

KISSEL

MODEL 55 (1926)

REMY GENERATING, STARTING AND LIGHTING SYSTEM REMY IGNITION

BATTERY:—Willard, Type SJR-4. 6 volt, 110 ampere hour. The positive (+) terminal is grounded.

IGNITION:—Coil Model 284-A. Distributor Model 626-R. Breaker contacts separate .023 inch. They are made of tungsten. When the condition of the contacts affects the ignition, remove and resurface on a hard oilstone. The manual advance is 20°. Automatic advance is 20°.

Oiling:—Turn grease cup two turns and fill oil cup on driving end every two weeks. If car is driven over 500 miles in two weeks, this attention must be given every 500 miles.

Timing:—Breaker contacts begin to separate when the top dead center mark on flywheel is 1¼ 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:—The spark plug gaps are .030 inch.

STARTER:—Model 720-D. The direction of rotation, looking at commutator end, is counter-clockwise. Cranking engine at 100-150 R.P.M. it takes 150 to 200 amperes. Starter is connected to engine through a Bendix drive.

Starter Data

Torque	R.P.M.	Volts	Amperes
0 lb. ft.	5000	5	65
15 lb. ft.	Lock	3.15	570

Starter brush tension should be 20-28 ounces each.

Oiling:—Put 5 or 6 drops of light engine oil into starter oilers every month. If car is driven over 1000 miles per month, these attentions must be given every 1000 miles.

GENERATOR:—Model No. 944-A. Direction of rotation, looking at commutator end, is counter-clockwise. Current regulation is by the third brush system combined with a thermostat located in the shunt field circuit. With thermostat contacts open generator output is cut down approximately 50%. To adjust generator output, loosen cover band and screw on the generator end plate and shift third brush in the direction of armature rotation to increase the charging rate and in the opposite direction to decrease the charging rate.

Generator Data

Cold Test			Hot Test		
Amperes	Volts	R.P.M.	Amperes	Volts	R.P.M.
0	7.0	675	11	8.2	1900
7	7.2	750			
20	8.5	1300			

Shunt field current is 5 amperes at 6 volts. Generator brush tension should be 16 ounces each.

Oiling:—Put 5 or 6 drops of light engine oil into generator oilers every two weeks. If car is driven over 500 miles in two weeks, these attentions must be given each 500 miles.

RELAY:—Model 265-A. Relay contacts close at 675 R.P.M. of the generator when the voltage reaches 7.2 volts and open with a discharge current of 0-2.5 amperes. Contacts separate .014 inch. Air gap between relay armature and coil core is .014 inch, contacts closed.

LIGHTING:—Switch B. & S. Model 40042. Head lamps are each 6-8 volt, 21 cp. Dash lamp is 6-8 volt, 2 cp. Dome and tail lamps are each 6-8 volt, 6 cp.

FUSES:—All fuses are 20 ampere.

