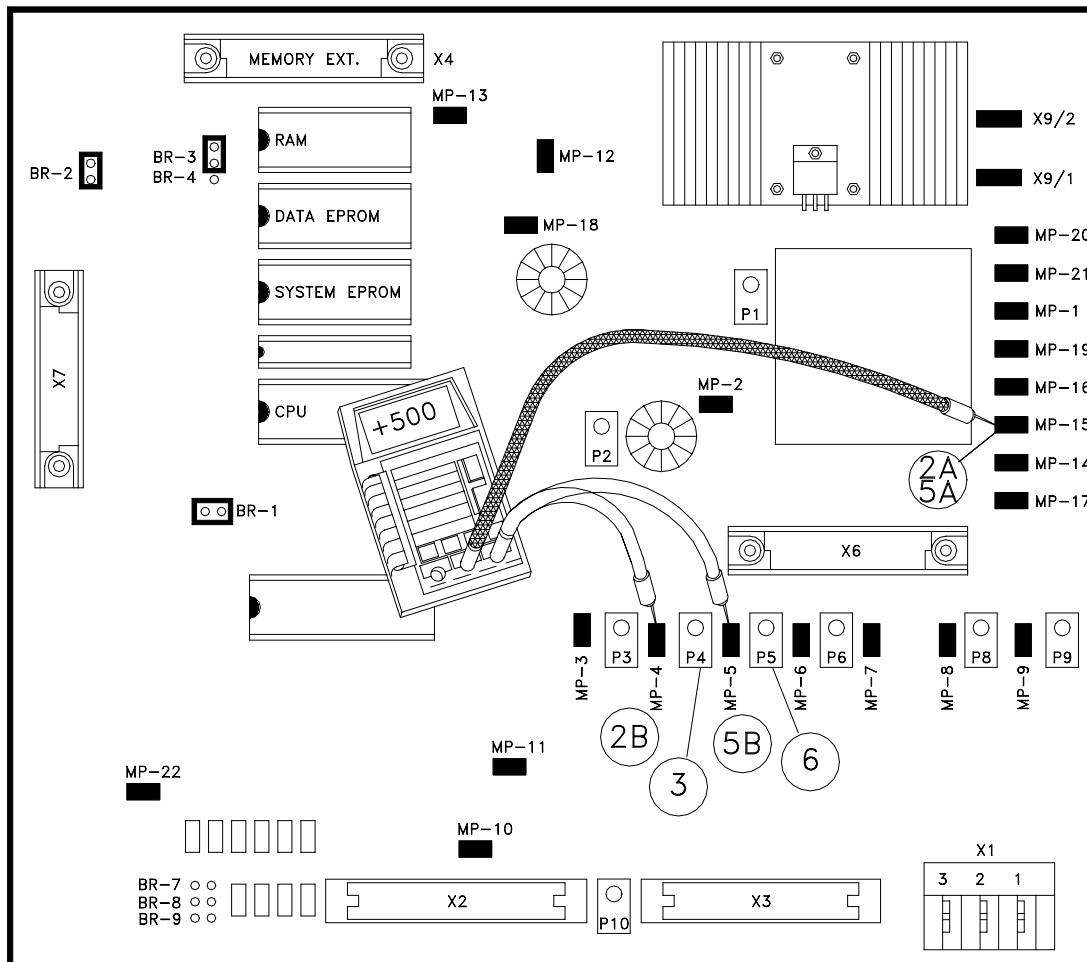


Main Board - Piston & Rod Pressure Channel Zero Point Adjustment



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 P.C. BOARD
 - A) BLACK (-) LEAD TO MP15
 - B) RED (+) LEAD TO MP4
3. ADJUST P4 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 P.C. BOARD
 - A) BLACK (-) LEAD TO MP15
 - B) RED (+) LEAD TO MP5
6. ADJUST P5 TO OBTAIN A READING OF 0.500 VOLTS (500MV) ON METER.
7. RECONNECT HYDRAULIC HOSES TO PRESSURE TRANSDUCERS, THEN BLEED THE AIR FROM HYDRAULIC LINES.