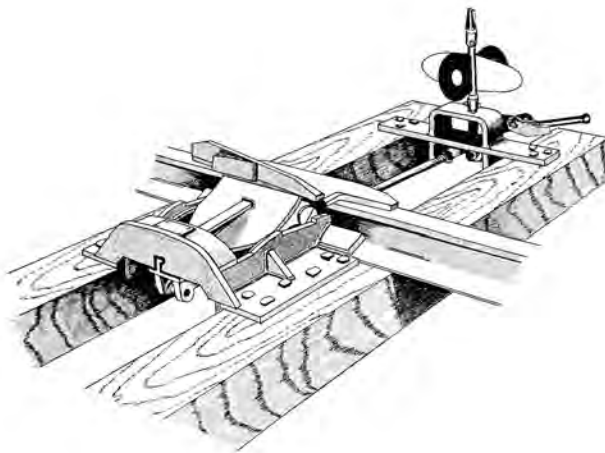
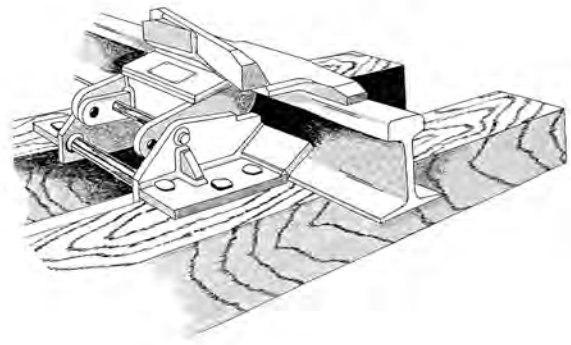


# DERAILS

Derails are essential safety mechanisms used to prevent railcars or locomotives from moving past a designated point. They function through a “shoe” positioned on top of the rail, which forces any wheel that travels over it to leave the track. When access to the restricted zone is required, the shoe is removed to allow passage. These devices are commonly used to secure work zones, loading areas, or to stop railcars from unintentionally moving from an industrial track onto the main railway line.

The two derail types featured here are made from welded steel. There are also portable versions available, as well as models that include blue warning flags for added visibility. Most derail systems can be locked in place with a padlock to prevent unauthorized tampering or vandalism.

**The EB Hinged Derail model** is a widely used and cost-effective safety device. It features a steel base that is secured to the ties with spikes. The derail shoe is attached to this base via a hinge. This model is intended for manual operation only. When not in use, the shoe rests on its back in the middle of the track. A target stand can be added to show whether the shoe is in the active or inactive position. Total weight: 146 lbs



**The HB Sliding Derail** is a robust, heavy-duty option built for long-term performance and reduced wear on wheels and the derail system itself. It is operated from beside the rail using a mechanism that slides the shoe from its resting base to an active, raised position. The photo on the left shows the HB model with a standard two-tie operating stand, though other stand types are also available. These stands require a connecting rod, which must be purchased separately. Weight without stand: 277 lbs.

## Derail Wheel Crowder

In certain areas—such as sharp curves where derailing to the inner rail is required or where higher speeds are expected—Riemsarail recommends using a Derail Wheel Crowder. This device supports the derail system by guiding the wheels into the entry point of the derail mechanism. It offers a much more affordable solution compared to switch point and stock rail style derails.

