

Interstate

MODEL TF (1916-17) (SERIAL NOS. 11504 TO 19108) REMY GENERATING, STARTING AND LIGHTING SYSTEM MEA MAGNETO IGNITION

BATTERY.—Battery is 6 volt, 80 ampere-hour. The negative (—) terminal is grounded.

IGNITION.—Breaker contacts separate .014 to .016 inch. When the condition of the points affects the ignition, resurface with a fine, flat jeweler's file or worn No. 00 sandpaper.

OILING.—Put two or three drops of light machine oil in each of magneto oilers every two weeks. If the car is driven more than 500 miles in two weeks, the oiling must be done every 500 miles.

TIMING.—Breaker contacts begin to separate when piston entering power stroke is on top dead center, 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 .015 to .020 inch.

STARTER.—Starter is connected to the engine through a Bendix drive.

Starter Data. Model No. 184A

Torque, Lb. Ft.	R. P. M.	Amperes	Volts
1	800-1000	55- 65	5.9-6.1
2	650- 900	65- 80	5.8-5.9
4	550- 675	95-115	5.6-5.8
6	450- 550	120-150	5.5-5.7
10	350- 400	175-200	5.3-5.5
13-16	Lock	580-620	4.0-4.2

GENERATOR.—Generator current regulation is by vibrating regulator.

Generator Data. Model 16A

Amperes	R. P. M.	Volts
0.0	370	6.0
7.0	490	6.5
14.2	2200	6.9

Maximum output is reached at 25 miles per hour. Operating freely as a motor, generator takes 4 to 4.5 amperes at 5.8 volts and runs at 430 R. P. M. Shunt field takes 3 to 3.5 amperes at 5.9 volts.

OILING.—Put 4 or 5 drops of light engine oil in generator 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.—Model No. 60A. Relay closes at 6-8 miles per hour and opens at 4 to 6 miles per hour. The air gap between relay armature (moving member) and coil core is .012 to .015 inch, contacts closed. Clean relay and regulator contacts by drawing unglazed paper between them. If badly burned or pitted, resurface with well worn No. 00 sandpaper. 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.—There is a 15 ampere fuse on relay-regulator base. Use commercial 15 ampere fuse in replacing it. Other fuses are 4 ampere.

