Peak Current Setting
LCAM 5/15

Precautions:
- Precautions need to be taken when removing/installing the amplifier cover.
- The motor must not be connected to Motor + and Motor -.

1. Carefully remove the amplifier cover. Refer to picture below.

2. Connect a voltmeter between Test Point 5 (TP5) and Signal Ground. Refer to pictures below.
3. Apply DC (+24 to +70 Volts DC) power to the amplifier.

4. Visually confirm a green LED. Depending on the configuration of the Inhibit, Reset and +/-Limits, it may be necessary to make appropriate connections to those terminals before the amplifier will be enabled.

5. Set the amplifier peak current. Refer to motor specifications sheet for motor peak current setting.

Calculating peak current setting. Scaling: 1V = 3A. Then subtract 0.7V from calculated number.

   Example #1
   Motor peak current is 3A.
   Setting: 1V – 0.7V = 0.3V.

   Example #2
   Motor peak current is 6A.
   Setting: 2V – 0.7V = 1.3V.

Adjust Current Limit Potentiometer (RV5) until calculated voltage is measured between TP5 and Signal Ground. Refer to pictures below.

6. Turn off amplifier power.

7. Re-install amplifier cover.