Tire Installation

1) <u>Lightly inflate the tube</u>
   Inflate the tube just enough to give it some shape, but make sure the inflated tube is not bigger than the tire.

2) <u>Talc the tire and tube</u>
   To reduce friction between the tire and tube, pour some talc into the tire and slowly rotate the tire to coat the entire inside. Pour some talc into your hand as well, then spread it over the tube itself.

3) <u>Tuck the tube into the tire</u>
   Lay the tire flat on a clean workbench, then tuck the tube into place inside the tire. Make sure the tube isn't twisted or folded.

4) <u>Install the first side of the tire</u>
   Insert the tube's valve stem into rim's valve hole, then fit one side of the tire onto the wheel.

5) <u>Install the second side of the tire</u>
   Starting at the valve and working away from it in both directions, push the second side of the tire onto the wheel. The last part of the tire installed onto the rim should be opposite the valve.

6) <u>Tips for tight tires</u>
   - Release all of the air from the tube.
   - Rest part of the wheel on the edge of a workbench, positioning the edge of the workbench halfway between the hub and rim. Then, use the thumb of one hand and palm of the other hand to push the bead of the tire over the rim.
   - If the tire is still tight, place the wheel vertically on the floor in front of you with the valve farthest away from the ground. Grab the tire with one hand on each side of the valve, then wiggle any slack towards the part of the tire that isn't pushed onto the rim yet.

7) <u>Lightly inflate the tire</u>
   After making sure the valve is straight, inflate the tire to 20-30 psi. Then, spin the wheel and make sure there aren't any sections of the tire that are unseated. If there are unseated sections of the tire, address them before proceeding to avoid the tube exploding.

8) <u>Deflate the tire, then fully inflate it</u>
   Deflate the tire to give the tube the chance to get situated, then inflate the tire to 10 psi below the recommended maximum. Finally, make sure the tire is properly seated, then close and/or cap the valve.

Tube

Tire

Thin layer of talc

Tire   Unseated
              section of tire   Wheel Rim