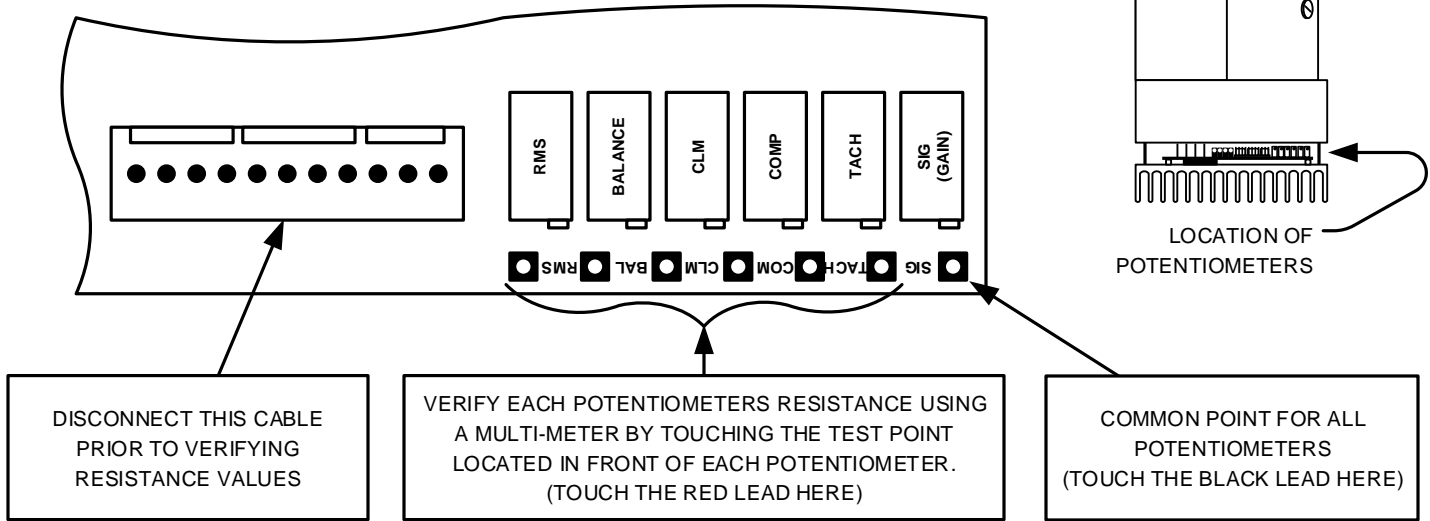


MILLPWR^{G2}

MILLPWR^{G2} and MILLPWR II DC Servo Potentiometer Factory Default Settings



To set the potentiometer resistance values to factory settings follow the following procedure:

1. Turn off the MILLPWR control and unplug the power supply.
2. Open the motor by backing out the four corner screws from the heat-sync about one inch and removing the other two.
3. Slide the heat sync away from the motor allowing it to rest on the four screws.
4. Disconnect the strip connector located to the left of the potentiometers.
5. Connect the black lead to the location shown above.
6. Connect the red lead to the labeled locations one at a time and set each potentiometer to the value ranges listed below.

CURRENT DESIGN

Servo Amplifier Potentiometer Settings for SEM 19 - 20 in/lb Motors and Glentek DC 2.6 Nm Motors		
Potentiometer	Value	Setting Range
SIG	3.4K (1.72 for Z)	3.23K to 3.57K
TAC	7.0K	6.65K to 7.35K
COMP	0.72K	0.68K to 0.75K
CLM	0.70K	0.66K to 0.73K
RMS	6.1K	5.80K to 6.40K
Servo Amplifier Potentiometer Settings for SEM 26 - 30 in/lb Motors		
Potentiometer	Value	Setting Range
SIG	3.4K	3.23K to 3.57K
TAC	7.0K	6.65K to 7.35K
COMP	1.32K	1.25K to 1.38K
CLM (Set First)	1.32K	1.25K to 1.38K
RMS	7.2K	6.84K to 7.56K

Green or Red Boards



PREVIOUS DESIGN

Servo Amplifier Potentiometer Settings for SEM 19 - 20 in/lb Motors		
Potentiometer	Value	Setting Range
SIG	3.4K	3.23K to 3.57K
TAC	7.0K	6.65K to 7.35K
COMP	1.4K	1.33K to 1.47K
CLM	0.71K	0.68K to 0.74K
RMS	6.1K	5.80K to 6.40K
Servo Amplifier Potentiometer Settings for SEM 26 - 30 in/lb Motors		
Potentiometer	Value	Setting Range
SIG	4.2K	4.19K to 4.21K
TAC	7.0K	6.65K to 7.35K
COMP	0.94K	0.93K to 0.95K
CLM	1.18K	1.17K to 1.19K
RMS	7.6K	7.59K to 7.61K

Blue Boards Only

