

DS150 - BASIC ADJUSTMENT AND VOLTAGE CHECKS

MODEL: _____

S/N: _____

PAT DS150 P/N 024-150-060-002 central unit / 024-150-300-001 main board

1. Crane Supply Voltage @ X1-1 (+) & X1-4 (GND) = VDC
2. Main Board Power Supply (Reference Voltages +/- 50 MV):
 - + 9V @ Mp2 = _____ VDC Mp 10 Ground - Piston & Rod Pressure
 - 9V @ Mp3 = _____ VDC Mp 10 Ground - Piston & Rod Pressure
 - 5V @ Mp4 = _____ VDC Mp 10 Ground – TTL on Board
 - 5V @ Mp5 = _____ VDC Mp 10 Ground – Reference on Board
 - + 5V @ Mp6 = _____ VDC Mp 10 Ground – Internal on Board
 - 5V @ Mp7 = _____ VDC Mp 10 Ground – Length and Main/Jib Angle
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