VOLTS 6 ROTATION See Tabulation BRUSHES 4 POLES 4

LUBRICATION — At overhaul, all bronze bearings should be well lubricated with medium engine oil.

Cover armature shaft at drive end with a film of light oil before assembling drive.

STARTING SWITCH — See Tabulation

BRUSH SPRING TENSION — 42 to 53 ounces with new brushes. This tension is measured with the scale hooked under the spring at the bend and the reading is taken just as the spring leaves the brush. The pull of the spring scale is to be at right angles to the line of force exerted by the brush spring.

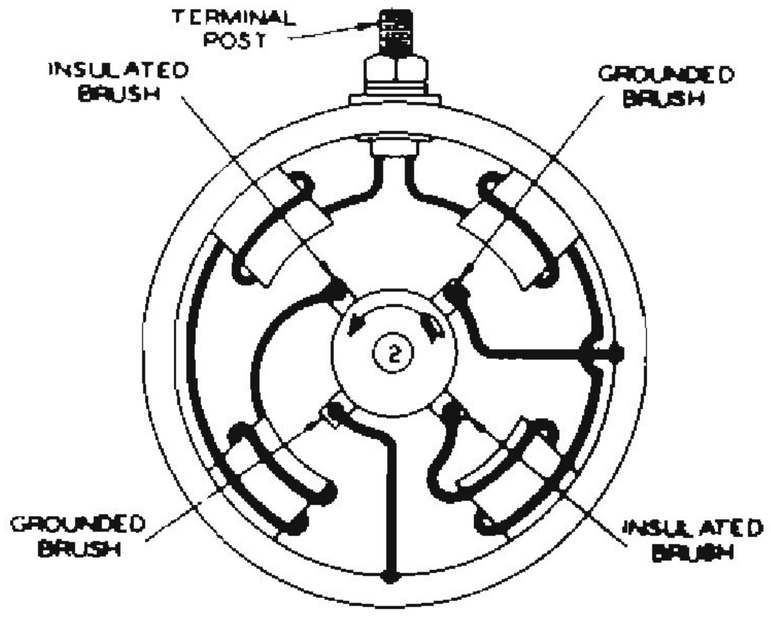
TRANSMISSION — Bendix Drive

END PLAY — Not to exceed 1/16 inch maximum

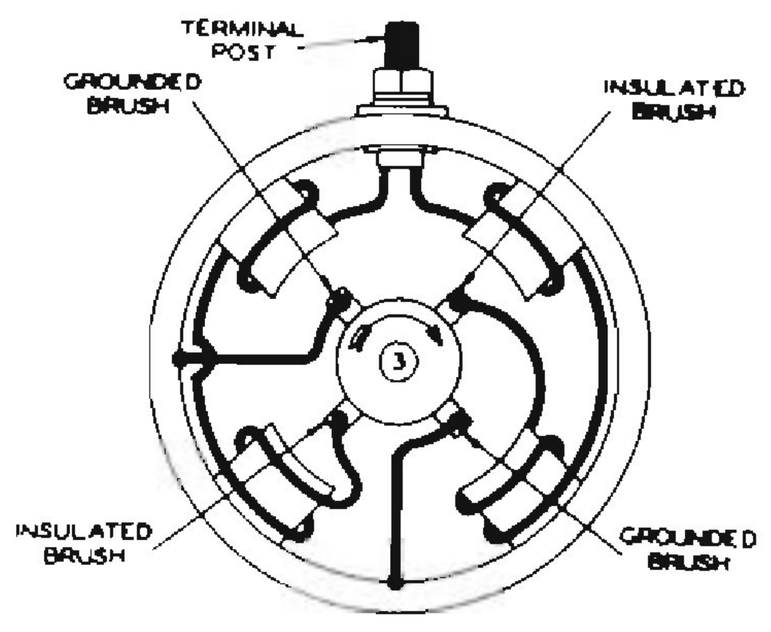
TEST SPECIFICATIONS (70°F.)

No Load Draw	5.0 volts, 64 maximum amperes, 3900 minimum RPM.
Stall Torque	2.0 volts, 350 maximum amperes, 6.5 minimum Lbs. Ft.

Unit	Rotation	Starting Switch Mounted
MAJ-4040	CWDE	Separate
MAJ-4047	CWDE	On Motor
MAJ-4049	CCWDE	On Motor



Internal Wiring of CDWE Motors



Internal Wiring of CCWDE Motors