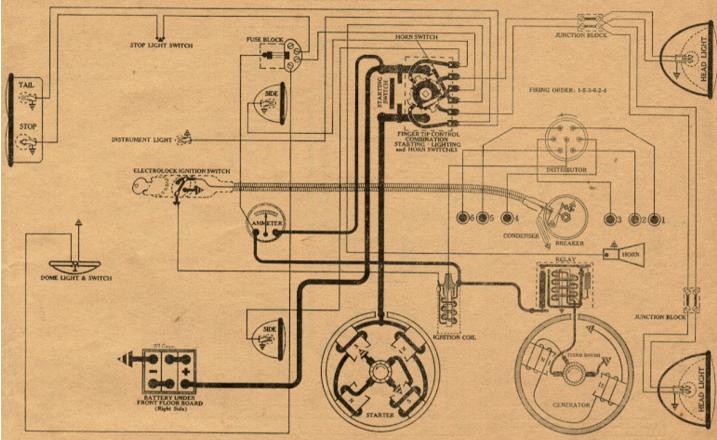
Model, 98-A, 6 Cyl., (1929)



# BATTERY U. S. L., 3-CVX-5X-6A, 6 volts. Negative Terminal Grounded

Starting Capacity-96 amps. for 20 minutes. Lighting Capacity-5 amps. for 17 hours. Box-Length, 9 1/16; width, 7; height, 91/4 inches.

# STARTER Rotation, L. H., Com. End Auto-Lite, MZ-4011

Connection to Engine—Bendix drive.

Running Free—60 amps. at 5.5 volts.

Cranking Engine-180 amps. at 5.2 volts, 200 R. P. M.

Lock Torque—10 pound-feet, 490 amps., 3.6 volts. Brush Spring Tension—20 to 24 oz. on each.

Starting Switch-Located foot of steering column. Operated by pulling up on horn button.

## IGNITION Rotation, L. H., Top View Auto-Lite, IGB-4021

NOTE: This unit is of the full automatic type; however, the spark may be retarded for starting, and on heavy grades, by pulling out on spark knob.

Breaker—Contact separation .020 to .024 inch.

Contact Spring Tension—18-20 oz.

Timing—See detailed instructions P. 1, Sec. AA.

I—Locate T. D. C. 2—Locate rotor. 3—Set spark. Spark Plugs—1/8" long (AC type Z); Gap .025 inch.

Firing Order—1-5-3-6-2-4.

Manual Retard—14 degrees (on Flywheel). Automatic Advance—24 degrees (on Flywheel).

Eng. R.P.M.	Degrees Advance	Dist. R.P.M.	Degrees Advance
	(on flywheel)		(on cam)
800	0-1	400	05
1200	4	600	2
2400	16	1200	
2800	20	1400	10
3200	24	1600	12

Coil-Auto-Lite, IG-4065.

Ignition Switch-"Electrolock", Type 9-A. For theory of operation and instructions on servicing see P. 21. Sec. AA.

## GENERATOR Rotation, L. H., Com. End Auto-Lite GAL-4106

Performance Data-Gen. cold. Amps. R.P.M. Volts Volta Amps. 650... \_6.5 1075. 720. ..6.6 1340 850. 1800

Motoring Freely-5-51/2 amps. at 6 volts. Max. Stall Current-16-19 amps. at 6 volts.

Field Test-4.7 amps. at 6 volts across field coils in series.

Field Fuse-(None).

Brush Spring Tension—20 to 24 oz. on each.

Third Brush Adjustment-Loosen cover band. See Fig. 13, P. 7, Sec. AA.

## RELAY Auto-Lite, CB-4014

Closes-7-7.5 volts.

Opens-1/2-21/2 amps. discharge.

Contact Gap ... . 025 - . 035 inch.

#### LIGHTING

Switch-Briggs & Stratton 40941.

Location-Foot of steering column. This unit is a combination starting switch, lighting switch, and horn switch, all being controlled by horn button on steering wheel. For details of construction and instructions on servicing see P. 28, Sec. AA.

Fuses-Single 20 amp. fuse mounted on block under engine

hood (left side).

Lamps—See P. 3, Sec. AA. HEAD—1110 (Bifocal); IN-STRUMENT-63; DOME-63; STOP AND TAIL (Single Socket) —1158.

E: This is the old style Ford headlight bulb with two filaments; make sure the 3 C. P. filament burns for tail light.