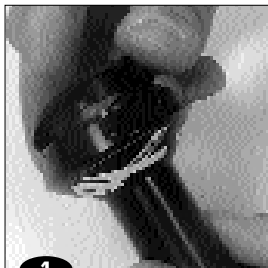


### 3.2.2.2. Replacing the front rim

#### Tools needed:

- 1 spoke wrench alu M40494 or M40652
- 1 aerodynamic spoke maintenance wrench M40567
- 1 tensiometer + tension-reading conversion chart adapted to the tensiometer used.

- 1** Disassemble the axle as described in procedure 1.1. and remove the spoke retention plates.
- 2** Tighten a spoke in every threaded rim hole (1 turn);
- 3** Put the spokes in the hub by pivoting them around themselves until they can't turn anymore.
- 4** Mount the spoke retention plates and the hub axle as described in procedure 1.1.
- 5** Tighten every spoke evenly (1/2 turn for every spoke on the wheel) to put tension on the wheel.
- 6** Adjust the definitive tension and centering of the wheel (120 - 130 kg on the front wheel).



**CAUTION** : manipulating the integrated nipples greatly affects the spoke tension and consequently the wheel adjustment.  
In the final phase of adjusting the tension, 1/4 turn of the nipple corresponds to about 0.3 mm of lateral rim movement.