

AUBURN

MODEL 6-63 (1923-24)

REMY GENERATING, STARTING AND LIGHTING SYSTEM

REMY IGNITION

BATTERY.—Exide, Type 3-XC-15-1. 6 volt. Starting capacity is 114 amperes for 20 minutes. Lighting capacity is 5 amperes for 20 hours. The positive (+) terminal is grounded.

IGNITION.—Coil Model 284-P. Distributor Model 626-H. Breaker contacts separate .020-.025 inch. They are made of tungsten. Resurface contacts on a medium hard oilstone or with a fine, flat jeweler's file. Distributor is of the semi-automatic type. Manual advance is 25°. Automatic advance is 30°.

Oiling.—Refill the grease cup under the distributor head and turn down two turns every two weeks or each 500 miles. Put a small bit of vaseline on the face of the breaker cam under the fiber bumper every two weeks.

Timing.—Breaker contacts begin to separate when the piston entering power stroke reaches top dead center with the spark control lever in the fully retarded position.

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

Spark Plugs.—Spark plug diameters are $\frac{7}{8}$ inch. Gaps are .022 inch.

STARTER.—Model 720-J. Starter is connected to the engine through a Bendix drive. Direction of rotation is counter-clockwise, looking at the commutator end. Starter brush tension should be 20-28 ounces each. Starter switch is Model 404-F.

Starter Data			
Torque	R.P.M.	Volts	Amperes
0 lb. ft.	6000	5	65
15 "	Lock	3.15	570

Oiling.—Put 4 or 5 drops of light engine oil in the oiler at the commutator end of the starter every month or each 1000 miles.

GENERATOR.—Model 917J and R. Direction of rotation is counter-clockwise, looking at the commutator end. Generator current regulation is by the third brush system combined with a thermostat. Thermostat contacts open at 165° F. cutting a resistance into the field circuit and reducing the charging rate by approximately 50%. To adjust the generator charging rate, loosen the small round-headed screw on the generator end plate and shift the third brush mounting bracket. Shifting the third brush in a counter-clockwise direction increases the charging rate and in the opposite direction decreases the charging rate. Tighten the screw after making the adjustments.

Generator Data					
Cold Test			Hot Test		
Amperes	Volts	R.P.M.	Amperes	Volts	R.P.M.
0	7.2	675			
7	7.2	850	11	8.2	1900
19	8.4	1900			

Shunt field current is 5 amperes at 6 volts. Generator brush tension is 22-28 ounces each.

Oiling.—Put 4 or 5 drops of light engine oil in each of generator bearing oilers every month or each 1000 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 current discharge of 0-2.5 amperes. Contacts separate .014 inch. Air gap between relay armature and coil core is .014 inch, contacts closed.

LIGHTING.—Head and stop lamps are each 6-8 volt, 21 cp. Side, tail and dash lamps are each 6-8 volt, 2 cp. Dome and pillar lamps are each 6-8 volt, 4 cp.

FUSES.—Lighting fuses are 20 amperes.

