

TOY LOGGING TRUCK

CONSTRUCTION MANUAL



DESIGNED BY: CORBEN33

NEEDED MATERIALS

PRINTED MATERIALS

- 1. (1) TRUCK BODY**
- 2. (6) TRUCK WHEELS**
- 3. (6) TRUCK AXELS**
- 4. (6) TRUCK BLOCKS**

RECOMMENDED TOOLS

- 1. ROUND FILE OR SANDPAPER**
- 2. SMALL HAMMER OR SCREWDRIVER**
- 3. SUPER GLUE**

STEP 1

WHEEL & AXEL CONSTRUCTION



1. Print out six truck axel halves. I printed mine out using a concentric fill pattern and at 25% fill.



2. Insert one axel half into a wheel. If you would like, you can also super glue your axel in place as well but with the ones I have printed this was not needed. Everything fit together tightly.

STEP 1 (CONT.)

WHEEL & AXEL CONSTRUCTION



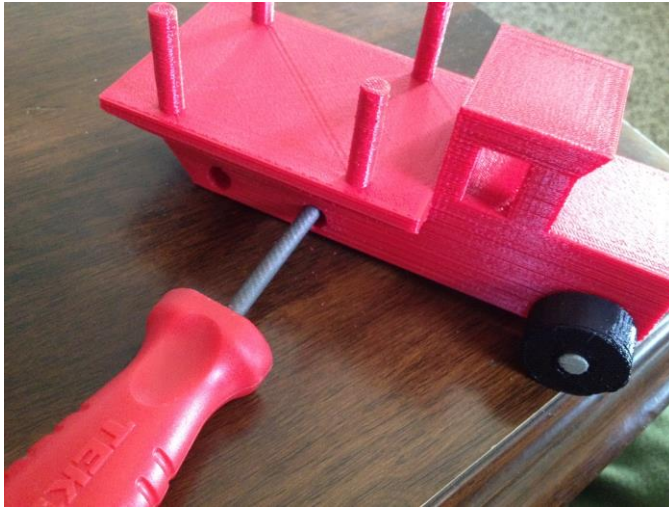
3. Insert the other axel half. This should be a tight fit, so you may need to use a small hammer to get the axel to go all the way into the wheel. I used a screwdriver handle for mine. Again you may want to use super glue to hold everything together but I did not need to.



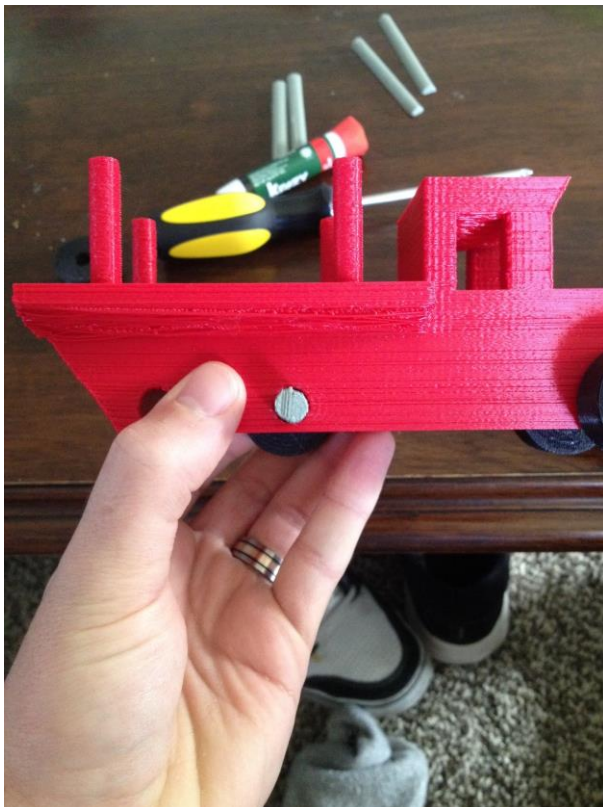
4. Your wheel and axels should look like this. Some trimming and sanding may be needed.

STEP 2

WHEEL & AXEL INSERTION



5. Use a round file to clean up the axel holes. This step may not be needed depending on how precise your printer is. If you don't have a round file you can also roll up sandpaper and it seems to work just as well.



6. Insert the axel with one wheel into the axel hole. Spin the axel to make sure it moves freely. If it gets hung up more filing or sanding will be needed. Once this is complete, insert the axel into another wheel. You may need to help it along with a small hammer.

STEP 3

LOG PLACEMENT & PLAY TIME!



7. Make sure your six blocks or “logs” stack together nicely.



8. Place your blocks or “logs” in the back of the truck to make sure that they fit nicely. Now you are ready to play! Make sure to check out this truck in action on Thingiverse!