

Installation Guide

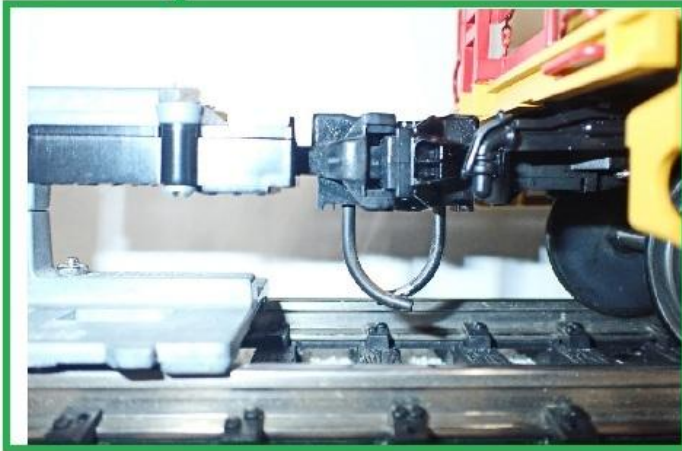
Ted Doskaris, 8-16-2026

USA Trains Center
Cupola Caboose

Small foot print CamPac Boxes™ fitted
with Kadee "G" scale centersets from
907 kit.



Coupler alignment
with Kadee 980
gauge



Ted Doskaris,
8-15-2026



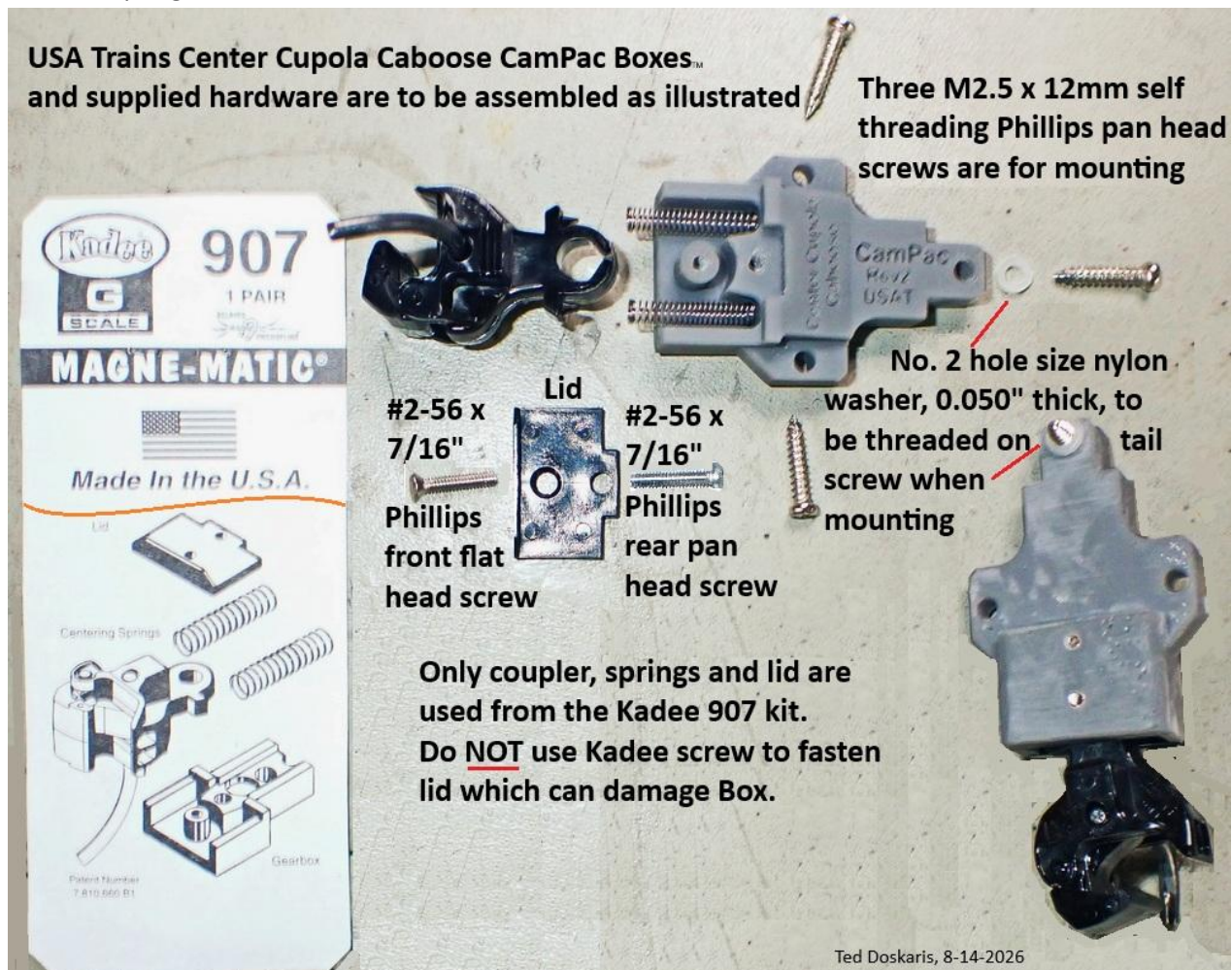
Operation down to 8 foot diameter track or greater



Installing 3-D Printed body mount coupler boxes on the Center Cupola Caboose

Overview

- Instructions are provided as a guide for the installer of 3-D printed *CamPac Boxes™* on the “G” (1/29) scale USA Trains Center Cupola Caboose ¹. With *CamPac* boxes properly installed, layout operation is intended for 8 foot diameter or greater track curves.
- *CamPac* Boxes on the caboose could be removed, and factory couplers reinstalled if so desired; however, the resale value of the caboose may be enhanced with body mounted *CamPac* boxes.
- Tools needed include Phillips type P1 & P2 screwdrivers.
- For verifying caboose coupler height from the track, a Kadee 980 coupler height gauge is needed.
- *CamPac* 3-D kit printed components include coupler boxes (2) and various screws to attach the Boxes.
- **Not included:** The installer will need to supply a Kadee 907 kit (1) of which only the coupler springs and lid will be fitted onto each *CamPac Box™*.



¹ **Caution:** When operating the caboose, abrupt excess force (e.g. collision/yanking) to the coupler may result in damage to coupler, coupler box, or other components.

The CamPac boxes can be painted prior to installation



Advisory

Level Check



Place caboose with track on a level surface, and verify the caboose is level as shown. If not, one of the truck's bolster can be assembled wrong. The higher end of the caboose is likely to have the wrongly assembled truck bolster. This must be corrected before body mounting couplers.

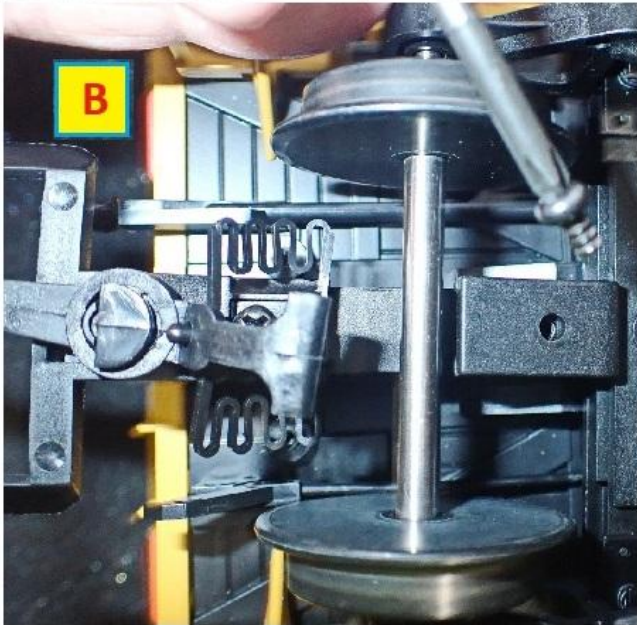
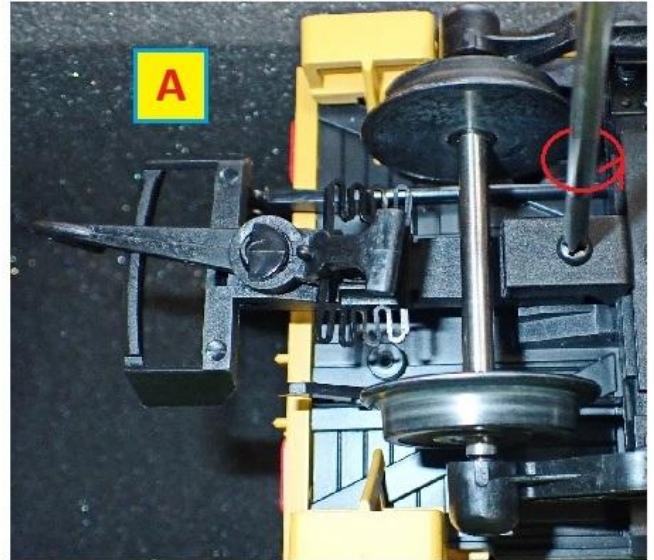
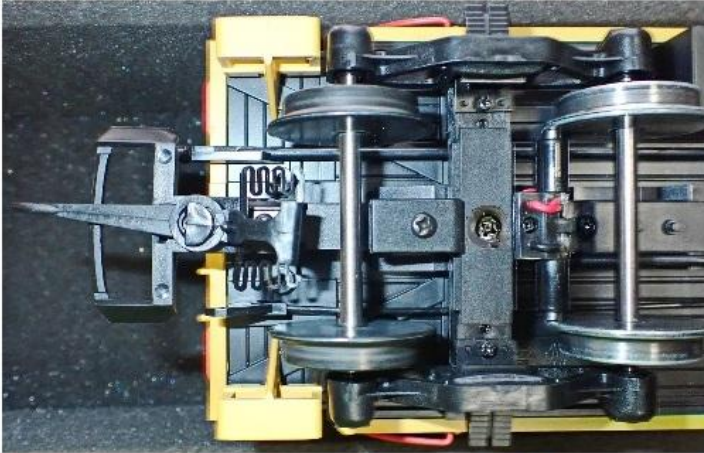
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Installation Steps:

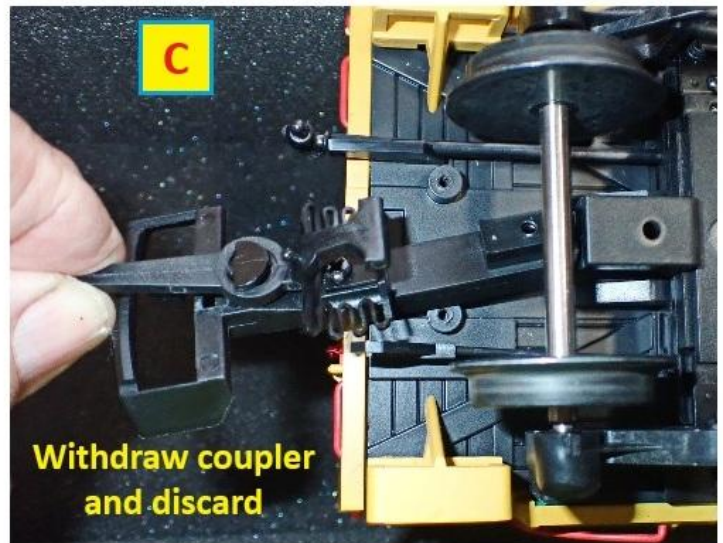
Step 1

To work on the Caboose, place it up-side-down - example shown in foam cradle by Santa Clarita RR products, link <https://santaclaritarailroad.com>

Remove factory truck mounted Hook & Loop couplers from both trucks as illustrated



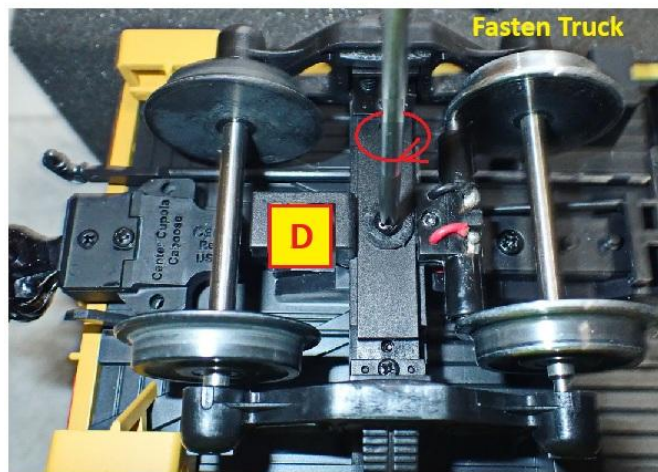
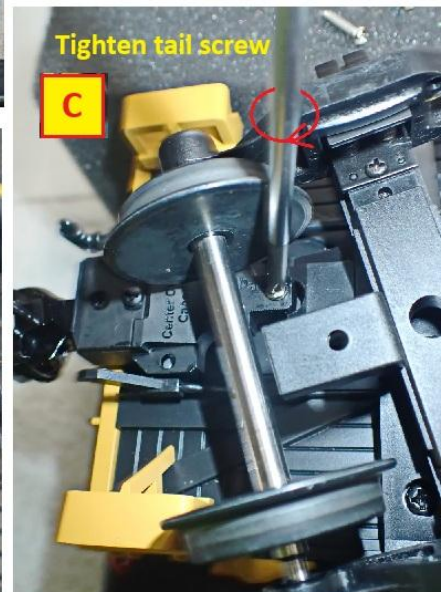
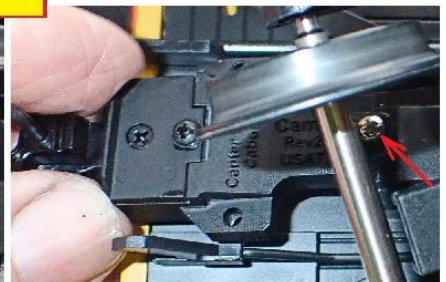
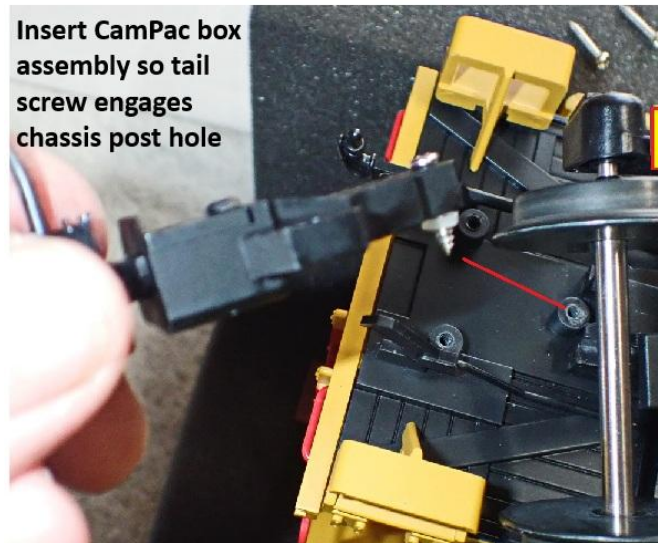
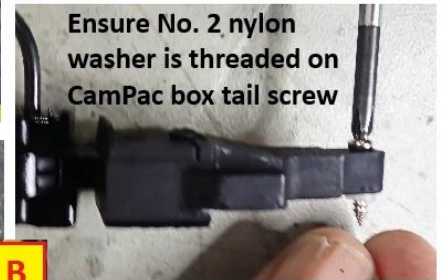
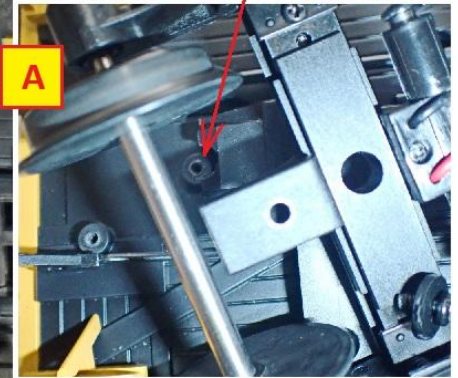
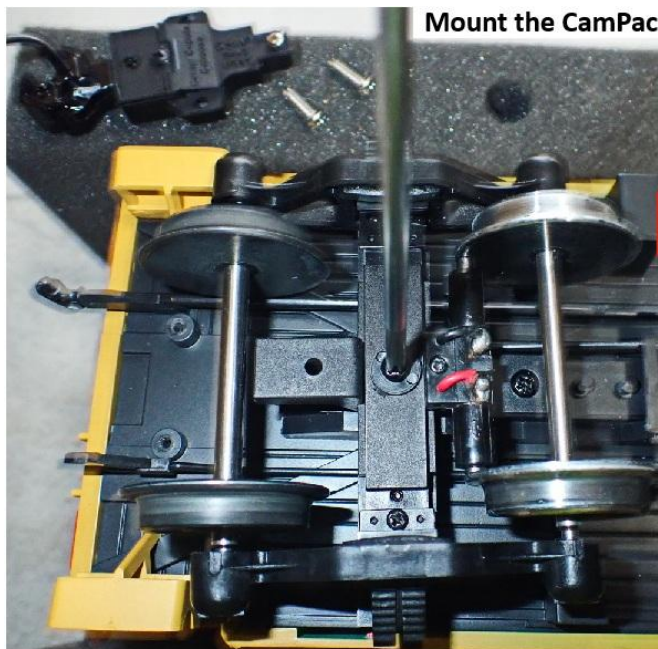
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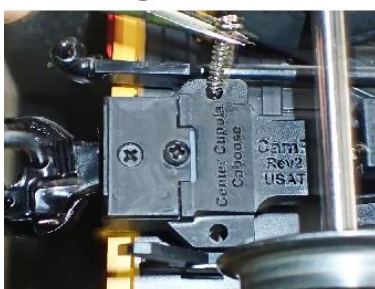
Step 2

Mount the CamPac Box™ Assembly

Unfasten truck so it can be lifted slightly aside (albeit with captive wires) to expose the chassis post



Insert & tighten the two M2 x 12mm self threading screws into the CamPac box side ears.



Perform same process for the other truck.



Done!!!