



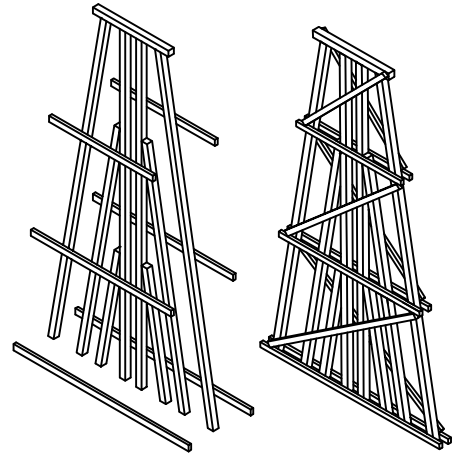
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## 4-LEG TRESTLE JIG Rio Grande Southern - Narrow Gauge TJ4Rx

This jig can be used to build trestle bents in three different styles (options), depending on the desires of the modeler. The sill spacing can be any distance with all the options. The notches in the jig are merely guidelines for typical sill spacing. This bent is typical of those in the Gallagher Creek, CO, area. The HO scale jig is available in a second bent design. Part number TJ4RHOA is based on a drawing by David Bigge that appeared in the Jan/Feb 1987 issue of *Narrow Gauge and Short Line Gazette*.

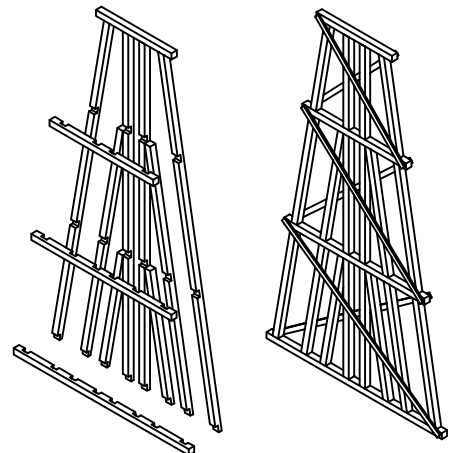
### False Frame Bent

A true frame trestle bent is shown at the bottom of the page. True frame bents are hard to build and very weak because of all the butt glue joints. The **FALSE FRAME BENT** at the right is much easier to build, is very strong, and most folks (modelers or not) will be just as impressed. The difference is that the sills, which prototypically break the legs into separate pieces, are simulated by side braces. In this way you get the distinctive shape of the RGS trestle bent, without the drawbacks of the true frame bent.



### Notched Frame Bent

The **NOTCHED FRAME BENT** is an excellent compromise between the ease and strength of the false frame bent and the authenticity of the true frame bent. One of the best articles on trestle building ("Tackle a Timber Trestle", John S. Corbet, *Model Railroader*, Dec '63, p 54; republished in Kalmbach's **Model Railroad Bridges and Trestles**) describes the notching of the sills and the legs to create a bent that looks prototypical from one side. The instructions describe an easy, reliable, and teachable process for notching the parts. They look great.



### True Frame Bent

For the ultimate modeling experience, nothing beats prototype modeling. Option 3 of the instructions describes how to use the 4-Leg Assembly Jig to build **TRUE FRAME BENTS**. The jig is also used to cut the parts to length. You can easily adjust the height of the sills so your bent can have several different sill spacings. If you model the RGS, you will love this feature.

