

ELKHART

1916 MODEL CROW ELKHART

SPLITDORF GENERATING, STARTING AND LIGHTING SYSTEM DELCO IGNITION

BATTERY.—Battery is 12 volt, 35 ampere-hour. The negative (—) terminal is grounded at the starting switch.

IGNITION.—Breaker contacts separate .018 to .023 inch. They are made of tungsten. When the condition of the points affects the ignition, remove and resurface with fine emery cloth or against the side of an emery wheel, finishing on a hard oil stone.

OILING.—Put 3 or 4 drops of light engine oil in timer bearing oilers every two weeks. If car is driven more than 500 miles in two weeks, oiling must be done 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 1, 3, 4, 2.

SPARK PLUG GAPS.—Spark plug gaps are .027 to .030 inch.

STARTER-GENERATOR.—Starter and generator are combined into one unit. Armature is permanently chain connected to engine crank shaft.

GENERATOR.—Generator current regulation is by reverse series field. Maximum charging rate of 15 amperes is reached at 1500 R.P.M. of armature, or 20-25 miles per hour.

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

RELAY.—Cutout relay closes at 7-9 miles per hour and opens at 5-7 miles per hour. Charging current is 1-3 amperes at closing and the discharge current 0 to 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. Dash lamp is 6-8 volt, 2 cp. Tail lamp is 6-8 volt, 2 cp.

FUSE.—Fuse on back of indicator-relay is 15 ampere.

