prestolite SERVICE MANUAL

GENERATOR SECTION

(Issued 3-16-78)

VOLTS 6 **VENTILATED** Yes **RATED OUTPUT** 90 Amperes

POLES 2 **BRUSHES** 2 **CONTROL** Vibrating CV Regulator

ROTATION CWDE

BEARINGS Ball at drive end. Absorbent bronze at commutator end.

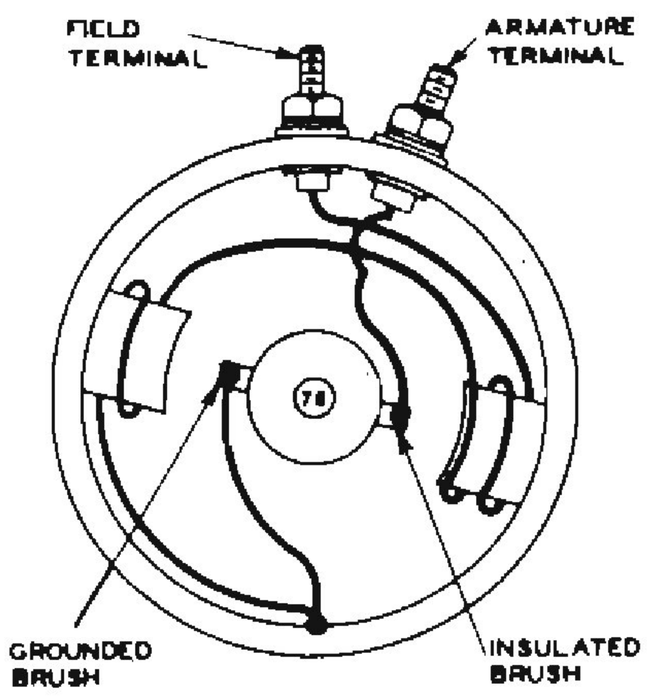
LUBRICATION Periodically add 5 drops of medium engine oil to the End Head Oilers. At overhaul, pack open ball bearings 1/4 to 1/2 full with a good ball bearing lubricant. NOTE - Some ball bearings are sealed, these units are pre-lubricated and require no additional lubrication.

BRUSH SPRING TENSION 18 to 36 ounces with new brushes. This 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.

GROUND POLARITY Negative.

FIELD COIL DRAW	(70°F.)	2.58 to 2.71 amperes at 8.0 volts.
MOTORING DRAW	(70°F.)	12.5 amperes at 8.0 volts.
OUTPUT TEST	(70°F.)	8.0 volts, 65 minimum amperes at 3500 RPM.

Unit
GKR-7101A,S



VIEWED FROM COMMUTATOR END

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