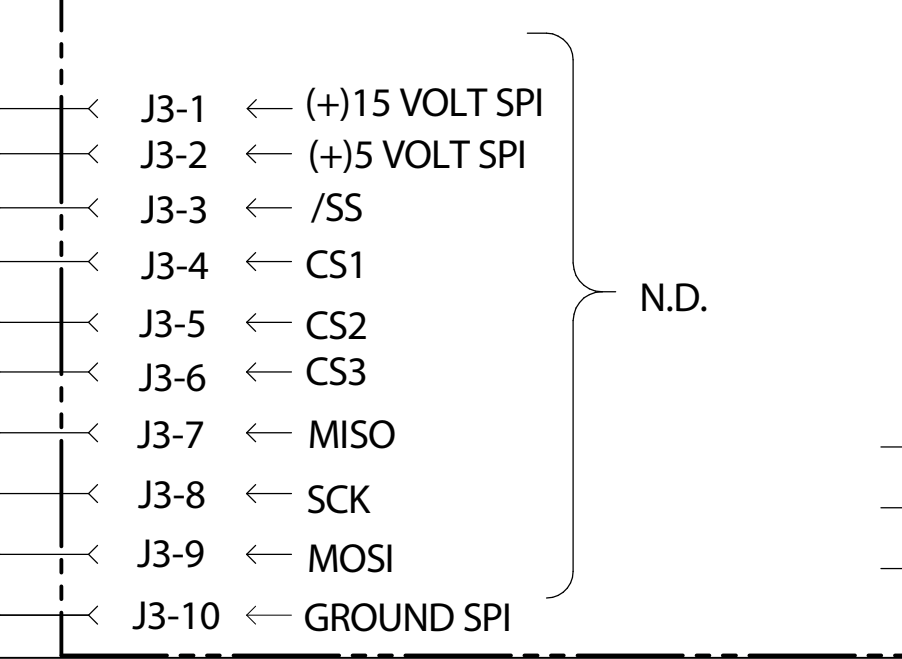
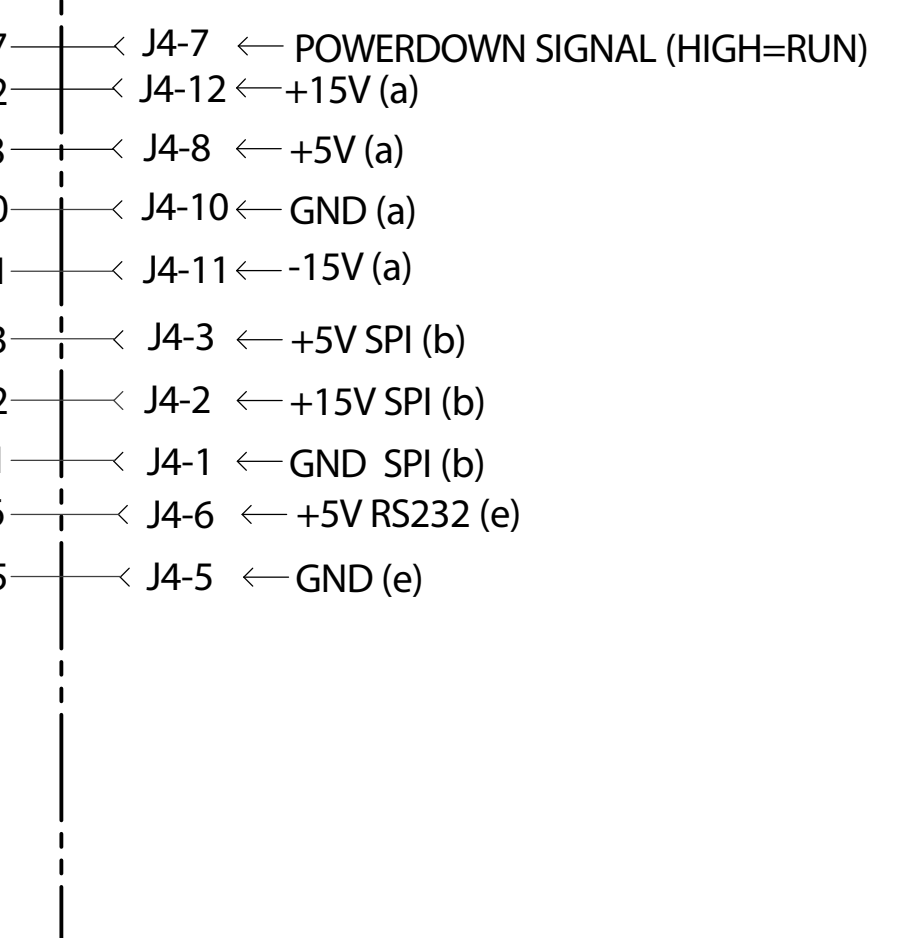
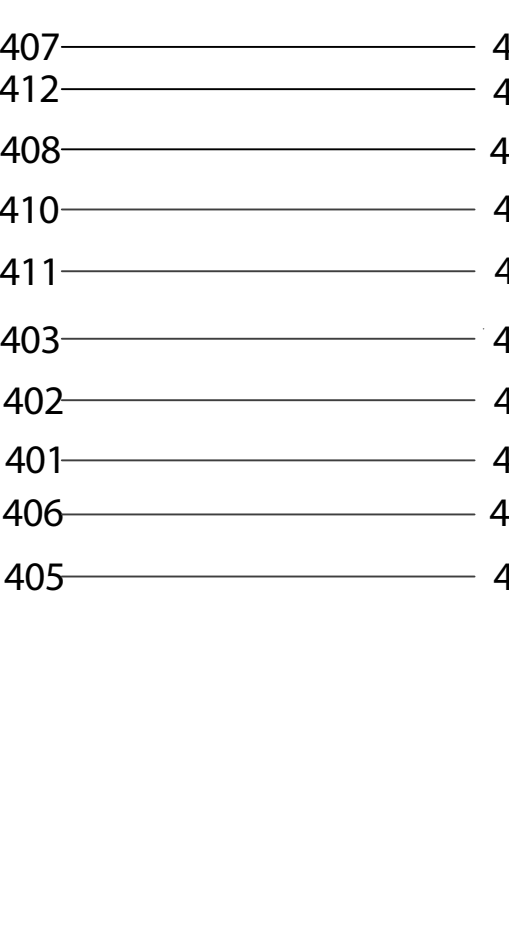
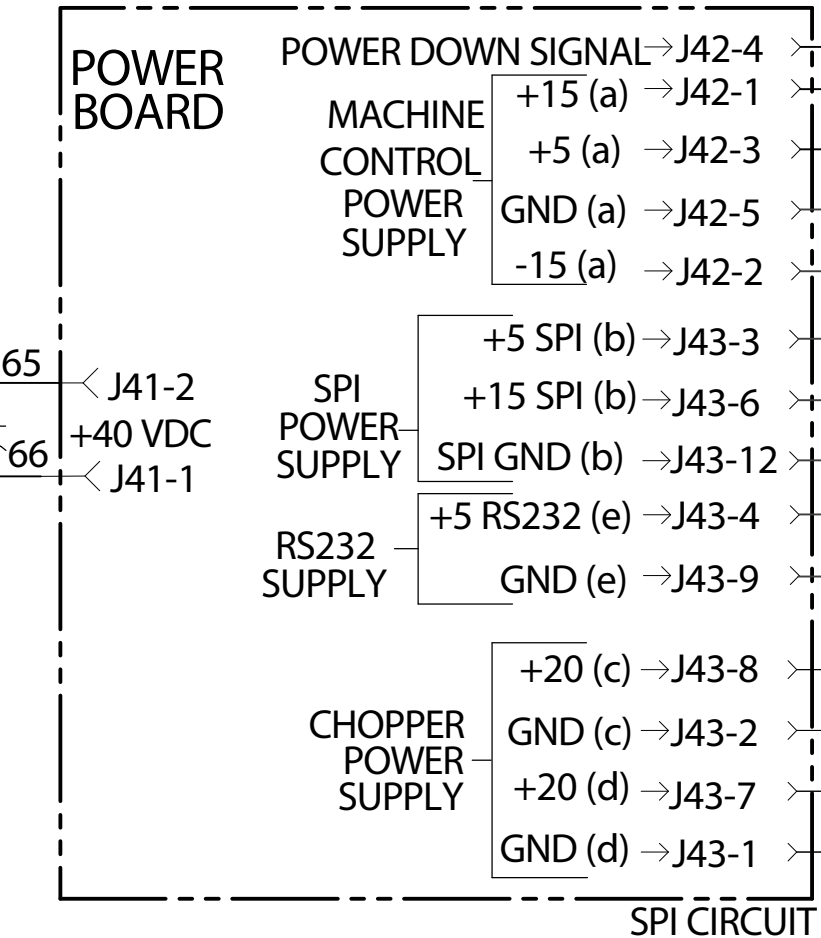
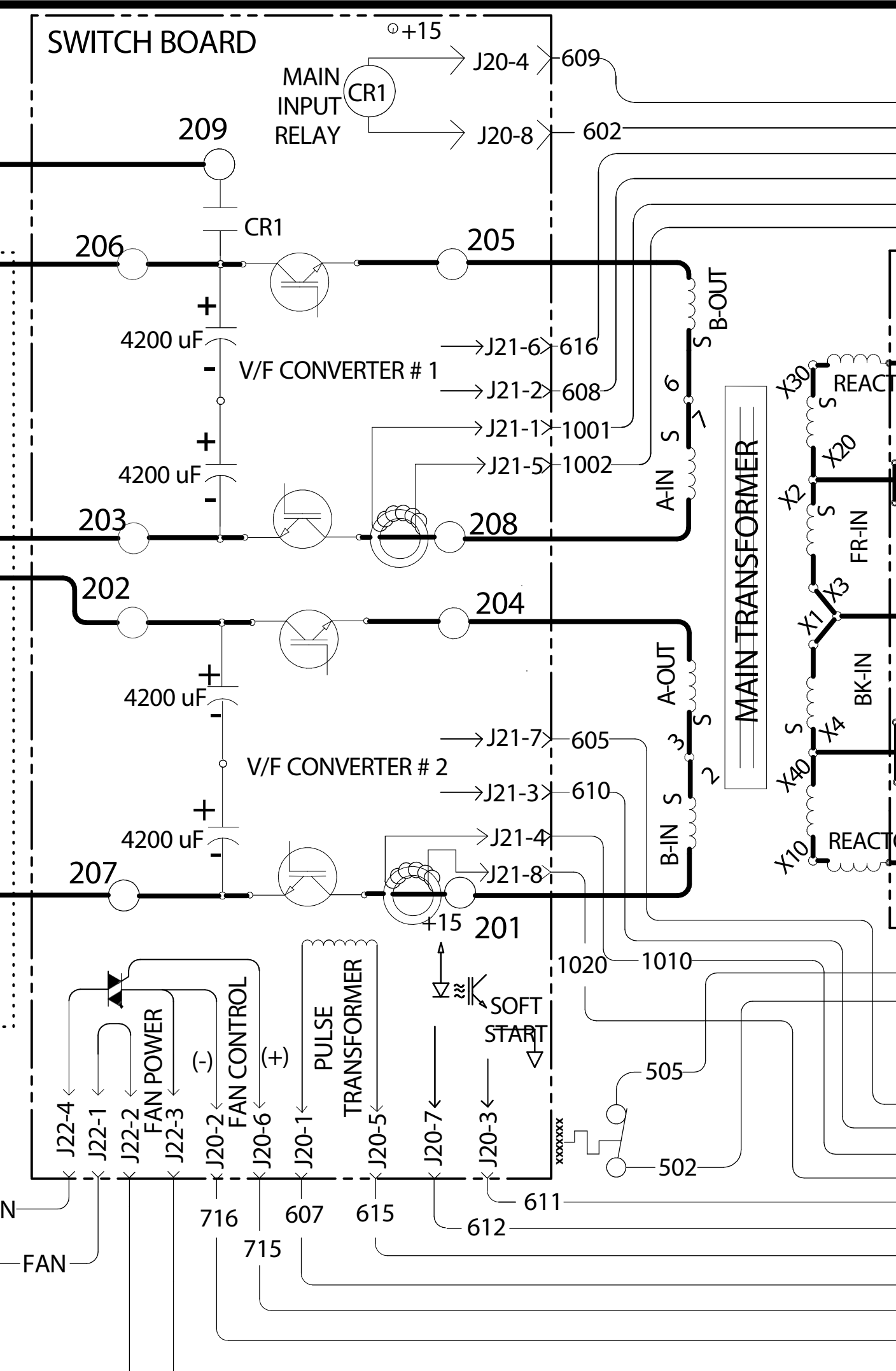
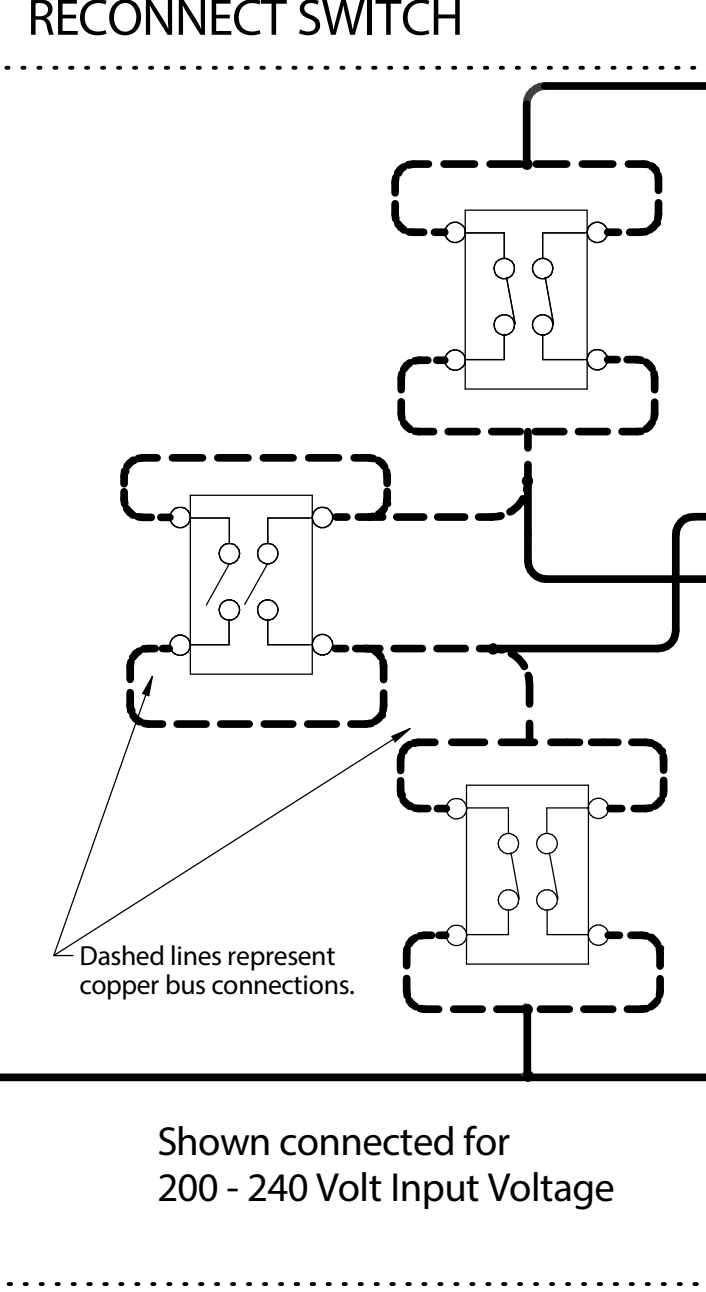


CONSTRUCTION MODELS DO NOT HAVE CB1, CB2, 6 PIN REMOTE OR WIRE FEEDER REMOTE, LEAD 532 GOES TO J22 AND LEAD 541 GOES TO THE CONTROL RECTIFIER IN THE CONSTRUCTION MODEL.

AUXILIARY TRANSFORMER

AMPHENOLS ARE VIEWED FROM FRONT OF MACHINE



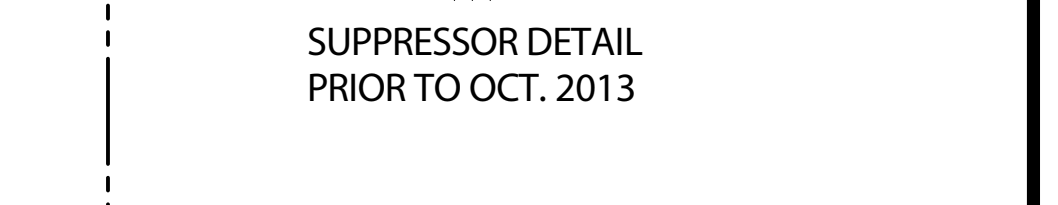
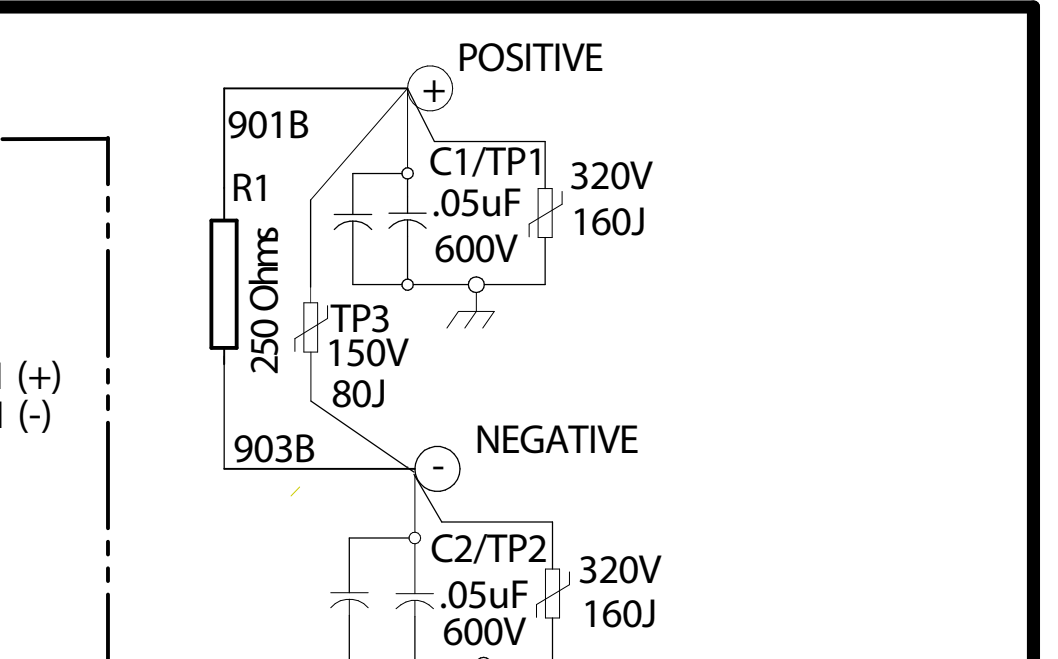
NOTES:

N.A. PC BOARD COMPONENTS SHOWN FOR REFERENCE ONLY. ALL COMPONENTS ARE NOT SHOWN.

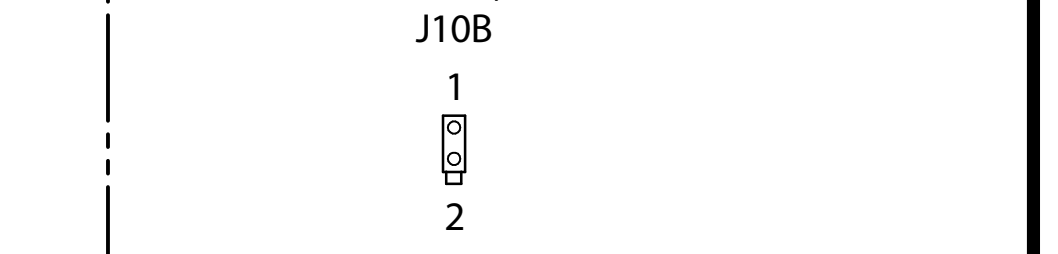
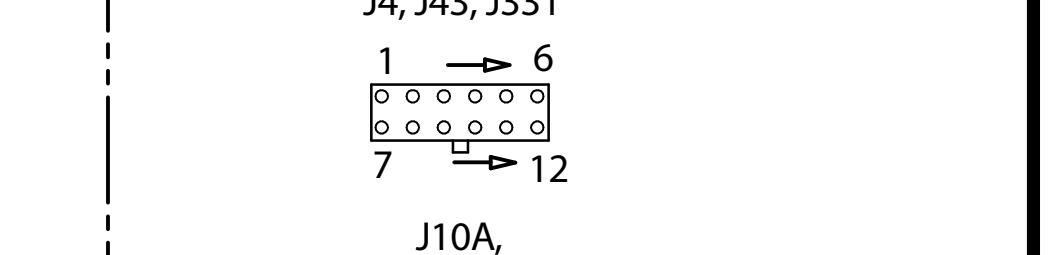
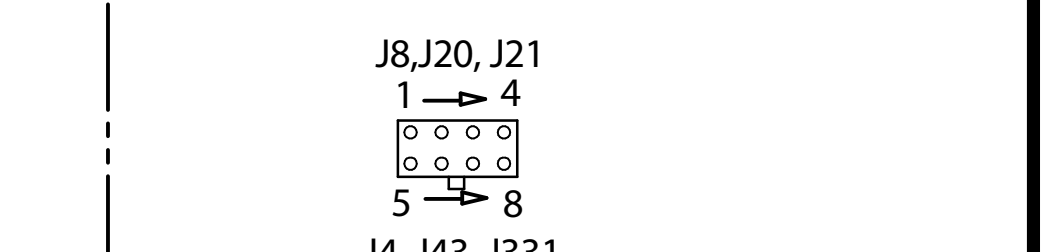
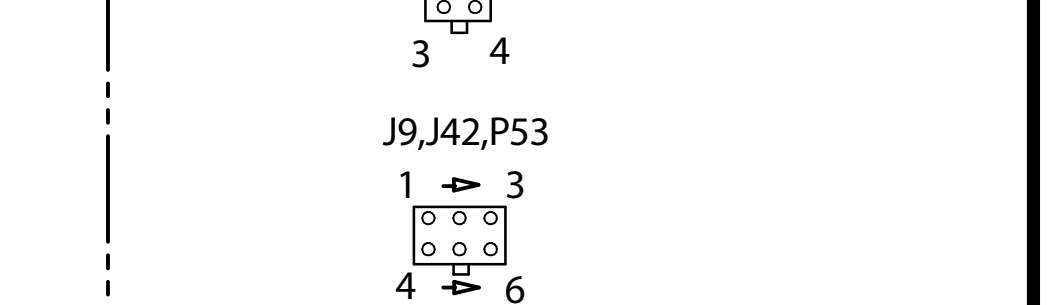
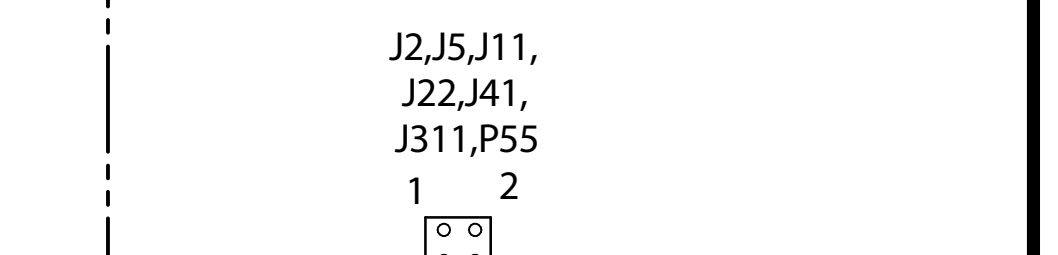
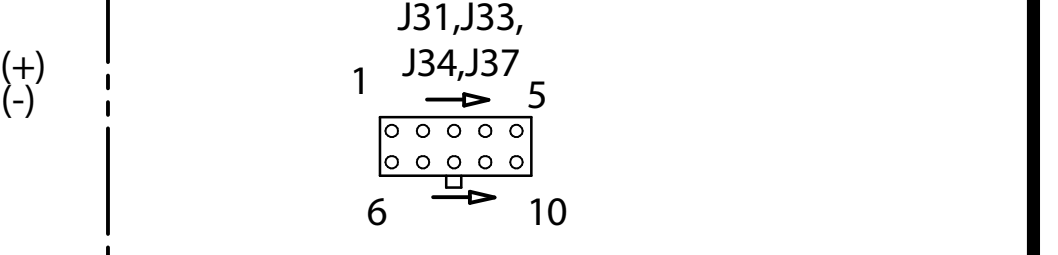
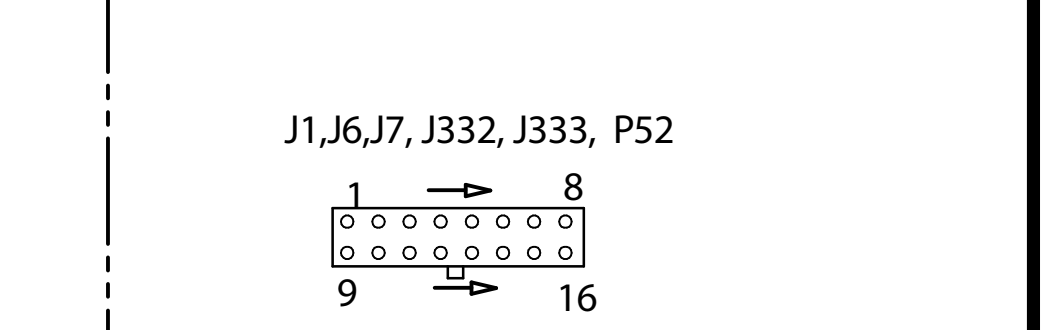
N.B. INPUT POWER LINE FILTER IS PRESENT ONLY ON "CE" MODELS.

N.C. ON "CE" MODELS, MOV'S ARE IN THE INPUT POWER LINE FILTER.

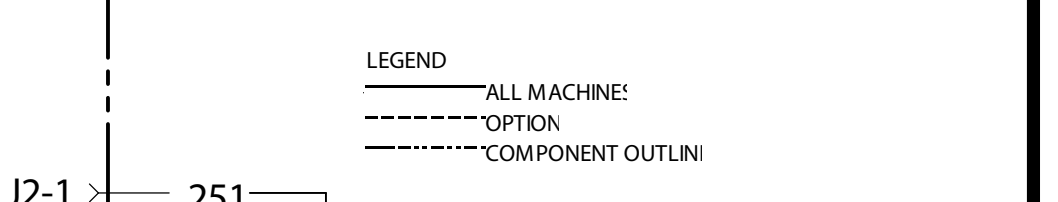
N.D. THE SPI PIN ASSIGNMENTS ARE SHOWN AT THE CONTROL PCB. THIS PIN ASSIGNMENT IS THE SAME FOR ALL THE SPI CONNECTORS.



SUPPRESSORS ON MACHINES BUILT AFTER OCT. 2013. SEE SUPPRESSOR DETAIL FOR PRIOR TO OCT. 2013.



CONNECTOR CAVITY NUMBERING SEQUENCE (VIEWED FROM COMPONENT SIDE OF BOARD)



N.E. THE REMOTE UI PCB ALWAYS RESPONDS AS A REMOTE SPI BOARD. CONNECTING PINS 1 & 2 OF J333 TOGETHER WILL ENABLE THE REMOTE UI PCB TO RESPOND AS A STATUS SPI. CONNECTING PINS 11 & 14 OF J332 TOGETHER WILL ENABLE THE REMOTE UI PCB TO RESPOND AS A MODE PCB.

N.F. LEADS 31A & 32 ARE NOT PRESENT IN THE WIRE FEEDER REMOTE ON IEC MODELS, SUCH AS THE "CE" & PIPE MODELS.

N.G. GROUND LEAD FILTER IS ONLY PRESENT ON SOME "CE" MODELS.