VOLTAGE 12 ROTATION CWDE BRUSHES 4 POLES 4

VENTILATED No FRAME DIAMETER 4 1/2"

BEARINGS Absorbent bronze bearings used at both ends.

LUBRICATION Soak absorbent bronze bearings and felt oiling pad with SAE 20 oil. Allow excess oil to drain out before assembling end head on motor.

BRUSH REPLACEMENT Replace brushes when they have worn to a length of 1/4" or less.

SPRING TENSION 32 to 40 ounces with new brushes. Measure with a spring scale hooked under the brush spring at the brush. Pull the scale on a line opposite the line of force exerted by the brush spring and take the reading just as the spring leaves the brush.

POLE SHOE INSTALLATION When replacing field coils, install the pole shoes so that the longer tip is pointing in the same direction as armature rotation.

END PLAY Adjust to .005 minimum with thrust washers on the commutator end of the armature shaft. Refer to Parts & Equipment List for thrust washer package.

TEST SPECIFICATIONS ($77^{O}F$)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	10	55	9500 Min.	-----
Stall Torque Test	4	370	0	5.3

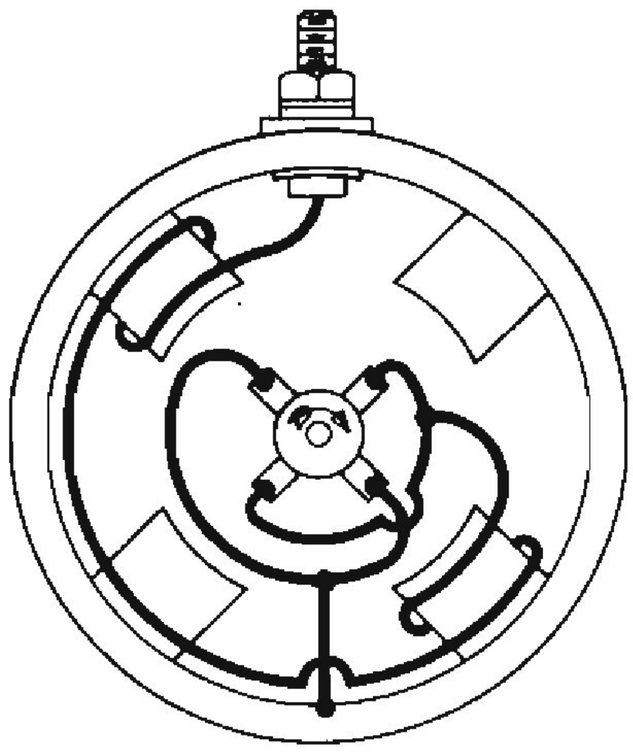
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SERVICE

INFORMATION

Unit

MFB-6001



VIEWED FROM COMMUTATOR END

INTERNAL WIRING DIAGRAM