Track – PL – Renew Check Rail

Scope

Includes: Check rails in plain line
Excludes: Check rails in S&C and guard rails

Preparation

Tools, equipment and plant items required but not limited to:
- Pinch-Bars (5ft)
- Large Spanner/Small Spanner (runner)
- Adjustable Spanners
- Hammers
- Shovels
- Jacks
- Torque wrench
- Rail Grabs
- Rail Turners
- Clip extractor
- Impact wrench
- Top Hat spanner (KT clips)
- Top Hat spanner (Coach screws)
- Hydraulic nut splitter
- Dismantling fluid

Work planning considerations:
- Correct rail and components identified and ordered
- Positioning and securing of new rail prior to work
- Scrap securing and removal
- Isolation requirements
- Plant requirements

Method

1. Ensure new check rail is drilled correctly to correspond with drilled holes in running rails.
2. Remove fastenings holding the check rail to chairs/baseplates.
3. Remove the nuts from the check bolts and withdraw bolts from their housings.
4. Remove the check rail.
5. Renew and fettle components as required.
6. Insert check blocks.
7. Fit the new check rail.
8. Tighten up check bolts.
9. Set the flange way gap.
10. Torque bolts to the correct setting.

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11. Fasten rails to baseplates/chairs.
12. Lubricate protruding ends of threads.
13. Clear site of tools and scrap.

References

Supports Ellipse Standard job
- 009080 Track - PL - renew check rail

If applicable refer to the following associated documents:
- NR/SP/TRK/001 Inspection and Maintenance of Permanent Way
- NR/GN/TRK/7001/TWI3P051 How to fit a continuous check rail
- NR/GN/TRK/7001/TWI2C025 How to change a check rail bolt
- NR/GN/TRK/7001/TWI2S074 How to change a check rail chair

- Risk Control Sheets:
- NR/L3/MTC/0002/TK000 Generic Track Risks
- NR/L3/MTC/0002/TK400 Renew rail jointed & check

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