

Step 5: CREATING & SECURING THE LOCK NUTS (using 2 1/2" wrenches)

- To create the LOCK NUT, simply rotate two hex nuts onto each other.
- You will essentially be rotating one hex nut to the right and the other to the left.
- It is important that after the lock nuts are tightened there is enough room for the wheels to rotate freely, but not so much room that they wobble.

Step 6: TROUBLESHOOTING

The following are common problems:

- **RACE CAR RUBS ON THE GROUND:** If the pumpkin hangs too low and is rubbing on the ground, you may need to shave some off. Bumps and imperfections in the road may also cause a pumpkin to hit the ground as it races. Make sure you have good clearance.
- **RACE CAR RUNS SLOW OR DOES NOT MOVE:** Check to make sure all wheels are spinning freely and not wobbling.
- **RACE CAR VEERS OFF COURSE:** Your Race Car may tend to veer either left or right. This is comparable to a person on a skateboard.

GOOD LUCK!

