DELCO

Circuit Diagrams

OF THE

1919 and 1920 AUTOMOBILE SYSTEMS

THE
Dayton Engineering Laboratories Co.
DAYTON, OHIO
The circuit diagrams in this section of the Delco Service Manual cover the 1919 and 1920 apparatus. Some motor car manufacturers do not make it a practice to bring out a model each season, and in some instances the car model may not be known as a 1919 or 1920 model.

Where two or more Delco numbers appear for the same part it indicates that a change has taken place during the production season and the different parts are interchangeable. In making any replacements the latest model will always be furnished.
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AHRENS-FOX FIRE ENGINE CO.—1919-1920
Models K-1 to K-10, K-11 up, M, L-1 to L-10, L-11 up.

70 Motor Generator
5712 Voltage Regulator
2103 Ignition Coil
1963 Combination Switch

18600 Starter Clutch
5200 Distributor (4-cyl.)
5201 Distributor (6-cyl.)
BUICK MOTOR COMPANY—1919-1920
Models H-44, 45, 46, 47, 49, 50. K-44, 45, 46, 47, 49, 50

Circuit Breaker

Ammeter

Brush Switches Operated By Starting Pedal

Series Field

Storage Battery

Motor Generator

117 Motor Generator
12224 Motor Clutch

Generator

1111 Motor Generator
12224 Motor Clutch

Ignition

Coil Motor/Field/Operating High Tension Current

To Spark Plugs Advance Distributor

Tension Timing Contacts

Horn Button On Wheel

2157 Ignition Coil
1133-1158 Combination Switch

Cowl Light

Aux Lights

Tail Light

Rear Light
COMET AUTOMOBILE COMPANY—1919 TRUCK

IMPORTANT—
Alternator coil must not be operated more than these points from distributor.

5100 Distributor
2138 Ignition Coil
1989 Combination Switch
GEO. W. DAVIS MOTOR CAR COMPANY—1920 Model
Using 7-N Continental Engine

165 Generator
1207 Distributor
1149 Combination Switch

2159 Ignition Coil
164 Motor
1906 Motor Switch
ELKHART CARRIAGE & MOTOR CAR CO.—1920
Models G. H. K. D.
(Serial 15000-25000) (Serial 25000 and up)

165-176 Generator
5207-3214 Distributor
1166 Combination Switch

2159 Ignition Coil
164-177 Motor
1964 Motor Switch
HANSON MOTOR CO—1920 Model
Model 54

165 Generator
5207 Distributor
1174 Combination Switch

2159 Ignition Coil
164 Motor
1965 Motor Switch
JORDAN MOTOR CAR CO.—1921
Model M.

6207 Distributor
1169 Combination Switch
2159 Ignition Coil

165 Generator
164 Motor
1958 Motor Switch
JORDAN MOTOR CAR CO.—1920
Model F. Series 2.

DASH LIGHT

TACHOMETER

CIRCUIT BREAKER

HORN BUTTON

180 Generator
5215 Distributer
2159 Ignition Coil

1167 Combination Switch
179 Motor
KANKAKEE AUTOMOBILE CO.—1919 Model
Using 7-N Continental Engine

101 Generator
102 Motor
1105 Combination Switch

2158 Ignition Coil
1964 Motor Switch
U. S. A. LIBERTY IGNITION—1919-1920 Models
Austin Wiring Diagram

2-5180 Distributors
132 Generator

13866 Ignition Switch & Voltage Regulator
METEOR MOTOR CAR CO.—1920 Model
Using 9-N Continental Engine

135 Generator
5175 Distributor
2180 Ignition Coil

1147 Combination Switch
136 Motor
1966 Motor Switch
NATIONAL MOTOR CAR & VEHICLE CORP.—1919 Model
Series AK.

5162 Distributor (Includes 2-2152 coils)

1088 Combination Switch
OLDS MOTOR WORKS—1919
Model 45-A.

Diagram of electrical system for OLDS MOTOR WORKS—1919 Model 45-A.
OLDS MOTOR WORKS—1920
Model 45-B

167 Generator (Includes 148 Generator and 5210 Distributor) 178 Motor
2127 Ignition Coil 1966 Motor Switch
1176 Combination Switch
W. A. PATERNON CO.—1919
Models 6-45, 6-45-R.

105 Generator
2158 Ignition Cell
106 Motor

1964 Motor Switch
1104 Combination Switch
W. A. PATERSON CO.—1920 Model 6-47
Using 7-R Continental Engine

165 Generator
5207 Distributor
1162 Combination Switch

2159 Ignition Coil
164 Motor
1964 Motor Switch
W. A. PATERSON CO.—1920
Models 6-46, 6-46R, Serial 94400 up.
Using 7-W Continental Engine.

105 Generator
1152 Combination Switch
2158 Ignition Coil

106 Motor
1964 Motor Switch
SAVERS & SCOVILL CO.—1919 Model Using 7-N Continental Engine.

101 Generator
1104 Combination Switch
2158 Ignition Coil

102 Motor
1965 Mote Switch
SAYERS & SCOVILL CO.—1919 Model
Using 9-N Continental Engine

135 Generator
5175 Distributor
2159 Ignition Coil

1104 Combination Switch
136 Motor
1965 Motor Switch
SAYERS & SCOVILL CO.—1920 Model
Using 7-R and 9-N Continental Engines

165 Generator (7-R)
1172 Combination Switch
2159 Ignition Coil (7-R)
181 Motor (7-R)
5207 Distributor (7-R)

179 Motor (9-N)
1965 Montor Switch
180 Generator (9-N)
5215 Distributor (9-N)
2159 Ignition Coil (9-N)
SEAGRAVE COMPANY—1919
Models F-4, F-6.

156 Generator
5731 Cut-out Relay
5198 Distributor (4-cyl.)
2127 Ignition Coil

1126 Combination Switch
157 Motor
1966 Motor Switch
5197 Distributor (6-cyl.)
STUTZ MOTOR CAR COMPANY OF AMERICA—1919-1920
Models G, H.

5196 Distributor (Model G)
1124 Ignition Switch
2-2182 Ignition Coils (Model G)

5209 Distributor (Model H)
2-2159 Ignition Coils (Model H)
TEXAS MOTOR CAR ASSOCIATION—1919 Model
Series H.

5187 Distributor
2138 Ignition Coil
1089 Combination Switch
WESTCOTT MOTOR CAR CO.—1919 Model Type A-38 (Serial 10001-10402)

105 Generator
1145 Combination Switch
2158 Ignition Coil
136 Motor
1984 Motor Switch
WESTCOTT MOTOR CAR CO.—1920 Model
Type A-38 (Using 7-R Continental Engine)
Type C-38 (Using 7-R Continental Engine)
WESTCOTT MOTOR CAR CO.—1920 Model
Type C-48 (Using 9-N Continental Engine)

180 Generator
5175 Distributor
2159 Ignition Coil

1157 Combination Switch
179 Motor
1964 Motor Switch