

KISSEL

SERIES 55 (1923-24-25)

REMY GENERATING, STARTING AND LIGHTING SYSTEM

REMY IGNITION

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

IGNITION.—Model 284-A. Distributor Model No. 626-B. 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 fly-wheel 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. 912-B. Direction of rotation, looking at commutator end, is counter-clockwise. Current or voltage regulation is by the third brush and thermostat system. The maximum charging rate is 19-21 amperes, reached at 1800 R.P.M. of armature.

Generator Test Data

Amperes	Colt Test	R.P.M.	Amperes	Hot Test	R.P.M.
7		750			
19-21		1800	10-14		1800
15-18.5		2500			

Brush tension is 14 to 18 ounces on all brushes.

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 No. 264-C. Contacts separate .012 to .015 inch. Air gap between relay contacts and coil core is .012 to .015 inch, contacts closed. Clean relay 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.

LAMPS.—Head lamps are 6-8 volts, 21 cp. Dimmer lamps are 6-8 volts, 4 cp. Dash lamp is 6-8 volt, 2 cp. Tail lamp is 6-8 volts, 6 cp. Dome lamp is 6-8 volts, 6 cp.

FUSES.—All fuses are 20 ampere.

