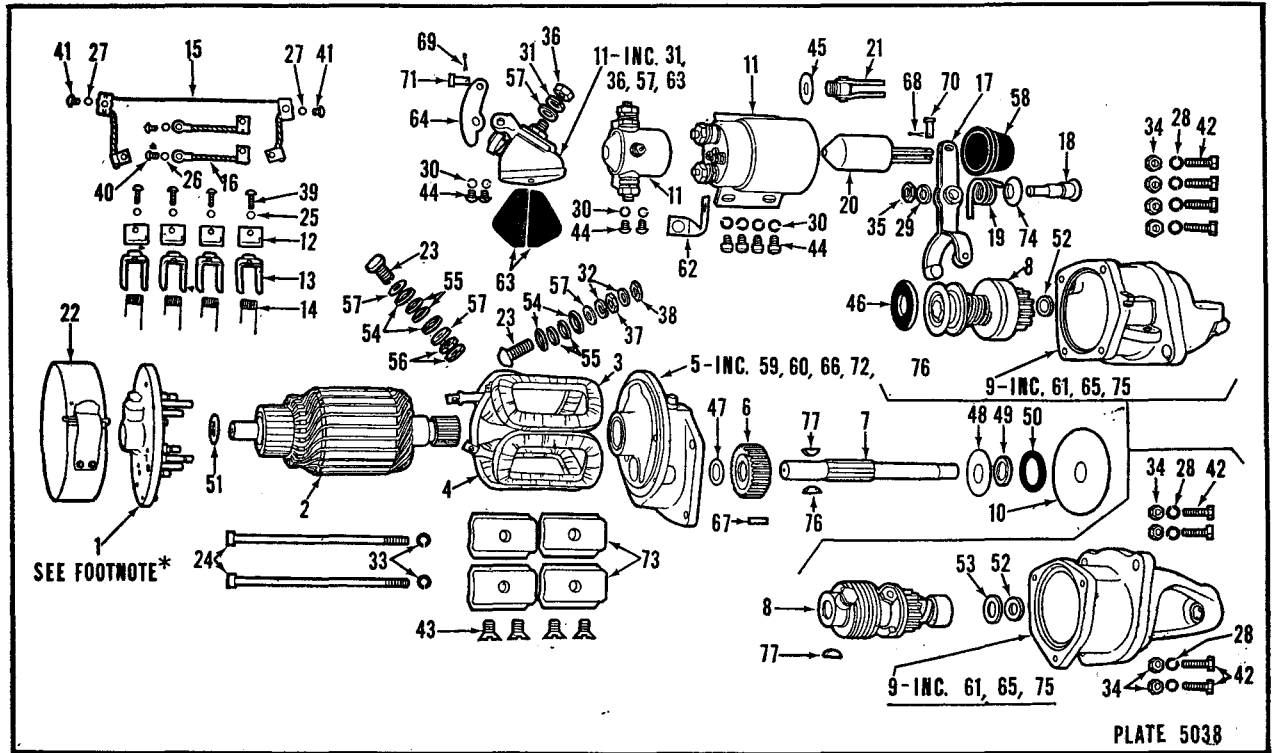


# Delco-Remy

## SERVICE PARTS CATALOG

CRANKING MOTOR—Group 56  
Models 1108451 to 70  
Page 1

Revised to August 15, 1969



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

| Model No.    | *Frame C.E. | Arma-<br>ture | Field<br>Coil<br>—<br>Upper | Field<br>Coil<br>—<br>Lower | Housing<br>—<br>Gear | Gear<br>— | Shaft<br>— | Drive<br>—<br>Assem. | Housing<br>—<br>Drive | Plate<br>—<br>Housing<br>Cover | Switch<br>— | Brush<br>— |
|--------------|-------------|---------------|-----------------------------|-----------------------------|----------------------|-----------|------------|----------------------|-----------------------|--------------------------------|-------------|------------|
|              | 1           | 2             | 3                           | 4                           | 5                    | 6         | 7          | 8                    | 9                     | 10                             | 11          | 12         |
| 1108451..... | 1935681     | 818134        | 819688                      | 819689                      | 1874117              | 817041    | 1921832    | *1874133             | 1874116               | 819148                         | 820052      | 811553     |
| 1108452..... | "           | "             | "                           | "                           | 1874379              | "         | "          | "                    | 1874378               | "                              | "           | "          |
| 1108453..... | 1950382     | "             | 817056                      | 817055                      | 1874117              | "         | "          | "                    | 1879157               | "                              | x1118031    | "          |
| 1108454..... | 1935681     | "             | "                           | "                           | 1880517              | "         | "          | "                    | "                     | "                              | 1546        | "          |
| 1108455..... | "           | "             | "                           | "                           | 1880638              | "         | 1880640    | 1901846              | 1880639               | 809816                         | 1462        | "          |
| 1108456..... | "           | "             | "                           | "                           | 1874117              | "         | 1921832    | *1874133             | 1879157               | 819148                         | *1118101    | "          |
| 1108457..... | 1908580     | "             | "                           | "                           | 1840655              | "         | 809663     | 1859631              | 1886175               | 809816                         | "           | "          |
| 1108458..... | 1935681     | "             | "                           | "                           | 1880517              | "         | 1921832    | *1874133             | 1879157               | 819148                         | 1114311     | "          |
| 1108459..... | "           | "             | 817056                      | 817055                      | 1916653              | "         | "          | "                    | 1880415               | "                              | "           | "          |
| 1108461..... | 815839      | "             | 826282                      | 826281                      | 1839174              | "         | 1880640    | 1864684              | 1923374               | 809816                         | 1932131     | "          |
| 1108464..... | 1908580     | "             | "                           | "                           | "                    | "         | "          | "                    | 1925826               | "                              | "           | "          |
| 1108465..... | 1935681     | "             | 817056                      | 817055                      | 1929562              | "         | 1921832    | *1874133             | 1929561               | 819148                         | 1114312     | "          |
| 1108466..... | "           | 1930899       | "                           | "                           | 1930889              | "         | "          | "                    | 1930893               | "                              | 1114311     | "          |
| 1108468..... | 1928966     | 1961657       | 1942021                     | 1932743                     | 1961980              | 817070    | 809663     | 1859631              | 1961978               | 827518                         | "           | 1906945    |
| 1108469..... | "           | "             | "                           | "                           | 1961612              | 817041    | 1880640    | 1901846              | 1880639               | 809816                         | 1467        | "          |
| 1108470..... | "           | "             | "                           | "                           | "                    | "         | "          | "                    | "                     | "                              | 1119912     | "          |

\*For parts see Motor Drive—Group 1.

\*For parts see Motor Drive—Group 4 (Clutch Type).

\*For parts see Magnetic Switch—Group 4.

\*For parts see Switch—Group 102.

\*For parts see Switch—Group 103.

†For parts see Switch—Group 103-A.

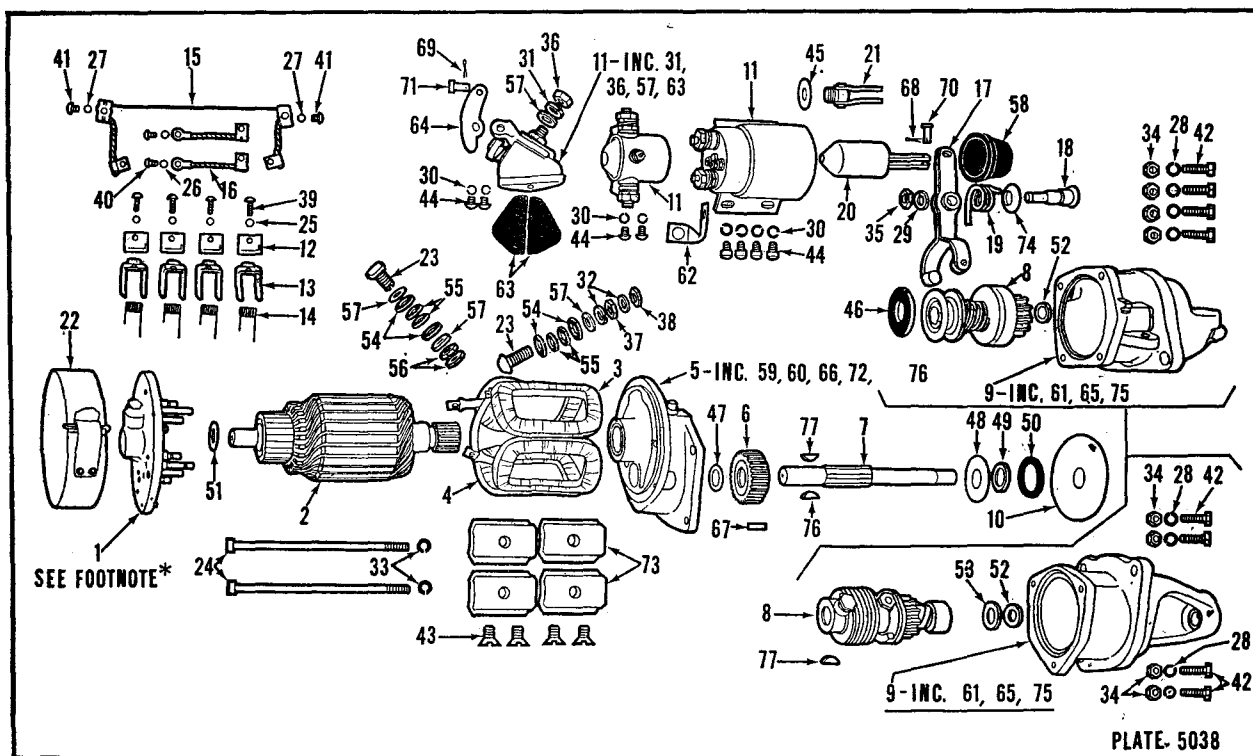
\*C. E. Frame includes (where necessary) Brush Pins, Oiler, Wick, Dowel Pin, Expansion Plug, & Bushing. See Misc. Section for parts.

○3 Coils

\*Shunt Coil

†For parts see Switch—Group 103-B

**Delco-Remy**  
SERVICE PARTS CATALOG



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

| Model No. | Holder — Brush | Spring — Brush | Lead — Brush Jumper | Lead — Brush Ground | Lever — Shift | Stud — Shift Lever | Spring — Shift Lever | Plunger & Link | Link & Screw | Band — Cover | Stud — Terminal | Bolt — Thru |
|-----------|----------------|----------------|---------------------|---------------------|---------------|--------------------|----------------------|----------------|--------------|--------------|-----------------|-------------|
|           | 13             | 14             | 15                  | 16                  | 17            | 18                 | 19                   | 20             | 21           | 22           | 23              | 24          |
| 1108451   | 810226         | 813521         | 819362              | 813554              | 1874120       | 1863297            | 1874123              |                |              | 817114       | 1913694         | 1932271     |
| 1108452   | "              | "              | "                   | "                   | "             | "                  | 1863299              |                |              | "            | "               | "           |
| 1108453   | "              | "              | "                   | "                   | 1935524       | 1917078            | 1845936              |                | 1854598      | "            | 826938          | "           |
| 1108454   | "              | "              | "                   | "                   | "             | "                  | "                    |                | "            | "            | "               | "           |
| 1108455   | "              | "              | "                   | "                   |               |                    |                      |                |              | "            | "               | "           |
| 1108456   | "              | "              | "                   | "                   | 1935524       | 1917078            | 1845936              |                | 1854598      | "            | "               | "           |
| 1108457   | "              | "              | "                   | "                   | "             | "                  | "                    |                | "            | "            | "               | "           |
| 1108458   | "              | "              | "                   | "                   | 1935524       | 1917078            | 1845936              | 1913282        |              | "            | "               | "           |
| 1108459   | "              | "              | "                   | "                   | "             | "                  | "                    |                |              | "            | "               | "           |
| 1108461   | "              | "              | "                   | "                   |               |                    |                      |                |              | 1886923      | 1913694         | "           |
| 1108464   | "              | "              | "                   | "                   | "             | "                  | "                    |                |              | "            | 1913694         | "           |
| 1108465   | "              | "              | "                   | "                   | 1935524       | 1917078            | 1845936              | 1913282        |              | 817114       | 826938          | "           |
| 1108466   | "              | "              | "                   | "                   | "             | 1916269            | 1910851              |                |              | "            | "               | "           |
| 1108468   | +              | 1926622        |                     | 1926605             |               |                    |                      |                |              |              | 1939446         | 1939970     |
| 1108469   | +              | "              |                     | "                   |               |                    |                      |                |              |              | "               | "           |
| 1108470   | +              | "              |                     | "                   | 1935524       | 1917078            | 1845936              | 1913282        |              |              | 1939446         | "           |

<sup>Δ</sup>Use 1935540 Lever (Lower) and 1930898 Lever (Upper).

\*1926617 Holder—Ground and 1938587 Holder—Ins.

## 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                            |
|---------------------|---------------------------------------------------------------------------|----------|-------------------------------------------|
| <b>LOCK WASHERS</b> |                                                                           |          |                                           |
| 25                  | Lock Washer—Brush Attaching Screw -----                                   | 456413   | All                                       |
| 26                  | Lock Washer—Brush Ground Lead Screw -----                                 | 453844   | All                                       |
| 27                  | Lock Washer—Brush Lead Screw—To Field Coil --                             | 453435   | All                                       |
| —                   | Lock Washer—Brush Support Attaching -----                                 | 453435   | 1108468-9; 70                             |
| 28                  | Lock Washer—Drive Housing Screw -----                                     | 9421423  | 1108451-2-3-4-5-6-7-8-9; 61-4-5-6-8-9; 70 |
| —                   | Lock Washer—Field Lead to Switch Connector ----                           | 453435   | 1108468-9; 70                             |
| 29                  | Lock Washer—Shift Lever Stud -----                                        | 9421425  | 1108451-2-3-4-6-8-9; 65-6; 70             |
| —                   | Lock Washer—Spring Support Nut -----                                      | 9421423  | 1108466                                   |
| 30                  | Lock Washer—Switch Attaching Screw -----                                  | 453435   | 1108451-2; 61-4                           |
| 30                  | Lock Washer—Switch Attaching Screw -----                                  | 9421423  | 1108453-4-5-6-8                           |
| 31                  | Lock Washer—Switch Terminal Nut -----                                     | 9421425  | 1108451-2; 61-4                           |
| 32                  | Lock Washer—Terminal Nut -----                                            | 9421425  | 1108453-4-5-6-7-8-9; 65-6                 |
| 32                  | Lock Washer—Terminal Stud -----                                           | 9421424  | 1108468                                   |
| 33                  | Lock Washer—Thru Bolt -----                                               | 9421423  | All                                       |
| <b>NUTS</b>         |                                                                           |          |                                           |
| —                   | Nut—Brush Support Attach. Screw -----                                     | 120361   | 1108468                                   |
| —                   | Nut—Cover Band Screw -----                                                | 453433   | 1108461-4                                 |
| 34                  | Nut—Drive Housing Screw -----                                             | 134551   | 1108451-2-3-4-5-6-9; 61-4-5-6-9; 70       |
| 35                  | Nut—Lever Shaft -----                                                     | 1916268  | 1108466                                   |
| 35                  | Nut—Shift Lever Stud -----                                                | 805258   | 1108451-2-3-4-6-8-9; 65-6; 70             |
| —                   | Nut—Spring Support Attaching -----                                        | 134551   | 1108466                                   |
| 36                  | Nut—Switch Terminal -----                                                 | 134566   | 1108451-2; 61-4                           |
| 37                  | Nut—Terminal Stud -----                                                   | 134556   | 1108468; 70                               |
| 37                  | Nut—Terminal Stud -----                                                   | 805258   | 1108453-4-6-7-8-9; 65-6                   |
| 38                  | Nut—Terminal Stud -----                                                   | 805258   | 1108453-4-6-7-8-9; 65-6                   |
| —                   | Nut—Terminal Stud (Inside) -----                                          | 1835299  | 1108461-4; 52                             |
| <b>SCREWS</b>       |                                                                           |          |                                           |
| 39                  | Screw—Brush Attaching -----                                               | 454154   | All Except 1108468-9; 70                  |
| 39                  | Screw—Brush Attaching #8-32x $\frac{5}{8}$ -----                          | *1926648 | 1108468-9; 70                             |
| —                   | Screw—Brush Support Attach. -----                                         | 274738   | 1108468-9; 70                             |
| 40                  | Screw—Brush Ground Lead -----                                             | 453647   | All                                       |
| 41                  | Screw—Brush Lead—To Field Coil -----                                      | 453463   | All                                       |
| —                   | Screw—Cover Band -----                                                    | 453479   | 1108461-4                                 |
| 42                  | Screw—Drive Housing -----                                                 | 453343   | 1108468                                   |
| 42                  | Screw—Drive Housing Attaching ( $\frac{1}{4}$ -20x $\frac{3}{4}$ ) -----  | 1918537  | 1108457; 61-4                             |
| 42                  | Screw—Drive Housing Attaching ( $\frac{1}{4}$ -20x1 $\frac{1}{8}$ ) ----- | 1915145  | 1108451-2-3-4-5-6-7-8-9; 61-4-5-6-9; 70   |
| —                   | Screw—Field Lead to Switch Connector -----                                | 453468   | 1108468-9; 70                             |
| 43                  | Screw—Pole Shoe -----                                                     | 1913100  | All Except 1108468-9; 70                  |
| 43                  | Screw—Pole Shoe -----                                                     | 1913960  | 1108468-9; 70                             |
| 44                  | Screw—Switch Attaching (10-32x5/16) -----                                 | 453319   | 1108451-2; 61-4                           |
| 44                  | Screw—Switch Attaching (10-32- $\frac{3}{8}$ ) -----                      | 132900   | 1108461-4                                 |
| 44                  | Screw—Switch Attaching -----                                              | 1917084  | 1108453-4-5-6-8-9; 65-6-9; 70             |
| <b>WASHERS</b>      |                                                                           |          |                                           |
| 45                  | Washer—Adjusting Screw—Space -----                                        | 833795   | 1108453-4-6                               |
| 46                  | Washer—Brake—D.E. (Leather) -----                                         | 819468   | 1108451-2-3-4-6-8-9; 65-6                 |
| 47                  | Washer—Space—Between Gear & Housing -----                                 | *805727  | 1108451-2-3-4-5-6-7                       |
| 48                  | Washer—Oil Thrower -----                                                  | 809817   | 1108451-2-3-4-5-6-7-8-9; 61-4-5-6-8-9; 70 |
| 49                  | Washer—Space—Between Gear & Cover Plate ----                              | 819149   | 1108451-2-3-4-6-8-9; 65-6                 |
| 49                  | Washer—Space—Between Gear & Cover Plate ----                              | 1849774  | 1108455-7; 61-4-8-9; 70                   |
| 50                  | Washer—Felt—Between Gear & Cover Plate -----                              | 813134   | 1108451-2-3-4-5-6-7-8-9; 61-4-5-6-8-9; 70 |
| 51                  | Washer—Space—C.E. -----                                                   | 1914842  | 1108451-2-3-4-5-6-7-8-9; 61-4-5-6-8-9; 70 |
| 52                  | Washer—Space—D.E. -----                                                   | 805676   | 1108457; 68                               |
| 52                  | Washer—Space—D.E. ( $\frac{1}{8}$ x $\frac{3}{4}$ x $\frac{1}{8}$ ) ----- | 1914842  | 1108455; 61-4-9; 70                       |
| 52                  | Washer—Space—D.E. -----                                                   | 1928023  | 1108451-2-3-4-6-8-9; 65-6                 |
| 53                  | Washer—Space—D.E. $\frac{5}{8}$ x1 $\frac{1}{8}$ x $\frac{3}{8}$ -----    | 1849774  | 1108455; 61-4-9; 70                       |
| 54                  | Washer—Ins. Term. Stud ( $\frac{3}{4}$ O.D.) -----                        | 805613   | 1108468; 70                               |
| 54                  | Washer—Insulation—Terminal Stud ( $\frac{3}{4}$ O.D.) -----               | 1913959  | All Except 1108468-9; 70                  |
| 55                  | Washer—Ins. Term. Stud ( $\frac{3}{4}$ O.D.) -----                        | 1881866  | 1108468; 70                               |
| 55                  | Washer—Insulation—Terminal Stud ( $\frac{3}{4}$ O.D.) -----               | 1913958  | All Except 1108468-9; 70                  |
| 56                  | Washer—Klingtite—Terminal Stud -----                                      | 1837885  | 1108451-2                                 |
| 57                  | Washer—Plain—Terminal Stud -----                                          | 812622   | All Except 1108468-9; 70                  |
| 57                  | Washer—Plain—Term. Stud -----                                             | 1903092  | 1108468; 70                               |
| —                   | Washer—Plain—Spring Support Nut -----                                     | 1905125  | 1108466                                   |
| 57                  | Washer—Plain—Switch Terminal -----                                        | 812622   | 1108451-2; 61-4                           |

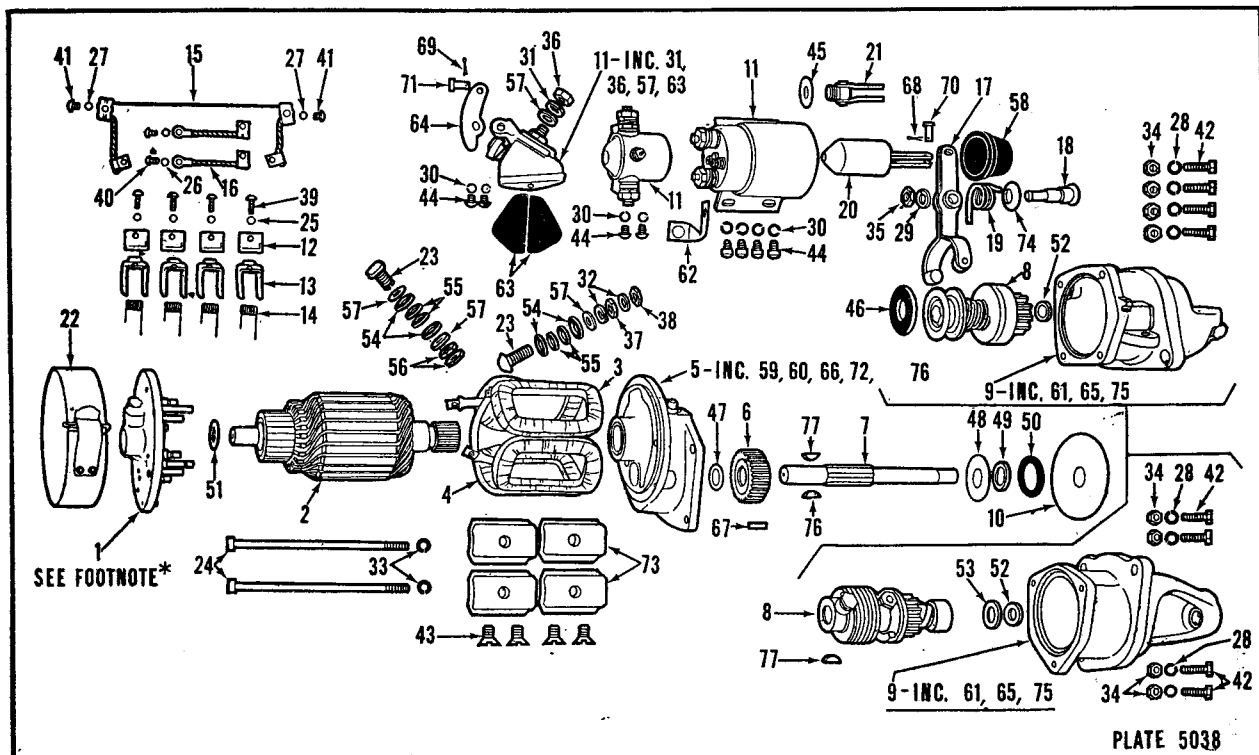
\*Use when necessary to reduce end play.

\*Later production used #8-18x $\frac{5}{8}$  Part No. 1967747.

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

MINOR PARTS SECTION

| Illus. No.           | Name                                          | Part No. | Used on Models                            |
|----------------------|-----------------------------------------------|----------|-------------------------------------------|
| <b>MISCELLANEOUS</b> |                                               |          |                                           |
| 58                   | BOOT—Plunger -----                            | 1912448  | 1108458-9; 65-6; 70                       |
| —                    | BUSHING—C.E. -----                            | 1872678  | 1108451-2-3-4-5-6-8-9; 66                 |
| 59                   | BUSHING—In Gear Housing—For Arm. Shaft -----  | 1930891  | 1108451-2-3-4-5-6-9; 63; 65; 70           |
| 60                   | BUSHING—In Gear Housing—For Drive Shaft ----- | 1874119  | 1108451-2-3-4-5-6-9; 65-6; 70             |
| 61                   | BUSHING—D.E. -----                            | 1959998  | 1108451-2-3-4-6-8-9; 65-6                 |
| 61                   | BUSHING—D.E. -----                            | 826462   | 1108455; 69; 70                           |
| 61                   | BUSHING—D.E. -----                            | 810217   | 1108457; 68                               |
| 61                   | BUSHING—D.E. -----                            | 810620   | 1108461-4                                 |
| —                    | COLLAR—Shift Lever Space -----                | 1863298  | 1108451-2                                 |
| —                    | COLLAR—Stop -----                             | 1928021  | 1108470                                   |
| —                    | CONNECTOR—Field to Switch -----               | 1935314  | 1108469                                   |
| 62                   | CONNECTOR—Switch -----                        | 1853307  | 1108453-4-6                               |
| 62                   | CONNECTOR—Switch -----                        | 1878056  | 1108455                                   |
| 62                   | CONNECTOR—Switch -----                        | 1912390  | 1108458-9; 66                             |
| 62                   | CONNECTOR—Switch -----                        | 1933100  | 1108465                                   |
| —                    | CONNECTOR—Switching Attaching -----           | 1935426  | 1108470                                   |
| —                    | COVER—Switch Connector -----                  | 1853306  | 1108453-4-6                               |
| —                    | GASKET—D.E. -----                             | 1930894  | 1108466                                   |
| —                    | GASKET—Lever Shaft Nut -----                  | 1916267  | 1108466                                   |
| —                    | GASKET—Switch -----                           | 1912376  | 1108461-4                                 |
| —                    | GROMMET—In Field Frame -----                  | 1926604  | 1108469                                   |
| —                    | INSULATOR—Field Coil -----                    | 820171   | 1108453-4-5-6                             |
| —                    | INSULATOR—Field Coil -----                    | 1927853  | 1108470                                   |
| 63                   | INSULATOR—Switch Side -----                   | 816911   | 1108451-2; 61-4                           |
| —                    | INSULATOR—Terminal Stud -----                 | 1939447  | 1108468; 70                               |
| —                    | LEAD—Switch to C. E. Terminal -----           | 1872810  | 1108453                                   |
| 64                   | LEVER—Switch -----                            | 1918322  | 1108461-4                                 |
| —                    | OILER—C.E. -----                              | 114998   | 1108451-2-3-4-5-6-7-8-9; 61-4-5-6         |
| 65                   | OILER—D.E. -----                              | 114998   | 1108451-2-3-4-5-6-8-9; 65-6-8             |
| 66                   | OILER—In Gear Housing -----                   | 114998   | 1108451-2-3-4-5-6-7-8-9; 61-4-5-8         |
| —                    | PIN—Brush Holder Hinge -----                  | 817313   | All Except 1108468-9; 70                  |
| —                    | PIN—Brush Holder Stop -----                   | 817314   | All Except 1108468-9; 70                  |
| —                    | PIN—Brush Support -----                       | 1926600  | 1108468-9; 70                             |
| —                    | PIN (& Insulation) Brush Holder Hinge -----   | 812016   | All Except 1108468-9; 70                  |
| —                    | PIN (& Insulation) Brush Holder Stop -----    | 812015   | All Except 1108468-9; 70                  |
| —                    | PIN—Dowel—C.E. -----                          | 809062   | All Except 1108468-9; 70                  |
| —                    | PIN—Dowel—D.E. -----                          | 809593   | All                                       |
| 68                   | PIN—Cotter—Shift Lever -----                  | 112726   | 1108453-4-6-8-9; 65-6; 70                 |
| 69                   | PIN—Cotter—Switch Lever -----                 | 137130   | 1108461-4                                 |
| 70                   | PIN—Shift Lever -----                         | 1853305  | 1108453-4-6-8-9; 65-6; 70                 |
| 71                   | PIN—Switch Lever -----                        | 1930648  | 1108461-4                                 |
| —                    | PLUG—Expansion—C.E. -----                     | 810819   | 1108451-2-3-4-5-6-8-9; 65                 |
| —                    | PLUG—Expansion—C.E. -----                     | 1865182  | 1108457; 61-4-5                           |
| 72                   | PLUG—Expansion—In Gear Housing -----          | 103893   | 1108451-2-3-4-5-6-8-9; 65-6-9; 70         |
| 72                   | PLUG—Expansion—In Gear Housing -----          | 810819   | 1108457; 61-4-8                           |
| —                    | PLUG—Extension—Lever Shaft -----              | 172526   | 1108466                                   |
| —                    | PLUG—Pipe—In Gear Housing -----               | 103877   | 1108451-2-3-4-5-6-7-8-9; 61-4-5-8-9; 70   |
| —                    | PLUG—Pipe—In Gear Housing -----               | 453465   | 1108466-9; 70                             |
| —                    | PLUG—Pipe—D.E. -----                          | 453465   | 1108469-70                                |
| —                    | RING—"O"—On Lever Shaft -----                 | 1911165  | 1108466                                   |
| —                    | RING—Retainer -----                           | 1928022  | 1108470                                   |
| —                    | SEAL—Oil—In Gear Housing -----                | 1930892  | 1108466                                   |
| 73                   | SHOE—Pole -----                               | 1931129  | 1108468-9; 70                             |
| 73                   | SHOE—Pole -----                               | 810601   | All Except 1108468-9; 70                  |
| —                    | SUPPORT—(Pkg.) Brush Holder -----             | 1928015  | 1108468-9; 70                             |
| 74                   | SUPPORT—Lever Spring -----                    | 1835998  | 1108451-2-3-4-6-8-9; 65; 70               |
| 74                   | SUPPORT—Lever Spring -----                    | 1910852  | 1108466                                   |
| —                    | STUD (& Lead Assem.)—C.E. -----               | 1838915  | 1108453                                   |
| —                    | WICK—Oil—C.E. -----                           | 1919851  | All                                       |
| 75                   | WICK—Oil—D.E. -----                           | 1916439  | 1108469; 70                               |
| 75                   | WICK—Oil—D.E. -----                           | 1919851  | 1108451-2-3-4-6-8-9; 65-6-8               |
| 76                   | WICK—Oil—In Gear Housing -----                | 1919851  | All                                       |
| 77                   | WOODRUFF KEY -----                            | 124546   | 1108451-2-3-4-5-6-7-8-9; 61-4-5-6-8-9; 70 |



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

| Model No. | *Frame — C.E. | Arma-<br>ture | Field<br>Coil<br>—<br>Upper | Field<br>Coil<br>—<br>Lower | Housing<br>—<br>Gear | Gear<br>— | Shaft<br>— | Drive<br>—<br>Assem. | Housing<br>—<br>Drive | Plate<br>—<br>Housing<br>Cover | Switch<br>— | Brush<br>— |
|-----------|---------------|---------------|-----------------------------|-----------------------------|----------------------|-----------|------------|----------------------|-----------------------|--------------------------------|-------------|------------|
|           | 1             | 2             | 3                           | 4                           | 5                    | 6         | 7          | 8                    | 9                     | 10                             | 11          | 12         |
| 1108451   | 1935681       | 818134        | 819688                      | 819689                      | 1874117              | 817041    | 1921832    | *1874133             | 1874116               | 819148                         | 820052      | 811553     |
| 1108452   | "             | "             | "                           | "                           | 1874379              | "         | "          | "                    | 1874378               | "                              | "           | "          |
| 1108453   | 1950382       | "             | 817056                      | 817055                      | 1874117              | "         | "          | "                    | 1879157               | "                              | x1118031    | "          |
| 1108454   | 1935681       | "             | "                           | "                           | 1880517              | "         | "          | "                    | "                     | "                              | 1546        | "          |
| 1108455   | "             | "             | "                           | "                           | 1880638              | "         | 1880640    | 1901846              | 1880639               | 809816                         | 1452        | "          |
| 1108456   | "             | "             | "                           | "                           | 1874117              | "         | 1921832    | *1874133             | 1879157               | 819148                         | *1118101    | "          |
| 1108457   | 1908580       | "             | "                           | "                           | 1840655              | "         | 809663     | 1859631              | 1886175               | 809816                         | "           | "          |
| 1108458   | 1935681       | "             | "                           | "                           | 1880517              | "         | 1921832    | *1874133             | 1879157               | 819148                         | 1114311     | "          |
| 1108459   | "             | "             | 817056                      | 817055                      | 1916653              | "         | "          | "                    | 1880415               | "                              | "           | "          |
| 1108461   | 815839        | "             | 826282                      | 826281                      | 1839174              | "         | 1880640    | 1864684              | 1923374               | 809816                         | 1932131     | "          |
| 1108464   | 1908580       | "             | "                           | "                           | "                    | "         | "          | "                    | 1925826               | "                              | "           | "          |
| 1108465   | 1935681       | "             | 817056                      | 817055                      | 1929562              | "         | 1921832    | *1874133             | 1929561               | 819148                         | 1114312     | "          |
| 1108466   | "             | 1930899       | "                           | "                           | 1930889              | "         | "          | "                    | 1930893               | "                              | 1114311     | "          |
| 1108468   | 1928966       | 1961657       | 1942021                     | 1932743                     | 1961980              | 817070    | 809663     | 1859631              | 1961978               | 827518                         | "           | 1906945    |
| 1108469   | "             | "             | "                           | "                           | 1961612              | 817041    | 1880640    | 1901846              | 1880639               | 809816                         | 1467        | "          |
| 1108470   | "             | "             | "                           | "                           | "                    | "         | "          | "                    | "                     | "                              | 1119912     | "          |

\*For parts see Motor Drive—Group 1.

\*For parts see Motor Drive—Group 4 (Clutch Type).

\*For parts see Magnetic Switch—Group 4.

\*For parts see Switch—Group 102.

\*For parts see Switch—Group 103.

†For parts see Switch—Group 103-A.

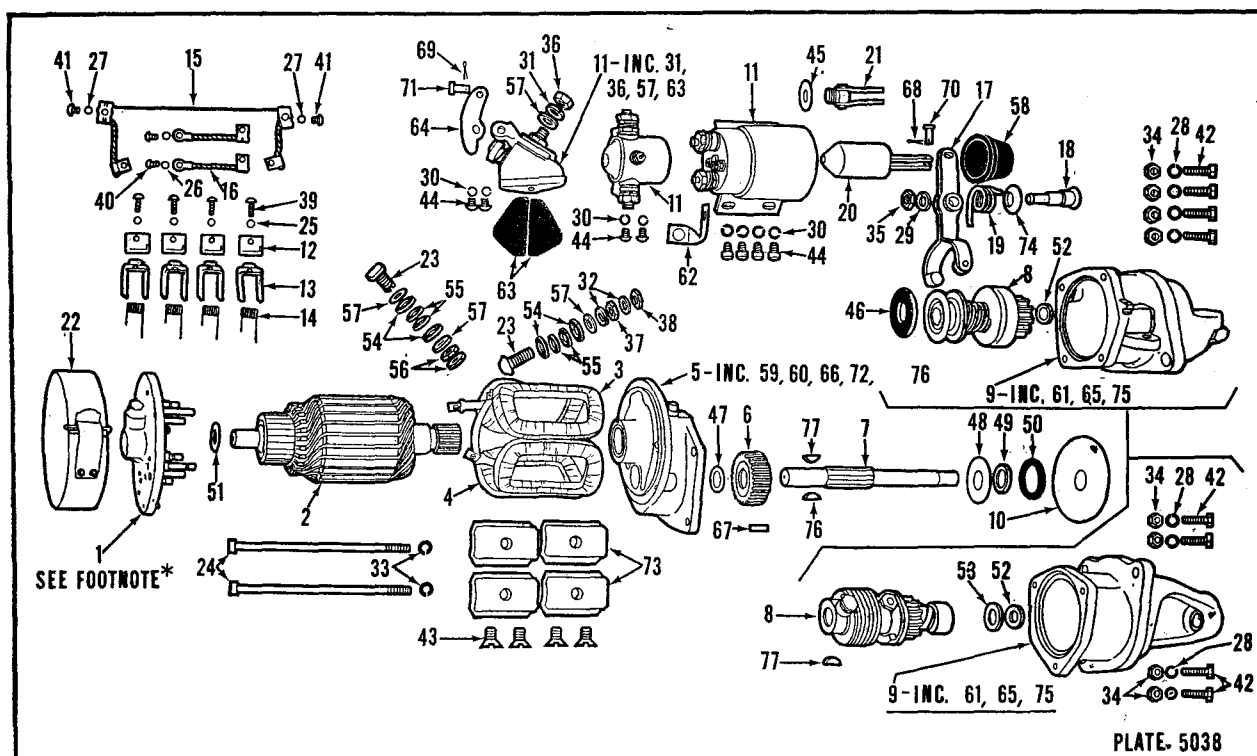
\*C. E. Frame includes (where necessary) Brush Pins, Oiler, Wick, Dowel Pin, Expansion Plug, & Bushing. See Misc. Section for parts.

○3 Coils

▲Shunt Coil

†For parts see Switch—Group 103-B

# **Delco-Remy** SERVICE PARTS CATALOG



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

| Model No.    | Holder — Brush | Spring — Brush | Lead — Brush Jumper | Lead — Brush Ground | Lever — Shift | Stud — Shift Lever | Spring — Shift Lever | Plunger & Link | Link & Screw | Band — Cover | Stud — Terminal | Bolt — Thru |
|--------------|----------------|----------------|---------------------|---------------------|---------------|--------------------|----------------------|----------------|--------------|--------------|-----------------|-------------|
|              | 13             | 14             | 15                  | 16                  | 17            | 18                 | 19                   | 20             | 21           | 22           | 23              | 24          |
| 1108451..... | 810226         | 813521         | 819362              | 813554              | 1874120       | 1863297            | 1874123              |                |              | 817114       | 1913694         | 1932271     |
| 1108452..... | "              | "              | "                   | "                   | "             | "                  | 1863299              |                |              | "            | "               | "           |
| 1108453..... | "              | "              | "                   | "                   | 1935524       | 1917078            | 1845936              |                | 1854598      | "            | 826938          | "           |
| 1108454..... | "              | "              | "                   | "                   | "             | "                  | "                    |                | "            | "            | "               | "           |
| 1108455..... | "              | "              | "                   | "                   |               |                    |                      |                |              | "            | "               | "           |
| 1108456..... | "              | "              | "                   | "                   | 1935524       | 1917078            | 1845936              |                | 1854598      | "            | "               | "           |
| 1108457..... | "              | "              | "                   | "                   | "             | "                  | "                    |                | "            | "            | "               | "           |
| 1108458..... | "              | "              | "                   | "                   | 1935524       | 1917078            | 1845936              | 1913282        |              | "            | "               | "           |
| 1108459..... | "              | "              | "                   | "                   | "             | "                  | "                    |                |              | "            | "               | "           |
| 1108461..... | "              | "              | "                   | "                   |               |                    |                      |                |              | 1886923      | 1913694         | "           |
| 1108464..... | "              | "              | "                   | "                   |               |                    |                      |                |              | "            | 1913694         | "           |
| 1108465..... | "              | "              | "                   | "                   | 1935524       | 1917078            | 1845936              | 1913282        |              | 817114       | 826938          | "           |
| 1108466..... | "              | "              | "                   | "                   | "             | 1916269            | 1910851              |                |              | "            | "               | "           |
| 1108468..... | +              | 1926622        |                     | 1926605             |               |                    |                      |                |              |              | 1939446         | 1939970     |
| 1108469..... | +              | "              |                     | "                   |               |                    |                      |                |              |              | "               | "           |
| 1108470..... | +              | "              |                     | "                   | 1935524       | 1917078            | 1845936              | 1913282        |              |              | 1939446         | "           |

<sup>Δ</sup>Use 1935540 Lever (Lower) and 1930898 Lever (Upper).

\*1926617 Holder—Ground and 1938587 Holder—Ins.

## 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                            |
|---------------------|------------------------------------------------------------------------------|----------|-------------------------------------------|
| <b>LOCK WASHERS</b> |                                                                              |          |                                           |
| 25                  | Lock Washer—Brush Attaching Screw -----                                      | 456413   | All                                       |
| 26                  | Lock Washer—Brush Ground Lead Screw -----                                    | 453844   | All                                       |
| 27                  | Lock Washer—Brush Lead Screw—To Field Coil --                                | 453435   | All                                       |
| —                   | Lock Washer—Brush Support Attaching -----                                    | 453435   | 1108468-9; 70                             |
| 28                  | Lock Washer—Drive Housing Screw -----                                        | 9421423  | 1108451-2-3-4-5-6-7-8-9; 61-4-5-6-8-9; 70 |
| —                   | Lock Washer—Field Lead to Switch Connector ----                              | 453435   | 1108468-9; 70                             |
| 29                  | Lock Washer—Shift Lever Stud -----                                           | 9421425  | 1108451-2-3-4-6-8-9; 65-6; 70             |
| —                   | Lock Washer—Spring Support Nut -----                                         | 9421423  | 1108466                                   |
| 30                  | Lock Washer—Switch Attaching Screw -----                                     | 453435   | 1108451-2; 61-4                           |
| 30                  | Lock Washer—Switch Attaching Screw -----                                     | 9421423  | 1108453-4-5-6-8                           |
| 31                  | Lock Washer—Switch Terminal Nut -----                                        | 9421425  | 1108451-2; 61-4                           |
| 32                  | Lock Washer—Terminal Nut -----                                               | 9421425  | 1108453-4-5-6-7-8-9; 65-6                 |
| 32                  | Lock Washer—Terminal Stud -----                                              | 9421424  | 1108468                                   |
| 33                  | Lock Washer—Thru Bolt -----                                                  | 9421423  | All                                       |
| <b>NUTS</b>         |                                                                              |          |                                           |
| —                   | Nut—Brush Support Attach. Screw -----                                        | 120361   | 1108468                                   |
| —                   | Nut—Cover Band Screw -----                                                   | 453433   | 1108461-4                                 |
| 34                  | Nut—Drive Housing Screw -----                                                | 134551   | 1108451-2-3-4-5-6-9; 61-4-5-6-9; 70       |
| 35                  | Nut—Lever Shaft -----                                                        | 1916268  | 1108466                                   |
| 35                  | Nut—Shift Lever Stud -----                                                   | 805258   | 1108451-2-3-4-6-8-9; 65-6; 70             |
| —                   | Nut—Spring Support Attaching -----                                           | 134551   | 1108466                                   |
| 36                  | Nut—Switch Terminal -----                                                    | 134566   | 1108451-2; 61-4                           |
| 37                  | Nut—Terminal Stud -----                                                      | 134556   | 1108468; 70                               |
| 37                  | Nut—Terminal Stud -----                                                      | 805258   | 1108453-4-6-7-8-9; 65-6                   |
| 38                  | Nut—Terminal Stud -----                                                      | 805258   | 1108453-4-6-7-8-9; 65-6                   |
| —                   | Nut—Terminal Stud (Inside) -----                                             | 1835299  | 1108461-4; 52                             |
| <b>SCREWS</b>       |                                                                              |          |                                           |
| 39                  | Screw—Brush Attaching -----                                                  | 454154   | All Except 1108468-9; 70                  |
| 39                  | Screw—Brush Attaching #8-32x $\frac{3}{8}$ -----                             | *1926648 | 1108468-9; 70                             |
| —                   | Screw—Brush Support Attach. -----                                            | 274738   | 1108468-9; 70                             |
| 40                  | Screw—Brush Ground Lead -----                                                | 453647   | All                                       |
| 41                  | Screw—Brush Lead—To Field Coil -----                                         | 453463   | All                                       |
| —                   | Screw—Cover Band -----                                                       | 453479   | 1108461-4                                 |
| 42                  | Screw—Drive Housing -----                                                    | 453343   | 1108468                                   |
| 42                  | Screw—Drive Housing Attaching ( $\frac{1}{4}$ -20x $\frac{3}{4}$ ) -----     | 1918537  | 1108457; 61-4                             |
| 42                  | Screw—Drive Housing Attaching ( $\frac{1}{4}$ -20x1 $\frac{1}{8}$ ) -----    | 1915145  | 1108451-2-3-4-5-6-8-9; 61-4-5-6-9; 70     |
| —                   | Screw—Field Lead to Switch Connector -----                                   | 453468   | 1108468-9; 70                             |
| 43                  | Screw—Pole Shoe -----                                                        | 1913100  | All Except 1108468-9; 70                  |
| 43                  | Screw—Pole Shoe -----                                                        | 1913960  | 1108468-9; 70                             |
| 44                  | Screw—Switch Attaching (10-32x5/16) -----                                    | 453319   | 1108451-2; 61-4                           |
| 44                  | Screw—Switch Attaching (10-32- $\frac{3}{8}$ ) -----                         | 132900   | 1108461-4                                 |
| 44                  | Screw—Switch Attaching -----                                                 | 1917084  | 1108453-4-5-6-8-9; 65-6-9; 70             |
| <b>WASHERS</b>      |                                                                              |          |                                           |
| 45                  | Washer—Adjusting Screw—Space -----                                           | 833795   | 1108453-4-6                               |
| 46                  | Washer—Brake—D.E. (Leather) -----                                            | 819468   | 1108451-2-3-4-6-8-9; 65-6                 |
| 47                  | Washer—Space—Between Gear & Housing -----                                    | *805727  | 1108451-2-3-4-5-6-7                       |
| 48                  | Washer—Oil Thrower -----                                                     | 809817   | 1108451-2-3-4-5-6-7-8-9; 61-4-5-6-8-9; 70 |
| 49                  | Washer—Space—Between Gear & Cover Plate -----                                | 819149   | 1108451-2-3-4-6-8-9; 65-6                 |
| 49                  | Washer—Space—Between Gear & Cover Plate -----                                | 1849774  | 1108455-7; 61-4-8-9; 70                   |
| 50                  | Washer—Felt—Between Gear & Cover Plate -----                                 | 813134   | 1108451-2-3-4-5-6-7-8-9; 61-4-5-6-8-9; 70 |
| 51                  | Washer—Space—C.E. -----                                                      | 1914842  | 1108451-2-3-4-5-6-7-8-9; 61-4-5-6-8-9; 70 |
| 52                  | Washer—Space—D.E. -----                                                      | 805676   | 1108457; 68                               |
| 52                  | Washer—Space—D.E. ( $\frac{3}{16}$ x $\frac{11}{16}$ x $\frac{1}{8}$ ) ----- | 1914842  | 1108455; 61-4-9; 70                       |
| 52                  | Washer—Space—D.E. -----                                                      | 1928023  | 1108451-2-3-4-6-8-9; 65-6                 |
| 53                  | Washer—Space—D.E. ( $\frac{5}{16}$ x1 $\frac{1}{8}$ x $\frac{1}{8}$ ) -----  | 1849774  | 1108455; 61-4-9; 70                       |
| 54                  | Washer—Ins. Term. Stud ( $\frac{3}{4}$ O.D.) -----                           | 805613   | 1108468; 70                               |
| 54                  | Washer—Insulation—Terminal Stud ( $\frac{3}{4}$ O.D.) -----                  | 1913959  | All Except 1108468-9; 70                  |
| 55                  | Washer—Ins. Term. Stud ( $\frac{3}{4}$ O.D.) -----                           | 1881866  | 1108468; 70                               |
| 55                  | Washer—Insulation—Terminal Stud ( $\frac{3}{4}$ O.D.) -----                  | 1913958  | All Except 1108468-9; 70                  |
| 56                  | Washer—Klingtite—Terminal Stud -----                                         | 1837885  | 1108451-2                                 |
| 57                  | Washer—Plain—Terminal Stud -----                                             | 812622   | All Except 1108468-9; 70                  |
| 57                  | Washer—Plain—Term. Stud -----                                                | 1903092  | 1108468; 70                               |
| —                   | Washer—Plain—Spring Support Nut -----                                        | 1905125  | 1108466                                   |
| 57                  | Washer—Plain—Switch Terminal -----                                           | 812622   | 1108451-2; 61-4                           |

\*Use when necessary to reduce end play.

\*Later production used #8-18x $\frac{3}{8}$  Part No. 1967747.

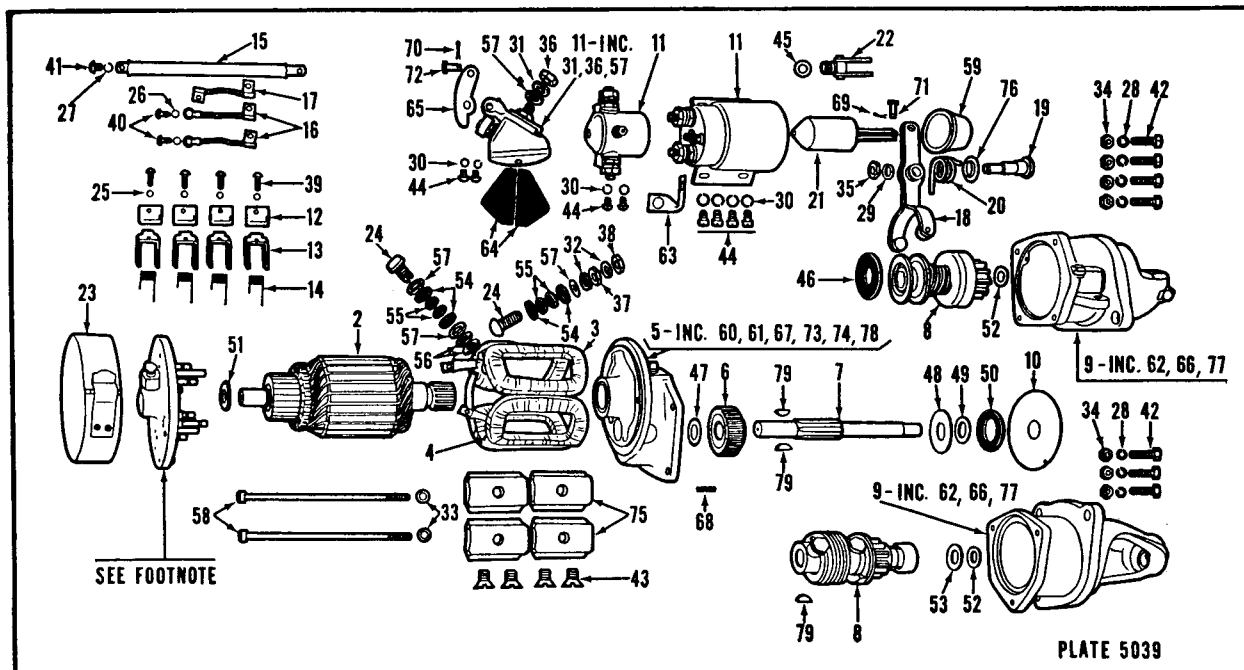
Parts not listed in this catalog will not be sold separately.

# MINOR PARTS SECTION

| Illus. No.           | Name                                          | Part No. | Used on Models                            |
|----------------------|-----------------------------------------------|----------|-------------------------------------------|
| <b>MISCELLANEOUS</b> |                                               |          |                                           |
| 58                   | BOOT—Plunger -----                            | 1912448  | 1108458-9; 65-6; 70                       |
| —                    | BUSHING—C.E. -----                            | 1872678  | 1108451-2-3-4-5-6-8-9; 66                 |
| 59                   | BUSHING—In Gear Housing—For Arm. Shaft -----  | 1930891  | 1108451-2-3-4-5-6-9; 63; 65; 70           |
| 60                   | BUSHING—In Gear Housing—For Drive Shaft ----- | 1874119  | 1108451-2-3-4-5-6-9; 65-6; 70             |
| 61                   | BUSHING—D.E. -----                            | 1959998  | 1108451-2-3-4-6-8-9; 65-6                 |
| 61                   | BUSHING—D.E. -----                            | 826462   | 1108455; 69; 70                           |
| 61                   | BUSHING—D.E. -----                            | 810217   | 1108457; 68                               |
| 61                   | BUSHING—D.E. -----                            | 810620   | 1108461-4                                 |
| —                    | COLLAR—Shift Lever Space -----                | 1863298  | 1108451-2                                 |
| —                    | COLLAR—Stop -----                             | 1928021  | 1108470                                   |
| —                    | CONNECTOR—Field to Switch -----               | 1935314  | 1108469                                   |
| 62                   | CONNECTOR—Switch -----                        | 1853307  | 1108453-4-6                               |
| 62                   | CONNECTOR—Switch -----                        | 1878056  | 1108455                                   |
| 62                   | CONNECTOR—Switch -----                        | 1912390  | 1108458-9; 66                             |
| 62                   | CONNECTOR—Switch -----                        | 1933100  | 1108465                                   |
| —                    | CONNECTOR—Switching Attaching -----           | 1935426  | 1108470                                   |
| —                    | COVER—Switch Connector -----                  | 1853306  | 1108453-4-6                               |
| —                    | GASKET—D.E. -----                             | 1930894  | 1108466                                   |
| —                    | GASKET—Lever Shaft Nut -----                  | 1916267  | 1108466                                   |
| —                    | GASKET—Switch -----                           | 1912376  | 1108461-4                                 |
| —                    | GROMMET—In Field Frame -----                  | 1926604  | 1108469                                   |
| —                    | INSULATOR—Field Coil -----                    | 820171   | 1108453-4-5-6                             |
| —                    | INSULATOR—Field Coil -----                    | 1927853  | 1108470                                   |
| 63                   | INSULATOR—Switch Side -----                   | 816911   | 1108451-2; 61-4                           |
| —                    | INSULATOR—Terminal Stud -----                 | 1939447  | 1108468; 70                               |
| —                    | LEAD—Switch to C. E. Terminal -----           | 1872810  | 1108453                                   |
| 64                   | LEVER—Switch -----                            | 1918322  | 1108461-4                                 |
| —                    | OILER—C.E. -----                              | 114998   | 1108451-2-3-4-5-6-7-8-9; 61-4-5-6         |
| 65                   | OILER—D.E. -----                              | 114998   | 1108451-2-3-4-5-6-8-9; 65-6-8             |
| 66                   | OILER—In Gear Housing -----                   | 114998   | 1108451-2-3-4-5-6-7-8-9; 61-4-5-8         |
| —                    | PIN—Brush Holder Hinge -----                  | 817313   | All Except 1108468-9; 70                  |
| —                    | PIN—Brush Holder Stop -----                   | 817314   | All Except 1108468-9; 70                  |
| —                    | PIN—Brush Support -----                       | 1926600  | 1108468-9; 70                             |
| —                    | PIN (& Insulation) Brush Holder Hinge -----   | 812016   | All Except 1108468-9; 70                  |
| —                    | PIN (& Insulation) Brush Holder Stop -----    | 812015   | All Except 1108468-9; 70                  |
| —                    | PIN—Dowel—C.E. -----                          | 809062   | All Except 1108468-9; 70                  |
| —                    | PIN—Dowel—D.E. -----                          | 809593   | All                                       |
| 68                   | PIN—Cotter—Shift Lever -----                  | 112726   | 1108453-4-6-8-9; 65-6; 70                 |
| 69                   | PIN—Cotter—Switch Lever -----                 | 137130   | 1108461-4                                 |
| 70                   | PIN—Shift Lever -----                         | 1833305  | 1108453-4-6-8-9; 65-6; 70                 |
| 71                   | PIN—Switch Lever -----                        | 1930648  | 1108461-4                                 |
| —                    | PLUG—Expansion—C.E. -----                     | 810819   | 1108451-2-3-4-5-6-8-9; 65                 |
| —                    | PLUG—Expansion—C.E. -----                     | 1865182  | 1108457; 61-4-5                           |
| 72                   | PLUG—Expansion—In Gear Housing -----          | 103893   | 1108451-2-3-4-5-6-8-9; 65-6-9; 70         |
| 72                   | PLUG—Expansion—In Gear Housing -----          | 810819   | 1108457; 61-4-8                           |
| —                    | PLUG—Extension—Lever Shaft -----              | 172526   | 1108466                                   |
| —                    | PLUG—Pipe—In Gear Housing -----               | 103877   | 1108451-2-3-4-5-6-7-8-9; 61-4-5-8-9; 70   |
| —                    | PLUG—Pipe—In Gear Housing -----               | 453465   | 1108466-9; 70                             |
| —                    | PLUG—Pipe—D.E. -----                          | 453465   | 1108469-70                                |
| —                    | RING—"O"—On Lever Shaft -----                 | 1911165  | 1108466                                   |
| —                    | RING—Retainer -----                           | 1928022  | 1108470                                   |
| —                    | SEAL—Oil—In Gear Housing -----                | 1930892  | 1108466                                   |
| 73                   | SHOE—Pole -----                               | 1931129  | 1108468-9; 70                             |
| 73                   | SHOE—Pole -----                               | 810601   | All Except 1108468-9; 70                  |
| —                    | SUPPORT—(Pkg.) Brush Holder -----             | 1928015  | 1108468-9; 70                             |
| 74                   | SUPPORT—Lever Spring -----                    | 1835998  | 1108451-2-3-4-6-8-9; 65; 70               |
| 74                   | SUPPORT—Lever Spring -----                    | 1910852  | 1108466                                   |
| —                    | STUD (& Lead Assem.)—C.E. -----               | 1838915  | 1108453                                   |
| —                    | WICK—Oil—C.E. -----                           | 1919851  | All                                       |
| 75                   | WICK—Oil—D.E. -----                           | 1916439  | 1108469; 70                               |
| 75                   | WICK—Oil—D.E. -----                           | 1919851  | 1108451-2-3-4-6-8-9; 65-6-8               |
| 76                   | WICK—Oil—In Gear Housing -----                | 1919851  | All                                       |
| 77                   | WOODRUFF KEY -----                            | 124546   | 1108451-2-3-4-5-6-7-8-9; 61-4-5-6-8-9; 70 |

Revised to May 1, 1965

## SERVICE PARTS CATALOG



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

| Model No. | * Frame<br>—<br>C.E. | Arma-<br>ture | Field<br>Coil<br>—<br>Upper | Field<br>Coil<br>—<br>Lower | Housing<br>—<br>Gear | Gear   | Shaft   | Drive<br>—<br>Assem-<br>bly | Housing<br>—<br>Drive | Plate<br>—<br>Housing<br>Cover | Switch   | Brush  |
|-----------|----------------------|---------------|-----------------------------|-----------------------------|----------------------|--------|---------|-----------------------------|-----------------------|--------------------------------|----------|--------|
|           | 1                    | 2             | 3                           | 4                           | 5                    | 6      | 7       | 8                           | 9                     | 10                             | 11       | 12     |
| 1108526   | 1908580              | 818134        | 1838410                     | 1838409                     | 1859630              | 817041 | 809663  | †1859631                    | 1859629               | 809816                         |          | 828443 |
| 1108527   | 1935681              | "             | "                           | "                           | 1874158              | "      | 1921832 | †1854589                    | 1868717               | 819148                         | △1559    | "      |
| 1108528   | 1850165              | "             | "                           | "                           | 1872809              | "      | "       | "                           | "                     | "                              | □1565    | "      |
| 1108529   | 1908580              | "             | "                           | "                           | 1873134              | "      | 826786  | †828941                     | 1873135               | "                              | □1566    | "      |
| 1108530   | "                    | "             | ○825210                     |                             | 1839372              | "      | 828846  | †1857818                    | 1874707               | 809816                         |          | "      |
| 1108531   | 1864530              | "             | "                           |                             | 1874117              | "      | 1921832 | †1874133                    | 1874116               | 819148                         | 820052   | "      |
| 1108532   | "                    | "             | 1838410                     | 1838409                     | 1916653              | "      | "       | "                           | 1880415               | "                              | □118029  | "      |
| 1108533   | "                    | "             | "                           | "                           | 1880638              | "      | 1880640 | z1901846                    | 1880639               | 809816                         | *1457    | "      |
| 1108534   | "                    | "             | "                           | "                           | 1874117              | "      | 1921832 | †1874133                    | 1879157               | 819148                         | □118029  | "      |
| 1108535   | "                    | "             | "                           | "                           | 1880638              | "      | 1880640 | z1901846                    | 1880639               | 809816                         |          | "      |
| 1108536   | 1935681              | "             | ○825210                     |                             | 1833438              | "      | 828846  | †1857818                    | 1874707               | "                              |          | "      |
| 1108537   | 1838913              | "             | 1838410                     | 1838409                     | 1874117              | "      | 1921832 | †1874133                    | 1879157               | 819148                         | □118054  | "      |
| 1108539   | 1864530              | "             | 1908631                     | 1838410                     | 1880517              | "      | "       | "                           | "                     | "                              | △1114315 | "      |
| 1108542   | 1935681              | "             | "                           | "                           | 1929562              | "      | "       | "                           | 1929561               | "                              | △1119773 | "      |
| 1108543   | "                    | 1930899       | "                           | "                           | 1930889              | "      | "       | "                           | 1930893               | "                              | △1114315 | "      |
| 1108545   | "                    | 818134        | "                           | "                           | 1929562              | "      | 1935424 | †1946220                    | 1935425               | "                              | *1119912 | "      |
| 1108546   | "                    | 1930899       | "                           | "                           | 1930889              | "      | "       | "                           | 1935447               | "                              | "        | "      |
| 1108547   | 1864530              | 818134        | ○                           |                             | 1880517              | "      | "       | "                           | 1938975               | "                              | "        | "      |

\*C.E. Frame includes Brush Pins, Oiler, Wick, Dowel Pin, Expansion Plug and Bushing (where necessary).

†For parts see Motor Drive—Group 1.

‡For parts see Motor Drive—Group 4.

\*For parts see Magnetic Switch—Group 4.

△For parts see Solenoid Switch—Group 102.

□For parts see Solenoid Switch—Group 103.

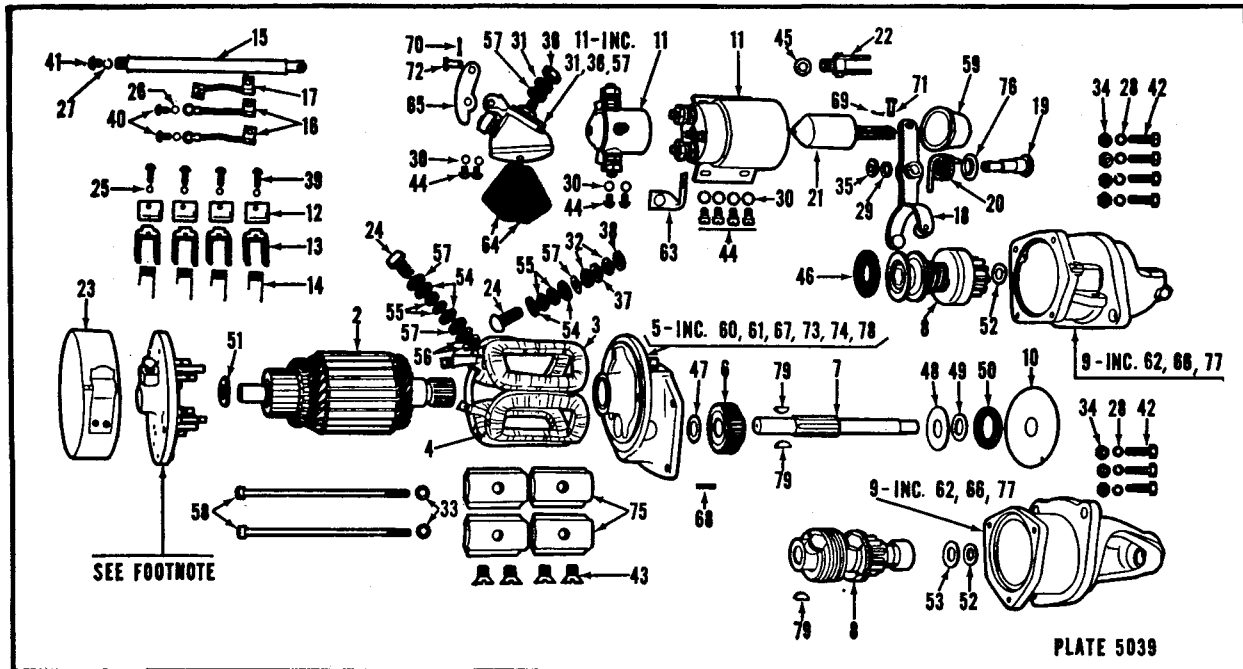
△For parts see Solenoid Switch—Group 103-A.

\*For parts see Solenoid Switch—Group 103-B.

○Four Coils.

zFor parts see Motor oDrive—Group 1-A

○Use 1838410 and 1908631.



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

| Model No.    | Holder — Brush | Spring — Brush | Lead — Brush Jumper | Lead — Brush Ground | Lead — Brush to Field | Lever — Shift | Stud — Shift Lever | Spring — Shift Lever | Plunger and Link | Link and Screw | Band — Cover | Stud — Terminal |
|--------------|----------------|----------------|---------------------|---------------------|-----------------------|---------------|--------------------|----------------------|------------------|----------------|--------------|-----------------|
|              | 13             | 14             | 15                  | 16                  | 17                    | 18            | 19                 | 20                   | 21               | 22             | 23           | 24              |
| 1108526..... | 810226         | 813521         | 813523              | 813554              | 811450                |               |                    |                      |                  |                | 817114       | 826938          |
| 1108527..... | "              | "              | "                   | "                   | "                     | 1935524       | 1917078            | 1845936              |                  | 1854598        | "            | "               |
| 1108528..... | "              | "              | "                   | "                   | "                     | "             | "                  | "                    |                  | "              | "            | "               |
| 1108529..... | "              | "              | "                   | 813554              | "                     | 1849030       | "                  | "                    |                  | 1849010        | "            | "               |
| 1108530..... | "              | "              | "                   | "                   | "                     |               |                    |                      |                  |                | "            | "               |
| 1108531..... | "              | "              | "                   | "                   | "                     | 1874120       | 1863297            | 1874123              |                  |                | "            | 1913694         |
| 1108532..... | "              | "              | "                   | "                   | "                     | 1935524       | 1917078            | 1845936              |                  | 1854598        | "            | 826938          |
| 1108533..... | "              | "              | "                   | "                   | "                     |               |                    |                      |                  |                | "            | "               |
| 1108534..... | "              | "              | "                   | "                   | "                     | 1935524       | 1917078            | 1845936              |                  | 1854598        | "            | "               |
| 1108535..... | "              | "              | "                   | "                   | "                     |               |                    |                      |                  |                | "            | "               |
| 1108536..... | "              | "              | "                   | "                   | "                     |               |                    |                      |                  |                | "            | "               |
| 1108537..... | "              | "              | "                   | "                   | "                     | 1935524       | 1917078            | 1845936              |                  | 1854598        | "            | "               |
| 1108539..... | "              | "              | "                   | 813554              | "                     | "             | "                  | "                    | 1913282          |                | "            | "               |
| 1108542..... | "              | "              | 1929901             | "                   | "                     | "             | "                  | "                    | "                |                | "            | "               |
| 1108543..... | "              | "              | 813523              | "                   | 811450                | "             | 1910849            | 1910851              | "                |                | "            | "               |
| 1108545..... | "              | "              | 1929901             | "                   | "                     | 1935524       | 1917078            | 1845936              | "                |                | "            | "               |
| 1108546..... | "              | "              | "                   | "                   | "                     | "             | 1910849            | 1910851              | "                |                | "            | "               |
| 1108547..... | "              | "              | "                   | "                   | "                     | 1935524       | 1917078            | 1845936              | "                |                | "            | "               |

\*Upper Lever is 1930898, Lower Lever 1935440.

# MINOR PARTS SECTION

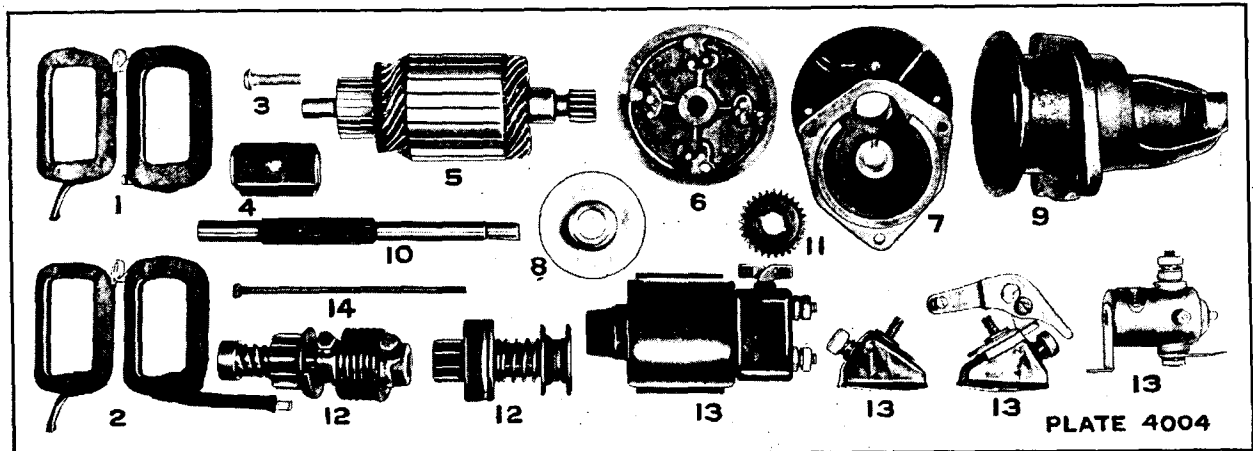
| Illus. No.          | Name                                                                           | Part No. | Used on Models                                |
|---------------------|--------------------------------------------------------------------------------|----------|-----------------------------------------------|
| <b>LOCK WASHERS</b> |                                                                                |          |                                               |
| 25                  | Lock Washer—Brush Attaching Screw.....                                         | 456413   | 1108526-7-8-9; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7 |
| 26                  | Lock Washer—Brush Ground Lead Screw.....                                       | 453844   | 1108526-7-9; 30-1-2-3-4-5-6-9; 42-3-5-6-7     |
| 27                  | Lock Washer—Brush Lead Screw—To Field Coil.....                                | 453435   | 1108526-7-8-9; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7 |
| .....               | Lock Washer—Condenser Attaching Screw.....                                     | 9421423  | 1108533                                       |
| 28                  | Lock Washer—Drive Housing Attaching Screw.....                                 | 9421423  | 1108526-7-8-9; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7 |
| 29                  | Lock Washer—Shift Lever Stud.....                                              | 9421425  | 1108527-8-9; 31-2-4-7-9; 42-3-5-6-7           |
| 29                  | Lock Washer—Shift Lever Shaft.....                                             | 1874495  | 1108543-6                                     |
| 30                  | Lock Washer—Switch Attaching Screw.....                                        | 1874495  | 1108527-8; 32-3-4-7-9                         |
| 30                  | Lock Washer—Switch Attaching Screw.....                                        | 9421423  | 1108529                                       |
| 30                  | Lock Washer—Switch Attaching Screw.....                                        | 453435   | 1108531                                       |
| 31                  | Lock Washer—Switch Terminal.....                                               | 9421425  | 1108531                                       |
| 32                  | Lock Washer—Terminal Stud.....                                                 | 9421425  | 1108526-7-8-9; 30-2-3-4-5-6-7-9; 42-3-5-6-7   |
| 33                  | Lock Washer—Thru Bolt.....                                                     | 9421423  | All                                           |
| <b>NUTS</b>         |                                                                                |          |                                               |
| 34                  | Nut—Drive Housing Screw.....                                                   | 134551   | 1108527-8; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7     |
| 35                  | Nut—Shift Lever Stud.....                                                      | 805258   | 1108527-8-9; 30-1-2-4-7-9; 42-3-5-6-7         |
| .....               | Nut—Shift Lever Attaching.....                                                 | 1916268  | 1108543-6                                     |
| .....               | Nut—Shift Lever Shaft.....                                                     | 134551   | 1108543-6                                     |
| 36                  | Nut—Switch Terminal.....                                                       | 134566   | 1108531                                       |
| 37                  | Nut—Terminal Stud ( $\frac{3}{8}$ " thk.).....                                 | 805258   | 1108526-7-8-9; 32-3-4-5-6-7-9; 42-3           |
| 37                  | Nut—Terminal Stud (Inside).....                                                | 1835299  | 1108531                                       |
| 38                  | Nut—Terminal Stud ( $\frac{3}{8}$ " thk.).....                                 | 805258   | 1108527-8-9; 32-3-4-5-6-7-9; 42-3-5-6-7       |
| 38                  | Nut—Terminal Stud ( $\frac{1}{4}$ " thk.).....                                 | 134566   | 1108526                                       |
| <b>SCREWS</b>       |                                                                                |          |                                               |
| 39                  | Screw—Brush Attaching.....                                                     | 454154   | 1108526-7-8-9; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7 |
| 40                  | Screw—Brush Ground Lead.....                                                   | 453647   | 1108526-7-9; 30-1-2-3-4-5-6-9; 42-3-5-6-7     |
| 41                  | Screw—Brush Lead—To Field Coil.....                                            | 132892   | 1108526-7-8-9; 30-1-2-4-5-6-7-9; 43-6-7       |
| 41                  | Screw—Brush Lead—To Field Coil.....                                            | 453319   | 1108533; 42-5                                 |
| .....               | Screw—Condenser Attaching.....                                                 | 131238   | 1108533                                       |
| 42                  | Screw—Drive Housing Attaching.....                                             | 1874734  | 1108526-9                                     |
| 42                  | Screw—Drive Housing Attaching.....                                             | 1915145  | 1108527-8; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7     |
| 43                  | Screw—Pole Shoe.....                                                           | 1913100  | All                                           |
| 44                  | Screw—Switch Attaching.....                                                    | 1917084  | 1108527-8-9; 32-3-4-7-9; 42-3-5-6-7           |
| 44                  | Screw—Switch Attaching.....                                                    | 135616   | 1108531                                       |
| <b>WASHERS</b>      |                                                                                |          |                                               |
| 45                  | Washer—Adjusting Screw.....                                                    | 1917144  | 1108527-8; 32-4-7                             |
| 45                  | Washer—Adjusting Screw.....                                                    | 810085   | 1108529                                       |
| 46                  | Washer—Brake—D.E. (Leather).....                                               | 819468   | 1108527-8-9; 31-2-4-7-9; 42-3-5-6-7           |
| 47                  | Washer—Space—Between Gear & Housing.....                                       | *809945  | All                                           |
| 48                  | Washer—Oil Thrower—Between Gear & Cover Plate.....                             | 1915148  | 1108526-7-8-9; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7 |
| 49                  | Washer—Space—Between Gear & Cover Plate.....                                   | 1849774  | 1108526; 30-3-5-6                             |
| 49                  | Washer—Space—Between Gear & Cover Plate.....                                   | 819149   | 1108527-8-9; 31-2-4-9; 42-3-5-6-7             |
| 50                  | Washer—Felt—Between Gear & Cover Plate.....                                    | 813134   | 1108526-7-8-9; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7 |
| 51                  | Washer—Space—C.E.....                                                          | 1914842  | 1108526-7-8-9; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7 |
| 52                  | Washer—Space—D.E.....                                                          | 1838568  | 1108545-6-7                                   |
| 52                  | Washer—Space—D.E.....                                                          | 805676   | 1108526                                       |
| 52                  | Washer—Space—D.E.....                                                          | 1838568  | 1108527-8-9; 31-2-4-7-9; 42-3                 |
| 52                  | Washer—Space—D.E. ( $\frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$ )..... | 1914842  | 1108535-6                                     |
| 53                  | Washer—Space—D.E. ( $\frac{3}{4} \times \frac{1}{4} \times \frac{3}{4}$ )..... | 1849774  | 1108530-3-5-6                                 |
| 54                  | Washer—Insul. Terminal Stud ( $\frac{3}{4}$ O.D.).....                         | 1913959  | All                                           |
| 55                  | Washer—Insul. Terminal Stud ( $\frac{1}{2}$ O.D.).....                         | 1904669  | All                                           |
| 56                  | Washer—(Klingtite)—Terminal Stud.....                                          | 1837885  | 1108531                                       |
| 57                  | Washer—Plain—Terminal Stud.....                                                | 812622   | 1108531-3; 42-3-5-6-7                         |
| 57                  | Washer—Plain—Terminal Stud.....                                                | 805790   | 1108526-7-8-9; 30-2-4-5-6-7-9                 |
| 57                  | Washer—Plain—Switch Terminal.....                                              | 805790   | 1108531                                       |
| .....               | Washer—Plain—Shift Lever Shaft.....                                            | 1904492  | 1108543-6                                     |

\*Use when necessary to reduce end play.

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

## MINOR PARTS SECTION

| Illus. No. | Name                                       | Part No. | Used on Models                                |
|------------|--------------------------------------------|----------|-----------------------------------------------|
|            | <b>MISCELLANEOUS</b>                       |          |                                               |
| 58         | BOLT—Thru.....                             | 1932271  | All                                           |
| 59         | BOOT—Plunger.....                          | 1912448  | 1108539; 42-3-5-6-7                           |
|            | BUSHING—C.E.....                           | 1872678  | 1108527; 31-2-3-4-5-9; 43-5-6-7               |
| 60         | BUSHING—Gear Housing—Armature Shaft.....   | 1930891  | 1108531-2-3-4-5-7; 42-3-5-6-7                 |
| 61         | BUSHING—Gear Housing—Drive Shaft.....      | 1874119  | 1108531-2-3-4-5-7; 42-3-5-6-7                 |
| 62         | BUSHING—Drive Housing.....                 | 810217   | 1108526                                       |
| 62         | BUSHING—Drive Housing.....                 | 1839345  | 1108529                                       |
| 62         | BUSHING—Drive Housing.....                 | 1959998  | 1108527-8; 31-2-4-7-9; 42-3-5-6-7             |
| 62         | BUSHING—Drive Housing.....                 | 826462   | 1108530-3-5-6                                 |
|            | COLLAR—Shift Lever Space.....              | 1863298  | 1108531                                       |
| 63         | CONNECTOR—Switch.....                      | 1853307  | 1108527-8; 32-4-7                             |
| 63         | CONNECTOR—Switch.....                      | 1912390  | 1108539; 43                                   |
| 63         | CONNECTOR—Switch.....                      | 1845937  | 1108529                                       |
| 63         | CONNECTOR—Switch.....                      | 1878056  | 1108533                                       |
| 63         | CONNECTOR—Switch.....                      | 1933100  | 1108542                                       |
| 63         | CONNECTOR—Switch.....                      | 1935426  | 1108545-6-7                                   |
|            | COVER—Switch Connector.....                | 1845938  | 1108529                                       |
|            | COVER—Switch Connector.....                | 1853306  | 1108527-8; 34-7                               |
|            | GASKET—Drive Housing.....                  | 1930894  | 1108543-6                                     |
|            | GASKET—Shift Lever Stud Nut.....           | 1916267  | 1108543-6                                     |
|            | INSULATOR—Field Coil.....                  | 820171   | 1108526-7-8; 32-3                             |
| 64         | INSULATOR—Switch Side.....                 | 816911   | 1108531                                       |
|            | LEAD—Solenoid to C.E. Terminal.....        | 1872810  | 1108528; 37                                   |
|            | OILER—C.E.....                             | 114998   | 1108526-7-8-9; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7 |
| 66         | OILER—D.E.....                             | 114998   | 1108527-8; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7     |
| 67         | OILER—In Gear Housing.....                 | 114998   | 1108526-7-8-9; 30-1-2-3-4-5-6-7-9; 42-5-7     |
|            | Oil SEAL—Gear Housing.....                 | 1930892  | 1108546                                       |
|            | PIN—Brush Holder Hinge.....                | 817313   | 1108526-7-9; 30-1-2-3-4-5-6-9; 42-3-5-6-7     |
|            | PIN—Brush Holder Stop.....                 | 817314   | 1108526-7-9; 30-1-2-3-4-5-6-9; 42-3-5-6-7     |
|            | PIN (& Insulation)—Brush Holder Hinge..... | 812016   | 1108526-7-9; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7   |
|            | PIN (& Insulation)—Brush Holder Stop.....  | 812015   | 1108526-7-9; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7   |
|            | PIN—Dowel—C.E.....                         | 809062   | All                                           |
| 68         | PIN—Dowel—D.E.....                         | 809593   | All                                           |
| 69         | PIN—Cotter—Shift Lever Pin.....            | 112726   | 1108527-8-9; 32-4-7-9; 42-3-5-6-7             |
| 71         | PIN—Shift Lever.....                       | 1853305  | 1108527-8; 32-4-7-9; 42-3-5-6-7               |
| 71         | PIN—Shift Lever.....                       | 1845939  | 1108529                                       |
|            | Pinion STOP.....                           | 1928021  | 1108545-6-7                                   |
|            | PLUG—Expansion—C.E.....                    | 1865182  | 1108526-8-9; 36-7; 42-3                       |
|            | PLUG—Expansion—C.E.....                    | 810819   | 1108527; 30-1-2-3-4-5-9; 45-6-7               |
| 73         | PLUG—Expansion—In Gear Housing.....        | 810819   | 1108526-7-8-9; 30-6                           |
| 73         | PLUG—Expansion—In Gear Housing.....        | 103893   | 1108531-2-3-4-5-7-9; 42-3-5-6-7               |
|            | PLUG—Expansion—In Lever Housing.....       | 172526   | 1108543-6                                     |
| 74         | PLUG—Pipe—In Gear Housing.....             | 103877   | 1108526-7-8-9; 30-1-2-3-4-5-6-7-9; 42-5-6-7   |
| 74         | PLUG—Pipe—In Gear Housing.....             | 453465   | 1108543-6                                     |
|            | RING—Packing—On Lever Shaft.....           | 1911165  | 1108543-6                                     |
|            | RING—Pinion Stop Retaining.....            | 1928022  | 1108545-6-7                                   |
| 75         | SHOE—Pole.....                             | 810601   | All                                           |
|            | STUD (& Lead)—Terminal—C.E.....            | 1850119  | 1108528; 37                                   |
| 76         | SUPPORT—Shift Lever Spring.....            | 1835998  | 1108527-8-9; 31-2-4-7-9; 42-5-7               |
| 76         | SUPPORT—Shift Lever Spring.....            | 1910852  | 1108543-6                                     |
|            | WICK—Oil—C.E.....                          | 1919851  | All                                           |
| 77         | WICK—Oil—D.E.....                          | 1919851  | All                                           |
| 78         | WICK—Oil—In Gear Housing.....              | 1874237  | 1108527                                       |
| 78         | WICK—Oil—In Gear Housing.....              | 1919851  | 1108526-8-9; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7   |
| 79         | Woodruff KEY.....                          | 124546   | 1108526-7-8-9; 30-1-2-3-4-5-6-7-9; 42-3-5-6-7 |



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

| Model No. | Field Coil R.H. or Upper 2 Coils | Field Coil L.H. or Lower 2 Coils | Field Terminal Stud | Pole Shoe | Armature | Commutator End Frame | Gear Housing | Center Bearing or Cover Plate | Motor Drive Housing or Drive End Frame | Sub Shaft | Reduction Gear | Motor Drive | Switch   | Thru Bolt |
|-----------|----------------------------------|----------------------------------|---------------------|-----------|----------|----------------------|--------------|-------------------------------|----------------------------------------|-----------|----------------|-------------|----------|-----------|
|           | 1                                | 2                                | 3                   | 4         | 5        | 6                    | 7            | 8                             | 9                                      | 10        | 11             | 12          | 13       | 14        |
| 1108551   | 1868274                          | 1868275                          | 1858749             | 816331    | 1868280  | 1868277              |              |                               | 1865145                                |           |                |             |          | 815018    |
| 1108552   | 817056                           | 817055                           | 826938              | 810601    | 1872518  | 1872498              |              |                               |                                        |           |                |             |          |           |
| 1108553   | 1872492                          | 1872495                          | "                   | "         | "        | "                    |              |                               |                                        |           |                |             |          |           |
| 1108554   |                                  |                                  |                     |           |          |                      |              |                               |                                        |           |                |             |          |           |
| 1108555   | 811440                           | 1882400                          | 826938              | 810601    | 1864056  | 1907038              |              |                               | 1864057                                |           |                | *1868719    |          | 1932271   |
| 1108556   | "                                | "                                | "                   | "         | "        | "                    |              |                               | 1869846                                |           |                | *1869847    |          | "         |
| 1108557   | 1881429                          | 1881430                          | "                   | "         | 1881314  | 1881319              |              | 1838667                       | 1881316                                |           |                | 1965899     |          | "         |
| 1108558   | 821522                           | 1848627                          | "                   | "         | 1882296  | 1868791              |              |                               | 1868793                                |           |                |             |          | "         |
| 1108559   | 1886615                          | 1886618                          | "                   | "         | 1917857  | 815839               |              | 820149                        | 1886639                                |           |                | *1886603    | 1857519  | "         |
| 1108560   | 821522                           | 821523                           | "                   | "         | 1884314  | 1881625              |              |                               | 1884318                                |           |                |             | *1571    | "         |
| 1108561   | 1884659                          | 1884656                          | "                   | "         | 1882296  | 1884663              |              |                               | 1884665                                |           |                |             |          |           |
| 1108562   | †1838324                         | "                                | "                   | "         | 1884314  | 1864530              |              |                               | 1885863                                |           |                |             | 1457     | 1932271   |
| 1108563   | 1889333                          | "                                | "                   | "         | 1889337  | "                    |              | 820149                        | 1889338                                |           |                | *1901647    | 1118113  | "         |
| 1108564   |                                  |                                  |                     |           |          |                      |              |                               |                                        |           |                |             |          |           |
| 1108565   | 1902354                          | 1902355                          | 826938              | 810601    | 1904852  | 1884663              |              |                               | 1884665                                |           |                |             |          |           |
| 1108566   | 1904161                          | 1904162                          | "                   | "         | 1904135  | 1904167              |              | 1838667                       | 1904107                                |           |                | 1904245     |          | 1932271   |
| 1108567   | †1904010                         | "                                | "                   | 1904418   | 1904066  | 1904015              | 1904020      |                               | 1904023                                | 1904021   | 1904030        | 1904670     |          | 1904019   |
| 1108568   | *1889333                         | *1905870                         | "                   | "         | 1904536  | 1904140              |              | 1904444                       | 1904137                                |           |                | 1904438     | 1118120  | 1932271   |
| 1108569   | 1902354                          | 1902355                          | "                   | 810601    | 1904852  | 1884663              |              |                               | 1884665                                |           |                |             |          |           |
| 1108572   | †1911856                         | "                                | "                   | "         | 1911861  | 1911867              |              |                               |                                        |           |                |             | 1465     | 1960365   |
| 1108574   | §                                | "                                | "                   | "         | 1914522  | 1908580              |              | 820149                        | 1914523                                |           |                | *1921766    | *1118808 | 1932271   |
| 1108579   | 817056                           | 817055                           | "                   | "         | 1872518  | 1920028              |              |                               |                                        |           |                |             |          |           |
| 1108580   | 1872492                          | 1872495                          | "                   | "         | "        | "                    |              |                               |                                        |           |                |             |          |           |
| 1108585   | §                                | "                                | "                   | "         | 1914522  | 1908580              |              | 820149                        | 1914523                                |           |                | *1921766    | *1118808 | 1932271   |
| 1108588   | †1923124                         | "                                | "                   | "         | 1911861  | 1923123              |              |                               |                                        |           |                | 1465        | 1960365  |           |
| 1108592   | "                                | "                                | "                   | "         | 1925512  | "                    |              |                               |                                        |           |                |             | 1467     | "         |

†Four Fields.

‡Coil Assembly—R.H. &amp; L.H.

\*For parts see Motor Drive—Group 4.

°For parts see Motor Drive—Group 5.

\*For parts see Motor Drive—Group 6.

°For parts see Magnetic Switch—Group 4.

°For parts see Switch—Group 103-A.

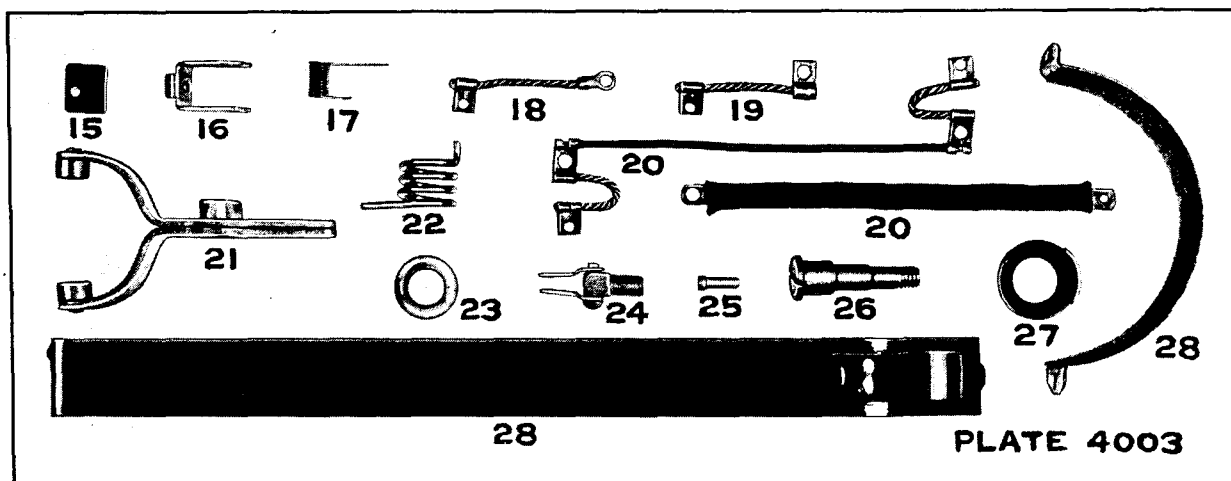
\*1889333 is a pair of coils—1889336 is one coil lower l.h., 1889332 is shunt coil lower r.h.

°1889333 is a pair of coils—left hand; 1905870 is one coil—upper r.h., 1905872 is shunt coil—lower r.h.

§1914509 is upper half (2 coils); 1914512 is lower l.h., 1914513 is lower r.h. (shunt).

°Service parts available only thru The Moto-Truc Co., Cleveland, Ohio.

^For parts see Switch group 103-B.



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

[illegible]

†809644 Brush Spring—L.H.

\*1886623 is Upper Lever—1886629 is Lower Lever.

\*1904149 is Lower Lever—1904156 is Upper Lever.

▲810226 Standard Holder (3 required). Also used 1—1904201 Holder (with Lead Bracket).

■ Service parts available only thru The Moto-Truc Co., Cleveland, Ohio.

Revised to July 1, 1969

## 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.

| Name                                                                                   | Part No. | Used on Models                                                |
|----------------------------------------------------------------------------------------|----------|---------------------------------------------------------------|
| <b>LOCK WASHERS</b>                                                                    |          |                                                               |
| Lock Washer—Ball Bearing Retainer Plate Screw—D.E.                                     | 1962276  | 1108551-8; 61-5-9                                             |
| Lock Washer—Brush Attaching Screw                                                      | 456413   | 1108551-2-3-5-6-7-8-9; 60-1-2-3-5-6-7-8-9; 72-4-9; 80-5-8; 92 |
| Lock Washer—Brush to Field Lead Screw                                                  | 1914816  | 1108551                                                       |
| Lock Washer—Brush to Field Lead Screw                                                  | 453435   | 1108552-3-5-6-7-8-9; 60-2-3-7-8; 72-4-9; 80-5-8; 92           |
| Lock Washer—Brush Ground Lead Screw                                                    | 453844   | 1108552-3-5-6-7-8-9; 60-1-2-3-5-6-7-8-9; 72-4-9; 80-5-8; 92   |
| Lock Washer—Center Bearing Screw                                                       | 1962276  | 1108557-9; 63-6-8; 74; 85                                     |
| Lock Washer—Commutator End Frame Screw                                                 | 453435   | 1108552                                                       |
| Lock Washer—Commutator End Frame Screw                                                 | 138479   | 1108553; 61-5-9; 79; 80                                       |
| Lock Washer—D.E. Frame Attaching Screw                                                 | 453435   | 1108561-5-9                                                   |
| Lock Washer—Drive Housing Attaching Screw                                              | 1902782  | 1108567                                                       |
| Lock Washer—End Cover Plate Screw—C.E.                                                 | 453435   | 1108552-8; 61-5-9; 79; 80                                     |
| Lock Washer—End Cover Plate Screw—C.E.                                                 | 453844   | 1108551                                                       |
| Lock Washer—Field Lead Screw                                                           | 456413   | 1108566                                                       |
| Lock Washer—Field Terminal Stud                                                        | 1914579  | 1108551                                                       |
| Lock Washer—Field Terminal Stud                                                        | 9421425  | 1108552-3-5-6-7-8-9; 60-1-2-3-5-6-9; 72-9; 80-8; 92           |
| Lock Washer—Field Terminal Stud                                                        | 9421425  | 1108574; 85                                                   |
| Lock Washer—Ground Terminal Stud                                                       | 9421424  | 1108572                                                       |
| Lock Washer—Shaft Nut—D.E.                                                             | 138498   | 1108551                                                       |
| Lock Washer—Shift Lever Cover Screw                                                    | 453435   | 1108559                                                       |
| Lock Washer—Shift Lever Spring Support Nut                                             | 9421423  | 1108568                                                       |
| Lock Washer—Shift Lever Stud                                                           | 9421425  | 1108559; 63; 74; 85                                           |
| Lock Washer—Shunt Field Ground Screw                                                   | 453435   | 1108568; 74; 85                                               |
| Lock Washer—Switch Mounting Screw                                                      | 453435   | 1108559                                                       |
| Lock Washer—Switch Mounting Screw                                                      | 9421423  | 1108560-2-3-8; 72; 88; 92                                     |
| Lock Washer—Switch Terminal Nut                                                        | 9421425  | 1108559                                                       |
| Lock Washer—Terminal Stud                                                              | 9421425  | 1108567-8                                                     |
| Lock Washer—Terminal Stud—C.E.                                                         | 9421425  | 1108561-5-9                                                   |
| Lock Washer—Terminal Stud (Shakeproof)                                                 | 138489   | 1108566                                                       |
| Lock Washer—Terminal Stud Nut                                                          | 1962276  | 1108551                                                       |
| Lock Washer—Thru Bolt                                                                  | 9421424  | 1108551                                                       |
| Lock Washer—Thru Bolt                                                                  | 9421423  | 1108556-7-8-9; 60-2-3-6; 72-4; 85-8; 92                       |
| Lock Washer—Thru Bolt                                                                  | 1902782  | 1108567-8                                                     |
| <b>NUTS</b>                                                                            |          |                                                               |
| Nut—Cover Band Screw                                                                   | 453433   | 1108559; 66                                                   |
| Nut—Cover Band Screw                                                                   | 453284   | 1108568                                                       |
| Nut—Drive Housing Attaching Screw                                                      | 134551   | 1108567                                                       |
| Nut—Field Terminal Stud                                                                | 121743   | 1108551                                                       |
| Nut—Field Terminal Stud                                                                | 805258   | 1108552-3-5-6-7-8-9; 60-1-2-3-5-6-9; 72-9; 80-8; 92           |
| Nut—Ground Terminal Stud ( $\frac{1}{8}$ -18 $\times\frac{1}{2}$ $\times\frac{1}{8}$ ) | 124824   | 1108572                                                       |
| Nut—Ground Terminal Stud ( $\frac{1}{8}$ -18 $\times\frac{1}{8}$ $\times\frac{1}{2}$ ) | 134556   | 1108572                                                       |
| Nut—Shaft—D.E.                                                                         | 1865146  | 1108551                                                       |
| Nut—Shift Lever Shaft Bearing (1-20 thd. $\times$ 1 $\frac{1}{8}$ hex.)                | 1904159  | 1108568                                                       |
| Nut—Shift Lever Spring Support Attaching                                               | 134551   | 1108568                                                       |
| Nut—Shift Lever Stud                                                                   | 134566   | 1108559                                                       |
| Nut—Shift Lever Stud                                                                   | 805258   | 1108563; 74; 85                                               |
| Nut—Switch Terminal                                                                    | 134566   | 1108559                                                       |
| Nut—Terminal Stud                                                                      | 453433   | 1108551                                                       |
| Nut—Terminal Stud                                                                      | 1904419  | 1108567-8                                                     |
| Nut—Terminal Stud                                                                      | 805258   | 1108561-5-9; 74; 85                                           |
| <b>SCREWS</b>                                                                          |          |                                                               |
| Screw—Ball Bearing Retainer Plate—D.E.                                                 | 132900   | 1108551-4-8; 61-5-9                                           |
| Screw—Brush Attaching                                                                  | 132900   | 1108551-2-3-5-6-7-8-9; 60-1-2-3-5-6-9; 72-4-9; 80-5-8; 92     |
| Screw—Brush Attaching                                                                  | 454154   | 1108567-8                                                     |
| Screw—Brush to Field Lead                                                              | 453978   | 1108551                                                       |
| Screw—Brush to Field Lead                                                              | 453463   | 1108552-3-5-6-7-8-9; 60-2-7; 72-9; 80-8; 92                   |
| Screw—Brush to Field Lead                                                              | 453319   | 1108563; 74; 85                                               |
| Screw—Brush to Field Lead                                                              | 132900   | 1108568                                                       |
| Screw—Brush Ground Lead                                                                | 453647   | 1108552-3-5-6-7-8-9; 60-1-2-3-5-6-9; 72-4-9; 80-5-8; 92       |

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

## MINOR PARTS SECTION

| Name                                                            | Part No. | Used on Models                                                 |
|-----------------------------------------------------------------|----------|----------------------------------------------------------------|
| <b>CREWS—Continued</b>                                          |          |                                                                |
| Screw—Brush Ground Lead.....                                    | 453418   | 1108567-8                                                      |
| Screw—Center Bearing Attaching.....                             | 453319   | 1108557; 63-6; 74; 85                                          |
| Screw—Center Bearing Attaching.....                             | 1914580  | 1108559                                                        |
| Screw—Center Bearing Attaching.....                             | 132900   | 1108568                                                        |
| Screw—Commutator End Frame Attaching.....                       | 37872    | 1108552-3; 61-5-9; 79; 80                                      |
| Screw—Cover Band.....                                           | 453479   | 1108551-9; 66                                                  |
| Screw—Cover Band.....                                           | 132926   | 1108568                                                        |
| Screw—D.E. Frame Attaching.....                                 | 454308   | 1108561-5-9                                                    |
| Screw—Drive Housing Attaching.....                              | 1915145  | 1108567                                                        |
| Screw—End Cover Plate—C.E.....                                  | 453418   | 1108551                                                        |
| Screw—End Cover Plate—C.E.....                                  | 453319   | 1108552-3-8; 61-5-9; 79; 80                                    |
| Screw—Field Lead to Brush Holder.....                           | 454329   | 1108566                                                        |
| Screw—Pole Shoe.....                                            | 1913100  | All except 1108567-8                                           |
| Screw—Pole Shoe.....                                            | 1905875  | 1108567-8                                                      |
| Screw—Shift Lever Cover Attaching.....                          | 453319   | 1108559                                                        |
| Screw—Shunt Field Ground.....                                   | 132900   | 1108568                                                        |
| Screw—Shunt Field Ground.....                                   | 453319   | 1108574; 85                                                    |
| Screw—Switch Mounting.....                                      | 453319   | 1108559                                                        |
| Screw—Switch Mounting.....                                      | 1917084  | 1108560-2-3; 72-4; 85-8; 92                                    |
| Screw—Switch Mounting.....                                      | 1904456  | 1108568                                                        |
| <b>WASHERS</b>                                                  |          |                                                                |
| Washer—Brake—D.E. (Fibre).....                                  | 821453   | 1108559; 63-8                                                  |
| Washer—Brake—D.E.....                                           | 822190   | 1108574; 85                                                    |
| Washer—Brush Attaching Screw.....                               | 809551   | 1108551                                                        |
| Washer—Detent Spring Retainer.....                              | 1904683  | 1108567                                                        |
| Washer—Felt—C.E.....                                            | 1913624  | 1108572                                                        |
| Washer—Felt—D.E.....                                            | 809961   | 1108551-8; 61-5-9                                              |
| Washer—Felt—On Detent Pin.....                                  | 1904680  | 1108567                                                        |
| Washer—Plain—On Detent Pin.....                                 | 1904681  | 1108567                                                        |
| Washer—Plain—Shift Lever Spring Support Nut.....                | 1914691  | 1108567                                                        |
| Washer—Shim—Lever Shaft Nut.....                                | 1904932  | 1108568                                                        |
| Washer—Space—Adjusting Screw.....                               | 1917114  | 1108563; 68                                                    |
| Washer—Space—C.E. (.563x $\frac{1}{4}$ x $\frac{1}{4}$ ).....   | 1914842  | 1108555-6-7-9; 60-2-3-6; 74; 85-8; 92                          |
| Washer—Space—C.E.....                                           | 1904447  | 1108567-8                                                      |
| Washer—Space—D.E. (.563x $\frac{1}{4}$ x $\frac{1}{4}$ ).....   | 1914842  | 1108551; 66                                                    |
| Washer—Space—Inside—D.E.....                                    | 809945   | 1108561-5-9                                                    |
| Washer—Terminal Insulation Bushing—C.E.....                     | 825190   | 1108551                                                        |
| Washer—Terminal Insulation—Outside—C.E.....                     | 802861   | 1108551                                                        |
| Washer—Terminal Plain—Outside—C.E.....                          | 1914842  | 1108551                                                        |
| Washer—Terminal Stud Insulating—C.E. ( $\frac{3}{4}$ O.D.)..... | 1913959  | 1108561-5-9                                                    |
| Washer—Terminal Stud Insulating—C.E. ( $\frac{1}{2}$ O.D.)..... | 1913958  | 1108561-5-9                                                    |
| Washer—Terminal Stud Insulation—Field.....                      | 1858753  | 1108551                                                        |
| Washer—Terminal Stud Insulation—Field—O.D. $\frac{3}{4}$ "..... | 1913959  | 1108552-3-5-6-7-8-9; 60-1-2-3-5-6-7-8-9;<br>72-4-9; 80-5-8; 92 |
| Washer—Terminal Stud Insulation—Field—O.D. $\frac{1}{2}$ "..... | 1913958  | 1108552-3-5-6-7-8-9; 60-1-2-3-5-6-7-8-9;<br>72-4-9; 80-5-8; 92 |
| Washer—Terminal Stud Plain.....                                 | 812622   | 1108567-8; 88; 92                                              |
| Washer—Terminal Stud Plain—C.E.....                             | 805790   | 1108561-5-9                                                    |
| Washer—Terminal Stud Plain—Field.....                           | 826319   | 1108551                                                        |
| Washer—Terminal Stud Plain—Field.....                           | 805790   | 1108552-3-5-6-7-8; 60-1-2-3-5-6-9; 74-9;<br>80-5               |
| Washer—Terminal Stud Plain—Field.....                           | 812622   | 1108572                                                        |
| Washer—Terminal Stud Plain—Inside—C.E.....                      | 807699   | 1108551                                                        |
| Washer—Thrust—C.E.....                                          | 1911864  | 1108572                                                        |
| Washer—Thrust—On Drive Shaft.....                               | 1904025  | 1108567                                                        |
| <b>MISCELLANEOUS</b>                                            |          |                                                                |
| Ball BEARING—C.E.....                                           | 954519   | 1108552-3-8; 61; 79; 80                                        |
| Ball BEARING—D.E.....                                           | 954378   | 1108551-8; 61-5-9                                              |
| BOOT (Plunger).....                                             | 1916572  | 1108574; 85                                                    |
| Brush Holder Hinge PIN.....                                     | 817313   | 1108552-3-5-6-7-8-9; 60-1-2-3-5-6-9;<br>72-4-9; 80-5-8; 92     |
| Brush Holder Hinge PIN.....                                     | 1904430  | 1108567-8                                                      |
| Brush Holder Hinge PIN and INSULATION.....                      | 812016   | 1108551-2-3-5-6-7-8-9; 60-1-2-3-5-6-9;<br>72-4-9; 80-5-8; 92   |
| Brush Holder Hinge PIN and INSULATION.....                      | 1904426  | 1108567-8                                                      |
| Brush Holder Stop PIN.....                                      | 817314   | 1108552-3-5-6-7-8-9; 60-1-2-3-5-6-9; 72-<br>4-9; 80-5-8; 92    |
| Brush Holder Stop PIN.....                                      | 1904431  | 1108567-8                                                      |

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

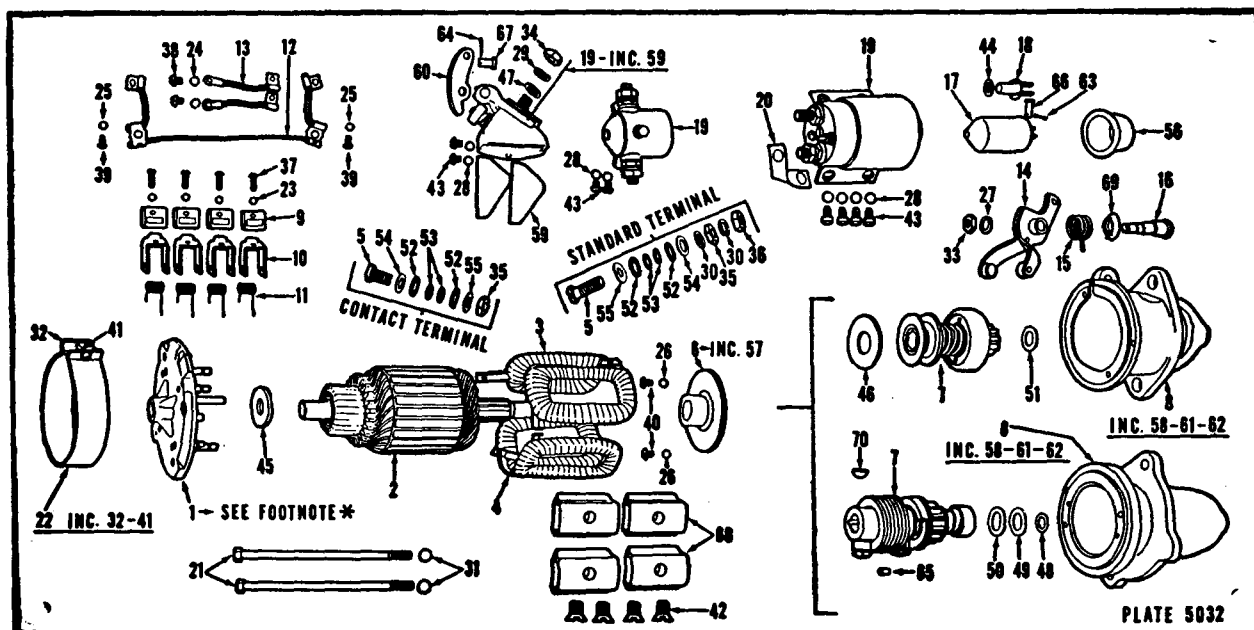
# MINOR PARTS SECTION

| Name                                                 | Part No. | Used on Models                                               |
|------------------------------------------------------|----------|--------------------------------------------------------------|
| <b>MISCELLANEOUS—Continued</b>                       |          |                                                              |
| Brush Holder Stop PIN and INSULATION.....            | 812015   | 1108551-2-3-5-6-7-8-9; 60-1-2-3-5-6-9;<br>72-4-9; 80-5-8; 92 |
| Brush Holder Stop PIN and INSULATION.....            | 1904428  | 1108567-8                                                    |
| BUSHING—C.E.....                                     | 812823   | 1108551                                                      |
| BUSHING—C.E.....                                     | 1872678  | 1108557; 60-2-3-6-7-8                                        |
| BUSHING—Center Bearing.....                          | 1838670  | 1108557; 66                                                  |
| BUSHING—Center Bearing.....                          | 820148   | 1108559; 63-8; 74; 85                                        |
| BUSHING—D.E.....                                     | 1884319  | 1108560-2                                                    |
| BUSHING—D.E.....                                     | 810620   | 1108574; 85                                                  |
| BUSHING—Drive Housing.....                           | 826462   | 1108559                                                      |
| BUSHING—In Gear Housing—For Armature Shaft.....      | 1930891  | 1108567                                                      |
| BUSHING—In Gear Housing—For Drive Shaft.....         | 1874119  | 1108567                                                      |
| BUSHING—Motor Drive Housing.....                     | 1872678  | 1108557; 63-6-8                                              |
| COLLAR—Oil Throwing—D.E.....                         | 1871584  | 1108551                                                      |
| COLLAR—Shift Lever Space (1½" long).....             | 1886625  | 1108559                                                      |
| COLLAR—Shift Lever Space (.605" long).....           | 1886624  | 1108559                                                      |
| COLLAR—Space—Outside—D.E.....                        | 810653   | 1108558; 61-5-9                                              |
| Connector CLIP—Field Coil.....                       | 1847430  | 1108555-6                                                    |
| Cotter PIN—Shaft Nut—C.E.....                        | 103372   | 1108555                                                      |
| Cotter PIN—Shaft Nut—D.E.....                        | 108629   | 1108556                                                      |
| Cotter PIN—Shift Lever.....                          | 112726   | 1108563-6; 74; 85                                            |
| Detent PIN.....                                      | 1904679  | 1108567                                                      |
| Dowel PIN—C.E.....                                   | 809062   | 1108551-2-3-5-6-7-8-9; 60-2-3-6-7-8;<br>72-4; 85-8; 92       |
| Dowel PIN—D.E.....                                   | 809593   | 1108551-5-6-7-8-9; 60-2-3-6-7-8; 72-4;<br>85-8; 92           |
| Felt DISC—In C.E. Frame.....                         | 1913624  | 1108572                                                      |
| GASKET—Ball Bearing Retainer Plate—D.E.....          | 1855701  | 1108558; 61-5-9                                              |
| GASKET—End Cover—C.E.....                            | 817220   | 1108551                                                      |
| GASKET—End Cover Plate—C.E.....                      | 1844012  | 1108552-3-8; 61-5-9; 79; 80                                  |
| GASKET—Shift Lever Cover.....                        | 1886632  | 1108559                                                      |
| GASKET—Shift Lever Shaft Nut.....                    | 1916267  | 1108568                                                      |
| INSULATION—Switch Side.....                          | 1857269  | 1108559                                                      |
| INSULATION—Terminal Contact.....                     | 1857270  | 1108559                                                      |
| LEAD—Field Coil Jumper.....                          | 1886621  | 1108559                                                      |
| OILER—C.E.....                                       | 1880635  | 1108551                                                      |
| OILER—C.E.....                                       | 1880642  | 1108552-3-5-7-8-9; 60-1-2-3-5-6-7-9; 79;<br>80               |
| OILER—D.E.....                                       | 1880635  | 1108551; 61-5-9                                              |
| OILER—D.E.....                                       | 1880642  | 1108552-3-5-6-8-9; 60-2                                      |
| OILER—D.E.....                                       | 1868788  | 1108557; 63-6-8                                              |
| Oil Hole PLUG—C.E.....                               | 816315   | 1108551                                                      |
| Oil WICK—C.E.....                                    | 804076   | 1108551                                                      |
| Oil WICK—C.E.....                                    | 1919851  | 1108552-3-5-6-7-8-9; 60-1-2-3-5-6-7-8;<br>79-80              |
| Oil WICK—D.E.....                                    | 1919851  | 1108556; 60-2; 1108555-6-7-9; 60-2-3-6-8                     |
| Oil WICK—D.E.....                                    | 1919851  | 1108558; 61-5-9                                              |
| Oil WICK—In Gear Housing.....                        | 1936465  | 1108567                                                      |
| Oil BAFFLE—D.E.....                                  | 1848704  | 1108551                                                      |
| Oil BAFFLE—D.E.....                                  | 1904026  | 1108567                                                      |
| PLATE—Ball Bearing Retainer—D.E.....                 | 1880854  | 1108555                                                      |
| PLATE—Ball Bearing Retainer—D.E.....                 | 1855702  | 1108551                                                      |
| PLATE—Ball Bearing Retainer—D.E.....                 | 1855702  | 1108558; 61-5-9                                              |
| PLATE—Commutator End Cover.....                      | 815868   | 1108552-3-8; 61-9; 79; 80                                    |
| PLATE—Commutator End Cover.....                      | 820524   | 1108551                                                      |
| PLATE—Felt Washer Retainer—D.E.....                  | 819104   | 1108551-8; 61-5-9                                            |
| PLATE—Terminal Contact.....                          | 1857271  | 1108559                                                      |
| PLUG—Commutator End.....                             | 1865182  | 1108555-6-9                                                  |
| PLUG—Commutator End.....                             | 810819   | 1108557; 60-2-3-6-7-8                                        |
| PLUG—Expansion—In Gear Housing.....                  | 1905876  | 1108567                                                      |
| PLUG—Pipe—C.E.....                                   | 103877   | 1108568                                                      |
| PLUG—Pipe—In Gear Housing.....                       | 1905874  | 1108567                                                      |
| PLUNGER (& Link).....                                | 1916570  | 1108574; 85                                                  |
| SHAFT—Shift Lever.....                               | 1904157  | 1108568                                                      |
| SNAP RING—Detent Pin Spring Washer Retainer.....     | 1904684  | 1108567                                                      |
| SNAP RING—Reduction Gear Stop.....                   | 1907106  | 1108567                                                      |
| SNAP RING—Thrust Washer Retainer—On Drive Shaft..... | 1904024  | 1108567                                                      |
| SPRING—Detent Pin.....                               | 1904682  | 1108567                                                      |
| Switch Connector STRAP.....                          | 1884320  | 1108560-2                                                    |
| Switch Connector STRAP.....                          | 1933100  | 1108563                                                      |
| Switch Connector STRAP.....                          | 1845937  | 1108568                                                      |

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

## MINOR PARTS SECTION

| Name                                     | Part No. | Used on Models  |
|------------------------------------------|----------|-----------------|
| <b>MISCELLANEOUS—Continued</b>           |          |                 |
| Switch Connector STRAP.....              | 1917951  | 1108572; 88; 92 |
| Switch Connector STRAP.....              | 1912390  | 1108574; 85     |
| Terminal CLIP—To Brush.....              | 200181   | 1108551         |
| Terminal Stud INSULATION STRIP.....      | 806818   | 1108551         |
| Terminal STUD and LEAD Assembly—C.E..... | 1838915  | 1108561         |
| Terminal STUD—C.E.....                   | 826938   | 1108565-9       |
| Terminal STUD Only—C.E.....              | 1858373  | 1108561         |
| Terminal STUD—Ground Terminal.....       | 1911860  | 1108572         |
| Woodruff KEY—For Drive Assembly.....     | 124546   | 1108566-7       |
| Woodruff KEY—For Gear.....               | 124546   | 1108557; 67     |



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

| Model No.    | * Frame<br>C.E. | Armature | Field<br>Coil<br>Upper | Field<br>Coil<br>Lower | Stud<br>Terminal | Plate<br>Center<br>Bearing | Drive<br>Assembly | Housing<br>Drive | Brush   | Holder | Spring |
|--------------|-----------------|----------|------------------------|------------------------|------------------|----------------------------|-------------------|------------------|---------|--------|--------|
|              | 1               | 2        | 3                      | 4                      | 5                | 6                          | 7                 | 8                | 9       | 10     | 11     |
| 1108602..... | 1864530         | 1907785  | 1907562                | 1907563                | 826938           | 1838667                    | *1907788          | 1907787          | 1886643 | 810226 | 813521 |
| 1108603..... | "               | "        | "                      | "                      | "                | "                          | *1910109          | 1910108          | "       | "      | "      |
| 1108604..... | "               | "        | "                      | "                      | "                | "                          | "                 | 1912364          | "       | "      | "      |
| 1108605..... | "               | 1885520  | "                      | "                      | "                | "                          | *1857818          | 1885519          | "       | "      | "      |
| 1108606..... | "               | 1907785  | "                      | "                      | "                | "                          | *1912293          | 1912292          | "       | "      | "      |
| 1108607..... | "               | "        | "                      | "                      | "                | "                          | 1958671           | 1912361          | "       | "      | "      |
| 1108608..... | "               | "        | "                      | "                      | "                | "                          | *1912293          | 1912364          | "       | "      | "      |
| 1108609..... | "               | "        | "                      | "                      | "                | "                          | "                 | 1912363          | "       | "      | "      |
| 1108610..... | "               | 1887022  | "                      | "                      | "                | 820149                     | *1874133          | 1912899          | "       | "      | "      |
| 1108612..... | "               | "        | 1917587                | 1917590                | "                | "                          | "                 | 1917592          | "       | "      | "      |
| 1108614..... | 1864530         | 1907785  | 1927145                | 1927144                | "                | 1838667                    | *1927150          | 1931830          | "       | "      | "      |
| 1108615..... | "               | "        | 1907562                | 1907563                | "                | "                          | *1912293          | 1912361          | "       | "      | "      |
| 1108616..... | "               | "        | "                      | "                      | "                | 1880469                    | "                 | 1931830          | "       | "      | "      |
| 1108617..... | "               | "        | 1927145                | 1927144                | "                | "                          | *1927150          | "                | "       | "      | "      |
| 1108618..... | "               | "        | 1907562                | 1907563                | "                | "                          | 1930490           | 1930087          | "       | "      | "      |
| 1108619..... | "               | "        | 1927145                | 1927144                | "                | 1838667                    | *1927150          | 1912361          | "       | "      | "      |
| 1108620..... | 1935681         | "        | "                      | "                      | "                | "                          | *1930358          | 1930363          | "       | "      | "      |
| 1108621..... | 1864530         | 1956918  | 1917587                | 1917590                | "                | 820149                     | *1946220          | 1930901          | "       | "      | "      |
| 1108622..... | "               | 1907785  | 1907562                | 1907653                | "                | 1838667                    | 1938954           | 1931043          | "       | "      | "      |
| 1108624..... | "               | 1885520  | "                      | "                      | "                | "                          | *1881148          | 1931361          | "       | "      | "      |
| 1108625..... | 1935681         | 1887022  | 1907562                | 1907563                | "                | 820149                     | *1874133          | 1912899          | "       | "      | "      |
| 1108626..... | 1864530         | 1907785  | 1927145                | 1927144                | "                | 1838667                    | *1927150          | 1931830          | "       | "      | "      |
| 1108628..... | 1935681         | "        | 1907562                | 1907563                | "                | "                          | *1912362          | 1930363          | "       | "      | "      |
| 1108629..... | 1864530         | 1887022  | 1917587                | 1917590                | 1917590          | 820149                     | *1932958          | 1932957          | "       | "      | "      |
| 1108631..... | 1935681         | "        | 1907562                | 1907563                | 1913694          | "                          | *1874133          | 1933268          | "       | "      | "      |
| 1108632..... | 1864530         | 1956918  | 1917587                | 1917590                | 826938           | "                          | *1950058          | 1933473          | "       | "      | "      |
| 1108633..... | "               | 1885520  | 1907562                | 1907563                | "                | 1838667                    | *1881148          | 1934593          | "       | "      | "      |
| 1108634..... | "               | 1956918  | 1917587                | 1917590                | "                | 820149                     | *1950058          | 1935043          | "       | "      | "      |

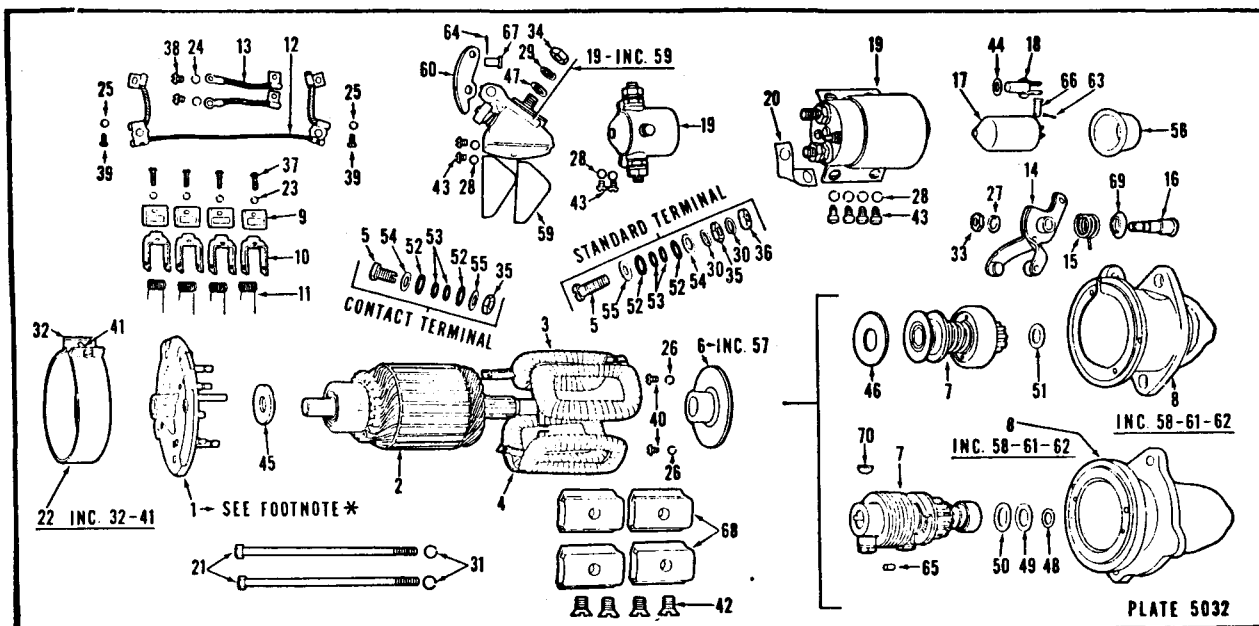
\*C.E. Frame includes (where necessary) brush pins, oiler, wick, dowel pin, expansion plug, and bushing. See Miscellaneous Section for parts.

\*For parts see Motor Drive—Group 1.

\*For parts see Motor Drive—Group 4.

\*For parts see Motor Drive—Group 5.

°Service by complete replacement.



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

| Model No. | Lead — Brush Con-<br>nector | Lead — Brush Ground | Lever — Shift | Spring — Shift Lever | Stud or Screw — Shift Lever | Plunger and Link | Link and Screw | Switch   | Con-<br>nector — Switch | Bolt — Thru | Band — Cover |
|-----------|-----------------------------|---------------------|---------------|----------------------|-----------------------------|------------------|----------------|----------|-------------------------|-------------|--------------|
|           | 12                          | 13                  | 14            | 15                   | 16                          | 17               | 18             | 19       | 20                      | 21          | 22           |
| 1108602   | 819362                      | 813554              |               |                      |                             |                  |                |          |                         | 1887034     | 1886923      |
| 1108603   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | "            |
| 1108604   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | "            |
| 1108605   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | "            |
| 1108606   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | 817114       |
| 1108607   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | 1886923      |
| 1108608   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | "            |
| 1108609   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | "            |
| 1108610   | "                           | "                   | 1930430       |                      | 1874496                     |                  |                | 1857519  |                         | "           | "            |
| 1108612   | "                           | "                   | 1917593       | 1917596              | 123737                      | 1912055          |                | *1114322 | 1917598                 | "           | "            |
| 1108614   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | "            |
| 1108615   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | "            |
| 1108616   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | "            |
| 1108617   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | "            |
| 1108618   | "                           | "                   |               |                      |                             |                  |                | †1467    | 1903905                 | "           | "            |
| 1108619   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | "            |
| 1108620   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | "            |
| 1108621   | "                           | "                   | 1930809       | 1930811              | 123737                      | 1931164          |                | *1118806 | 1917951                 | "           | "            |
| 1108622   | "                           | "                   |               |                      |                             |                  |                | †1467    | 1903905                 | "           | "            |
| 1108624   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | "            |
| 1108625   | "                           | "                   | 1930430       |                      | 1874496                     |                  |                | 1857519  |                         | "           | "            |
| 1108626   | "                           | "                   |               |                      |                             |                  |                | †1467    | 1903905                 | "           | "            |
| 1108628   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | "            |
| 1108629   | "                           | "                   | 1884808       | 1859742              | 1917078                     | 1919250          |                | *1114322 | 1917598                 | "           | "            |
| 1108631   | "                           | "                   | 1867633       | "                    | "                           |                  |                | 820052   |                         | "           | "            |
| 1108632   | "                           | "                   | 1930809       | 1917596              | 123737                      | 1931559          |                | *1119797 | 1917951                 | "           | "            |
| 1108633   | "                           | "                   |               |                      |                             |                  |                |          |                         | "           | "            |
| 1108634   | "                           | "                   | 1930809       | 1917596              | 123737                      | 1931559          |                | *1119797 | 1917951                 | "           | "            |

†For parts see Magentic Switch—Group 4.

\*For parts see Switch—Group 103-A.

\*For parts see Switch—Group 103-B.

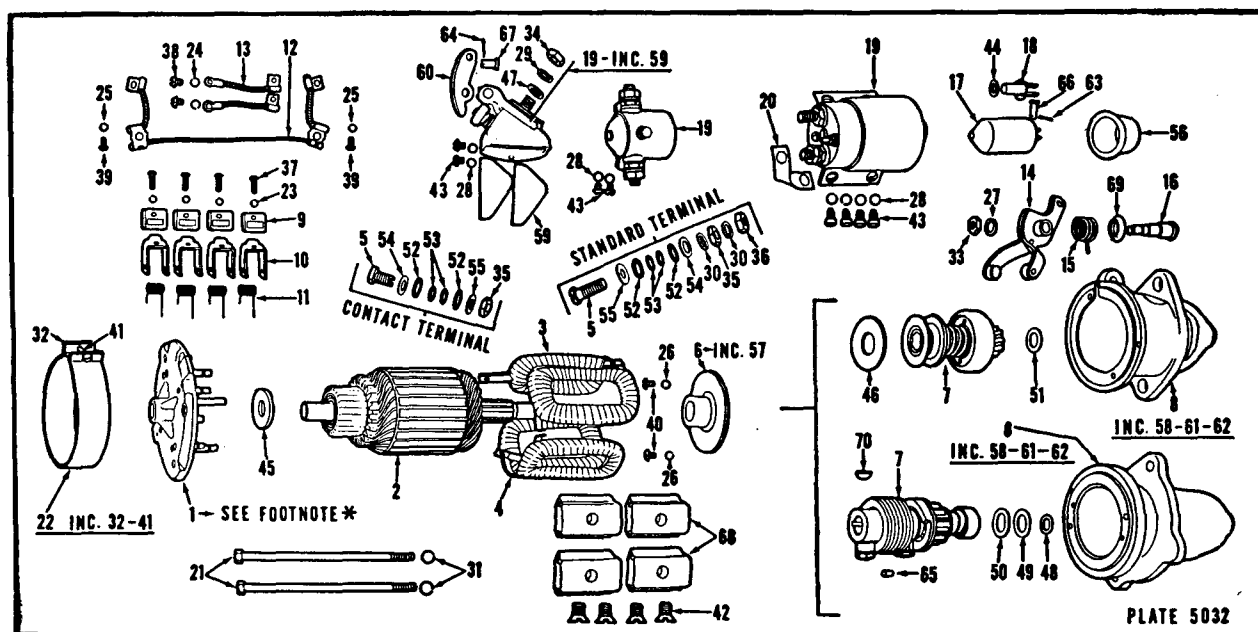
# MINOR PARTS SECTION

| Illus. No.           | Name                                                                           | Part No. | Used on Models                                                            |
|----------------------|--------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------|
| <b>LOCK WASHERS</b>  |                                                                                |          |                                                                           |
| 23                   | Lock Washer—Brush Attaching Screw.....                                         | 456413   | All                                                                       |
| 24                   | Lock Washer—Brush Ground Lead Screw.....                                       | 453844   | All                                                                       |
| 25                   | Lock Washer—Brush Lead Attaching Screw.....                                    | 453435   | All                                                                       |
| 26                   | Lock Washer—Center Bearing Attaching Screw.....                                | 1962276  | 1108602-3-4-5-6-7-8-9-10-12-14-15-16-17-18-19; 20-1-2-4-5-6-8-9; 31-2-3-4 |
| .....                | Lock Washer—Link Attaching Screw.....                                          | 453435   | 1108621                                                                   |
| 27                   | Lock Washer—Shift Lever Stud.....                                              | 138484   | 1108610; 25                                                               |
| 27                   | Lock Washer—Shift Lever Stud.....                                              | 9421423  | 1108612; 21; 32-4                                                         |
| 27                   | Lock Washer—Shift Lever Stud.....                                              | 9421425  | 1108629                                                                   |
| 28                   | Lock Washer—Switch Attaching Screw.....                                        | 453435   | 1108610; 25; 31                                                           |
| 29                   | Lock Washer—Switch Terminal.....                                               | 9421425  | 1108625; 31                                                               |
| 30                   | Lock Washer—Terminal Stud.....                                                 | 9421425  | 1108602-3-4-5-6-7-8-9-10-12-14-15-16-17-18-19; 20-1-2-4-5-6-8-9; 31-2-3-4 |
| 31                   | Lock Washer—Thru Bolt.....                                                     | 9421423  | 1108602-3-4-5-6-7-8-9-10-12-14-15-16-17-18-19; 20-1-2-4-5-8-9; 31-2-3-4   |
| <b>NUTS</b>          |                                                                                |          |                                                                           |
| 32                   | Nut—Cover Band Screw.....                                                      | 453433   | 1108602-3-4-5-7-8-9-10-12-14-15-16-17-18-19; 20-1-2-4-5-6-8-9; 31-2-3-4   |
| 33                   | Nut—Shift Lever Stud.....                                                      | 805258   | 1108629; 31                                                               |
| 34                   | Nut—Switch Terminal.....                                                       | 134566   | 1108625; 31                                                               |
| 35                   | Nut—Terminal Stud.....                                                         | 1835299  | 1108631                                                                   |
| 35-36                | Nut—Terminal Stud.....                                                         | 805258   | 1108602-3-4-5-6-7-8-9-10-12-14-15-16-17-18-19; 20-1-2-4-5-6-8-9; 32-3-4   |
| <b>SCREWS</b>        |                                                                                |          |                                                                           |
| 37                   | Screw—Brush Attaching.....                                                     | 454154   | All                                                                       |
| 38                   | Screw—Brush Ground Lead.....                                                   | 453647   | All                                                                       |
| 39                   | Screw—Brush Lead Attaching—To Field Coil.....                                  | 453463   | All                                                                       |
| 40                   | Screw—Center Bearing Attaching.....                                            | 1914580  | 1108602-3-4-5-6-7-8-9-14-15-16-17-18-19; 20-2-4-5-6-8; 31-2-3-4           |
| 40                   | Screw—Center Bearing Attaching.....                                            | 132900   | 1108610-12; 21-9                                                          |
| 41                   | Screw—Cover Band.....                                                          | 453479   | 1108602-3-4-5-7-8-9-10-12-14-15-16-17-18-19; 20-1-2-4-5-6-8-9; 31-2-3-4   |
| .....                | Screw—Link Attaching.....                                                      | 453339   | 1108621                                                                   |
| 42                   | Screw—Pole Shoe.....                                                           | 1913100  | All                                                                       |
| 43                   | Screw—Switch Attaching.....                                                    | 453319   | 1108610; 25                                                               |
| 43                   | Screw—Switch Attaching.....                                                    | 1917084  | 1108612-18; 21-2-6-9; 32-4                                                |
| 43                   | Screw—Switch Attaching.....                                                    | 453463   | 1108631                                                                   |
| <b>WASHERS</b>       |                                                                                |          |                                                                           |
| 45                   | Washer—Space—C.E. ( $\frac{1}{8} \times \frac{1}{4} \times \frac{1}{4}$ )..... | 1914842  | 1108602-3-4-5-6-7-8-9-10-12-14-15-16-17-18-19; 20-1-2-4-5-6-8-9; 31-2-3-4 |
| 46                   | Washer—Brake—D.E.....                                                          | 821453   | 1108610-12; 21-5-9; 31-2-4                                                |
| 47                   | Washer—Plain—Switch Terminal.....                                              | 805790   | 1108631                                                                   |
| 48                   | Washer—Space—D.E. ( $\frac{1}{8} \times \frac{1}{4} \times \frac{1}{4}$ )..... | 1914842  | 1108603-4-5-6-7-8-9-14-15-16-17-18-19; 20-2-4-6-8                         |
| 51                   | Washer—Space—D.E.....                                                          | 1838568  | 1108621; 32-4                                                             |
| 52                   | Washer—Terminal Stud—Insul. ( $\frac{3}{4}$ O.D.).....                         | 1913959  | All                                                                       |
| 53                   | Washer—Terminal Stud—Insul. ( $\frac{1}{2}$ O.D.).....                         | 1904669  | All                                                                       |
| 54                   | Washer—Terminal Stud—Plain.....                                                | 805790   | 1108602-3-4-5-6-7-8-9-12-14-15-16-17-19                                   |
| 54                   | Washer—Terminal Stud—Plain.....                                                | 812622   | 1108618; 20-1-2-4-6-8-9; 31-2-3-4                                         |
| <b>MISCELLANEOUS</b> |                                                                                |          |                                                                           |
| 56                   | BOOT—Plunger.....                                                              | 1912448  | 1108612; 21-9; 32-4                                                       |
| .....                | BUSHING—C.E.....                                                               | 1872678  | 1108602-3-4-5-6-7-8-9-12-14-15-16-17-18-19; 20-1-2-4-5-6-8-9; 31-2-3-4    |
| 57                   | BUSHING—Center Bearing.....                                                    | 1838670  | 1108602-3-4-5-6-7-8-9-14-15-19; 20-2-4; 33                                |
| 57                   | BUSHING—Center Bearing.....                                                    | 820148   | 1108610-12; 21-5-9; 31-2-4                                                |
| 57                   | BUSHING—Center Bearing.....                                                    | 1880471  | 1108616-17-18                                                             |
| 57                   | BUSHING—Center Bearing.....                                                    | 1938763  | 1108626                                                                   |
| 58                   | BUSHING—D.E.....                                                               | 826462   | 1108605-10-12; 24-5-9; 31-3                                               |
| 58                   | BUSHING—D.E.....                                                               | 1872678  | 1108602-3-4-6-7-8-9-14-15-16-17-18-19; 20-2-6-8                           |
| 58                   | BUSHING—D.E.....                                                               | 1959998  | 1108621; 32-4                                                             |

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

## MINOR PARTS SECTION

| Illus.<br>No. | Name                                       | Part No. | Used on Models                                                                |
|---------------|--------------------------------------------|----------|-------------------------------------------------------------------------------|
|               | <b>MISCELLANEOUS—Continued</b>             |          |                                                                               |
| ---           | COLLAR—Pinion Stop.....                    | 1928021  | 1108621; 32-4                                                                 |
| ---           | CONTACT—Switch.....                        | 1857271  | 1108610; 25                                                                   |
| ---           | GASKET—Center Bearing.....                 | 1925479  | 1108618                                                                       |
| ---           | GASKET—Shift Lever Support.....            | 1911635  | 1108610-12; 21-5; 32-4                                                        |
| ---           | GASKET—Under Switch.....                   | 1887033  | 1108610; 25                                                                   |
| ---           | INSULATOR—Switch Contact.....              | 1857270  | 1108610; 25                                                                   |
| ---           | INSULATOR—Under Switch.....                | 1857269  | 1108610; 25                                                                   |
| 59            | INSULATOR—Switch Side.....                 | 816911   | 1108631                                                                       |
| ---           | LINK—Adjusting.....                        | 1927033  | 1108621                                                                       |
| ---           | OILER—C.E.....                             | 114998   | 1108602-3 5-6-7-8-9-10-12-14-15-16-17-<br>18-19; 2 1-2-4-5-8-9; 31-2-3-4      |
| ---           | OILER—C.E.....                             | 1880642  | 1108626                                                                       |
| 61            | OILER—D.E.....                             | 114998   | 1108602-3 4-5-6-7-8-9-10-12-14-15-16-17-<br>18-19; 20-1-2-4-5-8-9; 31-2-3-4   |
| ---           | OILER—D.E.....                             | 1880642  | 1108626                                                                       |
| ---           | Oil WICK—C.E.....                          | 1919851  | 1108602-3 4-5-6-7-8-9-10-12-14-15-16-17-<br>18-19; 20-1-2-4-5-6-8-9; 31-2-3-4 |
| 62            | Oil WICK—D.E.....                          | 1919851  | 1108602-3 4-5-6-7-8-9-10-12-14-15-16-17-<br>18-19; 20-1-2-4-5-6-8-9; 31-2-3-4 |
| ---           | PIN—Brush Holder Hinge.....                | 817313   | All                                                                           |
| ---           | PIN—Brush Holder Stop.....                 | 817314   | All                                                                           |
| ---           | PIN (& Insulation)—Brush Holder Hinge..... | 812016   | All                                                                           |
| ---           | PIN (& Insulation)—Brush Holder Stop.....  | 812015   | All                                                                           |
| 63            | PIN—Cotter—Shift Lever.....                | 112726   | 1108612; 21-9; 32-4                                                           |
| ---           | PIN—Dowel—C.E.....                         | 809062   | All                                                                           |
| 65            | PIN—Dowel—D.E.....                         | 809593   | All                                                                           |
| 66            | PIN—Shift Lever.....                       | 1853305  | 1108612; 21-9; 32-4                                                           |
| 68            | Pole SHOE.....                             | 1887021  | 1108602-3 4-5-6-7-8-9-10-12-14-15-16-17-<br>18-19; 20-1-2-4-5-6-8-9; 31-2-3-4 |
| ---           | PLUG—Expansion—C.E.....                    | 810819   | 1108602-3 4-5-6-7-8-9-10-12-14-15-16-17-<br>18; 22-4-5-6-8-9; 31-2-3-4        |
| ---           | PLUG—Pipe—C.E.....                         | 103883   | 1108609                                                                       |
| ---           | PLUG—Pipe—D.E.....                         | 103883   | 1108609                                                                       |
| ---           | RING—Retainer—Pinion Stop.....             | 1928022  | 1108621; 32-4                                                                 |
| ---           | SEAL—Oil—In Center Bearing.....            | 1909851  | 1108616-17-18-19; 20                                                          |
| ---           | SUPPORT—Shift Lever (Threaded).....        | 1911636  | 1108610; 25                                                                   |
| ---           | SUPPORT—Shift Lever (Threaded).....        | 1911930  | 1108612; 21; 32-4                                                             |
| ---           | SUPPORT—Shift Lever (Not threaded).....    | 1911637  | 1108610-12; 21-5; 32-4                                                        |
| 69            | SUPPORT—Shift Lever Spring.....            | 1835998  | 1108629; 31                                                                   |
| 70            | Woodruff KEY.....                          | 124546   | 1108602-3 4-5-6-7-8-9-14-15-16-17-18-19;<br>20-2-4-6-8; 33                    |



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

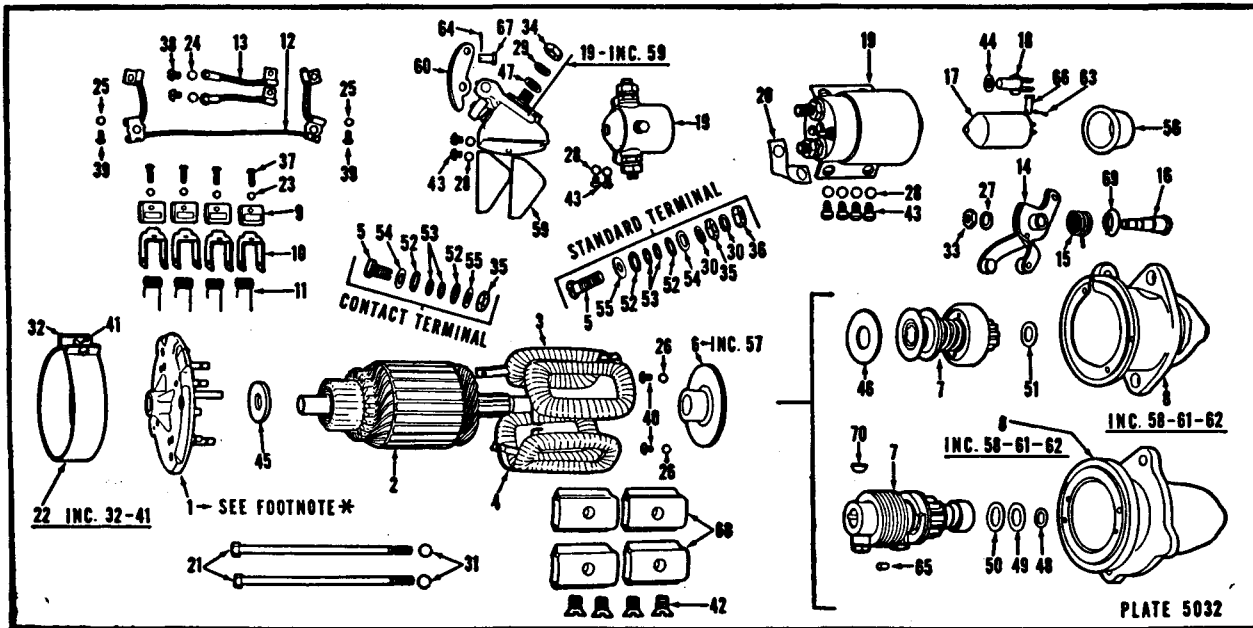
| Model No. | * Frame<br>C.E. | Armature | Field<br>Coil<br>Upper | Field<br>Coil<br>Lower | Stud<br>Terminal | Plate<br>Center<br>Bearing | Drive<br>Assembly | Housing<br>Drive | Brush   | Holder | Spring  |
|-----------|-----------------|----------|------------------------|------------------------|------------------|----------------------------|-------------------|------------------|---------|--------|---------|
|           | 1               | 2        | 3                      | 4                      | 5                | 6                          | 7                 | 8                | 9       | 10     | 11      |
| 1108635   | 1864530         | 1887022  | 1935235                | 1935237                | 826938           | 820149                     | △1912835          | 1935234          | 1886643 | 810226 | 813521  |
| 1108636   | "               | 1956918  | 1917587                | 1917590                | "                | "                          | △1951180          | 1944283          | "       | "      | "       |
| 1108637   | 1935681         | 1885520  | 1927145                | 1927144                | "                | 1838667                    | *1864682          | 1935716          | "       | "      | "       |
| 1108638   | "               | 1938603  | 1935235                | 1935237                | "                | 820149                     | △1941657          | 1951427          | "       | "      | "       |
| 1108639   | "               | 1907785  | "                      | "                      | "                | 1838667                    | △1958671          | 1937759          | "       | "      | "       |
| 1108640   | "               | 1938603  | "                      | "                      | "                | 820149                     | △1933838          | 1938650          | "       | "      | "       |
| 1108641   | "               | 1956918  | 1917587                | 1917590                | "                | "                          | △1932890          | 1951427          | "       | "      | "       |
| 1108642   | "               | 1939106  | 1935235                | 1935237                | "                | "                          | △1939109          | 1939104          | "       | "      | "       |
| 1108643   | "               | 1956918  | 1917587                | 1917590                | "                | "                          | △1940138          | 1940117          | "       | "      | "       |
| 1108644   | "               | "        | "                      | "                      | "                | "                          | △1941157          | 1946967          | "       | "      | "       |
| 1108645   | "               | 1885520  | 1927145                | 1927144                | "                | 1838667                    | *1864682          | 1935716          | "       | "      | "       |
| 1108646   | 1864530         | 1938603  | 1935235                | 1935237                | "                | 820149                     | △1933838          | 1938650          | "       | "      | "       |
| 1108647   | 1935681         | "        | "                      | "                      | "                | "                          | △1941657          | 1951427          | "       | "      | 1935316 |
| 1108648   | 1864530         | 1956918  | 1917587                | 1917590                | "                | "                          | △1950058          | 1942690          | "       | "      | 813521  |
| 1108649   | "               | 1942955  | "                      | "                      | "                | "                          | △1941157          | 1942949          | "       | "      | "       |
| 1108650   | "               | 1907785  | 1907562                | 1907563                | "                | 1838667                    | ○1938954          | 1943898          | "       | "      | "       |
| 1108652   | "               | 1956918  | 1917587                | 1917590                | "                | 820149                     | △1951180          | 1944283          | "       | "      | "       |
| 1108653   | 1935681         | "        | "                      | "                      | "                | "                          | △1940138          | 1945418          | "       | "      | 1935316 |
| 1108654   | 1935681         | 1945708  | 1935235                | 1935237                | "                | "                          | △1945711          | 1946766          | "       | "      | 813521  |
| 1108656   | "               | "        | "                      | "                      | "                | "                          | △                 | 1946766          | "       | "      | "       |
| 1108657   | 1864530         | 1947296  | "                      | "                      | "                | "                          | △1939109          | 1950313          | "       | "      | "       |
| 1108658   | 1935681         | 1956918  | 1917587                | 1917590                | "                | "                          | △1940412          | 1946967          | "       | "      | "       |
| 1108659   | 1935681         | 1939106  | 1935235                | 1935237                | "                | "                          | △1933838          | 1955335          | "       | "      | "       |
| 1108660   | 1935681         | 1907785  | 1907562                | 1907653                | "                | 1880469                    | ○1938954          | 1948356          | "       | "      | "       |

\*C.E. Frame includes (where necessary) brush pins, oiler, wick, dowel pin, expansion plug, and bushing. See Miscellaneous Section for parts.

△For parts see Motor Drive—Group 1.

△For parts see Motor Drive—Group 4.

○Service by complete replacement.



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

| Model No.    | Lead — Brush Connector | Lead — Brush Ground | Lever — Shift | Spring — Shift Lever | Stud or Screw — Shift Lever | Plunger and Link | Link and Screw | Switch   | Con- nector — Switch | Bolt — Thru | Band — Cover |
|--------------|------------------------|---------------------|---------------|----------------------|-----------------------------|------------------|----------------|----------|----------------------|-------------|--------------|
|              | 12                     | 13                  | 14            | 15                   | 16                          | 17               | 18             | 19       | 20                   | 21          | 22           |
| 1108635..... | 819362                 | 813554              | 1917593       | 1917596              | 123737                      | 1912055          | .....          | *1114322 | 1917589              | 1887034     | 1886923      |
| 1108636..... | "                      | "                   | 1930809       | 1930811              | "                           | 1931559          | .....          | "        | "                    | "           | "            |
| 1108637..... | "                      | "                   | "             | "                    | "                           | "                | .....          | *1467    | 1931505              | "           | "            |
| 1108638..... | "                      | "                   | 1938680       | 1859742              | 1917078                     | 1932634          | .....          | *1114322 | 1917598              | "           | "            |
| 1108639..... | "                      | "                   | .....         | .....                | .....                       | .....            | .....          | .....    | .....                | .....       | .....        |
| 1108640..... | "                      | "                   | 1930809       | 1917596              | 123737                      | 1931599          | .....          | *1119797 | 1917951              | "           | "            |
| 1108641..... | "                      | "                   | 1938680       | 1859742              | 1917078                     | 1932635          | .....          | "        | "                    | "           | "            |
| 1108642..... | "                      | "                   | 1932205       | 1932208              | 1932197                     | 1939113          | .....          | *1114356 | 1845937              | "           | "            |
| 1108643..... | "                      | "                   | 1938680       | 1859742              | 1917078                     | 1932634          | .....          | *1119797 | 1917951              | "           | "            |
| 1108644..... | "                      | "                   | "             | "                    | "                           | "                | .....          | "        | "                    | "           | "            |
| 1108645..... | "                      | "                   | "             | "                    | "                           | "                | .....          | *1119970 | 1903905              | "           | "            |
| 1108646..... | "                      | "                   | 1930809       | 1917596              | 123737                      | 1931559          | .....          | *1119912 | 1917951              | "           | "            |
| 1108647..... | "                      | "                   | 1938680       | 1859742              | 1917078                     | 1932634          | .....          | *1114322 | 1917598              | "           | "            |
| 1108648..... | "                      | "                   | 1930809       | 1917596              | 123737                      | 1931559          | .....          | *1119797 | 1917951              | "           | "            |
| 1108649..... | "                      | "                   | 1932205       | .....                | 1932197                     | 1939113          | .....          | *1114356 | 1845937              | "           | "            |
| 1108650..... | "                      | "                   | "             | "                    | "                           | "                | .....          | *1467    | 1903905              | "           | "            |
| 1108652..... | "                      | "                   | 1930809       | 1930811              | 123737                      | 1931559          | .....          | *1114322 | 1917598              | "           | "            |
| 1108653..... | "                      | "                   | 1938680       | 1859742              | 1917078                     | 1932634          | .....          | *1119797 | 1917951              | "           | "            |
| 1108654..... | "                      | "                   | 1932205       | .....                | .....                       | 1941113          | .....          | *1114356 | 1845937              | "           | "            |
| 1108656..... | "                      | "                   | "             | "                    | "                           | "                | .....          | "        | "                    | "           | "            |
| 1108657..... | "                      | "                   | "             | "                    | "                           | "                | .....          | *1114295 | "                    | "           | "            |
| 1108658..... | "                      | "                   | 1938680       | 1859742              | 1917078                     | 1932634          | .....          | *1119797 | 1917591              | "           | "            |
| 1108659..... | "                      | "                   | 1932205       | .....                | .....                       | 1939113          | .....          | *1114295 | 1845937              | "           | "            |
| 1108660..... | "                      | "                   | .....         | .....                | .....                       | .....            | .....          | .....    | .....                | .....       | .....        |

- \*For parts see Magnetic Switch—Group 4.  
 \*For parts see Switch—Group 103-A.  
 \*For parts see Switch—Group 103-B.  
 \*For parts see Switch—Group 103-C.  
 \*For Switch Components see part No. of switch on equipment.

# MINOR PARTS SECTION

| Illus. No.           | Name                                                                           | Part No. | Used on Models                                              |
|----------------------|--------------------------------------------------------------------------------|----------|-------------------------------------------------------------|
| <b>LOCK WASHERS</b>  |                                                                                |          |                                                             |
| 23                   | Lock Washer—Brush Attaching Screw.....                                         | 456413   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 24                   | Lock Washer—Brush Ground Lead Screw.....                                       | 453844   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 25                   | Lock Washer—Brush Lead Attaching Screw.....                                    | 453435   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 53-4-6-7-8-9; 60     |
| 26                   | Lock Washer—Center Bearing Attaching Screw.....                                | 1962276  | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8; 50-2-3-4-6-7-8-9; 60   |
| 26                   | Lock Washer—Center Bearing Attaching Screw.....                                | 138479   | 1108652                                                     |
| —                    | Lock Washer—Link Attaching Screw.....                                          | 453435   | 1108638; 45                                                 |
| 27                   | Lock Washer—Shift Lever Stud.....                                              | 9421424  | 1108642-9; 54-6                                             |
| 27                   | Lock Washer—Shift Lever Stud.....                                              | 9421423  | 1108635-6; 40-6-8; 52                                       |
| 27                   | Lock Washer—Shift Lever Stud.....                                              | 9421425  | 1108638; 41-3-4-7; 53-8                                     |
| 27                   | Lock Washer—Shift Lever Stud.....                                              | 1953479  | 1108657-9                                                   |
| 28                   | Lock Washer—Switch Attaching Screw.....                                        | 9421423  | 1108642-9; 54-6-7-9                                         |
| 30                   | Lock Washer—Terminal Stud.....                                                 | 9421425  | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 31                   | Lock Washer—Thru Bolt.....                                                     | 9421423  | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| <b>NUTS</b>          |                                                                                |          |                                                             |
| 32                   | Nut—Cover Band Screw.....                                                      | 453433   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 33                   | Nut—Shift Lever Stud.....                                                      | 805258   | 1108638; 41-3-4-7; 53-8                                     |
| 33                   | Nut—Shift Lever Screw.....                                                     | 1926640  | 1108642-9; 54-6-7-9                                         |
| 35-36                | Nut—Terminal Stud.....                                                         | 805258   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| <b>SCREWS</b>        |                                                                                |          |                                                             |
| 37                   | Screw—Brush Attaching.....                                                     | 454154   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 38                   | Screw—Brush Ground Lead.....                                                   | 453647   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 39                   | Screw—Brush Lead Attaching—To Field Coil.....                                  | 453463   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 40                   | Screw—Center Bearing Attaching.....                                            | 1914580  | 1108636-7-9; 40-1-2-4-5-6-7-8; 50-4-6-7-8-9; 60             |
| 40                   | Screw—Center Bearing Attaching.....                                            | 132900   | 1108635-8; 43-9; 52-3                                       |
| 41                   | Screw—Cover Band.....                                                          | 453479   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| —                    | Screw—Link Attaching.....                                                      | 132119   | 1108638; 45                                                 |
| 42                   | Screw—Pole Shoe.....                                                           | 1913100  | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 43                   | Screw—Switch Attaching.....                                                    | 1917084  | 1108635-6-7-8; 40-1-3-4-5-6-7-8; 50-2-3-8                   |
| 43                   | Screw—Switch Attaching.....                                                    | 132255   | 1108642-9; 54-6-7-9                                         |
| <b>WASHERS</b>       |                                                                                |          |                                                             |
| —                    | Washer—Between Center Bearing & Drive.....                                     | 1881771  | 1108642-9; 59                                               |
| —                    | Washer—Between Center Bearing & Drive.....                                     | 821453   | 1108646-7-8; 52-7                                           |
| 45                   | Washer—Space—C.E. ( $\frac{1}{8} \times \frac{1}{8} \times \frac{1}{8}$ )..... | 1914842  | 1108635-6-7-8-9; 40-1-3-4-5-6-7-8; 50-2-3-4-6-7-8; 60       |
| 45                   | Washer—Space—C.E.....                                                          | 818265   | 1108642-9; 59                                               |
| 46                   | Washer—Brake—D.E.....                                                          | 821453   | 1108635-6-8; 40-1-3-4; 53-4-6-8                             |
| 48                   | Washer—Space—D.E. ( $\frac{1}{8} \times \frac{1}{8} \times \frac{1}{8}$ )..... | 1914842  | 1108637-9; 45; 50; 60                                       |
| 51                   | Washer—Space—D.E.....                                                          | 1928023  | 1108636-8; 40-1-2-3-4-6-7-8-9; 52-3-4-6-7-8-9               |
| 52                   | Washer—Terminal Stud—Insul. ( $\frac{3}{4}$ O.D.).....                         | 1913959  | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 53                   | Washer—Terminal Stud—Insul. ( $\frac{1}{8}$ O.D.).....                         | 1913958  | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 54                   | Washer—Terminal Stud—Plain.....                                                | 805790   | 1108639                                                     |
| 54                   | Washer—Terminal Stud—Plain.....                                                | 812622   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| <b>MISCELLANEOUS</b> |                                                                                |          |                                                             |
| 56                   | BOOT—Plunger.....                                                              | 1912448  | 1108635-6-8; 40-3-4-6-7-8; 52-3-8                           |
| —                    | BUSHING—C.E.....                                                               | 1872678  | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 57                   | BUSHING—Center Bearing.....                                                    | 1838670  | 1108639; 50                                                 |
| 57                   | BUSHING—Center Bearing.....                                                    | 1938763  | 1108637; 45                                                 |

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

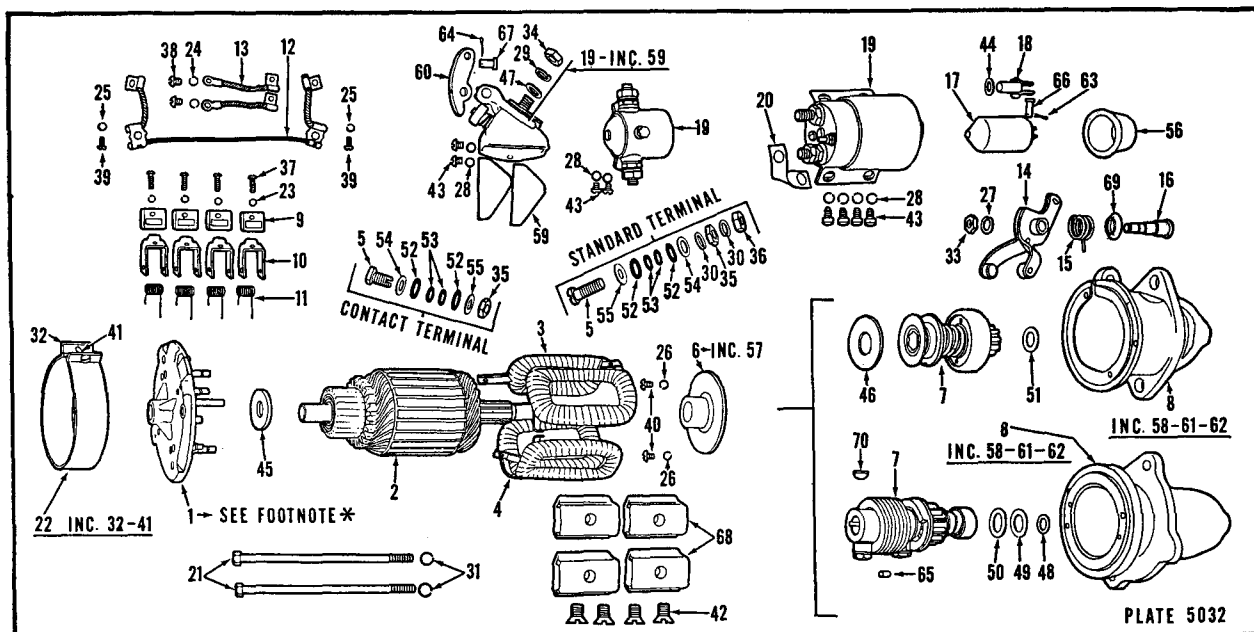
## MINOR PARTS SECTION

| Illus. No. | Name                                              | Part No. | Used on Models                                              |
|------------|---------------------------------------------------|----------|-------------------------------------------------------------|
|            | <b>MISCELLANEOUS—Continued</b>                    |          |                                                             |
| 57         | BUSHING—Center Bearing.....                       | 820148   | 1108635-6-8; 41-3-4-7-8-9; 53-8                             |
| 57         | BUSHING—Center Bearing.....                       | 1938596  | 1108640-2-6; 52-4-6-7-9                                     |
| 57         | BUSHING—Center Bearing.....                       | 1880471  | 1108660                                                     |
| 58         | BUSHING—D.E.....                                  | 826462   | 1108635-7; 45                                               |
| 58         | BUSHING—D.E.....                                  | 1872678  | 1108639; 50; 60                                             |
| 58         | BUSHING—D.E.....                                  | 1959998  | 1108636-8; 40-1-2-3-4-6-7-8-9; 52-3-4-6-7-8-9               |
| —          | COLLAR—Pinion Stop.....                           | 1928021  | 1108636-8; 40-1-2-3-4-6-7-8-9; 52-3-4-6-7-8-9               |
| —          | COLLAR—Space—D.E.....                             | 1867899  | 1108649; 59                                                 |
| —          | GASKET—Center Bearing.....                        | 1925479  | 1108660                                                     |
| —          | GASKET—Shift Lever Support.....                   | 1911635  | 1108635-6; 40-6-8; 52                                       |
| —          | GASKET—Solenoid Mounting.....                     | 1952427  | 1108642; 56-7-9                                             |
| —          | LINK—Adjusting.....                               | 1927033  | 1108638; 47                                                 |
| —          | OILER—C.E.....                                    | *114998  | 1108635-6-7-8-9; 41-3-4-5-6-7-8-9; 50-2-3-7-9               |
| 61         | OILER—D.E.....                                    | *114998  | 1108635-6-7-8-9; 41-3-4-5-6-7-8-9; 50-9                     |
| 61         | OILER—D.E.....                                    | 1880642  | 1108640-2; 53-7                                             |
| —          | Oil WICK—C.E.....                                 | 1919851  | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 62         | Oil WICK—D.E.....                                 | 1919851  | 1108635-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-3-7                 |
| 62         | Oil WICK—D.E.....                                 | 1916439  | 1108636; 524-6-8-9; 60                                      |
| —          | PIN—Brush Holder Hinge.....                       | 817313   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| —          | PIN—Brush Holder Stop.....                        | 817314   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| —          | PIN (& Insulation)—Brush Holder Hinge.....        | 812016   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| —          | PIN (& Insulation)—Brush Holder Stop.....         | 812015   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 63         | PIN—Cotter—Shift Lever.....                       | 112726   | 1108635-6-8; 40-1-3-4-6-7-8; 52-3-8                         |
| —          | PIN—Dowel—C.E.....                                | 809062   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 65         | PIN—Dowel—D.E.....                                | 809593   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| 66         | PIN—Shift Lever.....                              | 1853305  | 1108635-6-8; 40-1-3-4-6-7-8; 52-3-8                         |
| 66         | PIN—Shift Lever Attaching.....                    | 455106   | 1108642-9; 54-6-7-9                                         |
| 68         | Pole SHOE.....                                    | 1887021  | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| —          | PLUG—Expansion—C.E.....                           | 810819   | 1108635-6-7-8-9; 40-1-2-3-4-5-6-7-8-9; 50-2-3-4-6-7-8-9; 60 |
| —          | PLUG—Pipe—C.E.....                                | 453465   | 1108654-6-8-9; 60                                           |
| —          | PLUG—PipeD.E.....                                 | 453465   | 1109636; 52-4-6-8-9; 60                                     |
| —          | RING—Retainer—Between Center Bearing & Drive..... | 9413435  | 1108642-9                                                   |
| —          | RING—Retainer—Pinion Stop.....                    | 1928022  | 1108636-8; 40-1-2-3-4-6-7-8-9; 52-3-4-6-7-8-9               |
| —          | SEAL—Oil—Center Bearing.....                      | 1909851  | 1108660                                                     |
| —          | SPRING—Motor Drive Assist.....                    | 1932209  | 1108642-9; 59                                               |
| —          | SPRING—Plunger Return.....                        | 1932208  | 1108649; 54-6-7-9                                           |
| —          | STUD—Shift Lever.....                             | 1932197  | 1108654-6                                                   |
| —          | STUD—Shift Lever.....                             | 1814529  | 1108635-6; 40-6-8; 52                                       |
| —          | SUPPORT—Shift Lever (Threaded).....               | 1911930  | 1108635-6; 40-6-8; 52                                       |
| —          | SUPPORT—Shift Lever (Not threaded).....           | 1911637  | 1108638; 41-3-4-7; 53-8                                     |
| 69         | SUPPORT—Shift Lever Spring.....                   | 1835998  | 1108637-9; 45; 50; 60                                       |
| 70         | Woodruff KEY.....                                 | 124546   | 1108657-9                                                   |

\*Later units part no. 1108659 (with pipe plugs in end housing) require part no. 125947 Pipe Plug.

Revised to August 1, 1969

## SERVICE PARTS CATALOG



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

| Model No.    | * Frame<br>— C.E. | Armature | Field Coil<br>— Upper | Field Coil<br>— Lower | Stud<br>— Terminal | Plate<br>— Center Bearing | Drive<br>— Assembly | Housing<br>— Drive | Brush  | Holder | Spring  |
|--------------|-------------------|----------|-----------------------|-----------------------|--------------------|---------------------------|---------------------|--------------------|--------|--------|---------|
|              | 1                 | 2        | 3                     | 4                     | 5                  | 6                         | 7                   | 8                  | 9      | 10     | 11      |
| 1108661..... | 1935681           | 1956918  | 1917587               | 1917590               | 826938             | 820149                    | △1940134            | 1951427            | 828448 | 810228 | 1935316 |
| 1108662..... | "                 | 1950417  | "                     | "                     | "                  | "                         | △1968355            | 1949176            | "      | "      | 813521  |
| 1108665..... | "                 | "        | "                     | "                     | "                  | "                         | △1946220            | 1950313            | "      | "      | "       |
| 1108666..... | "                 | "        | "                     | "                     | "                  | 1949556                   | △                   | 1950422            | "      | "      | "       |
| 1108667..... | "                 | "        | "                     | "                     | "                  | 820149                    | △1968355            | 1950313            | "      | "      | "       |
| 1108668..... | "                 | 1938603  | 1935235               | 1935237               | "                  | "                         | △1941657            | 1951427            | "      | "      | 1935316 |
| 1108669..... | "                 | 1907785  | 1907562               | 1907563               | "                  | 1838667                   | x1938954            | 1951204            | "      | "      | 813521  |
| 1108670..... | "                 | 1950417  | 1917587               | 1917590               | "                  | 1949556                   | △1946220            | 1951155            | "      | "      | "       |
| 1108671..... | "                 | 1956918  | "                     | "                     | "                  | 820149                    | △1968355            | 1951806            | "      | "      | "       |
| 1108672..... | "                 | 1950417  | 1917587               | "                     | "                  | "                         | △1946220            | 1957859            | "      | "      | "       |
| 1108673..... | "                 | 1938603  | 1935235               | 1935237               | "                  | "                         | △1939109            | 1951427            | "      | "      | "       |
| 1108674..... | "                 | 1907785  | 1927145               | 1927144               | "                  | 1838667                   | △1930358            | 1937759            | "      | "      | "       |
| 1108675..... | "                 | 1950417  | 1917587               | 1917590               | "                  | 820149                    | △1946220            | 1950313            | "      | "      | "       |

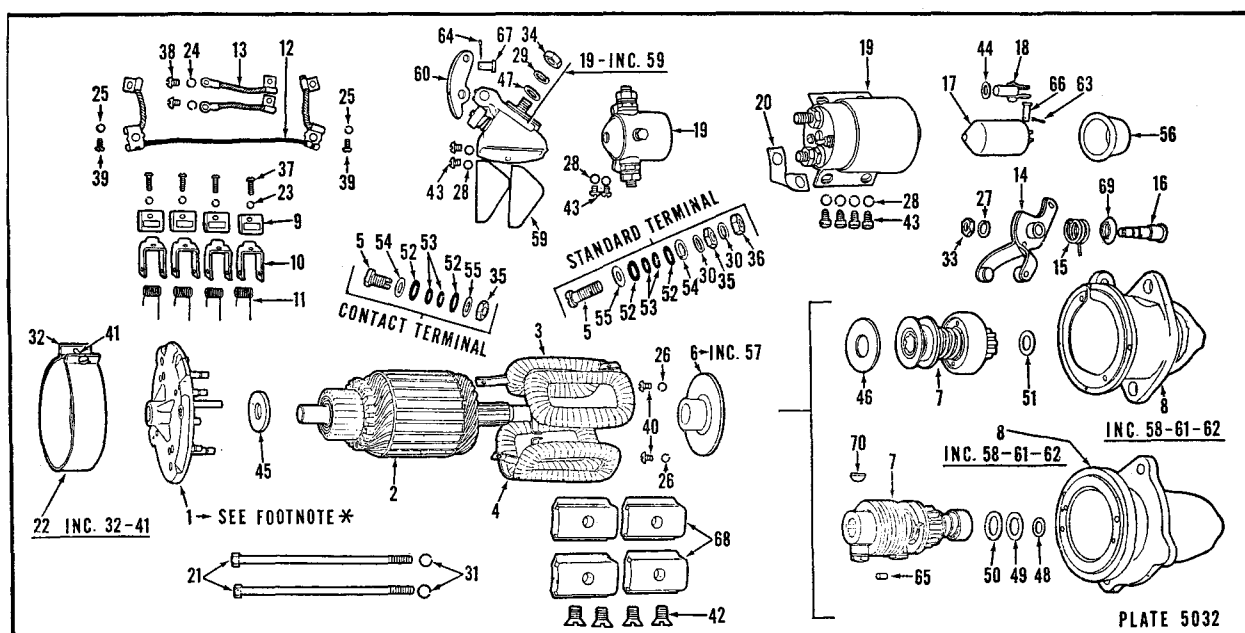
\*C.E. Frame includes (where necessary) brush pins, oiler, wick, dowel pin, expansion plug, and bushing.

See Miscellaneous Section for parts.

△For parts see Motor Drive—Group 4.

\*Service by complete replacement.

○For parts see Motor Drive—Group 5.



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

| Model No.    | Lead — Brush Connector | Lead — Brush Ground | Lever — Shift | Spring — Shift Lever | Stud or Screw — Shift Lever | Plunger and Link | Link and Screw | Switch   | Connector — Switch | Bolt — Thru | Band — Cover |
|--------------|------------------------|---------------------|---------------|----------------------|-----------------------------|------------------|----------------|----------|--------------------|-------------|--------------|
|              | 12                     | 13                  | 14            | 15                   | 16                          | 17               | 18             | 19       | 20                 | 21          | 22           |
| 1108661..... | 819362                 | 813554              | 1938680       | 1859742              | 1917078                     | 1932634          | .....          | ▲1119797 | 1917951            | 1887034     | 1886923      |
| 1108662..... | "                      | "                   | 1951567       | .....                | 1932197                     | 1941113          | .....          | □1114356 | 1845937            | "           | "            |
| 1108665..... | "                      | "                   | "             | .....                | "                           | "                | .....          | □"       | "                  | "           | "            |
| 1108666..... | "                      | "                   | "             | .....                | "                           | "                | .....          | □"       | "                  | "           | "            |
| 1108667..... | "                      | "                   | "             | .....                | "                           | "                | .....          | □"       | "                  | "           | "            |
| 1108668..... | "                      | "                   | 1938680       | 1859742              | 1917078                     | 1932634          | .....          | ▲1114322 | 1917598            | "           | "            |
| 1108669..... | "                      | "                   | "             | .....                | .....                       | .....            | .....          | .....    | .....              | "           | "            |
| 1108670..... | "                      | "                   | 1951567       | .....                | 1814529                     | 1941113          | .....          | □1114356 | 1845937            | "           | "            |
| 1108671..... | "                      | "                   | 1930809       | 1917596              | 123737                      | 1931559          | .....          | ▲1119797 | 1917951            | "           | "            |
| 1108672..... | "                      | "                   | 1951567       | .....                | 1932197                     | 1941113          | .....          | □1114356 | 1845937            | "           | "            |
| 1108673..... | "                      | "                   | 1938680       | 1859742              | 1917078                     | 1932634          | .....          | ▲1114274 | "                  | "           | "            |
| 1108674..... | "                      | "                   | "             | .....                | .....                       | .....            | .....          | .....    | .....              | "           | "            |
| 1108675..... | "                      | "                   | 1951567       | .....                | 1932197                     | 1941113          | .....          | □1114356 | 1845937            | "           | "            |

▲For parts see Switch—Group 103-B.

□For parts see Switch—Group 103-C.

\*For parts see Switch—Group 6.

▢For Switch components see part No. of Switch on equipment.

Revised to August 1, 1969

### MINOR PARTS SECTION

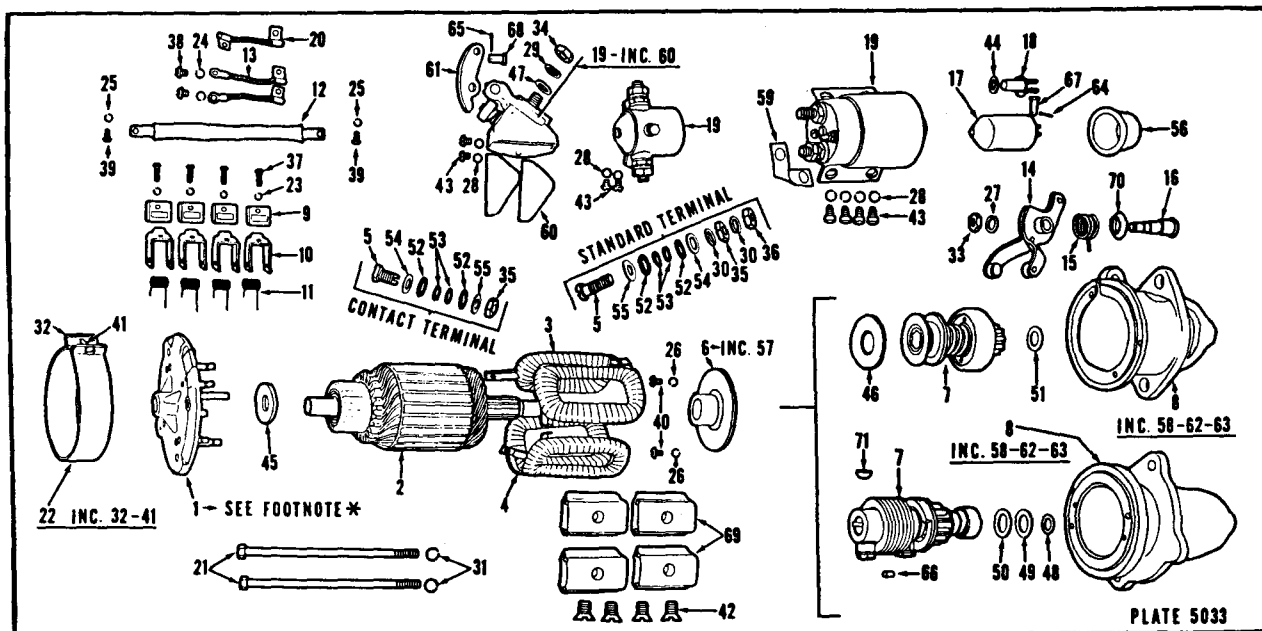
NOTE: Most screws, bolts, nuts, lockwashers, woodruff keys, and cotter pins are Standard Hardware items and are not available from Delco-Remy. Refer to Standard Hardware sheets in catalog miscellaneous section for dimensions and description.

| Illus.<br>No.        | Name                                                                             | Part No. | Used on Models                    |
|----------------------|----------------------------------------------------------------------------------|----------|-----------------------------------|
| <b>LOCK WASHERS</b>  |                                                                                  |          |                                   |
| 23                   | Lock Washer—Brush Attaching Screw -----                                          | 456413   | 1108661-2-5-6-7-8-9; 70-1-2-3-4   |
| 24                   | Lock Washer—Brush Ground Lead Screw -----                                        | 453844   | 1108661-2-5-6-7-8-9; 70-1-3-4-5   |
| 25                   | Lock Washer—Brush Lead Attaching Screw -----                                     | 453435   | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| 26                   | Lock Washer—Center Bearing Attaching Screw -----                                 | 1962276  | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| —                    | Lock Washer—Link Attaching Screw -----                                           | 453435   | 1108661-8; 73                     |
| 27                   | Lock Washer—Shift Lever -----                                                    | 9421423  | 1108671                           |
| 27                   | Lock Washer—Shift Lever Stud -----                                               | 9421424  | 1108662-5-6-7; 72-5               |
| 27                   | Lock Washer—Shift Lever Stud -----                                               | 9421425  | 1108661-8; 73                     |
| 27                   | Lock Washer—Shift Lever Stud -----                                               | 1953479  | 1108670                           |
| 28                   | Lock Washer—Switch Attaching Screw -----                                         | 9421423  | 1108662-5-6-7; 70-2-5             |
| 30                   | Lock Washer—Terminal Stud -----                                                  | 9421425  | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| 31                   | Lock Washer—Thru Bolt -----                                                      | 9421423  | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| <b>NUTS</b>          |                                                                                  |          |                                   |
| 32                   | Nut—Cover Band Screw -----                                                       | 453433   | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| 33                   | Nut—Shift Lever Stud -----                                                       | 805258   | 1108661-8; 73                     |
| 33                   | Nut—Shift Lever Screw -----                                                      | 1926640  | 1108662-5-6-7; 70-2-5             |
| 35-36                | Nut—Terminal Stud -----                                                          | 805258   | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| <b>SCREWS</b>        |                                                                                  |          |                                   |
| 37                   | Screw—Brush Attaching -----                                                      | 454154   | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| 38                   | Screw—Brush Ground Lead -----                                                    | 453647   | 1108661-2-5-6-7-8-9; 70-1-3-4-5   |
| 39                   | Screw—Brush Lead Attaching—To Field Coil -----                                   | 453463   | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| 40                   | Screw—Center Bearing Attaching -----                                             | 1914580  | 1108662-5-6-7-8-9; 70-1-2-3-4-5   |
| 40                   | Screw—Center Bearing Attaching -----                                             | 132900   | 1108661                           |
| 41                   | Screw—Cover Band -----                                                           | 453479   | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| —                    | Screw—Link Attaching -----                                                       | 453339   | 1108661-8; 73                     |
| 42                   | Screw—Pole Shoe -----                                                            | 1913100  | 1108661-2-5-6-7-8; 70-1-2-3-4-5   |
| 43                   | Screw—Switch Attaching -----                                                     | 1917084  | 1108661-8-9; 71-3                 |
| 43                   | Screw—Switch Attaching -----                                                     | 132255   | 1108662-5-6-7; 70-2-5             |
| <b>WASHERS</b>       |                                                                                  |          |                                   |
| 46                   | Washer—Between Center Bearing & Drive -----                                      | 821453   | 1108661-2-5-6-7-8; 70-1-2-3-5     |
| 45                   | Washer—Space—C.E. ( $\frac{9}{16} \times \frac{3}{8} \times \frac{1}{8}$ ) ----- | 1914842  | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| 51                   | Washer—Space—D.E. -----                                                          | 1914842  | 1108669; 74                       |
| 51                   | Washer—Space—D.E. -----                                                          | 1928023  | 1108661-2-5-6-7-8; 70-1-2-3-5     |
| 52                   | Washer—Terminal Stud—Insul. ( $\frac{3}{4}$ O.D.) -----                          | 1913959  | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| 53                   | Washer—Terminal Stud—Insul. ( $\frac{1}{2}$ O.D.) -----                          | 1913958  | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| 54                   | Washer—Terminal Stud—Plain -----                                                 | 805790   | 1108674                           |
| 54                   | Washer—Terminal Stud—Plain -----                                                 | 812622   | 1108661-2-5-6-7-8-9; 70-1-2-3-5   |
| <b>MISCELLANEOUS</b> |                                                                                  |          |                                   |
| 56                   | BOOT—Plunger -----                                                               | 1912448  | 1108661-8; 71-3                   |
| 56                   | BOOT—Plunger -----                                                               | 1949245  | 1108666                           |
| 56                   | BOOT—Solenoid Switch -----                                                       | 1951156  | 1108670                           |
| —                    | BUSHING—C.E. -----                                                               | 1872678  | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| 57                   | BUSHING—Center Bearing -----                                                     | 820148   | 1108661-8; 71-3                   |
| 57                   | BUSHING—Center Bearing -----                                                     | 1838670  | 1108669; 74                       |
| 57                   | BUSHING—Center Bearing -----                                                     | 1867149  | 1108666; 70                       |
| 57                   | BUSHING—Center Bearing -----                                                     | 1938596  | 1108662-5-7; 72-5                 |
| 58                   | BUSHING—D.E. -----                                                               | 1959998  | 1108661-2-5-6-7-8; 70-1-2-3-5     |
| 58                   | BUSHING—D.E. -----                                                               | 1872678  | 1108669; 74                       |
| —                    | COLLAR—Pinion Stop -----                                                         | 1928021  | 1108661-2-5-6-7-8; 70-1-2-3-5     |
| —                    | GASKET—Between Center Bearing & Drive -----                                      | 1867151  | 1108666; 70                       |
| —                    | GASKET—Between Solenoid & Drive Hsg. -----                                       | 1952427  | 1108665; 72-5                     |
| —                    | GASKET—Shift Lever Segment -----                                                 | 1911635  | 1108671                           |
| —                    | OILER—C.E. -----                                                                 | 114998   | 1108661-2-7-8; 73-4               |
| 61                   | OILER—D.E. -----                                                                 | 114998   | 1108661-8; 73-4                   |
| 61                   | OILER—D.E. -----                                                                 | 1880642  | 1108667                           |
| 61                   | OILER—D.E. -----                                                                 | 1914958  | 1108662                           |
| —                    | Oil WICK—C.E. -----                                                              | 1919851  | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| 62                   | Oil WICK—D.E. -----                                                              | 1919851  | 1108661-2-7-8; 73-4               |
| 62                   | Oil WICK—D.E. -----                                                              | 1916439  | 1108665-6-9; 70-1-2-5             |
| —                    | PIN—Brush Holder Hinge -----                                                     | 817313   | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| —                    | PIN—Brush Holder Stop -----                                                      | 817314   | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| —                    | PIN (& Insulation)—Brush Holder Hinge -----                                      | 812016   | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| —                    | PIN (& Insulation)—Brush Holder Stop -----                                       | 812015   | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| 63                   | PIN—Cotter—Shift Lever -----                                                     | 112726   | 1108661-8; 71-3                   |
| —                    | PIN—Dowel—C.E. -----                                                             | 809062   | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| 66                   | PIN—Dowel—D.E. -----                                                             | 809593   | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| 65                   | PIN—Shift Lever -----                                                            | 1853305  | 1108661-8; 71-3                   |

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

## MINOR PARTS SECTION

| Illus.<br>No. | Name                                     | Part No. | Used on Models                    |
|---------------|------------------------------------------|----------|-----------------------------------|
|               | <b>MISCELLANEOUS—(Continued)</b>         |          |                                   |
| 66            | PIN—Shift Lever Attaching -----          | 455106   | 1108662-5-6-7; 70-2-5             |
| —             | PLUG—Expansion—C.E. -----                | 810819   | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| —             | PLUG—Pipe—C.E. -----                     | 453465   | 1108665-6-9; 70-2-5               |
| —             | PLUG—Pipe—D.E. -----                     | 453465   | 1108665-6-9; 70-1-2-5             |
| 68            | Pole SHOE -----                          | 1887021  | 1108661-2-5-6-7-8-9; 70-1-2-3-4-5 |
| —             | RING—Retainer—Pinion Stop -----          | 1928022  | 1108661-2-5-6-7-8; 70-1-2-3-5     |
| —             | SEAL—Oil—Center Bearing -----            | 1947538  | 1108666; 70                       |
| —             | SPACER—Link -----                        | 1927033  | 1108668; 73                       |
| —             | SPRING—Plunger Return -----              | 1932208  | 1108662-5-6-7; 70-2-5             |
| 69            | SUPPORT—Shift Lever Spring -----         | 1835998  | 1108661-8; 73                     |
| —             | SUPPORT—Shift Lever (Threaded) -----     | 1911637  | 1108671                           |
| —             | SUPPORT—Shift Lever (Not Threaded) ----- | 1911930  | 1108671                           |
| 70            | WOODRUFF KEY -----                       | 124546   | 1108669; 74                       |



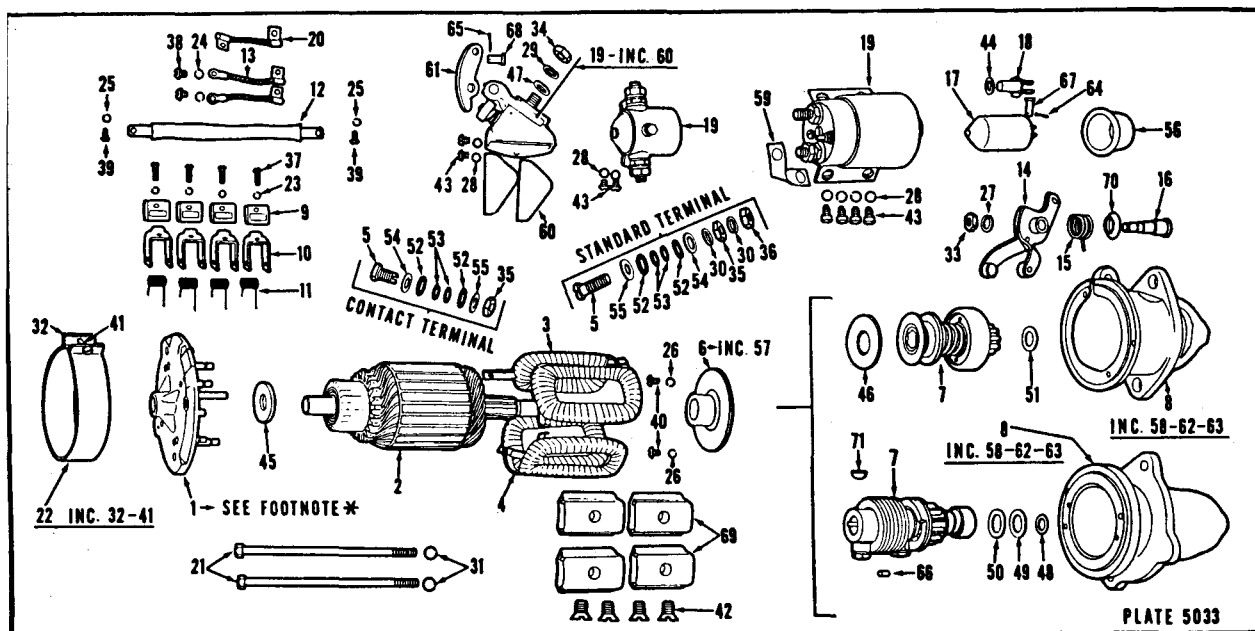
Illustrations are of Typical Parts only. For Parts not illustrated or in columns see Minor Parts Section.

| Model No.    | * Frame<br>— C.E. | Armature | Field Coil<br>— Upper | Field Coil<br>— Lower | Stud<br>— Terminal | Plate<br>— Center Bearing | Drive Assembly | Housing<br>— Drive | Brush  | Holder | Spring |
|--------------|-------------------|----------|-----------------------|-----------------------|--------------------|---------------------------|----------------|--------------------|--------|--------|--------|
|              | 1                 | 2        | 3                     | 4                     | 5                  | 6                         | 7              | 8                  | 9      | 10     | 11     |
| 1108676..... | 1908580           | 1917857  | 1840917               | 1840918               | 1913694            | 820149                    | *1862058       | 1868672            | 828448 | 810226 | 813521 |
| 1108677..... | "                 | 1847432  | 1838082               | 1838083               | 826938             | 1838667                   | °1859546       | 1872956            | "      | "      | "      |
| 1108678..... | 1864530           | "        | "                     | "                     | "                  | "                         | "              | "                  | "      | "      | "      |

\*C.E. Frame includes (where necessary) Brush Pins, Oiler, Wick, Dowel Pin, Expansion Plug and Bushing.

\*For parts see Motor Drive—Group 4.

°For parts see Motor Drive—Group 5.



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

| Model No.    | Lead — Brush Con-<br>nector | Lead — Brush Ground | Lever — Shift | Spring — Shift Lever | Stud — Shift Lever | Plunger and Link | Link and Screw | Switch | Lead — Brush to Field | Bolt — Thru | Band — Cover |
|--------------|-----------------------------|---------------------|---------------|----------------------|--------------------|------------------|----------------|--------|-----------------------|-------------|--------------|
|              | 12                          | 13                  | 14            | 15                   | 16                 | 17               | 18             | 19     | 20                    | 21          | 22           |
| 1108676..... | 813523                      | 813554              | 1901095       |                      | 1868003            |                  |                | 820052 | 811450                | 1932271     | 817114       |
| 1108677..... | "                           | "                   |               |                      |                    |                  |                | △1509  | "                     | "           | "            |
| 1108678..... | "                           | "                   |               |                      |                    |                  |                | △1450  | "                     | "           | "            |
|              |                             |                     |               |                      |                    |                  |                |        |                       |             |              |
|              |                             |                     |               |                      |                    |                  |                |        |                       |             |              |

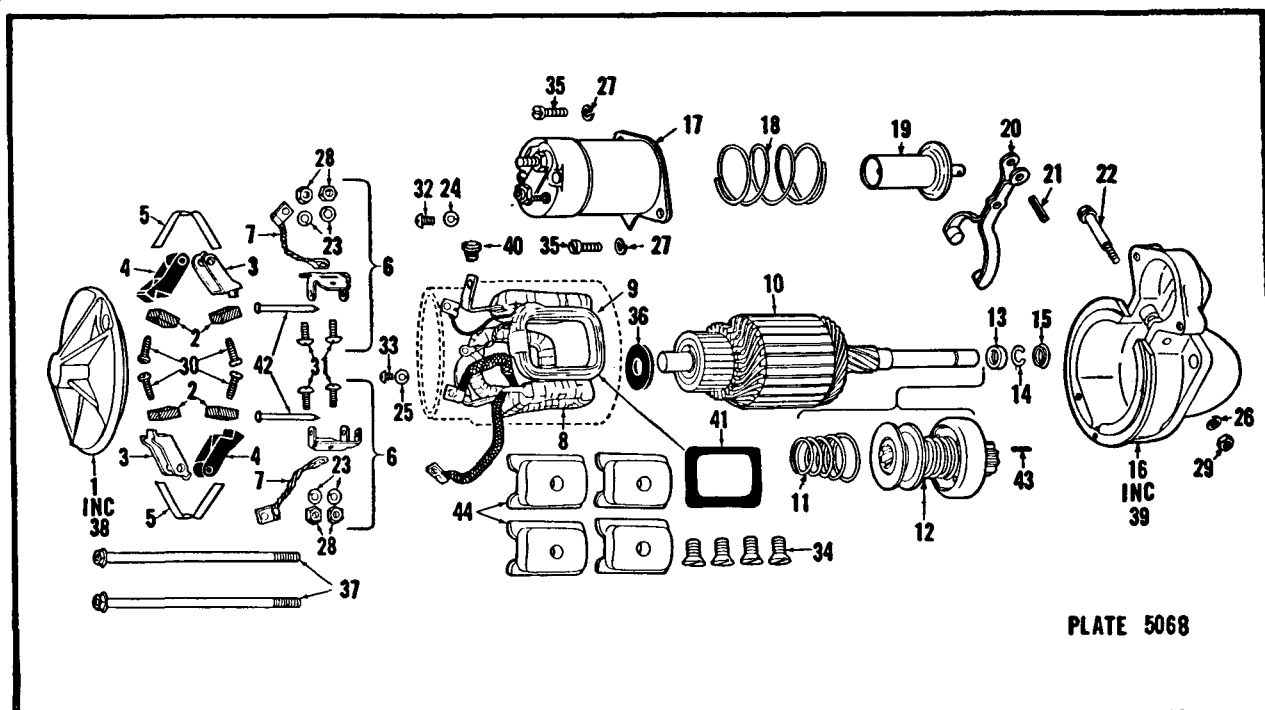
△For parts see Magnetic Switch—Group 4.

Revised to August 1, 1968

## SERVICE PARTS CATALOG

## MINOR PARTS SECTION

| Illus. No.           | Name                                            | Part No. | Used on Models |
|----------------------|-------------------------------------------------|----------|----------------|
| <b>LOCK WASHERS</b>  |                                                 |          |                |
| 23                   | Lock Washer—Brush Attaching Screw.....          | 456413   | All            |
| 24                   | Lock Washer—Brush Ground Lead Screw.....        | 453844   | All            |
| 25                   | Lock Washer—Brush Lead Screw—To Field Coil..... | 453435   | All            |
| 26                   | Lock Washer—Center Bearing Plate Screw.....     | 1962276  | All            |
| 27                   | Lock Washer—Shift Lever Stud.....               | 9421425  | 1108676        |
| 28                   | Lock Washer—Switch Attaching Screw.....         | 453425   | 1108676        |
| 28                   | Lock Washer—Switch Attaching Screw.....         | 9421423  | 1108677        |
| 29                   | Lock Washer—Switch Terminal.....                | 9421425  | 1108676        |
| 30                   | Lock Washer—Terminal Stud.....                  | 9421425  | All            |
| 31                   | Lock Washer—Thru Bolt.....                      | 9421423  | All            |
| <b>NUTS</b>          |                                                 |          |                |
| 33                   | Nut—Shift Lever Stud.....                       | 805258   | 1108676        |
| 34                   | Nut—Switch Terminal.....                        | 134566   | 1108676        |
| 35                   | Nut—Terminal Stud.....                          | 1835299  | 1108676        |
| 35-36                | Nut—Terminal Stud (1/4 thk.).....               | 805258   | 1108677-8      |
| <b>SCREWS</b>        |                                                 |          |                |
| 37                   | Screw—Brush Attaching.....                      | 454154   | All            |
| 38                   | Screw—Brush Ground Lead.....                    | 453647   | All            |
| 39                   | Screw—Brush Lead Attaching—To Field Coil.....   | 453463   | All            |
| 40                   | Screw—Center Bearing Attaching.....             | 453319   | All            |
| 42                   | Screw—Pole Shoe.....                            | 1913100  | All            |
| 43                   | Screw—Switch Attaching.....                     | 453463   | 1108676        |
| 43                   | Screw—Switch Attaching.....                     | 1917084  | 1108677-8      |
| <b>WASHERS</b>       |                                                 |          |                |
| 45                   | Washer—Space—C.E.....                           | 1914842  | All            |
| 46                   | Washer—Brake.....                               | 821453   | 1108676        |
| 50                   | Washer—Space—D.E.....                           | 1853917  | 1108677-8      |
| 52                   | Washer—Insulation—Terminal Stud (3/4 O.D.)..... | 1913959  | All            |
| 53                   | Washer—Insulation—Terminal Stud (1/8 O.D.)..... | 1913958  | All            |
| 54                   | Washer—Plain—Terminal Stud (Outside).....       | 812622   | 1108676-7      |
| 54                   | Washer—Plain—Terminal Stud (Outside).....       | 805790   | 1108678        |
| <b>MISCELLANEOUS</b> |                                                 |          |                |
| 57                   | BUSHING—Center Bearing.....                     | 820148   | 1108676        |
| 57                   | BUSHING—Center Bearing.....                     | 1838670  | 1108677-8      |
| 58                   | BUSHING—D.E.....                                | 1872678  | All            |
| 59                   | CONNECTOR—Switch.....                           | 1903905  | 1108678        |
| 60                   | INSULATOR—Switch side.....                      | 816911   | 1108676        |
| .....                | INSULATOR—Switch.....                           | 1850490  | 1108677        |
| .....                | OILER—C.E.....                                  | 114998   | All            |
| 62                   | OILER—D.E.....                                  | 1868788  | All            |
| .....                | Oil WICK—C.E.....                               | 1919851  | All            |
| 63                   | Oil WICK—D.E.....                               | 1919851  | 1108676-7-8    |
| .....                | PIN—Brush Holder Hinge.....                     | 817313   | All            |
| .....                | PIN—Brush Holder Stop.....                      | 817314   | All            |
| .....                | PIN & INSULATION—Brush Holder Hinge.....        | 812016   | All            |
| .....                | PIN & INSULATION—Brush Holder Stop.....         | 812015   | All            |
| .....                | PIN—Dowel—C.E.....                              | 809062   | All            |
| 66                   | PIN—Dowel—D.E.....                              | 809593   | All            |
| 69                   | SHOE—Pole.....                                  | 810601   | All            |
| .....                | PLUG—Expansion—C.E.....                         | 1865182  | 1108676-7      |
| .....                | PLUG—Expansion—C.E.....                         | 810819   | 1108678        |
| 71                   | Woodruff KEY.....                               | 124546   | 1108677-8      |



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

| Model        | Frame<br>C.E. | Brush    | Holder<br>Ground | Holder<br>Insul. | Spring<br>Brush | Support<br>Package | Lead<br>Ground | Field<br>Coil<br>Assembly | Coil<br>Shunt | Armature  | Spring<br>Assist |
|--------------|---------------|----------|------------------|------------------|-----------------|--------------------|----------------|---------------------------|---------------|-----------|------------------|
|              | <b>1</b>      | <b>2</b> | <b>3</b>         | <b>4</b>         | <b>5</b>        | <b>6</b>           | <b>7</b>       | <b>8</b>                  | <b>9</b>      | <b>10</b> | <b>11</b>        |
| 1108688..... | 1940385       | 1946434  | 1940477          | 1926618          | 1926622         | 1928015            | 1926605        | 1960853                   |               | 1960866   |                  |
| 1108691..... | "             | "        | "                | "                | "               | "                  | "              | 1956384                   |               | 1947296   |                  |
| 1108692..... | "             | 1946445  | "                | "                | "               | "                  | 1960864        | 1960853                   |               | 1960866   |                  |
| 1108693..... | "             | 1946434  | "                | "                | "               | "                  | "              | 1955951                   |               | 1950417   |                  |
| 1108694..... | "             | "        | "                | "                | "               | "                  | 1926605        | "                         |               | "         |                  |
| 1108696..... | "             | "        | "                | "                | "               | "                  | 1960864        | "                         |               | "         |                  |
| 1108697..... | "             | "        | "                | "                | "               | "                  | "              | "                         |               | "         |                  |
| 1108698..... | "             | 1946445  | "                | "                | "               | "                  | "              | 1960853                   |               | 1846614   |                  |
| 1108700..... | "             | 1946434  | "                | "                | "               | "                  | "              | 1955951                   |               | 1950417   |                  |
| 1109110..... | "             | 1946445  | "                | "                | "               | "                  | "              | 1960762                   |               | "         |                  |

# Delco-Remy SERVICE PARTS CATALOG

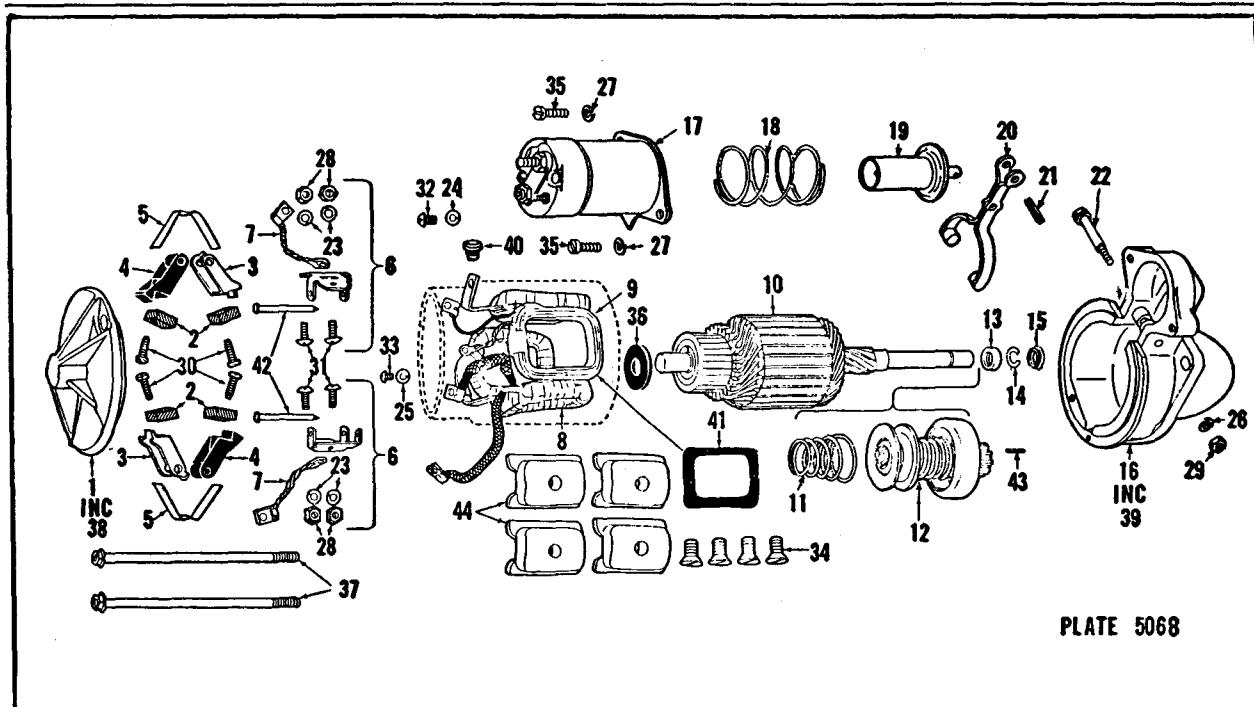


PLATE 5068

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

| Model        | Drive<br>Assembly | Collar<br>—<br>Stop | Ring<br>—<br>Retainer | Collar<br>—<br>Thrust | Housing<br>—<br>Drive | Switch    | Spring<br>—<br>Plunger | Plunger | Lever<br>—<br>Shift | Pin<br>—<br>Lever | Stud<br>—<br>Lever |
|--------------|-------------------|---------------------|-----------------------|-----------------------|-----------------------|-----------|------------------------|---------|---------------------|-------------------|--------------------|
|              | 12                | 13                  | 14                    | 15                    | 16                    | 17        | 18                     | 19      | 20                  | 21                | 22                 |
| 1108688..... | † 800026          | 1928021             | 1928022               | 1923023               | 1963976               | □ 1114356 | 1958679                | 1941113 | 1951567             | 455106            | 1932197            |
| 1108691..... | † 1851427         | "                   | "                     | "                     | 801079                | □ "       | "                      | "       | "                   | "                 | 1814529            |
| 1108692..... | † 1932890         | "                   | "                     | "                     | 1963976               | □ "       | "                      | "       | "                   | "                 | 1932197            |
| 1108693..... | † 1970026         | "                   | "                     | "                     | 1966232               | □ "       | "                      | "       | "                   | "                 | "                  |
| 1108694..... | † "               | "                   | "                     | "                     | 801883                | □ "       | "                      | "       | "                   | "                 | "                  |
| 1108696..... | † 1968355         | "                   | "                     | "                     | 1962932               | □ "       | "                      | "       | "                   | "                 | "                  |
| 1108697..... | † 1970026         | "                   | "                     | "                     | 1963976               | □ "       | "                      | "       | "                   | "                 | "                  |
| 1108698..... | † 1968131         | "                   | "                     | "                     | 1965225               | □ "       | "                      | "       | "                   | "                 | "                  |
| 1108700..... | † "               | "                   | "                     | "                     | 1851421               | □ "       | "                      | "       | "                   | "                 | 1814529            |
| 1109140..... | † 1932890         | "                   | "                     | "                     | 1962622               | * 1114373 | "                      | "       | "                   | "                 | 1932197            |

□ For Switch Components see Part No. of Switch on Equipment.

\* For Service parts see Switch—Group 103-D

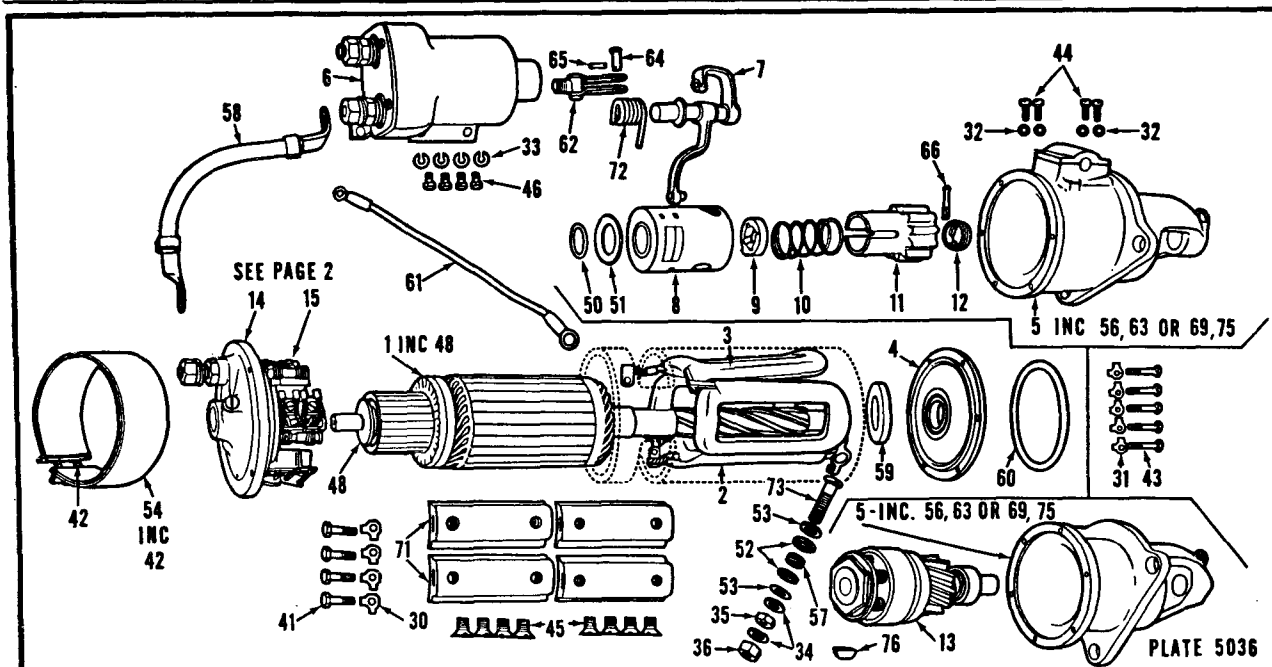
† For parts see Motor Drive—Group 4.

## 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                        |
|----------------------|------------------------------------------------|----------|---------------------------------------|
| <b>LOCK WASHERS</b>  |                                                |          |                                       |
| 23                   | Lock Washer—Brush Holder Support Screw.....    | 453435   | All                                   |
| 26                   | Lock Washer—Shift Lever Stud.....              | 9421424  | 1108688; 92-7-8; 1109140              |
| 26                   | Lock Washer—Shift Lever Stud.....              | 1970988  | 1108691; 700                          |
| —                    | Lock Washer—Center Bearing Attach. Screw.....  | 1962276  | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| —                    | Lock Washer—Connector Attaching.....           | 453435   | 1108688; 91-3-4-6-7-8; 700            |
| 27                   | Lock Washer—Switch Attaching Screw.....        | 9421423  | All                                   |
| <b>NUTS</b>          |                                                |          |                                       |
| 28                   | Nut—Brush Holder Support Screw.....            | 120361   | All                                   |
| 29                   | Nut—Shift Lever Stud.....                      | 1926640  | 1108688; 92-7-8; 1109140              |
| 29                   | Nut—Shift Lever Stud.....                      | 9428056  | 1108691-3-4-6; 700                    |
| <b>SCREWS</b>        |                                                |          |                                       |
| —                    | Screw—Center Bearing Attaching.....            | 1914580  | All                                   |
| —                    | Screw—Connector Attaching.....                 | 453468   | 1108688; 91-4-6-7-8 700               |
| —                    | Screw—Connector Attaching.....                 | 9427815  | 1108692-3; 1109140                    |
| 30                   | Screw—Ground Brush Attaching.....              | 274875   | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| 30                   | Screw—Insul. Brush Attaching.....              | 1959514  | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| 31                   | Screw—Brush Holder Support Attaching.....      | 274738   | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| 32                   | Screw—Field Lead Attaching—To Switch.....      | 9427815  | 1108688; 91-4-6-8; 700                |
| 34                   | Screw—Pole Shoe.....                           | 1968396  | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| 35                   | Screw—Switch Attaching.....                    | 132255   | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| <b>WASHERS</b>       |                                                |          |                                       |
| —                    | Washer—Brake—Between Center Bearing & Arm..... | 821453   | All                                   |
| 36                   | Washer—Brake—C.E.....                          | 1914842  | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| —                    | Washer—Sealing Lock—Shift Lever Stud.....      | 1970988  | 1108693-4-6                           |
| <b>MISCELLANEOUS</b> |                                                |          |                                       |
| 37                   | BOLT—Thru.....                                 | 1960908  | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| —                    | BOOT—Plunger.....                              | 1962601  | 1108693-4-6                           |
| —                    | BOOT—Plunger.....                              | 1970263  | 1108692                               |
| 38                   | BUSHING—C.E.....                               | 1872678  | 1108694                               |
| —                    | BUSHING—D.E.....                               | 1862383  | 1108688; 91-2-7-8; 700; 1109140       |
| —                    | BUSHING—Center Bearing.....                    | 1962606  | 1108693-4-6                           |
| —                    | BUSHING—Center Bearing 1/4" long.....          | 1938596  | 1108688; 91-2-7-8; 700; 1109140       |
| —                    | BUSHING—D.E.....                               | 1839345  | 1108693-4-6                           |
| —                    | CONNECTOR—Field.....                           | 1964954  | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| —                    | GASKET—Solenoid.....                           | 1952427  | 1108688; 91-7-8; 700; 1109140         |
| —                    | GASKET—Between Center Bearing & Housing.....   | 1962603  | 1108693-4-6                           |
| 40                   | GROMMET—In Field Frame.....                    | 1955946  | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| 42                   | PIN—Brush Holder.....                          | 1966923  | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| 43                   | PIN—Dowel—D.E.....                             | 809593   | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| —                    | PLATE CENTER BEARING.....                      | 820149   | 1108688; 91-2-7-8 700; 1109140        |
| —                    | PLATE—CENTER BEARING.....                      | 1962602  | 1108693-4-6                           |
| —                    | PLUG—Pipe—C.E.....                             | 9427882  | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| —                    | PLUG—Pipe—D.E.....                             | 9427882  | 1108688; 91-2-7-8; 700; 1109140       |
| —                    | SEAL—Center Bearing.....                       | 1937310  | 1108693-4-6                           |
| 44                   | SHOE—Pole.....                                 | 1887021  | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| —                    | WICK—C.E.....                                  | 1919851  | 1108688; 91-2-3-4-6-7-8; 700; 1109140 |
| —                    | WICK—D.E.....                                  | 1916439  | 1108688; 91-2-7-8; 700; 1109140       |

□ If bushing being replaced is 3/4" long, use 820148.



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

| Model No. | Arma-<br>ture | Field<br>Coil<br>—<br>L.H. | Field<br>Coil<br>—<br>R.H. | Plate<br>—<br>Center<br>Bearing | Housing<br>—<br>Drive | Switch   | Lever<br>—<br>Shift | Sleeve<br>—<br>Shift | Guide<br>—<br>Pinion | Spring<br>—<br>Meshing | Pinion  | Collar<br>—<br>Stop | Drive<br>Assem. |
|-----------|---------------|----------------------------|----------------------------|---------------------------------|-----------------------|----------|---------------------|----------------------|----------------------|------------------------|---------|---------------------|-----------------|
|           | 1             | 2                          | 3                          | 4                               | 5                     | 6        | 7                   | 8                    | 9                    | 10                     | 11      | 12                  | 13              |
| 1108701   | 1874826       | 1874823                    | 1874823                    | 1874837                         | 1874854               |          |                     |                      |                      |                        |         |                     | 1878532         |
| 1108702   | "             | "                          | "                          | "                               | 1877930               | †1423    |                     |                      |                      |                        |         |                     | "               |
| 1108703   | 1880888       | 1877955                    | 1877955                    | 1964714                         | 1877921               | 1118046  | 1864012             | 1857390              | 1857392              | 1906080                | 1857377 | *1872651            |                 |
| 1108704   | 1878400       | 1874823                    | 1874823                    | 1878402                         | 1878404               | "        | "                   | 1856831              | 1856840              | "                      | 1944859 | *1872650            |                 |
| 1108705   | "             | "                          | "                          | "                               | 1904975               | "        | "                   | "                    | "                    | "                      | 1944863 | x                   |                 |
| 1108706   | "             | "                          | "                          | "                               | 1919482               | "        | "                   | "                    | "                    | "                      | "       | x                   |                 |
| 1108707   | "             | "                          | "                          | "                               | 1878550               | "        | "                   | "                    | "                    | "                      | "       | x                   |                 |
| 1108708   | "             | "                          | "                          | "                               | 1878758               | "        | "                   | "                    | "                    | "                      | "       | x                   |                 |
| 1108709   | "             | "                          | "                          | "                               | 1928983               | "        | "                   | "                    | "                    | "                      | "       | x                   |                 |
| 1108710   | "             | "                          | "                          | "                               | "                     | "        | "                   | "                    | "                    | "                      | 1944859 | x                   |                 |
| 1108711   | 1880888       | 1877955                    | 1877955                    | "                               | 1878854               | "        | "                   | 1857390              | 1857392              | "                      | 1857377 | *1872651            |                 |
| 1108712   | "             | "                          | "                          | "                               | 1878819               | "        | "                   | "                    | "                    | "                      | "       | x                   |                 |
| 1108713   | 1874826       | "                          | "                          | 1874837                         | 1879235               |          |                     |                      |                      |                        |         |                     | 1879263         |
| 1108714   | 1878400       | 1874823                    | 1874823                    | 1878402                         | 1879430               | □407-C   | 1879436             | 1856831              | 1856840              | 1906080                | 1928985 | *1872650            |                 |
| 1108715   | "             | "                          | "                          | "                               | 1879757               | 1118046  | 1879759             | "                    | "                    | "                      | 1944863 | x                   |                 |
| 1108716   | 1880261       | "                          | "                          | "                               | 1880260               |          |                     |                      |                      |                        |         |                     |                 |
| 1108717   | "             | 1877955                    | 1877955                    | "                               | "                     |          |                     |                      |                      |                        |         |                     |                 |
| 1108718   | 1880888       | "                          | "                          | 1964714                         | 1877921               | 1118046  | 1864012             | 1857390              | 1857392              | 1906080                | 1923414 | *1872651            |                 |
| 1108719   | 1878400       | 1874823                    | 1874823                    | 1878402                         | 1881513               | "        | "                   | 1856831              | 1856840              | "                      | 1944859 | 1872650             |                 |
| 1108721   | "             | "                          | "                          | "                               | 1878758               | "        | "                   | "                    | "                    | "                      | 1907171 | "                   |                 |
| 1108722   | 1881766       | 1881762                    | 1881764                    | "                               | 1881769               |          |                     |                      |                      |                        |         |                     | 1881768         |
| 1108723   | 1878400       | 1874823                    | 1874823                    | "                               | 1919782               | 1118046  | 1864012             | 1856831              | 1856840              | 1906080                | 1944859 | 1872650             |                 |
| 1108724   | 1874826       | "                          | "                          | 1874837                         | 1874854               |          |                     |                      |                      |                        |         |                     | 1874855         |
| 1108725   | "             | 1881762                    | 1881764                    | "                               | 1877930               | *1118008 |                     |                      |                      |                        |         |                     | 1878532         |
| 1108726   | 1878400       | 1874823                    | 1874823                    | 1964714                         | 1883429               | 1118046  | 1864012             | 1856831              | 1856840              | 1906080                | 1944863 | 1872650             |                 |
| 1108727   | 1874826       | 1877955                    | 1877955                    | 1874837                         | 1874854               |          |                     |                      |                      |                        |         |                     | 1878532         |
| 1108728   | 1878400       | 1874823                    | 1874823                    | 1878402                         | 1904975               | 1118046  | 1864012             | 1856831              | 1856840              | 1906080                | 1907171 | 1872650             |                 |
| 1108730   | "             | "                          | "                          | 1964714                         | 1883429               | "        | "                   | "                    | "                    | "                      | "       | "                   |                 |

Includes Bushing—See Minor Parts. For parts see Switch—Group 105. For parts see Motor Drive—Group 9.

For parts see Switch—Group 2.

For parts see Switch—Group 2-A.

For parts see Switch—Group 103.

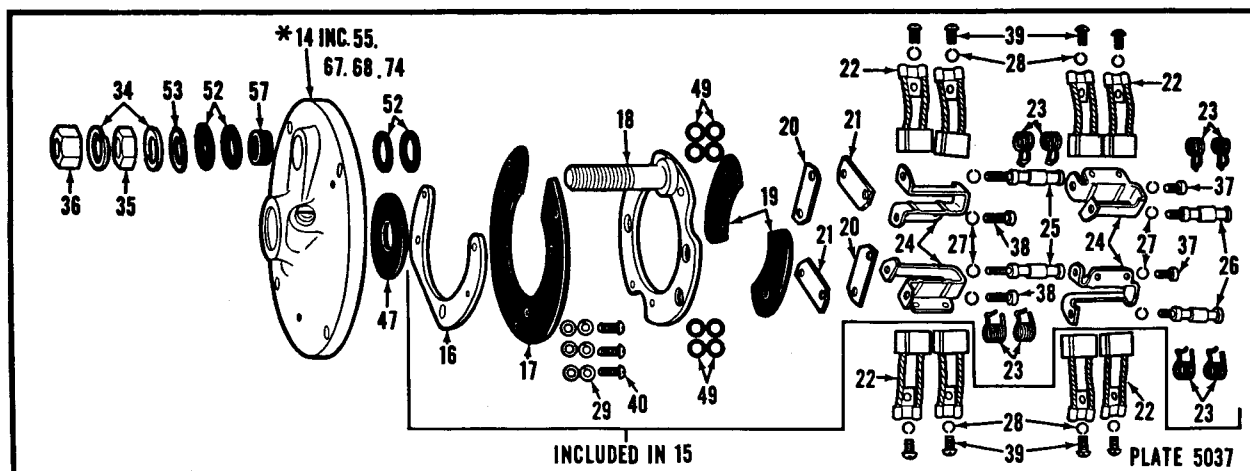
Earlier units with armature shaft not drilled used 1868193 Stop Collar and 1872936 Collar Screw.

Solenoid 1118026 was used on earlier models. For parts of either unit see Switch—Group 103.

Service by complete replacement only.

See footnote Group 59-A.

**Delco-Remy**  
SERVICE PARTS CATALOG



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

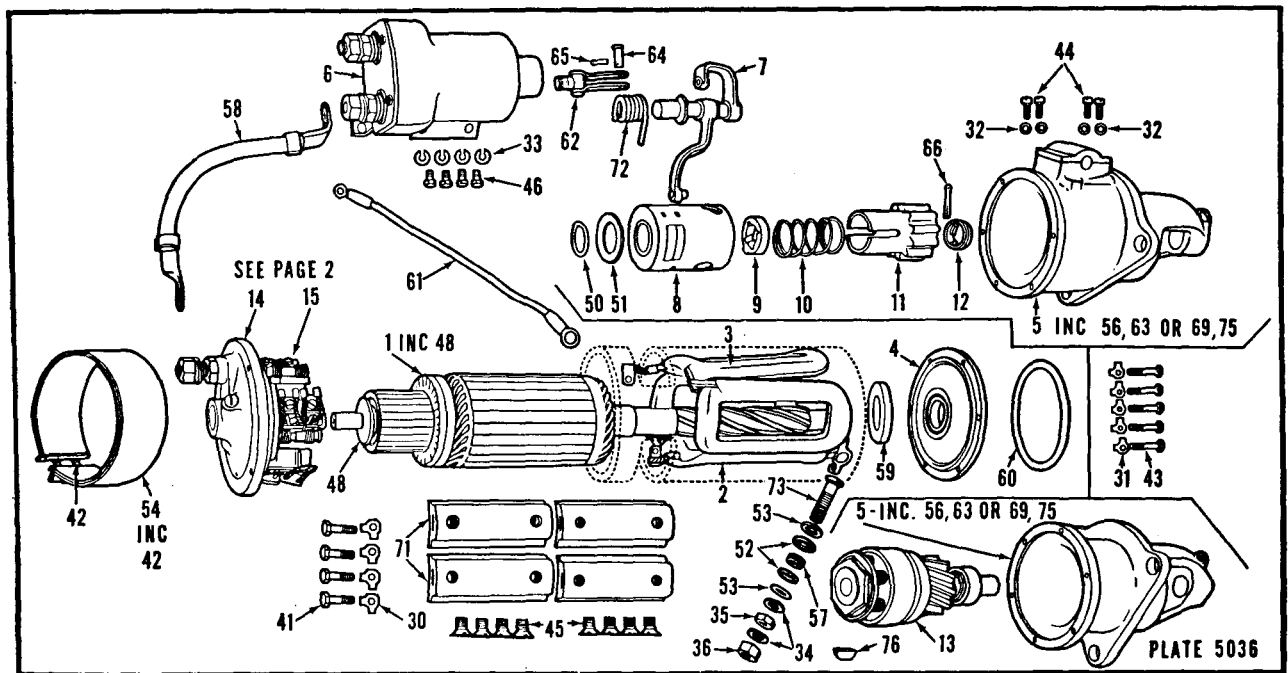
| Model No. | Frame — C.E. | Plate Assem. less Brushes | Plate — Support | Insulator — Brush Plate | Plate and Stud | Insulator — Brush Holder | Plate — Space — Insul. Holder | Plate — Space — Grd. Holder | Brush (8 req'd) | Spring — Brush | Holder — Brush | Screw — Insul. Holder | Screw — Grd. Holder |
|-----------|--------------|---------------------------|-----------------|-------------------------|----------------|--------------------------|-------------------------------|-----------------------------|-----------------|----------------|----------------|-----------------------|---------------------|
|           | 14           | 15                        | 16              | 17                      | 18             | 19                       | 20                            | 21                          | 22              | 23             | 24             | 25                    | 26                  |
| 1108701   | 1874842      | 1874999                   | 1874847         | 1909523                 | 1874844        | 1965093                  | 1874848                       | 1874851                     | 1874852         | 1861785        | 1874849        | 1861786               | 1861787             |
| 1108702   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108703   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108704   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108705   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108706   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108707   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108708   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108709   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108710   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108711   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108712   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108713   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108714   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108715   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108716   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108717   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108718   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108719   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108721   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108722   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108723   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108724   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108725   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108726   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108727   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108728   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108730   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
|           |              |                           |                 |                         |                |                          |                               |                             |                 |                |                |                       |                     |
|           |              |                           |                 |                         |                |                          |                               |                             |                 |                |                |                       |                     |

## MINOR PARTS SECTION

| Illus. No.          | Name                                                           | Part No. | Used on Models                                             |
|---------------------|----------------------------------------------------------------|----------|------------------------------------------------------------|
| <b>LOCK WASHERS</b> |                                                                |          |                                                            |
| —                   | Lock Washer—Ball Bearing Retainer Plate Screw.....             | 453435   | 1108716-17                                                 |
| 27                  | Lock Washer—Brush Holder Screw.....                            | 453435   | All                                                        |
| 28                  | Lock Washer—Brush Lead Screw.....                              | 453844   | All                                                        |
| 29                  | Lock Washer—Brush Plate Assembly Attaching Screw.....          | 453844   | All                                                        |
| 30                  | Lock Washer—C.E. Frame Screw.....                              | 9421423  | All                                                        |
| 31                  | Lock Washer—Drive Housing Screw.....                           | 9421423  | All                                                        |
| 32                  | Lock Washer—Drive Housing Cover Screw.....                     | 9421423  | 1108703-4-5-6-7-8-9; 10-11-12-14-15-18-19; 21-3-6-8; 30    |
| —                   | Lock Washer—Field Coil Ground Screw.....                       | 453844   | All                                                        |
| —                   | Lock Washer—Shift Lever Adjusting Screw.....                   | 9421424  | 1108714                                                    |
| 33                  | Lock Washer—Switch Attaching Screw.....                        | 9421423  | 1108702-3-4-5-6-7-8-9; 10-11-12-14-18-19; 21-3-5-6-8; 30   |
| 34                  | Lock Washer—Terminal Stud.....                                 | 9421427  | All                                                        |
| <b>NUTS</b>         |                                                                |          |                                                            |
| —                   | Nut—Shaft—D.E.....                                             | 122746   | 1108716-17                                                 |
| —                   | Nut—Shift Lever Adjusting Screw.....                           | 120368   | 1108714                                                    |
| 35                  | Nut—Terminal Stud ( $\frac{5}{16}$ thk.).....                  | 120238   | All                                                        |
| 36                  | Nut—Terminal Stud ( $\frac{1}{4}$ thk.).....                   | 120378   | All                                                        |
| <b>SCREWS</b>       |                                                                |          |                                                            |
| —                   | Screw—Ball Bearing Retainer Plate.....                         | 1905103  | 1108716-17                                                 |
| 37                  | Screw—Brush Holder—Grounded.....                               | 1914800  | All                                                        |
| 38                  | Screw—Brush Holder—Insul.....                                  | 1914642  | All                                                        |
| 39                  | Screw—Brush Lead Attaching.....                                | 453461   | All                                                        |
| 40                  | Screw—Brush Plate Assembly Attaching.....                      | 9417096  | All                                                        |
| 41                  | Screw—C.E. Frame Attaching.....                                | 1874858  | All                                                        |
| 42                  | Screw—Cover Band.....                                          | 453479   | 1108714                                                    |
| 43                  | Screw—Drive Housing Attaching.....                             | 1874857  | All except 1108716-17                                      |
| 43                  | Screw—D.E. Frame Attaching.....                                | 1866166  | 1108716-17                                                 |
| 44                  | Screw—Drive Housing Cover Attaching.....                       | 455576   | 1108703-4-5-6-7-8-9; 10-11-12-14-15-18-19; 21-3-6-8; 30    |
| —                   | Screw—Field Coil Ground.....                                   | 455957   | All                                                        |
| —                   | Screw—Pinion Stop Collar (Split collar only).....              | 1914642  | 1108703-4-5-6-7-8-9; 10-11-12-14-15-18                     |
| 45                  | Screw—Pole Shoe.....                                           | 1913100  | All                                                        |
| —                   | Screw—Shift Lever Adjusting.....                               | 1924734  | 1108714                                                    |
| 46                  | Screw—Switch Attaching.....                                    | 1930611  | 1108701-2-3-4-5-6-7-8-9; 10-11-12-15-18-19; 21-3-5-6-8; 30 |
| 46                  | Screw—Switch Attaching.....                                    | 120706   | 1108714                                                    |
| <b>WASHERS</b>      |                                                                |          |                                                            |
| 47                  | Washer—Brake—C.E. (Fibre).....                                 | 1858490  | 1108703-4-5-6-8-9; 10-11-12-14-15-18-19; 21-3-6-8; 30      |
| 48                  | Washer—Brake Shoe.....                                         | 1856819  | 1108703-4-5-6-7-8-9; 10-11-12-14-15-18-19; 21-3-6-8; 30    |
| 49                  | Washer—Brush Holder Screw—Insul.....                           | 1913080  | All                                                        |
| —                   | Washer—Brush Plate Assembly Attaching Screw Plain.....         | 810794   | All                                                        |
| —                   | Washer—C.E. Frame Attaching Screw Plain.....                   | 1904987  | All                                                        |
| —                   | Washer—Drive Housing Screw Plain.....                          | 1904987  | All except 1108716-17                                      |
| —                   | Washer—Field Lead Ground Screw Plain.....                      | 813731   | All                                                        |
| —                   | Washer—Shaft Nut—D.E.—Plain.....                               | 1938744  | 1108716-17                                                 |
| —                   | Washer—Space—Between Center Bearing & Drive.....               | 32070    | 1108722                                                    |
| 50                  | Washer—Space—Between Center Bearing & Shift Sleeve.....        | 1906089  | 1108703-4-5-6-7-8-9; 10-11-12-14-15-18-19; 21-3-6-8; 30    |
| 51                  | Washer—Space—Between Center Bearing & Shift Sleeve—Cupped..... | 1906090  | 1108703-4-5-6-7-8-9; 10-11-12-14-15-18-19; 21-3-6-8; 30    |
| —                   | Washer—Space—C.E.....                                          | 1914842  | 1108701-2; 13-16-17; 22-4-5-7                              |
| —                   | Washer—Space—D.E.....                                          | 1881771  | 1108722                                                    |
| —                   | Washer—Space—Shift Lever Link Assembly.....                    | 1905382  | 1108703-4-5-6-7-8-9; 10-11-12-15-18-19; 21-3-6             |
| 52                  | Washer—Terminal Stud—Insul.....                                | 1915531  | All                                                        |
| 53                  | Washer—Terminal Stud—Plain.....                                | 811912   | All                                                        |

## MINOR PARTS SECTION

| Illus. No.           | Name                                                          | Part No. | Used on Models                                             |
|----------------------|---------------------------------------------------------------|----------|------------------------------------------------------------|
| <b>MISCELLANEOUS</b> |                                                               |          |                                                            |
| —                    | Ball BEARING—D.E.....                                         | 954146   | 1108716-17                                                 |
| 54                   | BAND—Cover.....                                               | 1874839  | All except 1108714                                         |
| 54                   | BAND—Cover.....                                               | 1905002  | 1108714                                                    |
| 55                   | BUSHING—C.E.....                                              | 38273    | All                                                        |
| —                    | BUSHING—In Center Bearing.....                                | 1944677  | 1108701-2-13; 24-5-7                                       |
| —                    | BUSHING—In Center Bearing.....                                | 1921660  | 1108703-4-5-6-7-8-9; 10-11-12-14-15-18-19; 21-2-3-6-8; 30  |
| 56                   | BUSHING—D.E.....                                              | 826462   | 1108701-2; 13; 24-5-7                                      |
| 56                   | BUSHING—D.E.....                                              | 1856826  | 1108703-4-5-6-7-8-9; 10-11-12-14-15-18-19; 21-3-6-8; 30    |
| 56                   | BUSHING—D.E.....                                              | 1881770  | 1108722                                                    |
| 56                   | BUSHING—D.E.....                                              | 1938754  | 1108705                                                    |
| 57                   | BUSHING (Washer)—Terminal Stud.....                           | 1861792  | All                                                        |
| 58                   | CABLE.....                                                    | 2970848  | 1108702                                                    |
| 58                   | CABLE.....                                                    | 1924941  | 1108703-5-6-8-9; 10-18-19; 21-3-8                          |
| 58                   | CABLE.....                                                    | 1878403  | 1108704-7                                                  |
| 58                   | CABLE.....                                                    | 1878820  | 1108711-12; 26; 30                                         |
| 58                   | CABLE.....                                                    | 1879435  | 1108714                                                    |
| 58                   | CABLE.....                                                    | 1879758  | 1108715                                                    |
| 58                   | CABLE.....                                                    | 2970848  | 1108725                                                    |
| 59                   | COLLAR (or Washer) Between Armature & Center Bearing.....     | 1874856  | 1108701-2; 13; 24-5-7                                      |
| 59                   | COLLAR—Between Armature & Center Bearing.....                 | 1877963  | 1108703-4-5-6-7-8-9; 10-11-12-14-15-18-19; 21-2-3-6-8; 30  |
| —                    | COLLAR—Space—Inside—D.E.....                                  | 1853820  | 1108716-17                                                 |
| —                    | COLLAR—Space—Outside—D.E.....                                 | 1880265  | 1108716-17                                                 |
| —                    | COLLAR—Space—Shift Lever.....                                 | 1879766  | 1108715; 26                                                |
| —                    | INSULATOR—Field Coil (1 $\frac{1}{8}$ x1 $\frac{1}{4}$ )..... | 820171   | All                                                        |
| —                    | INSULATOR—Field Coil (1 $\frac{1}{8}$ x2).....                | 1868835  | All                                                        |
| —                    | INSULATOR—Field Coil (1 $\frac{1}{4}$ x8 $\frac{1}{2}$ )..... | 1863173  | 1108722-5                                                  |
| 62                   | LINK (& Screw)—Shift Lever.....                               | 1857824  | 1108703-4-5-6-7-8-9; 10-11-12-18-19; 21-3-6-8; 30          |
| 62                   | LINK (& Screw)—Shift Lever.....                               | 1857824  | 1108715                                                    |
| —                    | OILER—C.E.....                                                | 1880642  | All                                                        |
| —                    | OILER In Center Bearing.....                                  | 1880635  | All except 1108716-17                                      |
| 63                   | OILED—D.E.....                                                | 1880642  | All except 1108704-9; 10                                   |
| 63                   | OILED—D.E.....                                                | 1919852  | 1108709; 10                                                |
| 64                   | PIN—Shift Lever.....                                          | 1857826  | 1108703-4-5-6-7-8-9; 10-11-12-18-19; 21-3-6-8; 30          |
| 65                   | PIN—Cotter—Shift Lever.....                                   | 112726   | 1108703-4-5-6-7-8-9; 10-11-12-15-18-19; 21-3-6-8; 30       |
| 66                   | PIN—Cotter—Pinion Stop.....                                   | 1872652  | 1108703-4-5-6-7-8-9; 10-11-12-14-15-18-19; 21-3-6-8; 30    |
| —                    | PLATE—Ball Bearing Retainer.....                              | 1873750  | 1108716-17                                                 |
| 67                   | PLUG—Expansion—C.E.....                                       | 103893   | 1108703-4-5-6-7-8-9; 10-11-12-14-15-16-17-18; 22-3-6-8; 30 |
| 69                   | PLUG—Pipe—D.E.....                                            | 453465   | 1108704-5                                                  |
| 71                   | SHOE—Pole.....                                                | 1907482  | All                                                        |
| 72                   | SPRING—Shift Lever.....                                       | 1865131  | 1108703; 11-12-18                                          |
| 72                   | SPRING—Shift Lever.....                                       | 1864020  | 1108704-5-6-7-8-9; 10-14-19; 21-3-6-8; 30                  |
| 72                   | SPRING—Shift Lever.....                                       | 1879765  | 1108715                                                    |
| 73                   | STUD—Field Terminal.....                                      | 1861906  | 1108722-5                                                  |
| 74                   | WICK—Oil—C.E.....                                             | 1919851  | All                                                        |
| —                    | WICK—Oil—Center Bearing.....                                  | 804076   | All except 1108716-17                                      |
| 75                   | WICK—Oil—D.E.....                                             | 1919851  | All except 1108704-9; 10                                   |
| 75                   | WICK—Oil—D.E.....                                             | 1916439  | 1108704-5-9; 10                                            |
| 76                   | Woodruff KEY.....                                             | 124546   | 1108713; 24-5-7                                            |



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

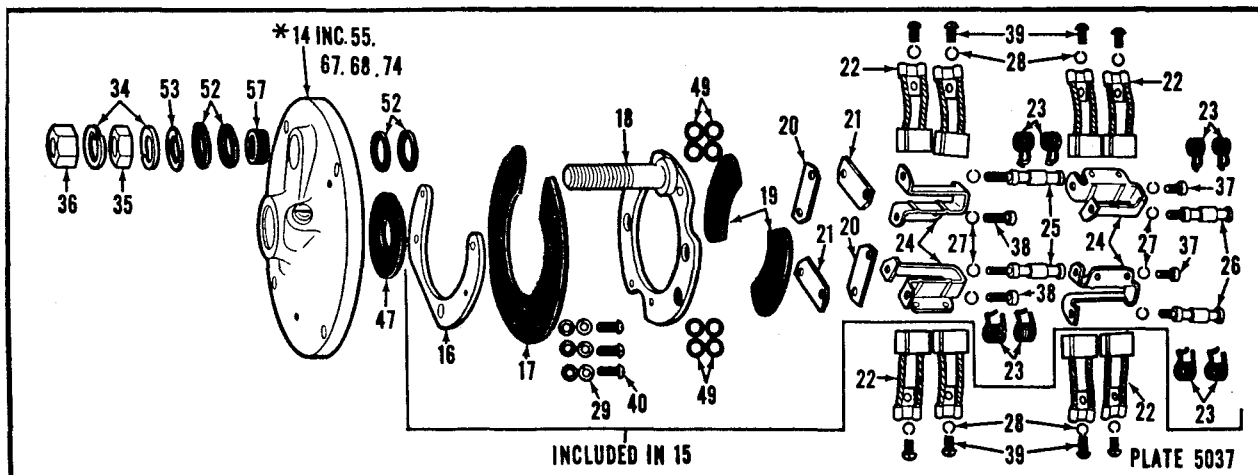
| Model No. | Arma-<br>ture | △Field<br>Coil<br>—<br>L.H. | △Field<br>Coil<br>—<br>R.H. | ■<br>Plate<br>—<br>Center<br>Bearing | Housing<br>—<br>Drive | Switch   | Lever<br>—<br>Shift | Sleeve<br>—<br>Shift | Guide<br>—<br>Pinion | Spring<br>—<br>Meshing | Pinion  | Collar<br>—<br>Stop | Drive<br>Assem. |
|-----------|---------------|-----------------------------|-----------------------------|--------------------------------------|-----------------------|----------|---------------------|----------------------|----------------------|------------------------|---------|---------------------|-----------------|
|           | 1             | 2                           | 3                           | 4                                    | 5                     | 6        | 7                   | 8                    | 9                    | 10                     | 11      | 12                  | 13              |
| 1108731   | 1906005       | 1874823                     | 1874823                     | 1906319                              | 1906318               |          |                     |                      |                      |                        |         |                     | *1905012        |
| 1108732   | 1904976       | "                           | "                           | 1906199                              | 1904975               | 1119952  | 1905498             | 1906082              | 1906081              | 1906080                | 1906079 | 1872650             |                 |
| 1108733   | 1905058       | 1877955                     | 1877955                     | "                                    | 1905057               | "        | "                   | 1906150              | 1906149              | "                      | 1922761 | 1872651             |                 |
| 1108735   | 1880888       | "                           | "                           | 1964714                              | 1877921               | †1119851 | 1864012             | 1857390              | 1857392              | "                      | "       | "                   |                 |
| 1108736   | 1878400       | 1874823                     | 1874823                     | 1878402                              | "                     | "        | "                   | 1856831              | 1906081              | "                      | 1928985 | 1872650             |                 |
| 1108737   | "             | "                           | "                           | 1964714                              | 1883429               | †1118095 | "                   | "                    | "                    | "                      | "       | "                   |                 |
| 1108738   | 1904976       | "                           | "                           | 1906199                              | 1918658               | 1996470  | 1907169             | 1906032              | "                    | "                      | "       | "                   |                 |
| 1108739   | 1880888       | 1877955                     | 1877955                     | 1964714                              | 1883429               | †1118095 | 1864012             | 1907636              | 1857392              | "                      | 1922761 | 1872651             |                 |
| 1108740   | "             | "                           | "                           | 1878402                              | 1878832               | 1119851  | "                   | "                    | "                    | "                      | "       | "                   |                 |

■Includes Bushing, Oiler and Wick; see Minor Parts.

†For parts see Switch—Group 101-A.

\*For parts see Motor Drive—Group 1-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. | Frame — C.E. | Plate Assem. less Brushes | Plate — Support | Insulator — Brush Plate | Plate and Stud | Insulator — Brush Holder | Plate — Space — Insul. Holder | Plate — Space — Grd. Holder | Brush (8 req'd) | Spring — Brush | Holder — Brush | Screw — Insul. Holder | Screw — Grd. Holder |
|-----------|--------------|---------------------------|-----------------|-------------------------|----------------|--------------------------|-------------------------------|-----------------------------|-----------------|----------------|----------------|-----------------------|---------------------|
|           | 14           | 15                        | 16              | 17                      | 18             | 19                       | 20                            | 21                          | 22              | 23             | 24             | 25                    | 26                  |
| 1108731   | 1906196      | 1905001                   | 1874847         | 1909523                 | 1874844        | 1965093                  | 1874848                       | 1874851                     | 1904984         | 1904981        | 1904980        | 1904982               | 1904983             |
| 1108732   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108733   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108735   | 1874842      | 1874999                   | "               | "                       | "              | "                        | "                             | "                           | 1874852         | 1861785        | 1874849        | 1861786               | 1861787             |
| 1108736   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108737   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |
| 1108738   | 1906196      | 1905001                   | "               | "                       | "              | "                        | "                             | "                           | 1904984         | 1904981        | 1904980        | 1904982               | 1904983             |
| 1108739   | 1874842      | 1874999                   | "               | "                       | "              | "                        | "                             | "                           | 1874852         | 1861785        | 1874849        | 1861786               | 1861787             |
| 1108740   | "            | "                         | "               | "                       | "              | "                        | "                             | "                           | "               | "              | "              | "                     | "                   |

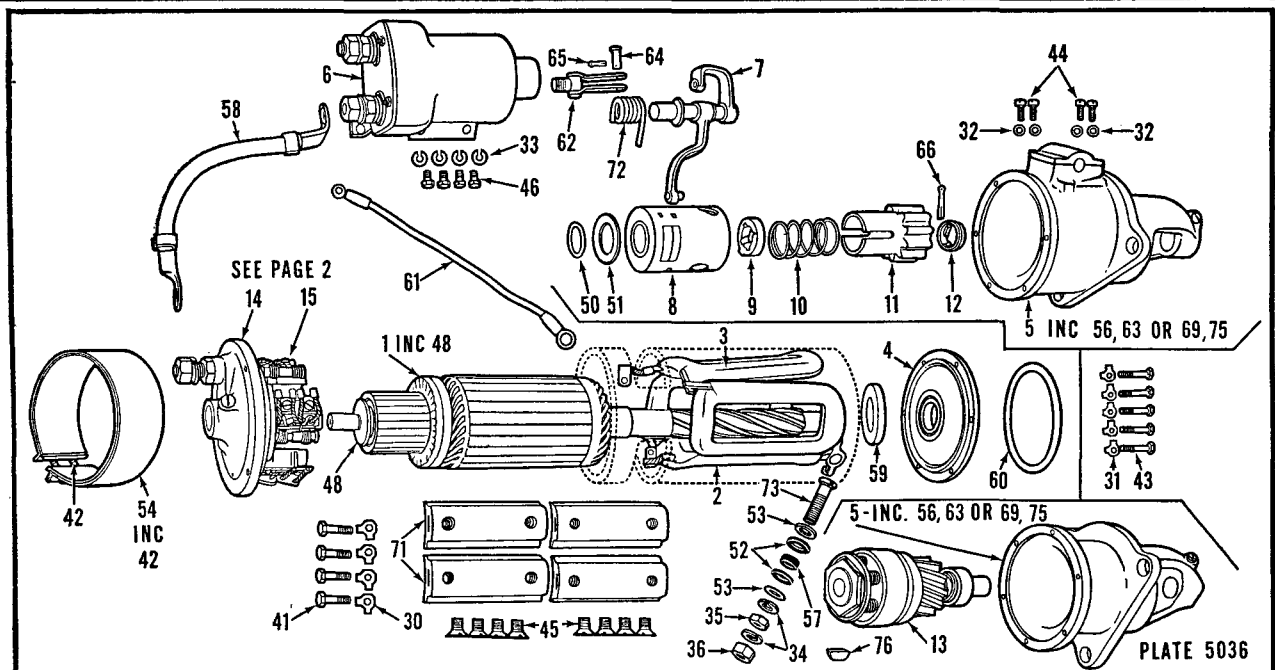
## MINOR PARTS SECTION

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 sections for dimensions and description.

| Illus. No.          | Name                                                           | Part No. | Used on Models            |
|---------------------|----------------------------------------------------------------|----------|---------------------------|
| <b>LOCK WASHERS</b> |                                                                |          |                           |
| 27                  | Lock Washer—Brush Holder Screw.....                            | 453435   | 1108731-2-3-5-6-7-8-9; 40 |
| 28                  | Lock Washer—Brush Lead Screw.....                              | 453844   | 1108731-2-3-5-6-7-8-9; 40 |
| 29                  | Lock Washer—Brush Plate Assembly Screw.....                    | 453844   | 1108731-2-3-5-6-7-8-9; 40 |
| 30                  | Lock Washer—C.E. Frame Screw.....                              | 9421423  | 1108731-2-3-5-6-7-8-9; 40 |
| 31                  | Lock Washer—Drive Housing Screw.....                           | 9421423  | 1108731-2-3-5-6-7-8-9; 40 |
| 32                  | Lock Washer—Drive Housing Cover Screw.....                     | 1904990  | 1108732-3-8               |
| 32                  | Lock Washer—Drive Housing Cover Screw.....                     | 9421423  | 1108735-6-7-9; 40         |
| ....                | Lock Washer—Field Coil Ground Screw.....                       | 453435   | 1108731-2-3-8             |
| ....                | Lock Washer—Field Coil Ground Screw.....                       | 453844   | 1108735-6-7-9; 40         |
| ....                | Lock Washer—Shift Lever Adjusting Screw.....                   | 9421424  | 1108738                   |
| 33                  | Lock Washer—Switch Attaching Screw.....                        | 1902782  | 1108732-3                 |
| 33                  | Lock Washer—Switch Attaching Screw.....                        | 9421423  | 1108735-6-7-8-9; 40       |
| 34                  | Lock Washer—Terminal Stud.....                                 | 9421427  | 1108731-2-3-5-6-7-8-9; 40 |
| <b>NUTS</b>         |                                                                |          |                           |
| ....                | Nut—Shift Lever Adjusting Screw.....                           | 1907204  | 1108738                   |
| 35                  | Nut—Terminal Stud ( $\frac{1}{8}$ thk.).....                   | 453287   | 1108731-2-3-8             |
| 35                  | Nut—Terminal Stud ( $\frac{1}{8}$ thk.).....                   | 120238   | 1108735-6-7-9; 40         |
| 36                  | Nut—Terminal Stud ( $\frac{1}{8}$ thk.).....                   | 453285   | 1108731-2-3-8             |
| 36                  | Nut—Terminal Stud ( $\frac{1}{8}$ thk.).....                   | 120378   | 1108735-6-7-9; 40         |
| <b>SCREWS</b>       |                                                                |          |                           |
| 37                  | Screw—Brush Holder—Grounded.....                               | 1914800  | 1108731-2-3-5-6-7-8-9; 40 |
| 38                  | Screw—Brush Holder—Insulated.....                              | 1901423  | 1108731-2-3-8             |
| 38                  | Screw—Brush Holder—Insulated.....                              | 1914642  | 1108735-6-7-9; 40         |
| 39                  | Screw—Brush Lead Attaching.....                                | 453461   | 1108731-2-3-5-6-7-8-9; 40 |
| 40                  | Screw—Brush Plate Assembly Attaching.....                      | 1904993  | 1108731-2-3-8             |
| 40                  | Screw—Brush Plate Assembly Attaching.....                      | 9417096  | 1108735-6-7-9; 40         |
| 41                  | Screw—C.E. Frame Attaching.....                                | 1874858  | 1108731-2-3-5-6-8-9; 40   |
| 42                  | Screw—Cover Band.....                                          | 132926   | 1108731-2-3-8             |
| 43                  | Screw—Drive Housing Attaching.....                             | 1874857  | 1108731-2-3-5-6-7-8-9; 40 |
| 44                  | Screw—Drive Housing Cover Attaching.....                       | 1902910  | 1108732-3                 |
| 44                  | Screw—Drive Housing Cover Attaching.....                       | 455576   | 1108735-6-7-8-9; 40       |
| ....                | Screw—Field Coil Ground.....                                   | 178451   | 1108731-2-3-8             |
| ....                | Screw—Field Coil Ground.....                                   | 455957   | 1108735-6-7-9; 40         |
| 45                  | Screw—Pole Shoe.....                                           | 1913100  | 1108731-2-3-5-6-7-8-9; 40 |
| ....                | Screw—Shift Lever Adjusting.....                               | 1924734  | 1108738                   |
| 46                  | Screw—Switch Attaching.....                                    | 1930611  | 1108732-3-5-6-7-9; 40     |
| 46                  | Screw—Switch Attaching.....                                    | 1907202  | 1108738                   |
| <b>WASHERS</b>      |                                                                |          |                           |
| 47                  | Washer—Brake—C.E. (Fibre).....                                 | 1858490  | 1108732-3-5-6-7-8-9; 40   |
| 48                  | Washer—Brake Shoe.....                                         | 1905133  | 1108732-3-8               |
| 48                  | Washer—Brake Shoe.....                                         | 1856819  | 1108735-6-7-9; 40         |
| ....                | Washer—Brush Plate Assembly Screw—Plain.....                   | 810794   | 1108731-2-3-5-6-7-8-9; 40 |
| 49                  | Washer—Brush Holder Screw—Insul. (Bushing).....                | 1913080  | 1108731-2-3-5-6-7-8-9; 40 |
| ....                | Washer—C.E. Frame Attaching Screw—Plain.....                   | 1904987  | 1108731-2-3-5-6-7-8-9; 40 |
| ....                | Washer—D.E. Frame Attaching Screw—Plain.....                   | 1904987  | 1108731-2-3-5-6-7-8-9; 40 |
| ....                | Washer—Field Coil Ground Screw.....                            | 1856056  | 1108731-2-3-8             |
| ....                | Washer—Field Coil Ground Screw.....                            | 1914476  | 1108735-6-7-9; 40         |
| ....                | Washer—Space—Between Armature & Center Bearing.....            | 1905050  | 1108731                   |
| 50                  | Washer—Space—Between Center Bearing & Shift Sleeve.....        | 1906089  | 1108732-3-5-6-7-8-9; 40   |
| 51                  | Washer—Space—Between Center Bearing & Shift Sleeve—Cupped..... | 1906090  | 1108732-3-5-6-7-8-9; 40   |
| ....                | Washer—Space—C.E.....                                          | 1905014  | 1108731                   |
| 52                  | Washer—Terminal Stud—Insul. ( $\frac{7}{8}$ O.D.).....         | 1861791  | 1108731-2-3-5-6-7-8-9; 40 |
| ....                | Washer—Terminal Stud—Insul. ( $1\frac{1}{8}$ O.D.).....        | 1905142  | 1108731-2-3-8             |
| 53                  | Washer—Terminal Stud—Plain.....                                | 811912   | 1108731-2-3-5-6-7-8-9; 40 |

# MINOR PARTS SECTION

| Illus.<br>No.        | Name                                                            | Part No. | Used on Models            |
|----------------------|-----------------------------------------------------------------|----------|---------------------------|
| <b>MISCELLANEOUS</b> |                                                                 |          |                           |
| 54                   | BAND—Cover.....                                                 | 1905002  | 1108731-2-3-8             |
| 54                   | BAND—Cover.....                                                 | 1874839  | 1108735-6-7-9; 40         |
| 55                   | BUSHING—C.E.....                                                | 38273    | 1108731-2-3-5-6-7-8-9; 40 |
| ---                  | BUSHING—In Center Bearing.....                                  | 1944677  | 1108731                   |
| ---                  | BUSHING—In Center Bearing.....                                  | 1921660  | 1108732-3-5-6-7-8-9; 40   |
| 56                   | BUSHING—D.E.....                                                | 826462   | 1108731                   |
| 56                   | BUSHING—D.E.....                                                | 1856826  | 1108733-5-6-7-8-9; 40     |
| 56                   | BUSHING—D.E.....                                                | 1938754  | 1108732                   |
| 57                   | BUSHING—Insul. Terminal Stud.....                               | 1905141  | 1108731-2-3-8             |
| 57                   | BUSHING (Washer)—Insul. Terminal Stud.....                      | 1861792  | 1108735-6-7-9; 40         |
| 58                   | CABLE.....                                                      | 1924941  | 1108732-3                 |
| 58                   | CABLE.....                                                      | 1909848  | 1108735-6-7-9; 40         |
| 58                   | CABLE.....                                                      | 1879435  | 1108738                   |
| ---                  | CLIP—Terminal—For Battery Cable.....                            | 200223   | 1108736-7-9; 40           |
| 59                   | COLLAR—Between Armature & Center Bearing.....                   | 1905632  | 1108732-3-8               |
| 59                   | COLLAR—Between Armature & Center Bearing.....                   | 1877963  | 1108735-6-7-9; 40         |
| ---                  | INSULATOR—Field Coil (1 $\frac{1}{4}$ "x1 $\frac{1}{4}$ ")..... | 820171   | 1108731-2-3-5-6-7-8-9; 40 |
| ---                  | INSULATOR—Field Coil (Triangle).....                            | 1868810  | 1108731-3-8               |
| ---                  | INSULATOR—Field Coil (1 $\frac{1}{4}$ "x2").....                | 1868835  | 1108732-5-9; 40           |
| 62                   | LINK (& Screw)—Shift Lever.....                                 | 1905018  | 1108732-3                 |
| 62                   | LINK (& Screw)—Shift Lever.....                                 | 1857824  | 1108735-6-7-9; 40         |
| ---                  | OILER—C.E.....                                                  | 1880642  | 1108731-2-3-5-6-7-8-9; 40 |
| ---                  | OILER—In Center Bearing.....                                    | 1880635  | 1108731-2-3-5-6-7-8-9; 40 |
| 63                   | OILER—D.E.....                                                  | 1880642  | 1108731-3-5-6-7-8-9; 40   |
| 64                   | PIN—Shift Lever.....                                            | 1905030  | 1108732-3                 |
| 64                   | PIN—Shift Lever.....                                            | 1857826  | 1108735-6-7-9; 40         |
| 65                   | PIN—Cotter—Shift Lever.....                                     | 1905024  | 1108732-3                 |
| 65                   | PIN—Cotter—Shift Lever.....                                     | 112726   | 1108735-6-7-9; 40         |
| 66                   | PIN—Cotter—Pinion Stop.....                                     | 1904992  | 1108732-3-8               |
| 66                   | PIN—Cotter—Pinion Stop.....                                     | 454490   | 1108735-6-7-9; 40         |
| 67                   | PLUG—Expansion—C.E.....                                         | 103893   | 1108732-3-5-6-7-8-9; 40   |
| 69                   | PLUG—Pipe—D.E.....                                              | 118831   | 1108732                   |
| 71                   | SHOE—Pole.....                                                  | 1905988  | 1108731-2-3-8             |
| 71                   | SHOE—Pole.....                                                  | 1907482  | 1108735-6-7-9; 40         |
| 72                   | SPRING—Shift Lever.....                                         | 1905025  | 1108732-8                 |
| 72                   | SPRING—Shift Lever.....                                         | 1906134  | 1108733                   |
| 72                   | SPRING—Shift Lever.....                                         | 1865131  | 1108735                   |
| 72                   | SPRING—Shift Lever.....                                         | 1864020  | 1108736-7-9; 40           |
| 74                   | WICK—Oil—C.E.....                                               | 1919851  | 1108731-2-3-5-6-7-8-9; 40 |
| ---                  | WICK—Oil—Center Bearing.....                                    | 804076   | 1108731-2-3-5-6-7-8-9; 40 |
| 75                   | WICK—Oil—D.E.....                                               | 1919851  | 1108731-2-3-5-6-7-8-9; 40 |
| 76                   | Woodruff KEY.....                                               | 124546   | 1108731                   |



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

| Model No. | Arma-<br>ture | aField<br>Coil<br>—<br>L.H. | aField<br>Coil<br>—<br>R.H. | †Plate<br>—<br>Center<br>Bearing | Housing<br>—<br>Drive | Switch   | Lever<br>—<br>Shift | Sleeve<br>—<br>Shift | Guide<br>—<br>Pinion | Spring<br>—<br>Meshing | Pinion<br>— | Collar<br>—<br>Stop | Drive<br>—<br>Assem. |
|-----------|---------------|-----------------------------|-----------------------------|----------------------------------|-----------------------|----------|---------------------|----------------------|----------------------|------------------------|-------------|---------------------|----------------------|
|           | 1             | 2                           | 3                           | 4                                | 5                     | 6        | 7                   | 8                    | 9                    | 10                     | 11          | 12                  | 13                   |
| 1108801   | 1929292       | 1911217                     | 1911221                     | 1909496                          | 1909513               | †1118095 | 1864012             | 1906082              | 1906081              | 1906080                | 1928985     | x                   | -----                |
| 1108802   | "             | "                           | "                           | "                                | 1909579               | †1119581 | "                   | "                    | "                    | "                      | "           | "                   | -----                |
| 1108803   | 1920387       | 1912445                     | 1912445                     | "                                | 1909513               | †1118095 | "                   | 1907636              | 1906149              | "                      | 1922761     | xx                  | -----                |
| 1108804   | "             | "                           | "                           | "                                | 1909579               | †1119851 | "                   | "                    | "                    | "                      | "           | xx                  | -----                |
| 1108805   | 1909597       | 1911217                     | 1911221                     | 1909603                          | 1909601               | "        | "                   | "                    | "                    | "                      | "           | "                   | ▲1933505             |
| 1108806   | "             | 1912445                     | 1912445                     | "                                | "                     | "        | "                   | "                    | "                    | "                      | "           | "                   | ▲1910402             |
| 1108807   | 1920387       | 1885345                     | 1885345                     | 1909496                          | 1909579               | †1119851 | 1864012             | 1907636              | 1906149              | 1906080                | 1922761     | xx                  | -----                |
| 1108808   | 1910905       | 1911217                     | 1911221                     | 1910911                          | 1910904               | "        | "                   | "                    | "                    | "                      | "           | "                   | *1927104             |
| 1108809   | "             | "                           | "                           | "                                | 1911082               | "        | "                   | "                    | "                    | "                      | "           | "                   | -----                |
| 1108810   | "             | "                           | "                           | "                                | "                     | "        | "                   | "                    | "                    | "                      | "           | "                   | *1883489             |
| 1108811   | 1929292       | 1885306                     | 1885306                     | 1932529                          | 1879430               | * 407-C  | 1879436             | 1906082              | 1906081              | 1906080                | 1928985     | x                   | -----                |
| 1108812   | "             | "                           | "                           | "                                | 1878404               | †1118095 | 1864012             | "                    | "                    | "                      | 1944859     | x                   | -----                |
| 1108813   | 1885699       | "                           | "                           | 1910911                          | 1911445               | "        | "                   | "                    | "                    | "                      | "           | "                   | *1878532             |
| 1108814   | 1912137       | 1911217                     | 1911221                     | 1912110                          | 1912110               | "        | "                   | "                    | "                    | "                      | "           | "                   | *1916379             |
| 1108815   | 1912600       | 1885306                     | 1885306                     | 1937113                          | 1885530               | †1119851 | 1864012             | 1906082              | 1906081              | 1906080                | 1944859     | x                   | -----                |
| 1108816   | 1929292       | "                           | "                           | 1932529                          | 1912997               | "        | "                   | "                    | "                    | "                      | 1928985     | x                   | -----                |
| 1108817   | 1909597       | 1911217                     | 1911221                     | 1909603                          | 1909601               | "        | "                   | "                    | "                    | "                      | "           | "                   | ▲1933505             |
| 1108818   | 1885699       | "                           | "                           | 1910911                          | 1911445               | "        | "                   | "                    | "                    | "                      | "           | "                   | *1912396             |
| 1108819   | 1929292       | 1885306                     | 1885306                     | 1909603                          | 1928983               | †1119851 | 1864012             | 1906082              | 1906081              | 1906080                | 1928985     | x                   | -----                |
| 1108820   | 1885699       | 1911217                     | 1911221                     | 1910911                          | 1911445               | "        | "                   | "                    | "                    | "                      | "           | "                   | *1878532             |
| 1108821   | 1910905       | 1911237                     | 1911240                     | "                                | 1911082               | "        | "                   | "                    | "                    | "                      | "           | "                   | *1917284             |
| 1108822   | 1918310       | 1885306                     | 1885306                     | 1918048                          | 1918044               | †1119851 | 1914253             | "                    | "                    | "                      | "           | "                   | ○                    |
| 1108823   | 1929292       | "                           | "                           | 1909603                          | 1910932               | 1118095  | 1864012             | 1906082              | 1906081              | 1906080                | 1944859     | x                   | -----                |
| 1108826   | "             | "                           | "                           | 1909496                          | 1919782               | 1118095  | "                   | "                    | "                    | "                      | 1928985     | x                   | -----                |
| 1108827   | 1921580       | 1885345                     | 1885345                     | 1919849                          | 1909579               | †1119851 | "                   | 1907636              | 1922703              | "                      | 1922761     | 1916224             | -----                |
| 1108828   | "             | "                           | "                           | "                                | "                     | "        | "                   | "                    | 1906149              | "                      | 1922761     | "                   | -----                |

\*For parts see Motor Drive—Group 1.

†For parts see Motor Drive—Group 1-A.

‡For parts see Switch—Group 101-A.

\*For parts see Starting Switch—Group 105.

▲Service by complete replacement, except head screw 1921412.

‡Includes Oil Seal (70) when necessary.

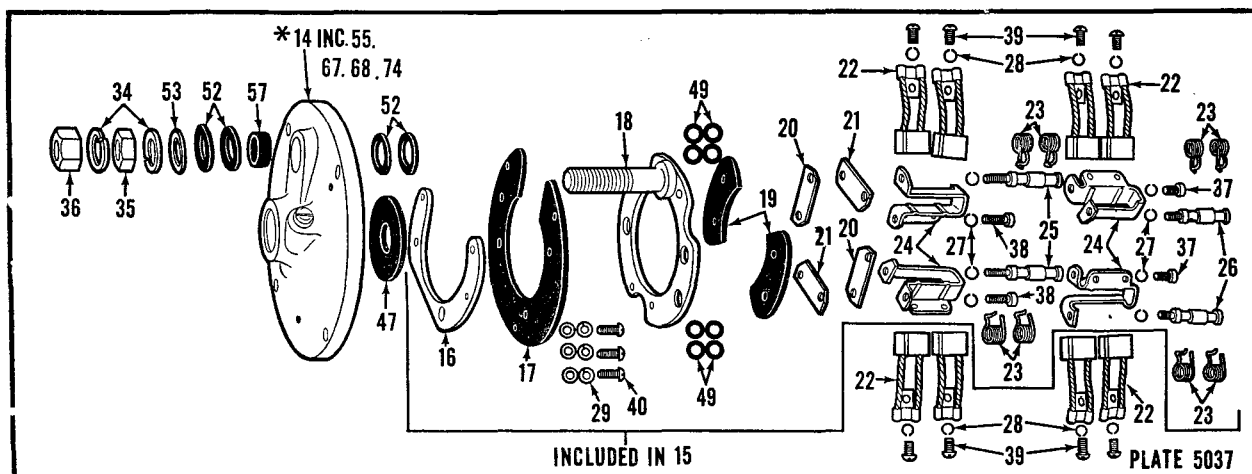
aField Coils are located with terminal up and viewed from Drive End.

\*For parts see Motor Drive Group 9.

○Early units used 1918079 (w/straight external splines) Later units use 1932031 (w/curved external splines) See Motor Group 7 for parts.

\*Early design stop #1872650 has 1/8" long spline and 3/8" dia. pin hole. New design stop 1916223 is splined full length and has 1/8" dia. pin hole.

\*\*Early design stop #1872651 has 1/8" long spline and 3/8" dia. pin hole. New design stop #1916224 is splined full length and has 1/8" dia. pin hole.



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

| Model No. | *Frame — C.E. | Plate — Assem. Less Brushes | Plate — Support | Insulator — Brush Plate | Plate — & Stud | Insulator — Brush Holder | Plate — Space Ins. Holder | Plate — Space Grd. Holder | Brush (8 Req.) — | Spring — Brush | Holder — Brush | Screw — Ins. Holder | Screw — Grd. Holder |
|-----------|---------------|-----------------------------|-----------------|-------------------------|----------------|--------------------------|---------------------------|---------------------------|------------------|----------------|----------------|---------------------|---------------------|
|           | 14            | 15                          | 16              | 17                      | 18             | 19                       | 20                        | 21                        | 22               | 23             | 24             | 25                  | 26                  |
| 1108801   | 1909514       | 1909527                     | 1874847         | 1909523                 | 1907467        | 1965093                  | 1874848                   | 1874851                   | 1906909          | 1861785        | 1909521        | 1861786             | 1861787             |
| 1108802   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108803   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108804   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108805   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108806   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108807   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108808   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108809   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108810   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108811   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108812   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108813   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108814   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108815   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108816   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108817   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108818   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108819   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108820   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108821   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108822   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108823   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108826   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108827   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108828   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |

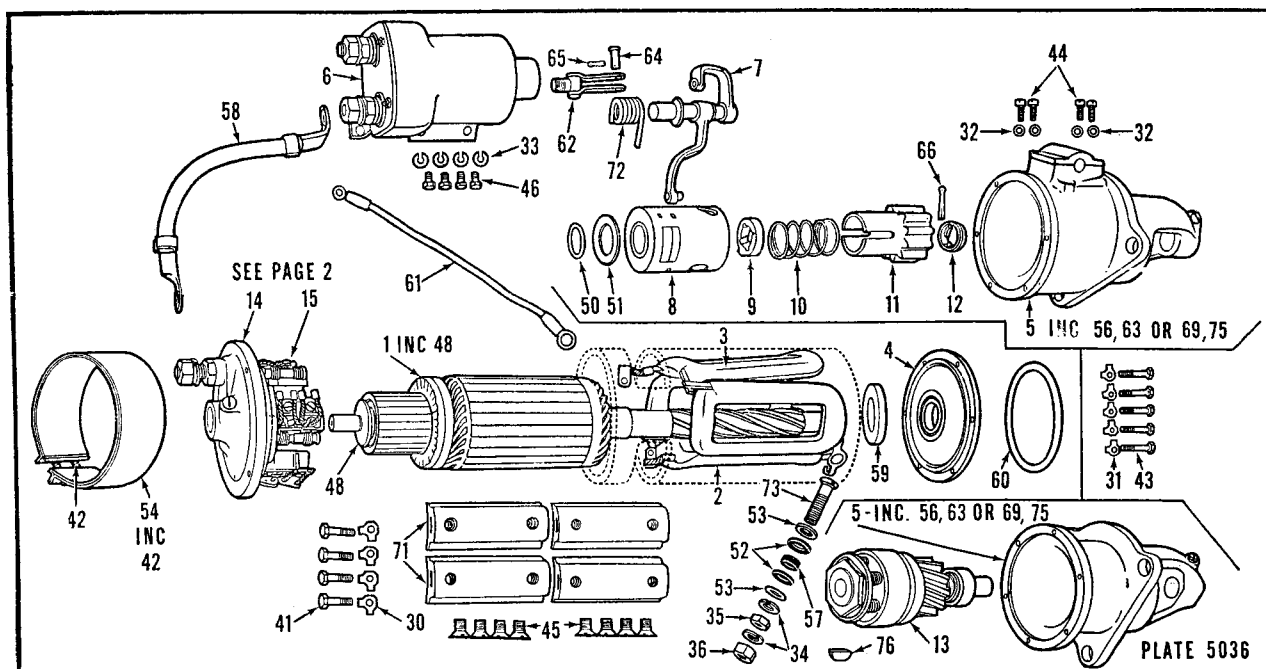
\*Includes Brake Washer (47).

## MINOR PARTS SECTION

| Illus. No.                                                                                                                                                                                                        | Name                                                              | Part No. | Used on Models                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------|
| <b>LOCK WASHERS</b>                                                                                                                                                                                               |                                                                   |          |                                                                                                                        |
| 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—C.E. Frame Screw -----                                | 9421423  | All                                                                                                                    |
| 31                                                                                                                                                                                                                | Lock Washer—Drive Housing Screw -----                             | 9421423  | All                                                                                                                    |
| 32                                                                                                                                                                                                                | Lock Washer—Drive Housing Cover Screw -----                       | 9421423  | 1108807-11-12-15-16-19; 23-6-7-8                                                                                       |
| 32                                                                                                                                                                                                                | Lock Washer (Or Gasket) Drive Housing—Cover Screw -----           | 114659   | 1108801-2-3-4                                                                                                          |
| —                                                                                                                                                                                                                 | Lock Washer—Field Coil Ground Screw -----                         | 453435   | 1108807-11-12-13-15-16-19; 22-3-6-7-8                                                                                  |
| —                                                                                                                                                                                                                 | Lock Washer—Shift Lever Adjusting Screw -----                     | 9421424  | 1108811                                                                                                                |
| 33                                                                                                                                                                                                                | Lock Washer—Switch Attaching Screw -----                          | 9421423  | 1108801-2-3-4-7-11-12-15-16-19; 22-3-6-7-8                                                                             |
| 34                                                                                                                                                                                                                | Lock Washer—Terminal Stud -----                                   | 9421427  | All                                                                                                                    |
| <b>NUTS</b>                                                                                                                                                                                                       |                                                                   |          |                                                                                                                        |
| —                                                                                                                                                                                                                 | Nut—Shift Lever Adjusting Screw -----                             | 120368   | 1108811                                                                                                                |
| 35                                                                                                                                                                                                                | Nut—Terminal Stud (5/16 thk.) -----                               | 120238   | All                                                                                                                    |
| 36                                                                                                                                                                                                                | Nut—Terminal Stud (7/16 thk.) -----                               | 120378   | All                                                                                                                    |
| <b>SCREWS</b>                                                                                                                                                                                                     |                                                                   |          |                                                                                                                        |
| 37                                                                                                                                                                                                                | Screw—Brush Holder—Grounded -----                                 | 1914800  | All                                                                                                                    |
| 38                                                                                                                                                                                                                | Screw—Brush Holder—Insulated -----                                | 1914642  | All                                                                                                                    |
| 39                                                                                                                                                                                                                | Screw—Brush Lead Attaching -----                                  | 453461   | All                                                                                                                    |
| 40                                                                                                                                                                                                                | Screw—Brush Plate Assem. Attaching -----                          | 9417096  | All                                                                                                                    |
| 41                                                                                                                                                                                                                | Screw—C.E. Frame Attaching -----                                  | 1914869  | All                                                                                                                    |
| 42                                                                                                                                                                                                                | Screw—Cover Band -----                                            | 453479   | All                                                                                                                    |
| 43                                                                                                                                                                                                                | Screw—Drive Housing Attaching (1" long) -----                     | 1914869  | 1108822                                                                                                                |
| 43                                                                                                                                                                                                                | Screw—Drive Housing Attaching (1 3/8" long) -----                 | 1913128  | All                                                                                                                    |
| 44                                                                                                                                                                                                                | Screw—Drive Housing Cover Attaching -----                         | 455576   | 1108801-2-3-4-7-11-12-13-16-19; 23-6-7-8                                                                               |
| —                                                                                                                                                                                                                 | Screw—Field Coil Ground -----                                     | 454443   | 1108807-11-12-13-15-16-19; 22-3-6-7-8                                                                                  |
| 45                                                                                                                                                                                                                | Screw—Pole Shoe -----                                             | 1913100  | All                                                                                                                    |
| —                                                                                                                                                                                                                 | Screw—Shift Lever Adjusting -----                                 | 1924734  | 1108811                                                                                                                |
| 46                                                                                                                                                                                                                | Screw—Switch Attaching -----                                      | 1930611  | 1108801-2-3-4-7-12-15-16-19; 22-3-6-7-8                                                                                |
| 46                                                                                                                                                                                                                | Screw—Switch Attaching -----                                      | 273656   | 1108811                                                                                                                |
| <b>WASHERS</b>                                                                                                                                                                                                    |                                                                   |          |                                                                                                                        |
| 47                                                                                                                                                                                                                | Washer—Brake—C.E. (Fiber) -----                                   | 1858490  | All except 1108822                                                                                                     |
| —                                                                                                                                                                                                                 | Washer—Brake—Between Center Bearing & Drive -----                 | 1911644  | 1108822                                                                                                                |
| 48                                                                                                                                                                                                                | Washer—Brake Shoe -----                                           | 1856819  | All                                                                                                                    |
| 49                                                                                                                                                                                                                | Washer—Ins. (Bushing) Brush Holder Screw -----                    | 1913080  | All                                                                                                                    |
| —                                                                                                                                                                                                                 | Washer—Plain—Brush Plate Assem. Screw -----                       | 810794   | All                                                                                                                    |
| —                                                                                                                                                                                                                 | Washer—Plain—C.E. Frame Attaching Screw -----                     | 1904987  | 1108801-2-3-4-5-6-7-8-9-10-11-12-13-14-15                                                                              |
| —                                                                                                                                                                                                                 | Washer—Plain—Drive Housing Attaching Screw --                     | 1904987  | 1108801-2-3-4-5-6-7-8-9-10-11-12-13-14-15                                                                              |
| —                                                                                                                                                                                                                 | Washer—Field Coil Ground Screw -----                              | 32898    | 1108807-11-12-13-15-16-19; 22-3-6-7-8                                                                                  |
| —                                                                                                                                                                                                                 | Washer—Space—Between Armature & C'ter Bearing -----               | 1911645  | 1108822                                                                                                                |
| —                                                                                                                                                                                                                 | Washer—Space—Between Cen. Bear. & Drive Assem. -----              | †        | 1108805-6-17                                                                                                           |
| 50                                                                                                                                                                                                                | Washer—Space—Between Center Bearing and Shift Sleeve -----        | 1906089  | 1108801-2-3-4-7-11-12-15-16-19; 23-6-7-3                                                                               |
| —                                                                                                                                                                                                                 | Washer—Space—C.E. -----                                           | 1905014  | 1108822                                                                                                                |
| 51                                                                                                                                                                                                                | Washer—Space—Cupped—Between Center Bearing and Shift Sleeve ----- | 1906090  | 1108801-2-3-4-7-11-12-15-16-19; 23-6-7-8                                                                               |
| 52                                                                                                                                                                                                                | Washer—Ins. (7/8 O.D.) Terminal Stud -----                        | 1861791  | All                                                                                                                    |
| 53                                                                                                                                                                                                                | Washer—Plain—Terminal Stud -----                                  | 811912   | All                                                                                                                    |
| <b>MISCELLANEOUS</b>                                                                                                                                                                                              |                                                                   |          |                                                                                                                        |
| 54                                                                                                                                                                                                                | BAND—Cover -----                                                  | 1909550  | All                                                                                                                    |
| 55                                                                                                                                                                                                                | BUSHING—C.E. -----                                                | 38273    | All                                                                                                                    |
| —                                                                                                                                                                                                                 | BUSHING—Center Bearing -----                                      | 1916388  | 1108820-1                                                                                                              |
| —                                                                                                                                                                                                                 | BUSHING—Center Bearing -----                                      | 1916389  | 1108822                                                                                                                |
| —                                                                                                                                                                                                                 | BUSHING—Center Bearing -----                                      | †        | 1108801-2-3-4-5-6-7-11-12-16-17-19; 23                                                                                 |
| —                                                                                                                                                                                                                 | BUSHING—Center Bearing -----                                      | *        | 1108815                                                                                                                |
| —                                                                                                                                                                                                                 | BUSHING—Center Bearing -----                                      | 1921660  | 1108827-8                                                                                                              |
| †In early design bearing plate, bushing not serviceable. In later design (w/Pipe Plug) use 1921660 Bushing, 125947 Pipe Plug and 1916439 Wick.                                                                    |                                                                   |          |                                                                                                                        |
| *In early design bearing plate (no Retainer Ring) bushing not serviceable. In late design bearing plate (w/Retainer Ring) use 1921660 Bushing, 1921663 Wick, 1921662 Plate (wick retainer) and 1936649 Lock Ring. |                                                                   |          |                                                                                                                        |
|                                                                                                                                                                                                                   |                                                                   |          | † Use washer 1930467 (1/8 thk.) on early design armature. Use collar (1/4 thk.)—1935530 on later design (w/1/8 radius) |

# MINOR PARTS SECTION

| Illus. No.                       | Name                                                                | Part No. | Used on Models                                                        |
|----------------------------------|---------------------------------------------------------------------|----------|-----------------------------------------------------------------------|
| <b>MISCELLANEOUS (Continued)</b> |                                                                     |          |                                                                       |
| 56                               | BUSHING—D.E. -----                                                  | 1856826  | 1108801-2-3-4-7-12-15-16-19; 23-6-7-8                                 |
| 56                               | BUSHING—D.E. -----                                                  | 1942995  | 1108805-6-17                                                          |
| 56                               | BUSHING—D.E. -----                                                  | 826462   | 1108809-10-21                                                         |
| 56                               | BUSHING—D.E. -----                                                  | 1943580  | 1108818; 20-2                                                         |
| 56                               | BUSHING—D.E. -----                                                  | 1881770  | 1108814                                                               |
| 56                               | BUSHING—D.E. -----                                                  | 1938754  | 1108811                                                               |
| 56                               | BUSHING—D.E. -----                                                  | 1943580  | 1108813                                                               |
| 57                               | BUSHING—Ins. Terminal Stud -----                                    | 1946765  | All                                                                   |
| 58                               | CABLE -----                                                         | 1909848  | 1108801-2-3-4-7-11-12-15-16-19; 22-3-6-7-8                            |
| 59                               | COLLAR—Between Arm. & Cen. Bearing (1½ O.D.) -----                  | 1909529  | 1108801-2-3-4-5-6-7-11-12-16-17-19; 23-6                              |
| 59                               | COLLAR—Between Arm. & Cen. Bearing (1¼ O.D.) -----                  | 1919853  | 1108801-2-3-4-5-6-7-11-12-16-17-19; 23-6-7-8                          |
| 59                               | COLLAR—Between Armature & Center Bearing -----                      | 820155   | 1108808-9-10-13-14-18; 20-1                                           |
| —                                | COLLAR—Space (¼ thk.)—Between Center Bearing and Drive Assem. ----- | 1935530  | 1108805-6-17                                                          |
| —                                | GASKET—On Shift Lever Shaft -----                                   | 1909531  | 1108801-2-3-4-7; 23-6-7-8                                             |
| 60                               | GASKET—Center Bearing -----                                         | 1914867  | 1108801-2-3-4-7-14; 26-7-8                                            |
| —                                | GASKET—Cover Band -----                                             | 1909553  | All                                                                   |
| —                                | INSULATOR—Field Coil (1 1/16x1 1/4) -----                           | 820171   | 1108801-2-3-4-5-6-7-8-9-10                                            |
| —                                | INSULATOR—Field Coil (1 1/4x8 1/2) -----                            | 1863173  | 1108801-2-3-4-5-6-7-8-9-10                                            |
| —                                | INSULATOR—Field Coil Triangle -----                                 | 1913534  | 1108801-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19; 20-1-2-3-6-7-8 |
| 61                               | LEAD—Switch to C.E. Terminal -----                                  | 1908675  | 1108801-2-3-4; 15                                                     |
| 62                               | LINK (& Screw) Assembly -----                                       | 1909576  | 1108801-2-3-4-7-12-16-19; 23-6-7-8                                    |
| 62                               | LINK (& Screw) Assembly -----                                       | 1881381  | 1108815                                                               |
| 62                               | LINK (& Screw) Assembly -----                                       | 1917672  | 1108822                                                               |
| —                                | OILER—C.E. -----                                                    | 1919848  | 1108827-8                                                             |
| 63                               | OILER—D.E. -----                                                    | 114998   | 1108801-2-3-4                                                         |
| 63                               | OILER—D.E. -----                                                    | 1919852  | 1108807; 27-8                                                         |
| —                                | OILER—In Center Bearing -----                                       | 1919850  | 1108827-8                                                             |
| —                                | PIN—Compression Spring Retainer -----                               | 1917678  | 1108822                                                               |
| 64                               | PIN—Shift Lever -----                                               | 1857826  | 1108801-2-3-4-7-12-15-16-19; 23-6-7-8                                 |
| 64                               | PIN—Shift Lever -----                                               | 1914258  | 1108822                                                               |
| 65                               | PIN—Cotter—Shift Lever -----                                        | 112726   | 1108801-2-3-4-7-12-15-16-19; 22-3-6-7-8                               |
| 66                               | PIN—Cotter—Pinion Stop -----                                        | 1872652  | 1108801-2-3-4-7-12-15-16-19; 23-6                                     |
| 66                               | PIN—Cotter—Pinion Stop -----                                        | 137204   | 1108827-8                                                             |
| —                                | PIN—Dowel—Shift Lever Shaft -----                                   | 455776   | 1108822                                                               |
| 67                               | PLUG—Expansion—C.E. -----                                           | 103893   | All                                                                   |
| 68                               | PLUG—Pipe—C.E. -----                                                | 453465   | All except 1108827-8                                                  |
| 69                               | PLUG—Pipe—In Drive Housing -----                                    | 453465   | All except 1108807                                                    |
| —                                | RETAINER—Compression Spring (On Solenoid) -----                     | 1917677  | 1108822                                                               |
| —                                | RING—Felt Retainer—Center Bearing -----                             | 1916386  | 1108820-2                                                             |
| 70                               | SEAL—Oil—In Center Bearing -----                                    | 1909498  | 1108801-2-3-4-7; 26-8                                                 |
| 70                               | SEAL—Oil—In Center Bearing -----                                    | 1867150  | 1108814                                                               |
| —                                | SHAFT—Shift Lever -----                                             | 1914257  | 1108822                                                               |
| 71                               | SHOE—Pole -----                                                     | 1907482  | All                                                                   |
| —                                | SPRING—Compression (On Solenoid) -----                              | 1917676  | 1108822                                                               |
| 72                               | SPRING—Shift Lever -----                                            | 1864020  | 1108801-2-3-4-7-11-12-15-16-19; 23-6-7-8                              |
| 73                               | STUD—Field Terminal -----                                           | 1861906  | 1108801-2-3-4-5-6-8-9-10-14-17-18; 20-1                               |
| —                                | STUD—Terminal—C.E. -----                                            |          | Not sold separately                                                   |
| 74                               | WICK—Oil—C.E. -----                                                 | 1916439  | All                                                                   |
| —                                | WICK—In Center Bearing -----                                        | 1916387  | 1108820-2                                                             |
| —                                | WICK—In Center Bearing -----                                        | 1919851  | 1108827-8                                                             |
| 75                               | WICK—Oil—D.E. -----                                                 | 1916439  | 1108801-2-3-4-5-6-7-8-9-10-11-12-13-14-15-16-17-18-19; 20-1-2-3-6-7-8 |
| 76                               | WOODRUFF KEY -----                                                  | 124546   | 1108805-6-8-9-10-13-14-17-18; 20-1                                    |



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

| Model<br>No.   | Arma-<br>ture | °Field<br>Coil<br>—<br>L.H.<br>or Upper | °Field<br>Coil<br>—<br>R.H.<br>or Lower | ‡Plate<br>—<br>Center<br>Bearing | Housing<br>—<br>Drive | Switch   | Lever<br>—<br>Shift | Sleeve<br>—<br>Shift | Guide<br>—<br>Pinion | Spring<br>—<br>Meshing | Pinion<br>— | Collar<br>—<br>Stop | Drive<br>—<br>Assem. |
|----------------|---------------|-----------------------------------------|-----------------------------------------|----------------------------------|-----------------------|----------|---------------------|----------------------|----------------------|------------------------|-------------|---------------------|----------------------|
|                | 1             | 2                                       | 3                                       | 4                                | 5                     | 6        | 7                   | 8                    | 9                    | 10                     | 11          | 12                  | 13                   |
| <b>1108831</b> | 1885699       | 1911217                                 | 1911221                                 | 1910911                          | 1911445               |          |                     |                      |                      |                        |             |                     | *1912396             |
| <b>1108835</b> | 1909597       | 1885306                                 | 1885306                                 | 1919849                          | 1922205               |          |                     |                      |                      |                        |             |                     | ▲1933503             |
| <b>1108836</b> | 1912600       | "                                       | "                                       | 1937113                          | 1911323               | †1119851 | 1864012             | 1906082              | 1906081              | 1906080                | 1928985     | 1872650             |                      |
| <b>1108840</b> | 1923285       | 1911217                                 | 1911221                                 | "                                | 1923287               |          |                     |                      |                      |                        |             |                     | ♣1923288             |
| <b>1108841</b> | 1910905       | "                                       | "                                       | 1910911                          | 1911082               |          |                     |                      |                      |                        |             |                     | *1927104             |
| <b>1108842</b> | 1923285       | "                                       | "                                       | 1937113                          | 1923287               |          |                     |                      |                      |                        |             |                     | ♣1923587             |
| <b>1108846</b> | 1910905       | 1911237                                 | 1911240                                 | 1910911                          | 1911082               |          |                     |                      |                      |                        |             |                     | *1917284             |
| <b>1108849</b> | 1921580       | 1885345                                 | 1885345                                 | 1909496                          | 1909579               | †1119851 | 1864012             | 1907636              | 1922703              | 1906080                | 1922761     | 1916224             |                      |

<sup>#</sup>For parts see Motor Drive—Group 1-A.

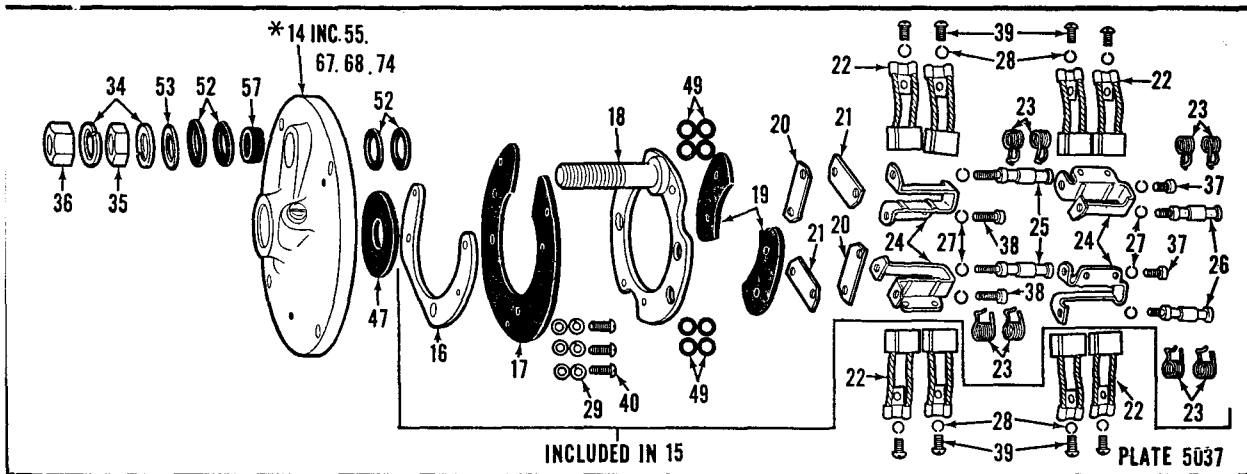
\*For parts see Motor Drive—Group 9.

†For parts see Switch—Group 101-A.

▲Service by complete replacement.

‡Includes Oil Seal (70) when necessary.

#For parts see Motor Drive—Group 1-A.  
 †For parts see Motor Drive—Group 9.  
 ‡For parts see Switch—Group 101-A.  
 ▲Service by complete replacement.  
 ‡Includes Oil Seal (70) when necessary.  
 ○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. Less Brushes | Plate — Support | Insulator — Brush Plate | Plate — & Stud | Insulator — Brush Holder | Plate — Space Ins. Holder | Plate — Space Grd. Holder | Brush (8 Req.) — | Spring — Brush | Holder — Brush | Screw — Ins. Holder | Screw — Grd. Holder |
|-----------|---------------|-----------------------------|-----------------|-------------------------|----------------|--------------------------|---------------------------|---------------------------|------------------|----------------|----------------|---------------------|---------------------|
|           | 14            | 15                          | 16              | 17                      | 18             | 19                       | 20                        | 21                        | 22               | 23             | 24             | 25                  | 26                  |
| 1108831   | 1909514       | 1909527                     | 1874847         | 1909523                 | 1907467        | 1965093                  | 1874848                   | 1874851                   | 1906909          | 1861785        | 1909521        | 1861786             | 1861787             |
| 1108835   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108836   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108840   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108841   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108842   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108846   | "             | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |
| 1108849   | 1922772       | "                           | "               | "                       | "              | "                        | "                         | "                         | "                | "              | "              | "                   | "                   |

\*Includes Brake Washer (47).

## 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          |
|----------------------|-------------------------------------------------------------------|----------|-------------------------|
| <b>LOCK WASHERS</b>  |                                                                   |          |                         |
| 27                   | Lock Washer—Brush Holder Screw -----                              | 453435   | 1108831-5-6; 40-1-2-6-9 |
| 28                   | Lock Washer—Brush Lead Screw -----                                | 453844   | 1108831-5-6; 40-1-2-6-9 |
| 29                   | Lock Washer—Brush Plate Assem. Attach. Screw --                   | 453844   | 1108831-5-6; 40-1-2-6-9 |
| 30                   | Lock Washer—C.E. Frame Screw -----                                | 9421423  | 1108831-5-6; 40-1-2-6-9 |
| 31                   | Lock Washer—Drive Housing Screw -----                             | 9421423  | 1108831-5-6; 40-1-2-6-9 |
| 32                   | Lock Washer—Drive Housing Cover Screw -----                       | 9421423  | 1108836                 |
| —                    | Lock Washer—Field Coil Ground Screw -----                         | 453425   | 1108835-6; 49           |
| 33                   | Lock Washer—Switch Attaching Screw -----                          | 9421423  | 1108836; 49             |
| 34                   | Lock Washer—Terminal Stud -----                                   | 9421423  | 1108831-5-6; 40-1-2-6-9 |
| <b>NUTS</b>          |                                                                   |          |                         |
| 35                   | Nut—Terminal Stud (5/16 thk.) -----                               | 120238   | 1108831-5-6; 40-1-2-6-9 |
| 36                   | Nut—Terminal Stud (7/16 thk.) -----                               | 120378   | 1108831-5-6; 40-1-2-6-9 |
| <b>SCREWS</b>        |                                                                   |          |                         |
| 37                   | Screw—Brush Holder—Grounded -----                                 | 1914580  | 1108831-5-6; 40-1-2-6-9 |
| 38                   | Screw—Brush Holder—Insulated -----                                | 1968656  | 1108831-5-6; 40-1-2-6-9 |
| 39                   | Screw—Brush Lead Attaching -----                                  | 453418   | 1108831-5-6; 40-1-2-6-9 |
| 40                   | Screw—Brush Plate Assem. Attaching -----                          | 9417096  | 1108831-5-6; 40-1-2-6-9 |
| 41                   | Screw—C.E. Frame Attaching -----                                  | 1914869  | 1108831-5-6; 40-1-2-6-9 |
| 42                   | Screw—Cover Band -----                                            | 453479   | 1108831-5-6; 40-1-2-6-9 |
| 43                   | Screw—Drive Housing Attaching (1½" long) -----                    | 1913128  | 1108831-5-6; 40-1-2-6-9 |
| 44                   | Screw—Drive Housing Cover Attaching -----                         | 455576   | 1108836; 49             |
| —                    | Screw—Field Coil Ground -----                                     | 454443   | 1108835-6; 49           |
| 45                   | Screw—Pole Shoe -----                                             | 1913100  | 1108831-5-6; 40-1-2-6-9 |
| 46                   | Screw—Switch Attaching -----                                      | 1930611  | 1108836; 49             |
| <b>WASHERS</b>       |                                                                   |          |                         |
| 47                   | Washer—Brake—C.E. (Fiber) -----                                   | 1858490  | 1108831-5-6; 40-1-2-6-9 |
| 48                   | Washer—Brake Shoe -----                                           | 1856819  | 1108831-5-6; 40-1-2-6-9 |
| 49                   | Washer—Ins. (Bushing) Brush Holder Screw -----                    | 1913080  | 1108831-5-6; 40-1-2-6-9 |
| —                    | Washer—Plain—Brush Plate Assem. Screw -----                       | 810794   | 1108831-5-6; 40-1-2-6-9 |
| —                    | Washer—Field Coil Ground Screw -----                              | 1856056  | 1108835-6; 49           |
| †                    | Washer—Space—Between Cen. Bear. & Drive Assem. -----              | 1930467  | 1108840-2               |
| †                    | Washer—Space—Between Cen. Bear. & Drive Assem. -----              | 1935530  | 1108835                 |
| 50                   | Washer—Space—Between Cen. Bear. & Shift Sleeve -----              | 1906089  | 1108836; 49             |
| 51                   | Washer—Space—Cupped—Between Center Bearing and Shift Sleeve ----- | 1906090  | 1108836; 49             |
| 52                   | Washer—Ins. (7/8 O.D.) Terminal Stud -----                        | 1861791  | 1108831-5-6; 40-1-2-6-9 |
| 53                   | Washer—Plain—Terminal Stud -----                                  | 811912   | 1108831-5-6; 40-1-2-6-9 |
| <b>MISCELLANEOUS</b> |                                                                   |          |                         |
| 54                   | BAND—Cover -----                                                  | 1909550  | 1108831-5-6; 40-1-2-6-9 |
| 55                   | BUSHING—C.E. -----                                                | 38273    | 1108831-5-6; 40-1-2-6-9 |
| —                    | BUSHING—Center Bearing -----                                      | 1916388  | 1108831; 41-6           |
| —                    | BUSHING—Center Bearing -----                                      | 1921660  | 1108835; 49             |
| —                    | BUSHING—Center Bearing -----                                      | 1921660  | 1108836; 40             |
| 56                   | BUSHING—D.E. -----                                                | 1942995  | 1108835                 |
| 56                   | BUSHING—D.E. -----                                                | 1938754  | 1108836; 49             |
| 56                   | BUSHING—D.E. -----                                                | 1943580  | 1108840-2               |
| 56                   | BUSHING—D.E. -----                                                | 826462   | 1108841-6               |
| 56                   | BUSHING—D.E. -----                                                | 1943580  | 1108831                 |
| 57                   | BUSHING—Ins. Terminal Stud -----                                  | 1946765  | 1108831-5-6; 40-1-2-6-9 |
| 58                   | CABLE -----                                                       | 1909848  | 1108836; 49             |
| 59                   | COLLAR—Between Armature & Center Bearing ---                      | 820155   | 1108831; 41-6           |
| 59                   | COLLAR—Between Armature & Center Bearing ---                      | 1919853  | 1108835; 49             |
| —                    | COLLAR—(¼ thk.)—Between Center Bearing & Drive Assembly -----     | 1935530  | 1108835                 |
| 60                   | GASKET—Center Bearing -----                                       | 1914867  | 1108841-9               |
| —                    | GASKET—Cover Band -----                                           | 1909553  | 1108831-5-6; 40-1-2-6-9 |
| —                    | GASKET—Drive Housing Screw -----                                  | 114659   | 1108849                 |
| —                    | GASKET—On Lever Shaft -----                                       | 1909531  | 1108849                 |
| —                    | INSULATOR—Field Coil—Triangle -----                               | 1914873  | 1108831-5-6; 40-1-2-6-9 |
| 62                   | LINK (& Screw) Assembly -----                                     | 1881381  | 1108836                 |

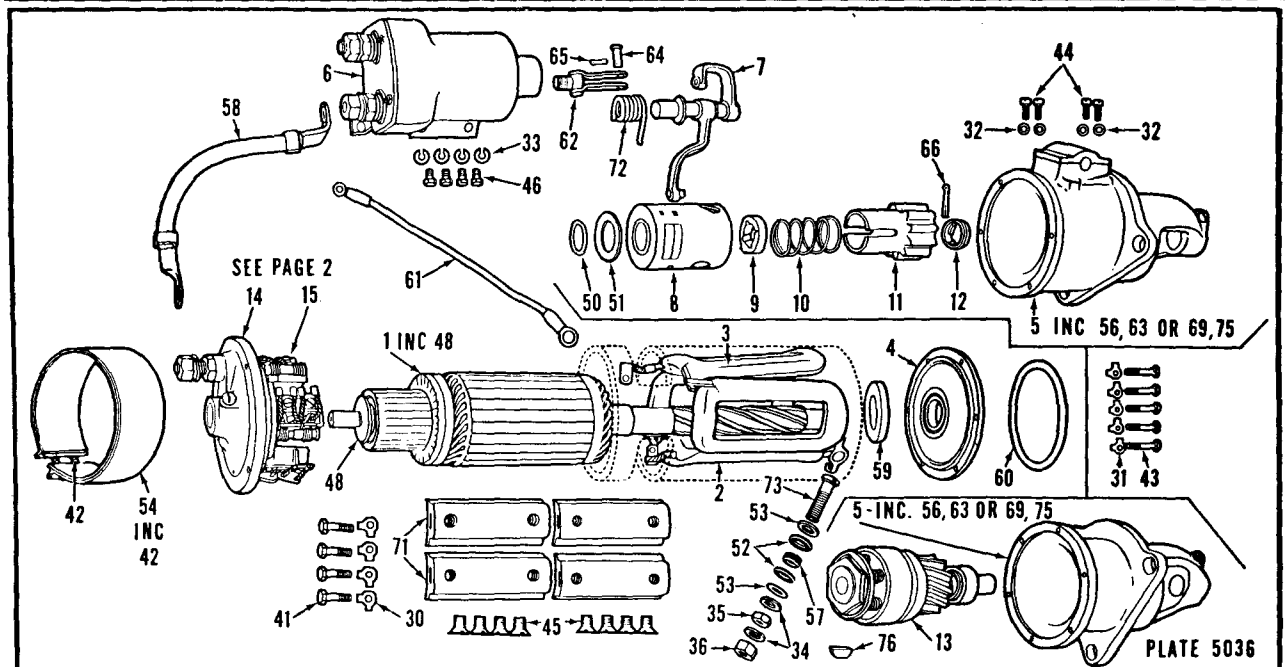
†Use washer 1930467 (1/8" thick) on early design armatures (w/1/8" radius)  
 Use collar 1935530 (1/4" thick) on later design armatures (w/1/4" radius)

# MINOR PARTS SECTION

| Illus.<br>No. | Name                                     | Part No. | Used on Models          |
|---------------|------------------------------------------|----------|-------------------------|
|               | MISCELLANEOUS—Continued                  |          |                         |
| 62            | LINK (& Screw) Assembly -----            | 1909576  | 1108849                 |
| —             | OILER—C.E. -----                         | 1919848  | 1108835; 49             |
| —             | OILER—Center Bearing -----               | 1919850  | 1108835                 |
| 63            | OILER—D.E. -----                         | 1919852  | 1108835                 |
| 64            | PIN—Shift Lever -----                    | 1857826  | 1108836; 49             |
| 65            | PIN—Cotter—Shift Lever -----             | 112726   | 1108836; 49             |
| 66            | PIN—Cotter—Pinion Stop -----             | 1872652  | 1108836                 |
| 66            | PIN—Cotter—Pinion Stop -----             | 137204   | 1108849                 |
| —             | PLATE—Wick Retainer—Center Bearing ----- | 1921662  | 1108836; 40-2           |
| 67            | PLUG—Expansion—C.E. -----                | 103893   | 1108831-5-6; 40-1-2-6-9 |
| 68            | PLUG—Pipe—C.E. -----                     | 453465   | 1108831-6; 40-1-2-6     |
| —             | PLUG—Pipe—In Center Bearing -----        | 453465   | 1108849                 |
| 69            | PLUG—Pipe—In Drive Housing -----         | 453465   | 1108831-6; 40-1-2-6-9   |
| —             | RING—Felt Retainer—Center Bearing -----  | 1916386  | 1108831; 41-6           |
| —             | RING—Lock—In Center Bearing -----        | 1936649  | 1108836; 40-2           |
| —             | SEAL—Oil—In Center Bearing -----         | 1909498  | 1108849                 |
| —             | SEAL—Oil—In Center Bearing -----         | 1867150  | 1108846                 |
| 71            | SHOE—Pole -----                          | 1907482  | 1108831-5-6; 40-1-2-6-9 |
| 72            | SPRING—Shift Lever -----                 | 1864020  | 1108836; 49             |
| 73            | STUD—Field Terminal -----                | 1861906  | 1108831; 40-1-2-6       |
| —             | STUD—Terminal—C.E. -----                 |          | Not sold separately     |
| 74            | WICK—Oil—C.E. -----                      | 1916439  | 1108831-5-6; 40-1-2-6-9 |
| —             | WICK—In Center Bearing -----             | 1916387  | 1108831; 41-6           |
| —             | WICK—In Center Bearing -----             | 1919851  | 1108835                 |
| —             | WICK—In Center Bearing -----             | 1947350  | 1108836; 40-2           |
| —             | WICK—In Center Bearing -----             | 1916439  | 1108849                 |
| 75            | WICK—Oil—D.E. -----                      | 1916439  | 1108831-5-6; 40-1-2-6-9 |
| 76            | WOODRUFF KEY -----                       | 124546   | 1108831-5; 40-1-2-6     |

Revised to March 1, 1971

## SERVICE PARTS CATALOG



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

| Model<br>No. | Arma-<br>ture | ▲Field<br>Coil<br>—<br>L.H. | ▲Field<br>Coil<br>—<br>R.H. | ■Plate<br>—<br>Center<br>Bearing | Housing<br>—<br>Drive | Switch   | Lever<br>—<br>Shift | Sleeve<br>—<br>Shift | Guide<br>—<br>Pinion | Spring<br>—<br>Meshing | Pinion  | Collar<br>—<br>Stop | Drive<br>Assem-<br>bly |
|--------------|---------------|-----------------------------|-----------------------------|----------------------------------|-----------------------|----------|---------------------|----------------------|----------------------|------------------------|---------|---------------------|------------------------|
|              | 1             | 2                           | 3                           | 4                                | 5                     | 6        | 7                   | 8                    | 9                    | 10                     | 11      | 12                  | 13                     |
| 1108851      | 1921110       | †                           | †                           | 1909496                          | 1909513               | ▲1118096 | 1864012             | 1906082              | 1906081              | 1906080                | 1928985 | x                   | .....                  |
| 1108852      | "             | †                           | †                           | "                                | 1909579               | ▲1118172 | "                   | "                    | "                    | "                      | "       | x                   | .....                  |
| 1108853      | 1921117       | *                           | *                           | "                                | 1909513               | ▲1118096 | "                   | 1907636              | 1906149              | "                      | 1922761 | e                   | .....                  |
| 1108854      | "             | *                           | *                           | "                                | 1909579               | ▲1118172 | "                   | "                    | "                    | "                      | "       | e                   | .....                  |
| 1108855      | 1935529       | 1911217                     | 1911221                     | 1909603                          | 1909601               |          |                     |                      |                      |                        |         |                     | □1933505               |
| 1108856      | "             | †                           | †                           | "                                | "                     |          |                     |                      |                      |                        |         |                     | "                      |
| 1108857      | 1921110       | 1911217                     | 1911221                     | 1909496                          | 1909513               | ▲1118099 | 1864012             | 1906082              | 1906081              | 1906080                | 1928985 | x                   | .....                  |
| 1108858      | "             | "                           | "                           | "                                | 1909579               | ▲1119803 | "                   | "                    | "                    | "                      | "       | x                   | .....                  |
| 1108859      | 1921117       | 1911240                     | 1911237                     | "                                | "                     | "        | "                   | 1907636              | 1906149              | "                      | 1922761 | e                   | .....                  |
| 1108860      | "             | "                           | "                           | "                                | 1909513               | ▲1118099 | "                   | "                    | "                    | "                      | "       | e                   | .....                  |
| 1108861      | 1935529       | "                           | "                           | 1909603                          | 1909601               |          |                     |                      |                      |                        |         |                     | †1910402               |
| 1108862      | "             | *                           | *                           | "                                | "                     |          |                     |                      |                      |                        |         |                     | "                      |
| 1108863      | 1911168       | 1911217                     | 1911221                     | 1937113                          | 1911323               | ▲1119803 | 1864012             | 1906082              | 1906081              | 1906080                | 1928985 | 1872650             | .....                  |
| 1108864      | 1921110       | "                           | "                           | 1932529                          | 1878832               | †1119851 | "                   | "                    | "                    | "                      | "       | x                   | .....                  |
| 1108865      | 1910956       | 1911240                     | 1911237                     | "                                | 1910925               | ▲1118099 | "                   | 1907636              | 1906149              | "                      | 1923414 | 1872651             | .....                  |
| 1108866      | 1921110       | 1911217                     | 1911221                     | "                                | 1909513               |          | "                   | 1906082              | 1906081              | "                      | 1928985 | x                   | .....                  |
| 1108867      | 1911168       | "                           | "                           | 1937113                          | 1911166               | †1119851 | "                   | "                    | "                    | "                      | "       | 1872650             | .....                  |
| 1108868      | "             | "                           | "                           | "                                | "                     | ▲1119803 | "                   | "                    | "                    | "                      | "       | "                   | .....                  |
| 1108869      | 1935529       | "                           | "                           | 1909603                          | 1909601               |          |                     |                      |                      |                        |         |                     | *1885293               |
| 1108870      | 1910596       | *                           | *                           | 1932529                          | 1910925               | ▲1118096 | 1864012             | 1907636              | 1906149              | 1906080                | 1923414 | 1872651             | .....                  |
| 1108871      | 1911168       | 1911217                     | 1911221                     | 1937113                          | 1911166               | ▲1119803 | "                   | 1906082              | 1906081              | "                      | 1928985 | 1872650             | .....                  |
| 1108872      | "             | "                           | "                           | "                                | 1885535               | "        | "                   | "                    | "                    | "                      | "       | "                   | .....                  |
| 1108873      | "             | "                           | "                           | "                                | 1885530               | "        | "                   | "                    | "                    | "                      | "       | "                   | .....                  |
| 1108874      | "             | "                           | "                           | "                                | 1885544               | "        | "                   | "                    | "                    | "                      | "       | "                   | .....                  |
| 1108875      | 1885624       | †                           | †                           | 1932529                          | 1910925               | ▲1118172 | "                   | "                    | "                    | "                      | 1944859 | "                   | .....                  |
| 1108877      | 1935529       | 1911217                     | 1911221                     | 1909496                          | 1912108               |          |                     |                      |                      |                        |         |                     | *1912111               |
| 1108878      | "             | †                           | †                           | "                                | "                     |          |                     |                      |                      |                        |         |                     | "                      |
| 1108879      | 1885624       | †                           | †                           | 1909603                          | 1910925               | ▲1118172 | 1864012             | 1906082              | 1906081              | 1906080                | 1928985 | 1872650             | .....                  |
| 1108880      | 1935529       | †                           | †                           | 1909496                          | 1912657               |          |                     |                      |                      |                        |         |                     | *1912658               |

†1909753—Field Coil (Shunt)—Upper—R.H.  
 1909754—Field Coil (Shunt)—Lower—L.H.  
 1911291—Field Coil—Lower—R.H.  
 1911289—Field Coil—Upper—L.H.

\*1909757—Field Coil (Shunt)—Upper—R.H.  
 1909758—Field Coil (Shunt)—Lower—L.H.  
 1912447—Field Coil—Lower—R.H. & L.H. (Set).

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

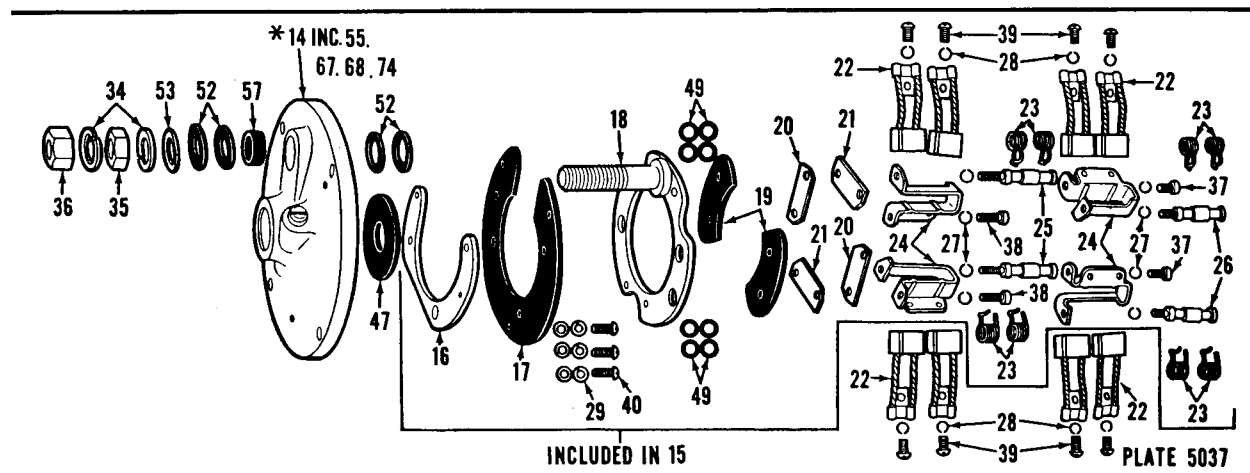
■Includes Oil Seal (70) when necessary.

▲For parts see Solenoid Switch—Group 101-A.

\*Early design Stop No. 1872650 has  $\frac{1}{8}$ " long spline and  $\frac{3}{32}$ " dia. pin hole. New design Stop 1916223 is splined full length and has  $\frac{1}{8}$ " dia. pin hole.

\*Early design Stop No. 1872651 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 Motor Drive—Group 9.



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

| Model No. | Frame — C.E. | Plate Assem. — Less Brushes | Plate — Support | Insulator — Brush Plate | Plate and Stud | Insulator — Brush Holder | Plate — Space— Insul. Holder | Plate — Space— Gro'nded Holder | Brush (8 req'd) | Spring — Brush | Holder — Brush | Screw — Insul. Holder | Screw — Gro'nded Holder |
|-----------|--------------|-----------------------------|-----------------|-------------------------|----------------|--------------------------|------------------------------|--------------------------------|-----------------|----------------|----------------|-----------------------|-------------------------|
|           | 14           | 15                          | 16              | 17                      | 18             | 19                       | 20                           | 21                             | 22              | 23             | 24             | 25                    | 26                      |
| 1108851   | 1909514      | 1909527                     | 1874847         | 1909523                 | 1907467        | 1965093                  | 1874848                      | 1874851                        | 1906909         | 1861785        | 1907475        | 1904982               | 1928500                 |
| 1108852   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108853   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108854   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108855   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108856   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108857   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108858   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108859   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108860   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108861   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108862   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108863   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108864   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108865   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108866   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108867   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108868   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108869   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108870   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108871   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108872   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108873   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108874   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108875   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108877   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108878   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108879   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |
| 1108880   | "            | "                           | "               | "                       | "              | "                        | "                            | "                              | "               | "              | "              | "                     | "                       |

\*Includes Brake Washer (47).

Revised to March 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                                                |
|----------------------|------------------------------------------------------------------|----------|---------------------------------------------------------------|
| <b>LOCK WASHERS</b>  |                                                                  |          |                                                               |
| 27                   | Lock Washer—Brush Holder Screw.....                              | 453435   | All                                                           |
| 28                   | Lock Washer—Brush Lead Screw.....                                | 453844   | All                                                           |
| 29                   | Lock Washer—Brush Plate Assembly Attaching Screw.....            | 453844   | All                                                           |
| 30                   | Lock Washer—C.E. Frame Screw.....                                | 9421423  | All                                                           |
| 31                   | Lock Washer—D.E. Housing Screw.....                              | 9421423  | All                                                           |
| 32                   | Lock Washer—Drive Housing Cover Screw.....                       | 9421423  | 1108863-4-5-6-7-8; 70-1-2-3-4-5-9                             |
| 32                   | Lock Washer (or Gasket)—Drive Housing Cover Screw.....           | 114659   | 1108851-2-3-4-7-8-9; 60                                       |
| 33                   | Lock Washer—Switch Attaching Screw.....                          | 9421423  | 1108851-2-3-4-7-8-9; 60-3-4-5-6-7-8; 70-1-2-3-4-5-9           |
| 34                   | Lock Washer—Terminal Stud.....                                   | 9421427  | All                                                           |
| <b>NUTS</b>          |                                                                  |          |                                                               |
| 35                   | Nut—Terminal Stud ( $\frac{3}{16}$ thk.).....                    | 120238   | All                                                           |
| 36                   | Nut—Terminal Stud ( $\frac{1}{8}$ thk.).....                     | 120378   | All                                                           |
| <b>SCREWS</b>        |                                                                  |          |                                                               |
| 37                   | Screw—Brush Holder—Grounded.....                                 | 1914580  | All                                                           |
| 38                   | Screw—Brush Holder—Insulated.....                                | 1968656  | All                                                           |
| 39                   | Screw—Brush Lead Attaching.....                                  | 453461   | All                                                           |
| 40                   | Screw—(& Washer) Brush Plate Assembly Attach.....                | 1847807  | All                                                           |
| 41                   | Screw—C.E. Frame Attaching.....                                  | 1914869  | All                                                           |
| 42                   | Screw—Cover Band.....                                            | 453479   | All                                                           |
| 43                   | Screw—Drive Housing Attaching.....                               | 1913128  | All                                                           |
| 44                   | Screw—Drive Housing Cover.....                                   | 455576   | 1108851-2-3-4-7-8-9; 60-3-4-5-6-7-8; 70-1-2-3-4-5-9           |
| 45                   | Screw—Pole Shoe.....                                             | 1913100  | All                                                           |
| 46                   | Screw—Switch Attaching.....                                      | 1930611  | 1108851-2-3-4-7-8-9; 60-3-4-5-6-7-8; 70-1-2-3-4-5-9           |
| <b>WASHERS</b>       |                                                                  |          |                                                               |
| 47                   | Washer—Brake—C.E. (Fibre).....                                   | 1858490  | All                                                           |
| 48                   | Washer—Brake Shoe.....                                           | 1856819  | All                                                           |
| 49                   | Washer—Brush Holder Screw—Insul.....                             | 1913080  | All                                                           |
| ....                 | Washer—Brush Plate Assembly Attaching—Plain.....                 | 1913086  | All                                                           |
| ....                 | Washer—C.E. Frame Screw—Plain.....                               | 1904987  | 1108851-2-3-4-5-6-7-8-9; 60-1-2-3-4-5-6-7-8-9; 70-1-2-3-4-7-8 |
| ....                 | Washer—Drive Housing Screw—Plain.....                            | 1904987  | 1108851-2-3-4-5-6-7-8-9; 60-1-2-3-4-5-6-7-8-9; 70-1-2-3-4-7-8 |
| ....                 | Washer—Felt—Between Center Bearing & Shift Sleeve.....           | 1922682  | 1108877-8                                                     |
| ....                 | Washer—Space—Between Center Bearing & Drive Assembly.....        | †        | 1108855-6; 61-2-9; 77-8; 80                                   |
| 50                   | Washer—Space—Between Center Bearing & Shift Sleeve.....          | 1906089  | 1108851-2-3-4-7-8-9; 60-3-4-5-6-7-8; 70-1-2-3-4-5-9           |
| 51                   | Washer—Space—Between Center Bearing & Shift Sleeve (Cupped)..... | 1906090  | 1108851-2-3-4-7-8-9; 60-3-4-5-6-7-8; 70-1-2-3-4-5-9           |
| 52                   | Washer—Terminal Stud Insul. ( $\frac{7}{8}$ O.D.).....           | 1861791  | All                                                           |
| ....                 | Washer—Terminal Stud Insul. ( $1\frac{1}{8}$ O.D.).....          | 1903058  | 1108856; 80                                                   |
| 53                   | Washer—Terminal Stud Plain.....                                  | 811912   | All                                                           |
| <b>MISCELLANEOUS</b> |                                                                  |          |                                                               |
| 54                   | BAND—Cover.....                                                  | 1909550  | All                                                           |
| ....                 | BUSHING—Center Bearing.....                                      | †        | 1108851-2-3-4-5-6-7-8-9; 60-1-2-4-5-6-9; 70-5-7-8-9; 80       |
| ....                 | BUSHING—Center Bearing.....                                      | x        | 1108863-7-8; 71-2-3-4                                         |
| 55                   | BUSHING—C.E.....                                                 | 38273    | All                                                           |
| 56                   | BUSHING—D.E.....                                                 | 1856826  | 1108851-2-7-8-9; 60-4-5-6-7-8; 70-5-9                         |
| 56                   | BUSHING—D.E.....                                                 | 1938754  | 1108853-4; 63; 71-2-3-4                                       |
| 56                   | BUSHING—D.E.....                                                 | 1942995  | 1108855-6; 61-2-9; 77-8; 80                                   |
| 57                   | BUSHING—Terminal Stud—Insul.....                                 | #        | All                                                           |

†In early design Bearing Plate, Bushing not serviceable.

†In later design Bearing Plate (w/Pipe Plug), use 1921660 Bushing, 125947 Pipe Plug and 1916439 Wick.

\*In early design Bearing Plate (no Retainer Ring) Bushing not serviceable. In late design Bearing Plate (w/Retainer Ring) use 1921660 Bushing, 1621663 Wick, 1921662 Plate (Wick Retainer) and 1936649 Lock Ring.

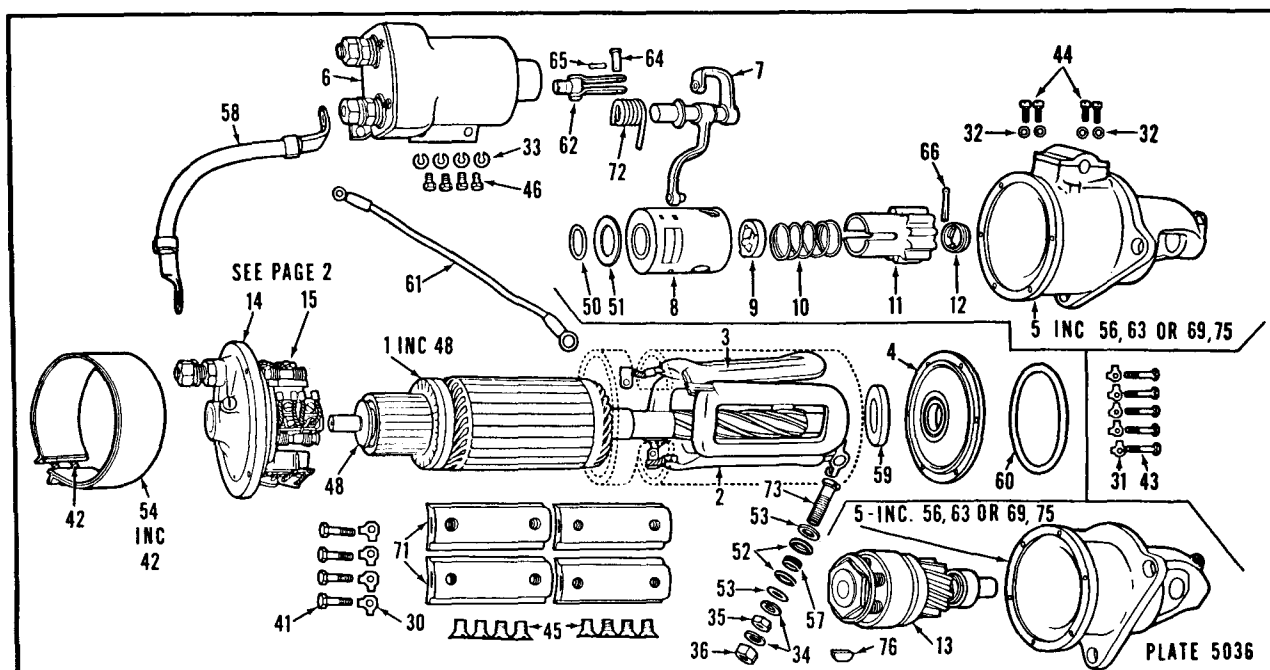
‡Use Washer 1930467 ( $\frac{1}{8}$  thk.) with 1909595 Armature; use Collar 1935530 ( $\frac{1}{4}$  thk.) with 1935529 Armature.

#For Service use 1851632 Terminal Insulator Pkg.

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

## MINOR PARTS SECTION

| Illus. No. | Name                                                       | Part No. | Used on Models                                                        |
|------------|------------------------------------------------------------|----------|-----------------------------------------------------------------------|
|            | <b>MISCELLANEOUS—Continued</b>                             |          |                                                                       |
| 58         | CABLE.....                                                 | 1909848  | 1108851-2-3-4-7-8-9; 60-3-4-5-6-7-8;<br>70-1-2-3-4-5-9                |
| 59         | COLLAR—Between Armature & Center Bearing<br>(1½ O.D.)..... | 1909529  | 1108851-2-3-4-5-6-7-8-9; 60-1-2-4-5-6-9;<br>70-5-7-8-9; 80            |
| 59         | COLLAR—Between Armature & Center Bearing<br>(1⅝ O.D.)..... | 1919853  | 1108851-2-3-4-5-6-7-8-9; 60-1-2-3-4-5-6-<br>9; 70-5-7-8-9; 80         |
| 60         | GASKET—Center Bearing.....                                 | 1914867  | 1108851-2-3-4-7-8-9; 60; 77-8; 80                                     |
| ....       | GASKET—Cover Band.....                                     | 1909553  | All                                                                   |
| ....       | GASKET—On Shift Lever Shaft.....                           | 1909531  | 1108851-2-3-4-7-8-9; 60                                               |
| ....       | INSULATOR—Field Coil (1⅞x1¼).....                          | 820171   | 1108851-2-3-4-5-6-7-8-9; 60-1-2-3-4-5-6-<br>7-8-9; 70-2-3-4-5; 80     |
| ....       | INSULATOR—Field Coil (8½x1¼).....                          | 1863173  | 1108851-2-3-4-5-6-7-8-9; 60-1-2-3-4-5-6-<br>7-8-9; 70-2-3-4-5-8-9; 80 |
| ....       | INSULATOR—Field Coil (Triangle).....                       | 1914873  | 1108851-2-3-4-5-6-7-8-9; 60-1-2-3-5-7-8-<br>9; 70-1-2-3-4-5-7-9       |
| 61         | LEAD—Solenoid to C.E. Terminal.....                        | 1908675  | 1108851-2-3-4-7-8-9; 60-3-64; 5-6-7-8;<br>70-2-3-4-5-9                |
| 61         | LEAD—Solenoid to C.E. Terminal.....                        | 1911803  | 1108871                                                               |
| 62         | LINK (& Screw)—Shift Lever.....                            | 1909576  | 1108851-2-3-4-7-8-9; 60-4-5-6; 70-5-9                                 |
| 62         | LINK (& Screw)—Shift Lever.....                            | 1881381  | 1108863-7-8; 71-2-3-4                                                 |
| 63         | OILER—D.E.....                                             | 114998   | 1108851-2-3-4-7-8-9; 60                                               |
| 64         | PIN—Shift Lever.....                                       | 1857826  | 1108851-2-3-4-7-8-9; 60-3-4-5-6-7-8;<br>70-1-2-3-4-5-9                |
| 65         | PIN—Cotter—Shift Lever.....                                | 112726   | 1108851-2-3-4-7-8-9; 60-3-4-5-6-7-8;<br>70-1-2-3-4-5-9                |
| 66         | PIN—Cotter—Pinion Stop.....                                | 1872652  | 1108851-2-3-4-7-8-9; 60-3-4-5-6-7-8;<br>70-1-2-3-4-5-9                |
| 67         | PLUG—Expansion—C.E.....                                    | 103893   | All                                                                   |
| 68         | PLUG—Pipe—C.E.....                                         | 453465   | All                                                                   |
| 69         | PLUG—Pipe—In Drive Housing.....                            | 453465   | All                                                                   |
| 70         | SEAL—Oil—In Center Bearing.....                            | 1909498  | 1108851-2-3-4-7-8-9; 60; 77-8; 80                                     |
| 71         | SHOE—Pole.....                                             | 1907482  | All                                                                   |
| 72         | SPRING—Shift Lever.....                                    | 1864020  | 1108851-2-3-4-7-8-9; 60-3-4-5-6-7-8;<br>70-1-2-3-4-5-9                |
| 73         | STUD—Field Terminal.....                                   | 1861906  | All                                                                   |
| ....       | STUD—Terminal—C.E.....                                     |          | Not sold separately                                                   |
| 74         | WICK—Oil—C.E.....                                          | 1916439  | All                                                                   |
| 75         | WICK—Oil—D.E.....                                          | 1916439  | All                                                                   |
| 76         | Woodruff KEY.....                                          | 124546   | 1108855-6; 61-2-9; 77-8; 80                                           |



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

| Model No. | Arma-<br>ture | Field<br>Coil<br>—<br>L.H. | Field<br>Coil<br>—<br>R.H. | Plate<br>—<br>Center<br>Bearing | Housing<br>—<br>Drive | Switch   | Lever<br>—<br>Shift | Sleeve<br>—<br>Shift | Guide<br>—<br>Pinion | Spring<br>—<br>Meshing | Pinion  | Collar<br>—<br>Stop | Drive<br>Assem-<br>bly |
|-----------|---------------|----------------------------|----------------------------|---------------------------------|-----------------------|----------|---------------------|----------------------|----------------------|------------------------|---------|---------------------|------------------------|
|           | 1             | 2                          | 3                          | 4                               | 5                     | 6        | 7                   | 8                    | 9                    | 10                     | 11      | 12                  | 13                     |
| 1108881   | 1911168       | 1911217                    | 1911221                    | 1937113                         | 1885530               | 11119803 | 1864012             | 1906082              | 1906081              | 1906080                | 1944859 | 1872650             | .....                  |
| 1108882   | 1921110       | "                          | "                          | 1909496                         | 1909579               | "        | "                   | "                    | "                    | "                      | 1928985 | x                   | .....                  |
| 1108883   | 1911168       | †                          | †                          | 1937113                         | 1885535               | 11118172 | "                   | "                    | "                    | "                      | "       | 1872650             | .....                  |
| 1108887   | 1935529       | 1911217                    | 1911221                    | 1909603                         | 1909601               | "        | "                   | "                    | "                    | "                      | "       | "                   | 188529                 |
| 1108891   | 1921110       | †                          | †                          | 1909496                         | 1909579               | 11118172 | 1864012             | 1906082              | 1906081              | 1906080                | 1928985 | x                   | .....                  |
| 1108892   | 1921117       | *                          | *                          | "                               | "                     | "        | "                   | 1907636              | 1906149              | "                      | 1922761 | •                   | .....                  |
| 1108893   | 1911168       | †                          | †                          | 1937113                         | 1911323               | "        | "                   | 1906082              | 1906081              | "                      | 1928985 | 1872650             | .....                  |
| 1108894   | 1918052       | 1911217                    | 1911221                    | 1918048                         | 1918044               | 11119803 | 1914253             | "                    | "                    | "                      | "       | "                   | .....                  |
| 1108895   | "             | †                          | †                          | "                               | "                     | 11119804 | "                   | "                    | "                    | "                      | "       | "                   | .....                  |
| 1108896   | 1921110       | 1911217                    | 1911221                    | 1932529                         | 1878404               | 11118099 | 1864012             | 1906082              | 1906081              | 1906080                | 1944859 | x                   | .....                  |

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

†1909753 Field Coil (Shunt)—Upper—R.H.; 1911291 Field Coil—Lower—R.H.

1909754 Field Coil (Shunt)—Lower—L.H.; 1911289 Field Coil—Upper—L.H.

\*1909757 Field Coil (Shunt)—Upper—R.H.; 1911434 Field Coil—Lower—R.H.

1909758 Field Coil (Shunt)—Lower—L.H.; 1911438 Field Coil—Upper—L.H.

ΔFor parts see Switch—Group 101-A.

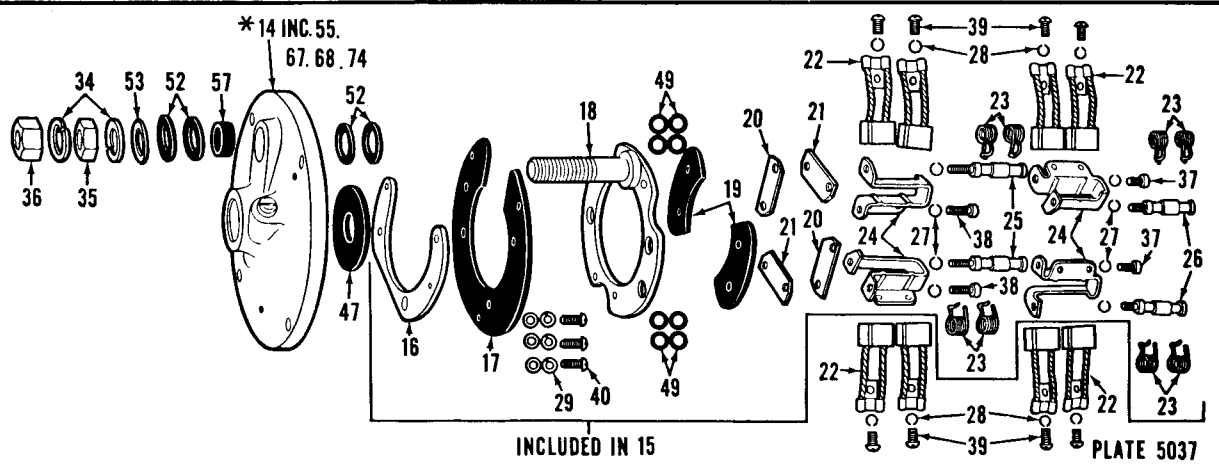
■Includes Oil Seal (70) when necessary.

ΔEarly units used 1918079 (w/straight external splines). Later units use 1932031 (w/curved external splines). See Motor Drive—Group 7 for parts.

\*Early design Stop No. 1872650 has 1/8" long spline and 3/2" dia. pin hole. New design Stop 1916223 is splined full length and has 1/8" dia. pin hole.

\*Early design Stop No. 1872651 has 1/8" long spline and 3/2" dia. pin hole. New design Stop No. 1916224 is splined full length and has 1/8" dia. pin hole.

ΔFor service parts see Motor Drive—Group 9.



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

| Model<br>No. | ▲<br>Frame<br>—<br>C.E. | Plate<br>Assem.<br>less<br>Brushes | Plate<br>—<br>Support | Insu-<br>lator<br>—<br>Brush<br>Plate | Plate<br>and<br>Stud | Insu-<br>lator<br>—<br>Brush<br>Holder | Plate<br>—<br>Space<br>—<br>Insul.<br>Holder | Plate<br>—<br>Space<br>—<br>Grd.<br>Holder | Brush<br>(8 req'd) | Spring<br>—<br>Brush | Holder<br>—<br>Brush | Screw<br>—<br>Insul.<br>Holder | Screw<br>—<br>Grd.<br>Holder |
|--------------|-------------------------|------------------------------------|-----------------------|---------------------------------------|----------------------|----------------------------------------|----------------------------------------------|--------------------------------------------|--------------------|----------------------|----------------------|--------------------------------|------------------------------|
|              | 14                      | 15                                 | 16                    | 17                                    | 18                   | 19                                     | 20                                           | 21                                         | 22                 | 23                   | 24                   | 25                             | 26                           |
| 108881       | 1909514                 | 1909527                            | 1874847               | 1909523                               | 1907467              | 1965093                                | 1874848                                      | 1874851                                    | 1906909            | 1861785              | 1907475              | 1904982                        | 1928500                      |
| 108882       | "                       | "                                  | "                     | "                                     | "                    | "                                      | "                                            | "                                          | "                  | "                    | "                    | "                              | "                            |
| 108883       | "                       | "                                  | "                     | "                                     | "                    | "                                      | "                                            | "                                          | "                  | "                    | "                    | "                              | "                            |
| 108887       | "                       | "                                  | "                     | "                                     | "                    | "                                      | "                                            | "                                          | "                  | "                    | "                    | "                              | "                            |
| 108891       | "                       | "                                  | "                     | "                                     | "                    | "                                      | "                                            | "                                          | "                  | "                    | "                    | "                              | "                            |
| 108892       | "                       | "                                  | "                     | "                                     | "                    | "                                      | "                                            | "                                          | "                  | "                    | "                    | "                              | "                            |
| 108893       | "                       | "                                  | "                     | "                                     | "                    | "                                      | "                                            | "                                          | "                  | "                    | "                    | "                              | "                            |
| 108894       | "                       | "                                  | "                     | "                                     | "                    | "                                      | "                                            | "                                          | "                  | "                    | "                    | "                              | "                            |
| 108895       | "                       | "                                  | "                     | "                                     | "                    | "                                      | "                                            | "                                          | "                  | "                    | "                    | "                              | "                            |
| 108896       | "                       | "                                  | "                     | "                                     | "                    | "                                      | "                                            | "                                          | "                  | "                    | "                    | "                              | "                            |

▲Includes Brake Washer (47).

Revised to March 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              |
|----------------------|----------------------------------------------------------------------|----------|-----------------------------|
| <b>LOCK WASHERS</b>  |                                                                      |          |                             |
| 27                   | Lock Washer—Brush Holder Screw.....                                  | 453435   | 1108881-2-3-7; 91-2-3-4-5-6 |
| 28                   | Lock Washer—Brush Lead Attaching Screw.....                          | 453844   | 1108881-2-3-7; 91-2-3-4-5-6 |
| 29                   | Lock Washer—Brush Plate Assembly Attaching Screw.....                | 453844   | 1108881-2-3-7; 91-2-3-4-5-6 |
| 30                   | Lock Washer—C.E. Frame Attaching Screw.....                          | 9421423  | 1108881-2-3-7; 91-2-3-4-5-6 |
| 31                   | Lock Washer—Drive Housing Attaching Screw.....                       | 9421423  | 1108881-2-3-7; 91-2-6       |
| 32                   | Lock Washer—Drive Housing Cover Screw.....                           | 9421423  | All                         |
| 33                   | Lock Washer—Switch Attaching Screw.....                              | 9421423  | 1108881-2-3; 91-2-3-4-5-6   |
| 34                   | Lock Washer—Terminal Stud.....                                       | 9421427  | 1108881-2-3-7; 91-2-3-4-5-6 |
| <b>NUTS</b>          |                                                                      |          |                             |
| 35                   | Nut—Terminal Stud ( $\frac{5}{16}$ thk.).....                        | 120238   | 1108881-2-3-7; 91-2-3-4-5-6 |
| 36                   | Nut—Terminal Stud ( $\frac{7}{16}$ thk.).....                        | 120378   | 1108881-2-3-7; 91-2-3-4-5-6 |
| <b>SCREWS</b>        |                                                                      |          |                             |
| 37                   | Screw—Brush Holder—Grounded.....                                     | 1914580  | 1108881-2-3-7; 91-2-3-4-5-6 |
| 38                   | Screw—Brush Holder—Insulated.....                                    | 1968656  | 1108881-2-3-7; 91-2-3-4-5-6 |
| 39                   | Screw—Brush Lead Attaching.....                                      | 453461   | 1108881-2-3-7; 91-2-3-4-5-6 |
| 40                   | Screw—(& Washer) Brush Plate Assembly Attach.....                    | 1847807  | 1108881-2-3-7; 91-2-3-4-5-6 |
| 41                   | Screw—C.E. Frame Attaching.....                                      | 1914869  | 1108881-2-3-7; 91-2-3-4-5-6 |
| 42                   | Screw—Cover Band.....                                                | 453479   | 1108881-2-3-7; 91-2-3-4-5-6 |
| 43                   | Screw—Drive Housing Attaching.....                                   | 1913128  | 1108881-2-3-7; 91-2-3-4-5-6 |
| 43                   | Screw—Drive Housing Attaching ( $\frac{1}{4}$ -28x1).....            | 1914869  | 1108894-5                   |
| 44                   | Screw—Drive Housing Cover Attaching.....                             | 455576   | 1108881-2-3; 91-2-3-6       |
| 45                   | Screw—Pole Shoe.....                                                 | 1913100  | 1108881-2-3-7; 91-2-3-4-5-6 |
| 46                   | Screw—Switch Attaching.....                                          | 1930611  | 1108881-2-3; 91-2-3-4-5-6   |
| <b>WASHERS</b>       |                                                                      |          |                             |
| ....                 | Washer—Brake—Between Center Bearing & Drive Assembly.....            | 1911644  | 1108894-5                   |
| 47                   | Washer—Brake—C.E.—Fibre.....                                         | 1858490  | 1108881-2-3-7; 91-2-3-4-6   |
| 48                   | Washer—Brake Shoe.....                                               | 1856819  | 1108881-2-3-7; 91-2-3-6     |
| ....                 | Washer—Brush Plate Assembly Screw—Plain.....                         | 1913086  | 1108881-2-3-7; 91-2-3-4-5-6 |
| 49                   | Washer—Brush Holder Screw—Insulation Bushing.....                    | 1913080  | 1108881-2-3-7; 91-2-3-4-5-6 |
| ....                 | Washer—Drive Housing Attaching—Plain.....                            | 1904987  | 1108887                     |
| ....                 | Washer—Space—Between Armature & Center Bearing.....                  | 1921319  | 1108894-5                   |
| 50                   | Washer—Space—Between Center Bearing & Shift Sleeve.....              | 1906089  | 1108881-2-3; 91-2-3-6       |
| 51                   | Washer—Space—Between Center Bearing & Shift Sleeve—Cupped.....       | 1906090  | 1108881-2-3; 91-2-3-6       |
| ....                 | Washer—Space—C.E.....                                                | 1905014  | 1108894-5                   |
| 52                   | Washer—Terminal Stud—Insulation ( $\frac{7}{8}$ O.D.).....           | 1861791  | 1108881-2-3-7; 91-2-3-4-5-6 |
| 53                   | Washer—Terminal Stud Plain.....                                      | 811912   | 1108881-2-3-7; 91-2-3-4-5-6 |
| <b>MISCELLANEOUS</b> |                                                                      |          |                             |
| 54                   | BAND—Cover.....                                                      | 1909550  | 1108881-2-3-7; 91-2-3-4-5-6 |
| ....                 | BUSHING—Center Bearing.....                                          | 1916389  | 1108894-5                   |
| ....                 | BUSHING—Center Bearing.....                                          | †        | 1108882-7; 91-2-6           |
| ....                 | BUSHING—Center Bearing.....                                          | x        | 1108881-3; 93               |
| 55                   | BUSHING—C.E.....                                                     | 38273    | 1108881-2-3-7; 91-2-3-4-5-6 |
| 56                   | BUSHING—D.E.....                                                     | 1856826  | 1108882; 91-2-6             |
| 56                   | BUSHING—D.E.....                                                     | 1942995  | 1108887                     |
| 56                   | BUSHING—D.E.....                                                     | 1943580  | 1108894-5                   |
| 56                   | BUSHING—D.E.....                                                     | 1938754  | 1108881-3; 93               |
| 57                   | BUSHING—Insul. Terminal Stud.....                                    | #        | 1108881-2-3-7; 91-2-3-4-5-6 |
| 58                   | CABLE.....                                                           | 1909848  | 1108881-2-3; 91-2-3-4-5-6   |
| 59                   | COLLAR—Between Armature & Center Bearing ( $1\frac{1}{2}$ O.D.)..... | 1909529  | 1108882-7; 96               |
| 59                   | COLLAR—Between Armature & Center Bearing ( $1\frac{1}{2}$ O.D.)..... | 1919853  | 1108882-7; 91-2-6           |
| ....                 | GASKET—On Shift Lever Shaft.....                                     | 114659   | 1108882; 91-2               |
| 60                   | GASKET—Center Bearing.....                                           | 1910353  | 1108882; 91-2               |

†In early design Bearing Plate (without Pipe Plug), Bushing not serviceable. In later design (with Pipe Plug) use 1921660 Bushing, 125947 Pipe Plug and 1920400 Wick.

\*In early design Bearing Plate (no Retainer Ring), Bushing not serviceable. In later design Bearing Plate (with Retainer Ring) (use 1921660 Bushing, 1921663 Wick, 1921662 Plate (Wick Retainer), and 1936649 Lock Ring.

#For Service use 1851632 Terminal Insulator Pkg.

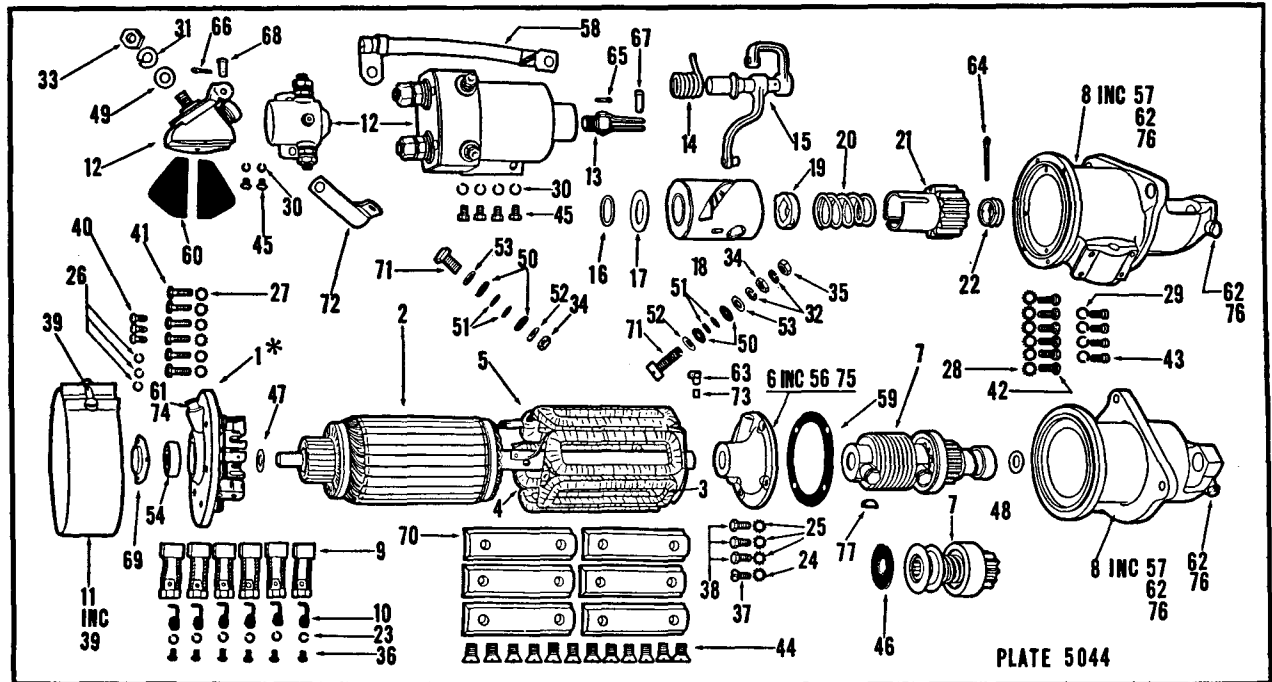
Parts not listed in this Catalog will not be sold separately.

## MINOR PARTS SECTION

| Illus.<br>No. | Name                                                           | Part No. | Used on Models              |
|---------------|----------------------------------------------------------------|----------|-----------------------------|
|               | <b>MISCELLANEOUS—Continued</b>                                 |          |                             |
| .....         | GASKET—Cover Band.....                                         | 1909553  | 1108881-2-3-7; 91-2-3-4-5-6 |
| .....         | INSULATION—Field Coil (1 $\frac{1}{8}$ x1 $\frac{1}{4}$ )..... | 820171   | 1108887                     |
| .....         | INSULATION—Field Coil (8 $\frac{1}{2}$ x1 $\frac{1}{4}$ )..... | 1863173  | 1108887                     |
| .....         | INSULATION—Field Coil (1 $\frac{1}{8}$ x2).....                | 1868835  | 1108882-7; 91-2-3-5         |
| .....         | INSULATION—Field Coil (Triangle).....                          | 1914873  | 1108881; 94-6               |
| 61            | LEAD—Switch to Field Terminal.....                             | 1908675  | 1108881-2-3; 92-3-4-6       |
| 61            | LEAD—Switch to Field Terminal.....                             | 1953236  | 1108891-5                   |
| 62            | LINK (& Screw) Assembly.....                                   | 1909576  | 1108882; 91-2-6             |
| 62            | LINK (& Screw) Assembly.....                                   | 1881381  | 1108881-3; 93               |
| .....         | LINK (& Screw)—Shift Lever.....                                | 1917672  | 1108894-5                   |
| 63            | OILER—D.E.....                                                 | 114998   | 1108882                     |
| 64            | PIN—Shift Lever.....                                           | 1857826  | 1108881-2-3; 91-2-3-6       |
| 64            | PIN—Shift Lever.....                                           | 1914258  | 1108894-5                   |
| 65            | PIN—Cotter—Shift Lever.....                                    | 112726   | 1108881-2-3; 91-2-3-4-5-6   |
| 66            | PIN—Cotter—Pinion Stop.....                                    | 454490   | 1108881-2-3; 91-2-3-6       |
| .....         | PIN—Dowel—Shift Lever Shaft.....                               | 455776   | 1108894-5                   |
| .....         | PIN—Plunger Spring Retainer.....                               | 1917678  | 1108894-5                   |
| 67            | PLUG—Expansion—C.E.....                                        | 103893   | 1108881-2-3-7; 91-2-3-4-5-6 |
| 68            | PLUG—Pipe—C.E.....                                             | 453465   | 1108881-2-3-7; 91-2-3-4-5-6 |
| .....         | PLUG—Pipe—In Center Bearing.....                               | 453465   | 1108882-7; 91-2-6           |
| 69            | PLUG—Pipe—In Drive Housing.....                                | 453465   | 1108881-3-7; 91-2-3-4-5-6   |
| .....         | RETAINER—Plunger Spring.....                                   | 1917677  | 1108894-5                   |
| .....         | RETAINER—Wick—Center Bearing.....                              | 1916386  | 1108894-5                   |
| 70            | SEAL—Oil—In Center Bearing.....                                | 1909498  | 1108882; 91-2               |
| .....         | SHAFT—Shift Lever.....                                         | 1914257  | 1108894-5                   |
| 71            | SHOE—Pole.....                                                 | 1907482  | 1108881-2-3-7; 91-2-3-4-5-6 |
| .....         | SPRING—Plunger Return.....                                     | 1917676  | 1108894-5                   |
| 72            | SPRING—Shift Lever.....                                        | 1864020  | 1108881-2-3; 91-2-3-6       |
| 73            | STUD—Field Terminal.....                                       | 1861906  | 1108881-2-3-7; 91-2-3-5-6   |
| .....         | STUD—Terminal—C.E.....                                         |          | Not sold separately         |
| .....         | WICK—Oil—Center Bearing.....                                   | 1947350  | 1108894-5                   |
| 74            | WICK—Oil—C.E.....                                              | 1916439  | 1108881-2-3-7; 91-2-3-4-5-6 |
| 75            | WICK—Oil—D.E.....                                              | 1916439  | 1108881-2-3-7; 91-2-3-4-5-6 |
| 76            | Woodruff KEY.....                                              | 124546   | 1108887                     |

Revised to February 1, 1966

SERVICE PARTS CATALOG



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

| Model No.    | * Frame<br>—<br>C.E. | Armature | △Field<br>Coil<br>—<br>L.H. | △Field<br>Coil<br>—<br>Lower | Field<br>Coil<br>—<br>R.H. | Plate<br>—<br>Center<br>Bearing | Drive<br>—<br>Assembly | Housing<br>—<br>Drive | Brush   | Spring<br>—<br>Brush | Band<br>—<br>Cover |
|--------------|----------------------|----------|-----------------------------|------------------------------|----------------------------|---------------------------------|------------------------|-----------------------|---------|----------------------|--------------------|
|              | 1                    | 2        | 3                           | 4                            | 5                          | 6                               | 7                      | 8                     | 9       | 10                   | 11                 |
| 1108900..... | 1902739              | 1835960  | 16820                       | 16818                        | 16819                      | 1839177                         | □1881148               | 1881197               | 16083   | 34846                | 1843611            |
| 1108901..... | 1862119              | 1868184  | 38279                       | .....                        | 38278                      | 1917226                         | .....                  | 1868182               | 38367   | "                    | "                  |
| 1108902..... | .....                | 1868200  | 38275                       | .....                        | 38276                      | .....                           | .....                  | 1868031               | .....   | "                    | "                  |
| 1108903..... | 38290                | 1857480  | 16820                       | 16818                        | 16819                      | 820149                          | □1881148               | 1904065               | 16083   | "                    | 1880355            |
| 1108904..... | "                    | .....    | 38275                       | .....                        | 38276                      | "                               | "                      | .....                 | 38367   | "                    | "                  |
| 1108905..... | "                    | "        | 16820                       | 16818                        | 16819                      | "                               | "                      | "                     | 16083   | "                    | "                  |
| 1108906..... | "                    | 37895    | .....                       | .....                        | .....                      | 16199                           | □1861363               | 1841423               | "       | "                    | "                  |
| 1108907..... | "                    | 1857480  | 38275                       | .....                        | 38276                      | 820149                          | □1857818               | 1904065               | 38367   | "                    | 1843611            |
| 1108908..... | "                    | 37895    | 16820                       | 16818                        | 16819                      | "                               | □1850844               | 1928874               | 16083   | "                    | 1880355            |
| 1108909..... | "                    | 1857480  | 38275                       | .....                        | 38276                      | 820149                          | □1857818               | 1904065               | 38367   | "                    | 1843611            |
| 1108910..... | "                    | 37895    | "                           | "                            | "                          | 16199                           | □1861363               | 1841423               | "       | "                    | 1880355            |
| 1108911..... | "                    | 1878157  | "                           | .....                        | "                          | 820149                          | □1881585               | 1883514               | "       | "                    | 1843611            |
| 1108912..... | "                    | 1860686  | "                           | .....                        | "                          | .....                           | .....                  | 1860685               | "       | "                    | "                  |
| 1108913..... | "                    | 1857480  | 38279                       | .....                        | 38278                      | 820149                          | □1883648               | 1904065               | "       | "                    | 1880355            |
| 1108914..... | "                    | 1884069  | 16820                       | 16818                        | 16819                      | "                               | *1874133               | 1884075               | 16083   | "                    | "                  |
| 1108915..... | "                    | 1857480  | "                           | "                            | "                          | "                               | □1884915               | 1884913               | "       | "                    | "                  |
| 1108916..... | "                    | "        | 16837                       | 16835                        | 16836                      | "                               | □1883648               | 1904065               | "       | "                    | "                  |
| 1108917..... | "                    | "        | 38275                       | .....                        | 38276                      | 1880679                         | □1881148               | 1877703               | 38367   | "                    | "                  |
| 1108918..... | "                    | 37895    | 16820                       | 16818                        | 16819                      | 1865883                         | □1882486               | 1861643               | 16083   | "                    | "                  |
| 1108919..... | "                    | 1884069  | 38275                       | .....                        | 38276                      | 820149                          | *1874133               | 1886997               | 38367   | "                    | "                  |
| 1108920..... | "                    | 1857480  | 16820                       | 16818                        | 16819                      | "                               | □1857818               | 1887108               | 16083   | "                    | "                  |
| 1108921..... | "                    | "        | .....                       | .....                        | .....                      | "                               | "                      | .....                 | "       | "                    | "                  |
| 1108922..... | "                    | "        | 38275                       | .....                        | 38276                      | "                               | "                      | 1889377               | 38367   | "                    | "                  |
| 1108923..... | "                    | "        | "                           | .....                        | "                          | "                               | "                      | 1889501               | "       | "                    | "                  |
| 1108925..... | "                    | "        | "                           | .....                        | "                          | "                               | □1881148               | 1904065               | "       | "                    | "                  |
| 1108927..... | 1905317              | 1905176  | "                           | .....                        | "                          | 1905157                         | *1905319               | 1906109               | 1905044 | 1905146              | 1905159            |
| 1108928..... | 1905182              | "        | 38279                       | .....                        | 38278                      | "                               | *1905177               | 1905998               | "       | "                    | "                  |
| 1108929..... | 1905174              | "        | "                           | .....                        | "                          | "                               | "                      | 1906109               | "       | "                    | "                  |
| 1108930..... | 1905987              | "        | 38275                       | .....                        | 38276                      | "                               | *1905319               | 1905998               | "       | "                    | "                  |
| 1109753..... | 38290                | 37895    | 16820                       | 16818                        | 16819                      | 820149                          | □1850844               | 1928874               | 16083   | 34846                | 1880355            |

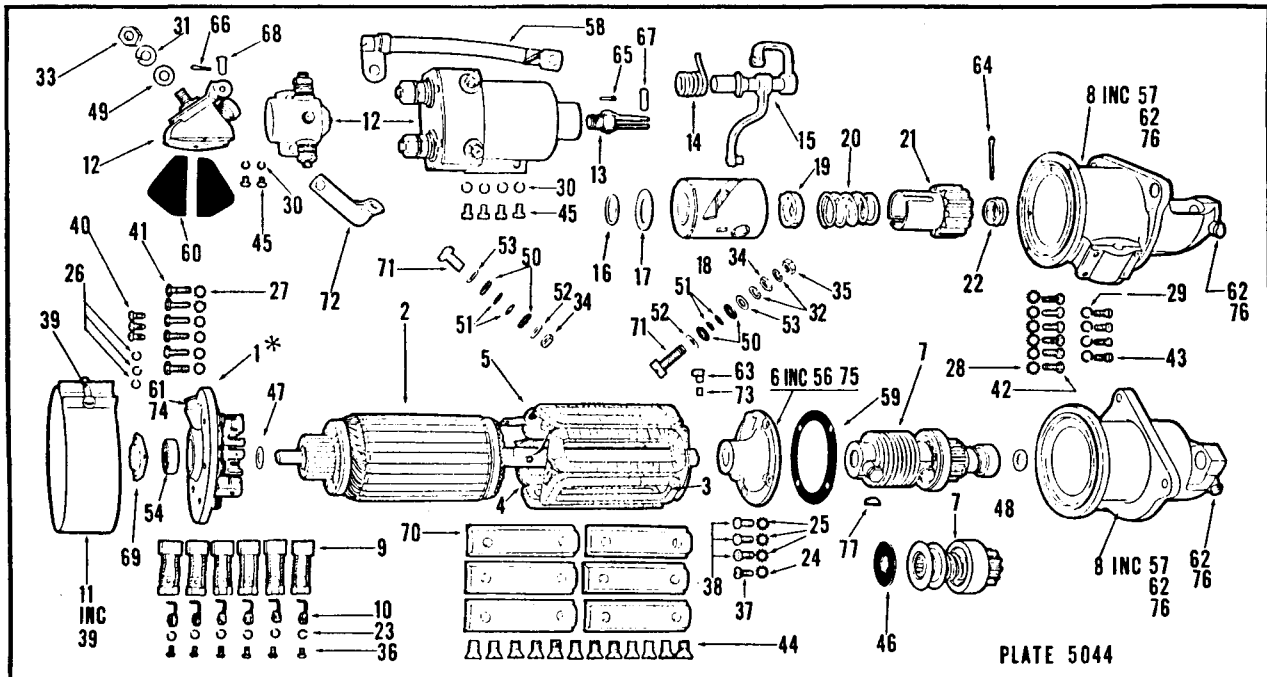
\*C.E. Frame includes (when necessary) Bushing (55), Oiler (61), Wick (74) and Expansion Plug.

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

□For parts see Motor Drive—Group 1.

\*For parts see Motor Drive—Group 1-A.

\*For parts see Motor Drive—Group 4.



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

| Model No. | Switch   | Link (&Screw) | Spring — Shift Lever | Lever — Shift | Washer — Space | Washer — Space (Cupped) | Sleeve — Shift | Guide — Pinion | Spring — Meshing | Pinion  | Collar — Stop |
|-----------|----------|---------------|----------------------|---------------|----------------|-------------------------|----------------|----------------|------------------|---------|---------------|
|           | 12       | 13            | 14                   | 15            | 16             | 17                      | 18             | 19             | 20               | 21      | 22            |
| 1108900   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108901   | *1118046 | 1857824       | 1865131              | 1864012       | 1906089        | 1906090                 | 1857390        | 1857392        | 1906080          | 1923292 | 1872651       |
| 1108902   | *1118036 | "             | 1864020              | "             | "              | "                       | 1856831        | 1906081        | "                | 1944860 | 1872650       |
| 1108903   | 1872405  |               |                      |               |                |                         |                |                |                  |         |               |
| 1108904   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108905   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108906   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108907   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108908   | 1932131  |               |                      |               |                |                         |                |                |                  |         |               |
| 1108909   | *1118008 |               |                      |               |                |                         |                |                |                  |         |               |
| 1108910   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108911   | *1118008 |               |                      |               |                |                         |                |                |                  |         |               |
| 1108912   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108913   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108914   | 820052   |               | 1915667              | 1884071       |                |                         |                |                |                  |         |               |
| 1108915   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108916   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108917   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108918   | *1571    |               |                      |               |                |                         |                |                |                  |         |               |
| 1108919   | 820052   |               | 1915667              | 1884071       |                |                         |                |                |                  |         |               |
| 1108920   | 1872405  |               |                      |               |                |                         |                |                |                  |         |               |
| 1108921   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108922   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108923   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108925   | 1872405  |               |                      |               |                |                         |                |                |                  |         |               |
| 1108927   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108928   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108929   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1108930   |          |               |                      |               |                |                         |                |                |                  |         |               |
| 1109753   |          |               |                      |               |                |                         |                |                |                  |         |               |

‡For parts see Magnetic Switch—Group 2-A.  
\*For parts see Magnetic Switch—Group 4.  
\*For parts see Solenoid Switch—Group 103.

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

# MINOR PARTS SECTION

| Illus. No.          | Name                                                             | Part No. | Used on Models                                                                             |
|---------------------|------------------------------------------------------------------|----------|--------------------------------------------------------------------------------------------|
| <b>LOCK WASHERS</b> |                                                                  |          |                                                                                            |
| 23                  | Lock Washer—Brush Lead Screw.....                                | 453844   | All                                                                                        |
| 24                  | Lock Washer—Center Bearing Attaching Screw<br>(Countersunk)..... | 138484   | 1108900-1-2                                                                                |
| 24                  | Lock Washer—Center Bearing Attaching Screw<br>(Countersunk)..... | 1905051  | 1108927-8-9; 30                                                                            |
| 25                  | Lock Washer—Center Bearing Attaching Screw.....                  | 138484   | 1108900-1-2; 18                                                                            |
| 25                  | Lock Washer—Center Bearing Attaching Screw.....                  | 1962276  | 1108903-4-5-7-8-9; 11-13-14-15-16-17-19;<br>20-1-2-3-5; 1109753                            |
| 25                  | Lock Washer—Center Bearing Attaching Screw.....                  | 9421423  | 1108906; 10                                                                                |
| 25                  | Lock Washer—Center Bearing Attaching Screw.....                  | 1905048  | 1108927-8-9; 30                                                                            |
| 26                  | Lock Washer—Cover Plate Screw—C.E.....                           | 453435   | 1108900-5-14; 27-8-9; 30                                                                   |
| 27                  | Lock Washer—C.E. Frame Attaching Screw.....                      | 138484   | 1108900-1-2                                                                                |
| 27                  | Lock Washer—C.E. Frame Attaching Screw.....                      | 453435   | 1108903-4-6-7-8-9; 10-11-12-13-15-16-17-<br>18-19; 20-1-2-3-5; 1109753                     |
| 27                  | Lock Washer—C.E. Frame Attaching Screw.....                      | 138479   | 1108927-8-9; 30                                                                            |
| 28                  | Lock Washer—Drive Housing Attaching Screw.....                   | 138484   | 1108900-1-2                                                                                |
| 28                  | Lock Washer—Drive Housing Attaching Screw.....                   | 453435   | 1108903-4-5-6-7-8-9; 10-11-12-13-14-15-<br>16-17-18-19; 20-1-2-3-5; 1109753                |
| 28                  | Lock Washer—Drive Housing Attaching Screw.....                   | 138479   | 1108927-8-9; 30                                                                            |
| 29                  | Lock Washer—Drive Housing Cover Plate Screw.....                 | 9421423  | 1108901-2                                                                                  |
| ---                 | Lock Washer—Shift Lever Adjusting Screw.....                     | 9421424  | 1108914-19                                                                                 |
| ---                 | Lock Washer—Shift Lever Stud.....                                | 9421425  | 1108914-19                                                                                 |
| 30                  | Lock Washer—Switch Attaching Screw.....                          | 9421423  | 1108901-2-8; 11-18                                                                         |
| 30                  | Lock Washer—Switch Attaching Screw.....                          | 453435   | 1108903-8; 14-19; 20-5                                                                     |
| 31                  | Lock Washer—Switch Terminal.....                                 | 9421425  | 1108903-8; 14-19; 20-5                                                                     |
| 32                  | Lock Washer—Terminal Stud.....                                   | 9421425  | 1108900-1-2-4-5-6-7-8-9; 10-11-12-13-15-<br>16-17-18; 21-2-3-7-8-9; 30; 1109753            |
| <b>NUTS</b>         |                                                                  |          |                                                                                            |
| ---                 | Nut—Shaft—D.E.....                                               | 5003117  | 1108912                                                                                    |
| ---                 | Nut—Shift Lever Adjusting Screw.....                             | 120368   | 1108914-19                                                                                 |
| ---                 | Nut—Shift Lever Stud.....                                        | 805258   | 1108914-19                                                                                 |
| 33                  | Nut—Switch Terminal.....                                         | 134566   | 1108903-8; 14-19; 20-5                                                                     |
| 34                  | Nut—Terminal ( $\frac{3}{8}$ thk.).....                          | 805258   | 1108900-1-2-3-4-5-6-7-8-9; 10-11-12-13-<br>14-15-16-17-18-19; 20-1-2-3-5-7-8-9;<br>1109753 |
| 35                  | Nut—Terminal ( $\frac{1}{4}$ thk.).....                          | 134566   | 1108900-1-2-4-5-6-7-8; 10-11-12-13-15-16-<br>17-18; 22-3-7-8-9; 1109753                    |
| ---                 | Nut—Ground Terminal.....                                         | 115343   | 1108909-11                                                                                 |
| <b>SCREWS</b>       |                                                                  |          |                                                                                            |
| 36                  | Screw—Brush Lead Attaching.....                                  | 453461   | All                                                                                        |
| 37                  | Screw—Center Bearing Attaching (Flat hd.).....                   | 120585   | 1108900-1-2; 27-8-9; 30                                                                    |
| 38                  | Screw—Center Bearing Attaching (Hex. hd.).....                   | 1913127  | 1108900-1-2; 27-8-9; 30                                                                    |
| 38                  | Screw—Center Bearing Attaching.....                              | 1904613  | 1108903-4-5-7-8-9; 11-13-14-15-16-17-19;<br>20-1-2-3-5; 1109753                            |
| 38                  | Screw—Center Bearing Attaching.....                              | 828483   | 1108906; 10                                                                                |
| 38                  | Screw—Center Bearing Attaching.....                              | 802795   | 1108918                                                                                    |
| 39                  | Screw—Cover Band.....                                            | 453479   | 1108903-4-5-6-8; 10-13-14-15-16-17-18-19;<br>20-1-2-3-5-7-8-9; 30; 1109753                 |
| 40                  | Screw—Cover Plate Attaching—C.E.....                             | 1904613  | 1108900                                                                                    |
| 40                  | Screw—Cover Plate Attaching—C.E.....                             | 132900   | 1108927-8-9; 30                                                                            |
| 41                  | Screw—C.E. Frame Attaching.....                                  | 37872    | 1108900-3-4-5-8-9; 10-11-12-13-14-15-16-<br>17-18-19; 20-1-2-3-5-7-8-9; 30; 1109753        |
| 41                  | Screw—C.E. Frame Attaching.....                                  | 214602   | 1108901-2                                                                                  |
| 42                  | Screw—Drive Housing Attaching.....                               | 37872    | 1108900-3-4-5-6-7-8-9; 10-11-13-15-16-17-<br>18-19; 20-1-2-3-5-7-8-9; 30; 1109753          |
| 42                  | Screw—Drive Housing Attaching.....                               | 214602   | 1108901-2                                                                                  |
| 42                  | Screw—Drive End Frame Attaching.....                             | 132124   | 1108912                                                                                    |
| 43                  | Screw—Drive Housing Cover Plate Attaching.....                   | 115466   | 1108901-2                                                                                  |
| 44                  | Screw—Pole Shoe.....                                             | 1913960  | All                                                                                        |
| ---                 | Screw—Shift Lever Adjusting.....                                 | 1838393  | 1108914-19                                                                                 |
| 45                  | Screw—Switch Attaching.....                                      | 1917084  | 1108901-2-9-11-18                                                                          |
| 45                  | Screw—Switch Attaching.....                                      | 1904613  | 1108903-8-14-19; 20-5                                                                      |
| <b>WASHERS</b>      |                                                                  |          |                                                                                            |
| ---                 | Washer—Adjusting Screw Space.....                                | 810085   | 1108901-2                                                                                  |
| ---                 | Washer—Brake—C.E. (Fibre).....                                   | 1858490  | 1108901-2                                                                                  |
| ---                 | Washer—Brake Shoe.....                                           | 1856819  | 1108901-2                                                                                  |
| 46                  | Washer—Brake—D.E. (Fibre).....                                   | 821453   | 1108914-19                                                                                 |

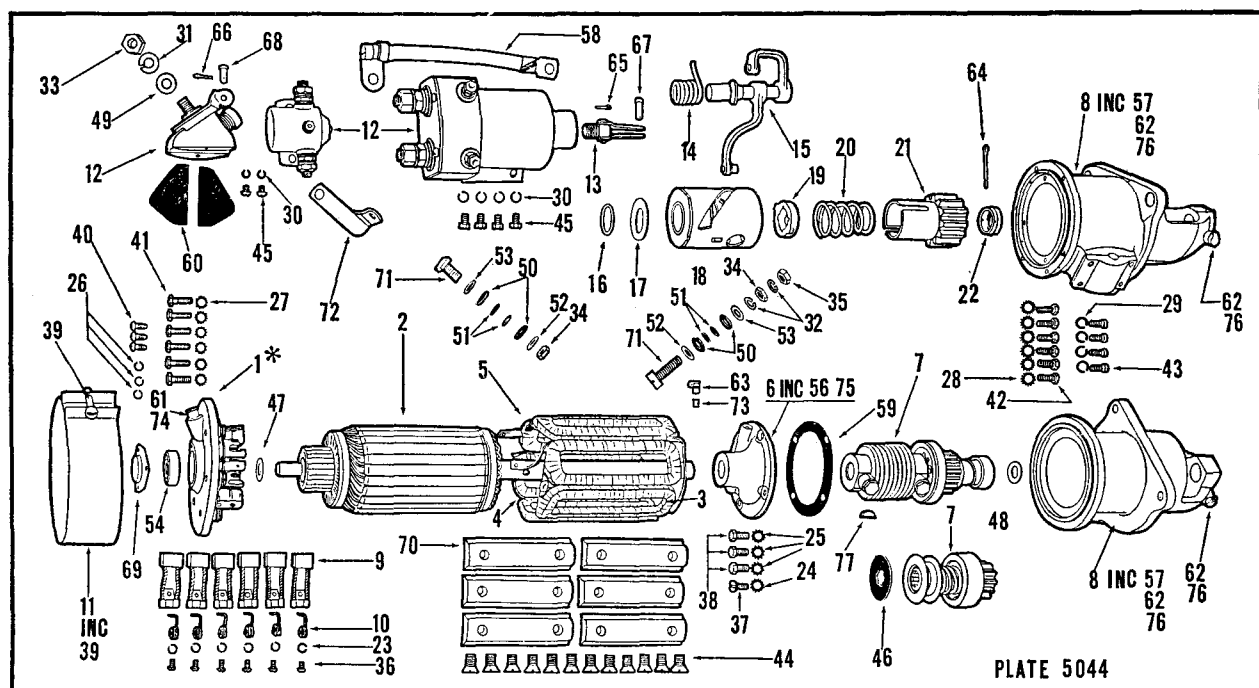
Parts not listed in this Catalog will not be sold separately.

# MINOR PARTS SECTION

| Illus. No.               | Name                                                                             | Part No. | Used on Models                                                                          |
|--------------------------|----------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------------|
| <b>WASHERS—Continued</b> |                                                                                  |          |                                                                                         |
| .....                    | Washer—Felt—Between Center Bearing & Drive.....                                  | 1880520  | 1108908                                                                                 |
| .....                    | Washer—Plain—Between Center Bearing & Drive.....                                 | 1880521  | 1108908                                                                                 |
| .....                    | Washer—Plain—Shaft Nut—D.E.....                                                  | 812664   | 1108912                                                                                 |
| 47                       | Washer—Space—C.E.....                                                            | 1928023  | 1108900-3-4-5-6-7-8-9; 10-11-12-14-15-16-17-18-19; 20-1-2-3-5; 1109753                  |
| 47                       | Washer—Space—C.E.....                                                            | 817051   | 1108913                                                                                 |
| 47                       | Washer—Space—C.E.....                                                            | 817051   | 1108927-8-9; 30                                                                         |
| 48                       | Washer—Space—D.E.....                                                            | 1914842  | 1108906-8; 10-18; 1109753                                                               |
| 48                       | Washer—Space—D.E. ( $\frac{5}{16} \times 1\frac{1}{4} \times \frac{1}{8}$ )..... | 809815   | 1108900                                                                                 |
| 48                       | Washer—Space—D.E. ( $\frac{5}{16} \times 1\frac{1}{4} \times \frac{1}{8}$ )..... | 1849774  | 1108900                                                                                 |
| 48                       | Washer—Space—D.E. ( $\frac{5}{16} \times 1\frac{1}{4} \times \frac{1}{8}$ )..... | 1905178  | 1108927-8-9; 30                                                                         |
| 48                       | Washer—Space—D.E. ( $\frac{5}{16} \times 1\frac{1}{4} \times \frac{1}{8}$ )..... | 1905179  | 1108927-8-9; 30                                                                         |
| 49                       | Washer—Switch Terminal.....                                                      | 805790   | 1108903; 14-19; 20-2-5                                                                  |
| 50                       | Washer—Insul. ( $\frac{3}{4}$ O.D.) Terminal Stud.....                           | 1913959  | 1108900-1-2-3-4-5-6-7-8-9; 10-11-12-13-14-15-16-17-18-19; 20-1-2-3-5-7-8-9; 30; 1109753 |
| 51                       | Washer—( $\frac{1}{8}$ O.D.) Terminal Stud.....                                  | 1913958  | 1108900-1-2-3-4-5-6-7-8-9; 10-11-12-13-14-15-16-17-18-19; 20-1-2-3-5; 1109753           |
| .....                    | Washer—Insul. (1" O.D.) Terminal.....                                            | 1905156  | 1108927-8-9; 30                                                                         |
| .....                    | Washer—"Klingite"—Terminal Stud.....                                             | 1837885  | 1108903-8; 14-19; 20-5                                                                  |
| 52                       | Washer—Plain—Terminal Stud—Inside.....                                           | 812622   | 1108901-2-3-8; 14-19; 20-5                                                              |
| 53                       | Washer—Plain—Terminal Stud—Outside.....                                          | 805790   | 1108900-4-5-6-7-8-9; 10-11-12-13-15-16-17-18; 21-2-3; 1109753                           |
| 53                       | Washer—Plain—Terminal Stud—Outside.....                                          | 812622   | 1108901-2-3-8; 14-19; 20-5                                                              |
| 53                       | Washer—Plain—Terminal Stud—Outside.....                                          | 1905154  | 1108927-8-9; 30                                                                         |
| <b>MISCELLANEOUS</b>     |                                                                                  |          |                                                                                         |
| 54                       | BALL BEARING—C.E.....                                                            | 954519   | 1108900; 27-8-9; 30                                                                     |
| 55                       | BUSHING—C.E.....                                                                 | 38273    | 1108901-2                                                                               |
| 55                       | BUSHING—C.E.....                                                                 | 1839345  | 1108903-4-5-6-7-8-9; 10-11-12-13-14-15-16-17-18-19; 20-1-2-3-5; 1109753                 |
| 56                       | BUSHING—Center Bearing.....                                                      | 1839179  | 1108900; 27-8-9; 30                                                                     |
| 56                       | BUSHING—Center Bearing.....                                                      | 1921660  | 1108901-2                                                                               |
| 56                       | BUSHING—Center Bearing.....                                                      | 820148   | 1108903-4-5-7-8-9; 11-13-14-15-16-19; 20-1-2-3-5; 1109753                               |
| 56                       | BUSHING—Center Bearing.....                                                      | 35048    | 1108906; 10                                                                             |
| 56                       | BUSHING—Center Bearing.....                                                      | 1880825  | 1108917                                                                                 |
| 56                       | BUSHING—Center Bearing.....                                                      | 1926210  | 1108918                                                                                 |
| 57                       | BUSHING—D.E.....                                                                 | 826462   | 1108900; 27-8-9; 30                                                                     |
| 57                       | BUSHING—D.E.....                                                                 | 1862106  | 1108901-2                                                                               |
| 57                       | BUSHING—D.E.....                                                                 | 812410   | 1108903-4-5-7-9; 11-13-16-17; 20-1-2-5                                                  |
| 57                       | BUSHING—D.E.....                                                                 | 810620   | 1108906-8; 10-14-18-19; 1109753                                                         |
| 57                       | BUSHING—D.E.....                                                                 | 1857559  | 1108912                                                                                 |
| 57                       | BUSHING—D.E.....                                                                 | 1884914  | 1108915; 23                                                                             |
| .....                    | BUSHING—Insul.—Terminal Stud.....                                                | 1905155  | 1108927-8-9; 30                                                                         |
| 58                       | CABLE—Switch Connector.....                                                      | 2970848  | 1108901                                                                                 |
| 58                       | CABLE—Switch Connector.....                                                      | 1847199  | 1108902                                                                                 |
| 59                       | GASKET—Center Bearing.....                                                       | 1865195  | 1108900-1-2                                                                             |
| 59                       | GASKET—Center Bearing.....                                                       | 1840069  | 1108918                                                                                 |
| .....                    | INSULATOR—Field Coil ( $1\frac{1}{8} \times 2\frac{1}{8}$ ).....                 | 33345    | 1108900-1-2-6-7-8-9; 10-11-12-13-14-15-16-17-18-19; 20-1-2-5-7-8-9; 30; 1109753         |
| .....                    | INSULATOR—Field Coil ( $1\frac{1}{8} \times 5$ ).....                            | 1902073  | 1108901-5-6-8; 14-15-16; 21; 1109753                                                    |
| .....                    | INSULATOR—Field Coil (Triangle).....                                             | 1914873  | 1108901-2-5-6-8-9; 11-12-13-14-15-16-17-19; 21-2-3-5-7-8-9; 30; 1109753                 |
| 60                       | INSULATOR—Switch side.....                                                       | 816911   | 1108903-8; 14; 20-5                                                                     |
| 60                       | INSULATOR—Switch Side.....                                                       | 1914242  | 1108919                                                                                 |
| .....                    | LEVER—Switch (not supplied by Delco-Remy).....                                   |          | 1108903-8; 20                                                                           |
| 61                       | OILER—C.E.....                                                                   | 1880642  | 1108900-1-2; 12; 27-8-9; 30                                                             |
| 62                       | OILER—D.E.....                                                                   | 1880642  | 1108900-1-2; 12-15; 23-7-8-9; 30                                                        |
| 63                       | OILER—In Field Frame.....                                                        | 1880635  | 1108900-1-2-3-4-5; 27-8-9; 30                                                           |
| 64                       | PIN—Cotter—Pinion Stop.....                                                      | 454490   | 1108901-2                                                                               |
| .....                    | PIN—Cotter—Shaft Nut.....                                                        | 108630   | 1108912                                                                                 |
| 65                       | PIN—Cotter—Shift Lever Pin.....                                                  | 112726   | 1108901-2                                                                               |
| 66                       | PIN—Cotter—Switch Lever Pin.....                                                 | 137130   | 1108903-8; 20-5                                                                         |
| 67                       | PIN—Shift Lever.....                                                             | 1857826  | 1108901-2                                                                               |
| 68                       | PIN—Switch Lever.....                                                            | 1838650  | 1108903-8; 20                                                                           |
| 68                       | PIN—Switch Lever.....                                                            | 1880254  | 1108925                                                                                 |
| 69                       | PLATE—End Cover—C.E.....                                                         | 815868   | 1108900                                                                                 |
| 69                       | PLATE—End Cover—C.E.....                                                         | 1905160  | 1108927-8-9; 30                                                                         |
| .....                    | PLUG—Expansion—C.E.....                                                          | 103893   | 1108901-2                                                                               |

# MINOR PARTS SECTION

| Illus.<br>No. | Name                              | Part No. | Used on Models                                                                |
|---------------|-----------------------------------|----------|-------------------------------------------------------------------------------|
| ....          | MISCELLANEOUS—Continued           |          |                                                                               |
| ....          | PLUG—Expansion—C.E.....           | 810819   | 1108903-4-5-6-7-8-9; 10-11-12-13-14-15-16-17-18-19; 20-1-2-3-5; 1109753       |
| ....          | SEAL—Oil (In Center Bearing)..... | 1867150  | 1108917                                                                       |
| 70            | SHOE—Pole.....                    | 36497    | 1108900-1-2-3-4-5-6-7-8-9; 10-11-12-13-14-15-16-17-18-19; 20-1-2-3-5; 1109753 |
| 70            | SHOE—Pole.....                    | 1905946  | 1108927-8-9; 30                                                               |
| ....          | SUPPORT—Shift Lever Spring.....   | 1835998  | 1108914-19                                                                    |
| ....          | STUD—Ground Terminal.....         | 811249   | 1108909; 11                                                                   |
| ....          | STUD—Shift Lever.....             | 1917078  | 1108914-19                                                                    |
| 71            | STUD—Terminal.....                | 826938   | 1108901-2-3-4-5-6-7-8-9; 10-11-12-13-15-16-17-18; 21-2-3-7-8-9; 30; 1109753   |
| 71            | STUD—Terminal.....                | 1843104  | 1108914-19; 20-5                                                              |
| 72            | STRAP—Connector.....              | 1844810  | 1108909; 11                                                                   |
| 72            | STRAP—Connector.....              | 1866107  | 1108918                                                                       |
| 73            | TUBE—Oil—In Field Frame.....      | 1839180  | 1108900-1-2-3-4-5; 27-8-9; 30                                                 |
| 74            | WICK—Oil—C.E.....                 | 1919851  | 1108900; -1-2; 27-8-9; 30                                                     |
| 75            | WICK—Oil—Center Bearing.....      | 804076   | 1108900; 27-8-9; 30                                                           |
| 76            | WICK—Oil—D.E.....                 | 1919851  | 1108900-1-2; 15; 23-7-8-9; 30                                                 |
| 76            | WICK—Oil—D.E.....                 | 802693   | 1108912                                                                       |
| 77            | Woodruff KEY.....                 | 124546   | 1108900-5-6-7-8-9; 10-13-15-16-17-18; 20-1-2-3-5-7-8-9; 30; 1109753           |



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

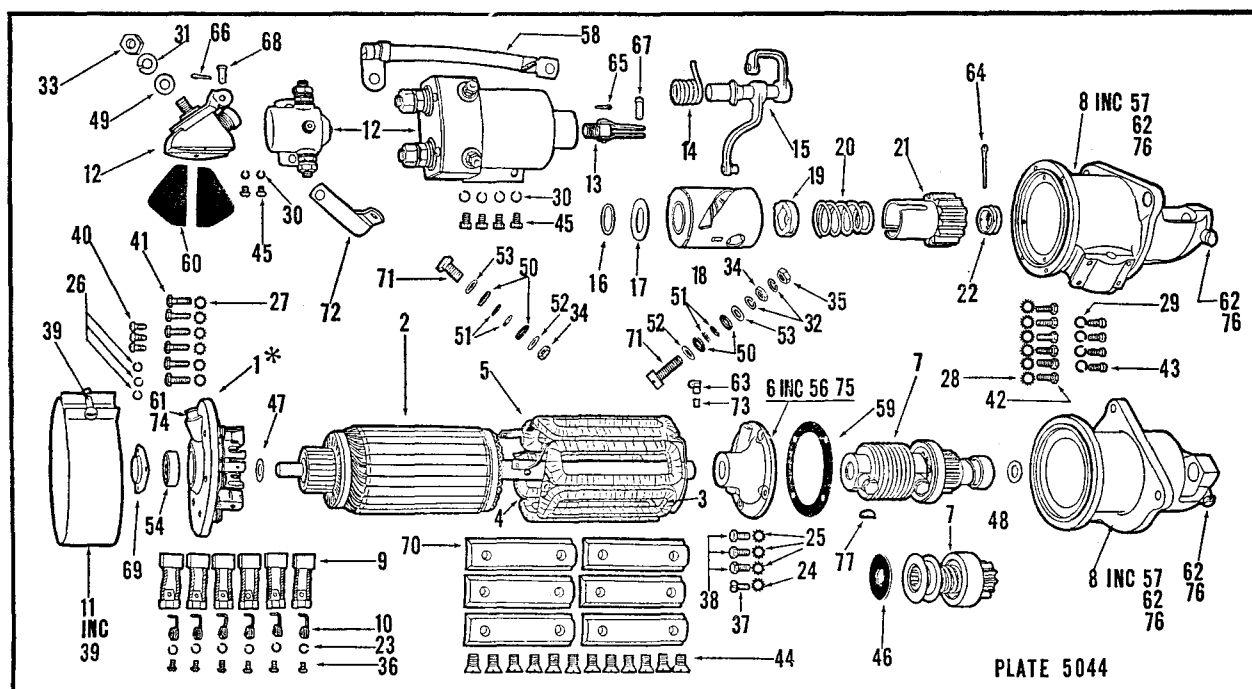
| Model        | *Frame<br>—<br>C. E. | Arma-<br>ture | °Field<br>Coil<br>—<br>L. H. | °Field<br>Coil<br>—<br>Lower | Field<br>Coil<br>—<br>R. H. | Plate<br>—<br>Center<br>Bearing | Drive<br>—<br>Assem. | Housing<br>—<br>Drive | Brush   | Spring<br>—<br>Brush | Band<br>—<br>Cover |
|--------------|----------------------|---------------|------------------------------|------------------------------|-----------------------------|---------------------------------|----------------------|-----------------------|---------|----------------------|--------------------|
|              | 1                    | 2             | 3                            | 4                            | 5                           | 6                               | 7                    | 8                     | 9       | 10                   | 11                 |
| 1108931..... | 1905367              | 1905945       | 38279                        |                              | 38278                       |                                 |                      | 1905997               | 1905044 | 1905146              | 1905159            |
| 1108932..... | "                    | "             | 38275                        |                              | 38276                       |                                 |                      | "                     | "       | "                    | "                  |
| 1108933..... | 38290                | 1857480       | "                            |                              | "                           | 820149                          | †1881148             | 1904065               | 38367   | 34846                | 1880355            |
| 1108936..... | "                    | 37895         | 16820                        | 16818                        | 16819                       | 1865883                         | †1850844             | 1837251               | 16083   | "                    | 1843611            |
| 1108937..... | "                    | "             | "                            | "                            | "                           | "                               | †1882486             | 1837251               | "       | "                    | 1880355            |
| 1108938..... | "                    | 1857480       | "                            | "                            | "                           | 820149                          | 1857818              | 1887108               | "       | "                    | "                  |
| 1108940..... | "                    | 1918153       | 38275                        |                              | 38276                       | 1918157                         | △1932606             | 1918172               | 38367   | "                    | "                  |
| 1108943..... | "                    | 1857480       | 16820                        | 16818                        | 16819                       | "                               | "                    | 1887108               | 16083   | "                    | "                  |
| 1108944..... | "                    | 1857480       | 38275                        |                              | 38276                       | "                               | †1881148             | 1904065               | "       | "                    | "                  |

\*C. E. Frame Includes (When Necessary) Bushing (55), Oiler (61), Wick (74) &amp; Expansion plug.

†For parts see Motor Drive—Group 1.

△For parts see Motor Drive—Group 7.

°Field coils are located with terminal up &amp; Viewed from Drive end.



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

| Model   | Switch  | Link<br>(& Screw) | Spring<br>Shift<br>Lever | Lever<br>Shift | Washer<br>Space | Washer<br>(Cupped)<br>Space | Sleeve | Guide<br>Pinion | Spring<br>Meshing | Pinion | Collar<br>Stop |
|---------|---------|-------------------|--------------------------|----------------|-----------------|-----------------------------|--------|-----------------|-------------------|--------|----------------|
|         | 12      | 13                | 14                       | 15             | 16              | 17                          | 18     | 19              | 20                | 21     | 22             |
| 1108931 |         |                   |                          |                |                 |                             |        |                 |                   |        |                |
| 1108932 |         |                   |                          |                |                 |                             |        |                 |                   |        |                |
| 1108933 |         |                   |                          |                |                 |                             |        |                 |                   |        |                |
| 1108936 |         |                   |                          |                |                 |                             |        |                 |                   |        |                |
| 1108937 | *1465   |                   |                          |                |                 |                             |        |                 |                   |        |                |
| 1108938 | 1872405 |                   |                          |                |                 |                             |        |                 |                   |        |                |
| 1108940 | 1857519 |                   |                          | 1914253        |                 |                             |        |                 |                   |        |                |
| 1108943 | 1919600 |                   |                          |                |                 |                             |        |                 |                   |        |                |
| 1108944 | "       |                   |                          |                |                 |                             |        |                 |                   |        |                |

\*For parts see Magnetic Switch—Group 4.

## 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            |
|----------------------|------------------------------------------------------|----------|---------------------------|
| <b>LOCK WASHERS</b>  |                                                      |          |                           |
| 23                   | Lock Washer—Brush Lead Screw -----                   | 453844   | 1108931-2-3-6-7-8; 40-3-4 |
| 25                   | Lock Washer—Center Bearing Attaching Screw -----     | 1962276  | 1108933-8; 40-3-4         |
| 25                   | Lock Washer—Center Bearing Attaching Screw -----     | 138484   | 1108936-7                 |
| 27                   | Lock Washer—C.E. Frame Attaching Screw -----         | 138479   | 1108931-2-6               |
| 27                   | Lock Washer—C.E. Frame Attaching Screw -----         | 453435   | 1108933-7-8; 40-3-4       |
| 28                   | Lock Washer—Drive Housing Attaching Screw -----      | 453435   | 1108931-2-3-7-8; 40-3-4   |
| 28                   | Lock Washer—Drive Housing Attaching Screw -----      | 138479   | 1108936                   |
| —                    | Lock Washer—Shift Lever Adjusting Screw -----        | 9421424  | 1108940                   |
| 30                   | Lock Washer—Switch Attaching Screw -----             | 9421423  | 1108937                   |
| 30                   | Lock Washer—Switch Attaching Screw -----             | 453435   | 1108938; 40-3-4           |
| 31                   | Lock Washer—Switch Terminal -----                    | 9421425  | 1108938; 40-3-4           |
| 32                   | Lock Washer—Terminal Stud -----                      | 1904493  | 1108931-2                 |
| 32                   | Lock Washer—Terminal Stud -----                      | 9421425  | 1108933-6-7; 40           |
| <b>NUTS</b>          |                                                      |          |                           |
| —                    | Nut—Shaft—D.E. -----                                 | 1905941  | 1108931-2                 |
| —                    | Nut—Shift Lever Adjusting Screw -----                | 120368   | 1108940                   |
| 33                   | Nut—Switch Terminal -----                            | 134566   | 1108938; 40-3-4           |
| 34                   | Nut—Terminal ( $\frac{3}{8}$ thk.) -----             | 1904419  | 1108931-2                 |
| 34                   | Nut—Terminal ( $\frac{3}{8}$ thk.) -----             | 805258   | 1108933-6-7-8; 40-3-4     |
| 35                   | Nut—Terminal ( $\frac{1}{4}$ thk.) -----             | 1904602  | 1108931-2                 |
| 35                   | Nut—Terminal ( $\frac{1}{4}$ thk.) -----             | 134566   | 1108933-6-7               |
| <b>SCREWS</b>        |                                                      |          |                           |
| 36                   | Screw—Brush Lead Attaching -----                     | 453461   | 1108931-2                 |
| 36                   | Screw—Brush Lead Attaching -----                     | 453647   | 1108933-6-7-8; 40-3-4     |
| 38                   | Screw—Center Bearing Attaching -----                 | 1904613  | 1108933-8                 |
| 38                   | Screw—Center Bearing Attaching -----                 | 802795   | 1108936                   |
| 38                   | Screw—Center Bearing Attaching -----                 | 1913127  | 1108937                   |
| 38                   | Screw—Center Bearing Attaching -----                 | 132900   | 1108940-3-4               |
| 39                   | Screw—Cover Band -----                               | 132926   | 1108931-2                 |
| 39                   | Screw—Cover Band -----                               | 453479   | 1108933; 40-3-4           |
| 41                   | Screw—C.E. Frame Attaching -----                     | 37872    | 1108931-2-3-6-7-8; 40-3-4 |
| 42                   | Screw—Drive Housing Attaching -----                  | 132124   | 1108931-2                 |
| 42                   | Screw—Drive Housing Attaching -----                  | 37872    | 1108933-6-7-8; 40-3-4     |
| 44                   | Screw—Pole Shoe -----                                | 1913960  | 1108931-2-3-6-7-8; 40-3-4 |
| —                    | Screw—Shift Lever Adjusting -----                    | 1923053  | 1108940                   |
| 45                   | Screw—Switch Attaching -----                         | 1917084  | 1108937                   |
| 45                   | Screw—Switch Attaching (10-32x $\frac{1}{8}$ ) ----- | 132900   | 1108943-4                 |
| 45                   | Screw—Switch Attaching (10-32x $\frac{1}{4}$ ) ----- | 1904613  | 1108938; 43-4             |
| 45                   | Screw—Switch Attaching -----                         | 132900   | 1108940                   |
| <b>WASHERS</b>       |                                                      |          |                           |
| 46                   | Washer—Brake -----                                   | 1918161  | 1108940                   |
| —                    | Washer—Shaft Nut—D.E. -----                          | 1905939  | 1108931-2                 |
| 47                   | Washer—Space—C.E. -----                              | 817051   | 1108931-2                 |
| 47                   | Washer—Space—C.E. -----                              | 1928023  | 1108933-6-7-8; 40-3-4     |
| —                    | Washer—Space—Between Center Bearing & Arm. -----     | 1918156  | 1108940                   |
| 48                   | Washer—Space—D.E. -----                              | 1914842  | 1108936-7                 |
| 49                   | Washer—Switch Terminal -----                         | 812622   | 1108938; 43-4             |
| 50                   | Washer—Ins. Term. Stud ( $\frac{3}{4}$ O.D.) -----   | 1913959  | 1108931-2-3-6-7-8; 40-3-4 |
| 51                   | Washer—Ins. Term. Stud ( $\frac{3}{8}$ O.D.) -----   | 1913958  | 1108933-6-7-8; 40-3-4     |
| —                    | Washer—Ins. Term. Stud (1" O.D.) -----               | 1905156  | 1108931-2                 |
| 52                   | Washer—Plain—Term. Stud—(Inside) -----               | 812622   | 1108938; 40-3-4           |
| 53                   | Washer—Plain—Term. Stud—(Outside) -----              | 1905154  | 1108931-2                 |
| 53                   | Washer—Plain—Term. Stud—(Outside) -----              | 805790   | 1108933-6-7; 43-4         |
| 53                   | Washer—Plain—Term. Stud—(Outside) -----              | 812622   | 1108938; 40-3-4           |
| <b>MISCELLANEOUS</b> |                                                      |          |                           |
| 55                   | BUSHING—C.E. -----                                   | 1839345  | 1108931-2-3-6-7-8; 40-3-4 |
| 56                   | BUSHING—Center Bearing -----                         | 820148   | 1108933-8; 43-4           |
| 56                   | BUSHING—Center Bearing -----                         | 1926210  | 1108936-7                 |
| 56                   | BUSHING—Center Bearing -----                         | 1918160  | 1108940                   |
| 57                   | BUSHING—D.E. -----                                   | 1857559  | 1108931-2                 |
| 57                   | BUSHING—D.E. -----                                   | 812410   | 1108933-8; 43-4           |
| 57                   | BUSHING—D.E. -----                                   | 810620   | 1108936-7                 |
| 57                   | BUSHING—D.E. -----                                   | 1883730  | 1108940                   |
| —                    | BUSHING—Ins. Term. Stud -----                        | 1905155  | 1108931-2                 |

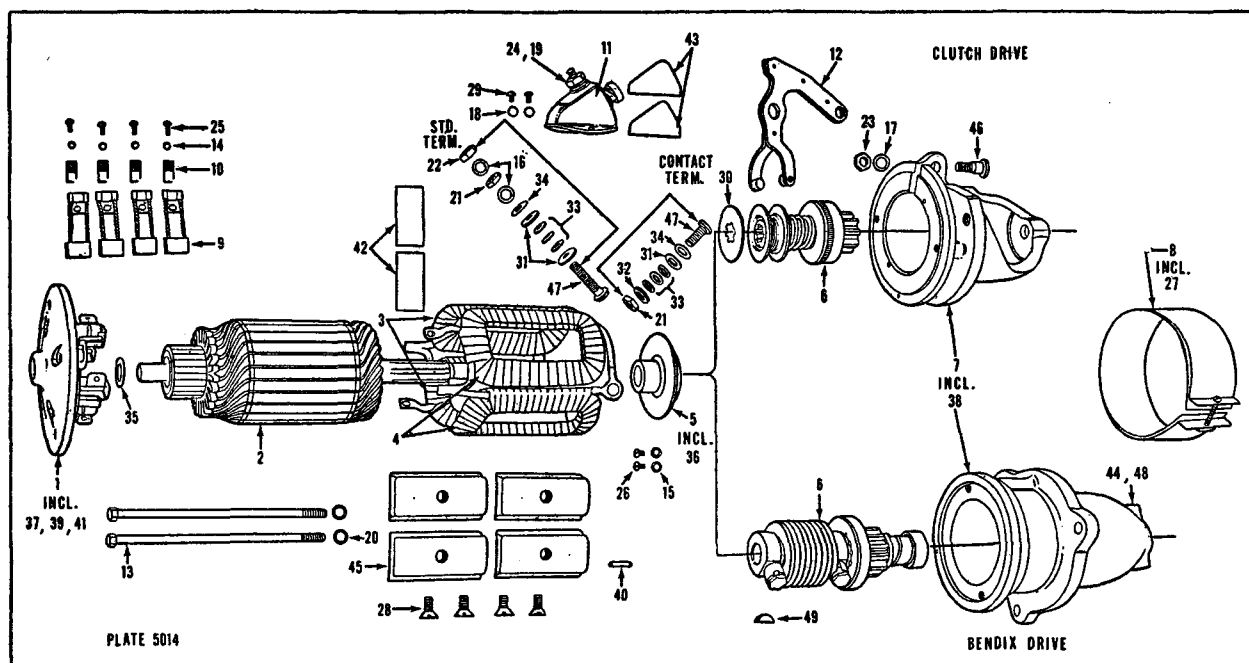
Parts not listed in this Catalog will not be sold separately.

## MINOR PARTS SECTION

| Illus.<br>No. | Name                                                              | Part No. | Used on Models            |
|---------------|-------------------------------------------------------------------|----------|---------------------------|
|               | MISCELLANEOUS — Continued                                         |          |                           |
| —             | CONTACT—Switch on Frame -----                                     | 1857271  | 1108940                   |
| —             | EXTENSION—Shift Lever -----                                       | 1918174  | 1108940                   |
| —             | GASKET—Switch -----                                               | 1912376  | 1108943-4                 |
| —             | GASKET—Switch -----                                               | 1918057  | 1108940                   |
| —             | GASKET—Center Bearing -----                                       | 1840069  | 1108937                   |
| —             | INSULATOR—Contact on Frame -----                                  | 1857270  | 1108940                   |
| —             | INSULATOR—Field Coil ( $1\frac{1}{8} \times 2\frac{1}{8}$ ) ----- | 33345    | 1108931-2-3-6-7-8; 43-4   |
| —             | INSULATOR—Field Coil (Triangle) -----                             | 1914873  | 1108931-2-3-6-7-8; 40-3-4 |
| —             | INSULATOR—Field Coil (1" x 5") -----                              | 1902073  | 1108936-7-8; 43           |
| 60            | INSULATOR—Switch Side -----                                       | 1857269  | 1108940                   |
| 60            | INSULATOR—Switch Side -----                                       | 816911   | 1108938; 43-4             |
| 60            | LEVER—Switch (Not furnished by Delco Remy) --                     |          | 1108938                   |
| —             | LEVER—Switch -----                                                | 1918322  | 1108943-4                 |
| —             | OILER—D.E. -----                                                  | 1880642  | 1108931-2                 |
| 62            | PIN—Cotter—Shaft Nut -----                                        | 1905616  | 1108931-2                 |
| —             | PIN—Cotter—Shift Lever Extension Pin -----                        | 112726   | 1108940                   |
| 66            | PIN—Cotter—Switch Lever -----                                     | 137130   | 1108938; 43-4             |
| —             | PIN—Dowel—Lever Shaft -----                                       | 455776   | 1108940                   |
| —             | PIN—Shift Lever Extension -----                                   | 1914258  | 1108940                   |
| 68            | PIN—Switch Lever -----                                            | 1838650  | 1108938                   |
| 68            | PIN—Switch Lever -----                                            | 1880254  | 1108943-4                 |
| —             | PLUG—Expansion—C.E. -----                                         | 810819   | 1108931-2-3-6-7-8; 40-3-4 |
| —             | SHAFT—Shift Lever -----                                           | 1914257  | 1108940                   |
| 70            | SHOE—Pole -----                                                   | 1905946  | 1108931-2                 |
| 70            | SHOE—Pole -----                                                   | 36497    | 1108933-6-7-8; 40-3-4     |
| 71            | STUD—Terminal -----                                               | 826938   | 1108931-2-3-6-7; 40       |
| 71            | STUD—Terminal -----                                               | 1843104  | 1108938; 43-4             |
| 72            | STRAP—Connector -----                                             | 1866107  | 1108937                   |
| 76            | WICK—Oil -----                                                    | 802693   | 1108931-2                 |
| 77            | Woodruff KEY -----                                                | 124546   | 1108933-6-7-8; 43-4       |

Revised to Feb. 1, 1966

## SERVICE PARTS CATALOG



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

| Model No. | Frame — Commutator End | Arma- ture | Field Coil — Lower | Field Coil — Upper | Plate — Center Bearing | Motor Drive | Housing — Drive | Cover Band | Brush   | Spring — Brush | Switch    | Lever — Shift | Thru Bolt |
|-----------|------------------------|------------|--------------------|--------------------|------------------------|-------------|-----------------|------------|---------|----------------|-----------|---------------|-----------|
|           | 1                      | 2          | 3                  | 4                  | 5                      | 6           | 7               | 8          | 9       | 10             | 11        | 12            | 13        |
| 1108950   | 1924757                | 1909467    | 1909802            | 1909803            | 1909814                | †1874133    | 1932870         | 1880355    | 1906909 | 1861785        | 820052    | 1909810       | 812291    |
| 1108951   | "                      | 1910490    | "                  | "                  | 820149                 | †1857818    | 1910487         | "          | 1906988 | "              | "         | "             | "         |
| 1108952   | "                      | "          | "                  | "                  | "                      | †1881148    | 1911369         | "          | "       | "              | "         | "             | "         |
| 1108953   | "                      | "          | "                  | "                  | "                      | †1857818    | "               | "          | "       | "              | "         | "             | "         |
| 1108954   | "                      | "          | "                  | "                  | "                      | †1881148    | "               | "          | 1906909 | "              | "         | "             | "         |
| 1108955   | "                      | "          | "                  | "                  | "                      | †1857818    | "               | "          | "       | "              | "         | "             | "         |
| 1108956   | "                      | "          | "                  | "                  | "                      | †           | 1910487         | "          | "       | "              | "         | "             | "         |
| 1108957   | "                      | "          | "                  | "                  | "                      | †           | 1925459         | "          | "       | "              | "         | "             | "         |
| 1108958   | "                      | "          | "                  | "                  | "                      | †           | 1913593         | "          | 1906988 | "              | 1872405   | "             | "         |
| 1108959   | "                      | "          | "                  | "                  | "                      | †           | 1937354         | "          | 1906909 | "              | * 1467    | "             | "         |
| 1108960   | "                      | "          | "                  | "                  | "                      | †1881148    | 1913972         | "          | "       | "              | "         | "             | "         |
| 1108961   | "                      | "          | "                  | "                  | "                      | †           | 1910487         | "          | "       | "              | "         | "             | "         |
| 1108964   | "                      | 1918035    | "                  | "                  | "                      | †1881585    | 1917952         | "          | "       | "              | "         | "             | "         |
| 1108965   | "                      | 1918929    | "                  | "                  | "                      | †1874133    | 1918189         | "          | "       | "              | †1118055  | 1914253       | "         |
| 1108966   | "                      | "          | "                  | "                  | "                      | "           | "               | "          | 1906988 | "              | * 1118183 | "             | "         |
| 1108968   | "                      | 1910490    | 1918516            | 1918510            | "                      | †1864682    | 1918508         | "          | 1906909 | "              | * 1467    | "             | "         |
| 1108969   | "                      | "          | 1909802            | 1909803            | "                      | †1881148    | 1910487         | "          | 1906988 | "              | "         | "             | "         |
| 1108970   | "                      | 1918929    | 1918516            | 1918510            | "                      | †1912835    | 1918932         | "          | 1906909 | "              | 820052    | 1918933       | "         |
| 1108973   | "                      | 1910490    | 1909802            | 1909803            | "                      | †1857818    | 1918508         | "          | "       | "              | * 1467    | "             | "         |
| 1108977   | "                      | "          | 1918516            | 1918510            | "                      | †1864682    | 1937354         | "          | "       | "              | "         | "             | "         |
| 1108980   | 1918859                | 1923498    | 1909802            | 1909803            | "                      | †1881148    | 1923520         | "          | "       | "              | "         | "             | "         |
| 1108981   | 1924757                | 1909467    | "                  | "                  | 1909814                | †1924589    | 1932899         | "          | 1906951 | "              | 1922176   | 1924586       | "         |
| 1108982   | "                      | 1918929    | 1918516            | 1918510            | 820149                 | †1912835    | 1924751         | "          | 1906909 | "              | 1924754   | †             | "         |
| 1108983   | "                      | 1910490    | 1909802            | 1909803            | "                      | †1881148    | 1925112         | "          | "       | "              | * 1467    | "             | "         |
| 1108984   | "                      | "          | "                  | "                  | "                      | †1857818    | 1925459         | "          | 1906988 | "              | * 1465    | "             | "         |
| 1108985   | "                      | "          | "                  | "                  | "                      | "           | "               | "          | 1906909 | "              | * 1467    | "             | "         |
| 1108987   | "                      | 1926129    | "                  | "                  | 1911611                | □1932605    | 1926128         | "          | "       | "              | †1118055  | 1914253       | 1909179   |
| 1108988   | "                      | 1926544    | "                  | "                  | 1926207                | □1926206    | 1926205         | "          | "       | "              | * 1467    | "             | 812291    |
| 1108989   | "                      | 1909467    | "                  | "                  | 1909814                | †1874133    | 1932870         | "          | "       | "              | 1934779   | 1909810       | "         |
| 1108990   | "                      | 1926408    | "                  | "                  | "                      | †1924589    | 1932899         | "          | 1906951 | "              | "         | 1924586       | "         |

†For parts see Motor Drive—Group 1.

‡For parts see Motor Drive—Group 4.

\*For parts see Magnetic Switch—Group 4.

▲For Parts see Solenoid Switch Group 5-C.

†For Parts see Solenoid Switch Group 7.

‡1924752 is upper lever, 1910848 is lower lever.

□For parts see Motor Drive Group 7

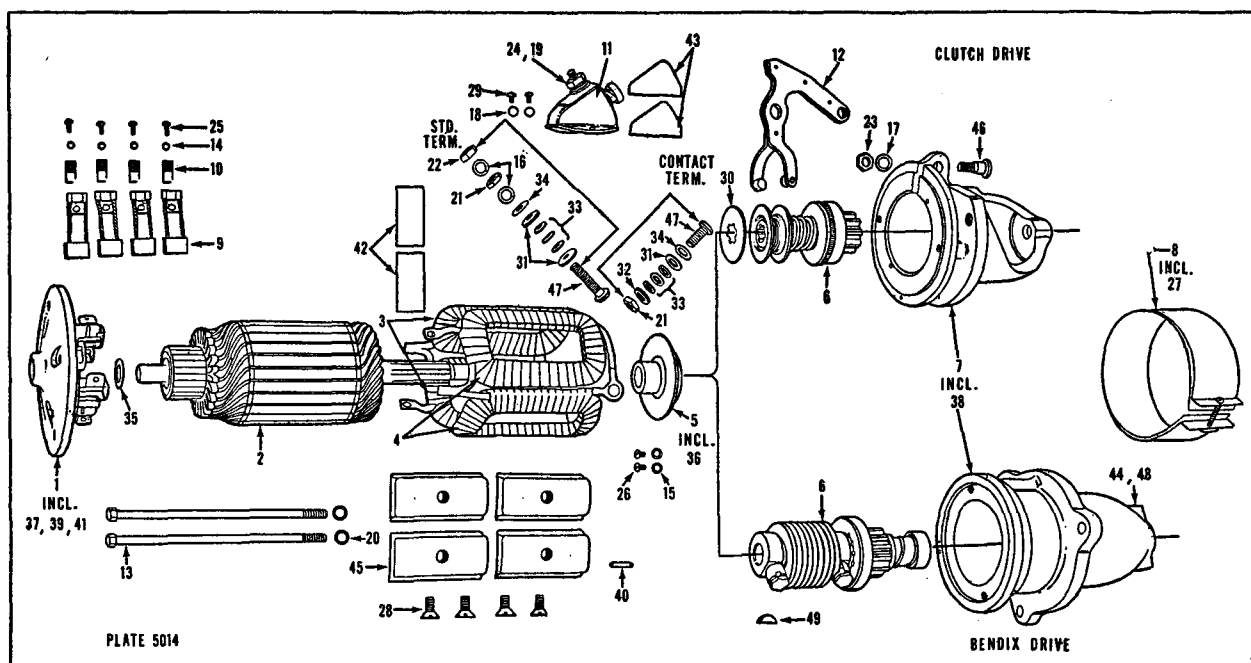
\*For parts see Motor Drive Group 1-A

# MINOR PARTS SECTION

| Illus. No.           | Name                                                        | Part No. | Used on Models                                                            |
|----------------------|-------------------------------------------------------------|----------|---------------------------------------------------------------------------|
| <b>LOCK WASHERS</b>  |                                                             |          |                                                                           |
| 14                   | Lock Washer—Brush Lead Attaching -----                      | 453844   | 1108950-1-2-3-4-5-6-7-8-9; 60-1-4-5-6-8-9; 70-3-7; 80-1-2-3-4-5-7-8-9; 90 |
| 15                   | Lock Washer—Center Bearing Plate Attaching -----            | 1962276  | 1108950-1-2-3-4-5-6-7-8-9; 60-1-4-5-6-8-9; 70-3-7; 80-1-2-3-4-5-9; 90     |
| 15                   | Lock Washer—Center Bearing Plate Attaching -----            | 453435   | 1108988                                                                   |
| —                    | Lock Washer—C.E. Terminal -----                             | 9421425  | 1108980                                                                   |
| 16                   | Lock Washer—Field Terminal -----                            | 9421425  | 1108951-5-6-7-9; 60-1-4-5-6-8-9; 73-7; 80-3-4-5-7-8                       |
| 17                   | Lock Washer—Shift Lever Stud -----                          | 9421425  | 1108950; 70; 81-9; 90                                                     |
| —                    | Lock Washer—Shift Lever Adjusting Screw -----               | 9421423  | 1108982                                                                   |
| 18                   | Lock Washer—Switch Attaching Screw -----                    | 453435   | 1108950-8; 70; 81-2-9; 90                                                 |
| 18                   | Lock Washer—Switch Attaching Screw -----                    | 9421423  | 1108959; 65-6-8; 73-7; 83-4-5-7-8                                         |
| 19                   | Lock Washer—Switch Terminal -----                           | 9421425  | 1108950; 70; 81-2-9; 90                                                   |
| 20                   | Lock Washer—Thru Bolt -----                                 | 9421424  | 1108950-1-2-3-4-5-6-7-8-9; 60-1-4-5-6-8-9; 70-3-7; 80-1-2-3-4-5-7-8-9; 90 |
| —                    | Lock Washer—Upper Lever Attaching Nut -----                 | 9421425  | 1108982                                                                   |
| <b>NUTS</b>          |                                                             |          |                                                                           |
| —                    | Nut—C.E. Terminal -----                                     | 134566   | 1108980                                                                   |
| 21                   | Nut—Field Terminal (5/32 thk.) -----                        | 805258   | 1108950-1-2-3-4-5-6-7-8-9; 60-1-4-5-6-8-9; 70-3-7; 80-1-2-3-4-5-7-8-9; 90 |
| 22                   | Nut—Field Terminal (¼ thk.) -----                           | 134566   | 1108951-2-3-4-5-6-7-9; 60-1-4-5-6-8-9; 73-7; 80-3-4-5-7-8                 |
| —                    | Nut—Shift Lever Adjusting Screw -----                       | 120368   | 1108970                                                                   |
| —                    | Nut—Shift Lever Adjusting Screw -----                       | 134551   | 1108982                                                                   |
| —                    | Nut—Lever Shaft Attaching -----                             | 1916268  | 1108982                                                                   |
| 23                   | Nut—Shift Lever Stud -----                                  | 805258   | 1108950; 70; 81-9; 90                                                     |
| 24                   | Nut—Switch Terminal -----                                   | 134566   | 1108950; 70; 81-2-9; 90                                                   |
| —                    | Nut—Upper Lever Attaching -----                             | 812479   | 1108982                                                                   |
| <b>SCREWS</b>        |                                                             |          |                                                                           |
| 25                   | Screw—Brush Lead Attaching -----                            | 453418   | 1108950-1-2-3-4-5-6-7-8-9; 60-1-4-5-6-8-9; 70-3-7; 80-1-2-3-4-5-7-8-9; 90 |
| 26                   | Screw—Center Bearing Plate Attaching -----                  | 453319   | 1108950; 88                                                               |
| 26                   | Screw—Center Bearing Plate Attaching -----                  | 132900   | 1108951-2-3-4-5-6-7-8-9; 60-1-4-5-6-8-9                                   |
| 26                   | Screw—Center Bearing Plate Attaching -----                  | 1904613  | 1108950; 68-9; 70-3-7; 80-1-2-3-4-5-9; 90                                 |
| 27                   | Screw—Cover Band -----                                      | 453479   | 1108950-1-2-3-4-5-6-7-8-9; 60-1-4-5-6-8-9; 70-3-7; 80-1-2-3-4-5-7-8-9; 90 |
| 28                   | Screw—Pole Shoe -----                                       | 1913960  | All                                                                       |
| —                    | Screw—Shift Lever Adjusting -----                           | 1918537  | 1108982                                                                   |
| —                    | Screw—Shift Lever Adjusting -----                           | 1838393  | 1108970                                                                   |
| 29                   | Screw—Switch Attaching (10-32x¼) -----                      | 1904613  | 1108950-8; 70; 81-9; 90                                                   |
| 29                   | Screw—Switch Attaching -----                                | 1916529  | 1108959; 65-6-8; 73-7; 83-4-5-7-8                                         |
| 29                   | Screw—Switch Attaching (10-32x⅜) -----                      | 132900   | 1108982                                                                   |
| <b>WASHERS</b>       |                                                             |          |                                                                           |
| 30                   | Washer—Brake (Between Center Bearing and Motor Drive) ----- | 821453   | 1108950-8; 70; 81-2-9; 90                                                 |
| 30                   | Washer—Brake (Between Center Bearing and Motor Drive) ----- | 1911644  | 1108987                                                                   |
| 31                   | Washer—Field Terminal Insulating (¾ O.D.x⅝ thk.) -----      | 1913959  | 1108950-1-2-3-4-5-6-7-8-9; 60-1-4-5-6-8-9; 70-3-7; 80-1-2-3-4-5-7-8-9; 90 |
| 32                   | Washer—Field Terminal Insulating (¾ O.D.x⅝ thk.) -----      | 1842057  | 1108950-8; 70; 81-2-9; 90                                                 |
| 33                   | Washer—Field Terminal Insulating (⅞ O.D.) -----             | 1904669  | 1108950-1-2-3-4-5-6-7-8-9; 60-1-4-5-6-8-9; 70-3-7; 80-1-2-3-4-5-7-8-9; 90 |
| 34                   | Washer—Field Terminal Plain (⅝ thk.) -----                  | 812622   | 1108950; 70; 81-2-9; 90                                                   |
| 34                   | Washer—Field Terminal Plain (⅞ thk.) -----                  | 805790   | 1108951-2-3-4-5-6-7-9; 60-1-4-5-6-8-9; 73-7; 80-2-3-4-5-7-8               |
| —                    | Washer—Plain—Lever Shaft Attaching Nut -----                | 807736   | 1108982                                                                   |
| —                    | Washer—Plain—Switch Terminal -----                          | 805790   | 1108982-9; 90                                                             |
| —                    | Washer—Plain—Upper Lever Attaching Nut -----                | 812622   | 1108982                                                                   |
| 35                   | Washer—Space—C.E. -----                                     | 1914842  | 1108950-1-2-3-4-5-6-7-8-9; 60-1-4-5-6-8-9; 70-3-7; 80-1-2-3-4-5-7-8-9; 90 |
| <b>MISCELLANEOUS</b> |                                                             |          |                                                                           |
| 36                   | BUSHING—Center Bearing Plate -----                          | 820148   | 1108950-1-2-3-4-5-6-7-8-9; 60-1-4-5-6-8-9; 70-3-7; 80-1-2-3-4-5-9; 90     |
| 36                   | BUSHING—Center Bearing -----                                | 1916389  | 1108987                                                                   |
| 36                   | BUSHING—Center Bearing -----                                | 1926210  | 1108988                                                                   |
| 37                   | BUSHING—Commutator End Frame -----                          | 810620   | 1108950-1-2-3-4-5-6-7-8-9; 60-1-4-5-6-8-9; 70-3-7; 80-1-2-3-4-5-7-8-9; 90 |

# MINOR PARTS SECTION

| Illus. No. | Name                                                      | Part No. | Used on Models                                                               |
|------------|-----------------------------------------------------------|----------|------------------------------------------------------------------------------|
|            | <b>MISCELLANEOUS—Continued</b>                            |          |                                                                              |
| 38         | BUSHING—Drive Housing -----                               | 810620   | 1108950; 70; 81-2-9; 90                                                      |
| 38         | BUSHING—Drive Housing -----                               | 812410   | 1108951-2-3-4-5-6-7-8-9; 60-1-8-9; 73-7;<br>80-3-4-5-8                       |
| 38         | BUSHING—Drive Housing -----                               | 1872678  | 1108965-6                                                                    |
| 38         | BUSHING—Drive Housing -----                               | 1883730  | 1108964                                                                      |
| 38         | BUSHING—Drive Housing -----                               | 1943580  | 1108987                                                                      |
| —          | COLLAR—Space—Between Armature and<br>Center Bearing ----- | 1909472  | 1108964                                                                      |
| —          | CABLE—Solenoid To Field Terminal -----                    | 1847199  | 1108987                                                                      |
| —          | CABLE—Solenoid To Field Terminal -----                    | 1847199  | 1108965-6                                                                    |
| —          | CONNECTOR—Switch -----                                    | 1866107  | 1108959; 68; 73-7; 83-4-5-8                                                  |
| 39         | Dowel PIN—C.E. -----                                      | 809062   | All                                                                          |
| 40         | Dowel PIN—D.E. -----                                      | 809593   | All except 1108987                                                           |
| 40         | Dowel PIN—D.E. -----                                      | 1857751  | 1108987                                                                      |
| 41         | Expansion PLUG—C.E. -----                                 | 1865182  | 1108950-1-2-3-4-5-6-7-8-9; 60-1-4-5-6-8-9;<br>70-3-7; 80-1-2-3-4-5-7-8-9; 90 |
| —          | Expansion PLUG—In Drive Housing -----                     | 454648   | 1108982                                                                      |
| —          | GASKET—Lever Shaft Nut -----                              | 1916267  | 1108982                                                                      |
| —          | GASKET—Under Switch -----                                 | 1912376  | 1108982                                                                      |
| 42         | INSULATOR—Field Coil -----                                | 1868835  | 1108952-3-4-5                                                                |
| 42         | INSULATOR—Field Coil -----                                | 1914873  | 1108950-1-6-7-8-9; 60-4-5-6-8-9; 70-3-7;<br>80-1-3-4-5-7-8-9; 90             |
| 43         | INSULATOR—Switch Side -----                               | 816911   | 1108950-8; 70; 81-2-9; 90                                                    |
| —          | LINK (& Screw)—Assem. Shift Lever -----                   | 1918245  | 1108965-6                                                                    |
| —          | LINK (& Screw)—Shift Lever -----                          | 1926132  | 1108987                                                                      |
| 44         | PLUG—Pipe—D.E. -----                                      | 453465   | 1108965-6; 87                                                                |
| —          | PIN—Shift Lever -----                                     | 1914258  | 1108965-6; 87                                                                |
| —          | PIN—Cotter—Shift Lever -----                              | 112726   | 1108965-6; 87                                                                |
| —          | PIN—Dowel—Shift Lever -----                               | 455776   | 1108965-6; 87                                                                |
| 45         | Pole SHOE -----                                           | 1909481  | All                                                                          |
| —          | RING—Packing—On Lever Shaft -----                         | 1911165  | 1108982                                                                      |
| —          | RING—Wick Retainer—Center Bearing -----                   | 1916386  | 1108987                                                                      |
| 46         | SHAFT—Shift Lever -----                                   | 1918188  | 1108965-6                                                                    |
| 46         | SHAFT—Shift Lever -----                                   | 1924753  | 1108982                                                                      |
| 46         | SHAFT—Shift Lever -----                                   | 1918188  | 1108987                                                                      |
| —          | SEAL—Oil—In Center Bearing -----                          | 1867150  | 1108988                                                                      |
| 46         | SPRING—Shift Lever -----                                  | 1911931  | 1108965-6; 87                                                                |
| 46         | SPRING—Shift Lever -----                                  | 1915667  | 1108970                                                                      |
| 46         | STUD—Shift Lever -----                                    | 1917078  | 1108970                                                                      |
| 46         | STUD—Shift Lever -----                                    | 1909813  | 1108950; 81-9; 90                                                            |
| 47         | STUD—Field Terminal -----                                 | 1909809  | 1108950-8; 70; 81-2                                                          |
| 47         | STUD—Field Terminal -----                                 | 826938   | 1108951-2-3-4-5-6-7-9; 60-1-4-5-6-8-9; 73-7;<br>80-3-4-5-7-8-9; 90           |
| —          | SUPPORT—Shift Lever Spring -----                          | 1835998  | 1108970                                                                      |
| 48         | WICK—Oil—D.E. -----                                       | 1916439  | 1108965-6; 87                                                                |
| —          | WICK—Oil—In Center Bearing -----                          | 1916387  | 1108987                                                                      |
| 49         | Woodruff KEY—D.E. -----                                   | 124546   | 1108950-1-2-3-4-5-6-7-8-9; 60-1-4-8-9; 73-7;<br>80-3-4-5-8                   |



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

| Model No. | Frame — Commutator End | Armature | Field Coil — Lower | Field Coil — Upper | Plate — Center Bearing | Motor Drive | Housing — Drive | Cover Band | Brush   | Spring — Brush | Switch   | Lever — Shift | Thru Bolt |
|-----------|------------------------|----------|--------------------|--------------------|------------------------|-------------|-----------------|------------|---------|----------------|----------|---------------|-----------|
|           | 1                      | 2        | 3                  | 4                  | 5                      | 6           | 7               | 8          | 9       | 10             | 11       | 12            | 13        |
| 1108994   | 1924757                | 1930083  | 1909803            | 1909803            | 1910054                | †1881585    | 1911788         | 1880355    | 1906988 | 1861785        |          |               | 1909179   |
| 1108995   | 1918859                | 1923498  | "                  | "                  | 820149                 | †1881148    | 1930612         | "          | 1906909 | "              |          |               | 812291    |
| 1108996   | 1924757                | 1918929  | 1918516            | 1918510            | "                      | ‡1912835    | 1930655         | "          | "       | "              | °1118046 | †             | "         |
| 1108998   | "                      | 1930667  | "                  | "                  | "                      | ‡1930670    | 1930665         | "          | 1906951 | "              | 1924754  | †             | "         |
| 1108999   | "                      | 1930657  | 1909802            | 1909803            | 1930660                | °1931541    | 1930656         | "          | "       | "              |          |               | 1909179   |

†1933842 is upper lever. 1931776 is lower lever.

°For parts see Switch group—103.

‡1930677 is upper lever. 1930674 is lower lever.

‡For parts see Motor Drive—Group 1.

‡For parts see Motor Drive—Group 4.

°Service by complete replacement.

## MINOR PARTS SECTION

OTE: 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.

| Ilus.<br>No.         | Name                                                        | Part No. | Used on Models  |
|----------------------|-------------------------------------------------------------|----------|-----------------|
| <b>LOCK WASHERS</b>  |                                                             |          |                 |
| 14                   | Lock Washer—Brush Lead Attaching -----                      | 453844   | 1108994-5-6-8-9 |
| 15                   | Lock Washer—Center Bearing Plate Attaching -----            | 1962276  | 1108995-6-8     |
| —                    | Lock Washer—C.E. Terminal -----                             | 9421425  | 1108995         |
| 16                   | Lock Washer—Field Terminal -----                            | 9421425  | 1108994-5-6-9   |
| —                    | Lock Washer—Shift Lever Adjusting Screw -----               | 9421423  | 1108998         |
| 18                   | Lock Washer—Switch Attaching Screw -----                    | 453435   | 1108998         |
| 18                   | Lock Washer—Switch Attaching Screw -----                    | 9421423  | 1108996         |
| 19                   | Lock Washer—Switch Terminal -----                           | 9421425  | 1108998         |
| 20                   | Lock Washer—Thru Bolt -----                                 | 9421424  | 1108994-5-6-8-9 |
| <b>NUTS</b>          |                                                             |          |                 |
| —                    | Nut—C.E. Terminal -----                                     | 134566   | 1108995         |
| 21                   | Nut—Field Terminal (5/32 thk.) -----                        | 805258   | 1108994-5-6-8-9 |
| 22                   | Nut—Field Terminal (1/4 thk.) -----                         | 134566   | 1108994-5-6-9   |
| —                    | Nut—Shift Lever Adjusting Screw -----                       | 134551   | 1108998         |
| 24                   | Nut—Switch Terminal -----                                   | 134566   | 1108998         |
| <b>SCREWS</b>        |                                                             |          |                 |
| 25                   | Screw—Brush Lead Attaching -----                            | 453418   | 1108994-5-6-8-9 |
| 26                   | Screw—Center Bearing Plate Attaching -----                  | 453463   | 1108995-6-8     |
| 27                   | Screw—Cover Band -----                                      | 453479   | 1108994-5-6-8-9 |
| 28                   | Screw—Pole Shoe -----                                       | 1913960  | 1108994-5-6-8-9 |
| —                    | Screw—Shift Lever Adjusting -----                           | 1918437  | 1108998         |
| 29                   | Screw—Switch Attaching -----                                | 1930611  | 1108996         |
| 29                   | Screw—Switch Attaching -----                                | 132900   | 1108998         |
| <b>WASHERS</b>       |                                                             |          |                 |
| 30                   | Washer—Brake (Between Center Bearing and Motor Drive) ----- | 821453   | 1108996         |
| 30                   | Washer—Brake (Between Center Bearing and Motor Drive) ----- | 822190   | 1108998         |
| 31                   | Washer—Field Terminal Insulating (3/4 O.D.x 3/8 thk.) ----- | 1913959  | 1108994-5-6-8-9 |
| 32                   | Washer—Field Terminal Insulating (3/4 O.D.x 1/8 thk.) ----- | 1842057  | 1108996-8       |
| 33                   | Washer—Field Terminal Insulating (1/2 O.D.) -----           | 1904669  | 1108994-5-6-8-9 |
| 34                   | Washer—Field Terminal Plain (1/2 thk.) -----                | 812622   | 1108998         |
| 34                   | Washer—Field Terminal Plain (1/8 thk.) -----                | 805790   | 1108994-5-6-8-9 |
| —                    | Washer—Plain—Switch Terminal -----                          | 812622   | 1108998         |
| 35                   | Washer—Space—C.E. -----                                     | 1914842  | 1108994-5-6-8-9 |
| —                    | Washer—Space—Between Armature & Center Bearing -----        | 1881771  | 1108994         |
| <b>MISCELLANEOUS</b> |                                                             |          |                 |
| 36                   | BUSHING—Center Bearing Plate -----                          | 820148   | 1108995-6-8     |
| 36                   | BUSHING—Center Bearing -----                                | 1916388  | 1108994         |
| 36                   | BUSHING—Center Bearing -----                                | 1921160  | 1108999         |
| 37                   | BUSHING—Commutator End Frame -----                          | 810620   | 1108994-5-6-8-9 |
| 38                   | BUSHING—Drive Housing -----                                 | 810620   | 1108996         |
| 38                   | BUSHING—Drive Housing -----                                 | 812410   | 1108995         |
| 38                   | BUSHING—Drive Housing -----                                 | 1872678  | 1108998         |
| 38                   | BUSHING—Drive Housing -----                                 | 1943580  | 1108994-9       |
| —                    | CABLE—Solenoid To Field Terminal -----                      | 1847199  | 1108996         |
| —                    | CLIP—Lever Shaft Retainer (5/8 I.D.) -----                  | 9415231  | 1108996-8       |
| —                    | CLIP—Lever Shaft Retainer (3/4 I.D.) -----                  | 9415234  | 1108996-8       |
| —                    | COLLAR—Pinion Stop -----                                    | 1928021  | 1108998         |
| 39                   | Dowel PIN—C.E. -----                                        | 809062   | All             |
| 40                   | Dowel PIN—D.E. -----                                        | 809593   | 1108995         |
| 40                   | Dowel PIN—D.E. -----                                        | 1857751  | 1108994-6-8-9   |
| 41                   | Expansion PLUG—C.E. -----                                   | 1865182  | 1108994-5-6-8-9 |
| —                    | GASKET—Under Switch -----                                   | 1912376  | 1108998         |
| 42                   | INSULATOR—Field Coil -----                                  | 1914873  | 1108994-5-6-8-9 |
| 43                   | INSULATOR—Switch Side -----                                 | 816911   | 1108998         |
| —                    | LINK (& Screw)—Shift Lever -----                            | 1930646  | 1108996         |
| —                    | PLATE—Wick Retainer—Center Bearing -----                    | 1921662  | 1108999         |
| 44                   | PLUG—Pipe—D.E. -----                                        | 453465   | 1108994-8-9     |
| —                    | PIN—Shift Lever -----                                       | 1930648  | 1108996         |
| —                    | PIN—Cotter—Shift Lever -----                                | 112726   | 1108996         |
| 45                   | Pole SHOE -----                                             | 1909481  | 1108994-5-6-8-9 |
| —                    | RING—Pinion Stop Retainer -----                             | 1928022  | 1108998         |
| —                    | RING—Wick Retainer—Center Bearing -----                     | 1916386  | 1108994         |

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

## MINOR PARTS SECTION

| Illus.<br>No. | Name                                    | Part No. | Used on Models |
|---------------|-----------------------------------------|----------|----------------|
|               | MISCELLANEOUS—Continued                 |          |                |
| —             | RING—Wick Retainer—Center Bearing ----- | 1936649  | 1108999        |
| —             | SPRING—Shift Lever -----                | 1930651  | 1108996        |
| —             | SPRING—Shift Lever -----                | 1915667  | 1108998        |
| 47            | STUD—Field Terminal -----               | 1909809  | 1108998        |
| 47            | STUD—Field Terminal -----               | 826938   | 1108994-5-6-9  |
| 48            | WICK—Oil—D.E. -----                     | 1916439  | 1108994-8-9    |
| —             | WICK—Oil—In Center Bearing -----        | 1947350  | 1108994        |
| —             | WICK—Oil—In Center Bearing -----        | 1921663  | 1108999        |
| 49            | Woodruff KEY—D.E. -----                 | 124546   | 1108994-5-9    |