

## **TECHNICAL BULLETIN #08061201**

### **MODIFICATION OF MULTITRONIC II FIRING PANEL**

TO ENHANCE THE FUNCTIONALITY OF THE VOLTAGE CALIBRATION SEQUENCE OF THE MULTITRONIC II FIRING PANEL A HARDWARE MODIFICATION HAS BEEN MADE. THIS HARDWARE MODIFICATION CONSISTS OF A CHANGE OF ONE RESISTOR WHICH IS USED TO MEASURE THE CURRENT DRAW OF THE SYSTEM. TOGETHER WITH THIS HARDWARE MODIFICATION A NEW SOFTWARE VERSION HAS BEEN RELEASED.

THE HARDWARE MODIFICATION IS EFFECTIVE FROM PANEL SERIAL NUMBER 1946-0021. THE MODIFIED PANELS HAVE TO BE RUN WITH A SOFTWARE VERSION 4.5 OR HIGHER.

MULTITRONIC II FIRING PANELS THAT HAVE THE MODIFICATION (SERIAL NUMBER 1946-0021 OR HIGHER) CAN BE RUN WITH A SOFTWARE VERSION LOWER THAN VERSION 4.5. IF THIS IS DONE THE CURRENT MEASUREMENTS MADE DURING THE VOLTAGE CALIBRATION, THE SWITCH TEST AND THE FIRING SEQUENCE WILL BE WRONG. THE VALUES SHOWN WILL ONLY READ HALF OF THE ACTUAL VALUE.

MULTITRONIC II FIRING PANELS THAT DO NOT HAVE THE MODIFICATION (SERIAL NUMBER 1946-0020 OR LOWER) CAN BE RUN WITH A SOFTWARE VERSION 4.5 OR HIGHER. IF THIS IS DONE THE CURRENT MEASUREMENTS MADE DURING THE VOLTAGE CALIBRATION, THE SWITCH TEST AND THE FIRING SEQUENCE WILL BE WRONG. THE VALUES SHOWN WILL READ DOUBLE THE ACTUAL VALUE.

MULTITRONIC II FIRING PANELS THAT DO NOT HAVE THE MODIFICATION (SERIAL NUMBER 1946-0020 OR LOWER) CAN BE UPGRADED. PLEASE CONTACT YOUR NEAREST DYNAenergetics REPRESENTATIVE FOR MORE INFORMATION.

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