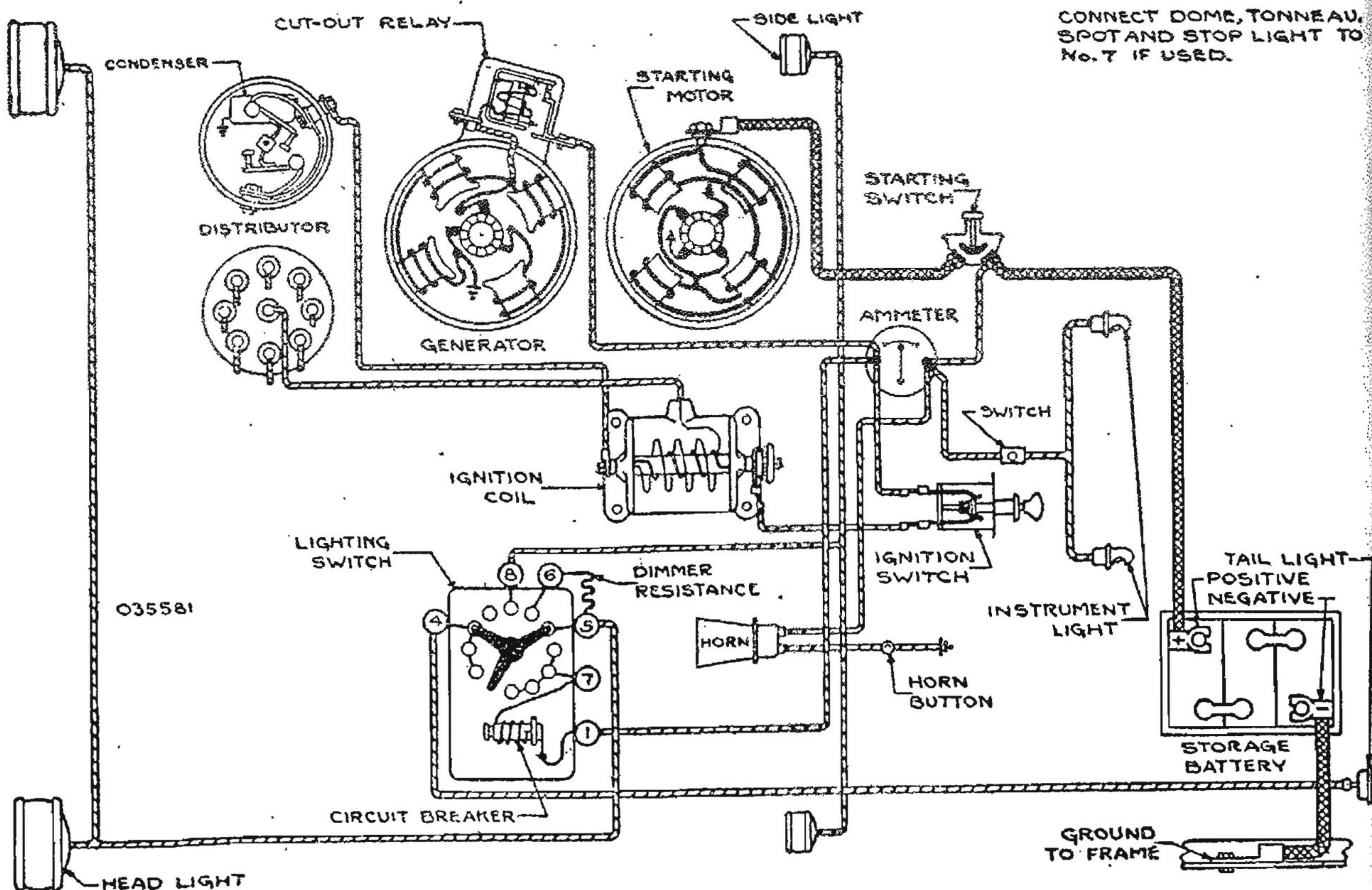


DIANA—1926 MODEL

Courtesy Delco-Remy Corp., Anderson, Ind.



TEST DATA

Diana 1926 Model

STARTING MOTOR No. 313

Stall Torque—1r Ft. lbs., 3.2 Volts at motor.
No Load Test—50 Amperes at 6 Volts.
Brush Spring Tension—2¼-2½ lbs. on each.

GENERATOR No. 325.

Generator Test—Hot. 5 Amperes at 800 r.p.m.
Maximum 15 Amperes at 1600 r.p.m. Average output required, 12-14 Amperes.
To Adjust Charging Rate—Remove cover band. By means of handle on third brush plate shift third brush in direction of armature rotation to increase charging rate. Plate held in any position by friction clamp washers.
Brush Spring Tension—1¼-1½ lbs. on each.
Cut-Out Relay—Contacts close 6¾-7½ Volts. Separate with a discharge of 0.3 Amperes. Gap between armature and core with contacts closed .009-.010 inch.

DISTRIBUTORS Nos. 5282 and 5287

Contact Separation—.020-.025 inch.
Contact Spring Tension—13-16 oz.
Automatic Advance—Start 600 r.p.m. Maximum 18-24 Degrees at 2000 r.p.m.
Manual Advance—40 Degrees.

Total Automatic and Manual—64 Degrees.

Timing—Fully retard spark lever. Remove inspection cover on flywheel housing. With No. 1 piston on compression stroke turn over engine until flywheel mark DC/IEC is at indicator. Loosen timing adjustment screw and locate rotor button under position of No. 1 H.T. terminal. Adjust stationary set of contacts to just separate. Tighten timing adjustment screw. Turn over engine one quarter turn indicated on flywheel by a small straight mark. Loosen two hold-down screws in the movable breaker plate and adjust the contacts to just break. Tighten breaker plate hold-down screws.

Note—On distributor No. 5282 both sets of contacts are mounted on a single adjustable plate. Otherwise it is the same as No. 5287.

Firing Order—1-6-2-5-8-3-7-4.

LIGHTING SWITCH No. 1283

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

Switch Circuit Tests—

Lever at "OFF" position—1 & 7—4 & 5...Connected
Lever 1st position—1, 7 & 4...Connected
Lever 3rd position—1, 7, 4 & 8...Connected
Lever 4th position—1, 7, 4, 5 & 6...Connected

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