

## Switch Slide Plate Lubrication

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### 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. Carry out a thorough inspection identifying all areas where lubrication is required. Note that where there are low friction dry bearings fitted (i.e. yellow plastic, phosphor bronze or manganese inserts) lubrication is not necessary. Also where Schvihag or Austrorollers rollers are installed these must not be lubricated using normal slide chair lubricant.
2. Do not place hands between switch & stock rail unless agreement has been reached with the signaller and points are scotched
3. Remove all litter & any obstructions from area of switches ensuring that the debris is collected up and removed from site.
4. Scrape away old lubricant from slide chairs and rail
5. Apply new lubricant to the slide chairs using a suitable applicator. For phosphor bronze or manganese inserts, lubricant may be applied but must not be applied to yellow plastic slippers
6. Ask signaller to reverse the points
7. Repeat above procedure while the points are reversed
8. Request signaller to return the points to the original position and check for correct operation
9. Tidy site

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### References

Supports Ellipse Standard job

- 009138 S&C - Slide Chair Oiling
- 009140 S&C - Slide Chair Cleaning

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
- NR/GN/TRK/7001/TWI2S004 How to lubricate switches

- Risk Control Sheets
- NR/L3/MTC/0002/TK000 Generic Track Risks