ROTOR RESISTANCE SHOULD BE APPROX. 41 OHMS TO CHECK SLIDE A PIECE OF PAPER OR THIN PLASTIC UNDER ONE BRUSH TO ISOLATE THE ROTOR. CHECK THE RESISTANCE BETWEEN THE SLIP RINGS.

NOTES:
1) WELD SPEED 1800 RPM'S
2) LOW IDLE 1350 RPM'S
3) OPEN CIRCUIT VOLTAGE AT 1800 RPM (NO WELDING CURRENT) 45 to 95 VOLTS DC BY ADJUSTING THE CURRENT CONTROL KNOB
4) WELD POWER OUTPUT ON A LOAD BANK 45 VDC at 300 AMPS
5) SHUNT FIELDS APPROX. 41 OHMS
6) ROTOR APPROX. 41 OHMS
7) MAKE ALL RESISTANCE CHECKS WITH AN ANALOG METER

6 VDC. DURING START DUE TO RESIDUAL

TO WELDING GENERATOR

FLASHER IN 0 CLOCK BRUSH HOLDER

CATHODE IS STUD

SELECTOR SWITCH

WELDER LEAD BLOCK

ARM. 5 O'CLOCK BRUSH

2 CR SEED RELAY

15 AMP "SLOW BLOW" FUSE

CENTER TERMINAL OF FUSE HOLDER

30A. SLOW BLOW FUSE

120 VAC RECEPTACLE

125 V.D.C.

T12755-24 22 A. 600 V.

41 OHM SHUNT FIELD

240 VAC RECEPTACLE

ALTERNATOR

ALTERNATOR AUXILIARY POWER WINDING

CENTER TERMINAL OF FUSE HOLDER

WHITE TERMINAL OF RECEPTACLE (NOT USED ON EARLY MACHINES) BACK OF PANEL

> .5 OHM

125 V.D.C.

> .5 OHM

41 OHM

> .5 OHM

RIGEOSTAT M5090C*