VOLTAGE 12 ROTATION See Tabulation BRUSHES 4 POLES 4

VENTILATED No FRAME DIAMETER 4-1/2"

BEARINGS

Absorbent bronze bearings used at commutator end. Prelubricated and sealed ball bearing used at drive end but not supplied with drive end head.

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.

Ball bearings are prelubricated and sealed and require no additional lubrication.

BRUSH REPLACEMENT

The brushes must be replaced when they have worn to a length off 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 installing 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" to .030" with thrust washers on the commutator end of the armature shaft. Refer to Parts & Equipment List for thrust washer package.

TEST SPECIFICATIONS (77°F/26°C)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	10.0	55	6500 Min.	0
Stall Torque Test	2	330	0	8.0

prestolite.
SERVICE
INFORMATION

UNIT	ROTATION	INTERNAL WIRING
MMY-4001,A	CCWDE	Fig. 1
MMY-4002,S	CWDE	Fig. 2

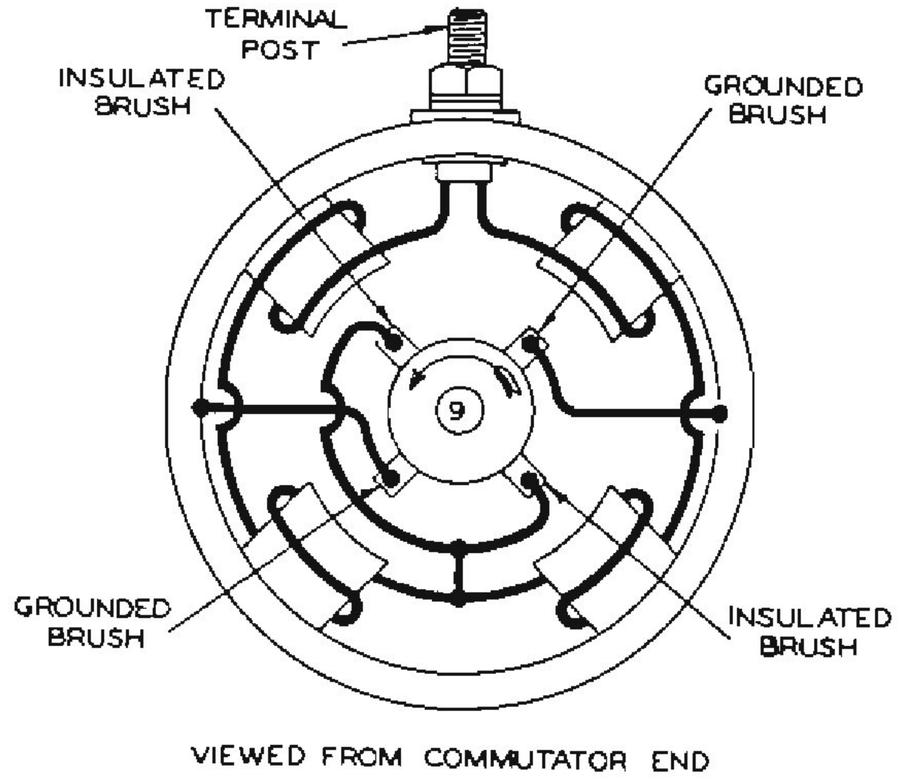


FIG. 1

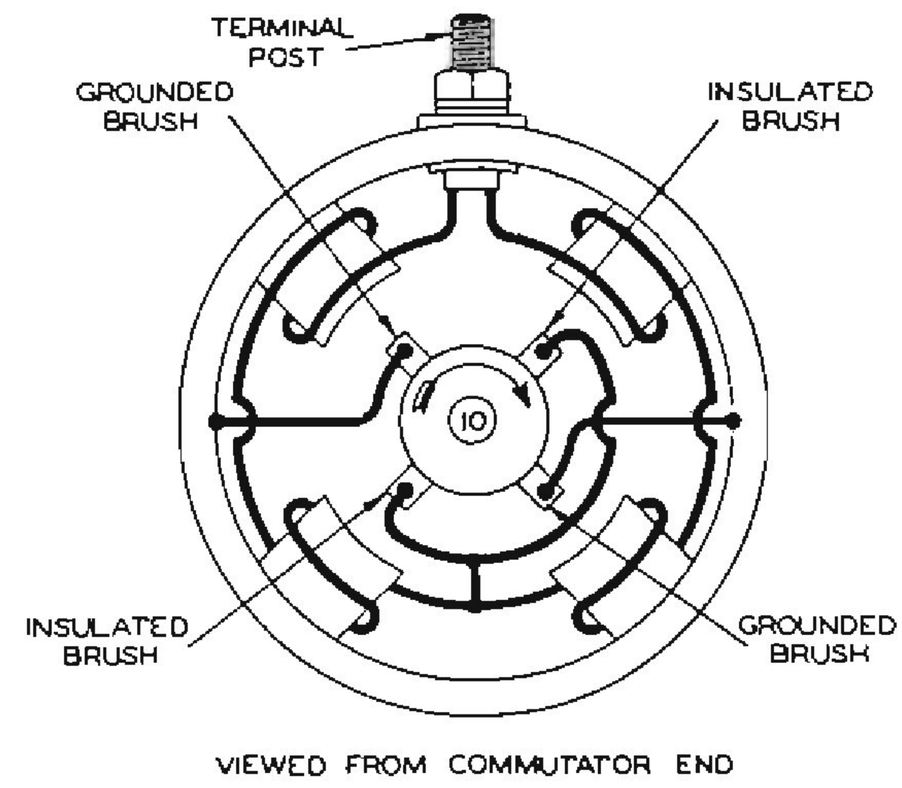


FIG. 2