

2.2. KSYRIUM ES WHEELS: REPLACING THE REAR RIM

Tools needed

- 1 spoke wrench M40652
- 1 spoke wrench for aerodynamic spokes M40567
- 1 tensiometer + tension-reading conversion chart adapted to the tensiometer used

On the non drive side, the **traction** spokes locate into the notches of the most **inside** slots of the hub.
The red spoke should be put at the free wheel side, in the 3rd hole to the right of the valve hole.

Start with the free wheel side.



Insert a 275 mm spoke (324 179 01) into a hole in the hub on the free wheel side from the inside of the flange. **You must select a hole marked by a raised bump.**



Tighten the nipple of this spoke 2 turns into the **1st hole to the right of the valve hole** (hole near to the raised bumps).
Repeat these 2 operations for all the spokes on the free wheel side (1 hole in 2 in the rim).



Tighten the nipple of the 298.5 mm spokes (324 180 01) 2 turns into the remaining holes of the rim.

As the holes in the rim are orientated, the fitted spokes are naturally positioned in the right direction.



Now insert the spoke heads into the slots in the hub.

Tighten each nipple uniformly in the rim (1/2 turn of the spoke wrench for each spoke and per wheel rotation) to tension the wheel.
Set the final tension and center the wheel(130 to 160 kg for spokes on the free wheel side).