

WHEEL BUILDING

REPLACING A SPOKE OR FRONT RIM ON THE AKSIUM 08, KSYRIUM EQUIPE 08 AND CROSSRIDE UB WHEELS

Tools needed

- 1 spoke wrench
- 1 spoke wrench for aerodynamic spokes M40567
- Mavic tensiometer 995 643 01 + tension-reading conversion chart supplied

The reference and length of spokes to be used are given in the product pages (pages 5 to 20).

The hub is in 3 parts (2 flanges + central tube). These 3 parts are not fixed to each other.

If no spokes have been fitted (bare hub), it is possible that the 2 flanges have pivoted with respect to each other. Once the spokes have been fitted and are under traction, the hub parts will automatically go back to their correct position.



Prepare the spokes by screwing a nipple 3 turns onto each, and then thread the spokes, head first, into every other hole of the rim, from the outside.



Introduce the head of each spoke into the receiving positions on one of the hub's flanges:

- from the outside of the flange for the Aksium 08 and Crossride UB,
- from the inside of the flange for the Ksyrium Equipe 08.



Clip the hub cap to the flange (Aksium 08 and Crossride UB only).

Repeat these operations for the spokes on the other side;



Screw each nipple uniformly (1 turn of the spoke wrench for each spoke and for each turn of the wheel) to tension the wheel, checking the heads are correctly positioned in the groove of the hub to ensure a spoke does not become unhooked and to prevent the hub from breaking.

Set the final tension and center the wheel respecting the spoke tensions given in the product pages (pages 5 and 20).

Self Lock spokes are used for the Crossride UB wheel: their threaded part is curved to increase frictional torque with the nipple. The nipples are therefore not of the ABS type, but thread lock is not needed.

As ABS nipples are used for the Aksium 08 and Ksyrium Equipe 08 wheels, thread lock is not needed.