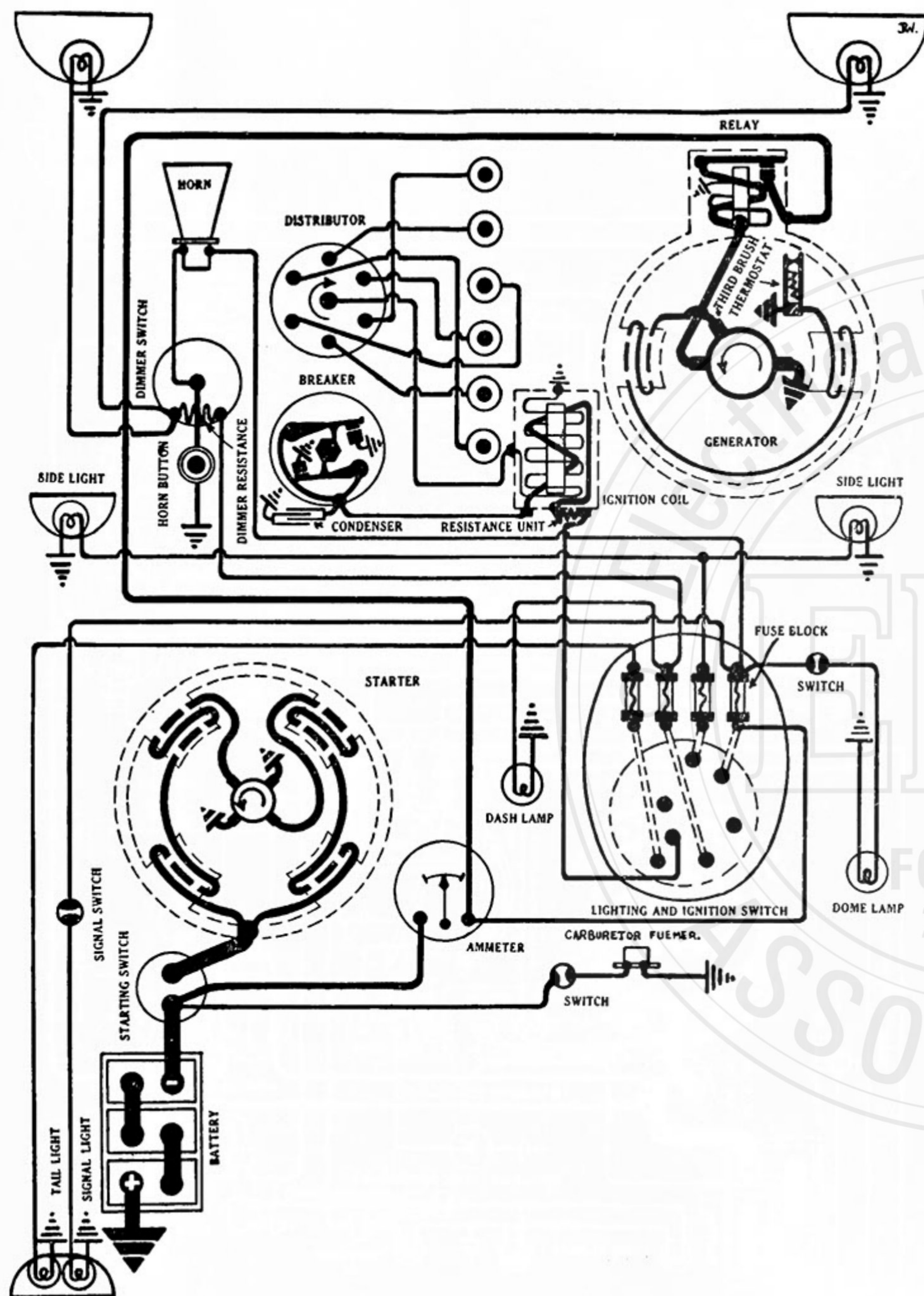




CHRYSLER

MODEL G (70) (1926)

REMY GENERATING, STARTING AND LIGHTING SYSTEM

REMY IGNITION

BATTERY.—Willard, Type CRR-15. 6 volt, 105 ampere hour. Starting capacity is 125 amperes for 20 minutes. Lighting capacity is 5 amperes for 20 hours. The positive (+) terminal is grounded. Type CWR-15 is used on the Coach. The electrical characteristics are the same.

IGNITION.—Coil Model 284-A. Distributor Model 656-B. Breaker contacts separate .022 inch. Resurface contacts with a fine, flat jeweler's file or on a medium hard oilstone. Double contacts are used. They must be synchronized. Set stationary contacts to open .022 inch with the breaker arm on the high point of the cam. Then loosen screw holding mounting plate on which other contacts are mounted and shift until breaker arm is also on the high point of the cam. Adjust breaker gap being careful to keep it within the limits of .018-.024 inch. The tension of the breaker arm spring should be 17.5-20.5 ounces. Distributor is equipped with both manual and automatic advance. Manual advance is 25°. Automatic advance is 15°.

Oiling.—Fill the grease cup under the distributor head with medium cup grease and turn down two turns every two weeks or each 500 miles. Place a small bit of vaseline on the face of the breaker cam every 500 miles.

Timing.—Breaker contacts begin to separate when the piston entering power stroke reaches a position .100 inch before top dead center with the manual advance lever in the fully advanced position.

Firing Order.—The firing order is 1-5-3-6-2-4.

Spark Plugs.—Spark plug diameters are 7/8 inch. Gaps are .027-.030 inch.

STARTER.—Model 724-C. Starter is connected to the engine through a Bendix drive. The direction of rotation is counter-clockwise, looking at the commutator end. Starter cranks the engine at 144 R.P.M. taking 157 amperes at 5.27 volts.

Starter Data

Torque	R.P.M.	Volts	Amperes
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0 lb. ft.	2700	5.6	70
4.2 "	1200	5.0	200
12.0 "	350	4.0	400
16.5 "	150	3.5	500
22.5 "	Lock	3.0	600

Oiling.—Put 4 or 5 drops of light engine oil in the starter bearing oiler every month or each 1000 miles.

GENERATOR.—Model 941-C. The direction of rotation is counter-clockwise, looking at the commutator end. Generator current regulation is by the third brush system combined with a thermostat. Thermostat contacts open at 165° F. cutting a resistance into the shunt field circuit and reducing the output approximately 50%. To adjust the charging rate loosen the small round headed screw on the generator end plate and shift the third brush mounting bracket. Shift the third brush in a counter-clockwise direction to increase the charging rate and in the opposite direction to decrease the charging rate. Tighten the screw after making the adjustment. Shunt field current is 5 amperes at 6 volts. Generator brush tension should be 22-28 ounces.

Generator Data

Cold Test		R.P.M.	Hot Test		R.P.M.
Amperes	Volts		Amperes	Volts	
0	7.2	675			
7	7.1	850	9-12	8-8.5	1900
18-20	8.3-8.5	1900			

Oiling.—Put 4 or 5 drops of light engine oil in each of the generator bearing oilers every month or each 1000 miles.

RELAY.—Model 265-B. Relay is mounted on top of the generator. Relay contacts close at 675 R.P.M. of the generator armature when the voltage reaches 7.2 volts and open with a discharge current of 0-3 amperes. Contacts separate .020 inch. Air gap between relay armature and coil core is .016 inch, contacts closed.

LIGHTING.—Switch Model 475-P. Head and stop lamps are 6-8 volt, 21 cp. S. C. Dash, tail, side and dome lamps are 6-8 volt, 3 cp. S. C.

FUSES.—Lighting fuses are 10 amperes.