

# Technical Bulletin

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**Bulletin Number:** TB-2018031-RH01 Rev.3

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**Summary:** This revised bulletin provides corrections to previously published wiring details for the 2300-556 SmartScanNG<sup>2</sup> Surge Assembly.

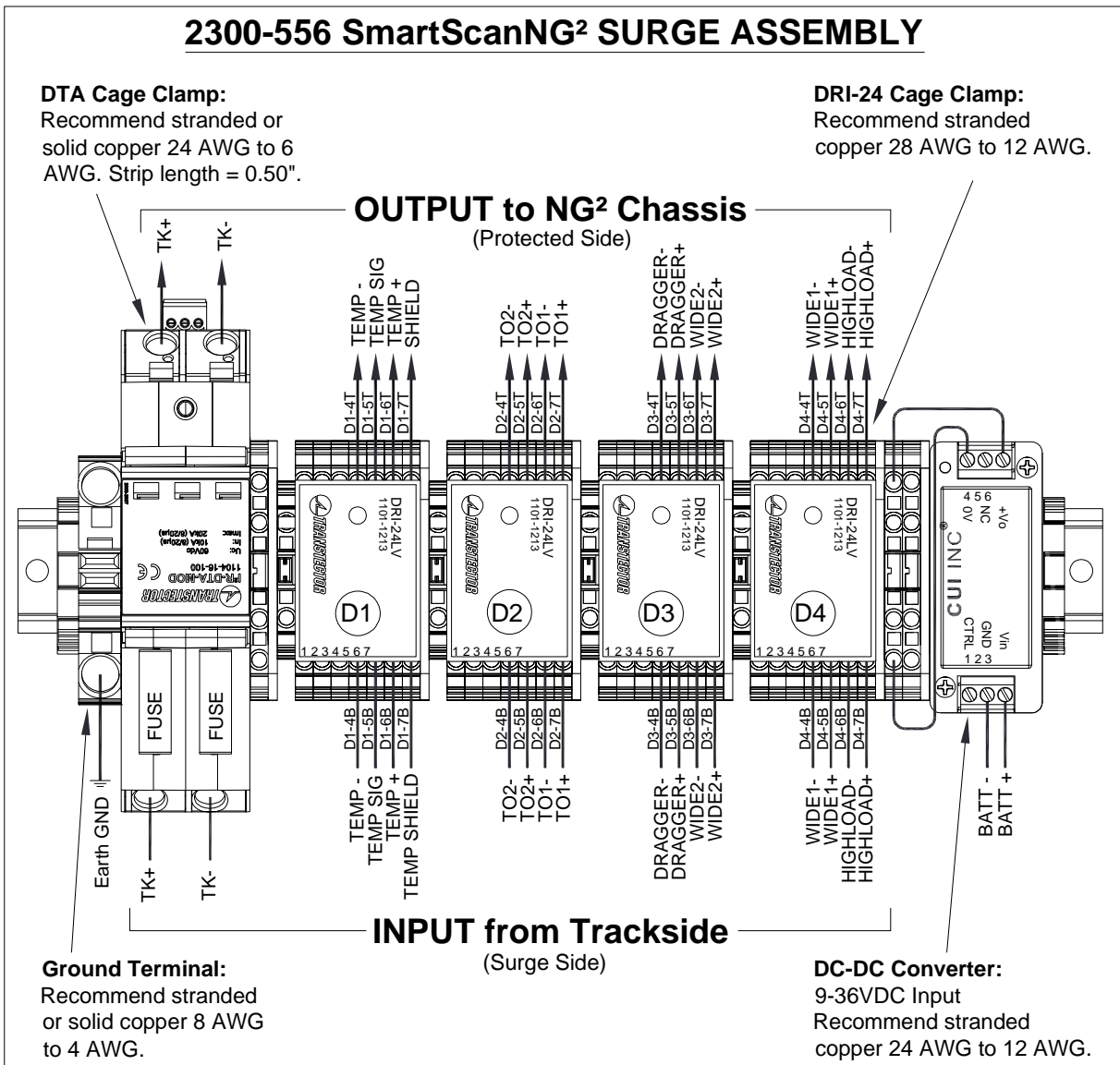
**Critical (Affects safe operation of system)**

**Informational**

**Distribution List:** NA

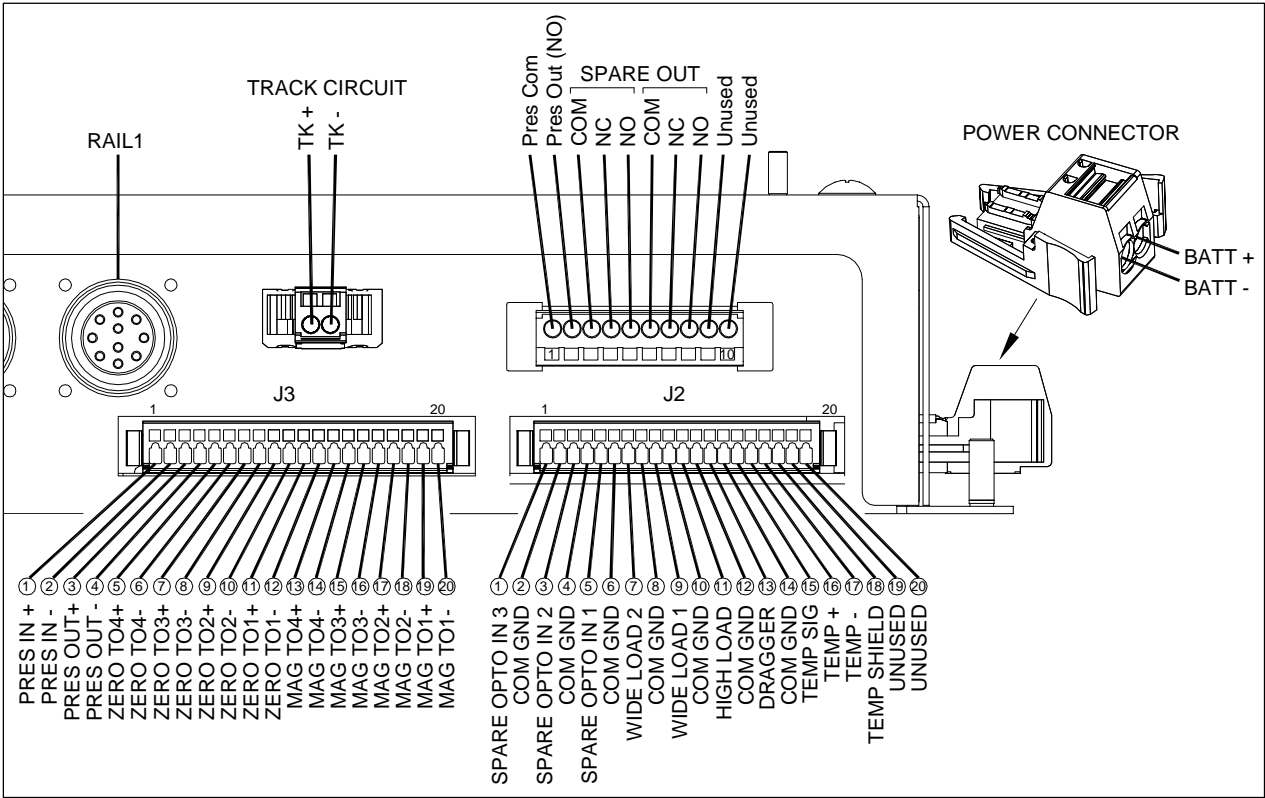
## 2300-556 Wire Assignments/Pinout:

The figure below depicts the standard configuration of the 2300-556 SmartScanNG<sup>2</sup> Surge Assembly when used with the SmartScanNG<sup>2</sup> Defect Detector.



## 2300-601 SmartScanNG<sup>2</sup> Chassis Pinout:

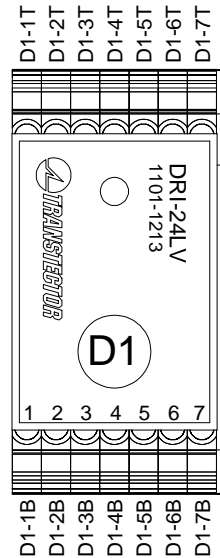
Route signal wiring from the upper terminals of the 2300-556 SmartScanNG<sup>2</sup> Surge Assembly to the corresponding terminal on the bottom panel of the SmartScanNG<sup>2</sup> chassis.



**DRI WIRING CHART**

SURGE PIN#	SIGNAL	NG <sup>2</sup> PIN#
D1-4T	TEMP -	J2-17
D1-5T	TEMP SIG	J2-16
D1-6T	TEMP +	J2-15
D1-7T	TEMP SHIELD	J2-18
D2-4T	TO2-	J3-18 MAG or J3-10 ZERO
D2-5T	TO2+	J3-17 MAG or J3-9 ZERO
D2-6T	TO1-	J3-20 MAG or J3-12 ZERO
D2-7T	TO1+	J3-19 MAG or J3-11 ZERO
D3-4T	DRAGGER-	J2-14
D3-5T	DRAGGER+	J2-13
D3-6T	WIDE2-	J2-8
D3-7T	WIDE2+	J2-7
D4-4T	WIDE1-	J2-10
D4-5T	WIDE1+	J2-9
D4-6T	HIGHLOAD-	J2-12
D4-7T	HIGHLOAD+	J2-11

**Example:**



**NOTE:**

Any **unused** auxiliary alarm input must be shorted to ground with an external jumper to render that input inactive. Auxiliary alarm inputs include dragger, wide1, wide2, high load, and spare inputs 1-3.

For example, if your NG<sup>2</sup> site does not include a dragging equipment detector, you must add a shorting jumper across the "DRAGGER+" and "DRAGGER-" terminals.