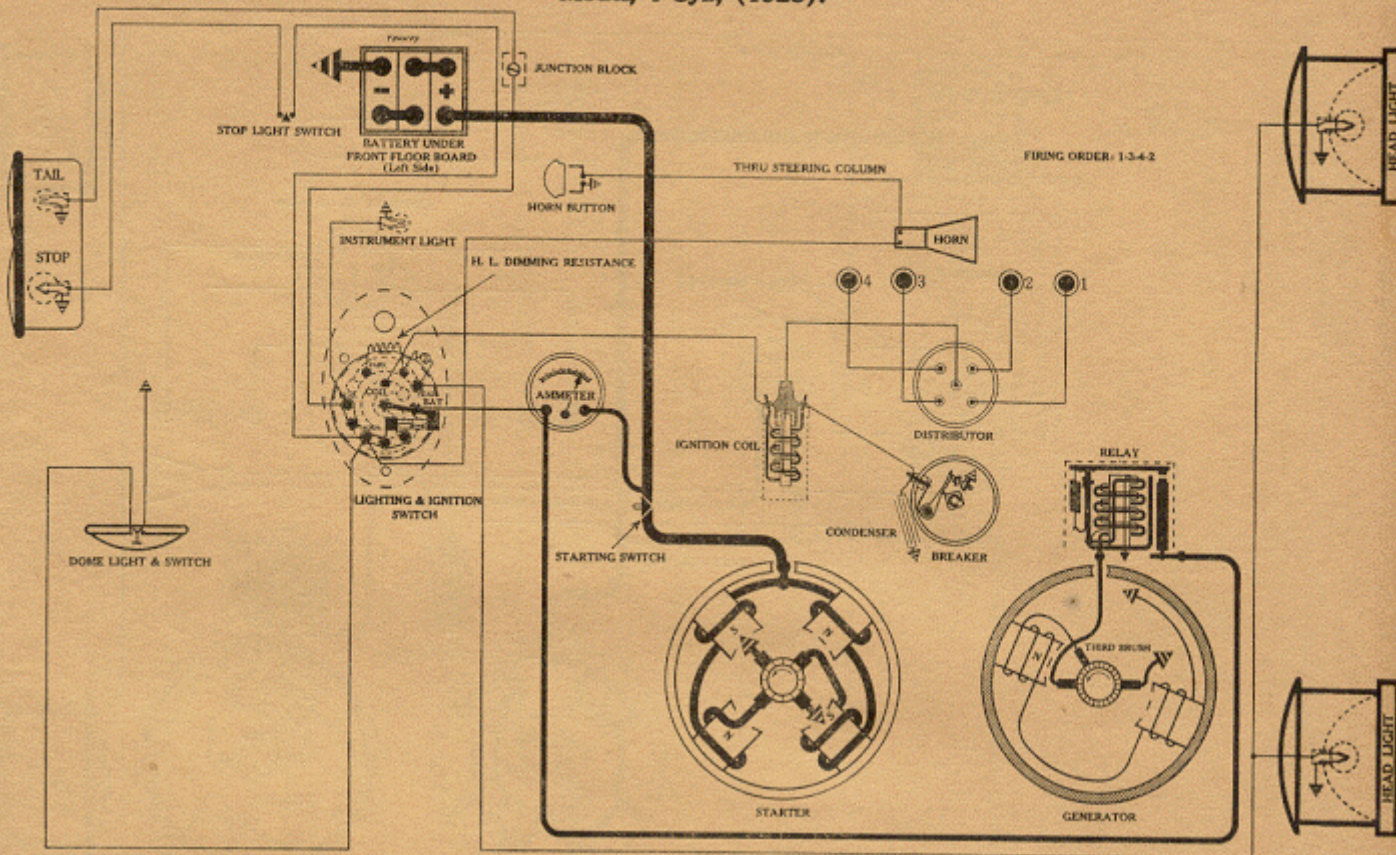


WHIPPET

Model, 4 Cyl., (1928).



BATTERY

U. S. L., 3-CVX-5X-6, 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 1/4; height, 9 1/4 inches.

STARTER

Rotation, L. H., Com. End
 Auto-Lite, MZ-4001

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—1 1/4-1 1/2 lbs. on each.
 Starting Switch—Auto-Lite SW4001.

IGNITION

Rotation, R. H., Top View
 Auto-Lite, Dist. Type IGB-4001-A

Breaker—Contact separation .020 to .024 inch.
 Contact Spring Tension—18-20 oz.
 Timing—See detailed instructions P. 1, Sec. AA.
 1—Locate T. D. C. 2—Locate rotor. 3—Set spark.
 Spark Plugs—7/8 inch regular type A; Gap .025 inch.
 Firing Order—1-3-4-2.
 Manual Advance—(None).
 Automatic Advance—28 degrees (on Flywheel).

Eng. R.P.M.	Degrees Advance (on flywheel)	Dist. R.P.M.	Degrees Advance (on cam)
550	0-1	225	0-5
800	4-6	400	2-3
1200	12-14	600	6-7
1800	18-20	900	9-10
2200	22-24	1100	11-12
2600	26-28	1300	13-14

Coil—Auto-Lite, IG-4065.

GENERATOR

Rotation, L. H., Com. End
 Auto-Lite, GAL-4102

Performance Data—Gen. cold.

Amps.	R.P.M.	Volts
0	650	6.5
2	720	6.6
5	850	7.
10	1075	7.3
14	1340	7.7
16	1800	8.

Motoring Freely—5-5 1/2 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—1 1/4 to 1 1/2 lbs. on each.
 Third Brush Adjustment—Loosen cover band. See Fig. 13,
 P. 7, Sec. AA.

RELAY

Auto-Lite, CB-4007

Closes—7-7.5 volts.
 Opens—1/2-2 1/2 amps. discharge.
 Contact Gap—.025-.035 inch.
 Core Gap—.010-.030 inch, contacts closed.

LIGHTING

Switch—Briggs & Stratton, No. 40097.
 Fuses—Single 20 amp. fuse mounted vertically on switch
 back.
 Lamps—See P. 3, Sec. AA. HEAD—1129; INSTRUMENT
 —63; DOME—63; TAIL—63.