

February 2, 2020

## **Tangent Scale Models B&O I-18 Caboose Coupler Box Fix**

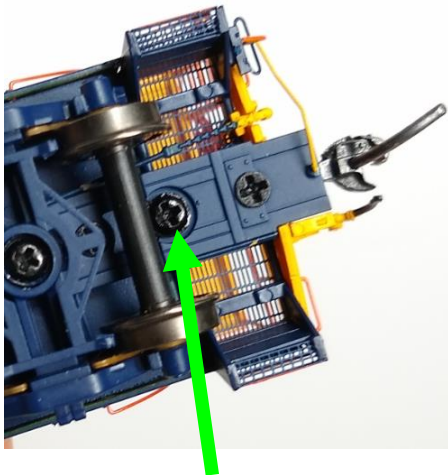


To our loyal customers: Thank you for your business with Tangent. A very small percentage of our new B&O cabooses sold have an issue with sagging draft gear. These are hand assembled cars and this issue is caused by an assembly issue during production. These repair steps take 5-10 minutes at most to complete. We apologize for this oversight.

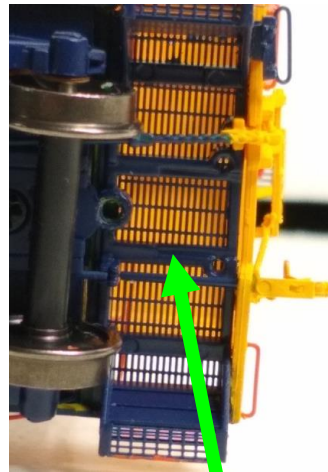
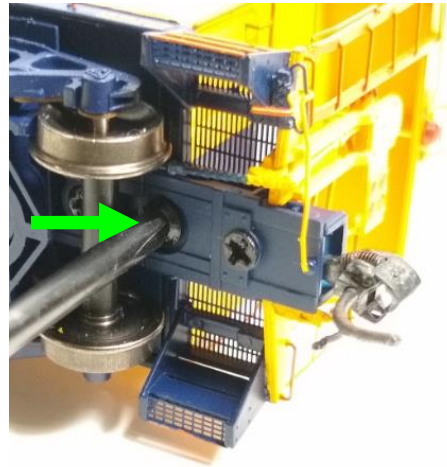
Example of a caboose coupler that is too low:



This is an assembly issue that can be fixed:



1. Remove this screw



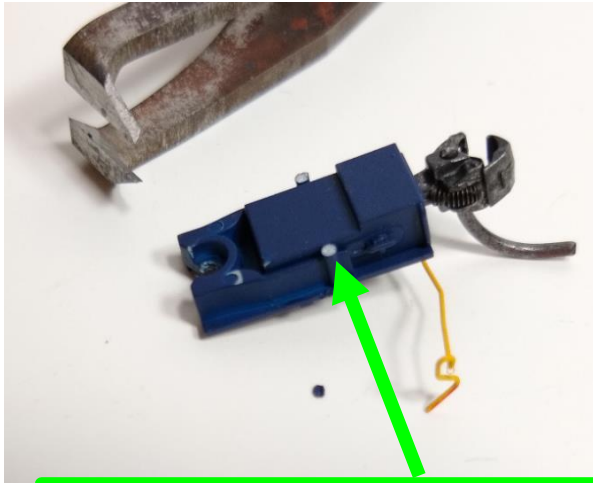
2. Carefully remove the coupler box. (gently wiggle it out)

## Note about screw removal

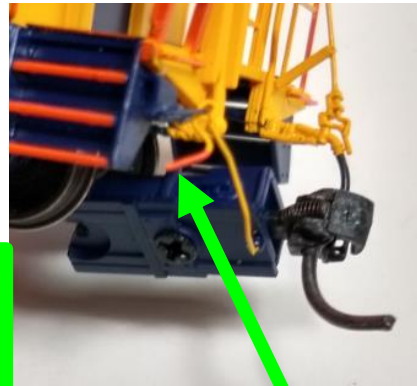
**With the two screws removed, the floor is now “loose” from the body.**

**Be careful when handling the caboose or testing on track.  
Do not let the floor and trucks fall out of the body.**

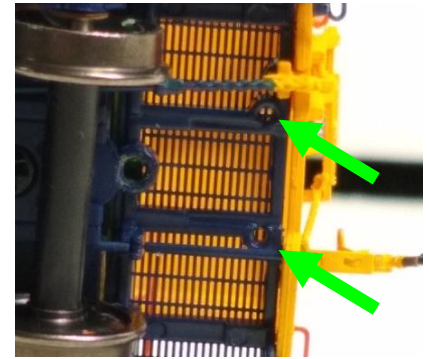
**Trim the two pins of the coupler box a tiny amount:**



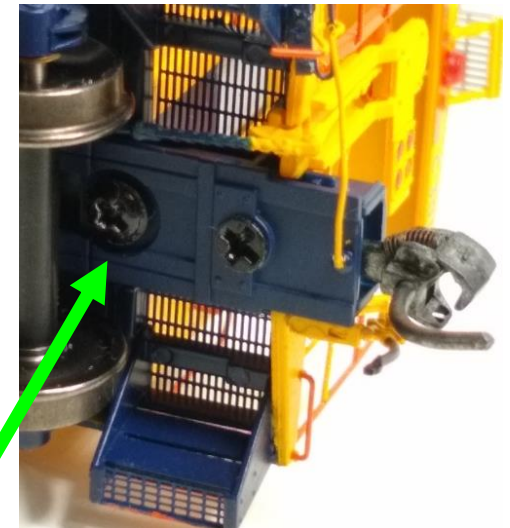
**3. Trim the locator pins a very small amount. (Do NOT cut them flush!)**



**4. Loop the coupler lift bar back through the body loop**



**5. Slide the coupler box back into position, and push the pins back in their holes. Replace the screw, Do not overtighten.**



Now the coupler should rest at the correct height.



We recognize that this is a production issue. If you feel uncomfortable performing this task, please send an email to [support@tangentscalemodels.com](mailto:support@tangentscalemodels.com) and we will take care of you. Thank you for your business!