

# Workbench Truck Instructions

## Plastic Wheels



### Kit Contents:

2 x 3D printed truck sides  
1 x 3D printed lower bar  
1 x 3D printed drawer  
1 x 3D printed coupler  
4 x 3D printed wheels  
2 x 0.6mm brass "U-bolts"  
2 x 40mm steel 3mm axles



### Tools required:

Needle nose pliers  
Wire snips  
Modelling file  
Super glue (or equivalent)

### Notes:

**Read through all the instructions before starting.**

Trial fitting of all parts is advised before painting or gluing anything together.

We advise painting parts before assembling.

### Step 1: Coupler (Optional)

This step could be done after assembling the truck but is much easier to do now.

Test that the brass ends will fit into the holes on the coupler. This can be done away from the lower bar. If the holes require widening, they shouldn't need to be more than 0.8mm diameter.

Once happy with the fit. Glue the coupler to the centre point of the lower bar and the U-bolts through the holes in the coupler.

Once the glue is dry, snip the ends of the brass bar to shorten the ends of the U-bolts.



## Step 2: Assemble the truck frame

This is best done in one step to ensure the frame stays square.

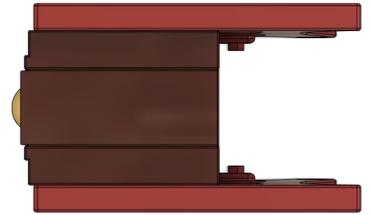
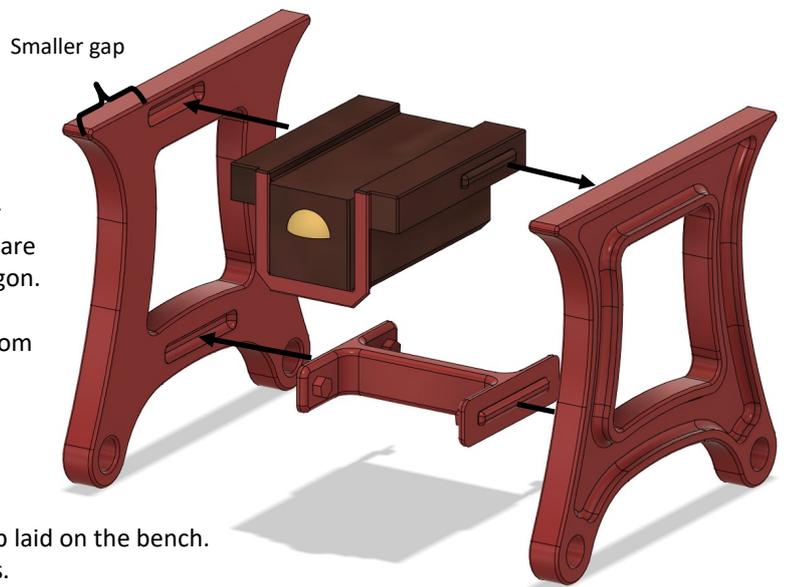
The frames have indents which line up with tabs on the drawer frame and lower bar. The indents at the top of the frame sides are not centred, the indent should be closer to the front of the wagon.

If lined up correctly the drawer front should slightly stick out from the wagon sides.

If you have fitted the coupler to the lower bar already, we advise having the coupler facing away from the drawer front.

You may find this easier to do upside down with the drawer top laid on the bench. The top of the drawer should be level with the wagon side tops.

**It is strongly advised to test fit the parts to ensure the tabs will fully seat into the indents.**



## Step 3: Fit the wheels

Test fit the wheels onto the axles, the holes may require widening slightly for a tight fit.

Slide the axle through both wagon sides.

Push the wheels on to the axles now sticking out from the wagon. The wheels should be almost rubbing on the wagon sides when gauged correctly.

## Step 4: Finishing Touches

The truck this is based on has wooden planks as a top surface. We haven't included any wood to make these so that each truck will be unique. So add your choice of bench top before gluing your SLR Models Large Bench Vice on and you have a workbench truck.

The coupler is designed to be used with a brass bar and pin of your own creation.

