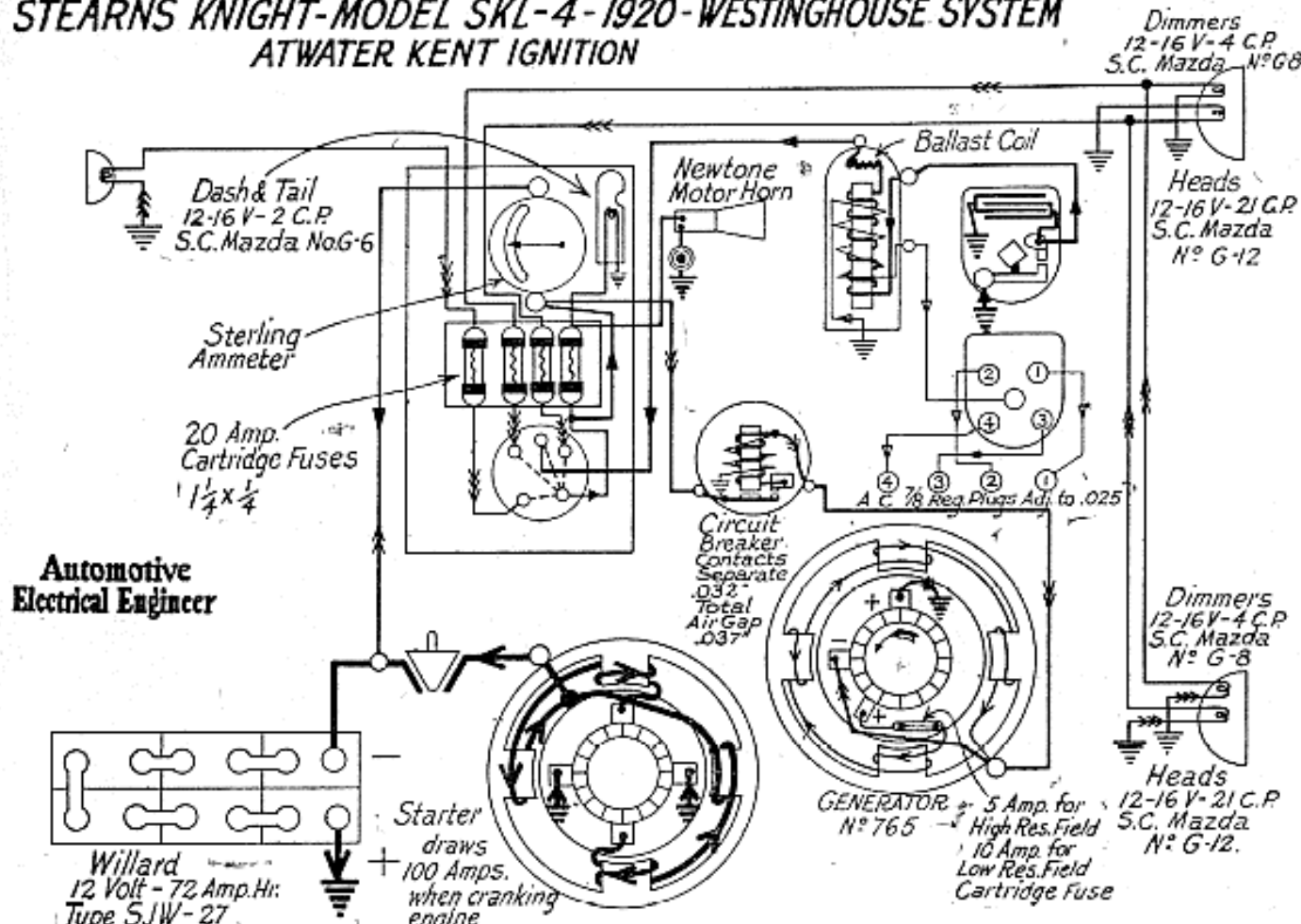


STEARNS KNIGHT-MODEL SKL-4-1920-WESTINGHOUSE SYSTEM ATWATER KENT IGNITION



Automotive Electrical Engineer

Willard
12 Volt - 72 Amp. Hr.
Type SJW-27
9 Plate
Length, 20 1/8", Width, 5 3/8", Height 9 1/16"

- ▲ Starting
- ▲ Charging
- ▲ Shunt
- ▲ Lights
- ▲ Ignition Primary
- ▲ Ignition Secondary
- ⊕ Wires Insulated
- ⊕ Wires Connected

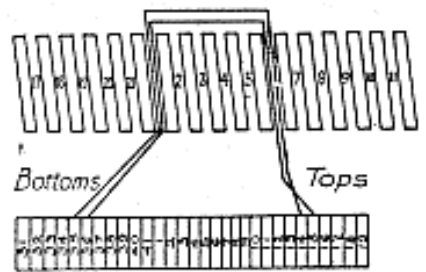
SPECIFICATIONS

GENERATOR		CONTROLLED BY THIRD BRUSH	
OUTPUT			
Speed	Low Res. Field Amps.	High Res. Field Speed	High Res. Field Amps.
420	0	390	0
660	6	560	5
2000	5-9	2000	4-6
STARTER			
Speed	Amps.	Volts	Torque
3000-4000	90	12.5	0
1250	150	10.5	3.5 lbs. feet
Lock	500	5.5	20.0 lbs. feet

BRUSHES
Carbon Composition
BEARINGS
Bronze

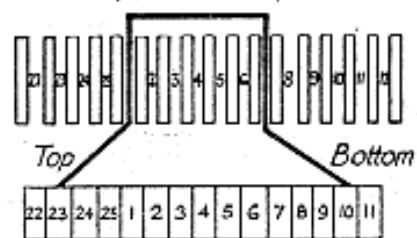
IGNITION
Atwater Kent Type CC
Manual Control
Tungsten contacts separate .006 inch
Points open when D.C. mark on flywheel is 2 past indicator spark fully retarded.

GENERATOR ARMATURE WIRING DIAGRAM



Coils per slot 2
Turns per coil 8
D.C.C. Wire N^o 19
Top Leads 7, 8 L of S1
Bottom Leads 14, 15 R of S1
Dead Coils 1
Winding Quadrant Balance

STARTER ARMATURE WIRING DIAGRAM



Coils per slot 1
Turns per coil 1
Wire bare, size 50 x 150 mils
Top Leads 4 L of S1
Bottom Leads 10 R of S1
Winding 1, 2, 3 etc.