prestolite SERVICE INFORMATION

MKH

Traction Motor

Issued 3/16/78

VOLTAGE 36 ROTATION CCWDE BRUSHES 8 POLES 4

VENTILATED Yes FRAME DIAMETER 7-1/8"

LUBRICATION None required. Prelubricated and sealed ball bearings used at both ends of motor.

FIELD RESISTANCE (77°F/25°C) 17.75 to 18.75 ohms measured between terminals A and S.

ARMATURE TEST These armatures have standard winding connections and can be tested on a growler using a metal strip or hacksaw blade to locate shorted windings.

COMMUTATOR Minimum diameter 2.875". Replace armature when commutator has worn to this dimension.

BRUSH REPLACEMENT Replace brushes when they have worn to a length of 9/16" or less.

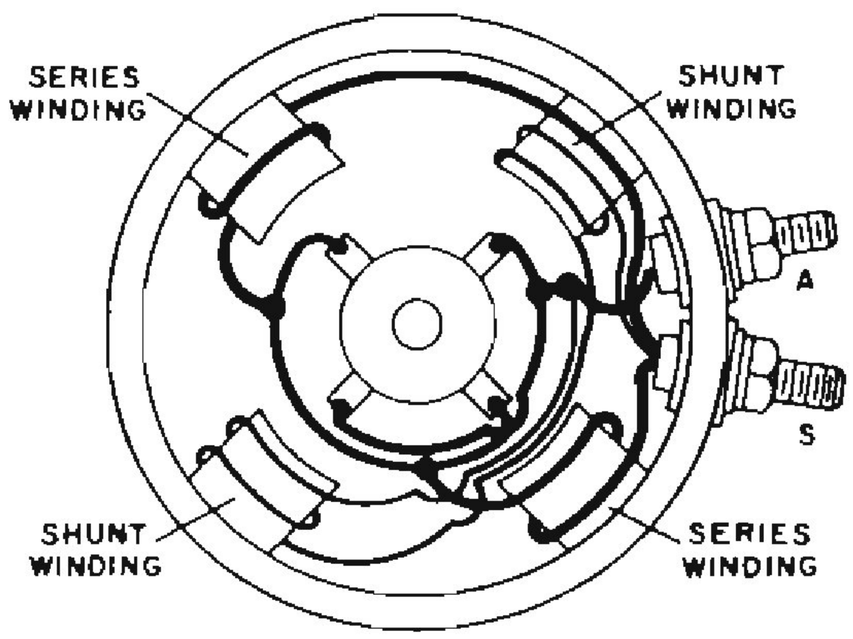
SPRING TENSION 30 to 36 ounces with new brushes. Measure with a spring scale hooked under the brush spring at the brush. Pull the scale on a line opposite the line of force exerted by the brush spring and take the reading just as the brush spring leaves the brush.

TEST SPECIFICATIONS (77°F/25°C)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	36	19	3250 min.	- 0 -
Light Load Test	36	175	1880/2100	17.5

UNIT

MKH-4001,A,B,S
MKH-4002,A,B,S



VIEWED FROM COMMUTATOR END
CCWDE

File in the → Traction Motor Section