Dual-Magnet Uncoupling

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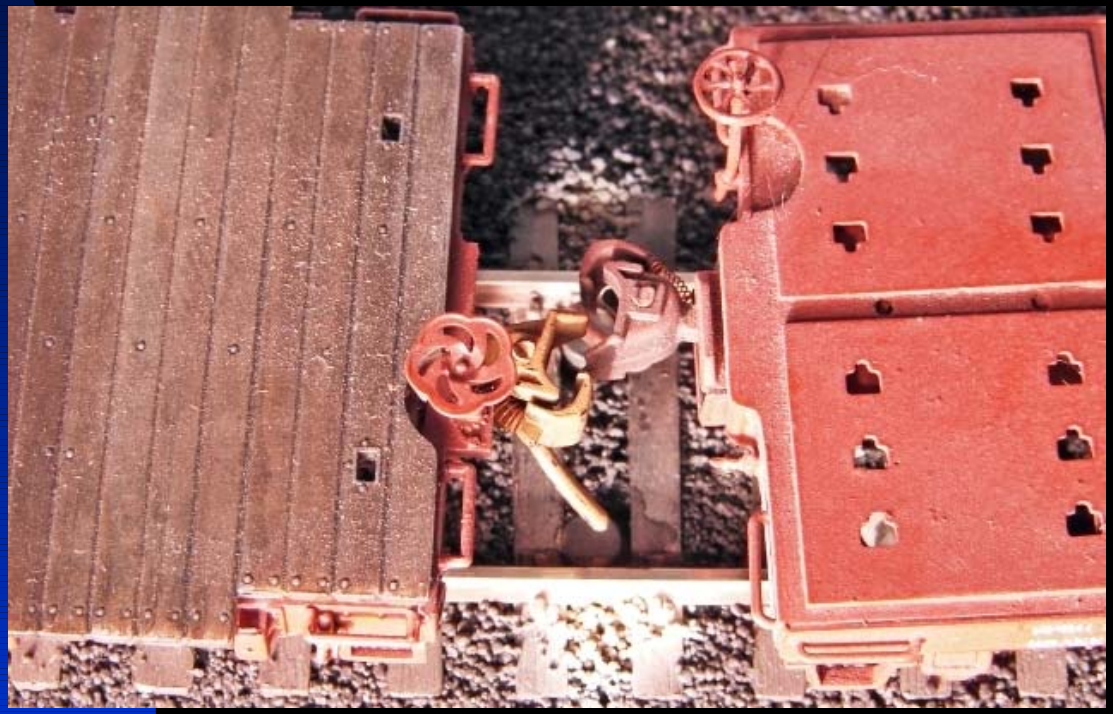
Background

- PA native
- http://members.cox.net/mylvrr
- MMR 425
- RMC November 2008

Topics of Discussion

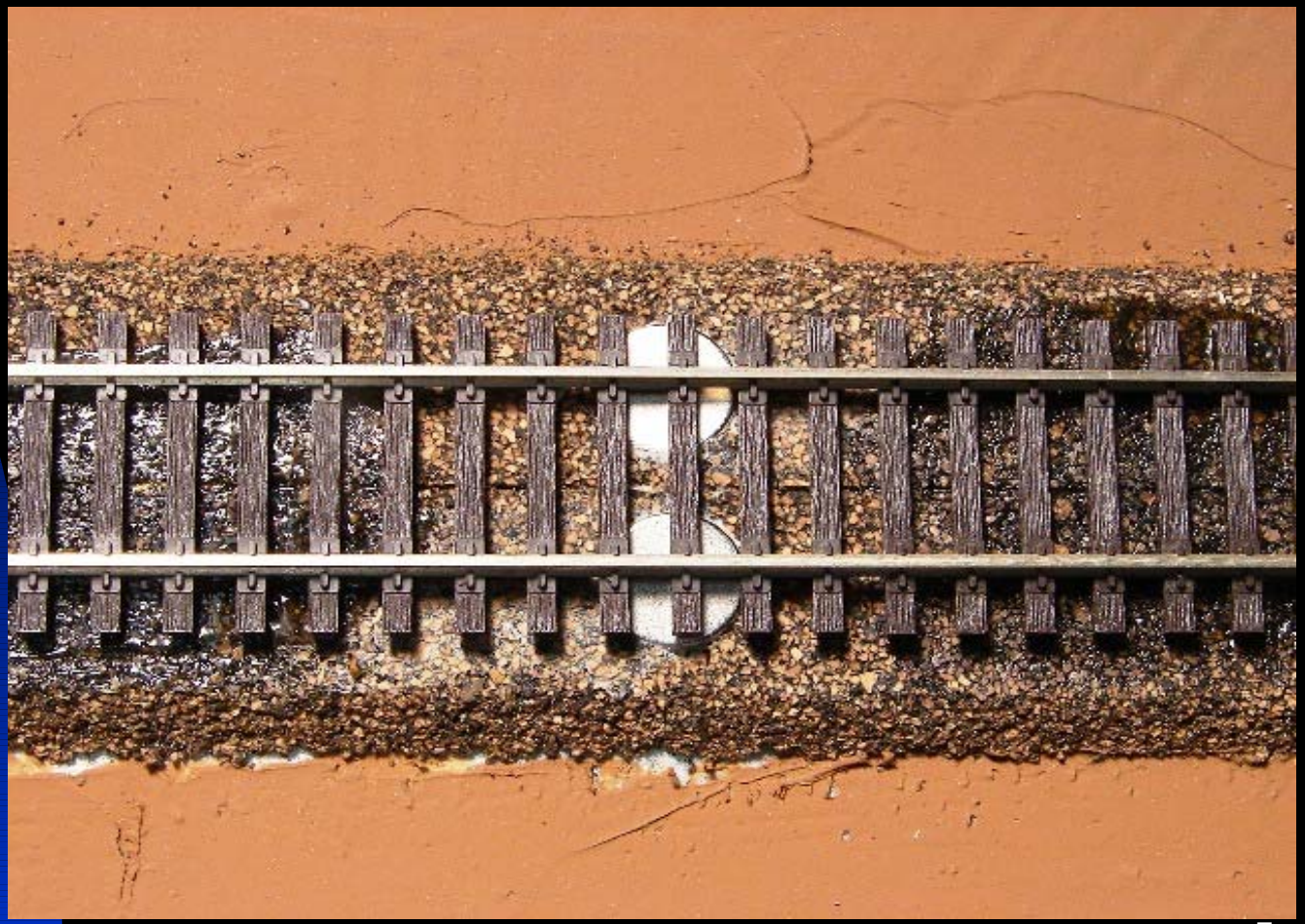
- Uncoupling options
- Dual-magnet Installation
- Improving Reliability
- Switching Techniques



Uncoupling Options

- Kadee ramps
- Rix Pik
- Skewer sticks & coffee stirrers
- MTH decoder uncoupler
- 0-5-0
- Dual-Magnets

Disc Magnets

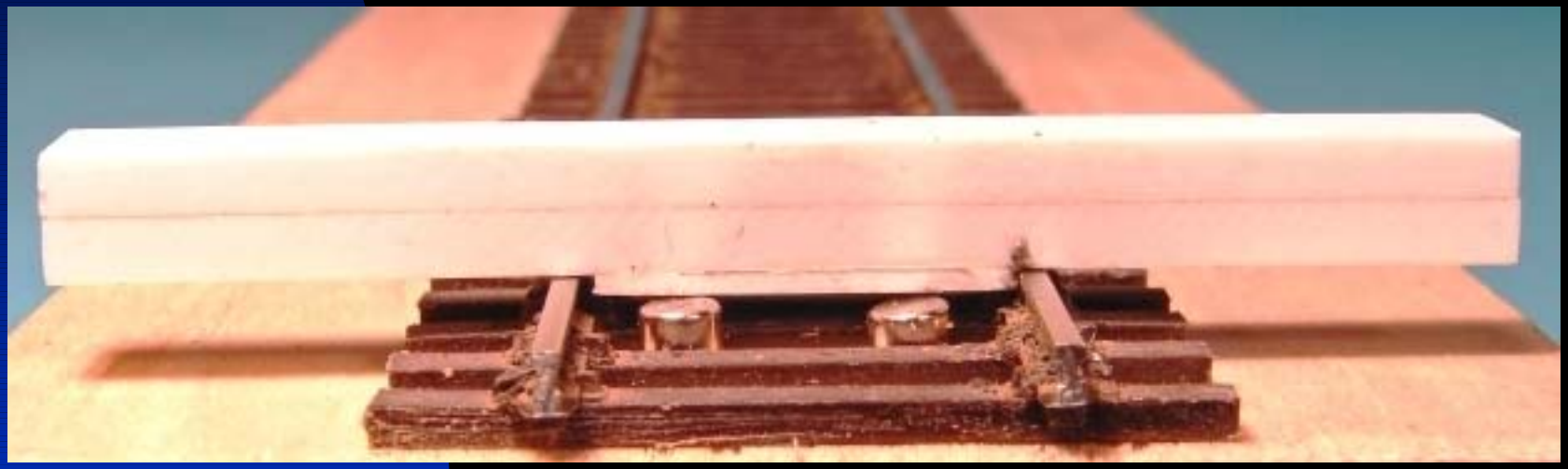


Cylindrical Dual-Magnets

- K&J Magnetics, Inc.
- Inexpensive
- Easy to install
- Work with most scales

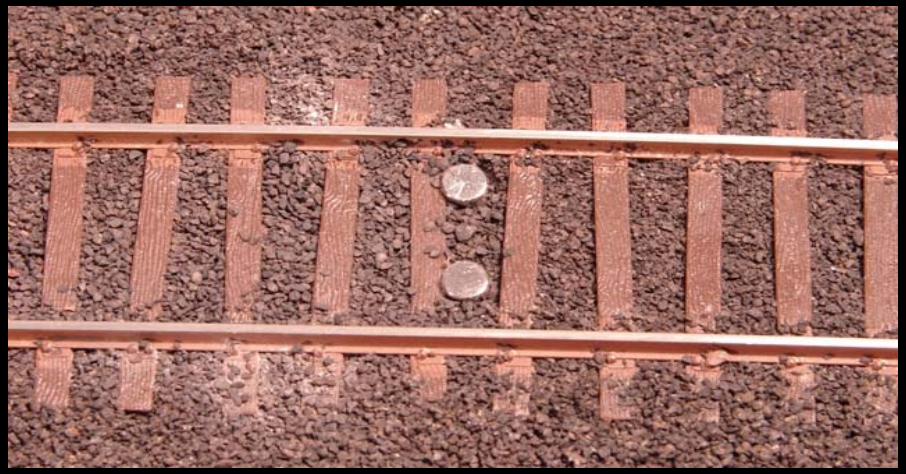
Installation

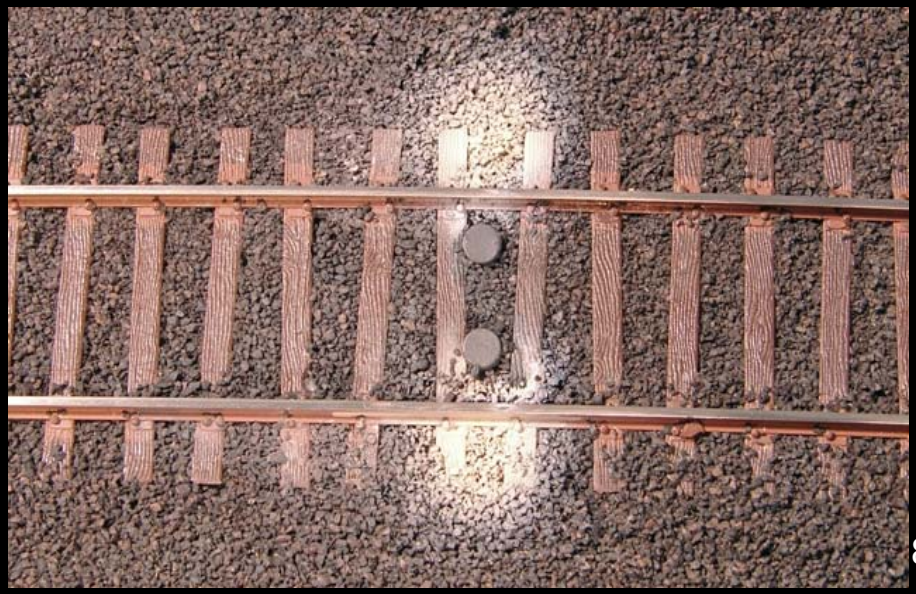
- Select location
- Drill 1/8” holes
- Adjust height



Finished Installation

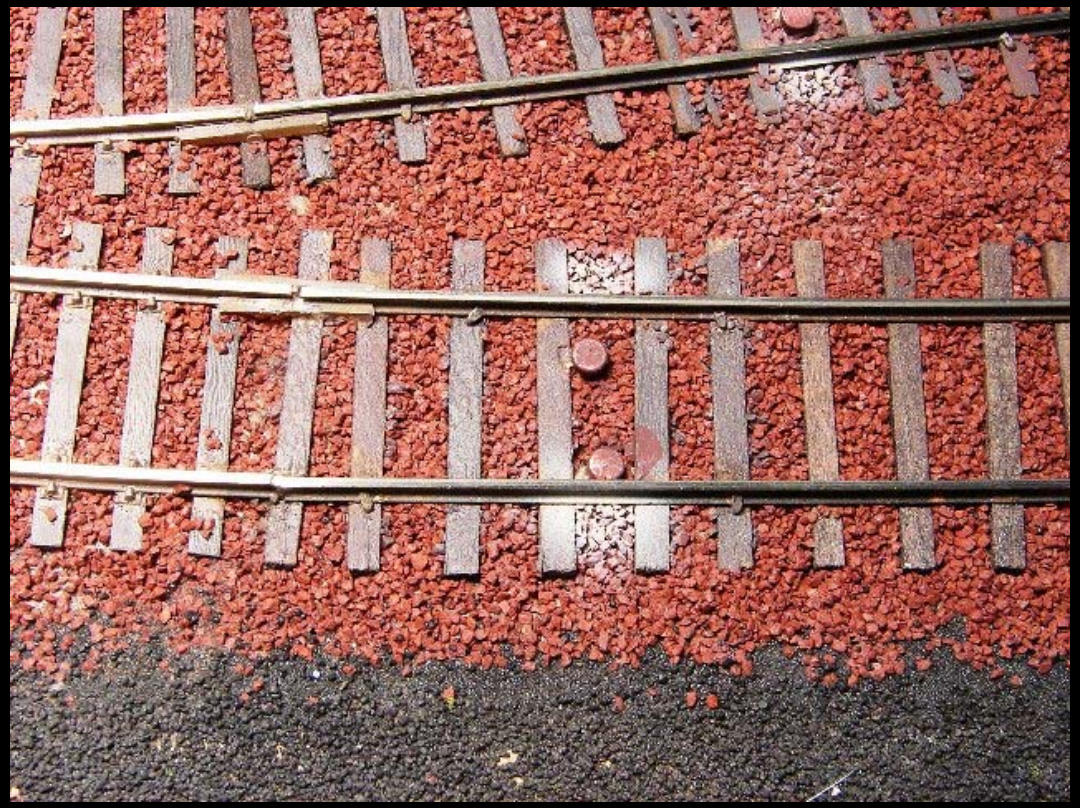
- Paint the magnet
- Mark the location





Curved Track Installation

- May require some experimentation
- Move inside rail magnet in to center trip pins



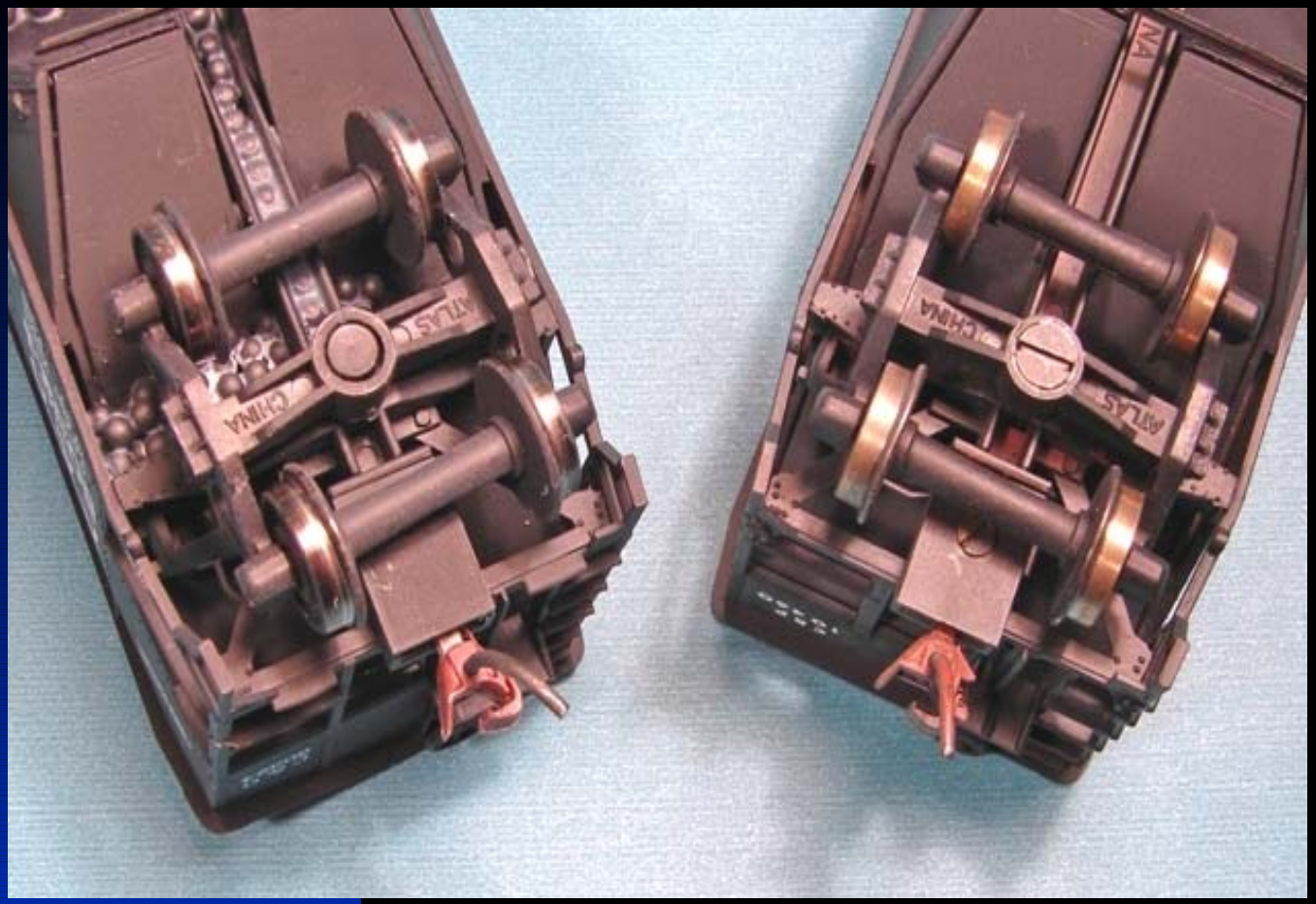
Marking Locations - Sidings

Marking Locations - Yards

Improving Reliability

- 4 Point Inspection
  - Truck Attachment
  - Coupler height
  - Trip pin height
  - Coupler movement

Truck Attachment

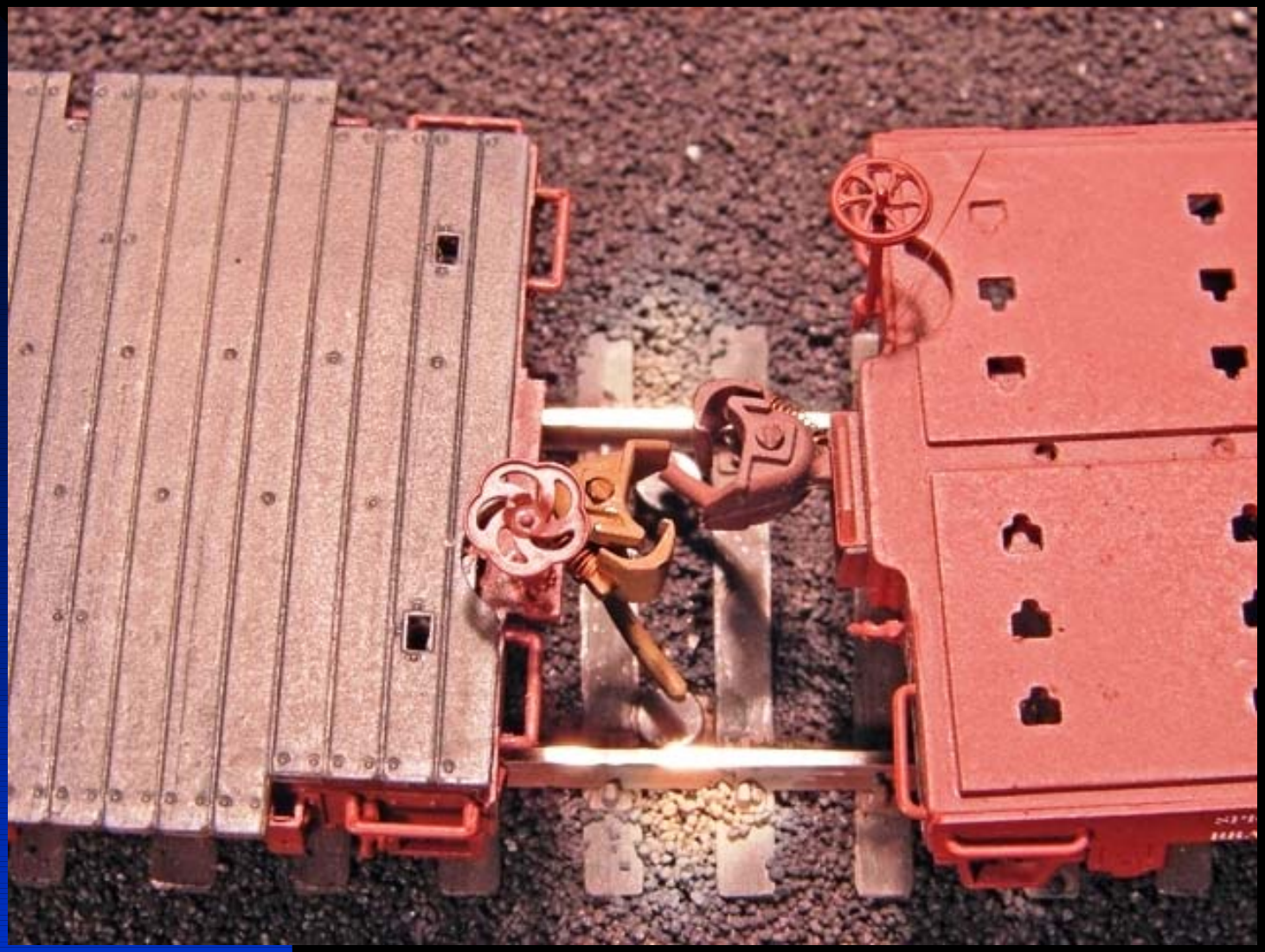


Coupler Height

Trip Pin Height

Coupler Movement

Uncoupling Process



Switching Techniques

Summary

- Cheap
- Easy to install
- Reliable & realistic uncoupling
- Improve operations
- Works with multiple scales
- Works with all couplers