

# DS150C - BASIC ADJUSTMENT AND VOLTAGE CHECKS

MODEL: \_\_\_\_\_

S/N: \_\_\_\_\_

PAT DS150C P/N 024-150-061-005 central unit / 024-150-300-050 connection board

1. Crane Supply Voltage @ X1-1 (+) & X1-4 (GND) = VDC
2. Supply Voltage to Main Board @ X1-1 (=) & X1-3 (GND) = VDC
3. Main Board Power Supply (Reference Voltages +/- 50 MV):
  - + 5V @ Mp4 = \_\_\_\_\_ VDC Mp 10 Ground - Internal to Board
  - + 6V @ Mp9 = \_\_\_\_\_ VDC Mp 10 Ground - Internal to Board
  - + 9V @ Mp2 = \_\_\_\_\_ VDC Mp 10 Ground - Internal to Board
  - 9V @ Mp3 = \_\_\_\_\_ VDC Mp 10 Ground - Internal to Board
  - + 5V @ Mp6 = \_\_\_\_\_ VDC Mp 10 Ground - Jib-Angle, Length/Angle, Rod, Piston
  - 5V @ Mp7 = \_\_\_\_\_ VDC Mp 10 Ground - Piston & Rod Pressure
  - +12V @ Mp25 = \_\_\_\_\_ VDC Mp 15 Ground - Internal to Board
4. Boom Length: (MP10 Ground for Meter)
  - Fully Retracted \_\_\_\_\_ Ft. \_\_\_\_\_ VDC @ X1:10 \_\_\_\_\_ DC @ MP13
  - Fully Extended \_\_\_\_\_ Ft. \_\_\_\_\_ VDC @ X1:10 \_\_\_\_\_ DC @ MP13
  - 5 Volt Reference Voltage \_\_\_\_\_ VDC @ X1:11
5. Boom Angle: (MP10 Ground for Meter)
  - Minimum Angle \_\_\_\_\_ ° \_\_\_\_\_ VDC @ X1:9 \_\_\_\_\_ VDC @ Mp14
  - Maximum Angle \_\_\_\_\_ ° \_\_\_\_\_ VDC @ X1:9 \_\_\_\_\_ VDC @ Mp14
  - 5 Volt Reference Voltage \_\_\_\_\_ VDC @ X1:11
6. Pressure Transducers: (MP10 Ground for Meter)
  - Piston Zero Point \_\_\_\_\_ VDC @ X1:21 \_\_\_\_\_ VDC @ Mp11
  - Rod Zero Point \_\_\_\_\_ VDC @ X1:16 \_\_\_\_\_ VDC @ Mp12
  - +5 Volt Reference Voltage \_\_\_\_\_ VDC @ X1:13 & 18
  - 5 Volt Reference Voltage \_\_\_\_\_ VDC @ X1:15 & 20