

WHEEL BUILDING

REPLACING THE REAR RIM OF THE AKSIUM 10 WHEEL

Tools needed:

- Spoke wrench
- Aerodynamic spoke wrench M40567
- Mavic tensiometer 995 643 01 + tension-reading conversion chart supplied

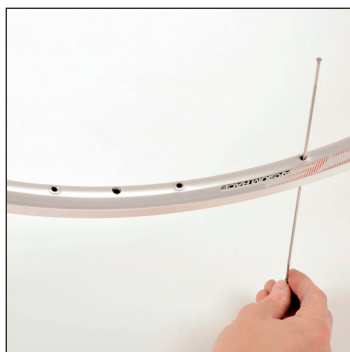
The spoke reference and length to be used are indicated in the product pages.

These wheels must be fitted as follows:

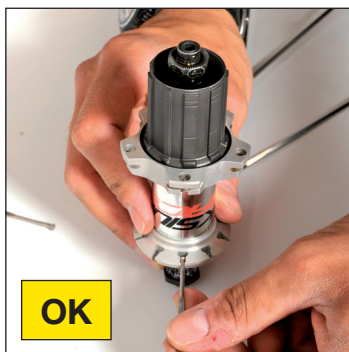
- The spokes are fitted radially on the non-drive side and in a 2-cross pattern on the drive side.
- Free wheel facing you: The driving spokes pass over the non-driving spokes, along their full length.

Prepare the spokes by screwing a nipple onto each spoke 3 turns.

Start with the non-drive side (shortest spokes).



With the valve hole near you, insert a spoke head first into the second hole to the right of the valve hole, then continue with every second hole.



The first spoke on the non-drive side must be placed in a notch located opposite a notch on the drive side.



Insert each spoke head into the housings of the non-drive hub, from the outside of the flange.



Clip the hub cap on the hub flange. (This will help you to keep the spokes in place during this operation)

Drive side, start building the wheel with the non-drive spokes.



Turn the wheel over, then insert the remaining spokes (the longer ones) into the hub's remaining holes.



The 2nd spoke to the right of the valve hole is a non-traction spoke and will be on the inside: Insert it into the slot of the hub notch and do the same for every fourth spoke.



The 4th spoke to the right of the valve hole is a traction spoke and will be on the outside: Insert it into the slot of the hub notch and do the same for all the remaining spokes.



Screw each of the nipples uniformly (1 spoke wrench turn for each spoke and per wheel turn) to tension the wheel, **while checking the proper position of their head in the bottom of the hub groove** to prevent spoke displacement or hub breakage.

Check that all the non-traction spokes are located on the inside of the layer and that the traction spokes are on the outside.

Tension the wheel and center it definitively respecting the spoke tension indicated on the product pages (page 08).

No threadlock is necessary since the spoke nipples of the rear Aksium 10 wheel are ABS.