

TECHNICAL INSTRUCTION

TI 097
Issue 3
January 2009
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NETWORK RAIL - SIGNAL ENGINEERING

Standard Strength AWS Suppressor Inductor (new level surface design)

Relevant Standard: NR/GN/SIG/11210 (Appendix 2U05), NR/GN/SIG/19040 & NR/SMS/Part/Z01

Purpose

Issue 3 of this Technical Instruction supersedes issue 2. Issue 3 is raised to reflect installation information learnt from the Trent Valley Four Tracking Project. The AWS operating characteristics published in issue 2 are also contained herein.

Scope

To provide maintenance and installation staff with technical advice concerning the Vortok Standard Strength AWS Suppressor Inductor used on the 'Trent Valley Four Tracking Project' and other sites, as covered by 'Certificate of Acceptance PA05/02568'.

Abbreviations & Definitions

AWS	Automatic Warning System
TI	Technical Instruction
SIGTAN	Signalling Equipment Technical Advice Notice

Compliance Requirements

The requirements of this TI shall be applied with immediate effect.

Action Required

Signalling maintenance and installation staff should note the updates to NR/GN/SIG/11210 (Appendix 2U05), NR/GN/SIG/19040 & NR/SMS/Part/Z01, these are indicated by black bars.

Staff to be Briefed

All staff involved with installation and maintenance of the Vortok Standard Strength AWS Suppressor Inductor.

Expiry Date

This TI will remain in force until NR/GN/SIG/11210 (Appendix 2U05), NR/GN/SIG/19040 & NR/SMS/Part/Z01 are amended.

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Documents

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NR/GN/SIG/11210 (Appendix 2U05)

The installation details provided herein apply to the installation of the Vortok Standard Strength Suppressor Inductor (cat # 0062/006813) on concrete sleepers, together with CEN56 or CEN60 rail. Solutions for 'Wood' and 'Steel' sleepers are still to be developed.

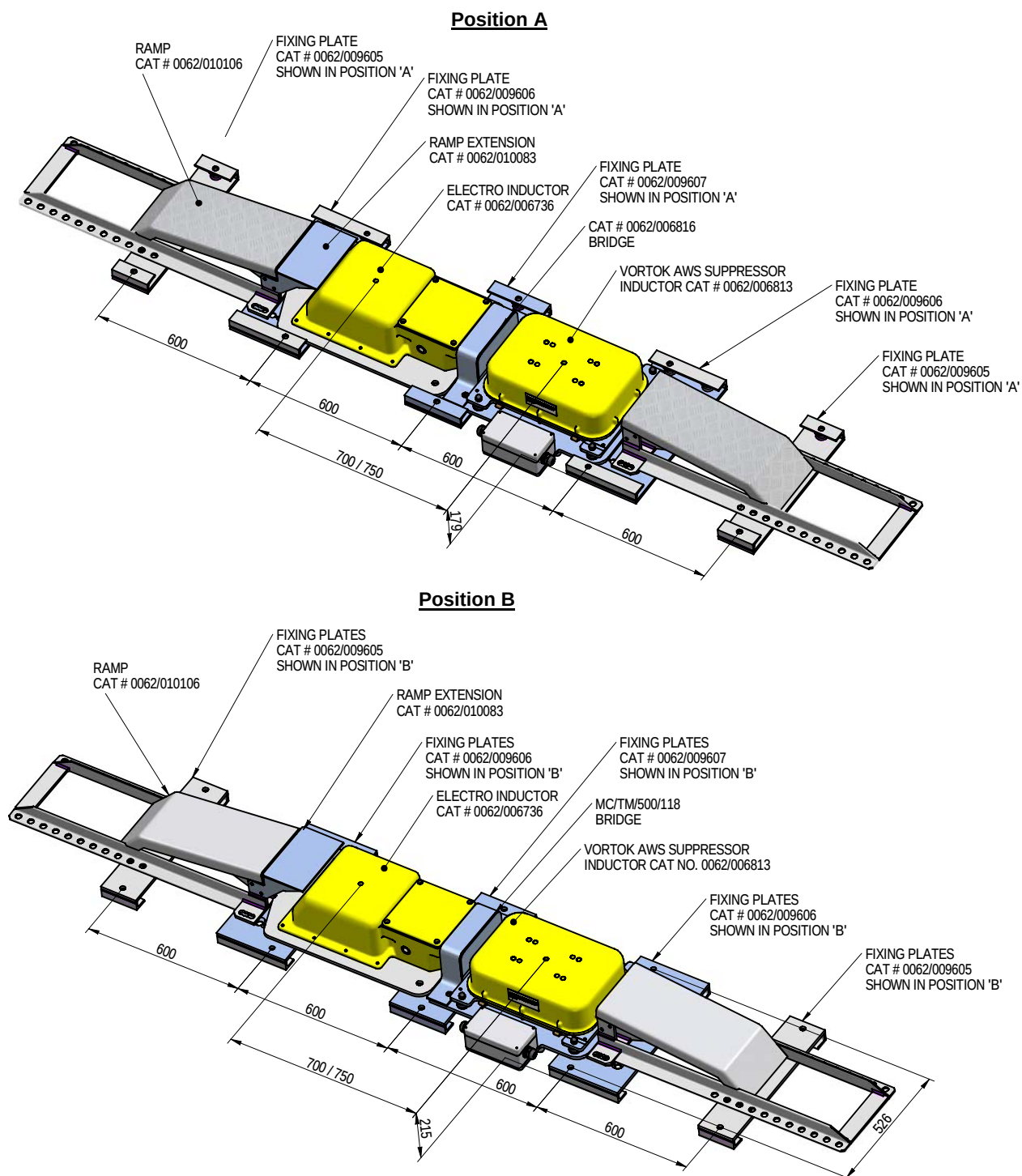


Figure 1. Configuration of the Vortok Standard Strength AWS Suppressor Inductor.

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