

# The Ultimate Guide to Tracking the Gauges and Gauging the Tracks: Part 1 - Gauges and Wheels

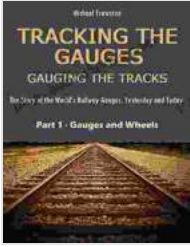
Tracking the gauges and gauging the tracks are two essential aspects of railroad maintenance. By ensuring that the gauges are correct and the tracks are in good condition, you can help to prevent accidents and ensure the smooth operation of your railroad.

There are two main types of gauges used on railroads:

- **Fixed gauges:** These gauges are permanently attached to the track and are used to measure the distance between the rails.
- **Portable gauges:** These gauges are not permanently attached to the track and can be used to measure the distance between the rails at any point along the track.
- **Straight wheels:** These wheels have a flat surface that makes contact with the rail.
- **Tapered wheels:** These wheels have a tapered surface that makes contact with the rail.

To measure the gauges, you will need a track gauge. A track gauge is a tool that is used to measure the distance between the rails. To use a track gauge, simply place the gauge on the rails and read the measurement.

**TRACKING THE GAUGES, GAUGING THE TRACKS -  
Part 1, Gauges and Wheels: The Story of the World's**



## Railway Gauges, Yesterday and Today (TRACKING THE GAUGES, ... Railway Gauges, Yesterday and Today)

by Michael Frewston

★★★★☆ 4.4 out of 5

Language : English  
File size : 2866 KB  
Text-to-Speech : Enabled  
Screen Reader : Supported  
Enhanced typesetting : Enabled  
Print length : 70 pages  
Lending : Enabled



The most common type of track gauge is the fixed gauge. Fixed gauges are typically made of metal and are permanently attached to the track. Fixed gauges are used to measure the distance between the rails at specific points along the track.

To measure the wheels, you will need a wheel gauge. A wheel gauge is a tool that is used to measure the diameter of a wheel. To use a wheel gauge, simply place the gauge on the wheel and read the measurement.

The most common type of wheel gauge is the fixed wheel gauge. Fixed wheel gauges are typically made of metal and are permanently attached to the track. Fixed wheel gauges are used to measure the diameter of wheels at specific points along the track.

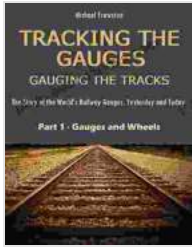
There are a number of common problems that can occur with gauges and wheels. Some of the most common problems include:

- **Gauge widening:** Gauge widening occurs when the distance between the rails increases. This can be caused by a number of factors, including wear and tear on the rails, movement of the track, or improper maintenance.
- **Gauge narrowing:** Gauge narrowing occurs when the distance between the rails decreases. This can be caused by a number of factors, including wear and tear on the rails, movement of the track, or improper maintenance.
- **Wheel wear:** Wheel wear occurs when the surface of the wheel becomes worn down. This can be caused by a number of factors, including friction between the wheel and the rail, wear and tear on the wheel, or improper maintenance.
- **Wheel slippage:** Wheel slippage occurs when the wheel loses traction on the rail. This can be caused by a number of factors, including wet or icy rails, worn wheels, or improper maintenance.

Tracking the gauges and gauging the tracks are two essential aspects of railroad maintenance. By ensuring that the gauges are correct and the tracks are in good condition, you can help to prevent accidents and ensure the smooth operation of your railroad.

I hope this article has provided you with the information you need to get started with tracking the gauges and gauging the tracks. If you have any questions, please feel free to contact me.

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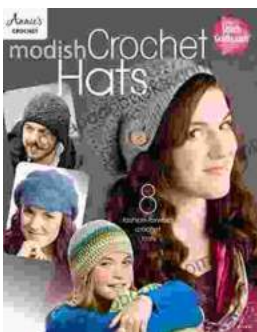
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