

REPLACING THE REAR RIM ON AKSIUM 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).

These wheels must be built as follows:

- Spokes fitted radially on the non-drive side and crossed 2 on the drive side.
- Drive side, the traction spokes must be fitted into the slots' external slits and the non-traction spokes into the slots' internal slits.

The hub is in 2 parts (flanges on non-drive side + tube - slots – hub nose).

If no spokes have been fitted (bare hub), it is possible that the 2 flanges pivot 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 spoke;

Start on the non-drive side (shorter spokes);



With the valve hole near you, thread a spoke, head first, into the first hole to the right of the valve hole, and continue every 1 hole in 2.



Introduce the head of each spoke into the receiving positions on the hub's flange, on the non-drive side, from the outside of the flange.



Clip the hub cap to the flange.

Turn the wheel over and introduce the remaining spokes (the longer ones) into the remaining holes in the rim.



The first spoke to the right of the valve hole is a non-traction spoke: insert it into an inside notch of the hub and repeat this 1 spoke out of 4.



The 3rd spoke to the right of the valve hole is a traction spoke: insert it into an outside notch of the hub and repeat this for all the remaining spokes.



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 on the non-drive side 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 to 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 wheel, thread lock is not needed.