FILE IN THE

prestolite SERVICE MANUAL

GENERATOR SECTION

(Issued 3-16-78)

VOLTS 6 RATED OUTPUT 30 Amperes VENTILATED Yes

ROTATION CWDE BRUSHES 2 POLES 2

CONTROL Vibrating-Current-Voltage Regulator

GROUND POLARITY See Tabulation BEARINGS Ball at drive end. Absorbent bronze at commutator end

LUBRICATION Periodically add 5 drops of medium engine oil to the end head oilers. At overhaul, pack open ball bearings 1/4 to 1/2 full with a good ball bearing lubricant. NOTE- Some ball bearings are sealed, these units are prelubricated and require no additional lubrication.

BRUSH SPRING TENSION 18 to 36 ounces with new brushes. Tension is measured by using an adaptor and hooking it under the brush arm as near to the brush as possible. Take the reading just as the arm leaves the brush.

FIELD COIL DRAW (70°F.) 1.6 to 1.7 amperes at 5.0 volts.

MOTORING DRAW (70°F.) 3.8 to 4.5 amperes at 5.0 volts.

OUTPUT TEST (70°F.) 8.0 volts, 20 minimum amperes at 1750 RPM.
8.0 volts, 30 amperes at 2000 RPM.

Unit	Ground Polarity	Internal Wiring
GJK-7001A, B, C, S	Positive	Fig. 1
GJK-7001AN, SN	Negative	Fig. 1
GJK-7002A	Positive	Fig. 1

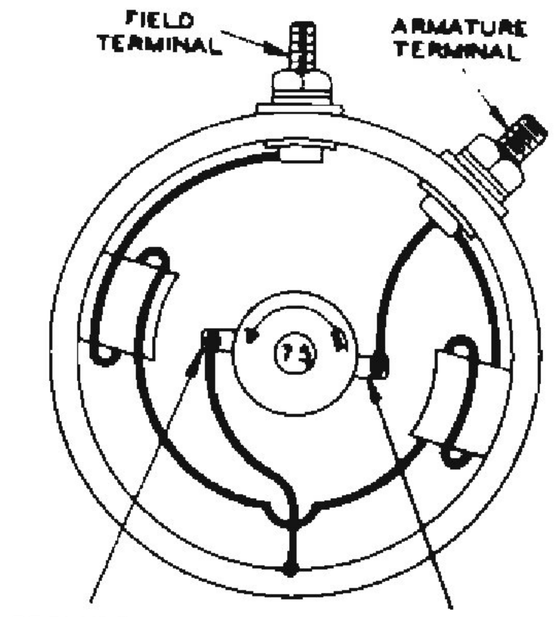

Figure 1

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