Grounding A&D Board U6 for Proper Digital Pulser Operation

On the RSR/VT A&D Board, the 74HC74 chip (U6) produces digital pulses when activated by the push-button switches (J3 & J4). Due to an error in the original board layout, chip U6 is not grounded, which produces irregular and multiple pulses, instead of one per push.

To correct this problem, solder a wire jumper between pin 7 of U6 and pin 1 of the 7909 negative voltage regulator.

Locate the voltage regulator and U6:

![Image of A&D Board with U6 and 7909 regulator]

Solder a jumper wire to the bottom of the board, being careful not to melt any components or short any traces:

![Image of soldered jumper wire]

Be sure to test the pulser’s operation and the minus 9V supply, after you add the jumper.

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