

ALTRONIC SERVICE BULLETIN #091523A

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NGI-1000 Self-Protection and Power Limitation

Questions from the field have inquired about a power limiting function inherent in the NGI-1000 ignition system.

If internal power dissipation exceeds the safe operating conditions for the unit at its current internal temperature and supply voltage, the NGI-1000 unit will automatically reduce primary energy delivery by reducing the extended Bitstream pulses to maintain engine operation and avoid potential damage to unit.

Based on circuitry and components designed into the NGI-1000 ignition, when the internal temperature exceeds 75°C to 85°C Bitstream pulses may start to reduce. This is dependent on cylinder count, Bitstream current and duration selection, RPM, and operating environment.

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