

NR/SIG/10665/mod 019		
FS2600 Track Circuit (NR/ROSE/TC-A2/1)		
Issue No. 01	Issue Date: 02/03/13	Compliance Date: 07/09/13

Includes:	FS2600Track Circuits (Double rail types)
Excludes:	

1.GENERAL



Warning

Red bonds are very dangerous if they become disconnected. Never touch them as there could be a dangerous voltage.

Report to E.C.O any found.

2.SERVICE



Check

Track Bonding connections are tight.

Impedance bonds, rail leads & 'debris' covers are tight.

Aluminium plate is secure & for signs of arcing.

Tail cables for damage, security and suitably protected.

Condition of P.Way (Report defects).



For metallic objects in close proximity to track (remove where possible).

Visually, all associated IBJ for degradation or damage.



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3. All Disconnection Boxes (if fitted)

3.1



Check

- For signs of wet or dry wire degradation.
- Terminations are secure and free from corrosion.
- Cables are labelled correctly.
- Cable glands are effective.
- Lid fits securely and padlocked.



Before starting the following test contact the signaller for permission

3.2



Test

- Complete a Drop Shunt at Relay End
- Complete 0.6ohm test at intermediate bond if fitted or relay end bond
- RX unit base for silver migration



3.3



Report

- Any adjustments made, components replaced or out of specification items on a WAIF.

3.4



Record

- All readings on record card.

End

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**SUPPORTING INFORMATION****Maintenance Definitions**

Icon	Term	Definition
	Check	Visually inspect for alignment, obstructions, breakages, decay, obvious damage, and/or operation within its defined tolerances, and/or fulfilment of purpose.
	Clean	Remove moisture, dirt, corrosion, or roughness (e.g. from contact faces).
	Dust	Dust lightly with a brush with no exposed metallic surfaces or duster.
	Examine	Closely inspect apparatus and connections for wear, security, corrosion, deterioration, decay, and damage.
	Lubricate	Oil or grease parts to reduce friction or provide protection and wipe off excess.
	Measure	Apply an approved, calibrated measuring instrument/gauge, then read, and record the result.
	Observe	Look at the equipment in use to make sure it is working correctly and is not faulty.
	Protect	Apply an approved protecting agent.
	Record	Enter the obtained measurement readings or observations on a suitable record card or in a site log book.
	Test or Gauge	Examine apparatus and run it (or use the appropriate tool, gauge or instrument) to make sure it is working correctly and is adjusted within the specification.
	Wipe	Rub apparatus with a cloth to remove dirt, grease etc.

4. Track Circuits Bonding in DC Traction Areas