

Replace Slide Chair Bolts with Multi-Groove Locking Pins (Huck Fasteners)

Scope

Includes:
Excludes:

Preparation

Tools, equipment and plant items required but not limited to:

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Work planning considerations:

- Electrification requirements

Method

1. Ensure the switch is open and secured
2. If required, cut the old slide chair bolts either
 - Using oxy/fuel gas cutting torch
 - Using disc cutter
3. Note it is good practice to install all the Huck pins at one time. A mixture of Huck pins and bolts is to be avoided where practicable.
4. Slacken off chairscrews in slide chairs
5. Ensure slide chair and stock rail bolt holes are in line inset Huck pins with a hardened steel fishbolt washer under the collar
6. Fix new MGL studs using the Fastening Equipment in two stages:-
 - so the pins are just tight but all are fastened then check that all the slide chairs fit up snugly to the stock rail web and foot
 - Apply the full tension to snap the tail pieces.
7. Tighten down the chair screws
8. Ensure S&T check the correct operation of finished points
9. The site shall be left tidy and any scrap, surplus materials or tools are removed from site.

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References

Supports Ellipse Standard job

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If applicable refer to the following associated documents:

- NR/SP/TRK/001 Inspection and Maintenance of Permanent Way
- NR/WI/TRK/001 Track Inspection Handbook
- Risk Control Sheets
- NR/L3/MTC/0002/TK000 Generic Track Risks

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