

CHEVROLET

MODEL D, 8 CYLINDER (1917-18)

AUTO-LITE GENERATING, STARTING AND LIGHTING SYSTEM REMY IGNITION

This Page Applies to First 1000 Cars

BATTERY.—Battery is 6 volt, 115 ampere-hour. The negative (—) terminal is grounded at the starting motor.

IGNITION.—Breaker contacts separate .020 to .025 inch. When condition of contacts affects the ignition, resurface with a fine flat jeweler's file or worn No. 00 sandpaper.

OILING.—Refill the cup under the distributor head with soft cup grease and turn down two turns every two weeks. At the same time put a small amount of vaseline on the fiber bumper of the contact arm, using a toothpick. If the car is driven more than 500 miles in two weeks, these attentions should be given every 500 miles.

TIMING.—Breaker contacts begin to separate when the piston entering power stroke is on top dead center, spark control lever and breaker assembly in the fully retarded position.

FIRING ORDER.—The firing order is 1R, 4L, 2R, 3L, 4R, 1L, 3R, 2L.

SPARK PLUG GAPS.—Spark plug gaps are .025 inch to .030 inch.

STARTER.—Model ME. Starter is connected to the engine through a Bendix drive.

Starter Data		
Torque	R.P.M.	Amperes
1 lb. ft.	1960	80
3 lb. ft.	1100	160
5 lb. ft.	800	220
7 lb. ft.	500	280
9 lb. ft.	230	340
13 lb. ft.	Lock	470

OILING.—Starter bearings are packed with soft cup or ball bearing grease. Thoroughly clean out and repack every 6 months.

GENERATOR.—Model GH. Generator current regulation is by third brush system.

Ampere	Generator Data	R.P.M.
5.00		760- 820
10.00		1020-1100
12.50		1200-1300
15.00		1460-1675
15-16		1950-2250

When generator is operating freely as a motor, current is 2.7 amperes, armature revolving at 450 R.P.M. Shunt field current is 1.7 amperes.

OILING.—Put several drops of light engine oil in each of generator oilers every two weeks. If car is driven more than 500 miles in two weeks, oiling must be done every 500 miles.

RELAY.—Relay closes at 8-10 miles per hour or 550-600 R.P.M. of armature and opens at 5-8 miles per hour or 450-500 R.P.M. of armature. Charging current is .5 to 1.5 amperes at closing and the discharge current, 0-1 ampere at opening of relay. Clean relay contacts by drawing unglazed paper between them. If badly burned or pitted, resurface with well worn No. 00 sandpaper. Remove all grit. Adjust before again putting into service.

LAMPS.—Head lamps are 6-8 volt, 15 cp. Dimmer lamps are 6-8 volt, 4 cp. Dash lamp is 6-8 volt, 2 cp. Tail lamp is 6-8 volt, 2 cp.

FUSES.—Fuses are 20 ampere.

