FILE IN THE

GKJ

prestolite SERVICE MANUAL

GENERATOR SECTION

(Issued 3-16-78)

VOLTS 12 RATED OUTPUT See Tabulation VENTILATED See Tabulation

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 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. Brush spring 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.) — 1.2 to 1.3 amperes at 10.0 volts

MOTORING DRAW (70°F.) — 2.9 to 3.3 amperes at 10.0 volts
(Have field and armature terminals connected together.)

OUTPUT TESTS (70°F.) — 15.0 volts, 10.0 amperes at 1500 maximum RPM.
15.0 volts, 20.0 amperes at 1900 maximum RPM.

Unit	Rated Output (Amperes)	Vent.	Ground Polarity
GKJ-7103AN, BN, CN, FN, SN	20	Yes	Negative
GKJ-7103F	20	Yes	Positive
GKJ-7104F	20	Yes	Positive
GKJ-7104FN, SN	20	Yes	Negative
GKJ-7201A, B, S	20	Yes	Positive
GKJ-7302S	10	No	Positive
GKJ-7302SN	10	No	Negative
GKJ-7303E, S	10	No	Positive
GKJ-7303J, L, SN, SSN	10	No	Negative
GKJ-7305A, B, S	10	No	Negative
GKJ-7306S	10	No	Positive

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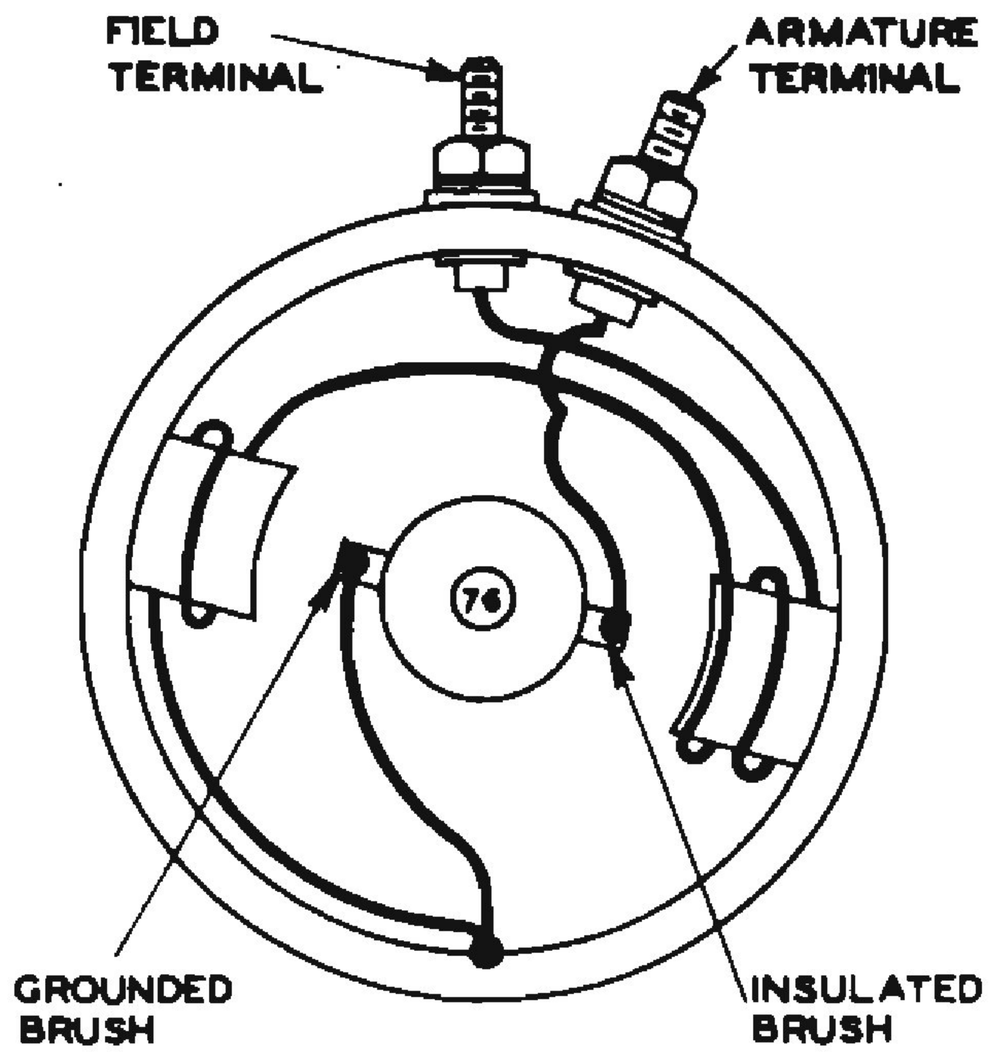

VIEWED FROM COMMUTATOR END