

DS150 - Piston & Rod Pressure Channel Zero Point Adjustment

Use the central unit main board layout and measuring point drawing to make the following adjustments.

1. Lower boom all the way down (no rest pressure) then disconnect hydraulic hose from the piston side pressure transducer.
2. Connect a digital voltmeter to main board
 - A) black (-) lead to mp10
 - B) red (+) lead to mp11
3. Adjust P1 to obtain a reading of 0.500 volts (500mv) on meter.
4. Disconnect hydraulic hose from the rod side pressure transducer.
5. Connect a digital voltmeter to main board
 - A) BLACK (-) lead to MP10
 - B) RED (+) lead to MP12
6. Adjust P2 to obtain a reading of 0.500 volts (500mv) on meter.
7. Reconnect hydraulic hoses to pressure transducers, and then bleed the air from hydraulic lines.