REPLACING THE FRONT RIM ON THE COSMIC CARBONE SLR WHEEL

Tools needed

- Spoke wrench M40001
- R2R 101 295 01 spoke head wrench
- Mavic tensiometer 995 643 01 + tension-reading conversion chart supplied

Colored dots are stuck to the metal plates in the center of the spokes. These dots must always be visible when the spokes are assembled.

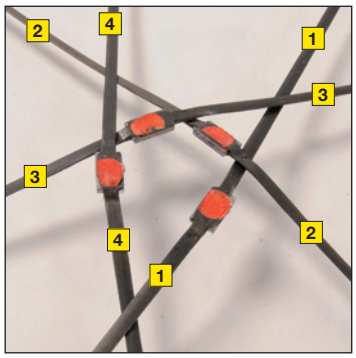
- The red dots mark the front spokes.

CAUTION: tightening a spoke nipple affects the two half-spokes. When tensioning, one turn of the spoke nipple to tension the spoke is the equivalent of two turns on a normal wheel.

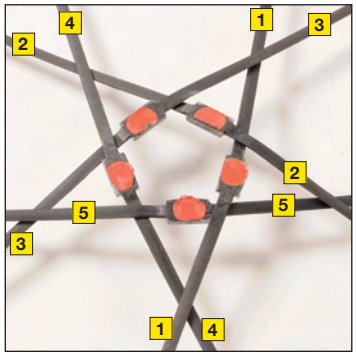
With the valve hole near you, screw a spoke in the first hole to the right of the valve hole and its other end in the eleventh hole when counting clockwise.

Fit the second spoke in the fifth hole to the right of the valve hole, counting counter-clockwise. The other end of this spoke is inserted in the fifteenth hole.

Fit the third spoke in the ninth hole to the right of the valve hole, counting counter-clockwise. The other end of this spoke is inserted in the nineteenth hole.



The fourth spoke is inserted in the thirteenth hole and must pass above the second and third spokes then underneath the first. Its other end is inserted in the third hole.



The fifth spoke is inserted in the seventeenth hole and must pass above the third and fourth spokes then underneath the first and second. Its other end is inserted in the seventh hole.

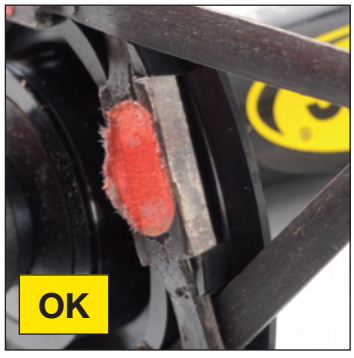
Turn the wheel over and repeat the steps above. Tighten all nipples until the threaded rods are just brushing the nipples.

Offer up the hub in the middle of the spokes and position the two hub flanges between the two layers of spokes.

Position the plates in the housing on one side of the hub then the other.

Adjust the wheel definitively by holding the spoke heads inside the carbon rim flange with holding tool 101 295 01. **This tool should be offered up via the side with the most space and must enter without forcing.**

Check that that the plates are flat against the hub body. If not, tap them lightly with a mallet to push them home.



Clip the hub caps by bending their internal diameter downwards to position the fixing tabs one by one. Check that the hub cap returns are positioned correctly above each plate.

Adjust the spoke flat alignment by turning the nipples gently with the spoke wrench without holding the spoke head and so that the nipple is not loosened.