FILE IN THE

prestolite SERVICE MANUAL

MGA

STARTING MOTOR SECTION

(Issued 3-16-78)

ROTATION CWDE VOLTS 12 POLES 2 BRUSHES 2

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

Cover armature snaft at Drive End with a film of lubricant before assembling drive.

STARTING SWITCH Mounted Separately.

BRUSH SPRING TENSION 27 to 43 ounces with new brushes. This tension is measured with the scale hooked under the brush spring at the bend and the reading is taken just as the spring leaves the brush.

END PLAY .015" to .040". Adjust by adding thrust washers to the armature shaft, in front of the commutator, as required.

TRANSMISSION L. H Bendix Drive.

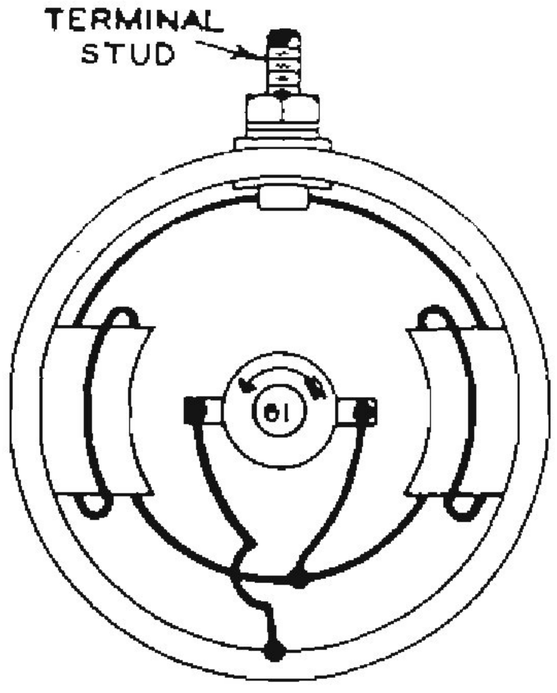
TEST SPECIFICATIONS

No Load Draw - 11.0 volts, 24 maximum amperes, 8400 minimum RPM.
Stall Torque - 9.5 volts, 270 maximum amperes, 5.0 minimum Lbs. Ft.

Unit	Pinion Position *	Special Instructions
MGA-4001	27/32" to 29/32"	See Note 1

*This dimension is measured from the mounting face of the drive end head to the outer edge of the gear. Check with armature thrust to the commutator end and again with the armature thrust to the drive end. Adjust by using as many MDH-40 thrust washers as necessary.

NOTE 1 - Armature nut must be tightened securely.



VIEWED FROM COMMUTATOR END

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