SERVICE INFORMATION

Traction Motor

Issued 3/16/78

VOLTAGE 12 ROTATION CCWDE BRUSHES 2 POLES 2

VENTILATED Yes FRAME DIAMETER 4-1/2"

BEARINGS

Absorber bronze bearings used at commutator end. Ball bearing used at drive end.

LUBRICATION

Soak absorbent bronze bearing and felt oiling wick with SAE-20 oil. Allow excess oil to drain out and fill oil cup 1/2 full with good grade bearing grease.

Ball bearing is prelubricated and sealed and requires no additional lubrication.

BRUSH REPLACEMENT

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

SPRING TENSION

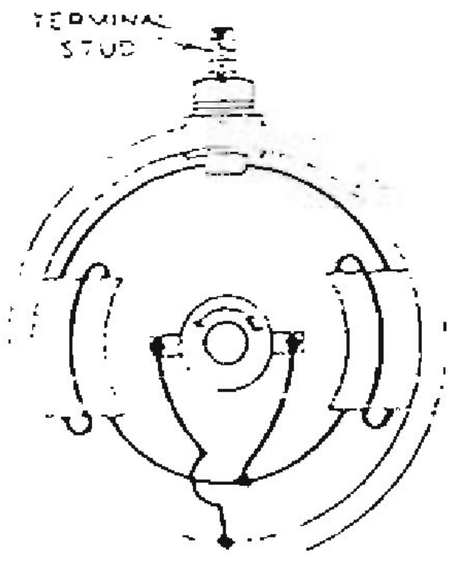
32 to 40 ounces with new brushes. Measure with a spring scale hooked under the brush spring at the brush. Pull the scale on a line opposite the line of force exerted by the brush spring and take the reading just as the spring leaves the brush.

TEST SPECIFICATIONS ($77^{\circ}F/25^{\circ}C$)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	12	10	2800	- 0 -
Stall Torque Test	6	60	- 0 -	3.0

UNIT

MHL-4001



VIEWED FROM COMMUTATOR END

INTERNAL WIRING DIAGRAM

File in the L-600 SERVICE MANUAL

Traction Motor Section

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