

MBS TWISTAR CONCEPT

The MBS TWISTAR HUB is a proprietary hardwareless hub design that assembles in three easy steps - 1. ALIGN 2. MATE 3. TWIST TO LOCK



!!! IMPORTANT SAFETY INFORMATION !!!

DANGER! FAILURE TO OBEY ANY OF THE FOLLOWING INSTRUCTIONS WILL CAUSE THE TWISTAR HUBS TO EXPLODE WHEN UNDER PRESSURE!

- ONLY USE 200X50 SIZE TIRES AND TUBES WITH TWISTAR HUBS!
- ALWAYS CHECK THAT TWISTAR HUBS ARE "LOCKED" BEFORE INFLATING!
- DO NOT INFLATE OVER 50 PSI! RECOMMENDED PRESSURE 35 PSI.
- ALWAYS CHECK THAT TWISTAR HUBS ARE "LOCKED" BEFORE REMOVING WHEEL FROM AXLE! MBS RECOMMENDS DEFLATING TIRES BEFORE REMOVING WHEELS FROM AXLES.
- COMPLETELY DEFLATE TIRE BEFORE UNLOCKING TWISTAR HUB.
- IF WHEEL IS NOT SPINNING PROPERLY (SPINNING SLOW, OR NOT AT ALL) IT MAY BE DUE TO THE HUB BECOMING UNLOCKED WHILE ON THE AXLE. DO NOT LOOSEN THE AXLE NUT! DOING SO MAY CAUSE THE HUB TO EXPLODE. DEFLATE YOUR TIRE FIRST. THEN INSPECT TO FIND THE PROBLEM.
- NEVER APPLY ANY LUBRICANT TO THE HUB, TIRE, OR TUBE. THE TWISTAR HUB DEPENDS ON FRICTION BETWEEN THE TIRE AND THE HUB TO FORM A PROPER LOCK.

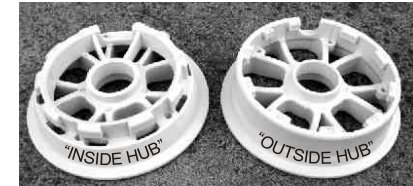
MBS TWISTAR ASSEMBLY INSTRUCTIONS

IMPORTANT! - READ SAFETY INFORMATION FIRST!

1. Identify parts.
 - "Outside Hub" (pictured) - 200x50 Tire
 - "Inside Hub" (pictured) - 200x50 Tube
2. Insert tube into tire.
Tip: make sure tube is completely deflated.
3. Place tire/tube on "Outside Hub".
Note: Valve stem must fit in valve stem hole.

Note: For outward facing valve stems, point valve stem downward in this step (as pictured). For inward facing valve stems, point valve stem upward in this step.
4. Insert the "Inside Hub" into "Outside Hub".
Note: You will need to align the valve stem hole with the valve stem.

Note: The valve stem hole in the "Inside Hub" is extra wide to allow room for the valve stem when the hub is twisted.



5. "Lock" the hub assembly by twisting the "Inside Hub" clockwise until the spokes are aligned with those of the "Outside Hub".
Tip: If you have any difficulty locking the hub, stand on the tire to hold the "Outside Hub" in place while you twist the "Inside Hub" with two hands.



UNLOCKED (SPOKES NOT ALIGNED) **LOCKED** (SPOKES ARE ALIGNED)

6. Insert bearings.
7. Inflate to 35psi.
Danger! Never exceed 50psi.
8. Slide wheel onto axle.
Note: For maximum strength, MBS rim logo(s) need to face outward (as pictured).
9. Tighten axle nut all the way down. Loosen one quarter turn so wheel spins freely. Important: At least one thread should show beyond the end of the nut!



DISASSEMBLY

1. Deflate tire completely. Tip: squeeze the tire to remove as much air as possible.
2. Push tire away from the edge of the rim as much as possible (both sides). This will release the friction lock.
3. Twist "Inside Hub" counterclockwise to unlock. Pull apart.

