	#10 Lock Washer				
8X-312	1	#10-32x1/4 Rd. Hd. Screw				
GY-1024	1	Head Band Assembly				
X-196	2	#10 Lock Washer				
8X-321	2	#10-32x5/16 Rd. Hd. Screw				
X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
8X-794	1	#10-32 Square Nut				
		1	2	3	4	5

(Issued 7-1-41)

† SERVICE BRUSH SET GAC-2012.

UNIT	APPLICATION
GAG-4127	Waukesha, Red Wing

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAG-4133 GENERATOR PARTS LIST

GAG-4133

Frame & Field Assembly & Parts Used With						
Part No.	No. Used	Name of Part				
		1	2	3	4	5
(GAG-2137)	1	Frame & Field Assy.				
GAG-1005A	1	Coil Assy., Field, Comp.				
GAG-1007A	1	Coil Assy., Field, U.R.				
GAG-21	1	Lead Assy.				
X-755	1	Terminal				
X-767	1	Terminal				
GAG-1008	1	Coil, Field, L.L.				
GAG-1009	1	Coil, Field, L.R.				
GAG-1010	1	Coil Assy., Field, U.L.				
X-767	1	Terminal				
GK-108	1	Insulation, Field Connection				
GT-7	1	Bushing, Insulating				
MZ-38A	4	Screw, Pole Shoe				
X-755	1	Terminal				
Comm. End Head Assembly & Parts Used With						
DA-39	1	Washer, Plain				
DJ-9	1	Washer, Felt				
DJ-10	1	Gasket, End Cap Cover				
GAC-1012†	2	Brush, Main				
GAC-1013†	1	Brush, Third				
GAG-34	1	Nut, Armature Shaft, .669-20				
GAG-36	1	Washer, Felt				
GAG-53	1	Cover, Comm. End				
(GAG-2002A)	1	Head Assy., Comm. End				
DJ-1016	1	Plate Assy., Brush				
DJ-18	2	Holder, Brush				
DJ-19	2	Spring, Brush				
DJ-1016A	1	Plate, Brush				
8X-56	1	Screw, Rd. hd., #8-32x7/16				
X-195	2	Washer, Lock, #8				
8X-304	1	Screw, Rd. hd., #8-32x5/16				
DK-41	2	Screw, Attaching, Brush Plate				
DK-42	2	Spring, Plate Screw				
GAG-2A	1	Head				
GAG-1017	1	Plate Assy., 3rd Brush				
DJ-18	1	Holder, Brush				
DJ-19A	1	Spring, Brush				
GAG-1017A	1	Plate, 3rd Brush				
8X-54	1	Screw, Holder Attaching, Rd. hd., #8-32x1/2				
X-195	1	Washer, Lock, Holder Screw, #8				
GX-3	1	Retainer, Felt Washer				
8X-59	1	Screw, Lead Connection, Rd. hd., #8-32x3/16				
8X-119	4	Screw, Attaching, Comm. End Head, Fil. hd., #10-32x1/2				
X-195	1	Washer, Lock, Lead Sc., #8				
X-196	3	Washer, Lock, Brush Lead, #10				
X-295	1	Bearing, Ball, S.A.E. #203				
8X-312	3	Screw, Attaching, Brush Lead, Rd. hd., #10-32x1/4				

Comm. End Head Assembly (Continued)						
Part No.	No. Used	Name of Part				
		1	2	3	4	5
X-489	1	Oiler, Hinge Top, Press in, 1/4				
X-544	7	Washer, Lock, C.E. Head Sc., #10				
X-842	1	Fuse, 5 Amps.				
8X-870	3	Screw, Cover Holding, Fil. hd., #10-32x5/16				
Armature Assembly & Parts Used With						
GAG-2136	1	Armature				
GJ-104	1	Spacer, Arm. Shaft				
GJ-179	1	Washer, Plain, Armature Shaft				
X-160	1	Nut, Armature Shaft, Hex., 7/16-20				
X-205	1	Washer, Lock, Arm. Shaft, 7/16				
X-261	2	Key, Woodruff, #6				
Drive End Head Assembly & Parts Used With						
GAG-1052	1	Head Assy., Drive End				
GAG-52	1	Head				
GG-6	2	Retainer, Bearing				
GG-164	1	Washer, Felt				
GK-176	1	Retainer, Felt Washer				
8X-173	3	Nut, Retainer Screw, Hex., #10-32				
X-196	3	Washer, Lock, Retainer Sc., #10				
X-295	1	Bearing, Ball, S.A.E. #203				
8X-316	3	Screw, Retainer, Rd. hd., #10-32x3/4				
X-489	1	Oiler, Hinge Top, Press in, 1/4				
8X-119	4	Screw, Attaching, Drive End Head, Fil. hd., #10-32x1/2				
X-544	4	Washer, Lock, D.E. Head Sc., #10				
Miscellaneous Parts						
CB-4012	1	Relay Assy., Cutout				
CB-123	1	Spring, Armature				
CB-160S	1	Cover				
PX-55	1	Screw, Arm. Term., Bdg. hd., #10-32x3/16				
X-196	2	Washer, Lock, Term. Sc., #10				
8X-312	1	Screw, Bat. Term., Rd. hd., #10-32x1/4				
GCS-1024	1	Band, Cover				
X-196	2	Washer, Lock, Cutout Relay Mtg., #10				
8X-308	1	Screw, Cover Band, Rd. hd., #10-32x1 3/8				
8X-321	2	Screw, Mtg., Cutout Relay, Rd. hd., #10-32x5/16				
8X-794	1	Nut, Cover Band, Square, #10-32				
		1	2	3	4	5

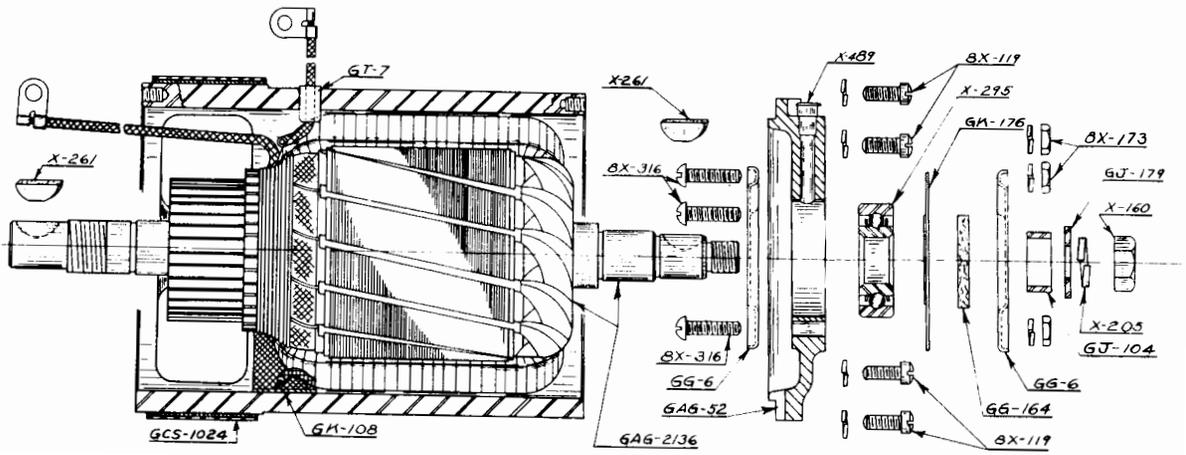
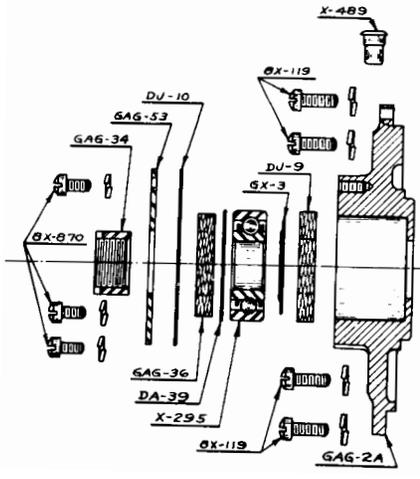
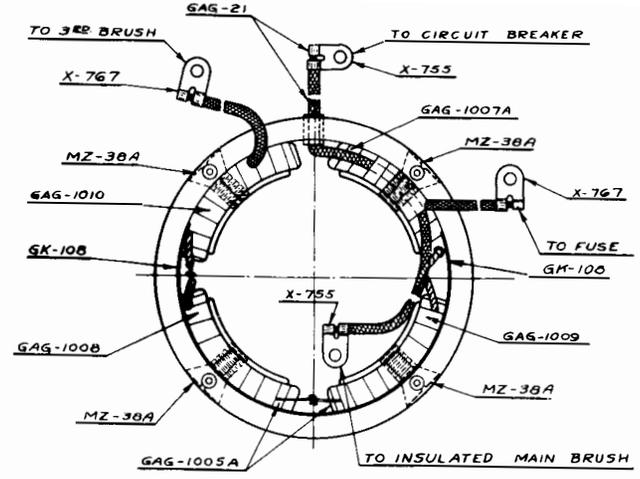
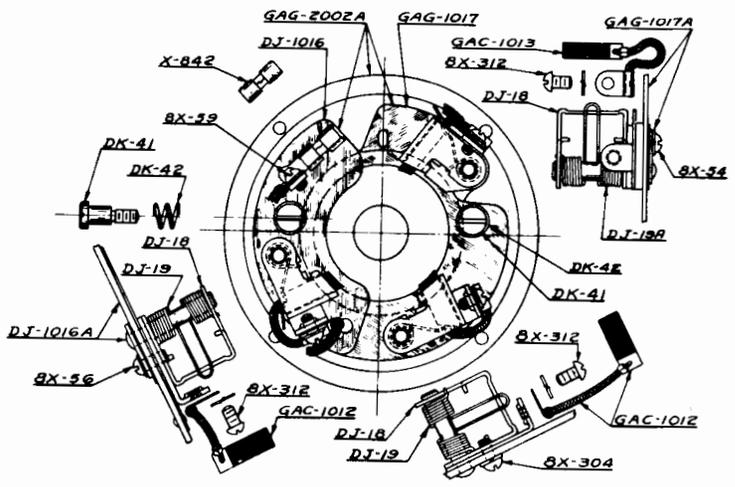
(Issued 3-9-44)

† Brush Set, Service, GAC-2012.

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."



GAG-4133 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAG-4145 GENERATOR PARTS LIST

GAG-4145

Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With												
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part								
		1	2	3	4	5			1	2	3	4	5				
(GAG-2158)	1	Frame & Field Assy.					GAG-2136	1	Armature								
GAG-1005G	1	Coil Assy., Field, Comp.					GJ-104	1	Spacer, Arm. Shaft								
GAG-1007H	1	Coil Assy., Field, U.R.					GJ-179	1	Washer, Plain, Armature Shaft								
GAL-349	1	Lead Assy.					X-160	1	Nut, Armature Shaft, Hex., 7/16-20								
X-755	2	Terminal					X-205	1	Washer, Lock, Arm. Shaft, 7/16								
X-755	1	Terminal					X-261	2	Key, Woodruff, #6								
GAG-1008	1	Coil, Field, L.L.					<u>Drive End Head Assembly & Parts Used With</u>										
GAG-1009	1	Coil, Field, L.R.					GAG-1052	1	Head Assy., Drive End								
GAG-1010	1	Coil Assy., Field, U.L.					GAG-52	1	Head								
X-767	1	Terminal					GG-6	2	Retainer, Bearing								
GAP-211	1	Bushing, Insulating					GG-164	1	Washer, Felt								
GK-108	1	Insulation, Field Connection					GK-176	1	Retainer, Felt Washer								
MZ-38A	4	Screw, Pole Shoe					8X-173	3	Nut, Retainer Screw, Hex., #10-32								
<u>Comm. End Head Assembly & Parts Used With</u>										X-196	3	Washer, Lock, Retainer Sc., #10					
DA-39	1	Washer, Plain					X-295	1	Bearing, Ball, S.A.E. #203								
DJ-9	1	Washer, Felt					8X-316	3	Screw, Retainer, Rd. hd., #10-32x3/4								
DJ-10	1	Gasket, End Cap Cover					X-489	1	Oiler, Hinge Top, Press in, 1/4								
GAC-1012‡	2	Brush, Main					8X-119	4	Washer, Lock, Term. Stud, 1/4								
GAC-1013‡	1	Brush, Third					X-544	4	Washer, Lock, D.E. Head Sc., #10								
GAG-34	1	Nut, Armature Shaft, .669-20					<u>Miscellaneous Parts</u>										
GAG-36	1	Washer, Felt					GCS-1024	1	Band, Cover								
GAG-53	1	Cover, Comm. End					*	1	Regulator								
(GAG-2002C)	1	Head Assy., Comm. End					X-196	4	Washer, Lock, Regulator Mtg., #10								
DJ-1016B	1	Plate Assy., Brush Holder					8X-321	4	Screw, Mtg., Regulator, Rd. hd., #10-32x5/16								
DJ-18	2	Holder, Brush					X-715	1	Screw, Cover Band, Rd. hd., #10-32x1 1/4								
DJ-19	2	Spring, Brush					8X-794	1	Nut, Cover Band, Square, #10-32								
DJ-1016BS	1	Plate, Brush					1 2 3 4 5										
2X-56	1	Screw, Rd. hd., #8-32x7/16					(Issued 3-9-44)										
X-195	2	Washer, Lock, #8					Assembly					Regulator					
2X-304	1	Screw, Rd. hd., #8-32x5/16					No.					No.					
DK-41	2	Screw, Attaching, Brush Plate					GAG-4145						TC-4305A				
DK-42	2	Spring, Plate Screw					GAG-4145-2						TC-4305B				
GAG-2A	1	Head															
GAG-1017	1	Plate Assy., 3rd Brush															
DJ-18	1	Holder, Brush															
DJ-19A	1	Spring, Brush															
GAG-1017A	1	Plate, 3rd Brush															
8X-54	1	Screw, Holder Attaching, Rd. hd., #8-32x1/2															
X-195	1	Washer, Lock, Holder Screw, #8															
GX-3	1	Retainer, Felt Washer															
8X-119	4	Screw, Attaching, Comm. End Head, Fil. hd., #10-32x1/2															
X-196	3	Washer, Lock, Brush Lead, #10															
X-295	1	Bearing, Ball, S.A.E. #203															
8X-312	3	Screw, Attaching, Brush Lead, Rd. hd., #10-32x1/4															
X-489	1	Oiler, Hinge Top, Press in, 1/4															
X-544	7	Washer, Lock, #10															
8X-870	3	Screw, Fil. hd., #10-32x5/16															
		1	2	3	4	5											

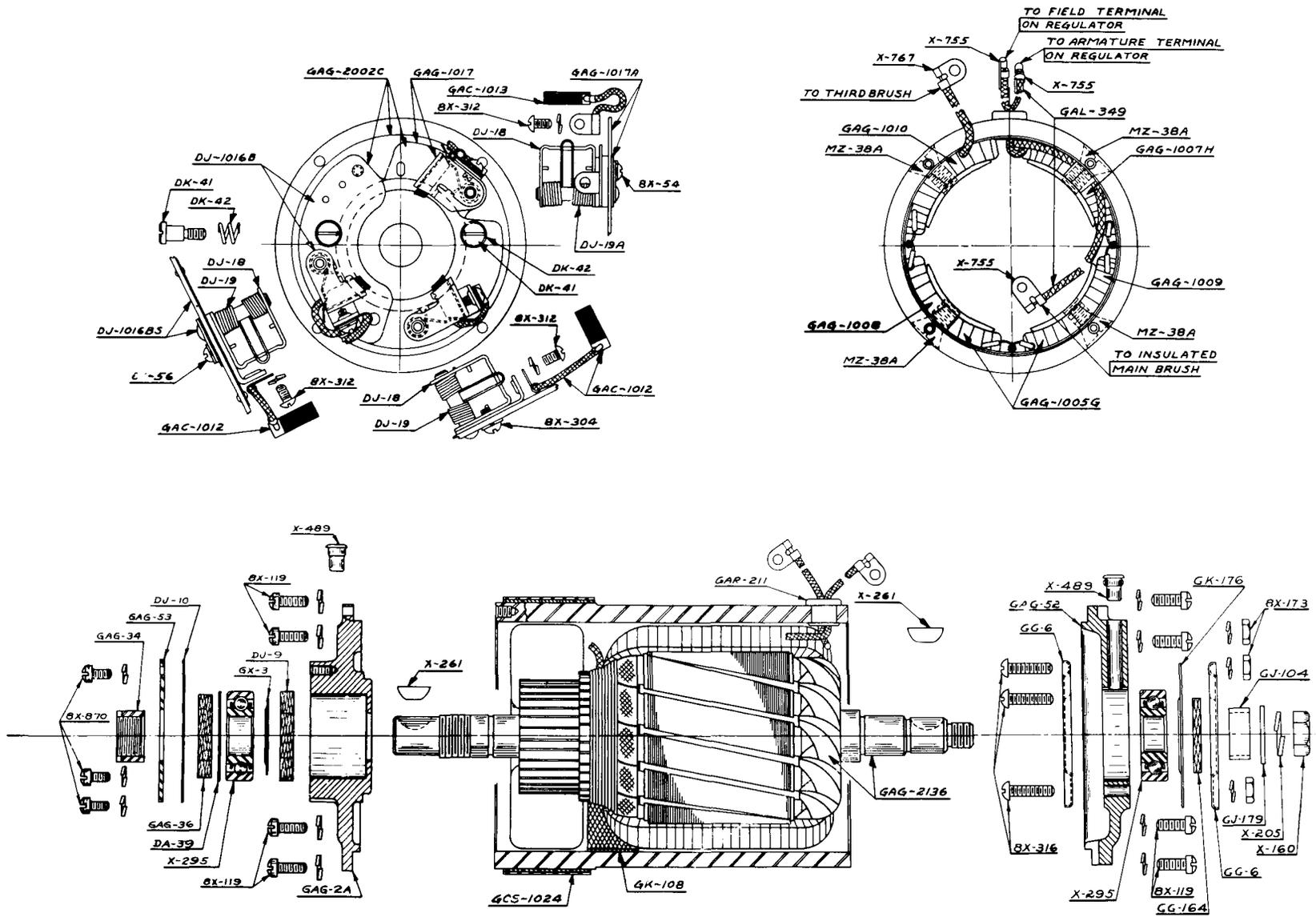
‡ Brush Set, Service, GAC-2012.

* See table following parts list for part number applying to assembly wanted.

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Equipment & Parts List Binder

"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."



GAG-4145 GENERATOR ILLUSTRATION

ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAG-4147 GENERATOR PARTS LIST

GAG-4147

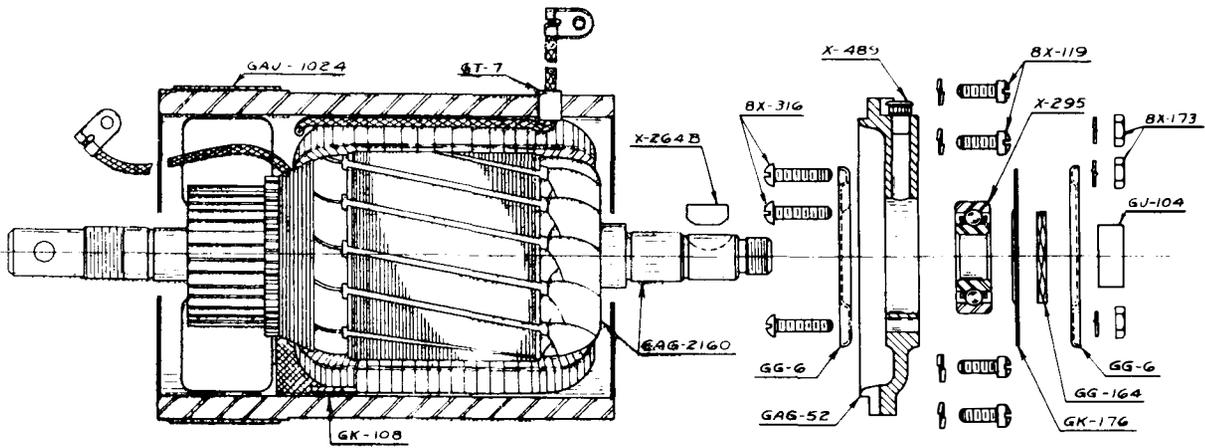
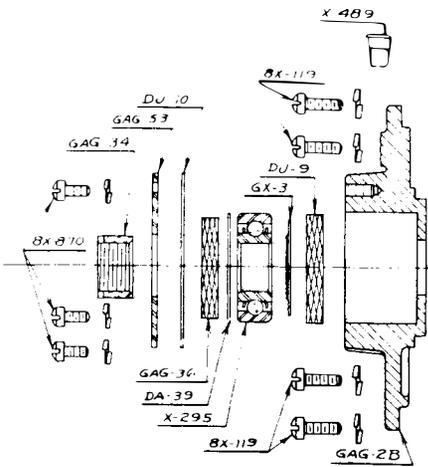
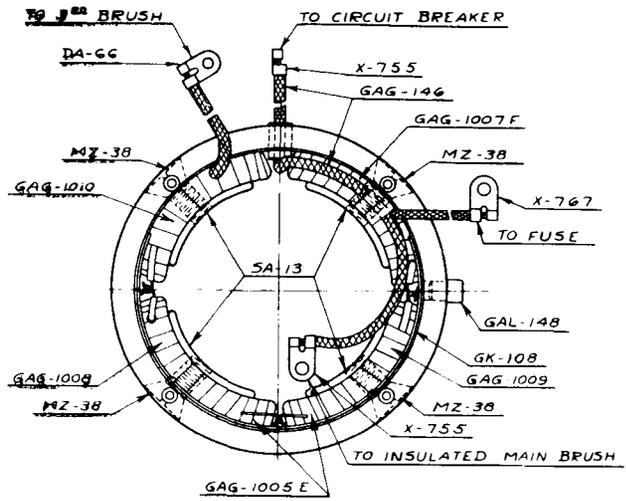
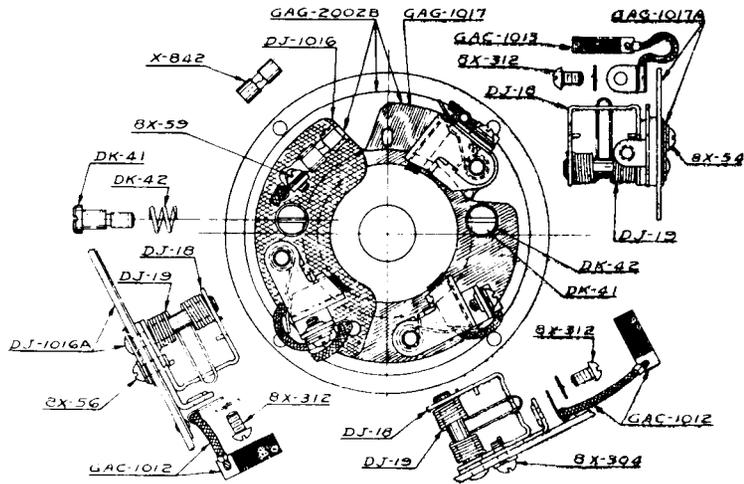
Frame & Field Assembly & Parts Used With					Armature Assembly & Parts Used With								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(GAG-2161)	1	Frame & Field Assy.					GAG-2160	1	Armature Assembly				
GAG-1005E	1	Field Coil Assy. - Comp.					GJ-104	1	Armature Shaft Spacer				
GAG-1007F	1	Field Coil Assy.-U.R.					X-264B	1	#9 Special Woodruff Key				
GAG-146	1	C.B. Lead Assy.					<u>Drive End Head Assembly & Parts Used With</u>						
X-755	1	Terminal					GAG-1052A	1	Drive End Head Assy.				
X-767	1	Terminal					GAG-52	1	Drive End Head				
GAG-1008	1	Field Coil - L.L.					GG-6	2	Felt Guard-with Oil Well				
GAG-1009	1	Field Coil - L.R.					GG-164	1	Felt Washer				
GAG-1010	1	Field Coil Assy.-U.L.					GK-176	1	Felt Washer Retainer				
DA-66	1	Terminal					8X-173	3	#10-32 Hex. Nut				
GAL-148	1	Aligning Dowel					X-196	3	#10 Lock Washer				
GK-108	1	Field Connection Ins.					X-295	1	Ball Brg. - S.A.E. #203				
GT-7	1	Ins. Bushing					8X-316	3	#10-32x3/4 Rd. Hd. Sc.				
MZ-38	4	Pole Piece Screw					X-489	1	1/4 Oiler - Press in Type				
SA-13	4	Pole Piece					8X-119	4	#10-32x1/2 Fill. Hd. Screw				
X-755	1	Terminal					X-544	4	#10 Lock Washer				
<u>Comm. End Plate Assembly & Parts Used With</u>						<u>Miscellaneous Parts</u>							
DA-39	1	Flat Oil Guard					CB-4021	1	Circuit Breaker Assy.				
DJ-9	1	Felt Washer					CB-123	1	Armature Spring				
DJ-10	1	End Cap Cover Gasket					CB-160	1	C.B. Cover				
GAG-1012	2	Brush - Main					PX-55	1	#10-32x3/16 Bdg. Hd. Sc.				
GAG-1013	1	Brush - Third					X-196	3	#10 Lock Washer				
GAG-34	1	Armature Shaft Nut					8X-312	2	#10-32x1/4 Rd. Hd. Sc.				
GAG-36	1	Felt Washer					GAG-1024	1	Head Band Assy.				
GAG-53	1	Comm. End Cap Cover					X-196	2	#10 Lock Washer				
(GAG-2002B)	1	Comm. End Plate Assy.					8X-321	2	#10-32x5/16 Rd. Hd. Sc.				
DJ-1016	1	Brush Holder Plate Assy.					X-715	1	#10-32x1 1/4 Rd. Hd. Screw				
DJ-18	2	Brush Holder					8X-794	1	#10-32 Square Nut				
DJ-19	2	Brush Spring							1	2	3	4	5
DJ-1016A	1	Brush Holder Plate Part Assy.					(Issued 12-5-35)						
8X-56	1	#8-32x7/16 Rd. Hd. Sc.											
X-195	2	#8 Lock Washer											
8X-304	1	#8-32x5/16 Rd. Hd. Sc.											
DK-41	2	Brush Holder Plate Screw											
DK-42	2	Spring											
GAG-2B	1	Comm. End Plate											
GAG-1017	1	3rd Brush Holder Plate Assy.											
DJ-18	1	Brush Holder											
DJ-19	1	Brush Spring											
GAG-1017A	1	3rd Brush Holder Plate Part Assy.											
8X-54	1	#8-32x1/2 Rd. Hd. Sc.											
X-195	1	#8 Lock Washer											
GX-3	1	Felt Guard											
8X-59	1	#8-32x3/16 Rd. Hd. Screw											
8X-119	4	#10-32x1/2 Fill. Hd. Screw											
X-195	1	#8 Lock Washer											
X-196	3	#10 Lock Washer											
X-295	1	Ball Brg. - S.A.E. #203											
8X-312	3	#10-32x1/4 Rd. Hd. Screw											
X-489	1	1/4 Oiler - Press in Type											
X-544	7	#10 Lock Washer											
X-842	1	Fuse - 5 Amp.											
8X-870	3	#10-32x5/16 Fill. Hd. Sc.											
		1	2	3	4	5							

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

GAG-417 GENERATOR ILLUSTRATION



ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAG-4148 GENERATOR PARTS LIST

GAG-4148

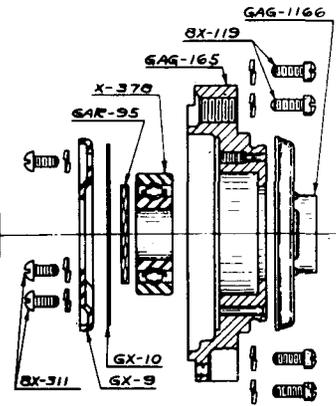
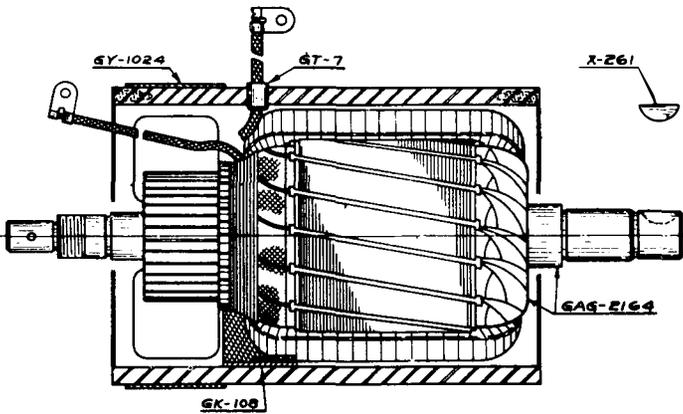
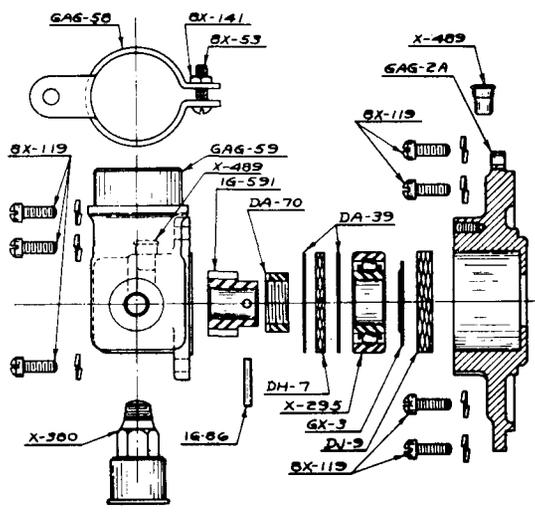
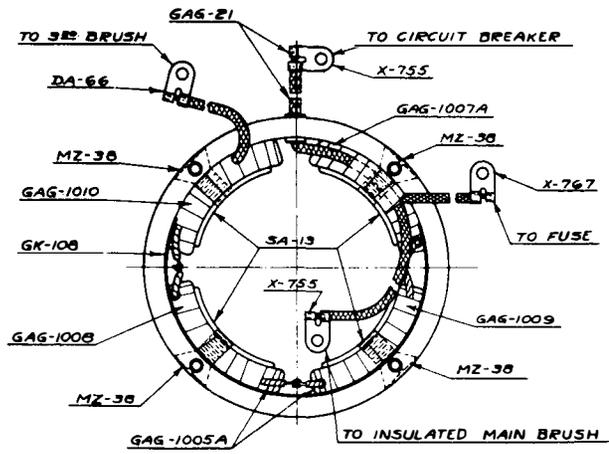
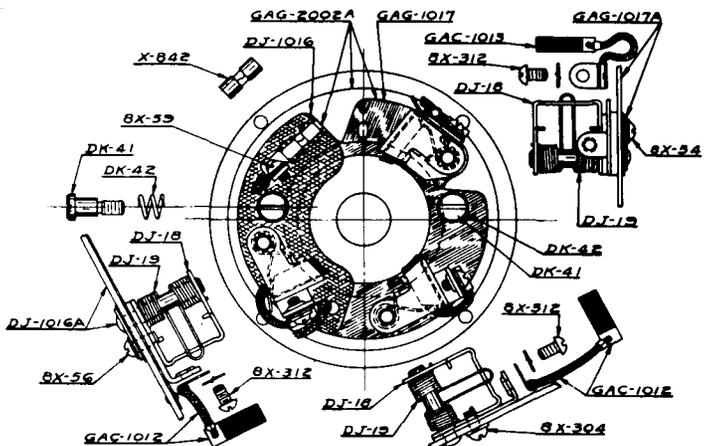
Frame & Field Assembly & Parts Used With						Armature Assembly & Parts Used With							
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(GAG-2044)	1	Frame & Field Assy.					GAG-1166	1	Oil Thrower				
GAG-1005A	1	Field Coil Assy. - Comp.					GAG-2164	1	Armature Assembly				
GAG-1007A	1	Field Coil Assy. - U.R.					X-261	1	#6 Woodruff Key				
<u>Comm. End Plate Assembly & Parts Used With</u>						<u>Drive End Head Assembly & Parts Used With</u>							
GAG-21	1	C.B. Lead Assy.					GAG-1165	1	Drive End Head Assy.				
X-755	1	Terminal					GAG-165	1	Drive End Head				
X-767	1	Terminal					GAR-95	1	Felt Washer				
GAG-1008	1	Field Coil - L.L.					GX-9	1	Drive End Packing Retainer				
GAG-1009	1	Field Coil - L.R.					GX-10	1	Gasket				
GAG-1010	1	Field Coil Assy. - U.L.					X-196	3	#10 Lock Washer				
DA-66	1	Terminal					8X-311	3	#10-32x3/8 Rd. Hd. Sc.				
GK-108	1	Field Connection Ins.					X-378	1	Ball Brg. - S.A.E. #204 Oil Seal				
GT-7	1	Insulating Tube					<u>Dist. Mounting Housing & Parts Used With</u>						
MZ-38	4	Pole Piece Screw					GAG-58	1	Dist. Mounting Housing Clamp				
SA-13	4	Pole Piece					GAG-59	1	Dist. Mounting Housing				
X-755	1	Terminal					IG-86	1	Dist. Drive Rivet				
<u>Comm. End Plate Assembly & Parts Used With</u>						<u>Miscellaneous Parts</u>							
DA-39	2	Flat Oil Guard					IG-591	1	Dist. Gear - Driver				
DA-70	1	Armature Shaft Nut					8X-53	1	#8-32x5/8 Rd. Hd. Screw				
DH-7	1	Felt Washer					8X-119	4	#10-32x1/2 Fill. Hd. Sc.				
DJ-9	1	Felt Washer					8X-141	1	#8-32 Hex. Nut				
GAC-1012	2	Brush - Main					X-380	1	1/8 Grease Cup				
GAC-1013	1	Brush - Third					X-489	1	1/4 Oiler - Press in Type				
(GAG-2002A)	1	Comm. End Plate Assy.					X-544	4	#10 Lock Washer				
DJ-1016	1	Brush Holder Plate Assy.					<u>Miscellaneous Parts</u>						
DJ-18	2	Brush Holder					CB-4012	1	Circuit Breaker Assy.				
DJ-19	2	Brush Spring					CB-123	1	Armature Spring				
DJ-1016A	1	Brush Holder Plate Part Assy.					CB-160	1	C.B. Cover				
8X-56	1	#8-32x7/16 Rd. Hd. Sc.					PX-55	1	#10-32x3/16 Bdg. Hd. Sc.				
X-195	2	#8 Lock Washer					X-196	2	#10 Lock Washer				
8X-304	1	#8-32x5/16 Rd. Hd. Sc.					8X-312	1	#10-32x1/4 Rd. Hd. Sc.				
DK-41	2	Brush Holder Plate Screw					GY-1024	1	Head Band Assy.				
DK-42	2	Spring					X-196	2	#10 Lock Washer				
GAG-2A	1	Comm. End Plate					8X-321	2	#10-32x5/16 Rd. Hd. Sc.				
GAG-1017	1	3rd Brush Holder Plate Assembly					X-715	1	#10-32x1 1/4 Rd. Hd. Sc.				
DJ-18	1	Brush Holder					8X-794	1	#10-32 Square Nut				
DJ-19	1	Brush Spring							1	2	3	4	5
GAG-1017A	1	3rd Brush Holder Plate Part Assy.					(Issued 2-27-36)						
8X-54	1	#8-32x1/2 Rd. Hd. Sc.											
X-195	1	#8 Lock Washer											
GX-3	1	Felt Guard											
8X-59	1	#8-32x3/16 Rd. Hd. Screw											
8X-119	7	#10-32x1/2 Fill. Hd. Screw											
X-195	1	#8 Lock Washer											
X-196	3	#10 Lock Washer											
X-295	1	Ball Brg. - S.A.E. #203											
8X-312	3	#10-32x1/4 Rd. Hd. Sc.											
X-489	1	1/4 Oiler - Press in Type											
X-544	7	#10 Lock Washer											
X-842	1	Fuse - 5 Ampere											
		1	2	3	4	5							

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"NOTE: Where part numbers are shown in parenthesis they are for reference only. By stocking sub-parts the complete part can be assembled as needed."

GAG-4148 GENERATOR ILLUSTRATION

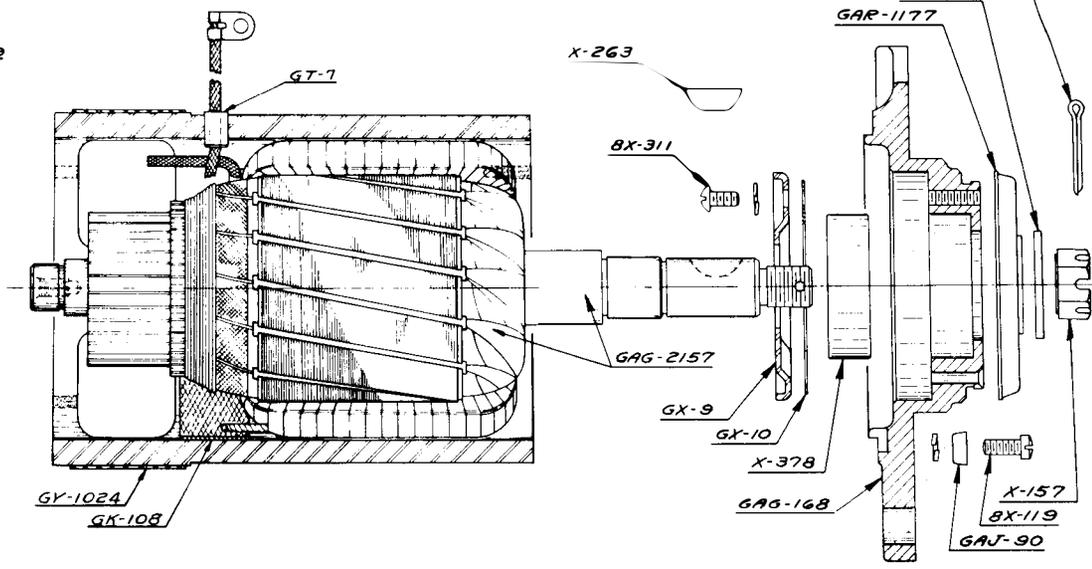
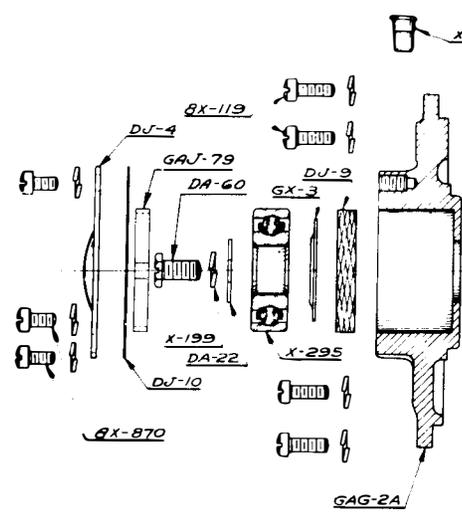
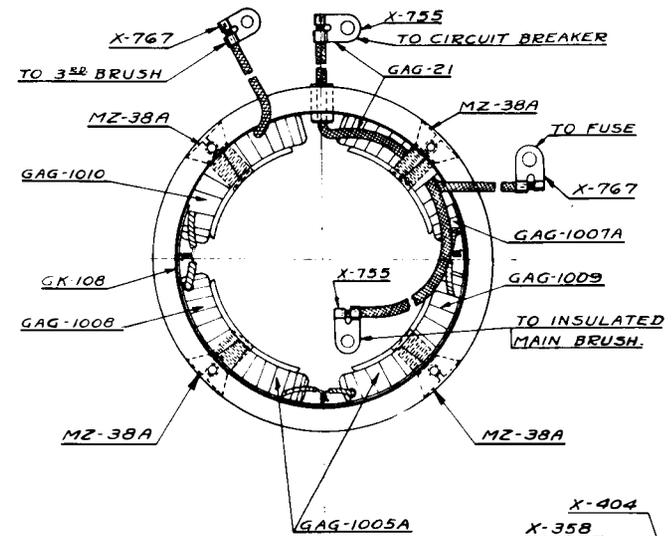
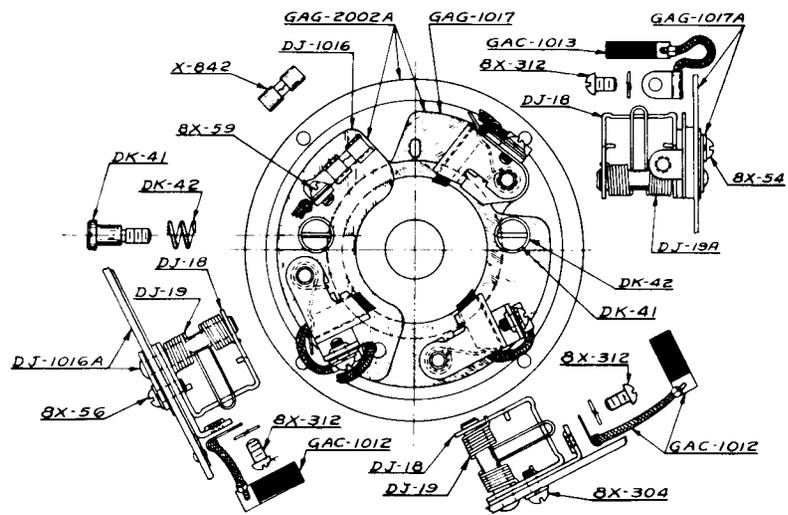


ELECTRIC AUTO-LITE EQUIPMENT & PARTS LISTS

GAG-4150 GENERATOR PARTS LIST

GAG-4150

Frame & Field Assembly & Parts Used With					Comm. End Head Assembly (Continued)								
Part No.	No. Used	Name of Part					Part No.	No. Used	Name of Part				
		1	2	3	4	5			1	2	3	4	5
(GAG-2044)	1	Frame & Field Assy.					X-295	1	Bearing, Ball, S.A.E. #203				
GAG-1005A	1	Coil Assy., Field, Comp.					8X-312	3	Screw, Attaching, Brush Lead, Rd. hd., #10-32x1/4				
GAG-1007A	1	Coil Assy., Field, U.R.					X-489	1	Oiler, Hinge Top, Press in, 1/4				
GAG-21	1	Lead Assy.					X-544	7	Washer, Lock, #10				
X-755	1	Terminal					X-842	1	Fuse, 5 Amps.				
X-767	1	Terminal					8X-870	3	Screw, Condenser Mtg., Fil. hd., #10-32x5/16				
GAG-1008	1	Coil, Field, L.L.					<u>Armature Assembly & Parts Used With</u>						
GAG-1009	1	Coil, Field, L.R.					GAG-2157	1	Armature				
GAG-1010	1	Coil Assy., Field, U.L.					GAR-1177	1	Oil Thrower				
X-767	1	Terminal					X-157	1	Nut, Hex., Slotted, 1/2-20				
GK-108	1	Insulation, Field Connection					X-263	1	Key, Woodruff, #8				
GT-7	1	Bushing, Insulating					X-358	1	Washer, Plain, 1/2				
MZ-38A	4	Screw, Pole Shoe					X-404	1	Pin, Cotter, 3/32x1				
X-755	1	Terminal					<u>Drive End Head Assembly & Parts Used With</u>						
<u>Comm. End Head Assembly & Parts Used With</u>						GAG-1168	1	Head Assy., Drive End					
DA-22	1	Washer, Plain, Brg. Retaining, Comm. End					GAG-168	1	Head				
DA-60	1	Screw, Retaining, C.E. Brg. Hex. hd , 1/4-28x5/8					GX-9	1	Retainer, Bearing				
DJ-4	1	Cover, Comm. End Cap					GX-10	1	Gasket, Bearing Retainer				
DJ-9	1	Washer, Felt					X-196	3	Washer, Lock, Retainer Screw, #10				
DJ-10	1	Gasket, End Cap Cover					8X-311	3	Screw, Retainer, Rd. hd., #10-32x3/8				
GAC-1012†	2	Brush, Main					X-378	1	Bearing, Ball, Shielded, S.A.E. #204				
GAC-1013†	1	Brush, Third					GAJ-90	4	Oil Seal				
(GAG-2002A)	1	Head Assy., Comm. End					8X-119	4	Screw, Attaching, Drive End Head, Fil. hd., #10-32x1/2				
DJ-1016	1	Plate Assy., Brush					X-544	4	Washer, Lock, D.E Head Sc., #10				
DJ-18	2	Holder, Brush					<u>Miscellaneous Parts</u>						
DJ-19	2	Spring, Brush					CB-4012	1	Relay Assy., Cutout				
DJ-1016A	1	Plate, Brush					CB-123	1	Spring, Armature				
8X-56	1	Screw, Rd. hd., #8-32x7/16					CB-160S	1	Cover				
X-195	2	Washer, Lock, #8					PX-55	1	Screw, Arm. Term., Bdg. hd., #10-32x3/16				
8X-304	1	Screw, Rd. hd., #8-32x5/16					X-196	2	Washer, Lock, Term. Sc., #10				
DK-41	2	Screw, Attaching, Brush Plate					8X-312	1	Screw, Bat. Term., Rd. hd., #10-32x1/4				
DK-42	2	Spring, Plate Screw					GY-1024	1	Band, Cover				
GAG-2A	1	Head					X-196	2	Washer, Lock, Cutout Relay Mtg., #10				
GAG-1017	1	Plate Assy., 3rd Brush					8X-321	2	Screw, Mtg., Cutout Relay, Rd. hd., #10-32x5/16				
DJ-18	1	Holder, Brush					X-715	1	Screw, Cover Band, Rd. hd., #10-32x1 1/4				
DJ-19A	1	Spring, Brush					8X-794	1	Nut, Cover Band, Square, #10-32 1 2 3 4 5				
GAG-1017A	1	Plate, 3rd Brush					(Issued 3-10-44)						
8X-54	1	Screw, Holder Attaching, Rd hd., #8-32x1/2					† Brush Set, Service, GAC-2012.						
X-195	1	Washer, Lock, Holder Screw, #8											
GAJ-79	1	Spacer, Bearing											
GX-3	1	Retainer, Felt Washer											
8X-59	1	Screw, Rd hd., #8-32x3/16											
8X-119	4	Screw, Attaching, Comm. End Head, Fil. hd , #10-32x1/2											
X-195	1	Washer, Lock, #8											
X-196	3	Washer, Lock, Brush Lead, #10											
X-199	1	Washer, Lock, Brg. Retaining Screw, 1/4											
		1	2	3	4	5							



GAG-4150 GENERATOR ILLUSTRATION