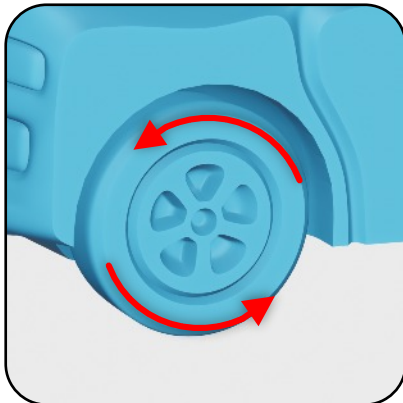
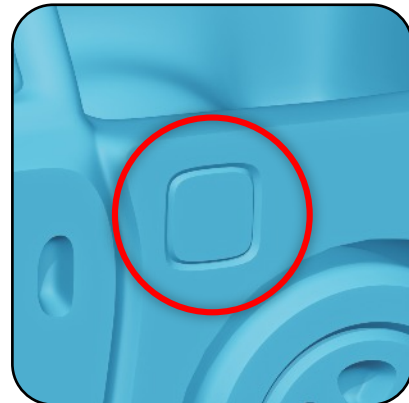


#3DTrenchy

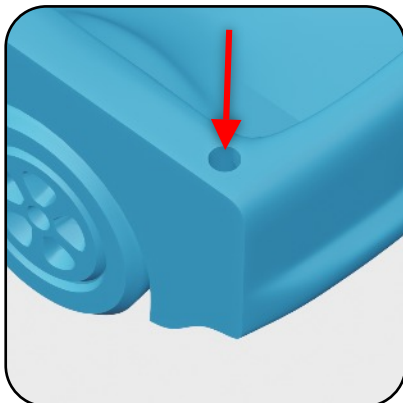
Features



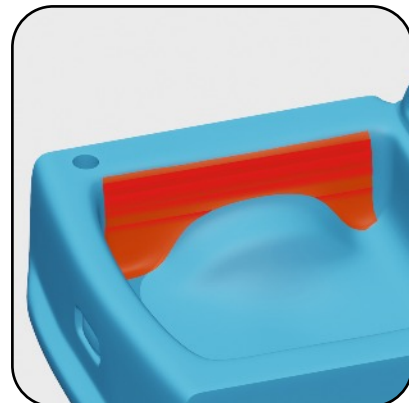
The function of wheel spinning creates a self proof. It demonstrates the fidelity of the print, by virtue of actually working. It's also charming to have a model that has a function after it's intended use.



This gas cap marks the side touching the print bed. It also demonstrates the flattening of gutters that can occur on the first few layers.



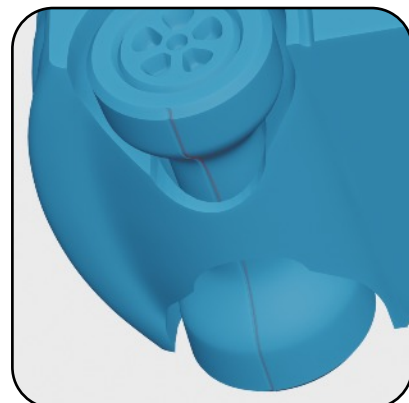
A 2mm gap on the rear bed-side of the truck bed allows for a 1.8mm flag pole to be inserted. This should test tolerances and circular precision. It's also very cute!



Located on the rear, print bed-side of the truck bed, layer stepping can be observed.



Z-Symmetry is tested thoroughly as the truck prints at a 90 degree angle. Lateral symmetry (side-to-side) is expressed in the repetition of wheels across the X-Axis.

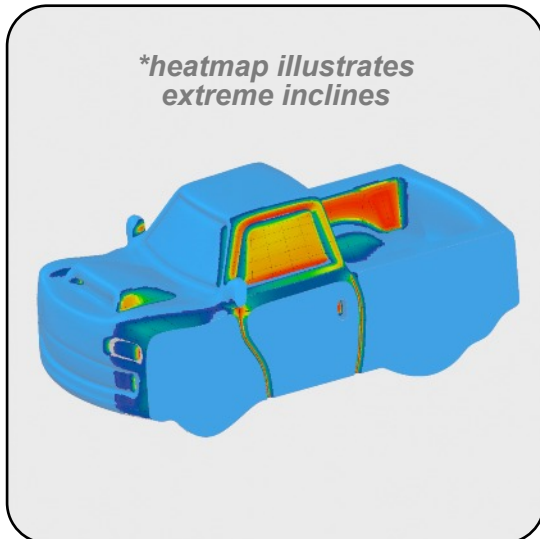


With a circular profile, the Z-Seam has nowhere to hide. If you look closely, you'll see the stitch line that spans the length of the wheel axle. Identifying WHERE the seam lies could be the first step to minimizing it's footprint.

Areas of Stress



Angled Inclines



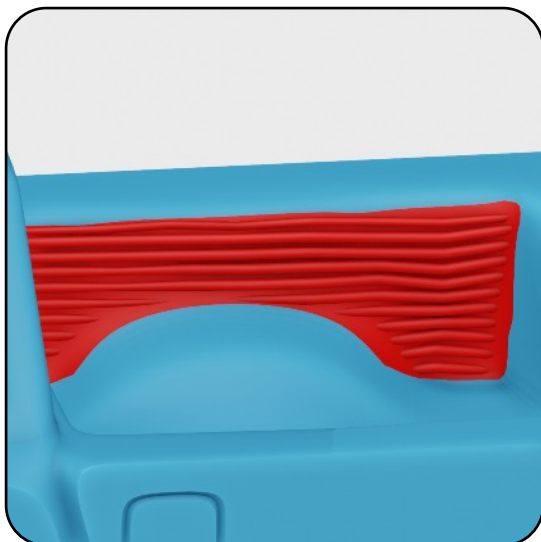
Angled inclines have received a new difficulty update. The angle of the cabin sits at a continuous 30 Degrees of incline. This should be harder on the first half of the model, as it ascends outward from the existing layers.

Horizontal Circularity



Circles do not like being incrementally subdivided. This test is performed using the cut-away's of the wheel mechanism. Usually this only results in visual artifacts, however, this area can be the make-or-break of your Trenchy's post print functionality.

Bridging



A small area of the upper truck bed is dedicated to bridging. Most prints will show artifacts in this area. This will usually create visual issues, but won't generally impede truck function.

Multiple Islands



Having multiple islands can create a challenge for the early layers. This is used to test the limits of bed adhesion. These islands must also stay fixed for the entire print duration.

#3DTrenchy

Measurements



Note: 3 of the 4 designated measurements are possible without printing the entire **#3DTrenchy**. The flag alone should suffice in many scenarios. I personally don't mind if derivative models change these measurements, as creativity trumps convention. I really hope you enjoy this model and choose to share or modify it as you please. Thanks for considering **#3DTrenchy** as your benchmark of choice. CJ

