

# SERVICE NOTE

NUMBER 110

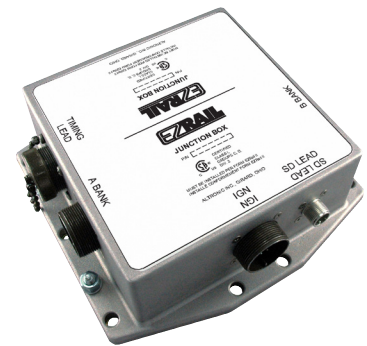
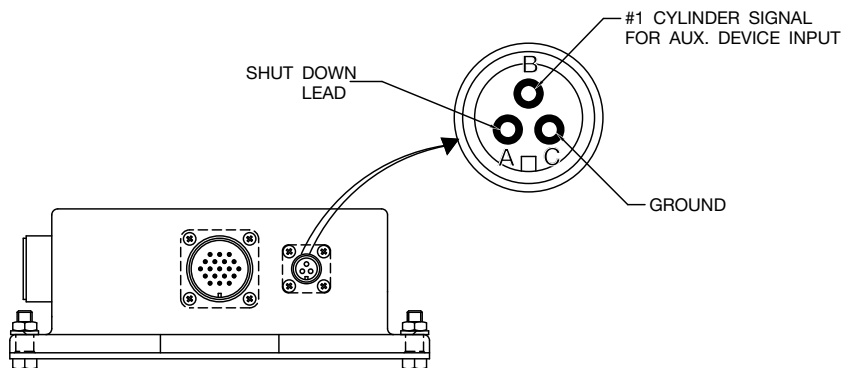
10/14/11

## Improvements to the EZRail product for ease of use with the DET-1600 detonation detection system

Altronic has implemented design changes to the EZRail system to provide an additional output to ease in the installation process when used in conjunction with the DET-1600 system.

The J-box component of the EZRail system will now provide access to the #1 cylinder signal required by the DET-1600 system for operation. This change will affect part numbers 593500-101 through 593500-103, as well as 595500-201 through 593500-207. These part numbers are used in conjunction with the high-speed engine applications including the CPU-95, DISN, Altronic III and Altronic V ignitions.

This required signal will be accessed via the “SD” or shutdown connector on the J-box:



Specifically, in the “SD” connector, there are three pins labeled “A”, “B”, and “C”. The “B” pin will now carry the #1 cylinder signal, while “A” retains the shutdown lead, and “C” remains the ground. Use of the already-recommended harnesses 593052-L and 593057-L remains the same.

This change is being incorporated into all current and future production of this product.

Also harness 793102-L is now manufactured with all 19 points connected at each end. This harness is commonly used between the J-box and EZRail. Although all 19 terminations are not required for EZRail applications, it now can be utilized anywhere that a true 19-pin harness may be required.