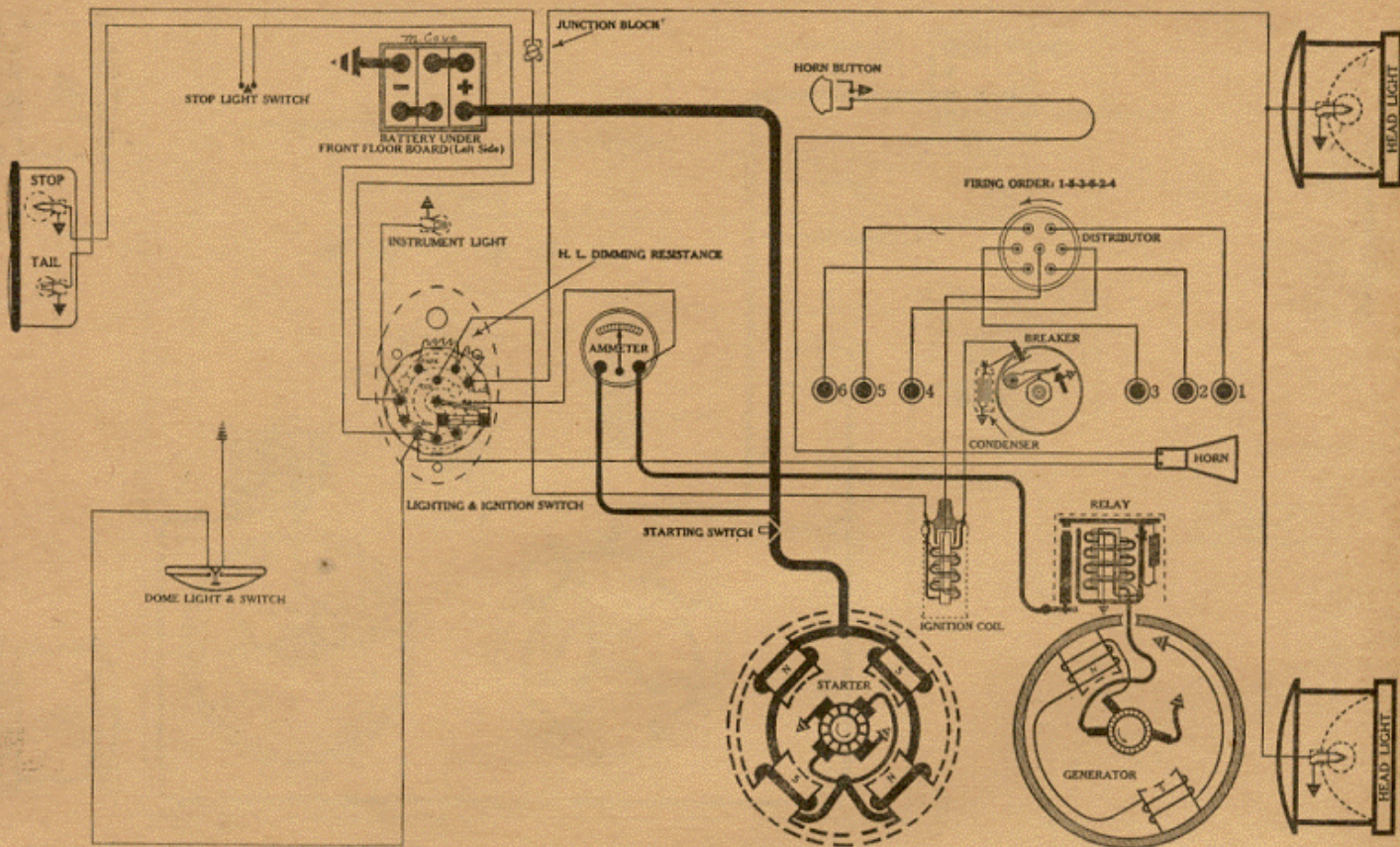


# WHIPPET

Model, 6 Cyl., (1928).



## BATTERY

U. S. L., 3-CVX-6X-6, 6 volts. Negative Terminal Grounded  
 Starting Capacity—115 amps. for 20 minutes.  
 Lighting Capacity—5 amps. for 21 hours.  
 Box—Length, 10 7/16; width, 7 7/16; 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 to 1 1/2 lbs. on each.  
 Starting Switch—Auto-Lite, SW-4001.

## IGNITION

Rotation, L. H., Top View  
 Auto-Lite, Dist. Type IGB-4009

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—1/8 inch regular type A; Gap .025 inch.  
 Firing Order—1-5-3-6-2-4.  
 Manual Advance—12 degrees (on Flywheel).  
 (Operated by pull wire from instrument board).  
 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-4106

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 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.