

Kissel Kar

Hundred Point Six (1917-18)

Remy Generating and Lighting System. Remy Ignition
Remy or Kissel Starter

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

Ignition.—Breaker contacts should open .020 inch to .025 inch. Should they become badly burned or pitted, affecting the ignition, resurface them with a fine, flat jeweler's file or a piece of well worn No. 00 sand paper.

Timing.—Breaker contacts should just begin to separate when the flywheel marking "1-6 TC" is turned $1\frac{1}{4}$ inch past the indicator, spark control lever and breaker assembly in the fully retarded position.

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

Spark Plug Gaps.—Spark plug gaps should be .025 inch. If engine misses when running idle or pulling light, gap should be made wider. If engine misses when running at high speed, the gap should be made narrower. Of course, this is providing there is no other defect causing the trouble, such as lack of compression, leaky valves, carburetor adjustment, etc.

Oiling.—Fill the grease cup under the distributor head with medium cup grease and turn down two turns every two weeks. If car is driven more than 500 miles in two weeks, the oiling must be done every 500 miles.

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

Oiling.—Put 4 or 5 drops of light engine oil in starter oilers every 500 miles.

Generator.—Generator current regulation is by vibrating regulator,
GENERATOR DATA, MODEL 245-B

Amperes	R. P. M.	Volts
0	600-650	6.0
7	700-750	6.5
13-14	1500	6.9
13-14	3000	6.9

Above tests are made without ignition. Running free as a motor, generator should draw 6 to 6.5 amperes at 5.8 volts, and turn at 740 R. P. M. Shunt field should draw 3.5 to 4 amperes at 5.9 volts,

Oiling.—Put 4 or 5 drops of light engine oil in generator bearing oilers every two weeks. If car is driven more than 500 miles in two weeks, oiling must be done every 500 miles.

Relay-Regulator.—Type 60-A relay-regulator is used. The air gap between relay armature (moving member) and coil core should be .012 inch to .015 inch, contacts closed. Contacts should separate .012 inch to .015 inch. Clean relay and regulator contacts by drawing a piece of unglazed paper between them. If badly burned or pitted, resurface with a strip of well worn No. 00 sand paper, drawing a piece of unglazed paper between them to remove all grit, and adjust before again putting into service. Increasing spring tension on regulator armature will increase the output. Decreasing the spring tension will decrease the output.

Lamps.—Head lamps are 6-8 volt, 20 cp. Tail lamp is 6-8 volt, 2 cp. Dash lamp is 6-8 volt, 2 cp.

Fuses.—Generator fuse on relay-regulator base is 15 ampere, commercial fuse wire. Lighting circuit fuses are 20 ampere.

