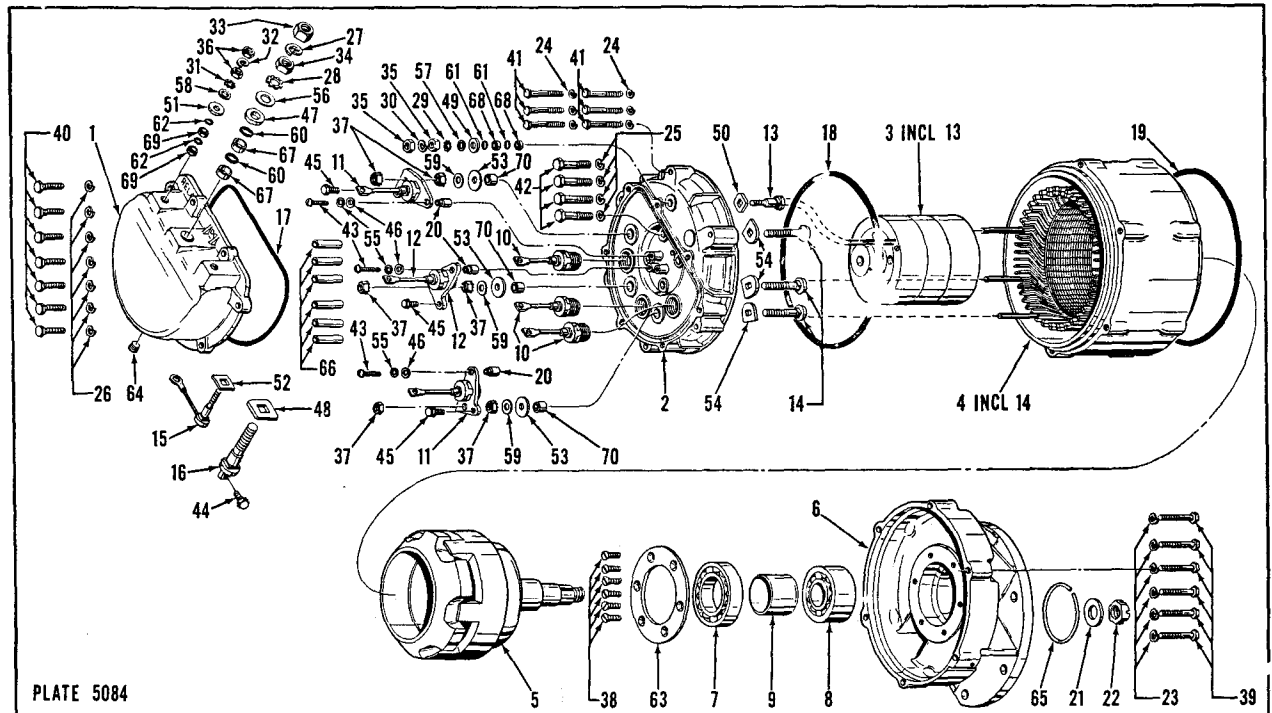


Revised to April 1, 1971



Illustrations are of Typical Parts only. For parts not illustrated or in columns see Minor Parts Section.

Model No.	Cover — Diode End	Frame — Diode End	Field — Assem.	Stator — Assem.	Rotor — Assem.	Frame — D.E.	Ball Bearing — Inner D.E.	Ball Bearing — Outer D.E.	Spacer — Ball Bearing	Diode — In Frame	Diode — & Bracket
	1	2	3	4	5	6	7	8	9	10	11
1117661.....	1964016	1941062	1941010	1964000	1941002	1941064	903209	954533	1941056	○1963290	*1964014
1117663.....	"	1946558	1946568	1946559	1946562	1946557	"	"	"	□1963184	*1953024
1117664.....	"	"	"	1964000	1941002	1941064	"	"	"	"	"
1117665.....	"	1941062	1941010	"	"	1947599	"	"	"	○1963290	*1964014
1117667.....	"	"	"	"	"	1941064	"	"	"	"	"
1117668.....	"	1946558	1946568	1946559	1946562	1946557	"	"	"	□1963184	*1953024
1117669.....	"	"	"	1964000	1941002	1941064	"	"	"	"	"
1117670.....	"	1941062	1941010	"	"	1947599	"	"	"	○1963290	*1967102
1117672.....	"	"	"	1956306	1956315	1956304	"	"	"	"	"
1117673.....	"	▲1958929	1958947	1958932	1958937	1958941	907374	907373	"	"	x
1117674.....	1964016	1946558	1946568	1964000	1941002	1959519	903209	954533	"	□1963184	*1953024
1117675.....	○1963280	▲1963278	1963281	1958932	1958937	1963279	907374	907373	"	"	x
1117677.....	1964016	1941062	1941010	1969312	1941002	1947599	903209	954533	"	○1967104	*1967102
1117678.....	"	"	"	"	"	1964025	"	"	"	"	"
1117679.....	"	▲1964145	1964153	1958932	1958937	1964164	907374	907373	"	"	x
1117680.....	1964016	1941062	1941010	1964531	1956315	1956304	903209	954533	"	○1967104	*1967102
1117681.....	△1967033	△1967031	"	1969312	1941002	1947599	"	"	"	1967035	†1967036
1117682.....	△	"	"	"	"	1964025	"	"	"	"	"
1117683.....	△	"	"	1964531	1956315	1956304	"	"	"	"	"
1117684.....	△	"	"	1969312	1941002	1964025	"	"	"	"	"
1117686.....	○1963280	▲1963278	1963281	1958932	1958937	800097	"	907373	"	"	x

*Heat sink bracket only is part No. 1941059. For $\frac{11}{16}$ " Dia. Diode Mtg. hole; Later design (Stud Mtg.) with $\frac{3}{4}$ " Dia. hole requires 1967036.

▲End Frame only. Diodes are at Drive end.

○Negative Diode.

□Positive Diode.

†Assembly not sold—Diode Part No. 1967035 and Bracket No. is 1967036.

○Cover Plate — End Frame.

xNot sold as assembly; Use Heat Sink 1958927—Pos. Diode 1963290—Negative Diode 1963184.

▲These units are new one piece design which combines Cover & End Frame under Part No. shown in Col. 2. Part No. in Col. 1 is the End Cover Plate.

*A General Motors Trademark

Delco Remy **SERVICE PARTS CATALOG**

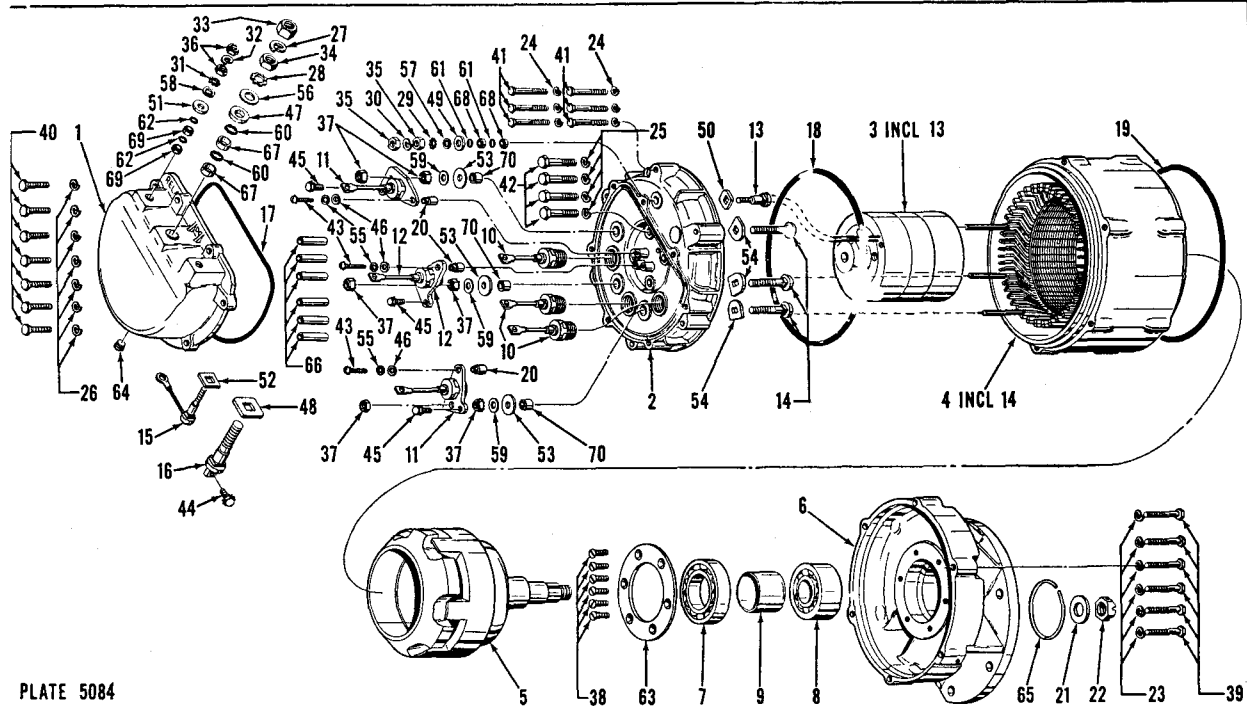


PLATE 5084

Illustrations are of Typical Parts only. For parts not illustrated or in columns see Minor Parts Section.

Model No.	Diode — & Bracket	Term. Stud — Field	Term. Stud — Stator	Term. Stud — Relay	Term. Stud — D.C.	"O" Ring — Cover	"O" Ring — Stator	"O" Ring — D.E.	*Spacer — Bracket	Washer — Shaft	Nut — Shaft
	12	13	14	15	16	17	18	19	20	21	22
1117661	1964015	1965248	1941036	1942421	1965247	1942423	1941057	1941057	+1943668	1942422	1878833
1117663	1953025	"	"	"	"	"	"	"	"	"	"
1117664	"	"	"	"	"	"	"	"	"	"	"
1117665	1964015	"	"	"	"	"	"	"	"	"	"
1117667	"	"	"	"	"	"	"	"	1952193	"	"
1117668	1953025	"	"	"	"	"	"	"	"	"	"
1117669	"	"	"	"	"	"	"	"	"	"	"
1117670	1967103	"	"	"	"	"	"	"	"	1911995	9417380
1117672	"	"	"	"	"	"	"	"	"	"	"
1117673	"	"	1958933	"	"	"	"	"	"	"	"
1117674	1953025	"	1941036	1942421	1965247	1942423	"	1941057	1952193	1911116	9432320
1117675	"	"	1958933	"	1963291	"	"	"	"	1911995	9417380
1117677	1967103	"	1941036	1942421	1965247	1942423	1941057	1941057	1952193	1942422	1878833
1117678	"	"	"	"	"	"	"	"	"	"	"
1117679	"	"	1958933	"	1963291	"	"	"	"	1911995	9417380
1117680	1967103	"	1941036	1942421	1965247	1942423	1941057	1941057	1952193	"	"
1117681	1967036	"	"	"	1967038	x1967037	"	"	"	1911116	9432320
1117682	"	"	"	"	"	x	"	"	"	"	"
1117683	"	"	"	"	"	x	"	1958286	"	1911995	9417380
1117684	"	"	"	"	"	x	"	"	"	1911116	9432320
1117686	"	"	1958933	"	1963291	"	"	"	"	"	9417380

*Later units use 1952193 Mtg. Stud Assem. and 1954711 Spacer.

°Heat Sink Bracket only is Part No. 1941058. For 11" Dia. Diode Mtg. hole; Later design (Stud Mtg.) with 11" Dia. hole requires 1967083.

†Assembly not sold—Diode Part No. 1967035 and Bracket No. is 1967036.

xFor End Cover Plate.

MINOR PARTS SECTION

NOTE: Most screws, bolts, nuts, lockwashers, woodruff keys, and cotter pins are Standard Hardware items and are not available from Delco-Remy. Refer to Standard Hardware sheets in catalog miscellaneous section for dimensions and description.

Illus. No.	Name	Part No.	Used On Models
LOCK WASHERS			
—	Lock Washer—Ball Bearing Retainer Attach. (Outer)	9421423	1117672-3-5-9; 86
—	Lock Washer—Bus Bar Plate Attach.	453435	1117673-5-9; 86
—	Lock Washer—Condenser Attaching	453844	1117673
23	Lock Washer—D.E. Frame Attaching Screw	9421423	1117661-3-4-5-7-8-9; 70-2-4-7-8-9; 80-1-2-3-4
—	Lock Washer—Diode Attach. to D.E. Term.	453294	1117679
24	Lock Washer—Diode Frame Attaching Screw	9421423	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
—	Lock Washer—End Frame Attach. ($\frac{3}{8}$)	9421425	1117673-5-9; 86
—	Lock Washer—End Frame Attach. ($\frac{1}{4}$)	9421423	1117673-5-9; 86
25	Lock Washer—Field Attaching Screw	9421425	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
—	Lock Washer—Field & A.C. Terminal (Ext. Tooth) ..	453475	1117686
—	Lock Washer—Diode Bracket Attach. Screw	453435	1117678-5-9
26	Lock Washer—Diode End Cover Attaching Screw	9421423	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
26	Lock Washer—Diode End Cover Attach. Screw	453435	1117675; 86
—	Lock Washer—Diode Heat Sink Attach.	453435	1117686
—	Lock Washer—Diode Support Bracket Nut	455849	1117667-8-9; 70-2-4-7-8-9; 80-1-2-3-4
—	Lock Washer—Ground Terminal	9421425	1117673-5-9; 86
—	Lock Washer—Housing—Term. Shield	9421423	1117673
—	Lock Washer—Negative Diode Attach. to Bus Bar ..	453474	1117673-5-9; 86
—	Lock Washer—Neg. Diode Attaching to D.C. Term. ..	9421423	1117675; 86
—	Lock Washer—Pos. Diode Attaching	9421423	1117673-5; 86
—	Lock Washer—Receptacle Attaching	9421421	1117673
—	Lock Washer—Stator Terminal	453790	1117686
—	Lock Washer—Terminal—A.C. ($\frac{1}{4}$)	453790	1117679
—	Lock Washer—Terminal—A.C. ($\frac{1}{4}$)	9421423	1117675; 86
—	Lock Washer—Terminal—A.C. (External Tooth)	138484	1117675
27	Lock Washer—Terminal—D.C. (Spring Type)	9421427	1117661-3-4-5-7-8-9; 70-2-4-5-7-8-9; 80-1-2-3-4-6
28	Lock Washer—Terminal—D.C. (External Tooth) ...	9427864	1117661-3-4-5-7-8-9; 70-2-4-5-7-8-9; 80-1-2-3-4-6
—	Lock Washer—Terminal—(External Tooth)	138489	1117679
29	Lock Washer—Terminal—Field (External Tooth) ...	138484	1117661-3-4-5-7-8-9; 70-2-3-4-5-7-8-9; 80-1-2-3-4
30	Lock Washer—Terminal—Field (Spring Type)	9421423	1117661-3-4-5-7-8-9; 70-2-3-4-5-7-8-9; 80-1-2-3-4-6
—	Lock Washer—Term. Hsg. Cover Plate	453844	1117673
31	Lock Washer—Terminal—Relay (External Tooth) ...	138484	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
32	Lock Washer—Terminal—Relay (Spring Type)	9421423	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
NUTS			
—	Nut—Diode Support Bracket Attach.	112432	1117662-4-7-8; 80-1-2-3-4
—	Nut—Diode Support Bracket Attach.	453433	1117667-8-9; 70
—	Nut—Field & A.C. Terminal	453326	1117686
—	Nut—Ground Terminal	451721	1117673-5-9; 86
—	Nut—Terminal—A.C.	142247	1117675
—	Nut—Terminal—A.C.	451721	1117679
33	Nut—Terminal—D.C. ($\frac{1}{8}$ thick)	454330	1117661-3-4-5-7-8-9; 70-2-4-5-7-8-9; 80-1-2-3-4-6
34	Nut—Terminal—D.C. ($\frac{1}{8}$ thick)	454331	1117661-3-4-5-7-8-9; 70-2-4-5-7-8-9; 80-1-2-3-4-6
35	Nut—Terminal—Field	142247	1117661-3-4-5-7-8-9; 70-2-3-4-7-8-9; 80-1-2-3
35	Nut—Terminal—Field	453326	1117684-6
36	Nut—Terminal—Relay	142247	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3
36	Nut—Terminal Stud—Relay	453326	1117684
37	Nut (& Lock Washer)—Terminal—Stator	1945422	1117661-3-4-5-7-8-9; 70-2-3-4-5-7-8-9; 80-1-2-3-4
—	Nut (& Washer)—Diode Attaching	1967039	1117677-8; 80-1-2-3-4
—	Nut—Stator Terminal	451721	1117686
SCREWS			
—	Screw—Ball Bearing Retainer—D.E. (Outer)	453343	1117686
—	Screw—Ball Bearing Retainer—D.E. (Outer)	9427863	1117672-3-5-9
38	Screw—Bearing Retainer Plate Attaching	120585	1117661-3-4-5-7-8-9; 70-2-3-4-5-7-8-9; 80-1-2-3-4-6
—	Screw—Bus Bar Plate Attaching	9413363	1117673-5-9; 86
—	Screw—Condenser Attaching	453804	1117673

Parts not listed in this catalog will not be sold separately.

MINOR PARTS SECTION

NOTE: Most screws, bolts, nuts, lockwashers, woodruff keys, and cotter pins are Standard Hardware items and are not available from Delco-Remy. Refer to Standard Hardware sheets in catalog miscellaneous section for dimensions and description.

Illus. No.	Name	Part No.	Used On Models
SCREWS—(Continued)			
39	Screw—D.E. Frame Attaching -----	9427866	1117661-3-4-5-7-8-9; 70-2-3-4-7-8; 80-1-2-3-4-6
—	Screw—Diode Attaching to D.E. Term. -----	120706	1117679
—	Screw—Diode Attach. to Bus Bar -----	454443	1117679
—	Screw—Diode Bracket Attaching -----	9413249	1117673-5-9
40	Screw—Diode End Cover Plate Attach. -----	453343	1117681-2-3-4
40	Screw—Diode End Cover Attaching -----	454443	1117675; 86
40	Screw—Diode End Cover Attaching -----	1915145	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80
41	Screw—Diode End Frame Attach. -----	9427866	1117686
41	Screw—Diode Frame Attaching -----	121954	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
—	Screw—End Frame Attaching ($\frac{3}{8}$ 24x2") -----	120678	1117673-5-9
—	Screw—End Frame Attaching -----	9427862	1117686
—	Screw—End Frame Attaching ($1\frac{1}{8}$ length) -----	9427865	1117673-5-9; 86
—	Screw—Diode Heat Sink Attach. -----	9413249	1117686
42	Screw—Field Attaching -----	9427862	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3
42	Screw—Field Attaching -----	181379	1117684
—	Screw—Housing Term. Shield -----	453343	1117673
—	Screw—Neg. Diode Attach. to Bus Bar -----	178451	1117673-5
—	Screw—Neg. Diode Attach. to Bus Bar ($10-32 \times \frac{3}{8}$) -----	454443	1117686
—	Screw—Neg. Diode Attach. to D.C. Term. -----	453343	1117675; 86
—	Screw—Pos. Diode Attach. -----	9427129	1117673-5-9; 86
—	Screw—Receptacle Attach. -----	1878516	1117673
—	Screw—Term. Hsg. Cover Plate -----	121841	1117673
43	Screw—(& Lock Washer)—Diode Support Bracket Attaching -----	424154	1117661-3-4-5
44	Screw—(& Lock Washer)—Diode Lead Attach. to D.C. Terminal -----	423336	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
45	Screw—(& Lock Washer)—Diode Lead Attach. to Support Plate -----	423336	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
WASHERS			
—	Washer—Insul.—A.C. Terminal (Square Hole) -----	1928201	1117675; 86
—	Washer—Ins.—A.C. Terminal -----	1922457	1117679
—	Washer—Insul. Diode Bracket Attach. -----	1856056	1117673-5-9; 86
46	Washer—Insul.—Diode Support Brkt. Attach. Screw -----	1910572	1117661-3-4-5; 73-5-9
—	Washer—Insul. Diode Heat Sink Attach. -----	1910572	1117686
47	Washer—Insul.—D.C. Terminal ($\frac{1}{8}$ " O.D.) -----	1907474	1117661-3-4-5-7-8-9; 70-2-4-5-7-8; 80
47	Washer—Insul.—D.C. Terminal ($\frac{1}{8}$ " O.D.) -----	1922457	1117681-2-3-4-6
48	Washer—Insul.—D.C. Terminal ($1\frac{1}{8}$ " sq.) -----	+	1117661-3-4-5-7-8-9; 70-2-4-5-7-8-9; 80
48	Washer—Insul.—D.C. Terminal (Sq. $1\frac{1}{8}$ " O.D.) -----	1952196	1117686
48	Washer—Insul.—D.C. Terminal -----	0	1117681-2-3-4
49	Washer—Insul.—Field Terminal ($\frac{3}{4}$ " O.D.) -----	1902746	1117661-3-4-5-7-8-9; 70-2-3-4-5-7-8-9; 80-1-2-3-4-6
50	Washer—Insul.—Field Terminal ($\frac{3}{8}$ " sq.) -----	□	1117661-3-4-5; 73-5; 86
—	Washer—Insul.—Field Terminal (Half Round) -----	1928201	1117686
51	Washer—Insul.—Relay Terminal ($\frac{3}{4}$ " O.D.) -----	1902746	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
52	Washer—Insul.—Relay Terminal ($\frac{3}{8}$ " O.D.) -----	x	1117661-3-4-5; 84
53	Washer—Insul.—Stator Terminal (1" O.D.) -----	1941049	1117661-3-4-5
54	Washer—Insul.—Stator Terminal (Square Hole) -----	1941051	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
55	Washer—Plain—Diode Support Brkt. Attach. Screw -----	1856056	1117673-5-9
55	Washer—Plain—Diode Support Brkt. Attach. Screw -----	1914472	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
—	Washer—Plain—A.C. Term. ($\frac{5}{8}$ O.D.) -----	1905125	1117675; 86
—	Washer—Plain—A.C. Term. -----	1905154	1117679
—	Washer—Plain—A.C. Term. (Round Hole) -----	1913959	1117675; 86
56	Washer—Plain—D.C. Terminal -----	30205	1117661-3-4-5-7-8-9; 70-2-4-5-7-8-9; 80-1-2-3-4-6
57	Washer—Plain—Field Terminal -----	1905125	1117661-3-4-5-7-8-9; 70-2-3-4-5-7-8-9; 80-1-2-3-4-6
58	Washer—Plain—Relay Terminal -----	1905125	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
59	Washer—Plain—Stator Terminal -----	1905154	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
MISCELLANEOUS			
—	BOLT—D.E. Frame Attach ($\frac{1}{4}$ 20x2") -----	121954	1117675-9
—	BOLT—D.E. Frame Attach ($\frac{1}{4}$ 20x5") -----	273869	1117673-5-9
—	BOLT—Hub—Pulley -----	1910786	1117672
—	BUSHING—Hinge Mtg.—D.E. -----	1958942	1117673-9
—	BUSHING—Ins.—D.C. Terminal -----	+	1117661-3-4-5-7-8-9; 70-2-4-5-7-8-9; 80
—	BUSHING—Ins. Field Terminal ($\frac{1}{8}$ Squire) -----	□	1117667-8-9; 70-2-4-7-8-9; 80

Parts not listed in this catalog will not be sold separately.

MINOR PARTS SECTION

Illus. No.	Name	Part No.	Used On Models
	MISCELLANEOUS—(Continued)		
—	BUSHING—Ins.—Stator Terminal (1" O.D.) -----	1952212	1117667-8-9; 70-2-4-7-8; 80-1-2-3-4
—	BUSHING—Ins.—Terminal Stud—Relay -----	x	1117667-8-9; 70-2-4-7-8; 80-4
—	BUSHING—Mounting Hinge—D.E. -----	1963387	1117675
—	BUSHING—Terminal—A.C. -----	1905683	1117675; 86
—	BUSHING—Terminal—A.C. -----	1909912	1117679
—	BUS BAR -----	1958873	1117673
—	BUS BAR -----	1963287	1117675; 86
—	BUS BAR—To D.C. Term.—Neg. -----	1964217	1117679
—	BUS BAR—To D.C. Term.—Pos. -----	1964216	1117679
—	CLAMP—Ball Bearing (Outer)—Rubber -----	1941052	All
—	COLLAR—Taper—Pulley Hub -----	1911275	1117672; 80-3
—	CONDENSER -----	1958956	1117673
—	CONNECTOR—Diode to Condenser -----	1958957	1117673
—	CONNECTOR—Strap—Battery to Ground -----	1964362	1117679
—	GASKET—Ball Bearing Retainer (Outer) -----	1909965	1117673-5-9; 86
—	GASKET—Ball Bearing Retainer—D.E. (Outer) -----	1956313	1117672; 80-3
—	HOUSING—Terminal Shield -----	1958958	1117673
—	HUB—Pulley -----	1911502	1117680-3
—	HUB—Pulley -----	1920868	1117672
—	INSULATOR—Bus Bar Plate -----	1964158	1117673-5-9; 86
—	INSULATOR (3 Hole)—A.C. Terminals -----	1964159	1117679
—	LEAD & CLIP—Field Term. to Receptacle -----	1958960	1117673
60	"O" RING—D.C. Terminal -----	1941043	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
61	"O" RING—Field Terminal -----	1941041	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
62	"O" RING—Relay Terminal -----	1941041	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
—	PLATE—Bus Bar Clamping -----	1964160	1117673-5-9; 86
—	PLATE—Terminal Housing Cover -----	1958955	1117673
63	PLATE—Retainer—Bearing D.E. -----	1941060	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
63	PLATE—Retainer Ball Bearing—D.E. (Outer) -----	1956310	1117672; 80-3
64	PLUG—Pipe—Diode End Cover -----	113175	1117661-3-4-5-7-8-9; 70-2-7-8; 80
64	PLUG—Pipe—Diode End Cover -----	127951	1117681-2-3-4
64	PLUG—Pipe—Diode End Cover -----	9427882	1117674
—	RECEPTACLE—Terminal -----	1958954	1117673
—	RETAINER—Ball Bearing (Inner) -----	1958938	1117675-9; 86
—	RETAINER & SEAL—Ball Bearing (Outer) -----	1909958	1117673-5-9; 86
—	SEAL—"O" Ring—Rotor Shaft—D.E. -----	1958286	1117672; 80-3
—	SEAL—Oil—Ball Bearing (Outer) -----	1939798	1117673-5-9; 86
—	SEAL—Oil—Ball Brg. Retainer—D.E. (Outer) -----	1956312	1117672; 80-3
—	SLEEVE—Bracket—Diode Attach. -----	1958945	1117673-5-9; 86
66	SLEEVE—Insul.—Diode -----	1941042	1117661-3-4-5-7; 70-3-4-5-7-8-9; 80
67	SLEEVE—Insul. D.C. Terminal (Lower) -----	*	1117661-3-4-5-7-8-9; 70-2-4-7-8-9; 80-6
67	SLEEVE—Insul. D.C. Terminal (Upper) -----	1941055	1117661-3-4-5-7-8-9; 70-2-4-5-7-8-9; 80-1-2-3-4-6
68	SLEEVE—Insul. Field Terminal (Lower) -----	□	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80
68	SLEEVE—Insul. Field Terminal (Upper) -----	1941039	1117661-3-4-5-7-8-9; 70-2-4-5-7-8; 80-1-2-3
68	SLEEVE—Insul. Field Terminal -----	1958931	1117673-5; 84
69	SLEEVE—Insul. Relay Terminal (Lower) -----	x	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80
69	SLEEVE—Insul. Relay Terminal (Upper) -----	1941039	1117661-3-4-5-7-8-9; 70-2-4-7-8; 80-1-2-3-4
70	SLEEVE—Insul.—Stator Terminal -----	*1941050	1117661-3-4-5
—	SPACER—D.E. Pulley Hub -----	1956314	1117672
—	SPACER—Diode Support Bracket -----	1954711	1117677-8-9; 80-1-2-3-4
—	SPACER—Shaft (Outer) -----	1958944	1117675-9; 86
—	TERMINAL & CLIP Assem.—A.C. -----	1963284	1117675; 86
—	TERMINAL—Ground -----	1881086	1117673-5-9; 86
—	TERMINAL & CLIP Assem.—A.C. #1 -----	1964146	1117679
—	TERMINAL & CLIP Assem.—A.C. #2 -----	1964153	1117679
—	TERMINAL & CLIP Assem.—A.C. #3 -----	1964151	1117679

*Later units use 1952212 Bushing which services both Illus. No. 53 and 70.

°Later units with Stud Mounting use 112432 Nut and 455849 Lock Washer + 1914472 Plain Washer.

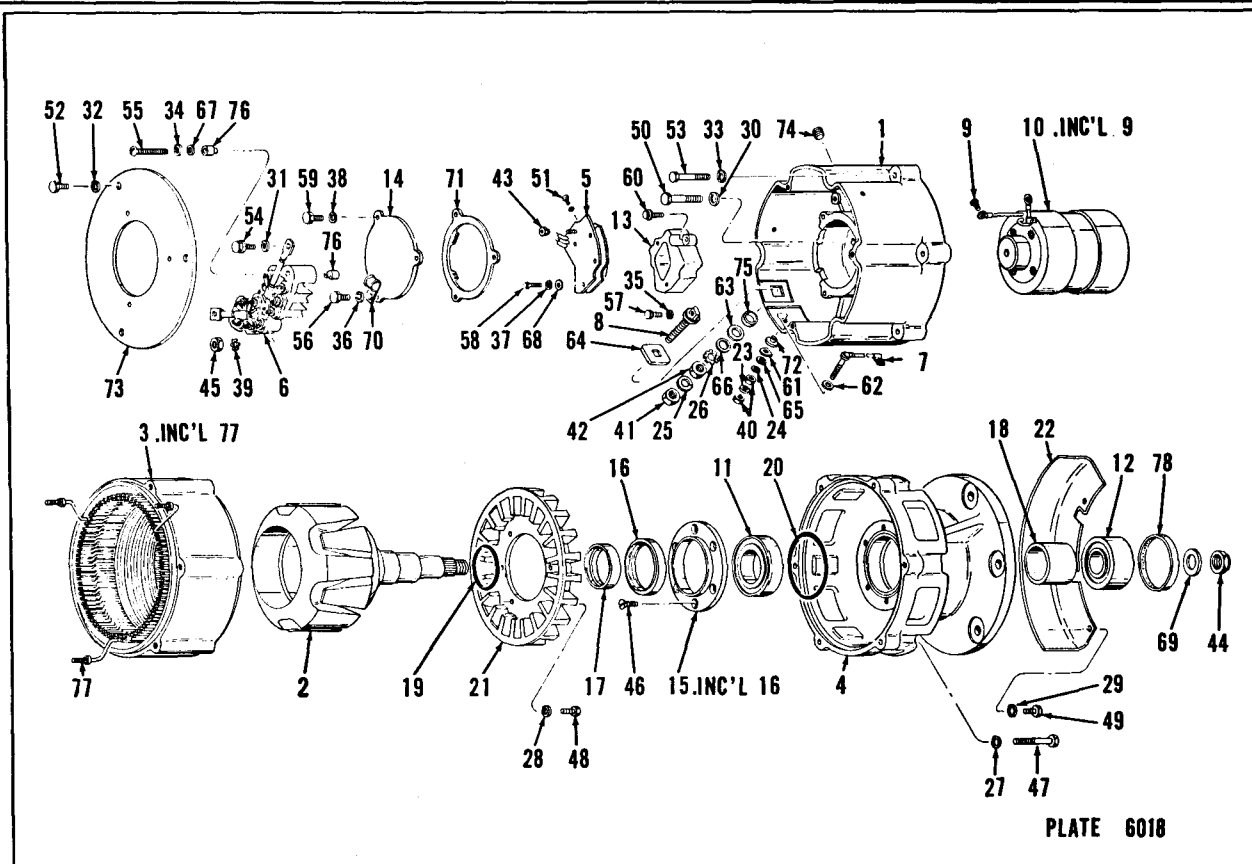
Parts coded to footnotes listed below are no longer serviceable due to design changes. For replacement order as shown:

*Order 1942421 Terminal (Includes Insulator)

°Order 1965248 Terminal (Includes Insulator)

*Order 1965247 Terminal (Includes Insulator)

°Order 1967038 Terminal (Includes Insulator)

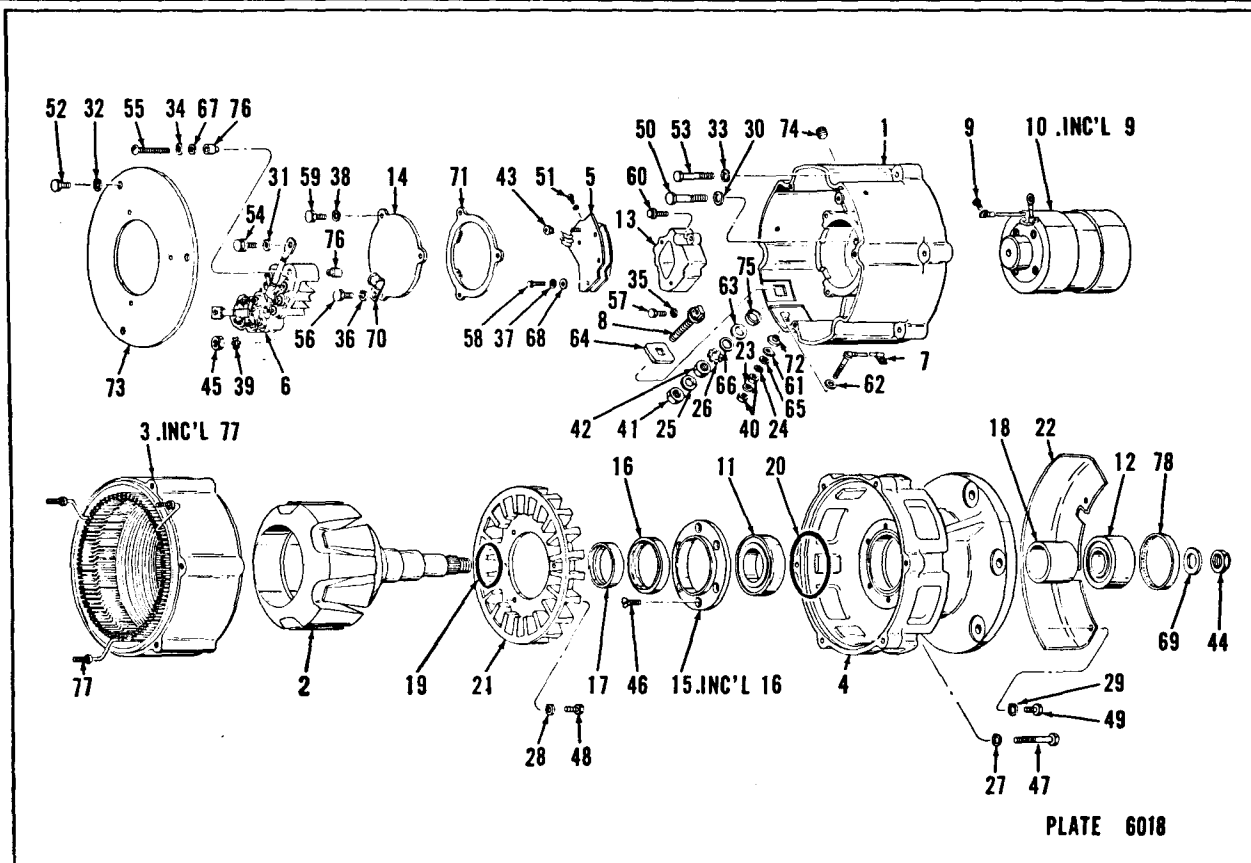


Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

Model No.	Frame — Rectifier End	Rotor — Assem.	Stator — Assem.	Frame — D.E.	Regulator —	Rectifier — Assem.	Term. Stud — A.C.	Term. Stud — D.C.	Term. Stud — Field	Field — Assem.	Bearing — D.E. Inner
	1	2	3	4	5	6	7	8	9	10	11
1117685.....	1971055	1971063	1971057	1971052	.....	1971071	1963284	1963291	1908248	1971067	903209
1117687.....	1846442	"	"	"	1846444	"	"	"	.....	1846435	"

*A General Motors Trademark

Delco-Remy
SERVICE PARTS CATALOG



Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

Model No.	Bearing — D.E. Outer	Mounting Block — Regulator	Cover Plate — Regulator	Retainer Plate — Bearing	Seal — Retainer Plate Bearing	Collar — D.E.	Spacer — D.E.	"O" Ring —	"O" Ring —	Fan —	Guard — Fan
	12	13	14	15	16	17	18	19	20	21	22
1117685	954533			800639	800623	1971086	1941056	800593	1971090	1971065	1971070
1117687	"	1846433	1846451	"	"	"	"	"	"	"	"

Revised to April 1, 1971

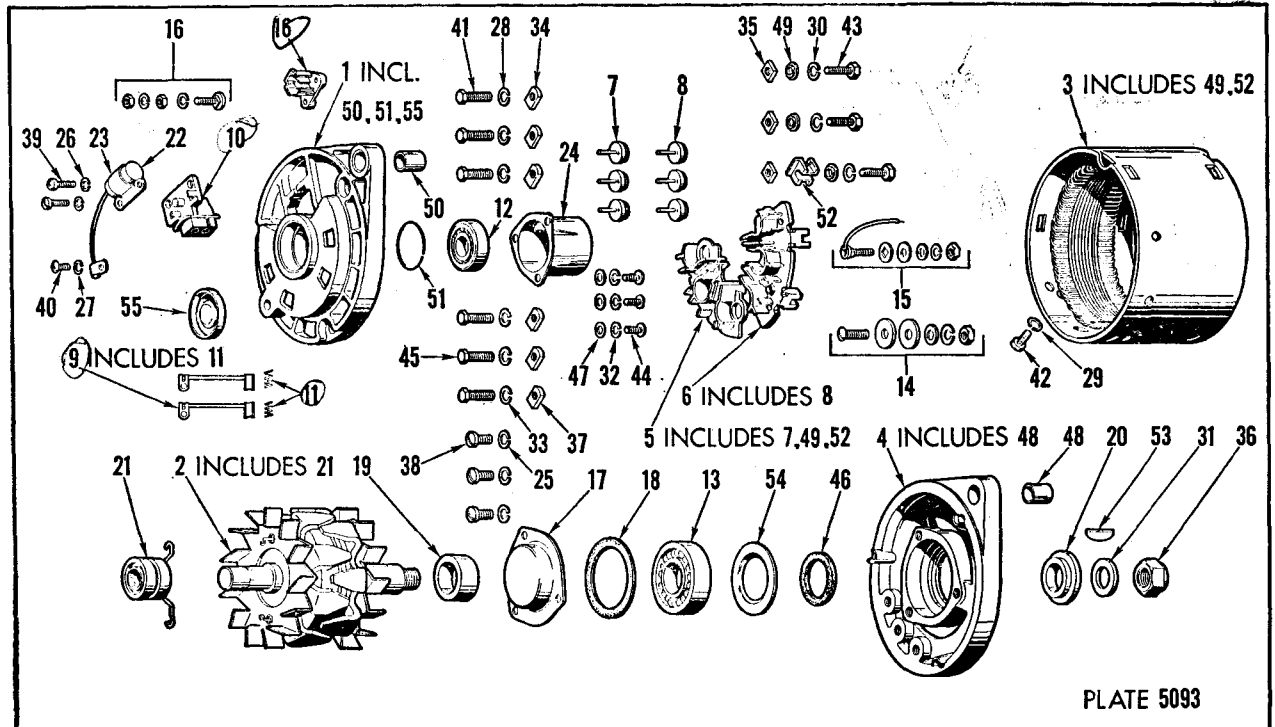
SERVICE PARTS CATALOG

MINOR PARTS SECTION

NOTE: Most screws, bolts, nuts, lock washers, woodruff keys, and cotter pins are Standard Hardware items and are not available from Delco-Remy. Refer to Standard Hardware sheets in catalog miscellaneous section for dimensions and description.

Illus. No.	Name	Part No.	Used On Models
LOCK WASHERS			
23	Lock Washer—(Split)—A.C. & Field Terminal.....	9421423	All
24	Lock Washer—(Ext. Tooth) A.C. & Field Term.....	453475	All
25	Lock Washer—(Split)—D.C. Terminal.....	9421427	All
26	Lock Washer—(Ext. Tooth)—D.C. Term.....	9427864	All
27	Lock Washer—D.E. Frame Attach. Screw.....	9421423	All
28	Lock Washer—Fan Attach. Screw.....	9421423	All
29	Lock Washer—Fan Guard Attach. Screw.....	9421423	All
30	Lock Washer—Field Assem. Attach. Screw.....	9421425	All
31	Lock Washer—Ground Lead Attach. Screw.....	9421423	All
32	Lock Washer—Rect. End Cover Plate Attach Screw.....	9421423	All
33	Lock Washer—Rect. End Frame Attach. Screw.....	9421423	All
34	Lock Washer—Rect. & Heat Sink Assem. Att. Screw.....	453435	All
35	Lock Washer—Rect. Lead to D.C. Term. Att. Screw.....	9421423	All
36	Lock Washer—Rect. Lead Clamp Attach Screw.....	9421423	All
37	Lock Washer—Regulator Attach. Screw.....	453844	1117687
38	Lock Washer—Reg. Cover Plate Attach. Screw.....	9421423	1117687
39	Lock Washer—Stator Term. Nut.....	453790	All
NUTS			
40	Nut—A.C. & Field Terminal.....	453326	All
41	Nut—D.C. Terminal ($\frac{1}{16}$ " thick).....	454330	All
42	Nut—D.C. Terminal ($\frac{1}{8}$ " thick).....	454331	All
43	Nut—(& Lock Washer)—Field Lead to Reg.....	1851808	1117687
44	Nut—Shaft D.E.....	9432320	All
45	Nut—Stator Terminal.....	451721	All
SCREWS			
46	Screw—Bearing Retainer Plate Attach.....	120585	All
47	Screw—D.E. Frame Attach.....	9427866	All
48	Screw—Fan Attach.....	273656	All
49	Screw—Fan Guard Attach.....	273656	All
50	Screw—Field Assem. Attach.....	9427862	All
51	Screw—(& Lock Washer)—Fld. Lead to Reg. Attach.....	1961570	1117687
52	Screw—Rect. End Cover Plate Attach.....	453343	All
53	Screw—Rect. End Frame Attach.....	9427866	All
54	Screw—Rect. Ground Lead Attach.....	9427129	All
55	Screw—Rect. & Heat Sink Assem. Attach.....	132938	All
56	Screw—Rect. Lead Clamp Attach.....	453343	All
57	Screw—Rect. Lead to D.C. Term. Attach.....	453343	All
58	Screw—Regulator Attach.....	1970397	1117687
59	Screw—Regulator Cover Plate Attach.....	453343	1117687
60	Screw—(& Lock Washer)—Reg. Mtg. Block Attach.....	1846956	1117687
WASHERS			
61	Washer—Insul. ($\frac{3}{4}$ " O.D. Half Round) A.C. Fld. Term.....	1928201	All
62	Washer—Insul. ($\frac{3}{4}$ " O.D. Round) A.C. & Fld. Term.....	1913959	All
63	Washer—Insul. ($\frac{1}{8}$ " O.D.)—D.C. Term.....	1922457	All
64	Washer (Bushing)—D.C. Term.....	1952196	All
65	Washer—Plain—A.C. & Field Term.....	1905125	All
66	Washer—Plain—D.C. Term.....	30205	All
67	Washer—Plain—Rect. & Heat Sink Assem. Att. Screw.....	1856056	All
68	Washer—Plain—Regulator Attach. Screw.....	1882267	1117687
69	Washer—Shaft Nut—D.E.....	1911116	All
MISCELLANEOUS			
70	CLAMP—Rect. Leads.....	120526	All
71	GASKET—Regulator Cover Plate.....	1846450	1117687
72	INSULATION—(Sleeve)—A.C. & Field Term.....	1905683	All
73	PLATE—Rect. End Cover.....	1971085	All
74	PLUG—PIPE—Voltage Adjust Access.....	9427882	1117687
75	SLEEVE—Insul. ($\frac{3}{4}$ " O. D.)—D.C. Term.....	1941055	All
76	SLEEVE—Rect. & Heat Sink Assem. Attach. Screw.....	1846584	All
77	STUD—Stator Term.....	1958933	All
78	RING—D.E. Bearing Tolerance.....	1971087	All

Parts not listed in this Catalog will not be sold separately.

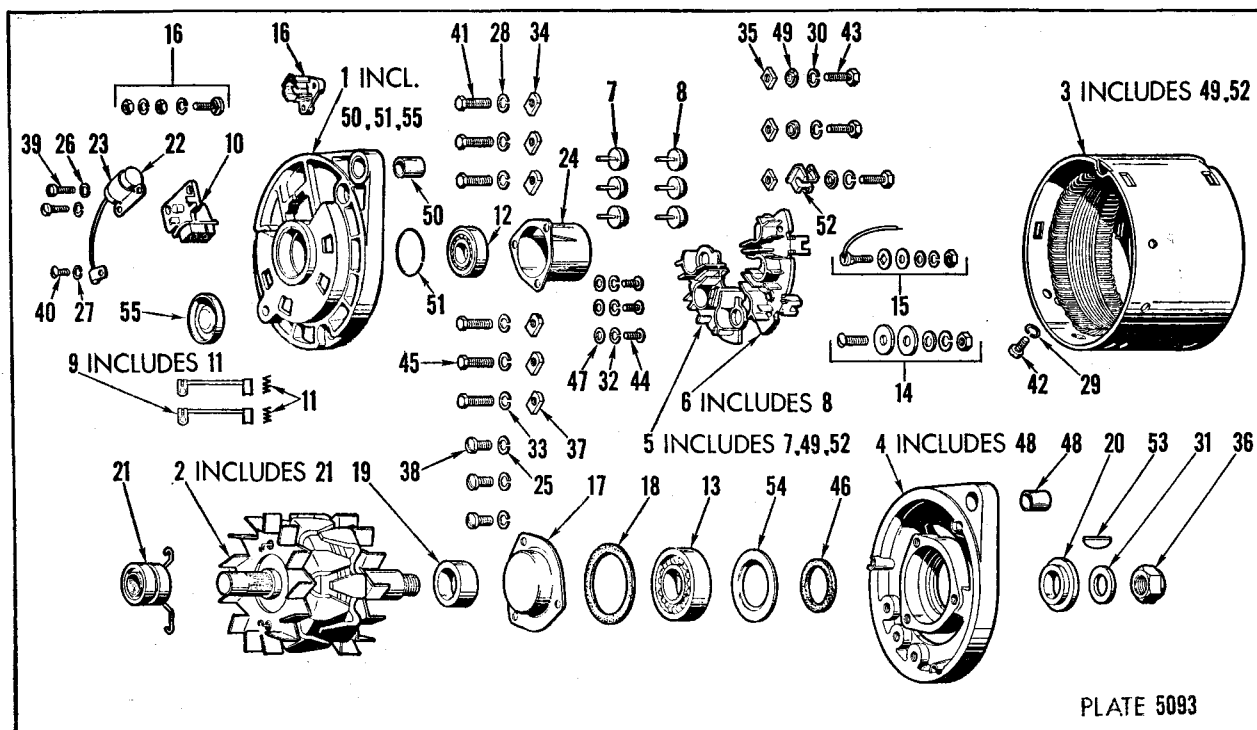


Illustrations are of Typical Parts only. For parts not illustrated or in columns see Minor Parts Section.

Model No.	Frame S.R.E.	Rotor Assem.	Stator Assem.	Frame D.E.	Positive Heat Sink Assem.	Negative Heat Sink Assem.	Diode Positive	Diode Negative	Brush Pkg.	Holder Brush	Spring Brush	Ball Bearing S.R.E.
	1	2	3	4	5	6	7	8	9	10	11	12
1117750.....	1955545	1955497	1958822	1955492	1958823	1958824	1958825	1958826	1958827	x1955517	1964117	905429
1117752.....	"	1955619	1958821	"	"	"	"	"	"	x	"	"
1117753.....	1950674	1955651	"	1961866	"	"	"	"	"	x	"	"
1117754.....	"	1955679	1958822	"	"	"	"	"	"	x	"	"
1117760.....	"	1955651	1958821	"	"	"	"	"	"	x	"	"
1117761.....	"	1955679	1958822	"	"	"	"	"	"	x	"	"
1117765.....	1955545	1955497	"	1955492	"	"	"	"	"	x	"	"
1117767.....	1950674	1955679	"	1961866	"	"	"	"	"	x	"	"
1117780.....	1970012	1970016	1958821	"	"	"	"	"	"	x	"	"
1117782.....	1950674	1955679	1958822	"	"	"	"	"	"	1961890	"	"
1117787.....	1970012	801873	"	"	"	"	"	"	"	x1955517	"	"

* For Replacement See Footnote Page 3.

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Illustrations are of Typical Parts only. For parts not illustrated or in columns see Minor Parts Section.

Model No.	Ball Bearing — D.E.	Terminal Pkg. — Battery	Terminal Pkg. — F-1 & Relay	Adapter — Field	Brg. Retainer — Assem.	Gasket	Collar — Inside	Collar — Outside	Ring — Slip	Capacitor	Bracket Capacitor	Cover Slip Ring
	13	14	15	16	17	18	19	20	21	22	23	24
1117750.....	907354	1958828	x	x	1944964	1945070	1955490	1956856	1955412	1961891	1956279	—
1117752.....	"	"	x	x	"	"	"	"	"	"	"	—
1117753.....	907356	"	x	x	1961867	1955663	1955650	1955649	"	"	"	1955667
1117754.....	"	"	x	x	"	"	"	"	"	"	"	"
1117760.....	"	"	x	x	"	"	"	"	"	"	"	"
1117761.....	"	"	x	x	"	"	"	"	"	"	"	"
1117765.....	907354	"	x	x	1944964	1945070	1955490	1956856	"	"	"	—
1117767.....	907356	800349	x	x	1961867	1955663	1955650	1955649	"	□	□	1955667
1117780.....	"	1958828	x	x	"	"	"	"	"	"	"	"
1117782.....	"	1970470	x	1961803	"	"	1961809	1961870	"	1961891	"	"
1117787.....	"	1958828	x	x	"	"	"	"	"	"	"	"

* For replacement See Footnote Page 3.

□ Order Part No. 1964053 package.

MINOR PARTS SECTION

NOTE: Most screws, bolts, nuts, lockwashers, woodruff keys, and cotter pins are Standard Hardware items and are not available from Delco-Remy. Refer to Standard Hardware sheets in catalog miscellaneous section for dimensions and description.

Illus. No.	Name	Part No.	Used on Models
LOCKWASHERS			
25	Lock Washer—Brg. Retainer Attaching Screw	1962276	All
26	Lock Washer—Adapter Attaching Screw	*453844	All
—	Lock Washer—Battery Terminal	9421423	1117767
—	Lock Washer—Battery Terminal (1/4 Spring)	9421423	1117767
—	Lock Washer—Battery Terminal Lead Screw	453435	1117767
—	Lock Washer—Capacitor Bracket Attach. Screw	453844	1117767
—	Lock Washer—Capacitor Bracket Attach. Screw	456413	1117780
27	Lock Washer—Capacitor Lead Attaching Screw	453435	1117781-2
27	Lock Washer—Capacitor Lead Attaching Screw	453844	All except 1117782
28	Lock Washer—D.E. Frame Attaching Screw	9421423	All
29	Lock Washer—Ground Screw	453435	1117750-2-4; 61-5-7; 81-2-7
30	Lock Washer—Heat Sink Attaching Screw	1914579	All
31	Lock Washer—Shaft Nut—D.E.	1905406	1117753-4; 60-1-7; 81-2-7
31	Lock Washer—Shaft Nut—D.E.	1941978	1117750-2; 65
32	Lock Washer—Slip Ring Cover Attaching Screw	453844	1117753-4; 60-1-7; 81-2
33	Lock Washer—S.R.E. Frame Attaching Screw	9421423	All
NUTS			
—	Nut—Battery Terminal	134551	1117767
34	Nut—D.E. Frame Attaching Screw	1961871	All
35	Nut—Heat Sink (Grounded) Attaching Screw	1961878	All
35	Nut—Heat Sink (Insulated) Attaching Screw	9418915	All
36	Nut—Shaft—D.E.	9418881	1117753-4; 60-1-7; 81-2-7
36	Nut—Shaft—D.E.	1961271	1117750-2; 65; 87
37	Nut—S.R.E. Frame Attaching Screw	1961871	All
SCREWS			
—	Screw—Battery Ground Lead Attaching	145587	1117767
—	Screw (& Lockwasher)—Battery Term. Lead Attach.	1971964	1117767
38	Screw—Brg. Retainer Attaching—D.E.	132900	1117782
38	Screw (& Lockwasher)—Brg. Retainer Attach—D.E.	453661	1117787
38	Screw—Brg. Retainer Attaching—D.E.	453468	All except 1117782
39	Screw—Adapter Attaching	*454786	All
—	Screw—Capacitor Bracket Attaching	453647	1117767
—	Screw—Capacitor Bracket Attaching	454329	1117780
40	Screw (& Lockwasher)—Capacitor Lead Attach.	1971964	All
41	Screw—D.E. Frame Attaching	1961965	All
42	Screw—Ground	453282	1117750-2-4; 61-5-7; 81-2-7
43	Screw—Heat Sink Attaching	9418913	All
44	Screw—Slip Ring Cover Attaching	453849	1117753-4; 60-1-7; 81-2-7
45	Screw—S.R.E. Frame Attaching	1961965	All
WASHERS			
46	Washer—Felt—D.E.	809961	1117750-2; 65
46	Washer—Felt—D.E.	1955660	1117753-4; 60-1-7; 81-2-7
—	Washer—Insul.—Battery Terminal	1941044	1117767
47	Washer—Plain—Slip Ring Cover Attaching Screw	810794	1117753-4; 60-1-7; 81-2-7
—	Washer—Plain (Round Hole)—Batt. Term.	1905125	1117767
—	Washer—Plain (Square Hole)—Batt. Term.	1962214	1117767
MISCELLANEOUS			
48	BUSHING—D.E. Frame Mtg. Hinge	1961872	1117753-4; 60-1-7; 81-2-7
48	BUSHING—D.E. Frame Mtg. Hinge	1957249	1117750-2; 65
49	BUSHING—Insulating—Heat Sink Attach. Screw	1961877	All
50	BUSHING—S.R.E.—Frame Mtg. Hinge	1955547	1117750-2; 65

* If unit is NOT improved design (identified by color of molded terminal adapter — improved units have brown adapter & early units had clear plastic adapter); Package No. 1962608 must be ordered. If unit IS improved design order from parts listed below.

Illus. No.	Name	Part No.	Illus. No.	Name	Part No.
10	Brush Holder	1961890	—	Lockwasher—Term. Screw	45384
15	Terminal Screw	1956030	—	Lockwasher—Adapter Spacing Stud	45384
16	Adapter	1961803	—	Nut—Terminal Screw	12062
—	Term. Blade "F-1"	1961887	39	Screw—Adapter Attaching	45432
—	Term. Blade "R"	1961888	—	Washer—Plain—Adapter Spacing Stud	191308
—	Stud—Adapter Spacing	1961889	—	Washer—Plain—Adapter Attach. Screw	191884
26	Lockwasher—Adapter Attach.	456413			

°For Later Production Units (with 1/4" Dia. Mtg. Hinge Hole) Order 1965148 Bushing.

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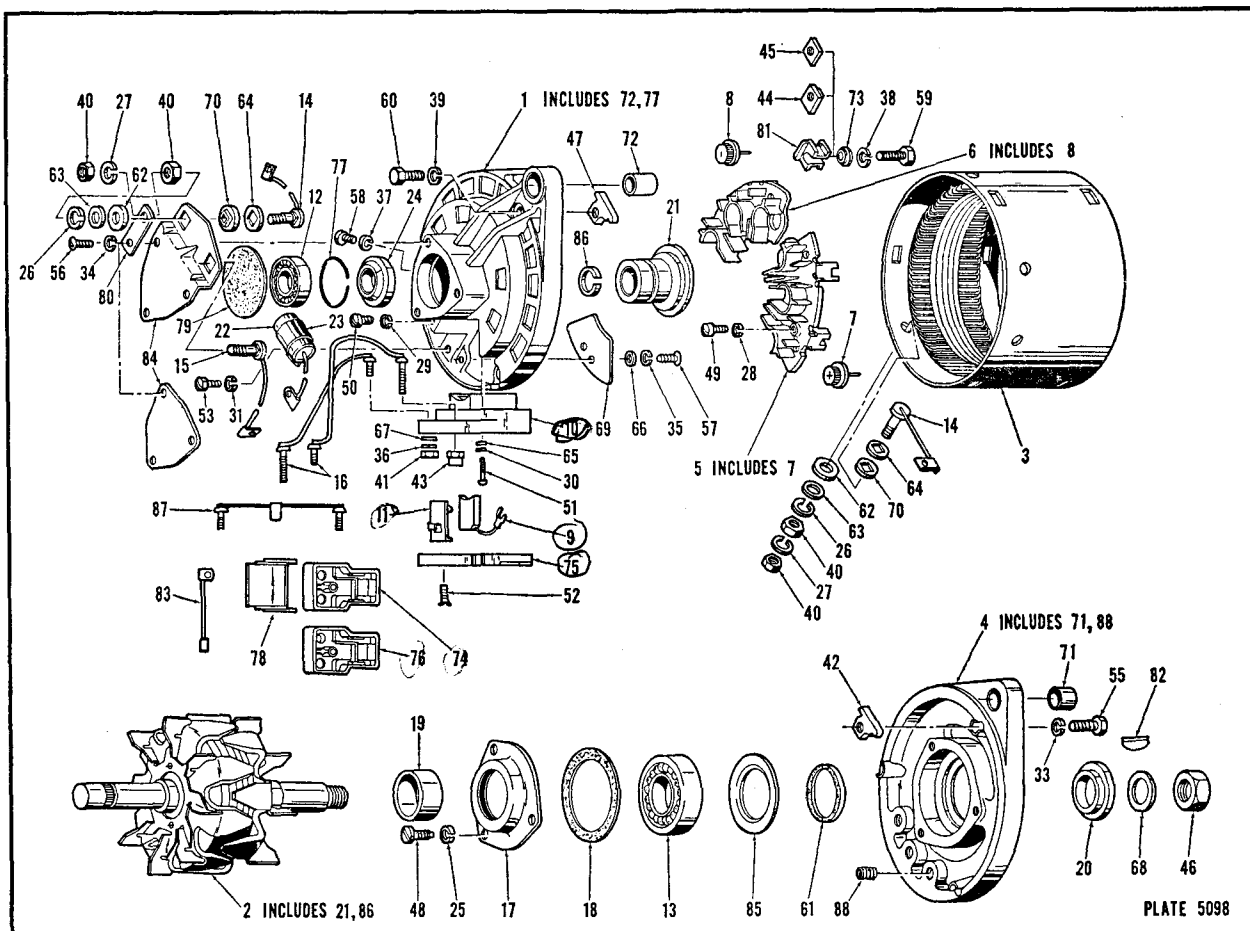
Parts not listed in this Catalog will not be sold separately.

MINOR PARTS SECTION

Illus. No.	Name	Part No.	Used on Models
	MISCELLANEOUS— (Continued)		
50	BUSHING—S.R.E. Frame Mtg. Hinge -----*	1955688	1117753-4; 60-1-7
50	BUSHING—S.R.E.—Frame Mtg. Hinge -----	1965145	1117780-7
51	CLAMP—(Rubber)—Brg. Retainer—S.R.E. -----*	1929959	All except 1117767; 82
51	CLAMP—(Rubber)—Brg. Retainer—S.R.E. -----*	1956299	1117767
—	Inner RACE—S.R.E. -----	7451641	1117780-7
52	INSULATOR—Heat Sink -----	1955543	All
53	KEY—Woodruff—D.E. -----	124545	1117750-2; 65
53	KEY—Woodruff—D.E. -----	124548	1117753-4; 60-1-7; 81-2-7
—	LEAD—Battery Term. to Ground -----	1951831	1117767
—	LEAD—Ground—F-2 Terminal -----	1964414	1117767
—	LEAD (Pkg.)—Diode to Terminal Relay -----	1961257	All
—	Outer RACE & ROLLER—S.R.E. -----	7451640	1117780-7
54	PLATE—Felt Washer Retainer—D.E. -----	809960	1117750-2; 65
54	PLATE—Felt Washer Retainer—D.E. -----	1955664	1117753-4; 60-1-7; 81-2-7
55	PLUG—Brg. Well—S.R.E. -----	1955520	All
—	SEAL—Oil—S.R.E. -----	1966554	1117780-7

*For Later Production Units (with $\frac{1}{4}$ " Dia. Mtg. Hinge Hole) Order 1965145 Bushing.

*Later Units (with Rectangular Groove for Clamp) Require Steel Ring Part No. 1963355.

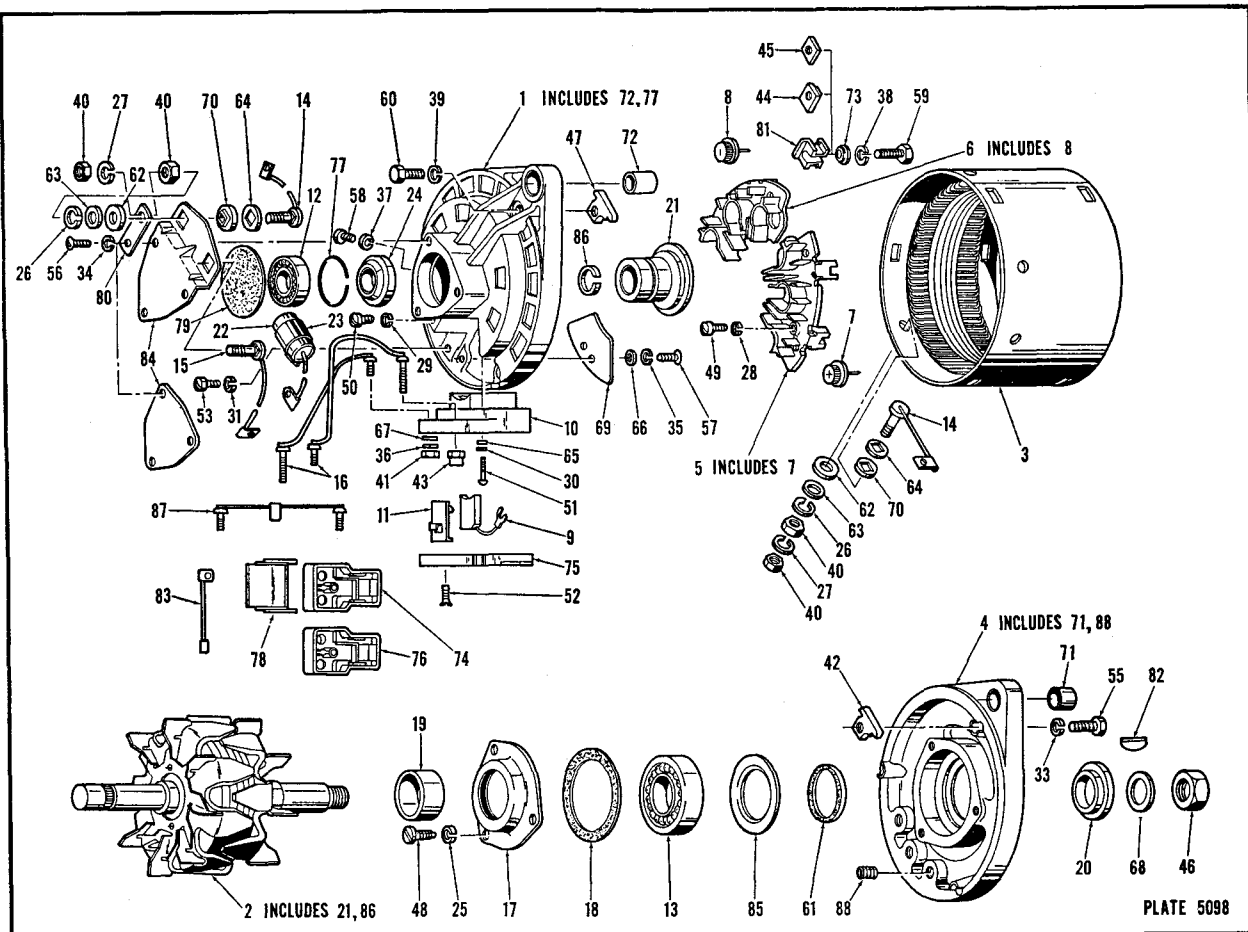


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Model No.	Frame — S.R.E.	Rotor — Assem.	Stator — Assem.	Frame — D.E.	Positive Heat Sink — Assem.	Negative Heat Sink — Assem.	Diode — Positive	Diode — Negative	Brush	Holder — Brush	Spring & Support — Brush	Ball Bearing — S.R.E.
	1	2	3	4	5	6	7	8	9	10	11	12
1117756.....	1955737	1955978	1958822	1961866	1958823	1958824	1958825	1958826	x	1955731	1955734	905429
1117763.....	"	"	"	"	"	"	"	"	x	"	"	"
1117769.....	"	"	"	"	"	"	"	"	x	"	"	"
1117772.....	"	1962449	1963167	"	1963165	1963164	1963163	1963162	x	"	"	"
1117773.....	"	1962477	"	"	"	"	"	"	x	"	"	"
1117774.....	"	1962449	1963166	"	"	"	"	"	x	"	"	"
1117777.....	1965803	1955978	1958822	"	1958823	1958824	1958825	1958826	x	"	"	"
1117778.....	1968261	1968126	"	1961866	"	"	"	"	x	"	"	▲7451641
1117779.....	1965803	1962449	1963167	"	1963165	1963164	1963163	1963162	x	"	"	905429
1117781.....	1968261	1968126	1958822	"	1958823	1958824	1958825	1958826	x	"	"	▲7451641
1117783.....	"	"	"	"	"	"	"	"	x	"	"	▲
1117784.....	"	800814	1963167	"	1963165	1963164	1963163	1963162	x	"	"	▲
1117785.....	"	800816	"	"	"	"	"	"	x	"	"	▲
1117786.....	"	800814	1963166	"	"	"	"	"	x	"	"	▲

xBrush Package 1966276 (4 brushes).

▲7451641 is an Inner Race—Roller Brg.



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Model No.	Ball Bearing D.E.	Negative Terminal Battery	Positive Terminal Battery	Terminal & Lead Field	Bearing Retainer Assem.	Gasket	Collar Inside	Collar Outside	Ring Slip	Capacitor	Bracket Capacitor	Collar S.R.E.
	13	14	15	16	17	18	19	20	21	22	23	24
1117756	907351		†	1963299	1961867	1955663	1961869	1961870	1956162	1961891	1916616	1955760
1117763	"	x	†	1955783	"	"	"	"	1955748	1961776	"	"
1117769	"	†	†	"	"	"	"	"	"	1964053	1910476	"
1117772	"	†	†	"	"	"	"	"	"	"	"	"
1117773	"	†	†	"	"	"	"	"	"	"	"	"
1117774	"	†	†	"	"	"	"	"	"	"	"	"
1117777	"	†	†	1956030	"	"	"	"	"	1961891	1916616	1955760
1117778	"	x	†	1955783	"	"	"	"	"	1961776	"	"
1117779	"	†	†	1956030	"	"	"	"	"	1961891	"	1955760
1117781	"	†	†	1963299	"	"	"	"	"	"	"	"
1117783	"	†	†	1955783	"	"	"	"	"	1964053	1910476	"
1117784	"	†	†	"	"	"	"	"	"	"	"	"
1117785	"	†	†	"	"	"	"	"	"	"	"	"
1117786	"	†	†	"	"	"	"	"	"	"	"	"

x1958828 Battery Terminal Package (Includes Illus. Nos. 14, 27, 40, 62, 63, 64, & 70).

† 800349 Battery Terminal Package (Includes Illus. Nos. 14, 15, 27, 40, 62, 63, 64 & 70).

*A General Motors Trademark

Parts not listed in this Catalog will not be sold separately.

MINOR PARTS SECTION

NOTE: Most screws, bolts, nuts, lockwashers, woodruff keys, and cotter pins are Standard Hardware items and are not available from Delco-Remy. Refer to Standard Hardware sheets in catalog miscellaneous section for dimensions and description.

Illus. No.	Name	Part No.	Used on Models
LOCK WASHERS			
25	Lock Washer—Brg. Retainer Attaching Screw -----	1962276	All
26	Lock Washer—Battery Terminal (Heavy) -----	9419620	All Except 1117777-8-9
27	Lock Washer—Battery Terminal (Light) -----	1914579	All
28	Lock Washer—Battery Terminal—Lead Attaching Screw -----	453435	All
29	Lock Washer—Brush Connector Clip Attach. Screw -----	453844	1117756; 77-9; 81
30	Lock Washer—Brush Holder Attaching Screw -----	453844	All
31	Lock Washer—Capacitor Attaching Screw -----	453844	All Except 1117777-9; 81
31	Lock Washer—Capacitor attaching Screw -----	9416005	1117777-9; 81
33	Lock Washer—D.E. Frame Attaching Screw -----	9421423	All
34	Lock Washer—End Retainer Plate Attaching Screw -----	453844	All
35	Lock Washer—Fan Baffle Attaching Screw -----	453844	All
—	Lock Washer—Field Ground Lead Attach. -----	453474	1117777-9
36	Lock Washer—Field & Brush Terminals -----	453435	All Except 1117779
36	Lock Washer—Field Terminal -----	453844	1117777-9
37	Lock Washer—Ground Screw -----	453435	All
38	Lock Washer—Heat Sink Attaching Screw -----	1914579	All
39	Lock Washer—S.R.E. Frame Attaching Screw -----	9421423	All
—	Lock Washer—Terminal Adaptor Attaching -----	453844	1117777-9
NUTS			
40	Nut—Battery Terminal -----	9417301	All
41	Nut—Brush Terminal -----	453433	All Except 1117779
41	Nut—Brush Terminal -----	1955774	1117763
42	Nut—D.E. Frame Attaching Screw -----	1961871	All
43	Nut—Field Terminal -----	1955774	All Except 1117777-9
43	Nut—Field Terminal (10/32x $\frac{1}{4}$) -----	453434	1117777-9
44	Nut—Heat Sink Attaching Screw (Anti-Turn) -----	1961878	1117756; 63; 78; 81
45	Nut—Heat Sink Attaching Screw (Square) -----	9418915	All
46	Nut—Shaft—D.E. -----	9418881	All
47	Nut—S.R.E. Frame Attaching Screw -----	1961871	All
SCREWS			
48	Screw—Ball Brg. Retainer Attaching -----	453468	All
48	Screw—Ball Brg. Retainer Attaching—D.E. -----	132900	1117784-5-6
49	Screw (& Lockwasher)—Battery Terminal—Lead Attaching -----	1971964	All
50	Screw—Brush Connector Clip Attaching -----	453418	1117756; 81
50	Screw (& Lockwasher)—Brush Connector Clip Attaching -----	1971964	1117777-9
51	Screw—Brush Holder Attaching -----	454583	All
52	Screw—Brush Holder Cap Attaching -----	9419410	All
53	Screw—Capacitor Bracket Attaching -----	453647	1117769; 72-3-4; 83-4-5-6
53	Screw (& Lockwasher)—Capacitor Bracket Attach. -----	1971964	1117756; 63; 77-8-9; 81
55	Screw—D.E. Frame Attaching -----	1961965	All
56	Screw—End Retainer Plate Attaching -----	454408	All
57	Screw—Fan Baffle Attaching -----	453293	All Except 1117772-3
57	Screw—Fan Baffle Attaching -----	9417096	1117763; 72-3-4
—	Screw (& Lockwasher)—Field—Ground Lead Attach. -----	1971964	1117777-9
58	Screw—Ground -----	453282	All
59	Screw—Heat Sink Attaching -----	9418913	All
60	Screw—S.R.E. Frame Attaching -----	1961965	All
—	Screw—Terminal Adaptor Attaching -----	1919292	1117777-9
—	Screw (& Lockwasher)—End Retainer Plate Attaching—S.R.E. -----	453696	1117783-4-5-6
WASHERS			
61	Washer—Felt—D.E. Frame -----	1955660	All
62	Washer—Insul.—Battery Terminal -----	1914991	All Except 1117763; 72-3-8
62	Washer—Insul.—Battery Terminal -----	1955540	1117763; 78
63	Washer—Plain—Battery Terminal -----	826319	All
64	Washer—Plain—Battery Terminal (Square Hole) -----	1962214	All
65	Washer—Plain—Brush Holder Attaching Screw -----	807218	All
66	Washer—Plain—Fan Baffle Attaching Screw -----	815540	All
67	Washers—Plain—Field & Brush Terminals -----	807295	All
—	Washer—Plain—Field Terminal ($\frac{1}{8}$ thk x $\frac{11}{16}$ O.D.) -----	1963301	1117756; 81
—	Washer—Plain—Field Terminal ($\frac{1}{8}$ thk x $\frac{11}{16}$ O.D.) -----	1963302	1117756; 81

Parts not listed in this Catalog will not be sold separately.

MINOR PARTS SECTION

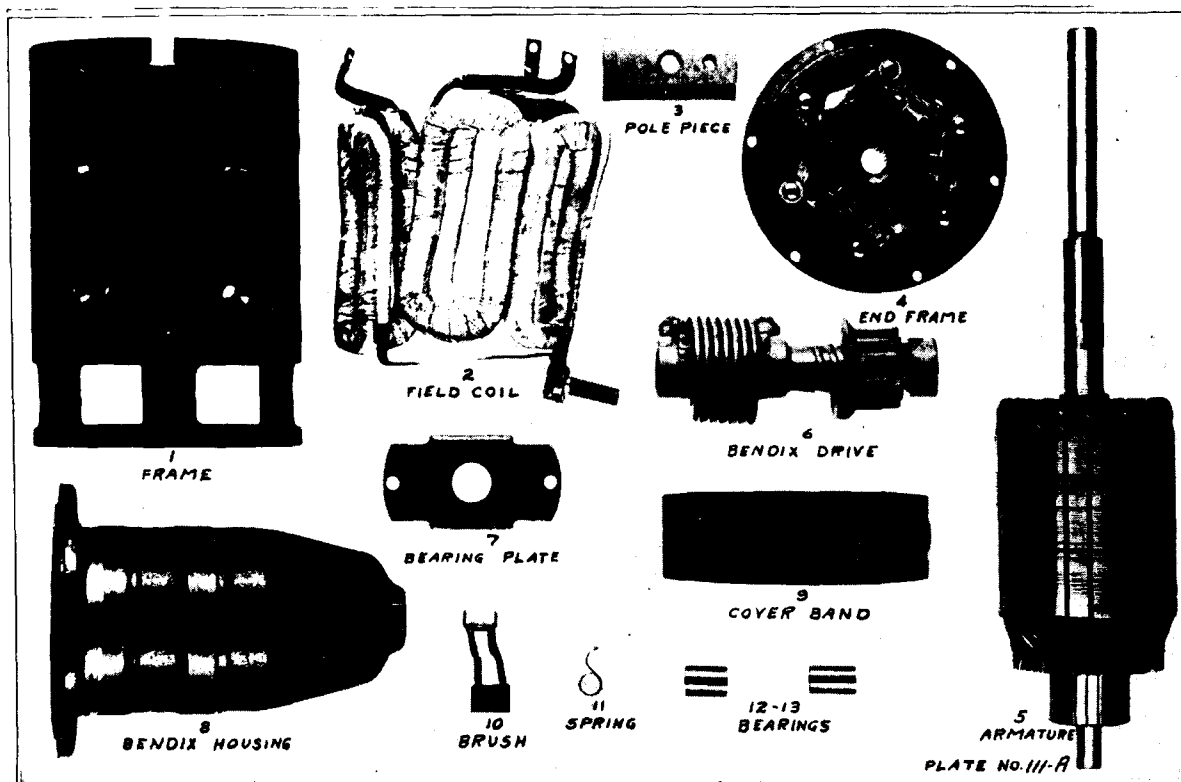
Illus. No.	Name	Part No.	Used on Models
MISCELLANEOUS			
—	Washer—Shaft—D.E. -----	1905406	All
68	Washer—Terminal Adaptor Attaching -----	807218	1117777-9
—	ADAPTOR—Terminal -----	1965802	1117777-9
69	BAFFLE—Fan—S.R.E. -----	1955761	All except 1117783-4-5-6
—	BLADE—Terminal—Field -----	1961887	1117777-9
—	BLADE—Terminal—Relay -----	1961888	1117777-9
70	BUSHING—Insul.—Battery Terminal -----	†	1117756; 77-9; 81
70	BUSHING—Insul.—Battery Terminal -----	†	1117769; 72-3-4
70	BUSHING—Insul.—Battery Terminal -----	1955538	1117763; 78
71	BUSHING—Mounting Hinge—D.E. -----	1961872	All
72	BUSHING—Mounting Hinge—S.R.E. -----	□1955688	1117756; 63-9; 72-3-4
72	BUSHING—Mounting Hinge—S.R.E. -----	1965145	1117777-8-9; 81-3-4-5-6
73	BUSHING (Steel)—Heat Sink Attaching Screw -----	1961877	All
74	CAP—Brush Holder—Brush Terminal -----	1955732	1117756; 77-9
75	CAP—Brush Holder—F1 Terminal -----	△	All Except 1117779
76	CAP—Brush Holder—F2 Terminal -----	△	1117763-9; 72-3-4-8
77	CLAMP—Ball Brg. Retainer—S.R.E. -----	*1956299	All Except 1117777-9
77	CLAMP—Ball Bearing Retainer—S.R.E. -----	1963355	1117777-9
—	CONNECTOR Body -----	2977373	1117777-9
78	COVER—Field Terminal Shield -----	1960119	1117763-9; 72-3-4-8; 83-4-5-6
79	GASKET—End Retainer Plate—S.R.E. -----	1955739	All
80	GROUND STRAP -----	1951962	1117769; 72-3-4; 83-4-5-6
81	INSULATOR—Heat Sink -----	1955543	All
82	KEY—Woodruff—D.E. -----	124548	All
—	LEAD ASSEM.—Brush Connector—Field -----	1965798	1117777-9
—	LEAD ASSEM.—Brush Connector—Ground -----	1957106	1117777-9
—	LEAD—Indicator Light—Relay -----	1965796	1117777-9
83	LEAD ASSEM.—Field Term. to S.R.E. Frame -----	1964363	1117769; 72-3-4; 83-4-5-6
84	PLATE—End Retainer—S.R.E. -----	1955738	1117756; 63; 74-7-8-9; 81
84	PLATE—End Retainer—S.R.E. -----	1951946	1117769; 72-3-4; 83-4-5-6
85	PLATE—Felt Washer Retainer—D.E. -----	1955664	All
—	RACE—Outer Roller Bearing -----	7451640	1117778; 81-3-4-5-6
86	RING—Snap—Bearing Spacer Retainer—S.R.E. -----	1948389	1117772-3-4
86	RING—Snap—Brg. Spacer Retainer—S.R.E. -----	1955512	All Except 1117772-3-4
—	SEAL—Oil—S.R.E. -----	1966554	1117778; 81
—	SUPPORT—Terminal Adaptor -----	1965801	1117777-9
87	TERMINAL STUD & LEAD ASSEM.—Brush -----	1955783	1117763
87	TERMINAL STUD & LEAD ASSEM.—Brush -----	1957106	1117756; 81
—	TERMINAL STUD PACKAGE—Relay -----	1958831	All
—	TERMINAL -----	2965399	1117777-9

†Serviced in Battery Terminal Package 800349.

□Later Units (with $\frac{1}{4}$ " Dia. Mtg. Hinge Hole) Order 1965145.

*Later Units (with Rectangular Clamp Groove) Use 1963355.

△Order Package No. 801271 (contains 1 each of Illus. 75 & 76).



Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

Model No.	Frame and Field As'ly	Field Coil As'ly *	Pole Piece	End Frame (C.E.)	Arma- ture	Motor Drive †	Center Bearing Plate (D.E.)	Drive End Frame or Bendix Housing	Cover Band	Motor Brush	Brush Arm Spring	Bearing (D.E.)	Bushing or Ball Bearing (Com. End)
	1	2	3	4	5	6	7	8	9	10	11	12	13
412			36497	*38290	37895	811194	16199	16999	1880355	38367	34846	810620	1839345
413			"	*37849	"	1850844	"	"	"	16083	"	"	"
414			"	*38290	"	"	"	"	"	38367	"	"	"
422			36497	*38290	37895	1837321	16199	16856	1843611	38367	34846	810620	1839345
423			36582	*1841854	829042	1881585	1839177	826463	1880355	"	"	826462	903201
424			36497	*38290	37895	811194	16199	16999	1843611	"	"	810620	1839345
425			"	*37849	"	1850844	"	"	"	16083	"	"	"
426			"	*1841854	38335	"	"	38337	"	38367	"	812364	903201
427			36582	*38305	38348	811194	16199	16999	"	16083	"	810620	"
429			36497	*37849	37895	826155	16199	16999	827768	16083	34846	810620	1839345
443			36582	*1841854	829037	1881585	829040	18154	1880355	38367	"	826462	903201
446		829595	36497	829590	829545	"	"	829547	1843611	16083	"	"	"
447			36582	*1841854	829042	1881585	1839177	829966	1880355	38367	"	826462	"
448			"	"	"	829969	"	1839730	"	"	"	"	"
449			"	"	"	1881585	"	1835941	"	"	"	"	"
450			36582	"	829037	"	829004	1835078	"	"	"	1883730	"
453			"	"	829042	1881585	1839177	826463	"	"	"	826462	"
454			36497	"	1835960	1835963	"	829966	"	"	"	"	"
455			"	*38290	37895	*1868804	16199	16856	1843611	"	"	810620	1839345
456			"	*1841854	1835960	1836347	1839177	1837566	1880355	"	"	826462	903201

*See Motor Drives—Group 1, for Parts.

*Complete Field Coil Assembly—See Minor Parts Section for Parts of Coil Assembly.

□When 829042 Armature is used to replace 826460, also supply 1-1841020 Center Bearing Plate.

*809506 Motor Drive was used before Serial No. 250, 1868804 Drive was used after Serial No. 250.

*Brush Holder Repair Package No. 1901695 may be used to replace Brush Rigging.

MINOR PARTS SECTION

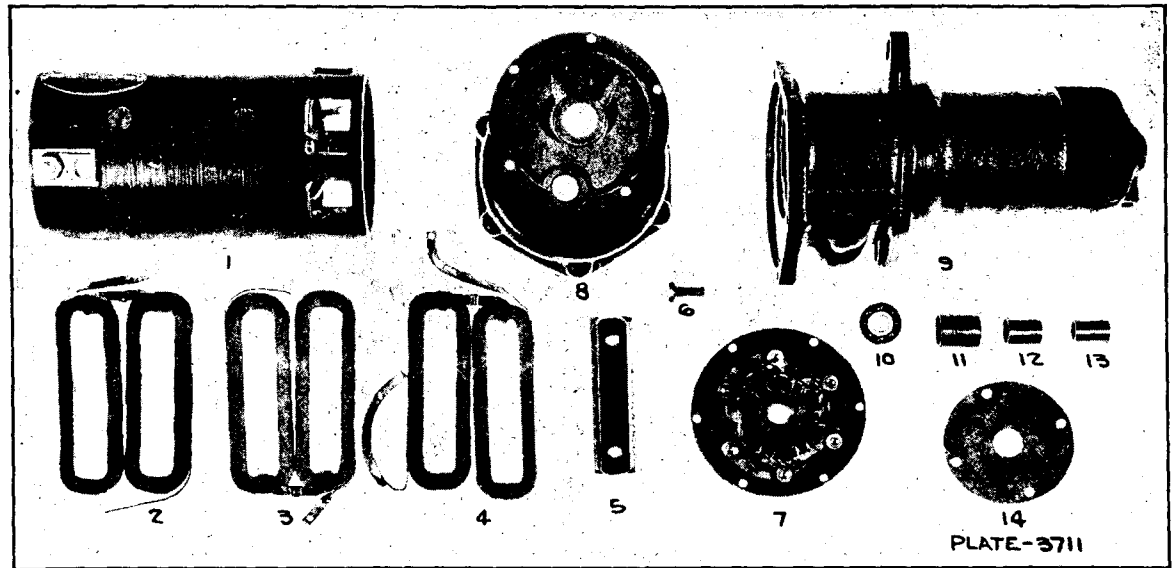
NOTE: Most screws, bolts, nuts, lock washers, woodruff keys, and cotter pins are Standard Hardware items and are not available from Delco-Remy. Refer to Standard Hardware sheets in catalog miscellaneous section for dimensions and description.

Name	Part No.	Used on Models
FIELD COILS		
FIELD COIL Assembly (Left of Stud).....	1863158	427
†FIELD COIL Assembly (Right of Stud).....	1863160	427
†FIELD COIL Assembly (Lower).....	1863159	427
†FIELD COIL Assembly (R.H.).....	38276	412-414-424-454
†FIELD COIL Assembly (L.H.).....	38275	412-414-424-454
†FIELD COIL Assembly (R.H.).....	38278	422-426-455-456
†FIELD COIL Assembly (L.H.).....	38279	422-426-455-456
†FIELD COIL Assembly (Right of Stud).....	38270	423-443-447-449-450-453
†FIELD COIL Assembly (Left of Stud).....	38271	423-443-447-449-450-453
†FIELD COIL Assembly (Lower).....	16818	413-425-429
†FIELD COIL Assembly (Right of Stud).....	16819	413-425-429
†FIELD COIL Assembly (Left of Stud).....	16820	413-425-429
†FIELD COIL Assembly (Right of Stud).....	1835166	448
†FIELD COIL Assembly (Left of Stud).....	1835168	448
INSULATIONS		
Motor Terminal Stud INSULATION WASHER ($\frac{3}{32}$ " Fibre).....	1861076	412-413-414-422-423-424-425-426-427-429-446-447-448-449-450-453-454-455-456
Motor Terminal Stud INSULATION BUSHING ($\frac{1}{16}$ " Fibre).....	1904669	412-413-414-422-424-425-426-427-429-443-446-447-448-449-450-453-454-455-456
Motor Terminal Stud INSULATION WASHER.....	35090	429
Motor Switch INSULATION STRIP.....	825214	423
Field Coil INSULATION STRIP.....	33345	412-413-414-422-423-424-425-426-427-429-443-446-447-448-449-450-453-454-455-456
Field Coil INSULATOR (Triangle).....	1868810	412
LOCK WASHERS		
Bendix Housing Screw LOCK WASHER.....	453435	412-413-414-422-424-425-454-455-456
Bendix Housing Screw LOCK WASHER (Shakeproof).....	114603	423-427-443-447-448-449-450-453
Brush Lead Screw LOCK WASHER.....	453844	412-413-414-422-423-424-425-426-427-429-443-446-447-448-449-450-453-454-455-456
Center Bearing Screw LOCK WASHER.....	9421423	412-413-414-422-424-425-429-455
Center Bearing Screw LOCK WASHER (Shakeproof).....	138607	448-453
Center Bearing Screw LOCK WASHER (Shakeproof).....	114603	423-453
Center Bearing Screw LOCK WASHER (Shakeproof).....	138484	427-443-447-448-449-450
Center Bearing Screw LOCK WASHER.....	1962276	454-456
Commutator End Terminal Stud LOCK WASHER.....	142248	446
Dust Plate Screw LOCK WASHER.....	453435	423-426-427-443-446-447-448-449-450-453-454-456
End Frame Screw LOCK WASHER (C.E.).....	453435	412-413-414-422-424-425-426-429-446-454-455-456
End Frame Screw LOCK WASHER (C.E.) (Shakeproof).....	114603	423-427-443-447-448-449-450-453
End Frame Screw LOCK WASHER (D.E.).....	453435	446
Motor Terminal Stud LOCK WASHER.....	9421425	412-413-414-422-424-425-426-427-429-443-446-447-448-449-450-453-454-455-456
Starter Switch Attaching Screw LOCK WASHER.....	9421423	423
Starter Switch Attaching Screw LOCK WASHER.....	453435	429
NUTS		
Commutator End Frame Terminal Stud NUT.....	805258	446
Motor Terminal Stud NUT ($\frac{3}{32}$ " thk.).....	805258	412-413-414-422-424-425-426-427-429-443-446-447-448-449-450-453-454-455-456
Motor Terminal Stud NUT ($\frac{1}{4}$ " thk.).....	134566	412-413-414-422-424-425-426-427-429-443-446-447-448-449-450-453-454-455-456
Motor Terminal Stud NUT.....	1835299	423
Starting Switch Terminal Stud NUT.....	805258	429
SCREWS AND STUDS		
Bendix Housing Fastening SCREW (10-32x $\frac{1}{4}$).....	37872	412-413-414-422-423-424-425-427-429-443-447-448-449-450-453-454-455-456
Bendix Housing Fastening SCREW (10-32x $\frac{1}{4}$).....	5017347	423-453

†Motor Stud should be ordered separately as it is not included in Field Assembly.
 Location of Field Coils determined by viewing drive end.

MINOR PARTS SECTION

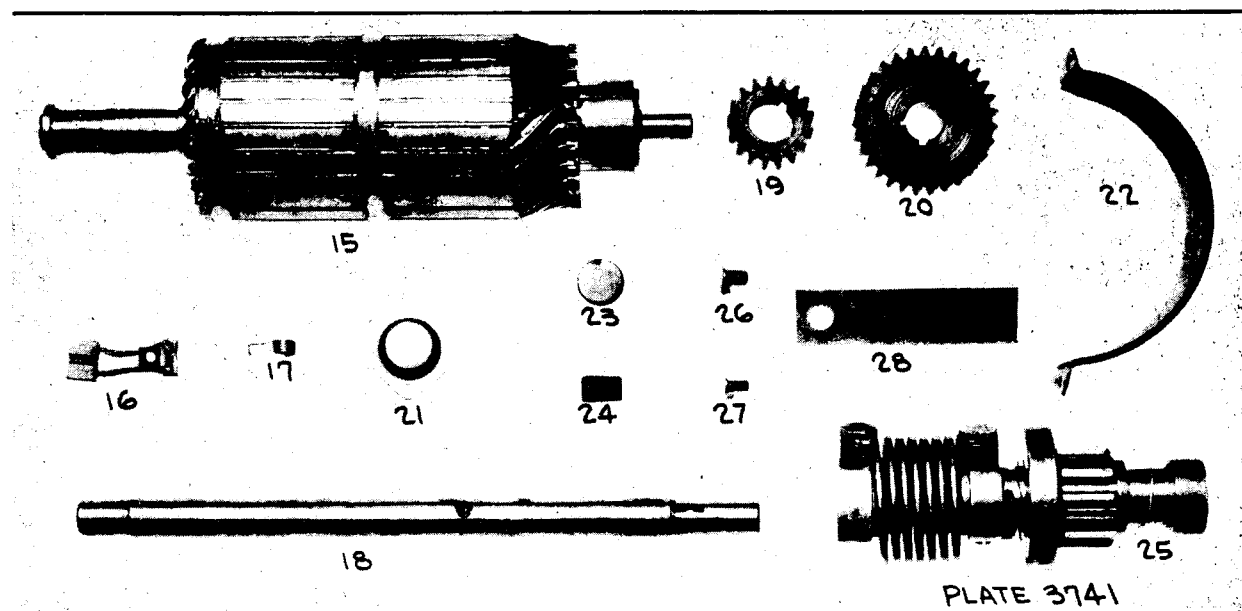
Name	Part No.	Used on Models
SCREWS AND STUDS—Continued		
Brush to Field Lead SCREW.....	1881998	412-413-414-422-423-424-425-426-427-429-443-446-447-448-449-450-453-454-455-456
Center Bearing SCREW.....	802795	443-448-449-450
Center Bearing SCREW (Flat Head).....	120585	448
Center Bearing Plate SCREW (Hex. Head—Shoulder).....	828483	412-413-414-422-424-427-429-455
Center Bearing Plate SCREW (3/4-20x5/8).....	115632	412-413-414-422-423-424-425-427-429-455
Center Bearing Plate SCREW (10-32x5/8 Rd. Head).....	9416183	447-449-453-454-456
Commutator Cover Band SCREW.....	453479	412-413-414-423-424-426-427-443-447-448-449-450-453-454-455-456
Commutator Cover Band SCREW (Nickel).....	132920	429
Dust Plate SCREW (C.E.) (10-32x3/8).....	1914580	423-426-427-443-446-447-448-449-450-453-454-456
Drive End Frame Fastening SCREW (10-32x1 1/4).....	37872	446
End Frame Fastening SCREW (C.E.) (10-32x1 1/4).....	37872	412-413-414-422-423-424-425-426-427-429-443-446-447-448-449-450-453-454-455-456
Motor Mounting Plate Attaching SCREW.....	113988	423
Motor Terminal STUD.....	826459	423
Motor Terminal STUD.....	826938	412-413-414-422-424-425-426-427-429-443-446-447-448-449-450-453-454-455-456
Pole Piece Attaching SCREW.....	1913960	412-413-414-422-423-424-425-426-427-429-443-446-447-448-449-450-453-454-455-456
Starting Switch Attaching SCREW (10-32x1 1/4).....	112872	429
Starting Switch Attaching SCREW.....	115356	423
WASHERS		
Brush Holder Rivet Plain WASHER.....	815540	All
Brush Holder Rivet Insul. WASHER.....	1860389	All
Motor Terminal Stud PLAIN WASHER.....	805790	412-413-414-422-423-424-425-426-427-429-443-446-447-448-449-450-453-454-455-456
Motor Terminal Stud PLAIN WASHER (Com. End Frame).....	805790	446
Motor Terminal Stud PLAIN WASHER.....	35728	429
Space WASHER (C.E.).....	1928023	412-413-414-422-423-424-425-426-427-429-443-446-447-448-449-450-453-454-455-456
Space WASHER (D.E.) (.563x1 1/8x1 1/8).....	1914842	412-413-414-422-424-425-427-429-455
Space WASHER (D.E.) (.626x1 1/8x1 1/8).....	809815	454
Space WASHER (D.E.) (.626x1 1/8x1 1/8).....	1849774	454
MISCELLANEOUS		
BUSHING for Center Bearing Plate.....	1867149	412-413-424-425-427-429-455
BUSHING for Center Bearing Plate.....	828237	450
Brush Holder RIVET.....	1855434	All
Brush Holder Rivet Insul. BUSHING.....	35728	All
Dust PLATE (C.E.).....	815868	423-426-427-443-446-447-448-449-450-453-454-456
End PLUG (C.E.) (3/4" dia.).....	810819	412-413-414-422-425
End PLUG (C.E.) (1 1/8" dia.).....	1865182	Where needed
Middle Bearing Plate GASKET.....	828976	450
Middle Bearing Plate GASKET.....	1839418	448
OILER (C.E. & D.E.).....	809595	423-426-427-443-446-447-448-449-450-453-454-456
OILER (In Frame).....	816345	448-453
Oil WICK (C.E.).....	802692	423-426-443-446-447-448-449-450-453-454-456
Oil WICK (Bendix Housing).....	1919851	448-449-453-454-456
Oil WICK (In Center Bearing).....	804076	423-447-448-449-453-454-456
Oil TUBE (In Frame).....	1922897	448-453
Starting SWITCH.....	821627	429
Starting SWITCH (Magnetic).....		
(See Starting Switch—Group 31, for Parts).....	826619	423
Terminal Stud CONNECTOR.....	829592	446
Woodruff KEY.....	124546	412-413-414-422-424-427-429-443-447-448-449-450-453-455-456



Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

Model	Frame and Field Assembly	Field Coil (Left)	Field Coil (Right)	Field Coil Lower	Pole Piece	Motor Terminal Stud	Commutator End Frame	Gear Housing	Motor Drive Housing	Ball Bearing C.E.	Bushing in Gear Housing for Arm. Shaft	Bushing in Gear Housing for Drive Shaft	Bushing in Drive Housing	Drive Housing Cover Plate
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
452		1874970	38303	38304	36582	826938	1841854	1839354	1835518	954519	1866851	1838470	826462	36972
473		"	"	"	"	"	"	"	1838468	"	"	"	1838470	"
475		"	"	"	"	"	"	"	1838524	"	"	"	"	"
483		"	"	"	"	"	"	1839354	1839960	"	"	"	"	"
486		"	"	"	"	"	"	1841938	1840503	"	"	"	"	1840512
487		1872567	1863160	1863159	"	"	"	"	1840513	"	"	"	"	"
491		1874970	38303	38304	"	"	"	"	1841937	"	"	"	"	"
496		"	"	"	"	"	"	"	1843063	"	"	"	"	"
542		"	"	"	"	"	"	"	1844184	"	"	"	"	"
571		"	"	"	"	"	"	"	1845381	"	"	"	"	"
572		1872567	1863160	1863159	"	"	"	"	1844184	"	"	"	"	"
644		1874970	38303	38304	"	"	"	"	1840513	"	"	"	"	"

*Brush Holder repair package 1901695 may be used to replace brush rigging.



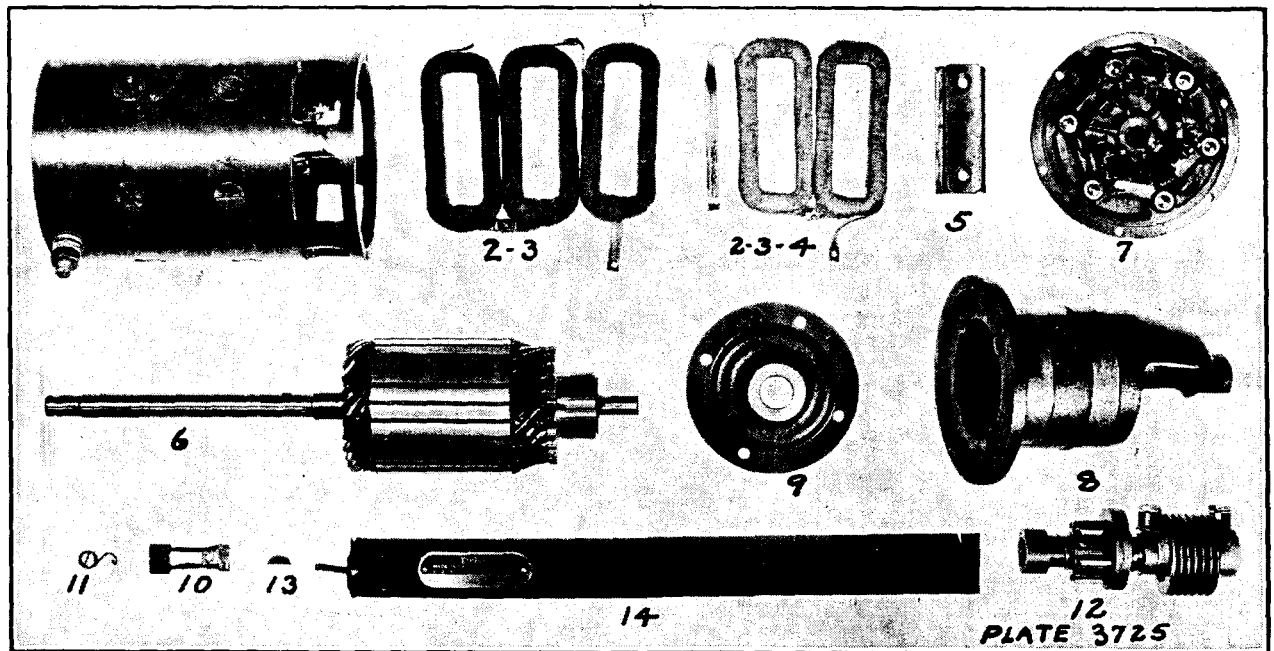
Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

Model	Arma- ture	Brush and Lead	Brush Spring	Motor Drive Shaft	Gear on Arm. Shaft	Gear on Drive Shaft	Cover Plate Commu- tator End	Com- mutator Cover Band	End Plug in Gear Housing	Pipe Plug	Motor Drive Com- plete	Oiler C.E. D.E.	Oiler in Gear Housing	Field Ins. Strip
	15	16	17	18	19	20	21	22	23	24	25	26	27	28
452	38310	38367	34846	1838096	1919686	1922940	815868	1880355	36976	103866	†1838097	1880642	1880635	33345
473	"	"	"	1838471	"	"	"	"	"	"	"	"	"	"
475	"	"	"	"	"	"	"	"	"	"	"	"	"	"
483	"	"	"	"	"	"	"	"	"	"	"	"	"	"
486	"	"	"	1840509	"	"	"	"	"	193884	†1840516	"	"	"
487	"	"	"	"	"	"	"	"	"	103866	†1840519	"	"	"
494	"	"	"	"	"	"	"	"	"	"	†1840516	"	"	"
496	"	"	"	"	"	"	"	"	"	"	"	"	"	"
542	"	"	"	"	"	"	"	"	"	103884	"	"	"	"
571	"	"	"	"	"	"	"	"	"	103866	"	"	"	"
572	"	"	"	"	"	"	"	"	"	"	†1840519	"	"	"
644	"	"	"	"	"	"	"	"	"	"	†1840516	"	"	"

†For parts see Motor Drives—Group 1.
*1868835 Field Coil Insulation also used.

MINOR PARTS SECTION

Description	Part No.	Used on Models
LOCK WASHERS		
Brush Ground Lead Screw LOCK WASHER.....	453844	All
Brush to Field Lead Screw LOCK WASHER.....	453844	All
Commutator End Frame Screw LOCK WASHER.....	114603	All
Commutator End Cover Plate Screw LOCK WASHER.....	453435	All
Gear Housing Screw LOCK WASHER.....	453435	452-473-475-483
Gear Housing Screw LOCK WASHER (1/4-28).....	138484	All
Motor Drive Housing Screw LOCK WASHER.....	138484	All
Motor Drive Housing Cover Plate Screw LOCK WASHER.....	138484	452-473-475-483
Motor Drive Housing Cover Plate Screw LOCK WASHER.....	114603	486-487-494-496-542-571-572-644
Motor Terminal Stud LOCK WASHER.....	9421425	All
NUTS		
Cover Band Screw NUT.....	453433	All
Gear Retaining NUT.....	1919689	486-487-494-496-542-571-572
Gear Retaining NUT.....	36111	452-473-475-483
Motor Drive Housing Screw NUT.....	116004	452-473-475-483
Motor Terminal NUT.....	805258	All
SCREWS		
Brush to Field Lead SCREW—8-32x1 1/8.....	115607	All
Brush Ground Lead SCREW—8-32x1 1/4.....	453647	All
Cover Band SCREW.....	453479	All
Commutator End Cover Plate SCREW.....	453319	All
Commutator End Frame SCREW—10-32x1 1/8.....	37872	All
Gear Housing SCREW—10-32x1 1/8.....	37872	452-473-475-483
Gear Housing SCREW (1/4-28).....	1871521	All
Motor Drive Housing SCREW.....	100110	452-473-475-483
Motor Drive Housing Cover Plate SCREW.....	142357	452-473-475-483
Motor Drive Housing Attaching SCREW.....	1871529	486-487-494-496-542-571-572-644
Motor Drive Housing Attaching SCREW.....	123467	486
Motor Drive Housing Cover Attaching SCREW.....	141602	486-487-494-496-542-571-572-644
Pole Piece Attaching SCREW.....	1913960	All
WASHERS		
Brush Holder Plain WASHER.....	815540	All
Brush Holder Rivet Insulation WASHER.....	1882247	All
Motor Terminal Insulation WASHER (Fibre 3/4 inch O.D.).....	1913959	All
Motor Terminal Insulating Bushing WASHER.....	809051	All
Motor Terminal Stud Plain WASHER.....	805790	All
Space WASHER (End of Bendix Drive).....	1905102	All except 452
Space WASHER (End of Bendix Drive).....	1914842	452
Space WASHER (Between Arm Shaft and Gear Housing).....	1919694	All
Space WASHER—C.E.....	1928023	All
MISCELLANEOUS		
Brush Holder RIVET.....	1855434	All
Brush Holder Rivet Insulation BUSHING.....	35728	All
Dowel PIN (In Gear Housing).....	35531	452-473-475-483
Dowel PIN—D.E.....	809062	496-542-571-572-644
Field Coil INSULATOR (Triangle).....	1868810	452-542-571-644
Field Coil Insulation STRIP (.010x1"x5").....	1902073	452-542-571-572-644
KEY—For Attaching Gears or Drive.....	124546	All
Oil WICK—C.E.....	1919851	All
Oil WICK—In Gear Housing.....	804080	486-494-496-542-571-572-644
Oil WICK—In Motor Drive Housing.....	1919851	All
Space COLLAR, between Gear and Cover Plate.....	36975	452-473-475-483
Space COLLAR, between Gear and Cover Plate.....	1840518	486-487-494-496-542-571-572-644



Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

Model No.	Frame and Field	Field Coil R.H.	Field Coil L.H.	Field Coil Lower	Pole Piece	Armature	Commutator End Frame	Motor Drive Housing	Center Bearing Plate	Brush	Brush Arm Spring	Motor Drive	Woodruff Key	Commutator Cover Band
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
458		38276	38275		36497	37895	38290	1837251	1865883	38367	34846	*1850844	124546	1843611
459		38278	38279									*1837321		
470		16819	16820	16818						16083		*1850844		
471		16836	16837	16835								*1837321		
477		1863160	1872567	1863159	36582	829042	1841854	1835941	1839177	38367		*1881585		1880355
479		38270	38271					1840780				*1881585		
482		16819	16820	16818	36497	37895	38290	1839806	1840041	16083		* 811194		1843611
485		1863160	1872567	1863159	36582	829042	1841854	1835941	1840313	38367		*1881585		1880355
491		38303	1874970	38304					1839177			* 829969		
492		1863160	1872567	1863159				1841375	1840313			*1883693		
493								1865522	1839177			*1881585		1843611
497		16819	16820	16818	36497	1843420	1843495	1843423	820149	16083		*1843424		
498							38290							
499		1863160	1872567	1863159	36582	1843657	1843655	1835941	1839177	38367		*1881585		1880355
540		38270	38271					1840780						
544		38276	38275		36497	37895	38290	1837251	1865883	38367		*1850844		1843611
545		16819	16820	16818				1844681	820149	16083		*1850844		
547		1863160	1872567	1863159	36582	829042	1841854	1845142	1840313	38367		*1883693		1880355
549		38278	38279		37497	37895	38290	1837251	1865883			*1868804		1843611
575		1863160	1872567	1863159	36582	829042	1841854	1849914	1839177			*1881585		1880355
578							1841854	1881584				*1881585		
579								1853551				*1881585		
581		38276	38275		36497	1835960	1841854	1855342				*1857818		1843611
582		1863160	1872657	1863159	36582	829042	1841854	1855433				*1881585		1880355
583		38276	38275		36497	1835960	1856589	1856593				*1857818		1843611
584		38278	38279				1856902					*1853475		
585							1856905	1855342						
586		1863160	1872567	1863159	36582	829042	1841854	1857230				*1881585		1880355
590		38276	38275		36497	1857480	38290	1904065	820149			*1857818		1843611
592		1863160	1872567	1863159	36582	1857556	1841854	x1857555						1880355
593		38303	1874970	38304										
594		1863160	1872567	1863159		1843657	1843655	1880606	1839177			* 18141	124546	
599						829042	1841854	1859136	1840313	38367	34846			

*For parts see Motor Drive—Group 1.

xDrive End Frame.

^For parts see Motor Drive—Group 1-A.

°Brush Holder repair Package No. 1901695 may be used to replace Brush Rigging.

Delco-Remy

SERVICE PARTS CATALOG

MINOR PARTS SECTION

NOTE: Most screws, bolts, nuts, lock washers, woodruff keys, and cotter pins are Standard Hardware items and are not available from Delco-Remy. Refer to Standard Hardware sheets in catalog miscellaneous section for dimensions and description.

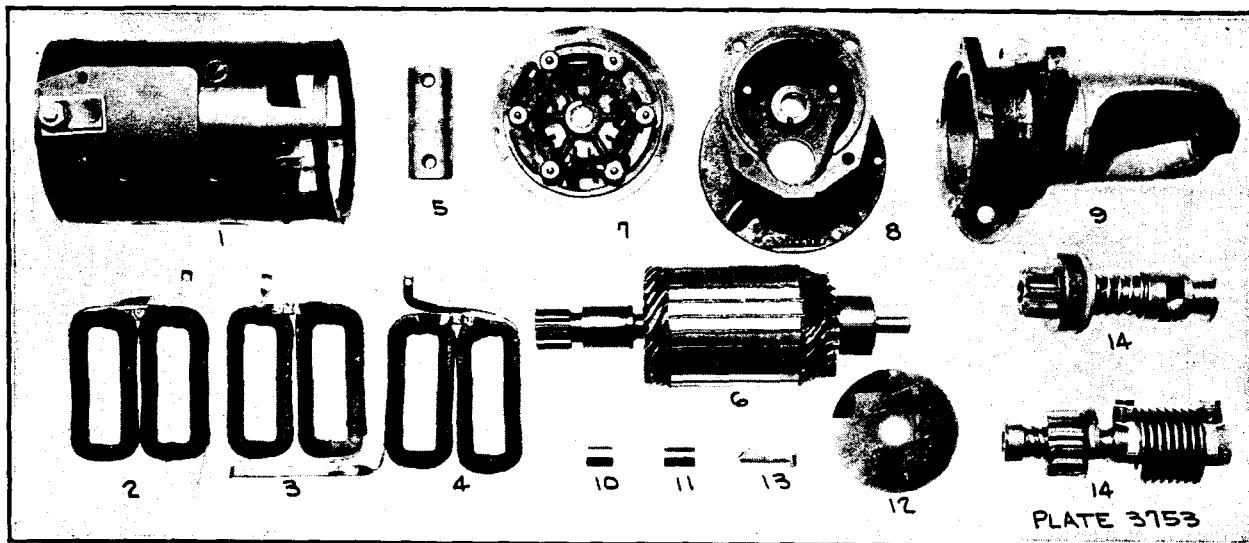
Description	Part No.	Used on Models
LOCK WASHERS		
Bendix Housing Screw LOCK WASHER.....	453435	458-459-470-471-482-497
Bendix Housing Screw LOCK WASHER (Shakeproof).....	114603	477-479-485-492-493-547-575-599
Brush Lead Screw LOCK WASHER.....	453844	All
Center Bearing Screw LOCK WASHER.....	1962276	497-498-545-590
Center Bearing Screw LOCK WASHER (Shakeproof).....	138484	All
Center Bearing Screw LOCK WASHER (Countersunk).....	138607	477-479-485-491-492-499-540-547-575-579-581-582-583-584-585-586-594-599
Center Bearing Felt Retainer Screw LOCK WASHER.....	453844	482
End Frame Screw LOCK WASHER.....	453435	458-459-470-471-447-479-482-485-491-492-497-498-499-540-544-547-575-578-579-581-582-583-584-585-586-592-593-594-599
End Frame Screw LOCK WASHER—C.E. (Shakeproof).....	114603	492-499-540-547-575-578-579-582-586-592-593-594-599
Motor Terminal Stud LOCK WASHER.....	142248	All
Switch Attaching Screw LOCK WASHER.....	9421423	544-549
NUTS		
Motor Terminal Stud NUT ($\frac{3}{8}$ thk.).....	805258	All
Motor Terminal Stud NUT ($\frac{1}{4}$ thk.).....	134566	All
Motor Terminal Stud NUT (Ground) $\frac{5}{8}$ Hex.....	805258	544-549-579-586-590
Motor Terminal Stud NUT (Ground) $\frac{9}{16}$ Hex.....	115343	544-549-579-586-590
SCREWS AND STUDS		
Bendix Housing Attaching SCREW.....	37872	All
Brush to Field Lead SCREW 8-32x5/16.....	115607	All
Brush Ground Lead SCREW 8-32x $\frac{1}{4}$	114935	All
Center Bearing Attaching SCREW.....	453319	497-498-545
Center Bearing Attaching SCREW (Hex head).....	802795	All except 497-498-545-579
Center Bearing Attaching SCREW (Flat head).....	120585	477-479-485-491-492-493-499-540-547-575-578-579-581-582-583-584-585-586-594-599
Center Bearing Attaching SCREW.....	1904613	590
Center Bearing Felt Retainer SCREW.....	114935	482
Commutator Cover Band SCREW.....	453479	458-459-470-471-477-479-482-485-491-493-499-540-547-575-578-579-582-586-592-593-594-599
End Cover SCREW 10-32x $\frac{1}{4}$ —C.E.....	453319	477-479-485-491-492-493-540-547-575-578-579-581-582-583-584-585-586-592-593-594-599
End Cover SCREW.....	1904613	499
End Frame Fastening SCREW 10-32x11/16—C.E. and D.E.....	37872	All except 592-593
End Frame Fastening SCREW (For countersunk hole).....	115403	497
End Frame Attaching SCREW.....	132124	592-593
Motor Terminal STUD.....	826938	All except 459
Motor Terminal STUD.....	35074	459
Motor Terminal STUD (Ground).....	811249	544-549-579-586-590
Pole Piece Attaching SCREW.....	828675	All
Switch Attaching SCREW.....	115353	544-549
WASHERS		
Brush Holder Rivet Plain WASHER.....	815540	All
Brush Holder Rivet Insulation WASHER.....	1860389	All
Brush Holder Rivet Bushing WASHER.....	35728	All
Center Bearing Felt WASHER.....	1840044	482
Felt WASHER—C.E.....	1913975	499-540-594
Motor Terminal Stud Insulation WASHER 3-32 Fibre.....	1913595	All
Motor Terminal Stud Insulation Bushing WASHER 1/16 Fibre.....	1913958	All
Motor Terminal Stud Plain WASHER.....	805790	All
Motor Terminal Stud Plain WASHER (Ground).....	805790	544-549-575-579-581-582-583-584-585-586-590-599
Space WASHER—C.E.....	809815	499-540-594
Space WASHER—C.E.....	1849774	540
Space WASHER—C.E.—Inside.....	1928023	All except 499-540-594
Space WASHER—D.E. (.626x1 $\frac{1}{8}$ x $\frac{1}{8}$).....	809815	540-581-583-584-585-454
Space WASHER—D.E. (.626x1 $\frac{1}{8}$ x $\frac{1}{8}$).....	1849774	454-581-583-584-585
Space WASHER—D.E.—Bendix Shaft.....	1914842	458-459-470-471-482-544-545-549-592-593
Space WASHER—D.E.—Inside.....	1849774	

Parts not listed in this Catalog will not be sold separately.

MINOR PARTS SECTION

Description	Part No.	Used on Models
MISCELLANEOUS		
BALL BEARING—C.E.	907502	499-540-594
BALL BEARING—C.E.	954519	477-479-485-491-492-493-547-575-578-579-581-582-583-584-585-586-592-593-599
BUSHING—For Center Bearing Plate	1839179	477-479-485-491-492-493-499-540-547-575-578-579-581-582-583-584-585-586-594-599
BUSHING—For Center Bearing Plate	1926210	458-459-470-471-482-544-549
BUSHING—For Center Bearing Plate	820148	497-498-545-590
BUSHING—For Commutator End Frame	38296	458-459-470-471-482-497-498-544-545-549
BUSHING—For Commutator End Frame	1839345	590
BUSHING—For Drive End Frame	1857559	592-593
BUSHING—For Drive Housing	826462	477-479-485-491-492-493-499-540-547-575-578-579-581-582-583-584-585-586-594-599
BUSHING—For Drive Housing	810620	458-459-470-471-482-544-545-549
BUSHING—For Drive Housing	812410	497-498-590
Center Bearing Felt Washer RETAINER	1840043	482
Center Bearing GASKET	1839418	477-479-485-491-492-493-499-540-547-575-578-579-582-586-594-599
Center Bearing GASKET	1840069	482-458-459-470-471-544-549
COLLAR—D.E.—Inside	1857560	592-593
End COVER—C.E.	815868	477-479-485-491-492-493-547-575-578-579-581-582-583-584-585-586-592-593-599
End COVER—C.E.	1843663	499-540-594
End Cover GASKET	1835457	499-540-594
End PLUG—C.E. (3/4" dia.)	810819	458-459-470-471-482-497-498-544-545-549-590
End PLUG (1 1/8" dia.)	1865182	Where needed
Field Coil Insulation STRIP (under Stud)	33345	All
Field Coil Insulation STRIP (.010x1"x5")	1902073	491-492-493-547-575-586-592-593
Field Coil INSULATOR (Triangle)	1868810	491-492-493-540-547-549-575-581-583-584-585-586-590-592-593
Magnetic Motor SWITCH	*1369	544-549
OILER—C.E. & D.E.	114998	All
OILER—In Frame	113702	All
Oil TUBE	1922897	All
Oil WICK—In Center Bearing	804076	All
Oil WICK—C. E.	1919851	All
Oil WICK—D. E.	1919851	477-479-485-491-492-493-499-540-547-575-578-579-581-582-583-584-585-586-594-599
Oil WICK—D.E.	802693	592-593
RIVET—Brush Holder	1855434	All

*For parts see Starting Switch—Group 2.



Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

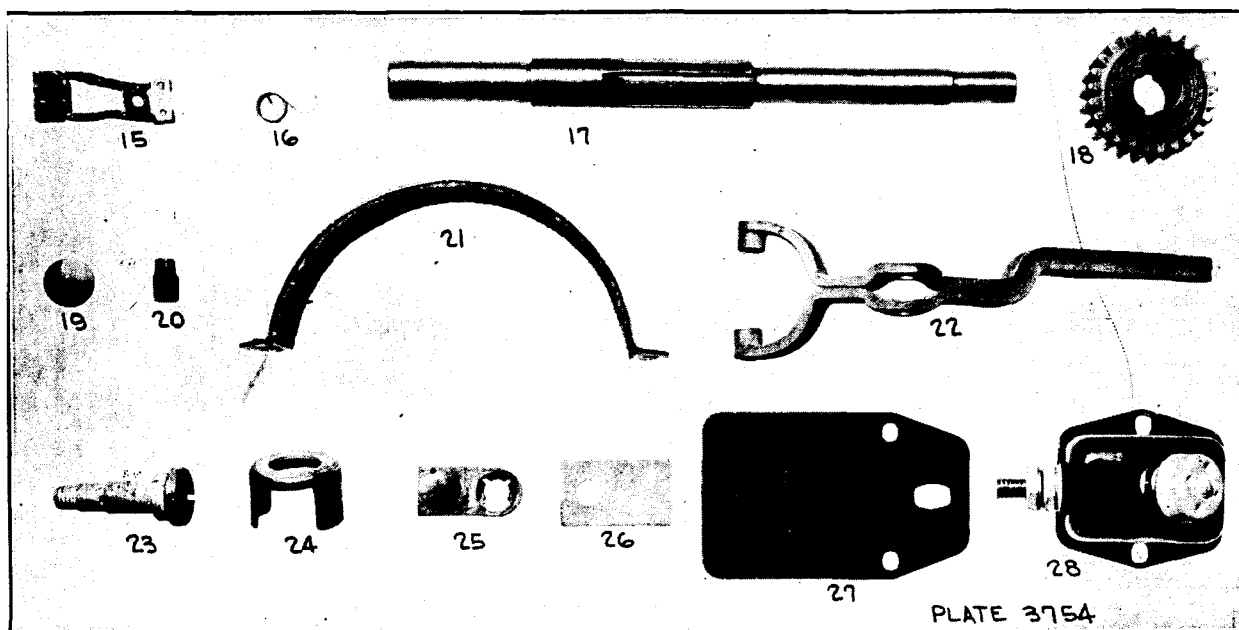
Model No.	Frame and Field Assembly	Field Coil Left c	Field Coil Right c	Field Coil Lower c	Pole Piece	Armature	Commutator End Frame	Gear Housing	Motor Drive Housing	Bushing or Ball Bearing in Drive Housing	Bushing or Ball Bearing in Drive Housing	Drive Housing Cover Plate	Motor Terminal Stud	Motor Drive
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
457		16820	16819	16818	36497	1837058	*38290	1837060	1837056	1839345	1839345	1837055	826938	a19032
481		16837	16836	16835	"	"	"	"	1839954	"	810620	1838989	826938	b1835963
495		16820	16819	16818	"	"	"	"	1837056	"	1839345	1837055	1843104	a1843058
541		"	"	"	"	"	"	"	1843797	"	810620	1838989	826938	b1835963
543		16820	16819	16818	"	"	"	1844207	1844208	"	"	"	"	b1839025
546		"	"	"	"	"	"	1844823	1844824	"	"	"	"	"
548		38279	38278	"	"	"	"	1837060	1845132	"	826462	"	"	b1881585
573		"	"	"	"	"	"	1845829	1845830	"	"	"	"	"
574		"	"	"	"	"	"	"	1845914	1839345	"	"	"	"
580		16820	16819	16818	"	"	"	1837060	1854732	"	1839345	1837055	1858837	a1843058
649		16837	16836	16835	"	"	"	1844207	1862741	1839345	810620	1838989	826938	b1862740
665		38279	38278	"	"	1866846	*1841854	1866848	1866859	954519	1838470	1866856	"	b1840516
666		"	"	"	"	"	"	1866848	1866852	"	"	"	"	b
704		16837	16836	16835	"	1837058	*38290	1844823	1869606	1839345	826462	1838989	"	b1881148
705		1874970	38303	38304	36582	38310	*1841854	1841938	1869622	954519	36969	1840512	826938	a1847181
710		38279	38278	"	36497	1866846	"	1881606	1871549	954519	1838470	1866856	826938	b1840516
713		"	"	"	"	1837058	*38290	1844823	1871824	1839345	826462	1838989	"	b1881585
717		"	"	"	"	1866846	*1841854	1866848	1867728	954519	1838470	1866856	"	b1840516
725		1874970	38303	38304	36582	38310	*	1847178	1847180	"	38273	"	"	a1847181
726		1872567	38347	38346	"	"	"	1839361	1848638	"	36969	1840512	826938	a1848606
727		1874970	38303	38304	"	"	* " "	1866848	1868956	"	1838470	1866856	826938	b1840516
744		38279	38278	"	36497	1837058	*38290	1844207	1844208	1839345	810620	1838989	"	b1857818
747		1874970	38303	38304	36582	38310	*1841854	1839361	1873362	954519	1838470	1840512	"	b1873819
756		38279	38278	"	36497	1866846	"	1881606	1874351	"	"	1866856	"	b1840516
769		1872567	38347	38346	36582	38310	"	1841938	1841937	"	"	1840512	"	b1840519
774		16837	16836	16835	36497	1837058	*38290	1910101	1878554	1839345	826462	1838989	"	b1881148
782		38279	38278	"	"	1866846	*1841854	1866848	1878825	954519	1838470	1866856	"	b1873819
790		"	"	"	"	1837058	*38290	1904930	1878554	1839345	826462	1838989	"	b1881585
798		1874970	38303	38304	36582	38310	1841854	1880913	1880912	954519	1838470	1840512	"	1840516

a—For parts see Motor Drives—Group 4.

b—For parts see Motor Drives—Group 1.

c—Field coils viewed from D.E. with terminal up.

*Brush holder repair package 1901695 may be used to replace Brush rigging.



Illustrations are of Typical Parts only, which may vary in detail. For Parts not illustrated see Minor Parts Section.

Model No.	Brush	Brush Spring	Drive Shaft	Gear on Drive Shaft	End Plug in Gear Housing	Pipe Plug D.E.	Commutator Cover Band	Shift Lever	Shift Lever Stud	Shift Yoke Cover	Switch Contact	Switch Contact Insulation	Switch Insulation	Switch
	15	16	17	18	19	20	21	22	23	24	25	26	27	28
457	16083	34846	1837053	1918332	△36976	103865	1880355	1837049	821866	36031	35089	35090	36056	16210
464	"	"	1839956	"	△810819	"	"	"	"	"	"	"	"	"
495	"	"	1843105	"	"	"	"	1843106	821866	36031	"	"	"	820052
541	"	"	1839956	"	"	"	"	"	"	"	"	"	"	"
543	"	"	"	"	"	"	"	"	"	"	"	"	"	"
546	"	"	"	"	"	"	1843611	"	"	"	"	"	"	"
548	38367	"	□1842554	"	"	"	1880355	"	"	"	"	"	"	"
573	"	"	□	"	⊙103893	"	"	"	"	"	"	"	"	"
574	"	"	□	"	⊙	"	"	"	"	"	"	"	"	"
580	"	"	1843105	"	△810819	"	"	1935524	1917078	"	"	"	"	⊙1515
649	16083	"	1839956	"	"	"	1843611	"	"	"	"	"	"	"
665	38367	"	1866853	1866854	117920	103884	1880355	"	"	"	"	"	"	"
666	"	"	"	"	"	103866	"	"	"	"	"	"	"	"
704	16083	"	1839956	1918332	△810819	103865	"	"	"	"	"	"	"	"
705	38367	"	1848639	1922940	36976	103866	"	1869617	1838393	"	1857271	1857270	"	1857519
710	"	"	1866853	1866854	117920	103884	"	"	"	"	"	"	"	"
713	"	"	1842554	1918332	△810819	103865	"	"	"	"	"	"	"	"
717	"	"	1866853	1866854	117920	103866	"	"	"	"	"	"	"	"
725	"	"	1847187	1922940	36976	103884	"	1847185	1847190	36031	"	"	"	⊙1510
726	"	"	1848639	"	"	103866	"	16990	"	37527	35089	35090	"	16210
727	"	"	1866853	1866854	117920	103884	"	"	"	"	"	"	"	"
744	"	"	1839956	1918332	△810819	103865	1843611	"	"	"	"	"	"	"
747	"	"	1841536	1922940	36976	103866	1880355	"	"	"	"	"	"	"
756	"	"	1866853	1866854	117920	103884	"	"	"	"	"	"	"	"
769	"	"	1840509	1922940	36976	103884	"	"	"	"	"	"	"	"
774	16083	"	1878557	1918332	△810819	103865	"	"	"	"	"	"	"	1571
782	38367	"	1866853	1866854	117920	103884	"	"	"	"	"	"	"	"
790	"	"	1842554	1918332	⊙103893	103865	"	"	"	"	"	"	"	1457
798	"	"	1840509	1922940	36976	103884	"	"	"	"	"	"	"	"

⊙Switch—Group 103.

□1842554 shaft was reoperated necessitating a new washer 1848190.

⊙In housing without bushings use 810819.

△In housing with bushings use 103893.

MINOR PARTS SECTION

NOTE: Most screws, bolts, nuts, lock washers, woodruff keys, and cotter pins are Standard Hardware items and are not available from Delco-Remy. Refer to Standard Hardware sheets in catalog miscellaneous section for dimensions and descriptions.

Name	Part No.	Used on Models
LOCK WASHERS		
Brush Lead Screw LOCK WASHER.....	453844	All
End Frame Attaching Screw LOCK WASHER.....	453435	457-484-541-543-546-548-574-649-704-713-747-756-769-782-798
End Frame Attaching Screw LOCK WASHER.....	138479	573-665-666-705-710-717-725-726-727-747-756-769-782-798
End Cover Plate Screw LOCK WASHER.....	453435	665-666-705-710-725-726-727-747-756-769-782-798
Gear Housing Screw LOCK WASHER.....	453435	495-541-543-546-548-574-580-649-704-713-744-774-790
Gear Housing Attaching Screw LOCK WASHER.....	138484	573-665-666-705-710-717-725-726-727-747-756-769-782-798
Motor Drive Housing Cover Plate Screw LOCK WASHER.....	138479	705-725-726-747-769
Motor Drive Housing Screw LOCK WASHER.....	9421423	481-495-541-543-546-548-574-580-649-704-713-744-774-790
Motor Drive Housing Screw LOCK WASHER.....	138484	457-573-665-666-705-710-717-725-726-727-747-756-759-782-798
Motor Terminal Stud LOCK WASHER.....	9421425	457-541-543-546-548-573-574-665-666-705-710-717-725-744-747-756-769-774-790-798
Switch Mounting Screw LOCK WASHER.....	453435	457-495-705-726-774
Switch Terminal Stud LOCK WASHER.....	9421425	457-484-649-704-713-726-727
Shift Lever Stud Nut LOCK WASHER.....	9421425	495-580-725
Shift Lever Stud LOCK WASHER.....	9421424	705
Shift Lever Cover Screw LOCK WASHER.....	1921637	705
Shift Lever Cover Screw LOCK WASHER.....	453844	726
Solenoid Screw LOCK WASHER.....	1874495	580-725
Switch Attaching SCREW.....	9421423	790
NUTS		
Cover Band Screw NUT.....	453433	All except 546-649-744
Gear Retainer NUT—on Armature Shaft.....	1840517	665-666-705-710-717-725-727-747-756-769-782-798
Gear Retainer NUT—on Armature Shaft.....	36111	726
Motor Terminal NUT ($\frac{3}{8}$ thk.).....	805258	All
Motor Terminal NUT ($\frac{1}{4}$ thk.).....	134566	All
Shift Lever Adjusting Stud NUT.....	120368	705
Shift Lever Stud NUT.....	805258	457-495-580
Switch Terminal Stud NUT.....	805258	457-705-725-726-747-774-782-790
Switch Terminal Stud NUT.....	134566	705-726-747-782
SCREWS		
Brush Lead SCREW, 8-32 $\times\frac{1}{8}$	115607	All
Cover Band SCREW.....	453479	All except 546-649-744
End Frame Attaching SCREW.....	37872	All
End Cover Plate SCREW.....	453319	665-666-705-710-717-725-726-727-747-756-769-782-798
Gear Housing Attaching SCREW, 10-32.....	37872	457-495-541-543-546-548-580-649-704-713-744-774-790
Gear Housing Attaching SCREW (Inside).....	132124	457-495-541-543-546-548-580-649-704-713-744-774-790
Gear Housing Attaching SCREW (Inside).....	1845831	573-574
Gear Housing Attaching Screw (Outside).....	1871521	573-574-665-666-705
Gear Housing Attaching SCREW.....	1872443	710-717-725-726-727-747-756-769-782-798
Motor Drive Housing Cover Plate SCREW.....	141602	705-725-726-747-769-798
Motor Drive Housing SCREW.....	453343	All except 649-665-704-726
Motor Drive Housing SCREW.....	1871521	665-666
Motor Drive Housing SCREW.....	1871529	705
Motor Drive Housing SCREW.....	1872443	710-717-727-756-782
Motor Drive Housing SCREW.....	1871529	725-747-769-798
Pole Piece Attaching SCREW.....	1913960	All
Shift Lever Cover SCREW.....	115607	726
Shift Lever Cover Plate SCREW.....	115466	705
Switch Attaching SCREW, 10-32 $\times\frac{9}{16}$	1914580	457
Switch Attaching SCREW.....	135616	495
Switch Attaching SCREW.....	132900	705-726
Solenoid Mounting SCREW.....	1930611	580-725-774-790
WASHERS		
Brake WASHER—Cork.....	1848641	705-726
Brush Holder Rivet Plain WASHER.....	815540	All
Brush Holder Rivet Insulating WASHER.....	1882247	All
Felt WASHER (Between Gear and Cover Plate).....	813134	457-484-495-541-543-548-573-574-580-649-704-713-744-774-790
Felt WASHER (Shift Lever).....	819709	457-495-725

Parts not listed in this Catalog will not be sold separately.

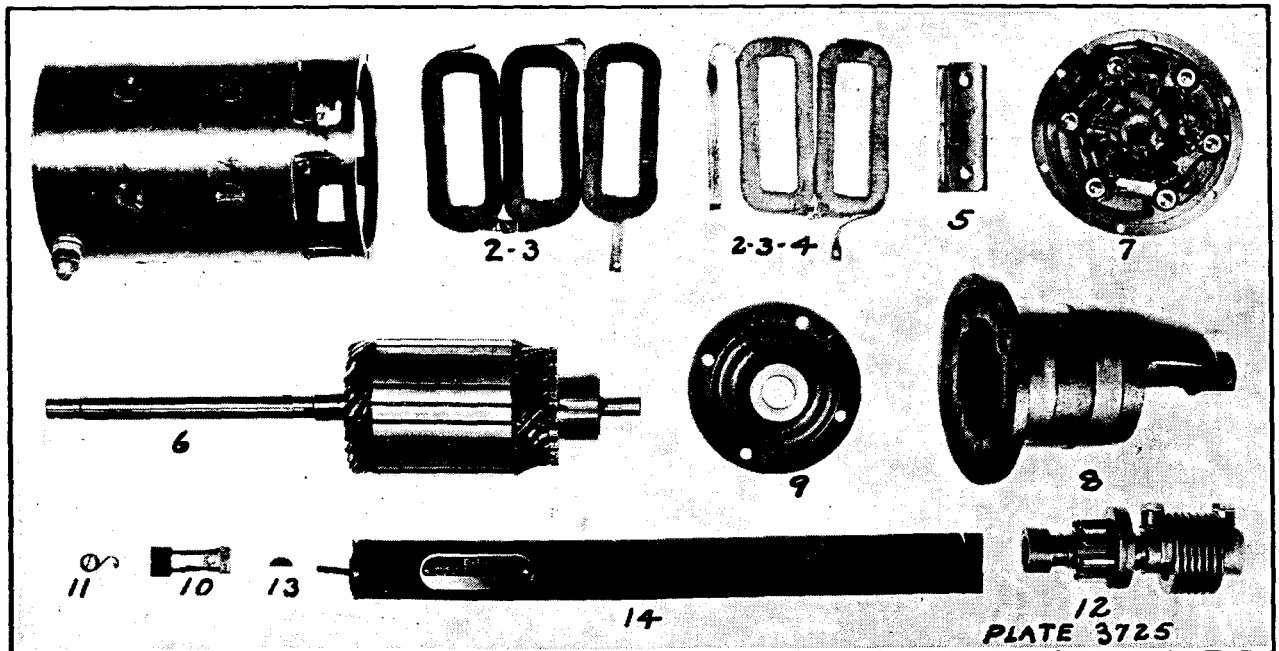
MINOR PARTS SECTION

Name	Part No.	Used on Models
WASHERS—Continued		
Motor Terminal Insulating WASHER (Fibre 3/4" O.D.).....	1913959	All
Motor Terminal Insulating Bushing WASHER.....	1913958	All
Motor Terminal Stud Plain WASHER, 11/16" O.D.—Copper.....	21428	457-705-726
Motor Terminal Stud Plain WASHER, 3/4" O.D.—Steel.....	805790	All
Motor Terminal Stud WASHER, 11/16 O.D.....	812622	495
Motor Terminal Stud WASHER (Shakeproof).....	1837885	495
Oil Throwing WASHER, 1 3/4 O.D.....	809817	457-484-495-541-543-546-548-573-574-580-649-704-713-744-774-790
Shaft WASHER—Gear Housing.....	1919694	665-666-705-710-717-725-726-727-747-756-769-782-798
Space WASHER—C.E.....	1928023	457-484-573-574-704-710-713-717-725-726-727-744-747-756-790-798
Space WASHER—D.E.....	1849774	774
Space WASHER (End of Drive) 7/8 O.D. x 1/16 thick.....	1838568	457-48-580
Space WASHER (Between Gear and Cover Plate).....	819149	457-495-580
Space WASHER (Between Clutch and Cover Plate).....	819468	457-495-580
Space WASHER (Between Armature and Gear Housing).....	1837054	457-484-541-543-546-548-573-574-580-649-704-713-744-774-790
Space WASHER (Between Gear and Bendix).....	809865	484-541-543-546-548-573
Space WASHER (Between Gear and Bendix).....	*1918336	548-573-574-713-790
Space WASHER (Between Gear and Bendix).....	809815	649-704-744-774
Space WASHER (D.E.—.625 I.D. x .907 O.D.).....	808975	484-543-546-649-704-744
Space WASHER (D.E.—.563 I.D. x 63/64 O.D.).....	1914842	484-543-546-548-573-574-649-704-713-744-774-790
Space WASHER—Drive End.....	1905102	665-666-710-717-727-747-756-769-782-798
Space WASHER—Adj. Screw.....	1905382	725
Space WASHER—Shift Lever Cotter Pin.....	1905125	725
Shift Lever Cotter Pin WASHER.....	833795	580
Shift Lever Cotter Pin WASHER.....	1905125	725
Thrust WASHER (C.E. & D.E.).....	1838568	495-541-543-546-548-649-665-666-705-725-769-774-782
MISCELLANEOUS		
BUSHING—In Gear Housing—for Armature Shaft.....	1868060	457-484-495-541-543-546-548-573-574-580-649-704-713-744-774-790
BUSHING—In Gear Housing—for Drive Shaft.....	1868061	457-484-495-541-543-546-548-573-574-580-649-704-713-744-774-790
BUSHING—In Gear Housing—for Drive Shaft.....	1838470	705-725-726-747-769-798
BUSHING—In Gear Housing—for Drive Shaft.....	1866850	665-666-710-717-727-756-782
BUSHING—In Gear Housing—for Armature Shaft.....	1866851	665-666-705-710-717-725-726-727-747-756-769-782-798
Brush Holder RIVET.....	1855434	457-484-495-541-543-546-548-573-574-580-649-665-666-704-705-710-713-717-725-726-727-747-756-769-774-782-790-798
Brush Holder Rivet Insulating BUSHING.....	35728	All
CABLE—Solenoid Connector.....	1847199	725
CONNECTOR—Switch.....	1854739	580
CONNECTOR—Switch.....	1866107	774
CONNECTOR—Switch.....	1903905	790
Connector COVER.....	1854740	580
Commutator End PLUG—3/4" dia.....	810819	457-484-495-541-543-546-548-573-574-580-649-704-713-744-774-790
Cotter PIN.....	112726	580
Dowel PIN—D.E.....	809062	726-747-769-798
End Cover PLATE—C.E.....	815868	665-666-705-710-717-725-726-727-747-756-769-782-798
Field Coil INSULATION (Triangle).....	1868810	495-543-546-548-573-574-665-704-710-713-725-726-727-744-747-756-774-782-790-798
Field Coil Insulation STRIP—Under Stud.....	33345	457-484-495-541-543-546-548-573-574-649-704-705-710-713-725-726-727-744-747-756-769-774-790-798
Field Coil Insulation STRIP (1 1/8 x 2).....	1868835	666-705-717-769
Field Coil Insulation STRIP (.010 x 1" x 5").....	1902073	495-543-546-548-573-665-704-710-713-725-726-727-744-747-774-782
Field Lead CLIP.....	36799	495-580
GASKET—Drive Housing.....	1912929	727
GASKET—Shift Lever Cover.....	37545	726
GEAR—on Armature Shaft.....	1919686	665-666-705-710-717-725-726-727-747-756-769-782-798

*1848190 Shaft washer must be used in place of 812496 with new style Drive Shaft 1842554 after Serial No. 548-350. Also when new style shaft is used on motors under Serial No. 350.

MINOR PARTS SECTION

Name	Part No.	Used on Models
MISCELLANEOUS—Continued		
OILER—C.E.	1880642	665-666-705-710-717-725-726-747-756-769-782-798
OILER—C.E.—Elbow	1871565	727
OILER—D.E.	1880642	713-774-782-790-798
OILER—In Gear Housing	1880642	710-713-756-790
OILER—In Gear Housing or Drive Housing	1880635	705-725-747-769-790
Oil SEAL—D.E.	1859533	725
Oil Seal Retainer SPRING	1859536	725
Oil WICK—D.E.—In Gear Housing	802694	484-495-541-543-546-548-573-574-580-649-704-726-744
Oil WICK—D.E.—In Gear Housing	804076	725-798
Oil WICK—D.E.	809591	747-774
Oil WICK—D.E.	1919851	548-573-574-665-666-710-717-725-727-756-769-782-798
Oil WICK—C.E.	1919851	665-666-705-710-717-725-726-727-747-756-796-782-798-573-574
Oil WICK—In Gear Housing (1 $\frac{3}{8}$ long)	1919851	543-546-573-574-649-666-704-710-713-717-727-744-756-774-782-790
Oil WICK—In Gear Housing	804080	705-726-747-769
Oil WICK—In Gear Housing	802693	665
Pipe PLUG—In Gear Housing	103878	717-747-756-769-782
Pipe PLUG—In Gear Housing	103865	744-774
Shift Lever Cotter PIN	137130	725
Shift Lever LINK and Adjusting Screw	1854737	580
Shift Lever LINK and Adjusting Screw	1847194	725
Shift LEVER—Lower	16991	726
Shift Lever PIN	1853305	580
Shift Lever PIN	1847198	725
Shift Lever PIN	26011	726
Shift Lever SHAFT	36971	726
Shift Lever SPRING	1845936	580
Shift Lever SPRING	1864020	705
Shift Lever SPRING	1847193	725
Shift Lever Spring SUPPORT	1835998	580
Shift Lever Spring SUPPORT	1847192	725
Shift Lever Spring STUD	1847191	725
Space COLLAR—Between Gear and Cover Plate	1847189	705-725-726
Space COLLAR—Between Gear and Cover Plate	1840518	747-769-798
Space COLLAR—Between Gear and Motor Drive	1866855	665-666-710-717-727-756-782
Space COLLAR—Between Gear and Motor Drive	1878558	774
Woodruff KEY— $\frac{3}{8}$ x $\frac{5}{8}$	124546	484-495-541-543-546-548-573-574-580-649-665-666-704-705-710-713-717-725-726-727-744-747-756-769-774-782-790-798
Woodruff KEY (Drive Shaft) $\frac{1}{8}$ x $\frac{3}{4}$	106751	665-666-710-717-727-756-782
Woodruff KEY (For Shift Lever)	106749	726



Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

Model No.	Frame and Field	Field Coil—R.H.	Field Coil—L.H.	Field Coil—Lower	Pole Piece	Armature	Commutator End Frame	Motor Drive Housing	Center Bearing Plate	Brush	Brush Arm Spring	Motor Drive	Wood-ruff Key	Commutator Cover Band
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
640		16819	16820	16818	36497	37895	38290	1841423	16199	16083	34846	1882486	124546	1843611
641								1853450	.....	.....	.....	1850844	.....	.....
642		38276	38275	.....	.....	.....	.....	.....	.....	38367	.....	.....	.....	.....
651		1863160	1872567	1863159	36582	1843657	1843655	1863589	1839177	.....	.....	1881585	.....	1880355
655		16819	16820	16818	36497	1835960	38305	1849914	.....	16083	.....	1881148	.....	1843611
661		37276	38275	.....	.....	37895	38290	16999	16199	38367	.....	1882486	.....	1880355
664		16819	16820	16818	.....	1866090	38290	1866093	820149	16083	.....	1866095	.....	1843611
700						37895	38290	16999	16199	.....	.....	1882486	.....	1880355
706		1863160	1872567	1863159	36582	1843657	1843655	1869708	1839177	38367	.....	1881585	.....	.....
715		38276	38275	.....	36497	1867791	.....	1904065	820149	.....	.....	1857818	.....	1843611
724						37895	38290	1841423	16199	.....	.....	1882486	.....	.....
728		16819	16820	16818	.....	.....	.....	.....	.....	16083	.....	1850844	.....	.....
729		1863160	1872567	1863159	36582	829042	1841854	1869324	1839177	38367	.....	1881585	.....	1880355
731		16819	16820	16818	36497	37895	38290	16999	16199	16083	.....	1882486	.....	.....
734														1843611
745		1863160	1872567	1863159	36582	1843657	1843655	1873303	1839177	38367	.....	1881585	.....	1880355
746		1856865	.....	.....	.....	1873512	.....	1873509	1839177	.....	.....	1857818	.....	.....
750		1863160	1872567	1863159	.....	829042	1841854	1873289	.....	.....	.....	1873782	.....	.....
753								1873806	.....	.....	.....	1881585	.....	1843611
755						1843657	1843655	1857714	.....	.....	.....	.....	.....	1880355
757						829042	1841854	1873806	1839177	.....	.....	.....	.....	.....
758		38278	38279	.....	36497	1860686	38290	1860685	.....	.....	.....	.....	.....	1843611
759		1863160	1872567	1863159	36582	1843657	1843655	1874763	1839177	.....	.....	1883489	124546	1880355
760		16819	16820	16818	36497	37895	37849	1928874	820149	16083	.....	1850844	.....	.....
764		38278	38279	.....	.....	1857480	38290	1877703	820149	38367	.....	1877704	.....	1843611
770		16819	16820	16818	.....	37895	.....	1837251	1865883	16083	.....	1850844	.....	1880355
771		38276	38275	.....	.....	1878157	.....	1878160	820149	38367	.....	1881585	.....	1843611
776		1863160	1872567	1863159	36582	829042	1878621	1881584	1839177	.....	.....	.....	.....	1880355
778						1878701	1841854	1878700	.....	.....	.....	1878704	.....	.....
779		38276	38275	.....	36497	1857480	38290	1984065	820149	.....	.....	1881148	106750	.....
781												1857818	124546	1843611
784		1863160	1872567	1863159	36582	829042	1841854	1879145	1839177	.....	.....	1881585	.....	1880355
785		38278	38279	.....	36497	1878157	38290	1878160	820149	.....	.....	1829969	.....	1843611
787		1863160	1872567	1863159	36582	829042	1878621	1835941	1839177	.....	.....	1881585	.....	1880355
788		38276	38275	.....	36497	37895	38290	16999	16199	.....	.....	1850844	.....	1843611
789								1837251	1865883	.....	.....	.....	.....	1880355

†For parts see Motor Drives—Group 1.

*Six coils assembled.

‡1883879 Drive which has cushion bumper and spring screws 180° apart replaces 1850844 as a unit. Either unit must be repaired by its own parts. See Motor Drive—Group 1.

MINOR PARTS SECTION

NOTE: Most screws, bolts, nuts, lockwashers, woodruff keys, and cotter pins are Standard Hardware items and are not available from Delco-Remy. Refer to Standard Hardware sheets in catalog miscellaneous section for dimensions and description.

Name	Part No.	Used on Models
LOCK WASHERS		
Brush Holder Screw LOCK WASHER.....	453435	715-760
Brush Lead Attaching Screw LOCK WASHER.....	453844	All
Center Bearing Attaching Screw LOCK WASHER.....	1962276	664-715-760-764-771-779-781-785
Center Bearing Screw LOCK WASHER—Countersunk.....	138607	651-655-706-729-745-746-750-753-755-757-759-776-778-784-787
Center Bearing Screw LOCK WASHER.....	138484	651-655-706-719-729-745-746-750-753-755-757-759-770-776-778-784-787-789
Center Bearing Plate Screw LOCK WASHER.....	9421423	640-641-642-661-700-724-728-731-734-784-788
Drive Housing Attaching Screw LOCK WASHER.....	138484	706-745-746-753-755-757-759-776
Drive Housing Screw LOCK WASHER.....	453435	640-641-642-700-724-728-729-731-734-755-758-760-764-770-771-779-781-785-788-789
Drive Housing Screw LOCK WASHER.....	115696	664; 7-8
Drive Housing Screw LOCK WASHER.....	9421423	750
End Cover Plate Screw LOCK WASHER—C.E.....	453435	651-655-706-715-729-745-746-750-753-755-757-759-778-784-787
End Frame Attaching Screw LOCK WASHER (Shakeproof) C.E.....	138479	651-655-706-729-745-746-753-755-757-759-776-784-787
End Frame Attaching Screw LOCK WASHER—C.E.....	453435	640-641-642-661-700-715-724-728-731-734-750-758-760-764-770-771-776-779-781-785-788-789
End Frame Attaching Screw LOCK WASHER—C.E.....	138484	778
End Frame Attaching Screw LOCK WASHER—C.E.....	115693	664
Switch Mounting Screw LOCK WASHER.....	116131	664
Switch Mounting Screw LOCK WASHER.....	453435	706-779
Switch Mounting Screw LOCK WASHER.....	9421423	757-760-770-788-789
Terminal Nut LOCK WASHER.....	142248	779
Terminal Stud Nut LOCK WASHER.....	9421425	640-641-642-655-661-700-706-715-724-728-729-731-734-745-746-750-753-755-757-758-759-760-764-770-771-776-778-781-784-785-787-788-789
Terminal Stud Nut LOCK WASHER.....	1866009	664
Wire Tube Clamp Screw LOCK WASHER.....	453435	731
NUTS		
Shaft NUT—D.E.....	5003117	758
Terminal NUT (¼ thk.) (Switch).....	134569	731-734-778
Terminal Stud NUT (¾ thk.) (also Switch).....	805258	640-641-642-651-655-661-700-706-715-724-728-729-731-734-745-746-750-753-755-757-758-759-760-764-770-771-776-778-779-781-784-785-787-788-789
Terminal Stud NUT (¼ thk.).....	134566	640-641-642-651-655-661-700-706-715-724-728-729-745-746-750-753-755-757-758-759-760-764-770-771-776-778-779-781-784-785-787-789
Terminal Stud NUT (¾ thk.).....	1866088	664
Terminal Stud NUT (¼ thk.).....	1866011	664
Terminal Stud NUT (¾ Hex.—Grd. Stud).....	115343	715-781
Wire Tube Clamp Screw NUT.....	115295	731
SCREWS AND STUDS		
Brush Lead Attaching SCREW.....	115607	All
Center Bearing Attaching SCREW.....	828483	640-641-642-661-700-724-728-731-734-788
Center Bearing Attaching SCREW.....	1872866	651-655-706-729-745-746-750-753-755-757-759-776-778-787
Center Bearing Attaching SCREW—Flat Hd.....	120585	651-655-706-719-729-745-746-750-753-755-757-759-776-778-784-787
Center Bearing Attaching SCREW.....	802795	770-789
Center Bearing Attaching SCREW.....	453319	644-715-764-771-785
Center Bearing Attaching SCREW.....	1904613	760-779-781

Parts not listed in this Catalog will not be sold separately.

MINOR PARTS SECTION

Name	Part No.	Used on Models
SCREWS AND STUDS—Continued		
Cover Band SCREW.....	453479	651-661-700-706-724-729-731-745-746-750-753-755-757-759-760-770-776-778-779-784-787-788-789
Drive Housing Attaching SCREW.....	37872	640-641-642-651-655-664-700-715-724-728-731-734-745-753-755-757-760-764-770-771-776-779-784-785-787-788-789
Drive Housing Attaching SCREW.....	132124	758
Drive Housing Attaching SCREW.....	1914869	750-778
Drive Housing Attaching SCREW.....	1872443	706-746-759
End Cover Plate SCREW—C.E.....	453319	651-655-706-715-729-745-746-750-753-755-757-759-776-778-784-787
End Frame Attaching SCREW—C.E.....	37872	All
Pole Piece SCREW.....	1913960	All except 664-734
Pole Shoe SCREW.....	1866065	664
Pole Shoe SCREW.....	828938	734
Switch Mounting SCREW.....	1866097	664
Switch Mounting SCREW.....	135616	731-779
Switch Mounting SCREW.....	1930611	757-760-770-788-789
Terminal STUD.....	826938	640-641-642-651-655-661-706-715-724-728-729-734-745-746-750-753-755-757-758-759-760-764-770-771-776-778-781-784-785-787-788-789
Terminal STUD.....	826938	642-706-787
Terminal STUD.....	1866087	664
Terminal STUD.....	1843104	731-779
Terminal STUD—Ground.....	811249	706-781
Wire Control SCREW.....	453647	715
Wire Tube Clamp SCREW.....	115563	731
WASHERS		
Brush Holder Rivet Plain WASHER.....	815540	All
Brush Holder Rivet Insulation WASHER.....	1882247	All
Felt WASHER—Between Center Bearing & Motor Drive.....	1880520	760
Felt WASHER—C.E.....	1913975	651-706-715-745-746-755-759
Shaft Nut Plain WASHER—D.E.....	812664	758
Space WASHER—Between Center Bearing & Motor Drive.....	1880521	760
Space WASHER—C.E.....	1928023	640-641-642-655-661-664-700-724-728-729-731-734-750-753-757-758-760-764-770-771-776-778-779-781-784-785-787-788-789
Space WASHER—C.E.....	1849774	651-706-759
Space WASHER—C.E.....	809815	655-715-745-746-755
Space WASHER—C.E.....	1914842	724
Space WASHER—D.E.....	1914842	640-641-642-660-661-700-728-731-734-760-789
Space WASHER—D.E. ($\frac{5}{16} \times 1\frac{1}{8} \times \frac{1}{8}$).....	809815	655
Space WASHER—D.E. ($\frac{5}{16} \times 1\frac{1}{8} \times \frac{1}{8}$).....	1849774	655
Terminal Stud Insulation WASHER ($\frac{3}{4}$ O.D.).....	1913959	All
Terminal Stud Insulation WASHER ($\frac{3}{4}$ O.D.).....	1913958	All
Terminal Stud Plain WASHER.....	811912	658-660-667-709-719-730-733
Terminal Stud Plain WASHER.....	805790	640-641-642-651-655-661-700-715-724-728-729-734-745-746-750-753-755-757-758-759-760-764-770-771-776-778-779-781-784-785-787-788-789
Terminal Stud Plain WASHER.....	1866089	664
Terminal Stud Plain WASHER.....	812622	731-779
Terminal Stud WASHER—Klingtite.....	1837885	731-779
MISCELLANEOUS		
BALL BEARING—C.E.....	954519	655-729-750-753-757-776-778-784-787
BALL BEARING—C.E.....	907502	651-706-715-745-746-755-759
BUSHING—Brush Holder Rivet—Ins.....	35728	All
BUSHING—Commutator End Frame.....	1839345	640-641-642-661-664-700-724-731-758-764-770-771-779-781-788-789
BUSHING—Center Bearing.....	810620	640-641-642-661-724-728-731-734-788
BUSHING—Center Bearing.....	1839179	651-655-706-729-745-746-750-753-755-757-759-776-778-784-787

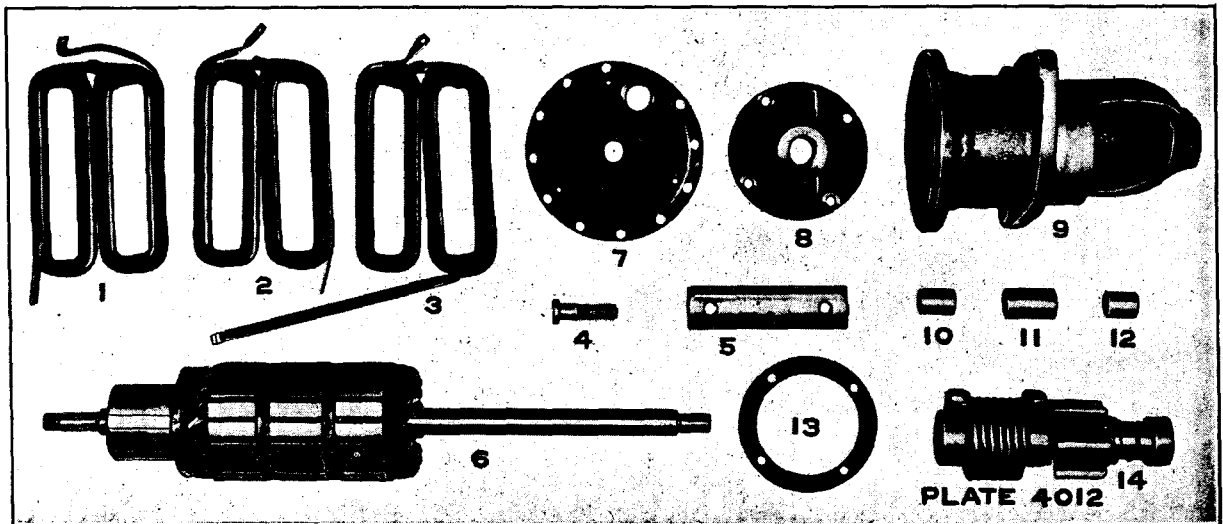
Parts not listed in this Catalog will not be sold separately.

MINOR PARTS SECTION

Name	Part No.	Used on Models
ISCELLANEOUS—Continued		
BUSHING—Center Bearing.....	1926210	770-789
BUSHING—Center Bearing.....	820148	664-700-715-760-764-771-779-781-785
BUSHING—Drive Housing.....	810620	640-641-642-724-760-770-789
BUSHING—Drive Housing.....	826462	651-655-706-729-745-746-750-753- 755-757-759-776-778-784-787
BUSHING—Drive Housing.....	810620	661-700-731-734-788
BUSHING—Drive Housing.....	1839345	664
BUSHING—Drive Housing.....	812410	715-764-771-779-781-785
BUSHING—Drive Housing.....	1857559	758
Center Bearing GASKET.....	1839418	651-655-706-729-745-746-750-753- 755-757-759-776-778-784
Center Bearing GASKET.....	1840069	770-789
Cotter PIN—Shaft Nut—D.E.....	108630	758
End Cover PLATE—C.E.....	1843663	651-706-715-745-746-755-759
End Cover PLATE—C.E.....	815868	729-750-753-757-776-778-784
End Cover Plate GASKET.....	1835457	651-706-715-745-746-755-759
End PLUG—C.E. (3/4 O.D.).....	810819	640-641-642-661-664-700-724-728- 731-734-758-760-764-770-771-779- 781-785-788-789
End PLUG (1/2 O.D.).....	1865182	640-641-642-661
Field Coil Insulation STRIP (Under Stud).....	33345	640-641-642-651-655-661-664-700- 715-724-728-729-734-745-746-750- 753-755-757-758-759-760-764-770- 771-776-778-779-781-784-785-788- 789
Field Coil Insulation STRIP—13".....	1868809	746
Field Coil INSULATION—Triangle.....	1868810	660-746-789
OILER—C.E. and D.E.....	114998	651-655-706-715-729-745-746-750- 753-755-757-758-759-776-778-784
OILER—In Frame.....	113702	651-655-706-729-745-746-750-753- 755-757-759-776-778-784
Oil TUBE—In Frame.....	1922897	651-655-706-729-745-746-750-753- 755-757-759-776-778-784
Oil WICK—C.E.....	1919851	651-655-715-729-745-746-750-753- 757-759-776-778-784
Oil WICK—In Center Bearing.....	804076	651-655-706-729-745-746-750-753- 755-757-759-776-778-784
Oil WICK—D.E.....	1919851	651-655-706-729-745-746-750-753- 757-759-776-778-784
Oil WICK—D.E.....	802693	758
RIVET—Brush Holder.....	1855434	640-641-642-651-655-661-664-700- 706-715-724-728-729-731-734-745- 746-750-753-755-757-758-759-760- 764-770-771-776-778-779-781-784- 785-788-789
Starting SWITCH.....	1871535	706
Starting SWITCH.....	1872405	779
Starting SWITCH.....	1838644	731
Starting SWITCH—Magnetic.....	*1571	760-770
Starting SWITCH—Magnetic.....	*1541	664
Starting SWITCH—Magnetic.....	†1431	757
Starting SWITCH—Magnetic.....	†1423	788
Starting SWITCH—Magnetic.....	*1450	789
Starting Switch LEVER.....	1872685	706
Starting Switch LEVER.....	1838647	731
Starting Switch Lever PIN.....	1838650	706-731-779
Starting Switch Lever Cotter PIN.....	137130	706-731-779
Switch Connector STRAP.....	1866096	664
Switch Connector STRAP.....	1844810	757-788
Switch Connector STRAP.....	1866107	770-789
Switch Connector STRAP.....	1874931	760
Switch CONTACT.....	1857271	706
Switch Contact Ins. STRIP.....	1857270	706
Switch Control Wire Tube CLAMP.....	1838645	731
Switch Side INSULATION.....	816911	731-779
Terminal Connector CLIP—C.E.....	1841569	776

*For parts see Magnetic Switch—Group 4.

†For parts see Magnetic Switch—Group 2.



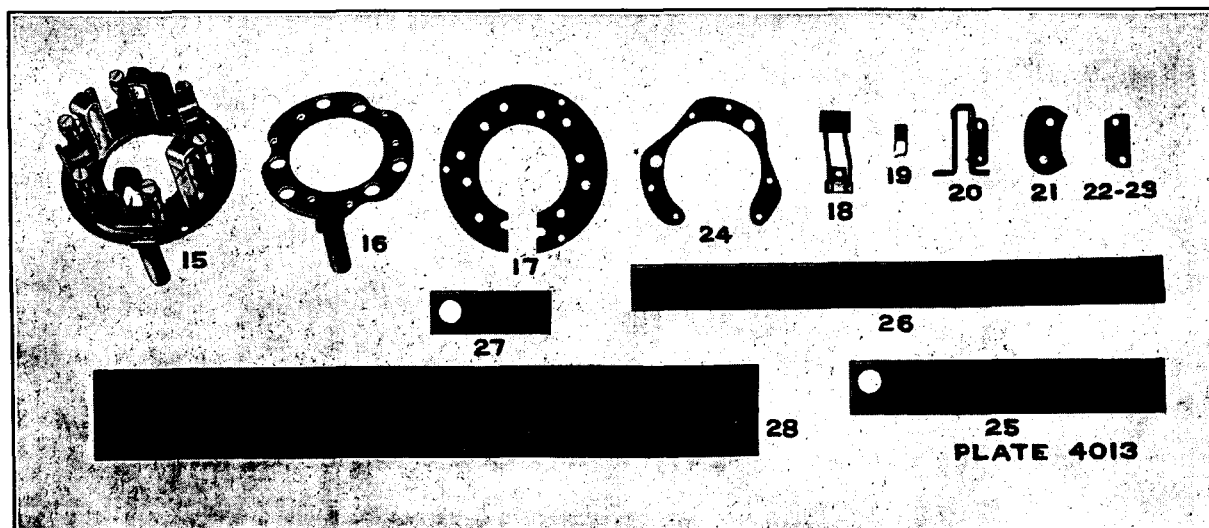
Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

Model No.	† Field Coil R.H.	† Field Coil L.H.	† Field Coil Lower	Field Terminal Stud	Pole Shoe	Armature	Commutator End Frame	Center Bearing Plate	Motor Drive Housing	Bushing for Commutator End	Bushing for Center Bearing	Bushing for Drive Housing	Gasket for Center Bearing	Motor Drive
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
658	1872568	1872567	1872567	.....	36582	1864949	1861777	1839177	1864961	38273	1839179	826462	1839418	†1883489
660	1863160	1872567	1863159	1861906	"	"	"	"	1865522	"	"	"	"	†1883693
667	"	"	"	"	"	1866950	"	"	1866951	"	"	"	"	†1881585
709	"	"	"	"	"	1864949	"	"	1871205	"	"	"	"	†
719	"	"	"	"	"	"	"	"	1865522	"	"	"	"	†1883489
730	"	"	"	"	"	"	"	"	1872062	"	"	"	"	†1883693
733	"	"	"	"	"	"	"	"	1865522	"	"	"	"	†1883489
736	1872568	"	1872567	.....	"	"	"	"	1872805	"	"	"	"	†1881585
743	"	"	"	"	"	1873153	"	"	1873157	"	"	1839179	"	†1857327
752	1863160	"	1863159	1861906	"	1864949	"	1839177	1873847	"	1839179	.....	1839418	†1883693
754	1872568	"	1872567	.....	"	1873902	"	"	1865522	"	"	826462	"	†1883489
761	1874971	1874970	1874970	.....	"	1864949	"	"	1872805	"	"	"	"	† 829969
767	1863160	1872567	1863159	1861906	"	"	"	"	1865522	"	"	"	"	†1881585
773	"	"	"	"	"	"	"	"	1873847	"	"	"	"	†1883693
780	"	"	"	"	"	"	"	"	1878787	"	"	826462	"	†1881585
799	"	"	"	"	"	"	"	"	1880965	"	"	.....	"	†1927104

†For parts see Motor Drives—Group 1.

†For parts see Motor Drives—Group I-A.

†Field coils are located with terminal up and viewed from drive end.



Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

Model No.	Brush Plate Assembly less Brushes	Brush Plate and Stud	Brush Plate Ins. Plate	Brush	Brush Spring	Brush Holder	Brush Holder Ins. Plate	Brush Holder Space Plate Gr. Br.	Brush Holder Space Plate Ins. Br.	Brush Holder Screw Support Plate	Field Ins. Strip 8½"	Field Ins. Strip 13"	Field Ins. Strip 3"	Commutator Cover Band
	15	16	17	18	19	20	21	22	23	24	25	26	27	28
658	1872714	1861782	1861779	38367	1861785	1905043	1965093	1861781	1865925	1861790	1863173	1868809	1868811	1861900
660	"	"	"	"	"	"	"	"	"	"	"	"	"	"
667	"	"	"	"	"	"	"	"	"	"	"	"	"	"
709	"	"	"	"	"	"	"	"	"	"	"	"	"	"
719	"	"	"	"	"	"	"	"	"	"	"	"	"	"
730	"	"	"	"	"	"	"	"	"	"	"	"	"	"
733	"	"	"	"	"	"	"	"	"	"	"	"	"	"
736	"	"	"	"	"	"	"	"	"	"	"	"	"	"
743	"	"	"	"	"	"	"	"	"	"	"	"	"	"
752	"	"	"	"	"	"	"	"	"	"	1863173	"	1868811	"
754	"	"	"	"	"	"	"	"	"	"	"	"	"	"
761	"	"	"	"	"	"	"	"	"	"	"	"	"	"
767	"	"	"	"	"	"	"	"	"	"	1863173	"	1868811	"
773	"	"	"	"	"	"	"	"	"	"	"	"	"	"
780	"	"	"	"	"	"	"	"	"	"	"	"	"	"
799	"	"	"	"	"	"	"	"	"	"	"	"	"	"

Revised to June 1, 1969

SERVICE PARTS CATALOG

MINOR PARTS SECTION

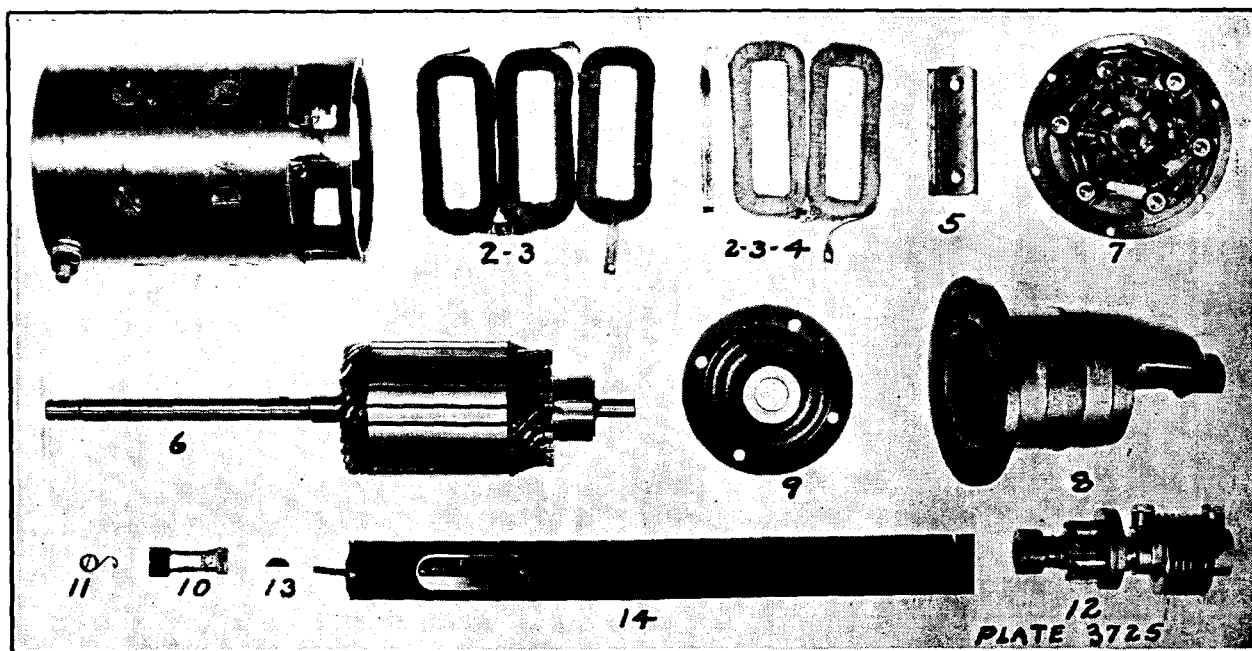
Name	Part No.	Used on Models
LOCK WASHERS		
Lock Washer—Brush Holder Screw.....	453435	All
Lock Washer—Brush Plate Ins. Plate Screw.....	1904376	All
Lock Washer—Brush Lead Attaching Screw.....	453844	All
Lock Washer—Center Bearing Screw—Countersunk.....	138607	658-660-667-709-719-730-733-736-752-754-761-767-773-780-799
Lock Washer—Center Bearing Screw.....	138484	658-660-667-709-719-730-733-736-754-761-767-799
Lock Washer—Center Bearing Screw.....	453435	752-773-780
Lock Washer—Drive Housing Attaching Screw.....	9421423	658-660-667-709-719-730-733-736-752-754-761-773-780-799
Lock Washer—Drive Housing Attaching Screw.....	9421423	743
Lock Washer—End Frame Attaching Screw—C.E.....	9421423	658-660-667-709-719-730-733-736-743-752-754-761-767-773-780-799
Lock Washer—Field Coil Ground Screw.....	453844	658-736-743-754-761
Lock Washer—Switch Attaching Screw.....	9421423	752-754-773-799
Lock Washer—Terminal Stud Nut.....	9421427	658-660-667-709-719-730-733-736-752-754-761-767-773-780
NUTS		
Nut—Terminal Stud ($\frac{1}{8}$ thk.).....	120238	658-660-667-709-719-730-733-736-752-754-761-767-773-780-799
Nut—Terminal Stud ($\frac{1}{4}$ thk.).....	120378	658-660-667-709-719-730-733-736-752-754-761-767-773-780-799
SCREWS AND STUDS		
Screw—Brush Holder—Long—Insulated Brush.....	1904982	All
Screw—Brush Holder—Short—Insulated Brush.....	453339	All
Screw—Brush Holder—Long—Ground Brush.....	1904983	All
Screw—Brush Holder—Short—Ground Brush.....	1914800	All
Screw—Brush Lead Attaching.....	453418	All
Screw—Brush Plate Insulation Plate.....	132760	All
Screw—Center Bearing Attaching—Hex.....	1913127	658-660-667-709-719-730-733-736-752-754-761-767-773-780-799
Screw—Center Bearing Attaching—Flat Hd.....	120585	658-660-667-709-719-730-733-736-752-754-761-767-773-780-799
Screw—Drive Housing Attaching ($\frac{1}{4}$ -28x1 $\frac{1}{8}$).....	1914869	658-660-667-709-719-730-733-736-752-761-773-780-799
Screw—Drive Housing Attaching ($\frac{1}{4}$ -28x $\frac{3}{4}$).....	274946	658-660-667-709-719-730-733-736
Screw—Drive Housing Attaching.....	1886166	743
Screw—End Frame Attaching—C.E. ($\frac{1}{4}$ -28x1 $\frac{3}{8}$).....	1913128	658-660-667-709-719-730-733-736-743-752-754-761-767-773-780-799
Screw—End Frame Attaching—C.E. ($\frac{1}{4}$ -28x1 $\frac{1}{2}$).....	123467	658-660-667-709-719-730-733-736
Screw—Field Coil Ground.....	455957	658-736-743-754-761
Screw—Pole Piece.....	1913960	All
Screw—Switch Attaching.....	1930611	752-754-773-799
Stud—Terminal—C.E.....		Not sold separate
WASHERS		
Washer—Brush Holder Screw Insulation.....	1913080	658-660-667-709-719-730-733-736-752-754-761-767-773-780-799
Washer—Brush Plate Screw.....	810794	658-660-667-709-719-730-733-736-743-752-754-761-767-773-780-799
Washer—Plain—End Frame Screw—C.E.....	1904987	All
Washer—Plain—End Frame Screw—D.E.....	1904987	All except 743
Washer—Plain—Field Lead Ground Screw.....	1914476	658-736-743-754-761
Washer—Space—C.E.....	1914842	658-667-709-719-730-733-743-752-761-767-773-780-799
Washer—Space—D.E.....	1849774	658-733
Washer—Terminal Stud Ground.....	1871387	709-719-780
Washer—Terminal Stud Insulation ($\frac{1}{8}$ O.D.).....	1861791	658-660-667-709-719-730-733-736-752-754-761-767-773-780-799
Washer—Terminal Stud Insulation ($\frac{1}{4}$ O.D.).....	1861792	658-660-667-709-719-730-733-736-752-754-761-767-773-780-799
Washer—Terminal Stud—Plain.....	811912	658-660-667-709-719-730-733-736-752-754-761-767-773-780-799
MISCELLANEOUS		
End PLUG—C.E.....	103893	754
Field Coil INSULATOR (Triangle).....	1868810	658-660-667-709-719-730-733-736-743-752-754-761-767-780-799
Magnetic Starting SWITCH.....	1423	752-754-773

Parts not listed in this Catalog will not be sold separately.

MINOR PARTS SECTION

Name	Part No.	Used on Models
ISCELLANEOUS—Continued		
Magnetic Starting SWITCH.....	1118008	799
OILER—C.E. & D.E.....	1880642	658-660-667-709-719-730-733-736-743-752-754-761-767-773-780-799
OILER—In Frame.....	1880635	658-660-667-709-719-730-733-736-752-754-761-767-773-780-799
Oil TUBE—In Frame.....	1922897	658-660-667-709-719-730-733-736-752-761-767-773-780-799
Oil WICK—In Center Bearing.....	804076	658-660-667-709-719-730-733-736-752-754-761-767-773-780-799
Oil WICK—D.E.....	1919851	658-660-667-709-719-729-730-752-754-767-780
Oil WICK—C.E.....	1919851	All
Oil WICK—D.E.....	1916439	709-736-761-780
Oil WICK—D.E.....	802693	743
Oil WICK—Motor Drive Housing.....	1919851	719
Space COLLAR—Inside—D.E.....	1873250	743
Switch Connector CABLE.....	2970848	754
Switch Connector STRAP.....	1873848	752-767
Switch Connector STRAP.....	1880966	799
Terminal CLIP—For Battery Cable.....	1856850	799
Woodruff KEY.....	124546	736-743-752-754-761-767-780-799

*For parts see Magnetic Starting Switch—Group 2-A.



Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

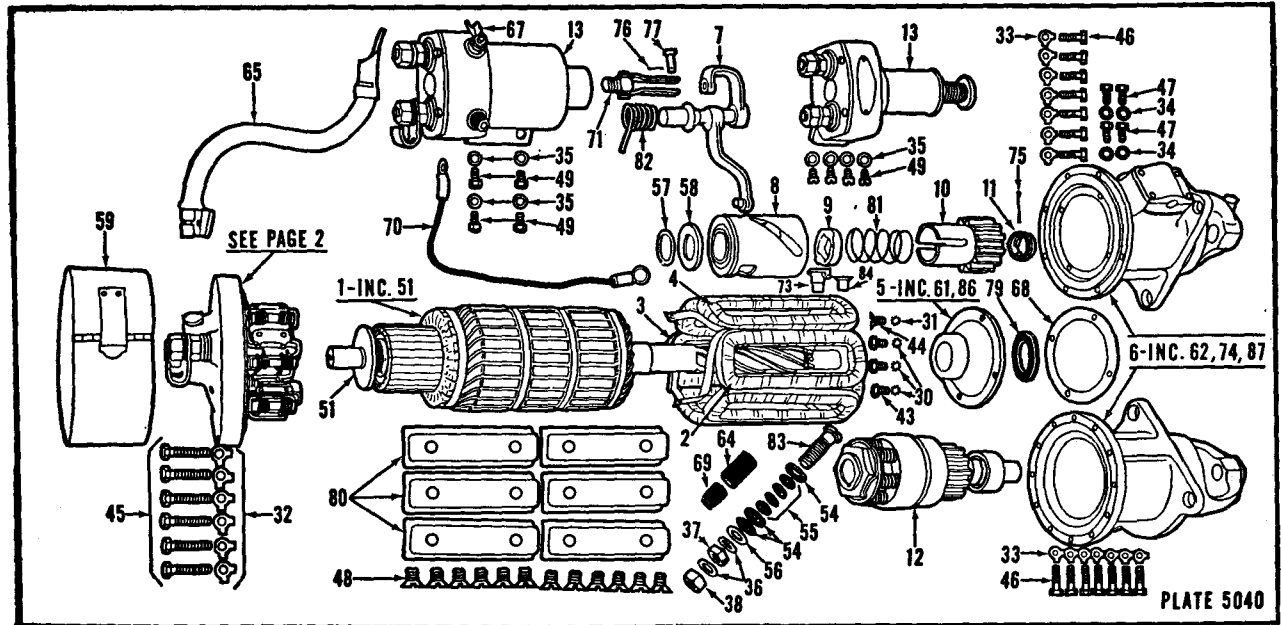
Model No.	Frame and Field	Field Coil R.H.	Field Coil L.H.	Field Coil Lower	Pole Piece	Armature	* C.E. Frame	Motor Drive Housing	Center Bearing Plate	Brush	Brush Spring	Motor Drive	Woodruff Key	Commutator Cover Band
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
793		1863160	1863158	1863159	36582	1843657	1843655	1880606	1857712	38367	34846	* 18141	124546	1880355
794		"	"	"	"	829042	1841854	1880682	1841020	"	"	"	"	"
795		"	"	"	"	1843657	1843655	1874763	"	"	"	*1883693	"	"

*For parts see Motor Drive—Group 1.

*Brush Holder repair Package No. 1901695 may be used to replace Brush Rigging.

MINOR PARTS SECTION

Name	Part No.	Used on Models
LOCK WASHERS		
Lock Washer—Brush Lead Attaching Screw.....	106496	793-4-5
Lock Washer—Center Bearing Attaching Screw.....	138484	793-4-5
Lock Washer—Center Bearing Attaching Screw—Countersunk.....	138604	793-4-5
Lock Washer—Commutator End Cover Plate Screw.....	106497	793-4-5
Lock Washer—Commutator End Frame Attaching.....	114603	793-4-5
Lock Washer—Motor Drive Housing Screw.....	114603	793-4
Lock Washer—Motor Drive Housing Screw.....	138484	795
Lock Washer—Switch Mounting Screw.....	103319	794
Lock Washer—Terminal Stud.....	110730	793-4-5
NUTS		
Nut—Cover Band Screw.....	103088	793-4-5
Nut—Terminal Stud ($\frac{3}{8}$ thk.).....	805258	793-4-5
Nut—Terminal Stud ($\frac{1}{4}$ thk.).....	134566	793-4-5
SCREWS		
Screw—Brush Lead Attaching.....	115607	793-4-5
Screw—Center Bearing Attaching—Hex. hd.....	1905046	793-4-5
Screw—Center Bearing Attaching—Flat hd.....	113989	793-4-5
Screw—Commutator End Cover Plate.....	142210	793-4-5
Screw—Commutator End Frame Attaching.....	37872	793-4
Screw—Commutator Cover Band.....	132926	793-4-5
Screw—Motor Drive Housing.....	37872	793-4-5
Screw—Motor Drive Housing.....	1872443	795
Screw—Pole Shoe.....	828675	All
Screw—Switch Mounting.....	1860959	794
WASHERS		
Washer—Brush Holder Rivet Plain.....	24754	793-4-5
Washer—Brush Holder Insulation.....	1860389	793-4-5
Washer—Felt—C.E.....	1843662	793-95
Washer—Felt—Between Center Bearing and Motor Drive.....	1880685	794
Washer—Space—Between Center Bearing and Motor Drive.....	1880686	794
Washer—Space—C.E.....	1849774	793-95
Washer—Space—C.E.....	1838568	794
Washer—Terminal Stud Ins. ($\frac{3}{4}$ O.D.).....	1861076	793-4-5
Washer—Terminal Stud ($\frac{1}{4}$ O.D.).....	1904669	793-4-5
Washer—Terminal Stud Plain.....	805790	793-4-5
MISCELLANEOUS		
Ball BEARING—C.E.....	907502	793-5
Ball BEARING—C.E.....	954519	794
BUSHING—Brush Holder Rivet Ins.....	35728	793-4-5
BUSHING—Center Bearing.....	1839179	793-4-5
BUSHING—Motor Drive Housing.....	826462	793-4-5
GASKET—Commutator End Cover Plate.....	1835457	793-5
GASKET—For Center Bearing Plate.....	1839418	793-5
INSULATION—Field Coil Strip (under Stud).....	33345	793-4-5
INSULATION—Field Coil Strip (.010x1"x5").....	1902073	793-4-5
INSULATION—Field Coil Strip (Triangle).....	1868810	793-4-5
LEAD—Switch Ground.....	1855730	794
OILER—In Field Frame.....	1880635	793-4-5
OILER—C.E.....	1880642	793-4-5
OILER—D.E.....	1880642	793-4-5
Oil TUBE—In Field Frame.....	1839180	793-4-5
Oil WICK—C.E.....	802692	793-4-5
Oil WICK—In Center Bearing.....	804076	793-4-5
Oil WICK—D.E.....	802696	793-4-5
PLATE—Commutator End Cover.....	1843663	793-5
PLATE—Commutator End Cover.....	815868	794
RIVET—Brush Holder.....	1855434	793-4-5
SWITCH—Magnetic.....	1423	794
Terminal STUD.....	826938	793-4-5



Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

Model No.	Arma- ture	Field Coil — L.H.	Field Coil — Lower	Field Coil — R.H.	Plate — Center Bearing	Housing — Drive	Lever — Shift	Sleeve — Shift	Guide — Pinion	Pinion — Drive	Collar — Stop	Drive Assem.	Switch
	1	2	3	4	5	6	7	8	9	10	11	12	13
645	1880232	1863158	1863159	1863160	1905173	1856825	1856827	1856831	1906081	1944863	1872650		*407-C
646	"	"	"	"	"	"	1857822	"	"	"	"		▲*1118043
650	"	"	"	"	"	1864011	1864012	"	"	1944859	"		▲* " "
653	"	"	"	"	"	1886025	1857822	"	"	1944863	"		▲* " "
659	"	"	"	"	"	1865128	1865578	"	"	"	"		□*1118053
662	"	"	"	"	"	1859505	1857822	"	"	"	"		▲*1118043
668	"	"	"	"	"	1866986	1864012	"	"	1944859	"		▲* " "
669	"	"	"	"	"	1867135	"	"	"	1944863	"		▲* " "
702	"	"	"	"	"	1869457	"	"	"	1944859	"		▲* " "
707	"	"	"	"	"	1866986	"	"	"	1944863	"		▲* " "
708	"	"	"	"	"	1871229	"	"	"	"	"		▲* " "
711	"	"	"	"	"	1869457	1905498	"	"	"	"		▲* " "
735	"	"	"	"	"	1866986	1864012	"	"	1944859	"		▲* " "
738	1873064	1873056	1873062	1873059	1873083	1873067	"	"	"	"	"		□*1118053
739	"	1863158	1863159	1863160	1905173	1873110	1905498	"	"	1944863	"		□*1118068
740	1873095	1862940	1862942	1862941	"	1888422	1864012	1857390	1906149	1857377	*1872651		□*1118053
741	1873064	1863158	1863159	1863160	1905172	1873127	"	1856831	1906081	1944863	*1872650		□* " "
742	1873095	1862940	1862942	1862941	"	1888419	"	1857390	1906149	1857377	*1872651		□* " "
751	1873064	1863158	1863159	1863160	1877702	1873807	"	1856831	1906081	1944859	*1872650		□* " "
762	"	"	"	"	1905173	1877513	"	"	"	1944863	"		▲*1118043
763	"	"	"	"	1877702	1877668	"	"	"	"	"		□*1118053
766	1880232	"	"	"	1906096	1878014	1905498	"	"	1878008	"		▲*1118043
768	"	"	"	"	1905173	1869457	1864012	"	"	1944863	"		▲* " "
772	"	"	"	"	"	"	"	"	"	"	"		▲* " "
777	1873064	1873056	1873062	1873059	1873083	1873067	"	"	"	"	"		□*1118053
786	"	1863158	1863159	1863160	1879598	1879432	"	"	"	"	"		□* " "
791	1880432	1874969	1874970	1874971	1864747	1880431	1880486	1864743	1906149	1923292	1872651		○1118046
796	1880232	1863158	1863159	1863160	1905173	1864011	1864012	1856831	1906081	1944863	1872650		▲*1118043

*For parts see Switch—Group 101.

°For parts see Switch—Group 103.

*For parts see Switch—Group 105.

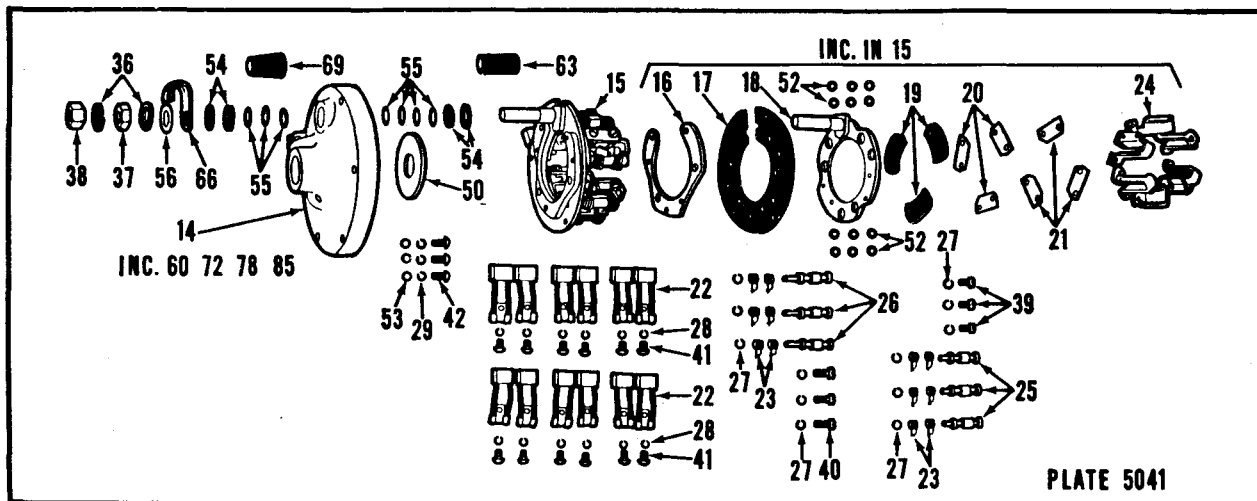
▲Earlier units use 1524 Solenoid, see Switch—Group 101 for parts.

□Earlier units use 1536 Solenoid, see Switch—Group 101 for parts.

†Earlier units with armature shaft not drilled used 1860824 Stop Collar and 1860725 Lock Wire.

°Earlier units with armature shaft not drilled used 1868193 Stop Collar and 1872936 Screw.

‡Field Coils are located with terminal up and viewed from drive end.



Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

Model No.	Frame C.E.	Plate Assem. Brush	Plate Support	Insulator Brush Plate	Plate & Stud Brush	Insulator Brush Holder	Plate Space Insul. Holder	Plate Space Grd. Holder	Brush	Spring Brush	Holder Brush	Screw Grd. Holder	Screw Insul. Holder
	14	15	16	17	18	19	20	21	22	23	24	25	26
615	1861777	1871714	1861790	1861779	1861782	1861783	1865925	1861781	38367	1861785	1861784	1861787	1861786
616	1865389	"	"	"	"	"	"	"	"	"	"	"	"
650	1861777	"	"	"	"	"	"	"	"	"	"	"	"
653	"	"	"	"	"	"	"	"	"	"	"	"	"
659	"	"	"	"	"	"	"	"	"	"	"	"	"
662	1862930	"	"	"	"	"	"	"	"	"	"	"	"
668	"	"	"	"	"	"	"	"	"	"	"	"	"
669	1861777	"	"	"	"	"	"	"	"	"	"	"	"
702	1865389	"	"	"	"	"	"	"	"	"	"	"	"
707	1862930	"	"	"	"	"	"	"	"	"	"	"	"
708	1861777	"	"	"	"	"	"	"	"	"	"	"	"
711	1865389	"	"	"	"	"	"	"	"	"	"	"	"
735	1862930	"	"	"	"	"	"	"	"	"	"	"	"
738	"	"	"	"	"	"	"	"	"	"	"	"	"
739	1888403	"	"	"	"	"	"	"	"	"	"	"	"
740	1865389	"	"	"	"	"	"	"	"	"	"	"	"
741	"	"	"	"	"	"	"	"	"	"	"	"	"
742	"	"	"	"	"	"	"	"	"	"	"	"	"
751	"	"	"	"	"	"	"	"	"	"	"	"	"
762	"	"	"	"	"	"	"	"	"	"	"	"	"
763	"	"	"	"	"	"	"	"	"	"	"	"	"
766	"	"	"	"	"	"	"	"	"	"	"	"	"
768	"	"	"	"	"	"	"	"	"	"	"	"	"
772	"	"	"	"	"	"	"	"	"	"	"	"	"
777	1862930	"	"	"	"	"	"	"	"	"	"	"	"
786	1872914	"	"	"	"	"	"	"	"	"	"	"	"
791	1865389	"	"	"	"	"	"	"	"	"	"	"	"
796	1861777	"	"	"	"	"	"	"	"	"	"	"	"

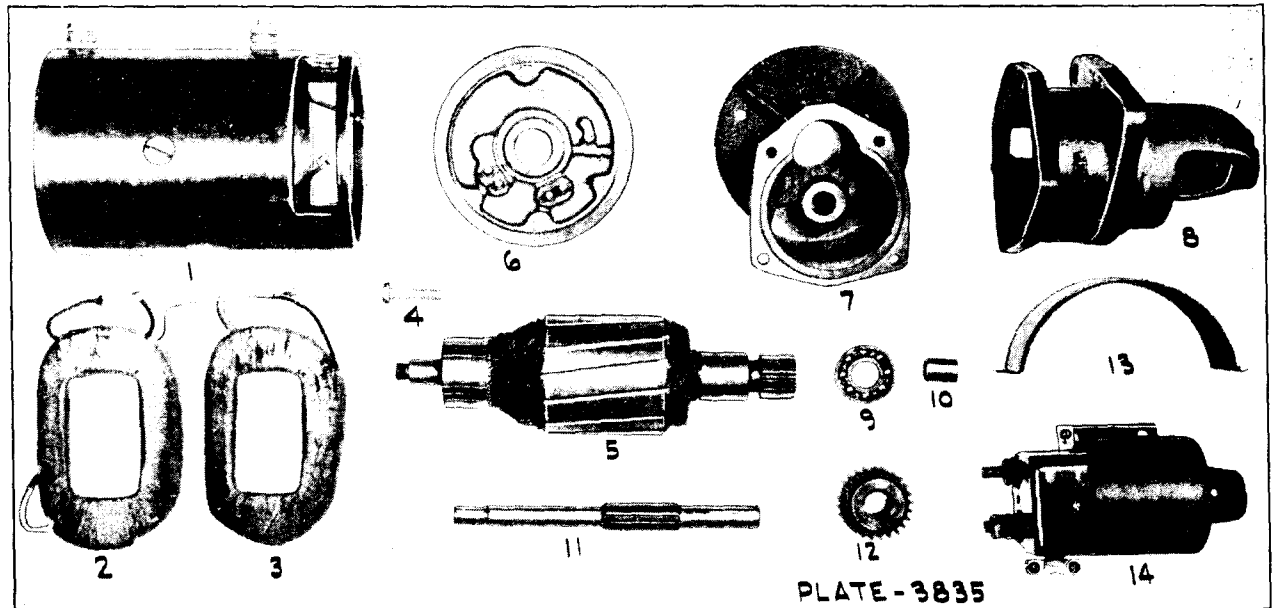
MINOR PARTS SECTION

Illus. No.	Name	Part No.	Used on Models
LOCK WASHERS			
27	Lock Washer—Brush Holder Screw.....	120217	All
28	Lock Washer—Brush Lead Attaching Screw.....	121841	All
29	Lock Washer—Brush Plate Assembly Attaching Screw.....	1904376	All
30	Lock Washer—Center Bearing Attaching Screw.....	138484	All
31	Lock Washer—Center Bearing Attaching Screw— Countersunk.....	138604	738-9; 41-2; 51; 63; 77; 86; 91
32	Lock Washer—C.E. Frame Attaching Screw.....	1873008	All
33	Lock Washer—D.E. Frame Attaching Screw.....	1873008	All
34	Lock Washer—D.E. Cover Plate Screw.....	121637	650-9; 69; 702-7-8; 11; 35; 40-1-2; 51; 62-3-6-8; 72-7; 86; 91-6
....	Lock Washer—Shift Lever Stud.....	120381	645-6; 53; 62
....	Lock Washer—Field Coil Ground Screw.....	1904376	791
35	Lock Washer—Switch Mounting Screw.....	1874495	646; 50-3-9; 62-8-9; 702-7-8; 11; 35-8-9; 40-1-2; 51; 62-3-6-8; 72-7; 86; 96
35	Lock Washer—Switch Mounting Screw.....	120380	645; 791
36	Lock Washer—Terminal Stud.....	1902494	All
NUTS			
....	Nut—Shift Lever Stud.....	805258	645-6; 53; 62
37	Nut—Terminal Stud ($\frac{5}{16}$ thk.).....	1873333	All
38	Nut—Terminal Stud ($\frac{1}{8}$ thk.).....	120378	All
SCREWS			
39	Screw—Brush Holder—Ground Brush.....	1914800	All
40	Screw—Brush Holder—Insul. Brush.....	453339	All
41	Screw—Brush Lead.....	453418	All
42	Screw—Brush Plate Assembly Attaching.....	9417096	All
43	Screw—Center Bearing Attaching—Hex. head.....	1913127	All
44	Screw—Center Bearing Attaching—Flat head.....	113989	738-9; 40-1-2; 51; 63; 77; 86; 91
45	Screw—C.E. Frame Attaching.....	1913128	All
....	Screw—Cover Band.....	453479	772
46	Screw—Drive Housing Attaching.....	1874497	All
47	Screw—Drive Housing Cover Attaching.....	455576	650-9; 68-9; 702-7-8; 35-8-9; 40-1-2; 51; 62-3-6-8; 72-7; 86; 91-6
....	Screw—Field Coil Ground.....	455957	791
....	Screw—Pinion Stop.....	1914642	738-9; 40-1-2; 51; 62-3; 86
48	Screw—Pole Shoe.....	1913960	All
49	Screw—Switch Mounting.....	1860959	646-8; 50-2-3-9; 62-8-9; 702-7-8; 11; 35- 8-9; 40-1-2; 51; 62-3-6-8; 72-7; 86; 91-6
49	Screw—Switch Attaching.....	1913127	645
WASHERS			
50	Washer—Brake—C.E.—Fibre.....	1858490	All
51	Washer—Brake Shoe.....	1856819	All
52	Washer—(Insul.) Brush Holder Screw.....	1861788	All
53	Washer—Brush Plate Attaching Screw.....	810794	All
....	Washer—Plain—C.E. & D.E. Frame Screw.....	1904987	645; 50-3-9; 702-7-8; 11; 35-8-9; 40-1-2; 51; 63-6-8; 72-7; 86; 91-6
....	Washer—Plain—Field Coil Ground Screw.....	813731	739
54	Washer—Insul.—Terminal Stud ($\frac{7}{8}$ O.D.).....	1861791	All
55	Washer—Insul.—Terminal Stud ($\frac{1}{4}$ O.D.).....	1861792	All
56	Washer—Plain—Terminal Stud.....	811912	All
57	Washer—Space—Between Center Brg. & Shift Sleeve.....	1906089	All
58	Washer—Space—Cupped—Between Center Brg. & Shift Sleeve.....	1906090	All
....	Washer—Shift Lever Link Adjusting Screw.....	810085	646; 50-2-3-7-9; 62-9; 702-7-8; 11; 35-8-9; 40-1-2; 51; 62-3-6-8; 72-7; 86; 91-6
MISCELLANEOUS			
59	BAND—Cover.....	1861900	645-6 50-3-9; 62-8-9; 702-7-8; 11; 35-8-9; 40-2; 51; 62-3-6-8; 77; 86; 91
59	BAND—Cover.....	1873122	741
59	BAND—Cover.....	1905128	772
60	BUSHING—C.E.....	38273	All
61	BUSHING—Center Bearing.....	1877962	All except 791
61	BUSHING—Center Bearing.....	1864749	791
62	BUSHING—D.E.....	1856826	All except 791
62	BUSHING—D.E.....	1862106	791

Parts not listed in this Catalog will not be sold separately.

MINOR PARTS SECTION

No. Illus.	Name	Part No.	Used on Models
	MISCELLANEOUS—Continued		
65	CABLE—Switch Connector.....	1861902	645; 62
65	CABLE—Switch Connector.....	1863579	646; 50-3; 68-9; 702-7; 11; 39; 40; 62-6-8; 72; 96
65	CABLE—Switch Connector.....	1872611	735
65	CABLE—Switch Connector.....	1869781	708; 38; 41-2; 77; 86
65	CABLE—Switch Connector.....	1873858	751; 63
65	CABLE—Switch Connector.....	1879758	791
66	CLIP—For Battery Cable.....	200223	645; 59; 62-8-9; 702-7-8; 11; 35-8-9; 40- 1-2; 51; 62-3-6-8; 72-7; 86; 96
67	CLIP—Switch Terminal of Solenoid.....	200015	646 50-3-9; 62-8-9; 702-7-8; 11; 35-8-9; 40-1-2; 51; 62-3-6-8; 72-7; 86; 96
....	INSULATOR—Field Coil (8½" long).....	1863173	All
....	INSULATOR—Field Coil (13" long).....	1868809	645-6; 50-3; 62-9; 702-8; 35-8-9; 40-1-2; 51; 62-3-6-8; 72-7; 86; 91
....	INSULATOR—Field Coil (3" long).....	1868811	645-6; 50-3; 62-9; 702-8; 35-8-9; 40-1-2; 51; 62-3-6-8; 72-7; 86; 91
....	INSULATOR—Field Coil (Triangle).....	1868810	645-6; 50-3; 62-9; 702-8; 35-8-9; 40-1-2; 51; 62-3-6-8; 72-7; 86; 91
70	LEAD—Solenoid to C.E. Terminal.....	1862187	646; 50-3-9; 62-8-9; 702-7-8; 11; 35-8-9; 40-1-2; 51; 62-3-6-8; 72-7; 86; 96
71	LINK (& Screw) Assembly.....	1857824	All except 645; 791
71	LINK (& Screw) Assembly.....	1881381	791
72	OILER—C.E.....	1880642	All
73	OILER—In field frame.....	1880635	All
74	OILER—D.E.....	1880642	All
75	PIN—Cotter—Pinion Stop.....	1872652	All
76	PIN—Cotter—Shift Lever.....	112726	646; 50-3-9; 62-8-9; 702-7-8; 11; 35-8-9; 40-1-2; 51; 62-3-6-8; 72-7; 86; 91-6
77	PIN—Shift Lever.....	1857826	All except 645
78	PLUG—Expansion—C.E.....	103893	All
79	SEAL—Oil In center bearing.....	1864750	791
80	SHOE—Pole.....	36582	All
81	SPRING—Pinion Meshing.....	1906080	All except 786
82	SPRING—Shift Lever.....	1856848	645-6; 53; 62
82	SPRING—Shift Lever.....	1864020	650; 68-9; 702-7-8; 11; 35-8-9; 41; 51; 62-3-6-8; 72-7; 86; 96
82	SPRING—Shift Lever.....	1865131	659; 740-2
82	SPRING—Shift Lever.....	1879765	791
....	STUD—Terminal—C.E.....		Not sold separate
83	STUD—Field Terminal.....	1861906	645-6; 50-3-9; 62-8-9; 702-7-8; 11; 35-8- 9; 40-1-2; 51; 62-3-6-8; 72-7; 86
....	STUD—Shift Lever.....	1856847	645-6; 53; 62
....	SUPPORT—Shift Lever Spring.....	1835998	645-6; 53; 62
84	TUBE—Oil—In field frame.....	1839180	All
85	WICK—Oil—C.E.....	802691	All
86	WICK—Oil—In center bearing.....	804076	All
87	WICK—Oil—D.E.....	802696	All



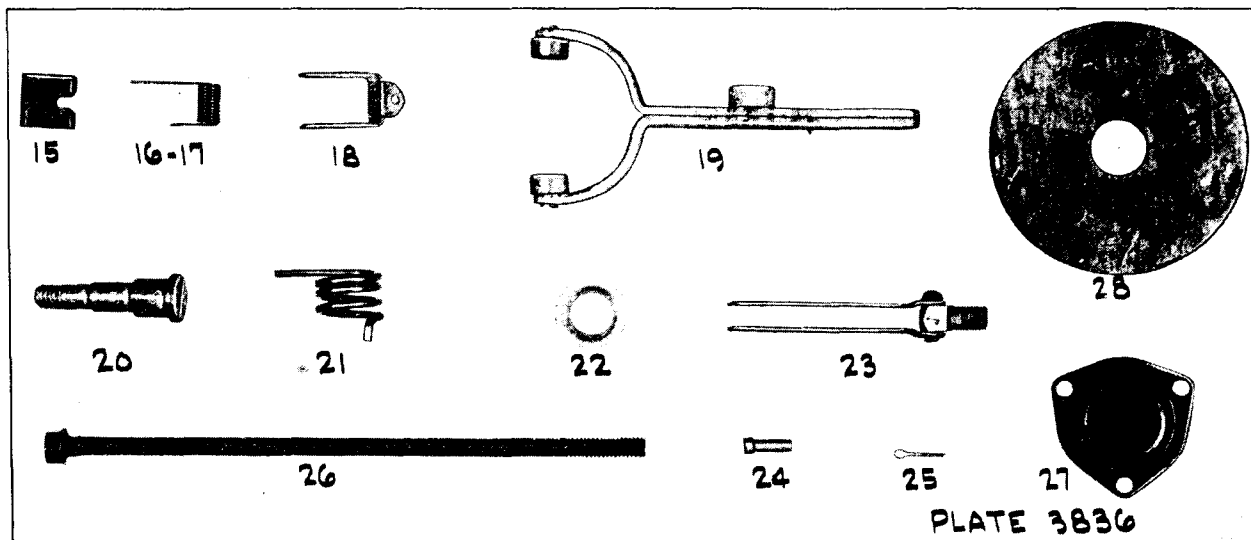
Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

Model No.	Frame and Field Assembly	Field Coil R.H.	Field Coil L.H.	Field Terminal Stud	Armature	Commutator End Frame	Gear Housing or D.E. Frame	Motor Drive Housing	Bushing or Ball Bearing C.E.	Bushing or Ball Bearing (Drive Housing)	Sub Shaft	Reduction Gear	Commutator Cover Band	Motor Switch
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
663		1906597	1906598	826938	1865631	1865638	1865638	1865625	903203	1862383	1865633	1918332	1880355	†1537
712		1881469	1881470	"	1881471	"	"	"	"	"	"	"	"	△1551
782		"	"	"	"	"	1872572	"	"	"	"	"	"	"
775		1881201	1881202	"	1881136	"	"	"	"	"	"	"	"	⊙
797		"	"	826938	"	"	"	"	"	"	"	"	1889664	⊙

†For parts see Switch—Group 102.

△For parts see Switch—Group 103.

⊙Early units use 1118027—for parts see Switch—Group 101. Later units use 1119961—for parts see Switch—Group 101-A.



Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

Model No.	Brush	Brush Spring R.H.	Brush Spring L.H.	Brush Holder	Shift Lever	Shift Lever Stud	Shift Lever Spring	Shift Lever Support	Shift Lever Link and Screw	Shift Lever Pin	Shift Lever Cotter Pin	Thru Bolt	Cover Plate C.E.	Cover Plate D.E.
	15	16	17	18	19	20	21	22	23	24	25	26	27	28
663	1946451	813521	1865641	809642	1935524	1845935	1845936	1835998	1854737	1853305	112726	809763	816212	1837055
712	"	"	"	"	"	"	"	"	"	"	"	"	"	"
732	"	"	"	"	"	"	"	"	"	"	"	"	"	"
775	"	"	"	"	"	"	"	"	Δ	1862389	"	"	"	"
797	"	"	"	"	"	1917078	"	"	Δ	"	"	"	"	"

^ΔUse 1854737 with 1118027 Solenoid. Use 1906619 with 1118177 Solenoid.

MINOR PARTS SECTION

NOTE: Most screws, bolts, nuts, lock washers, woodruff keys, and cotter pins are Standard Hardware items and are not available from Delco-Remy. Refer to Standard Hardware sheets in catalog miscellaneous section for dimensions and description.

Name	Part No.	Used on Models
LOCK WASHERS		
Lock Washer—Brush Attaching Screw.....	456413	663-712-732-775-797
Lock Washer—Brush Lead Attaching Screw.....	1914816	663-712-732-775-797
Lock Washer—Drive Housing Screw.....	9421423	663-712-732-775-797
Lock Washer—End Cover Plate Screw.....	453435	663-712-732-797
Lock Washer—Solenoid Mounting Screw.....	9421423	663-712-732-775-797
Lock Washer—Shift Lever Stud.....	9421425	663-712-732-775-797
Lock Washer—Terminal Stud.....	9421425	663-712-732-775-797
Lock Washer—Thru Bolt.....	9421424	663-712-732-775-797
Lock Washer—Terminal Stud—Inside (Shakeproof).....	138489	797
NUTS		
Nut—Shaft—C.E.....	1868768	663-712-732-775-797
Nut—Shift Lever Stud.....	805258	663-712-732-775-797
Nut—Terminal Stud.....	805258	663-712-732-775-797
SCREWS		
Screw—Brush Attaching.....	453986	663-712-732-775-797
Screw—Brush Lead Attaching.....	453978	663-712-732-775-797
Screw—Commutator Cover Band.....	453479	663-712-732-775-797
Screw—Drive Housing Attaching.....	117181	663-712-732-775-797
Screw—End Cover Plate.....	1914580	663-712-732-775-797
Screw—Pole Shoe.....	1913100	663-712-732-775-797
Screw—Solenoid Mounting.....	1930611	663-712-732-775-797
WASHERS		
Washer—Adjusting Screw Space.....	1913846	663-712-732-775-797
Washer—Ball Bearing Space.....	809960	797
Washer—Brake—Leather.....	819468	663-712-732-775-797
Washer—Brush Attaching Screw.....	809551	663-712-732-775-797
Washer—Felt—C.E.....	37077	663-712-732-775-797
Washer—Felt—Between Gear and Cover Plate.....	813134	663-712-732-775-797
Washer—Oil Thrower.....	809817	663-712-732-775-797
Washer—Space—Between Gear and Cover Plate.....	819149	663-712-732-775-797
Washer—Space—D.E.....	1928023	663-712-732-775-797
Washer—Terminal Stud Insulating (3/4 O.D.).....	1913959	663-712-732-775-797
Washer—Terminal Stud Insulating (1/8 O.D.).....	1913958	663-712-732-775-797
Washer—Terminal Stud Insulating.....	1918862	797
Washer—Terminal Stud.....	805790	663-712-732-775-797
MISCELLANEOUS		
Ball Bearing Space CUP—C.E.....	814984	663-712-732-775-797
Ball Bearing Space PLATE—C.E.....	809960	663-712-732-775
Brush Holder Hinge PIN & INSULATION.....	812016	663-712-732-775-797
Brush Holder Stop PIN & INSULATION.....	812015	663-712-732-775-797
BUSHING—In Gear Housing—For Armature Shaft.....	1868060	663-712-732-775-797
BUSHING—In Gear Housing—For Sub Shaft.....	1868061	663-712-732-775-797
COLLAR—Inside—C.E.....	37837	663-712-732-775-797
CONDENSER.....	1869086	663-712-732
CONDENSER.....	1878627	775-797
End Cover Plate GASKET.....	1835457	663-712-732-775-797
Dowel PIN—C.E. & D.E.....	809062	663-712-732-775-797
Dowel PIN—To locate Cover Band.....	809062	712-732-775-797
End PLUG—In Gear Housing.....	810819	663-712
End PLUG—In Gear Housing.....	103893	732-775-797
Felt Washer Retainer CUP—C.E.....	37078	663-712-732-775-797
LEAD—Ground Terminal to Motor Terminal (7 1/2" long).....	1878626	797
LEAD—Ground Terminal to Motor Terminal (4 1/2" long).....	1885478	797-1109409
LEAD—Solenoid to Motor Terminal.....	1865646	663-712-732-775
*Motor Drive CLUTCH.....	37870	663-712-732-775-797
OILER—C.E.....	1880635	663-712-732-775-797
OILER—In Gear Housing & D.E.....	1880642	663-712-732-775-797
Oil WICK—In Gear Housing (1 3/8" long).....	1919851	663-712-732-775-797
Oil WICK—In Gear Housing (1 3/4" long).....	1921854	663-712-732-775-797
Oil WICK—D.E.....	1919851	663-712-732-775-797
Pipe PLUG.....	103877	663-712-732-775-797
Pole SHOE.....	1865640	663-712-732-775-797
Shift Lever Dust SEAL.....	1867721	663-712-732-775-797
Solenoid CONNECTOR.....	1854739	663-712-732
Solenoid CONNECTOR.....	1857827	775-797
Solenoid Connector COVER.....	1854740	663-712-732
Terminal CLIP—To Brush.....	1857107	663-712-732-775-797
Woodruff KEY.....	124546	663-712-732-775-797

*For parts of Motor Drive Clutch see Motor Drives—Group 4

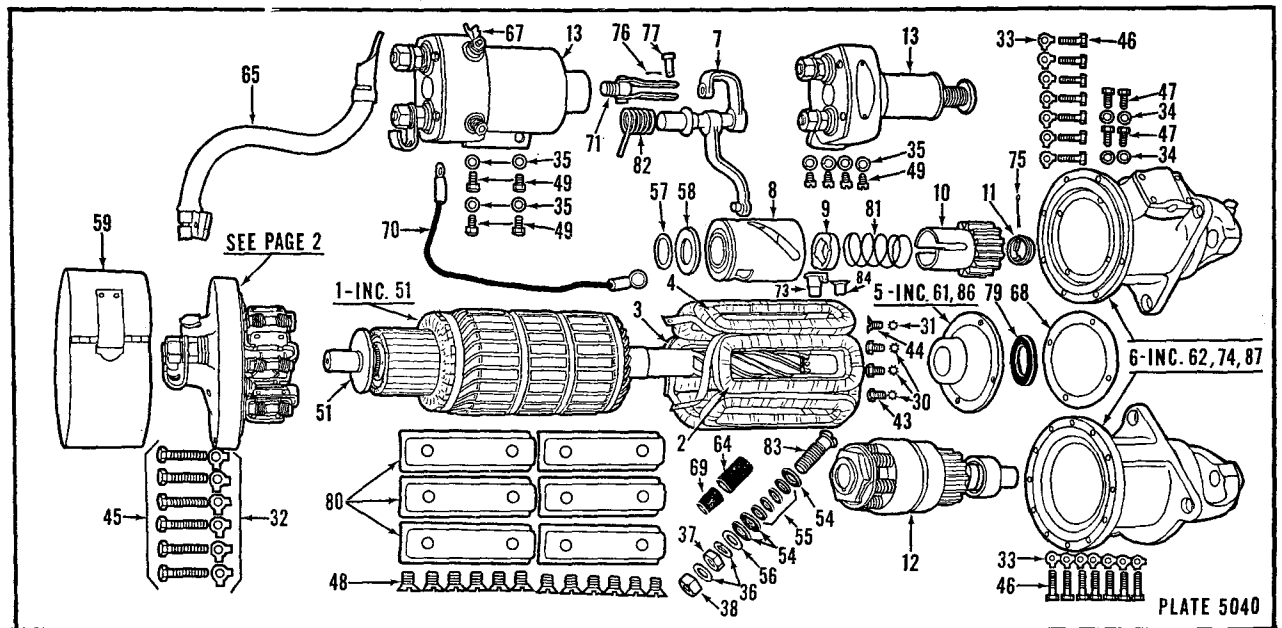
Parts not listed in this Catalog will not be sold separately.

Delco-Remy

SERVICE PARTS CATALOG

CRANKING MOTOR—Group 23
Models 802 to 833
Page 1

Revised to Nov. 15, 1964



Illustrations are of Typical Parts only, which may vary in detail. For Parts not illustrated see Minor Parts Section.

Model No.	Arma- ture	Field Coil — L.H.	Field Coil — Lower	Field Coil — R.H.	Plate — Center Bearing	Housing — Drive	Lever — Shift	Sleeve — Shift	Guide — Pinion	Pinion — Drive	Collar — Stop	Drive — Assem.	Switch
	1	2	3	4	5	6	7	8	9	10	11	12	13
802	1869762	1907071	1907070	1907069	1905173	1869266	1869782	1906082	1906081	1944863	1872650		1118047
803	1872369	"	"	"	1907226	1872371	"	"	"	"	"		1118050
804	1872374	1871322	1871325	1871328	"	1872376	"	1906150	1906149	1906301	"		"
805	1872369	1907071	1907070	1907069	"	1882442	"	1906082	1906081	1944859	"		"
806	"	"	"	"	"	1873068	"	"	"	1944863	"		"
807	1872374	1871322	1871325	1871328	"	1873073	"	1906150	1906149	1906301	"		"
808	"	"	"	"	"	1873171	"	"	"	"	"		"
809	1872369	1907071	1907070	1907069	"	1873136	"	1906082	1906081	1944863	"		"
810	1871345	1871322	1871325	1871328	1905172	1873816	"	1906150	1906149	1906301	1872651		"
813	1872374	"	"	"	1907226	1874420	"	"	"	"	"		"
814	1872369	1907071	1907070	1907069	"	1882442	1915691	1906082	1906081	1944863	"		1996453
815	"	"	"	"	"	1873068	1869782	"	"	"	"		1118050
816	"	"	"	"	"	1877512	"	"	"	"	"		"
817	1869762	"	"	"	"	1877626	1915691	"	"	"	1872650		1996453
818	1872369	"	"	"	"	1878724	1869782	"	"	"	"		1118050
819	"	"	"	"	1880483	1873068	"	"	"	"	"		"
820	1880577	1871322	1871325	1871328	1880575	1880574	"	"	"	"	"		1118051
821	1869762	1907071	1907070	1907069	1907226	1880669	1915691	"	"	1944861	1872650		1996453
822	1880577	1871322	1871325	1871328	"	1873136	1869782	"	"	1944863	"		1118049
823	"	"	"	"	"	1873068	"	"	"	"	"		"
824	1905064	1881800	1881800	1881801	"	1881805	"	"	"	"	"		"
825	1872369	1907071	1907070	1907069	1907226	1882442	1915691	1906082	1906081	1944863	"		1996453
826	1880577	1871322	1871325	1871328	"	1873068	1869782	"	"	"	"		1118042
827	1883523	1907071	1907070	1907069	"	1873073	"	1906150	1906149	1906301	"		1118049
828	"	"	"	"	"	1873171	"	"	"	"	"		1118042
829	1880577	1871322	1871325	1871328	"	1873136	"	1906082	1906081	1944863	"		1118049
830	"	"	"	"	"	1883598	"	"	"	"	"		"
831	"	"	"	"	"	1877512	"	"	"	"	"		"
832	1883523	1907071	1907070	1907069	"	1873171	"	1906150	1906149	1906301	"		"
833	1869762	"	"	"	"	1886651	"	1906082	1906081	1944863	1872650		1118050

▲Early Design Stop No. 1872650 has $\frac{1}{8}$ long spline and $\frac{3}{32}$ Dia. pin hole. New Design Stop No. 1916223 is splined full length and has $\frac{1}{8}$ Dia. pin hole.

*Early Design Stop No. 1827651 has $\frac{1}{8}$ long spline and $\frac{3}{32}$ Dia. pin hole. New Design Stop No. 1916224 is splined full length and has $\frac{1}{8}$ Dia. pin hole.

○For parts see Switch—Group 105.

■Field Coils are located with terminal up and viewed from drive end.

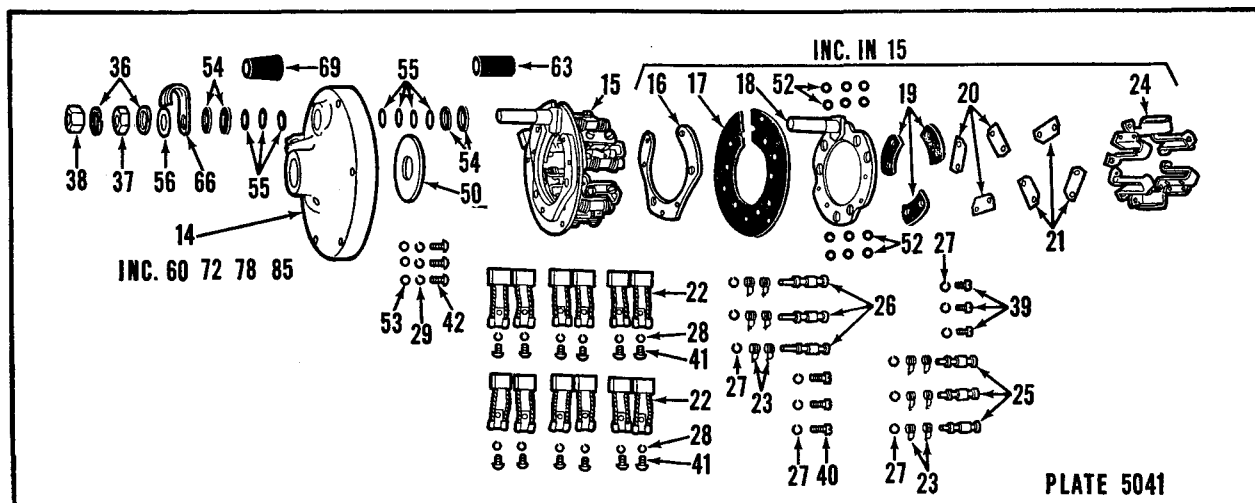
●For parts see Switch—Group 101.

†Used with Cotter Pin—1860724 Pinion Stop used with Lock Wire.

‡Upper Lever not furnished by Delco-Remy.

ⓈEarlier Units with Armature Shaft not drilled used 1868193 Stop and 1872936 Stop Collar Screw.

Delco-Remy
SERVICE PARTS CATALOG



Illustrations are of Typical Parts only. For parts not numbered, or illustrated see Minor Parts Section.

Model No.	Frame — C.E.	Plate — Assem. Brush	Plate — Support	Insulator — Brush Plate	Plate — & Stud Brush	Insulator — Brush Holder	Plate — Space Ins. Holder	Plate — Space Grd. Holder	Brush — (12 reqd)	Spring — Brush	Holder — Brush	Screw — Ground Holder	Screw — Ins. Holder
	14	15	16	17	18	19	20	21	22	23	24	25	26
802	1906067	1873301	1869760	1869757	1869758	1861783	1865925	1861781	38367	1861785	1861784	1861787	1861786
803	"	"	"	"	"	"	"	"	"	"	"	"	"
804	"	"	"	"	"	"	"	"	"	"	"	"	"
805	"	"	"	"	"	"	"	"	"	"	"	"	"
806	"	"	"	"	"	"	"	"	"	"	"	"	"
807	"	"	"	"	"	"	"	"	"	"	"	"	"
808	"	"	"	"	"	"	"	"	"	"	"	"	"
809	"	"	"	"	"	"	"	"	"	"	"	"	"
810	"	"	"	"	"	"	"	"	"	"	"	"	"
813	"	"	"	"	"	"	"	"	"	"	"	"	"
814	"	"	"	"	"	"	"	"	"	"	"	"	"
815	"	"	"	"	"	"	"	"	"	"	"	"	"
816	"	"	"	"	"	"	"	"	"	"	"	"	"
817	"	"	"	"	"	"	"	"	"	"	"	"	"
818	"	"	"	"	"	"	"	"	"	"	"	"	"
819	"	"	"	"	"	"	"	"	"	"	"	"	"
820	"	"	"	"	"	"	"	"	"	"	"	"	"
821	"	"	"	"	"	"	"	"	"	"	"	"	"
822	"	"	"	"	"	"	"	"	"	"	"	"	"
823	"	"	"	"	"	"	"	"	"	"	"	"	"
824	"	"	"	"	"	"	"	"	"	"	"	"	"
825	"	"	"	"	"	"	"	"	"	"	"	"	"
826	"	"	"	"	"	"	"	"	"	"	"	"	"
827	"	"	"	"	"	"	"	"	"	"	"	"	"
828	"	"	"	"	"	"	"	"	"	"	"	"	"
829	"	"	"	"	"	"	"	"	"	"	"	"	"
830	"	"	"	"	"	"	"	"	"	"	"	"	"
831	"	"	"	"	"	"	"	"	"	"	"	"	"
832	"	"	"	"	"	"	"	"	"	"	"	"	"
833	"	"	"	"	"	"	"	"	"	"	"	"	"

MINOR PARTS SECTION

Illus. No.	Name	Part No.	Used on Models
LOCK WASHERS			
	Lock Washer—Ball Bearing Retainer Plate		
	Screw—D.E.	453435	824
27	Lock Washer—Brush Holder Screw	453435	All
28	Lock Washer—Brush Lead Screw	453844	All
29	Lock Washer—Brush Plate Assem. Attach. Screw ..	453844	All
30	Lock Washer—Center Bearing Screw	138484	All except 824
31	Lock Washer—Center Bearing Screw (Countersunk)	138607	803-4-5-6-7-8-9-10-13-14-16-18-19; 20-2-3-5-6-7-8-9; 30-1-2
32	Lock Washer—C.E. Frame Attaching Screw	9421423	All
33	Lock Washer—D.E. Frame Screw	9421423	824
33	Lock Washer—Drive Housing Screw	9421423	All except 824
34	Lock Washer—Drive Housing Cover Plate Screw ..	9421423	All except 824
	Lock Washer—Field Lead Ground Screw	453844	824
35	Lock Washer—Switch Attaching Screw	9421423	All except 824
36	Lock Washer—Terminal Stud	9421427	All
	Lock Washer—Terminal Stud—Ground	9421425	824
NUTS			
37	Nut—Terminal Stud (5/16 thk.)	120238	All
38	Nut—Terminal Stud (7/16 thk.)	120378	All
	Nut—Terminal Stud Ground	120369	824
SCREWS			
	Screw—Ball Bearing Retainer Plate—D.E.	1905103	824
39	Screw—Brush Holder—Ground Brush	1914800	All
40	Screw—Brush Holder—Ins. Brush	1914642	All
41	Screw—Brush Lead Attaching	453418	All
42	Screw—Brush Plate Assem. Attaching	9417096	All
43	Screw—Center Bearing Attaching (Hex. hd.)	1913127	All except 824
44	Screw—Center Bearing Attaching (Flat hd.)	120585	803-4-5-6-7-8-9-10-13-14-15-16-18-19; 20-2-3-6-7-8-9; 30-1-2
45	Screw—C.E. Frame Attaching (1/4-28x1/8)	427311	802-3-4
45	Screw—C.E. Frame Attaching (1/4-28x1-3/8)	1913128	All
	Screw—Cover Band	453479	806-7; 26-7-8-9; 31
46	Screw—D.E. Frame Attaching	1886166	824
46	Screw—Drive Housing Attaching (1/4-28x3/4)	214602	802-3-4
46	Screw—Drive Housing Attaching (1/4-28x1-1/16) ..	1914869	All except 824
47	Screw—Drive Housing Cover Attaching	455576	All except 824
—	Screw—Drive Pinion Stop Collar	1914642	803-4-5-6-7-8-9-13-14-15-16-18
—	Screw—Field Lead Ground	1886767	824
48	Screw—Pole Shoe	1913100	All
49	Screw—Switch Attaching	120706	814-17
49	Screw—Switch Attaching	1930611	802-3-4-5-6-7-8-9-10-13-15-16-18-19; 20-2-3-6-7-8-9; 30-1-2-3
49	Screw—Switch Attaching	1913127	821
WASHERS			
50	Washer—C.E.—Brake (Fibre)	1869761	All except 824
50	Washer—C.E.—Space	1838472	824
51	Washer—Brake Shoe	1869769	All except 824
52	Washer—(Ins.) Brush Holder Screw	1861788	All
53	Washer—Plain—Brush Plate Assem. Attach. Screw	810794	All
—	Washer—Plain—C.E. Frame Screw	1904987	803-4-7-8-9-10-13-14-15-17-19; 20-1-2-3-4-5-6-7-8-9; 30-1-2-3
—	Washer—Plain—D.E. Frame Screw	1904987	803-4-7-8-9-10-13-14-15-17-19; 20-1-2-3-5-6-7-8-9; 30-1-2-3
—	Washer—Plain—Field Lead Ground Screw	813731	824
54	Washer—Ins. Terminal Stud (7/8 O.D.)	1861791	All
55	Washer—Ins. Terminal Stud (11/16 O.D.)	1861792	All
—	Washer—Ins. Terminal Stud (33/64x1-3/16x3/32) ..	1903058	808-15-24-29-31
56	Washer—Plain—Terminal Stud	811912	All
57	Washer—Space—Between center bearing & Shift Sleeve	1906089	All except 824
58	Washer—Space (Cupped) Between center bearing & Shift Sleeve	1906090	All except 824
—	Washer—Space—Shift Lever Link Adj. Screw	810085	All except 824
—	Washer—Space—D.E. Inside	1853820	824
—	Ball BEARING—D.E.	954146	824
59	BAND—Cover	1869751	802-3-4-5-8-9-10-13-14-15-16-17-18-19; 20-1-2-3-4-5; 30-2-3

Parts not listed in this Catalog will not be sold separately.

MINOR PARTS SECTION

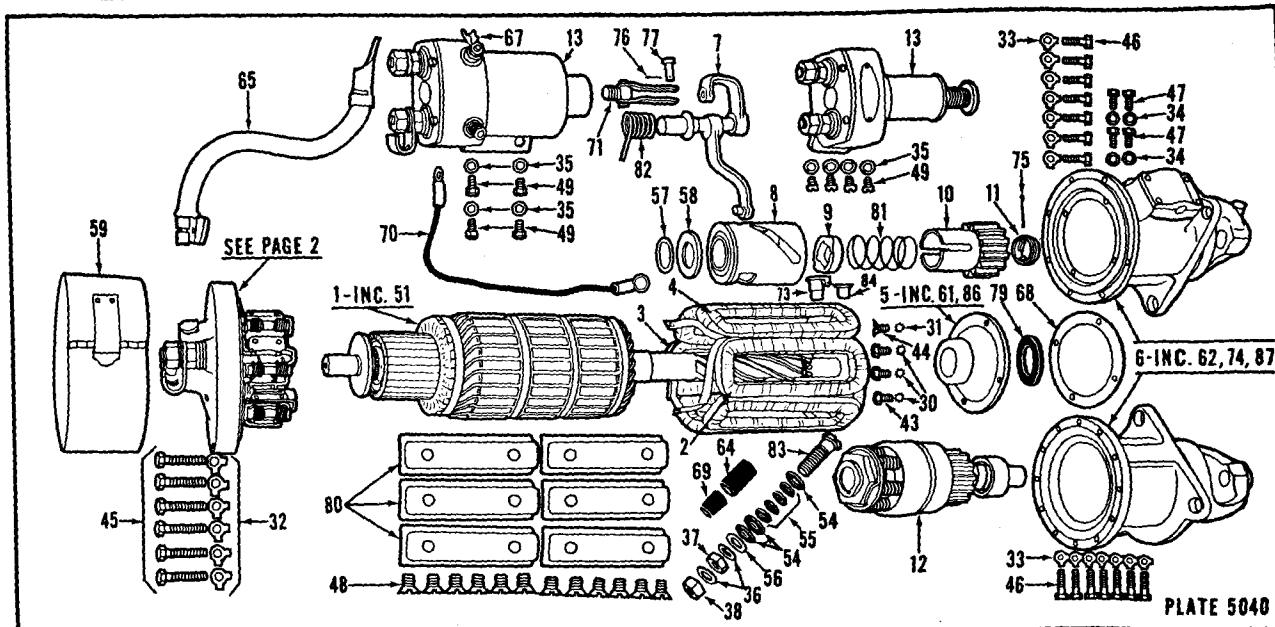
Illus. No.	Name	Part No.	Used on Models
MISCELLANEOUS			
59	BAND—Cover	1905045	806; 26-7-8-9; 31
60	BUSHING—C.E.	1869755	All
61	BUSHING—Center Bearing	1877962	802-10
61	BUSHING—Center Bearing	1864749	All except 802-810-824
62	BUSHING—D.E.	1856826	All except 824
65	CABLE—Switch Connector	1886669	833
65	CABLE—Switch Connector	1869781	802-3-4-5-6-7-9-10-13-17; 20-2-7-9; 30
65	CABLE—Switch Connector	1863579	806-8-15-16-18-19; 23-6-8; 31-2
65	CABLE—Switch Connector	1861902	814; 21
—	COLLAR—Space—Outside—D.E.	1881845	824
66	CLIP—For Battery Cable	200223	All except 824
67	CLIP—Switch Terminal of Solenoid	200013	802-3-4-5-6-7-8-9-10-13-15-16-18-19; 20-2-3-6-7-8-9; 30-1-2-3
—	CLIP—Pinion Stop Lock (For units with shaft not drilled)	1860725	802
68	GASKET—Center Bearing	1865195	803-4-5-6-7-13-14-15-16-17-18-19; 20-1-2-3-6-7-8-9; 30-1-2-3
—	INSULATOR—Field Coil (15" long)	32330	All
—	INSULATOR—Field Coil (3" long)	1868811	All
—	INSULATOR—Field Coil (8 1/2" long)	1863173	All
—	INSULATOR—Field Coil (Triangle)	1913534	803-5-6-15-17; 22-25; 33
70	LEAD—Solenoid to C.E. Terminal	1883597	830
70	LEAD—Solenoid to C.E. Terminal	1862187	All except 824 and 830
71	LINK (& Screw) Assembly	1869785	802-3-4-5-6-7-8-9-10-13-15-16-18-19; 20-2-3-6-7-8-9; 30-1-2-3
72	OILER—C.E.	* 114998	All
73	OILER—In Field Frame	113702	All except 824
74	OILER—D.E.	* 114998	All except 824
75	PIN—Cotter—Pinion Stop (3/32 Dia.)	1872652	All except 824
75	PIN—Cotter—Pinion Stop (1/8 Dia.)	137204	All except 824
76	PIN—Cotter—Shift Lever Pin	112726	802-3-4-5-6-7-8-9-10-13-15-18-19; 20-2-3-6-7-8-9; 30-1-2-3
77	PIN—Shift Lever	1857826	802-3-4-5-6-7-8-9-10-13-15-16-18-19; 20-2-3-6-7-8-9; 30-1-2-3
—	PLATE—Ball Bearing Retainer—D.E.	1873750	824
78	PLUG—Expansion—C.E.	103894	All
—	PLUG—Pipe—C.E.	125947	805; 25
—	PLUG—Pipe—D.E.	125947	805; 25
79	SEAL—Oil—In Center Bearing	1864750	803-4-5-6-7-8-9-13-14-15-16-18-19; 20-1-2-3-6-7-8-9; 30-1-2-3
80	SHOE—Pole	1869747	All
81	SPRING—Pinion Meshing	1906080	All except 824
82	SPRING—Shift Lever	1865131	802-3-5-6-9-14-15-16-17-18-19; 20-1-2-3-5-6-9; 30-1-3
82	SPRING—Shift Lever	1864020	804-7-8-10-13; 27-8; 32
83	STUD—Field Terminal	1861906	All except 824
—	STUD—Ground Terminal	1881086	824
—	STUD—Terminal—C.E.		Not sold separately
—	STUD—Shift Lever Adjusting	1838393	822
84	TUBE—Oil—In Field Frame	1869746	All except 824
85	WICK—Oil—C.E.	802696	All except 805-6; 25
85	WICK—Oil—C.E.	1909560	805; 25
85	WICK—Oil—C.E.	1921854	806
86	WICK—Oil—In Center Bearing	804076	All except 824
87	WICK—Oil—D.E.	802694	830
87	WICK—Oil—D.E.	802696	All except 805; 24-5; 30
87	WICK—Oil—D.E.	1909654	805; 25

*114998 is $\frac{5}{16}$ " dia. press-in type—For oiler with 1/8-27 pipe thd. use 1949368.

Revised to March 1, 1971

Delco-Remy SERVICE PARTS CATALOG

CRANKING MOTOR—Group 23-A
Models 834 to 880
Page 1



Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

Model No.	Arma- ture	†Field Coil — L.H.	†Field Coil — Lower	†Field Coil — R.H.	Plate — Center Bearing	Housing — Drive	Lever — Shift	Sleeve — Shift	Guide — Pinion	Pinion — Drive	Collar — Stop	Drive Assem.	Switch
	1	2	3	4	5	6	7	8	9	10	11	12	13
831	1921837	1907071	1907070	1907069	1927402	1887945						*1887947	
835	1880577	1871322	1871325	1871328	1917226	1873068	1869782	1906082	1906081	1944863	▲		*1118049
836	1917220	1907071	1907070	1907069	"	"	"	"	"	"	▲		§1119894
838	1880577	1871322	1871325	1871328	"	"	"	"	"	"	▲		§1119851
839	"	"	"	"	1915692	1905054	1905513	"	"	"	▲		1119849
840	"	"	"	"	"	1905036	1913117	"	"	"	▲		"
841	1905064	1907071	1907070	1907069	"	1881805							
843	1905775	"	"	"	1915692	1905379	1905513	1906082	1906081	1944863	1872650		1118086
845	1921837	"	"	"	1906068	1906074						□1906069	
847	1917220	"	"	"	1917226	1873068	1869782	1906082	1906081	1944863	▲		§1119894
850	1921837	"	"	"	1927402	1908523						□1906069	
852	1917220	"	"	"	1917226	1911053	1869782	1906082	1906081	1944863	▲		▲1118174
854	"	"	"	"	"	"	"	1906150	1906149	1907635	⊗		▲1118175
855	1905064	1911102	1911102	1911102	"	1881805							
856	1869762	1907071	1907070	1907069	1917226	1911156	1869782	1907636	1906081	1944863	1872650		▲1118174
857	1883523	"	"	"	1917226	1873171	"	1906150	1906149	1907635	⊗		▲1118175
858	1917220	"	"	"	"	1911949	"	1906082	1906081	1944863	▲		▲1118174
859	1912133	1871322	1871325	1871328	1912146	1908523						□1930325	
860	"	"	"	"	"	"						□1906069	
861	"	1907071	1907070	1907069	"	"						1912273	
863	1872224	1871322	1871325	1871328	1917226	1882442	*1915691	1907636	1906149	1922761	⊗		
865	1917220	1907071	1907070	1907069	1927402	1908523						□1906069	
866	1916437	"	"	"	1916437	1930326						□1930325	
868	1917220	"	"	"	1917226	1917221	1869782	1906082	1906081	1944863	1916223		▲1118175
870	1916436	"	"	"	1916437	1908523						□1930325	
876	"	"	"	"	"	"						□1930691	
880	1869762	"	"	"	1917226	1928746	1869782	1906082	1906081	1944863	1872650		▲1118175

*Motor Drive Assembly. Must be serviced by complete replacement.

▲Upper Shift Lever not furnished by Delco-Remy.

†Use 1916346 Coil Assembly (6 coils).

▲Early design Stop No. 1872650 has 1/8" long Spline and 3/8" dia. Pin hole. New design Stop No. 1916223 is splined full length and has 1/8" dia. Pin hole.

⊗Early design Stop No. 1872651 has 1/8" long Spline and 3/8" dia. Pin hole. New design Stop No. 1916224 is splined full length and has 1/8" dia. Pin hole.

†Field Coils are located with terminal up and viewed from drive end.

§For switch components see Part No. of switch on Equipment.

*For parts see Switch—Group 101.

▲For parts see Switch—Group 101-A.

□For parts see Motor Drive—Group 9.

Delco-Remy
SERVICE PARTS CATALOG

MINOR PARTS SECTION

Illus. No.	Name	Part No.	Used on Models
	MISCELLANEOUS—Continued		
79	SEAL—Oil—In Center Bearing.....	1909498	888
80	SHOE—Pole.....	1869747	882-3-4-6-7-8-9; 90-1-2-4
81	SPRING—Pinion Meshing.....	1906080	888
82	SPRING—Shift Lever.....	1865131	888
83	STUD—Field Terminal.....	1906063	882-3-4-6-7-9; 90-1-2-4
83	STUD—Field Terminal.....	1861906	888
85	WICK—Oil—C.E.....	1916439	882-3-4-6-7-9; 90-1-2-4
85	WICK—Oil—C.E.....	1919851	888
86	WICK—Oil—In Center Bearing ($\frac{3}{8} \times 3\frac{1}{4}$).....	1916439	882-3-4-6-7-8-9; 90-1-2-4
87	WICK—Oil—D.E.....	1916439	882-3-4-6-7-8-9; 90-1-2-4
—	Woodruff KEY.....	120502	882-3-4-6-7-9; 90-1-2-4