



## **13 Spoke Mag Conversion Install Instructions**

1. (For 00-05 Sealed Bearing Wheels ONLY other wheels skip to step 2) Drill out the center axle hole to just over 1.25 inch. The supplied crush tube should spin and jiggle freely in the hub. If its tight or does not jiggle a when moved, open the hole further. You can do this with a reamer or a stepped drill bit with cutting oil. Move to Step 2.
2. Install your wheel bearing flush with the outer hub lip, followed by the crush sleeve. Then install the secondary bearing on the opposite side. We use Anti-Sieze on the outer diameter of the bearing. Install till flush with hub lip. Once each bearing is in, evenly seat each bearing against the inner crush sleeve. (Both bearings should contact the sleeve and there should be no more movement of the crush sleeve.
3. Install front wheel with two equal size sleeves and tighten your axle.
4. Install two caliper spacers between the caliper (don't forget to re set your brake pistons) and brake mount on the lower leg. Our kit comes with two spacers. Spin front wheels and pump brakes to set pads. (Due to casting differences you may need to use supplied shims to achieve centered calipers that hit the spokes.)
5. For rear larger sleeve goes on the pulley side and smaller goes on the brake disc side (use stock outer caliper spacer). Tighten Axle.

### **FAQs-**

**Q: Front wheel doesn't spin when tightening axle?**

**A: Either the bearing isn't seated against the crush tube, or you didn't make the inner sleeve hole large enough and its binding.**

**Q: Clicking sound coming from the wheel?**

**A: Usually means that the bearing cup is oveled. You will need to purchase new bearings and wheel. Theres really only 3 reasons these wheels are off a bike.. Damaged on previous bike, Bike was crashed, or best case old owner changed his wheels to aftermarket, so make sure you use caution when purchasing wheels online.**

**Q: What size tires work best?**

**A: 100/90-19 Front 150/80-16 Rear. Some Companies offer a 160-16 that can also usually fit your wheel.**

**Any other questions email us at [tmfcycles@gmail.com](mailto:tmfcycles@gmail.com)**