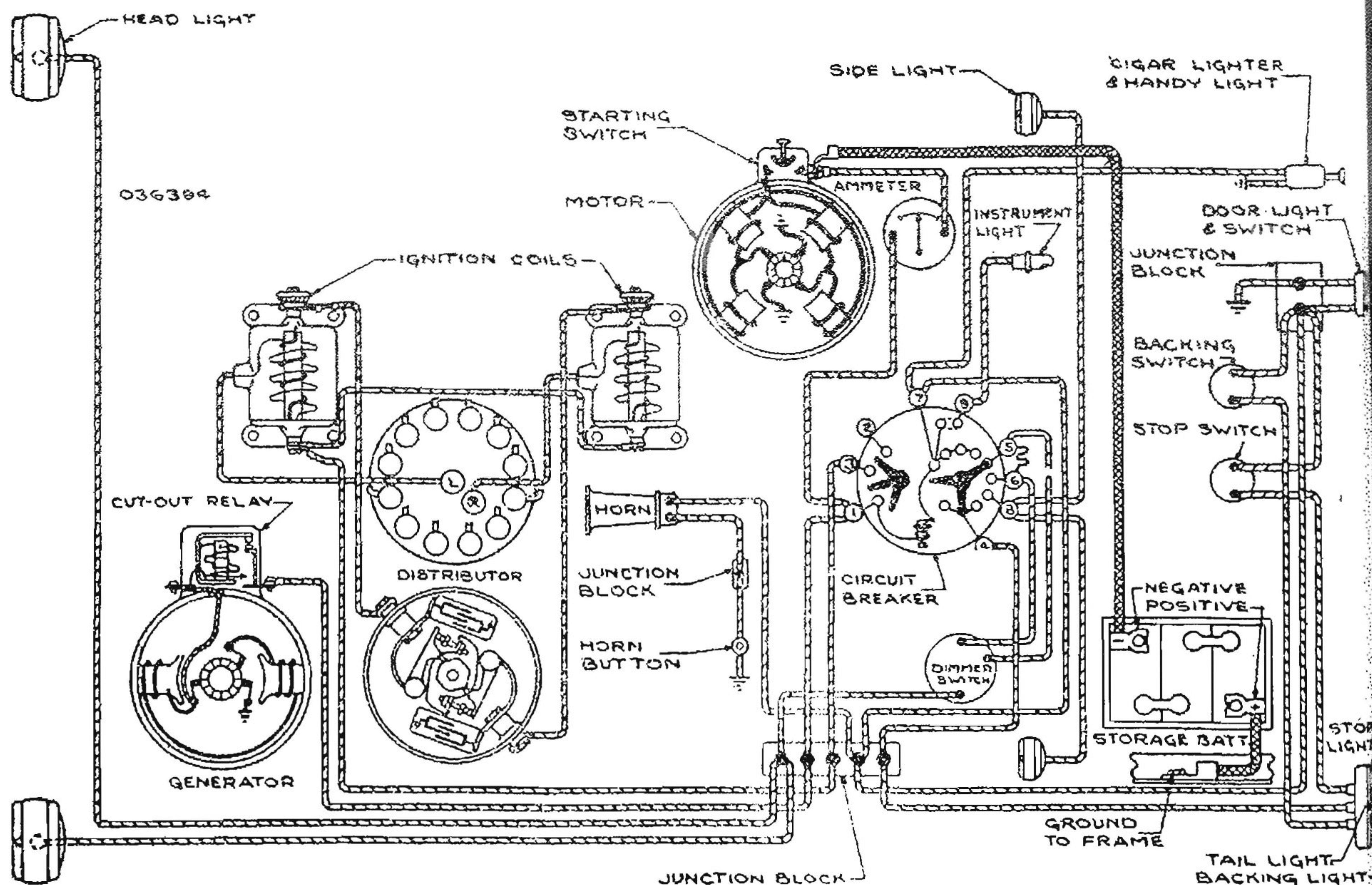


MARMON SIX—1926 MODEL

Courtesy Delco-Remy Corp., Anderson, Ind.



TEST DATA

Marmon-6 1926 Model

STARTING MOTOR No. 320

Stall Torque—18¼ Ft. lbs., 3.2 Volts at motor

No Load Test—60 Amperes at 6 Volts.

Brush Spring Tension—2¼-2½ lbs. on each.

Bearings and Lubrication—Three bronze bearings inlaid with graphite. Lubrication in service unnecessary.

GENERATOR AND DISTRIBUTOR No. 319

Generator Test—Hot. 4 Amperes at 800 r.p.m. Average output required, 12-14 Amperes.

Note—Above readings taken at generator. Readings at ammeter on dash will be 2 Amperes lower. If generator is tested COLD add 3 Amperes to above readings.

To Adjust Charging Rate—Remove generator cover band. To increase charging rate shift third brush mounting plate in direction of armature rotation by means of handle on plate. Plate held in any position by friction clamp washers.

Brush Spring Tension—1¼-1½ lbs. on each.

Cut-Out Relay—Contacts close 6¼-7½ Volts. Separate with a discharge of 0-3 Amperes. Gap between armature and core with contacts closed, .009-.010 inch.

DISTRIBUTOR

Contact Separation—.020-.0275 inch.

Contact Spring Tension—16-20 oz.

Automatic Advance—Start 550 r.p.m. Maximum 22-26 degrees at 2000 r.p.m.

Manual Advance—10 Degrees.

Total Automatic and Manual—60 Degrees.

Timing—Fully advance, park lever. With No. 1 piston on compression stroke place the flywheel 8 teeth ahead of F.D.C. mark. Loosen timing adjustment screw. Locate rotor buttons under Nos. 1-R and 1-L H.I. terminals. Carefully adjust cam in this position so that contacts just separate. Both sets of contacts should break at same time. Tighten timing adjustment screw.

Firing Order—1-5-3-6-2-4

COMBINATION SWITCH No. 1278

Circuit Breaker—Vibrating type. Starts 25-30 Amps. Operates 10-15 Amps.

Switch Circuit Tests—

Both levers "OFF"—1 & 7... 4 & 6... Connected

Ignition lever "ON"—1, 2 & 7... Connected

Light lever 1st position—1, 4 & 7... Connected

Light lever 2nd position—1, 4, 7 & 8... Connected

Light lever 3rd position—1, 4, 5, 6 & 7... Connected

Light lever 4th position—1, 4, 5, 6 & 7... Connected

Cowl button "ON"—1, 7 & 9... Connected

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