

## 2WD Tractor Tires

Each Jensen Diecast 2WD tractor tire set is sold as unpainted pairs. The tires and rims are both made of a 3D printed plastic. These parts have been cleaned to our specifications for spray painting, so no further cleaning should be necessary for painting purposes. (Please note that parts ordered directly from shapeways.com will require cleaning for paint). All Jensen Diecast 2WD tractor tire sets are designed to accept a 1/16" axle. These wheels will work with Jensen Diecast manufactured axle kits with no modifications. If the end user is not using Jensen Diecast manufactured axle kits, then special modifications to either the rim or axle may be necessary.

### Instructions

#### Prerequisites:

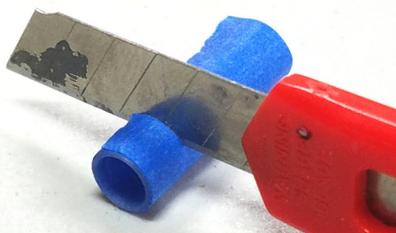
- Desired Paint
- 17/64" Drill Bit
- 1/16" Drill Bit
- Painters Tape (Optional)
- Utility Knife (Optional)

It is recommended to paint the tire and rim separately and then assemble the two pieces. Please note that the rim and tire are designed with little tolerance. This means that the rim will fit very tightly into the tire, so it is important to prevent excessive buildup of paint on the inside of the tire and outside of the rim.

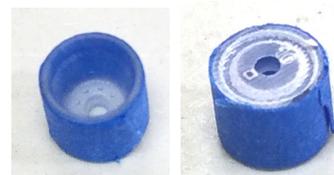
If spray painting the rim with multiple coats or using a thick paint, it is recommended to tape off the outside edge of the rim prior to paint. This will allow the rim to be pressed into the tire easier and help prevent the chance of the tire breaking from too much pressure. (Please note that this process is not always necessary, but is recommended for thick coats of paint.)



Wrap painters tape around the rim.



Use a utility knife to cut off the excess tape



These rims are ready for paint

After painting the tires, use a 17/64" drill bit to ream the inside of the tire. This will remove excess paint and smooth the bore of the tire.



After painting the rims, use a 1/16" drill bit to ream the axle bearing of the rim. This will allow easier mounting to the axle and help prevent damage to the rim or axle mount.



After reaming the inside of the tire, it is time to press the rim into the tire. Insert the rim from the back side of the tire, this will hide potential paint scrapes since they will be on the non-exposed side of the tire. Inserting the rim should require light to medium pressure, too much pressure can damage the sidewall of the tire. If the rim does not fit with light to medium pressure, continue to ream the inside of the tire or sand/file the outside of the rim.



The flat side of the 17/64 drill bit works well for a press as it is the same diameter as the rim.