

Pinewood Derby Car Template Instructions

The use of a template is helpful to either create a new car type or use an existing type. These templates aid in the cutting of a standard BSA Pinewood Derby block. Most car designs fit within the space of the original block, but some do require additional material (i.e. Amtrac).

Purpose

1. The blank templates provide a *Top*, *Side*, *Back*, and *Front View*.
2. These 4 *Views* can be used together to achieve complex 3-dimensional designs.
3. Most cars are cut using just the *Side View*, as in the PinewoodTemplates.pdf

Use

1. When using a blank template be conscientious of the <bottom> registration on the template for each of the *Side*, *Back*, and *Front View*. The <bottom> registration will align to the bottom of the wooden block to preserve the axle grooves. The only reason to create your own <bottom> registration on the template is if you will be creating your own axle grooves in the wood block.
2. Whether you draw your own design using a blank template, or use a predefined template, you will need to cut the template out removing the waste. If you did create your own <bottom> registration marks, do not cut this portion of the template at this time.
3. Then place the template onto the BSA Pinewood Derby block using the <bottom>, <left>, or <right> registration marks based on the *View* being transferred to the wood block.
4. The typical cut sequence is:
 - *Side View*
 - Custom <bottom> registration from *Side View*(optional)
 - *Top View*
 - *Back View*
 - *Front View*