

Track Circuit Aids

Designed to connect to the running rails at regular intervals, TCAID detects high frequency signals from the trainborne Track Circuit Assistor. On detection of the TCA signal, the TCAID shunts the track circuit regardless of leaf contaminants at the wheel/rail interface.

- **The TCAID comes in two variants -**
- TCAID-D (Directional) Cat N° 088/084146
- TCAID-N (Non-directional) Cat N° 088/084147

- **Further elements of the kit are -**
- Leads for TCAID Unit MK2 Cat N° 088/084148
- Maintenance Battery Cat N° 088/084149
- Mounting Stake Cat N° 086/088261
- TCAID MK2 Test Set Unit Cat N° 088/084150
- TCAID-N (Non-directional metal cased) Cat N° 088/084151
- TCAID-D (Directional metal cased) Cat N° 088/084152



Track Circuit Aids (TCAIDS) were developed in 1992 by BR Research and are manufactured under a licence agreement at Unipart Rail Crewe Service Centre.

TCAID is predominantly installed to combat the failure of rolling stock to operate track circuits during the leaf-fall season (August to Christmas). In recent years there have been reports of track circuits showing clear when occupied due to leaf contaminants at the wheel/rail interface. A code of practice (GK/RC 0762) covering aspects of planning, installation, testing, maintenance and fault finding is published by Network Rail.

Cat N° 088/084147 TCAID-N (Non-directional)



Contact for technical advice

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