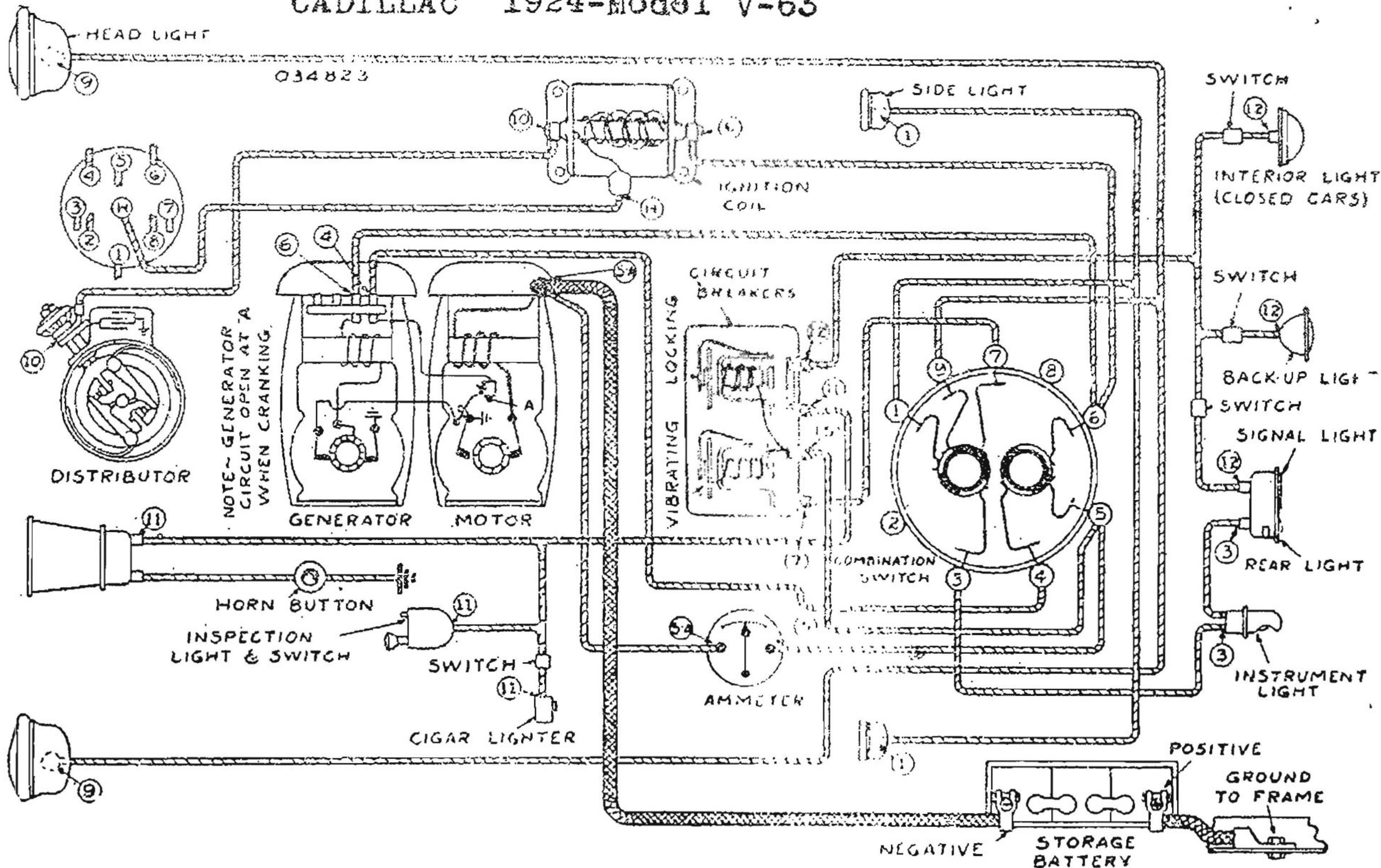


CADILLAC 1924-Model V-63



TEST DATA

Cadillac, 1924—Model V-63

STARTING MOTOR No. 98 DELCO-REMY

Stall Torque—6 Ft. lbs., 3.9 Volts at motor.

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

Bearings and Lubrication—Annular ball bearing at generator commutator end. Cylindrical ball bearing at motor commutator end.

GENERATOR No. 98 DELCO-REMY

Generator Test—Hot. Cut-in 420 r.p.m. Maximum 17-19 Amperes at 1500 r.p.m. Average output required, 16 Amperes.

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

To Adjust Charging Rate—Loosen generator cover band. Loosen the two screws in third brush arm one or two turns. Slide brush arm in direction of armature rotation to increase charging rate. Tighten the two screws. Sand in third brush to proper seat.

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.

DISTRIBUTOR No. 5239 DELCO-REMY

Firing Order—1L-4R-4L-2L-3R-3L-2R-1R.

Contact Separation—.015-.020".

Contact Spring Tension—13-16 oz.

Manual Advance—18-22 degrees.

Automatic Advance Starts operating at 800 r.p.m.

Maximum Advance 16½-18 degrees at 2000 r.p.m.

Total Manual and Automatic—40 degrees.

Timing Operation—Fully retard the spark. Place No. 1 piston on T.D.C. on compression stroke. Loosen timing adjustment screw. Locate rotor button under No. 1 H.T. terminal. Carefully locate breaker cam so that contacts just separate. Tighten adjustment screw.

LIGHTING AND IGNITION SWITCH

Combination Switch No. 1250

Circuit Breaker—Vibrating. No. 5759 starts 25-30 Amps. Operates 10-15 Amps.

Lock-Out—Starts 25-30 Amps. Operates with discharge less than 1 Amp.

Switch Circuit Tests—

Both levers "OFF"—No terminals... Connected Ignition lever "ON"—4, 5 & 6... Connected Light lever, 1st position—3, 7 & 9... Connected Light lever, 2nd position—3, 7 & 9... Connected

