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OVERHEAD LINE CAMPAIGN CHANGES – DATA SHEET

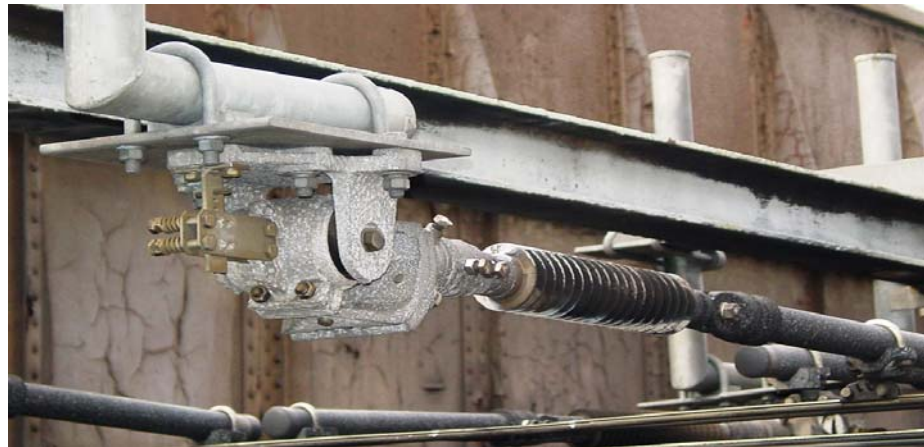
57

LOOSENING OF SIEMENS ELASTICATED BRIDGE SUPPORT ARM

COMPONENT Siemens elasticated support arm.

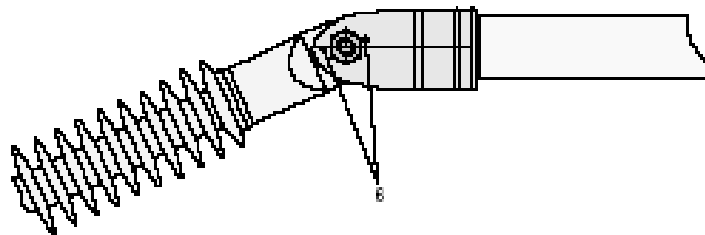
PROBLEM The pivot fastenings of the Siemens elasticated bridge support arm have a tendency to loosen, causing the arm to fall out of alignment and become foul of pantographs.

Note: This campaign change was previously reported as completed.



ACTION REQUIRED Fit stainless steel stiff nuts and check that fixing pins have been correctly installed as follows:

Fixing the angle at the support arm



Reference Information

Ellipse standard job number	13057
Ellipse standard job description	Fix loose Siemens Elasticated U/Br arm
Category	Registration
Priority	No
Types of OLE affected	Ex-DC; UK1
Original equipment dates	After 1999



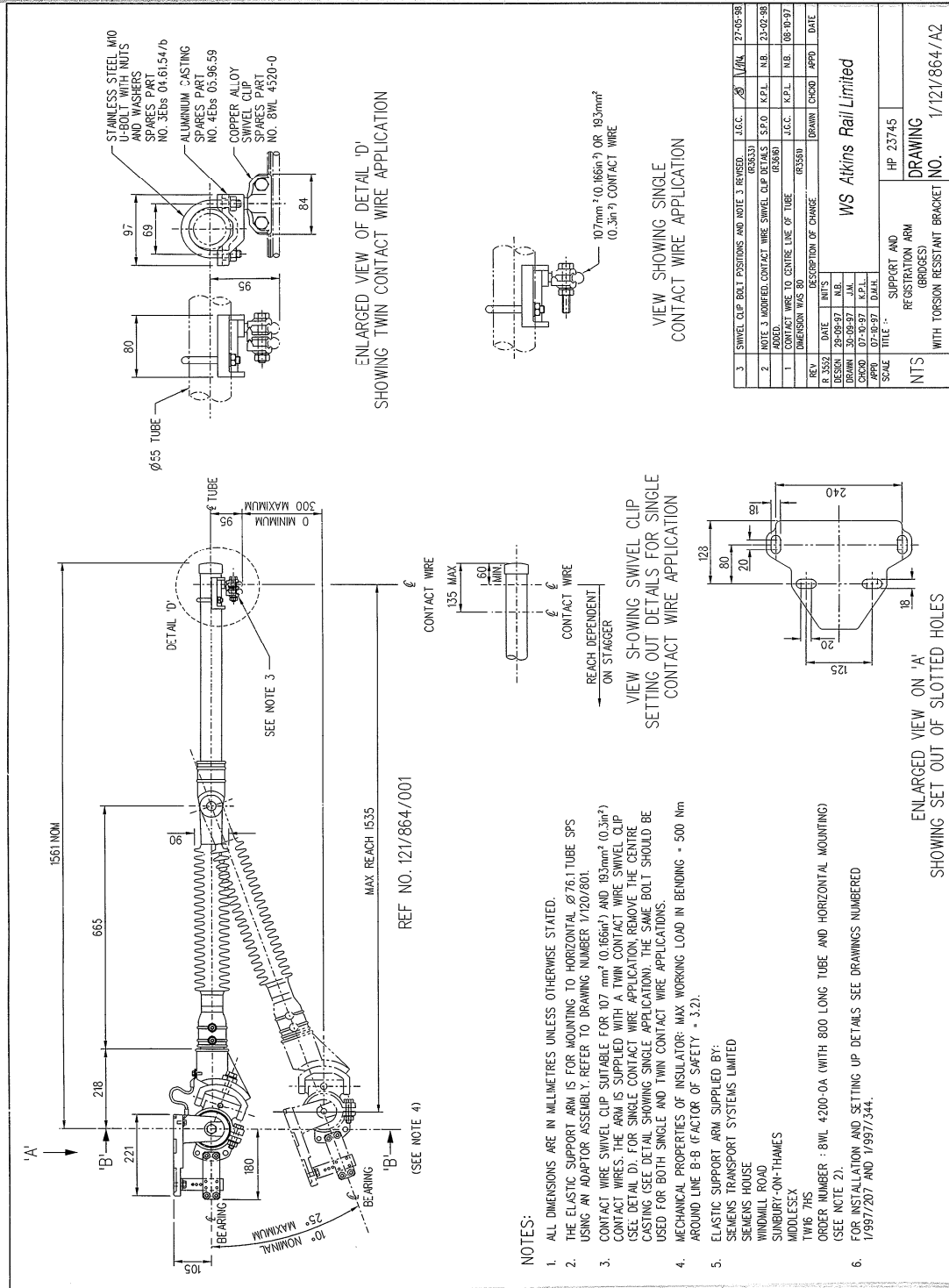
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LOOSENING OF SIEMENS ELASTICATED BRIDGE SUPPORT ARM



NOTES:

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE STATED.
 - THE ELASTIC SUPPORT ARM IS FOR MOUNTING TO HORIZONTAL Ø76.1 TUBE SPS USING AN ADAPTOR ASSEMBLY. REFER TO DRAWING NUMBER 1/120/801.
 - CONTACT WIRE SWIVEL CLIP SUITABLE FOR 107 mm² (0.166m²) AND 193mm² (0.3m²) CONTACT WIRES. THE ARM IS SUPPLIED WITH A TWIN CONTACT WIRE SWIVEL CLIP (SEE DETAIL D). FOR SINGLE CONTACT WIRE APPLICATION, REMOVE THE CENTRE CASTING (SEE DETAIL SHOWING SINGLE APPLICATION). THE SAME BOLT SHOULD BE USED FOR BOTH SINGLE AND TWIN CONTACT WIRE APPLICATIONS.
 - MECHANICAL PROPERTIES OF INSULATOR: MAX WORKING LOAD IN BENDING = 500 Nm AROUND LINE B-B (FACTOR OF SAFETY = 3.2).
 - ELASTIC SUPPORT ARM SUPPLIED BY:
SIEMENS TRANSPORT SYSTEMS LIMITED
SIEMENS HOUSE
WINDMILL ROAD
SUNBURY-ON-THAMES
MIDDLESEX
TW16 7HS
ORDER NUMBER: 8WL 4200-0A (WITH 800 LONG TUBE AND HORIZONTAL MOUNTING)
(SEE NOTE 2).
- FOR INSTALLATION AND SETTING UP DETAILS SEE DRAWINGS NUMBERED 1/997/207 AND 1/997/344.



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