



# SLS

## Second Life System

// The SLS Second Life System is a cost-effective life extension rather than cost intensive replacement. It is suitable for all turnouts, plain track as well as longitudinal bridges. Implementation of the SLS System may be applied at any time during the infrastructure life cycle depending on the conditions of the asset and operational requirements.

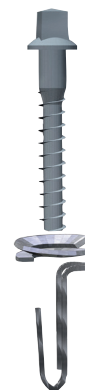
Tracks with high axle loads and high volumes of traffic are subjected to ever increasing vertical and horizontal forces. These forces can result in the deterioration of the track components, especially in curves, turnouts and bridges.

Eventual failure may include:

- Elongation of screw holes
- Indentation of wooden ties
- Baseplate shuffle

### Main Benefits

- Recovery of the screw hole integrity
- Recovery of the base plate to tie Interface
- Recovery of the gauge
- Correction of the cant
- Correction of the horizontal alignment
- Returns track to construction standards



The insert guarantees a firm seat of the new lag screw. It enables therefore a proper transmission from lag screw to tie.

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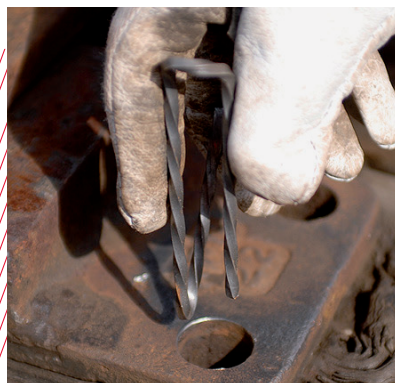
## // Second Life System

### SLS Features

- Installed successfully since 1969
- Resin processable -3 to 30 degrees Celsius
- Can extend timber use by 5-10 years
- Amortization of costs after 2-3 years
- Maximum of 15mm vertical alignment possible

### Basic Installation steps

- Installation of the gauge adjustment tie bars
- Loosening of the datum rail
- Correction of the track gauge
- Re-drilling of the screw holes
- Insertion of SLS insert and resin
- Insertion of lupolen pads to correct superelevation
- Insertion of the new screws



EASY TO HANDLE



QUICK TRACK AVAILABILITY



DURABILITY

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