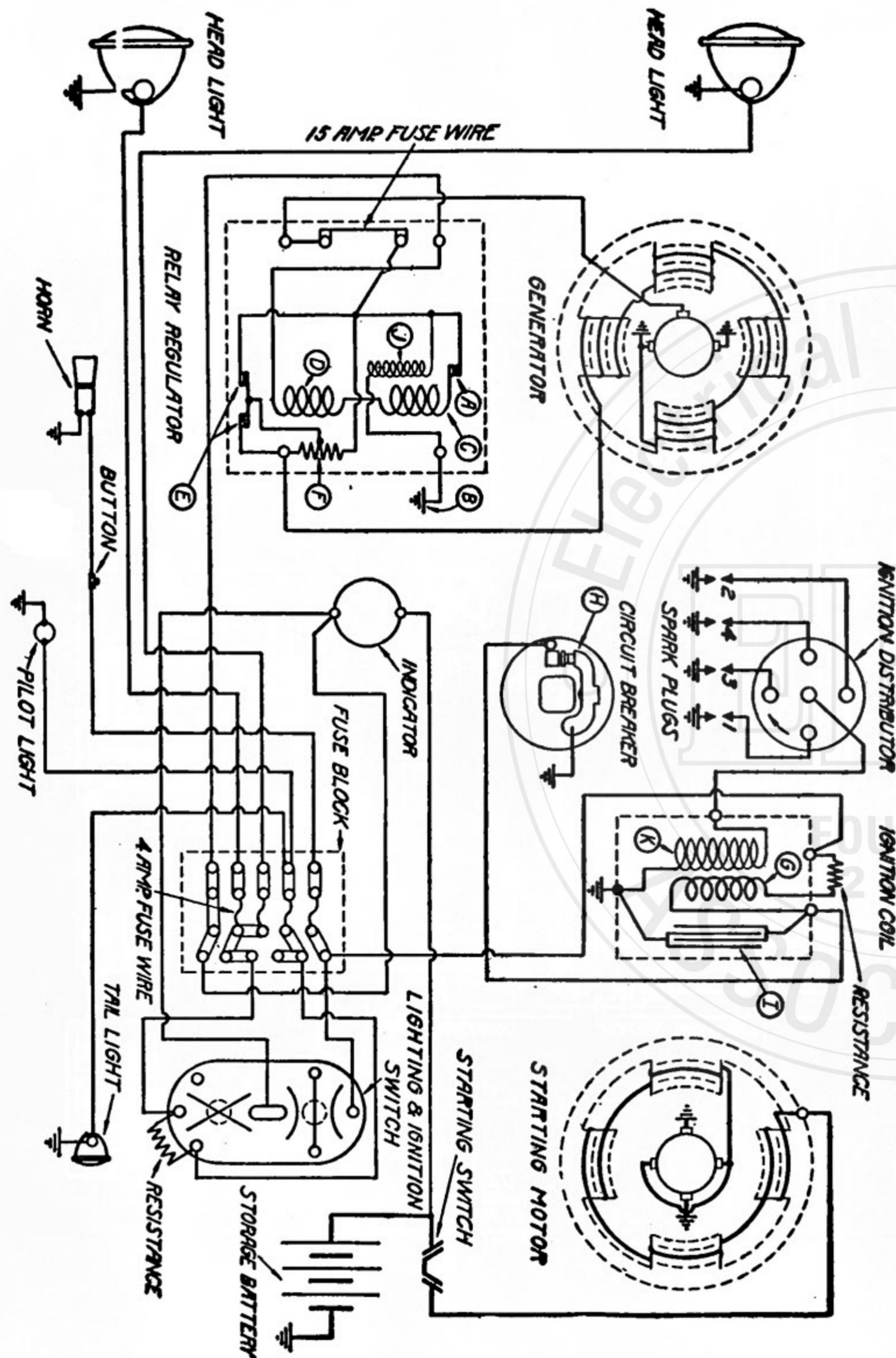




INTERSTATE MODELS T AND TR (1916-17-18-19) REMY GENERATING, STARTING AND LIGHTING SYSTEM REMY IGNITION

Battery.—Battery is 6 volt, 80 ampere-hour. The negative (—) terminal is grounded at the starting motor.

Ignition.—Breaker contacts separate .025 inch. When the condition of the points affects the ignition, resurface with a fine, flat jeweler's file or worn No. 00 sand paper.

Oiling.—Refill the cup under the distributor head with soft cup grease and turn down two turns every two weeks. Put a small amount of vaseline on the fiber bumper of the contact arm, using a toothpick. If the car is driven more than 500 miles in two weeks, these attentions must be given every 500 miles.

Timing.—Breaker contacts begin to separate when the dead center mark on flywheel is at indicator, spark control lever and breaker assembly in the fully retarded position.

Firing Order.—The firing order is 1, 2, 4, 3.

Spark Plug Gaps.—Spark plug gaps are .030 to .032 inch.

Starter.—Model No. 117-A or 184-A. Starter is connected to the engine through a Bendix drive.

STARTER DATA

Model No. 117-A				Model No. 184-A			
Torque	R. P. M.	Amperes	Volts	Torque	R. P. M.	Amperes	Volts
0 lb. ft.	4000-4500	35- 40	6.0	0 lb. ft.	3600-4200	56- 64	6.0
1 lb. ft.	2000-2300	80- 95	5.2-5.6	4 lb. ft.	1150-1250	200-230	4.7-4.8
2 lb. ft.	1450-1600	120-140	4.9-5.2	6 lb. ft.	850- 950	290-310	4.5-4.6
5 lb. ft.	750- 900	225-250	4.6-4.9	14 lb. ft.	Lock	570-600	3.0

Oiling.—Put 5 or 6 drops of light engine oil in each of starter bearing oilers every month.

Generator.—Generator current regulation is by vibrating regulator.

GENERATOR DATA

Model No. 18-A			Model No. 18-C-D		
Amperes	R. P. M.	Volts	Amperes	R. P. M.	Volts
0	370	6.0	0	365	6.0
7	490	6.5	7	510	6.3
14.2	2200	6.9	14.5	1450	6.8

Operating freely as a motor, current is 4 to 4.5 amperes at 5.8 volts. Speed is 420 R. P. M. Shunt field current is 3 to 3.5 amperes at 5.9 volts. Maximum output is reached at 22-26 miles per hour.

Oiling.—Put 5 or 6 drops of light engine oil in each of generator bearing oilers every two weeks. If car is driven more than 500 miles in two weeks, the oiling must be done every 500 miles.

Relay-Regulator.—Relay closes at 6-8 miles per hour and opens at 4-6 miles per hour. The air gap between relay armature (moving member) and coil core is .012 to .015 inch, contacts closed. Contacts separate .012 to .015 inch. Clean relay and regulator contacts by drawing unglazed paper between them. If badly burned or pitted, resurface with well worn No. 00 sand paper. Remove all grit. Adjust before again putting into service. Increase spring tension on regulator armature to increase output, and decrease spring tension to decrease output.

Lamps.—Head lamps are 6-8 volt, 15 cp. Dash and tail lamps are each 6-8 volt, 2 cp.

Fuses.—Fuse on relay-regulator base is 15 ampere. Other fuses are 4 ampere.