VOLTAGE See Tabulation ROTATION CCWDE BRUSHES 4 POLES 4

VENTILATED See Tabulation FRAME DIAMETER 5"

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

BRUSH REPLACEMENT — Replace brushes when they have worn to a length of 5/16" 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.

END PLAY — Adjust to .005" minimum with thrust washers at C.E. bearing. Refer to Parts & Equipment List for thrust washer package.

SHUNT WINDING CURRENT DRAW — (77°F/25°C) 0.4 to 0.6 amperes at 24 volts.

TEST SPECIFICATIONS — (77°F/25°C)

	Terminal Voltage	Maximum Amperes	RPM	Torque Ft. Lbs.
No Load Test	24	5	3000-4000	- 0 -
Stall Torque Test	12	125	- 0 -	7.5

Unit	Voltage	Ventilated	Internal Wiring
MHR-4001	36-48	No	Figure 1
MHR-4002	36-48	Yes	Figure 1
MHR-4003	36-48	No	Figure 1
MHR-4004	24-36-48	No	Figure 1
MHR-4005	36-48	No	Figure 2
MHR-4006	36-48	Yes	Figure 1
MHR-4007	36-48	No	Figure 1
MHR-4008	36-48	Yes	Figure 1

prestolite.
SERVICE
INFORMATION

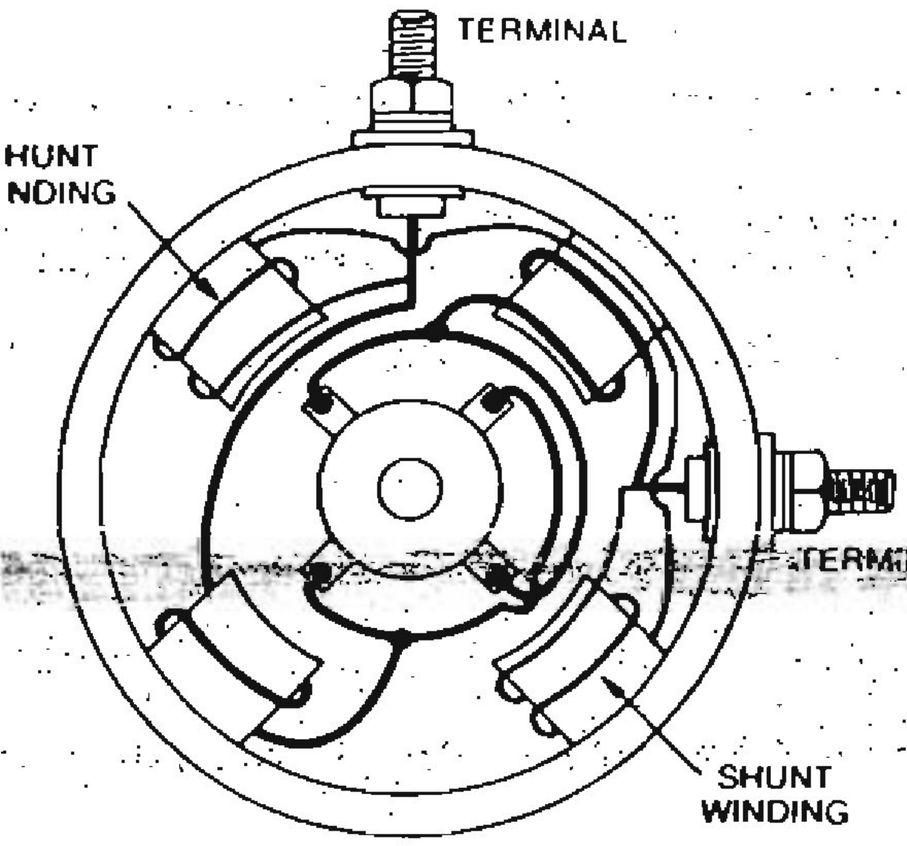


Figure 1

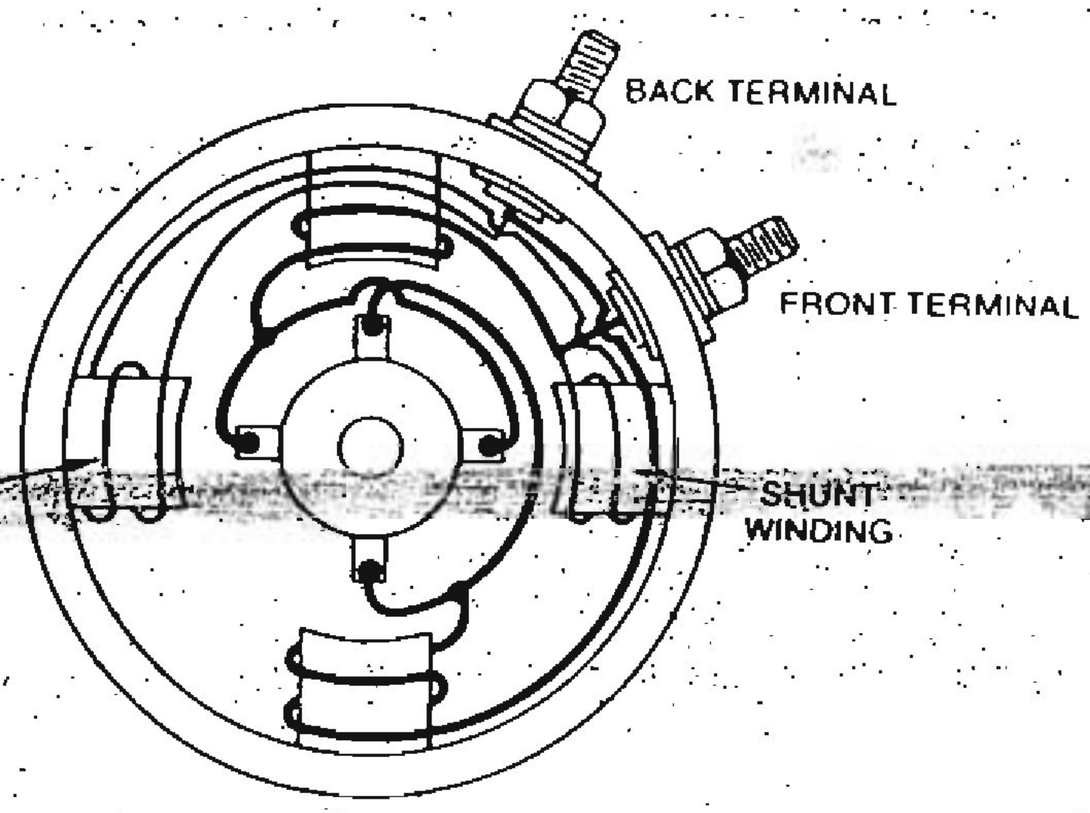


Figure 2