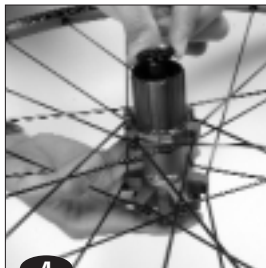


2.1.1. REAR AXLE ON THE SPEEDCITY™ WHEEL

Tools needed:

- 1 x 5 mm Allen wrench
- 1 x 16 mm flat wrench
- 1 hub wrench M40123

- 1** Loosen the free play adjustment nut one turn using the hub wrench M40123 while holding the other end of the axle with the 5 mm Allen wrench, to avoid damaging the bearings when mounting the axle again.
- 2** Insert the 5 mm Allen wrench in the axle on the opposite side of the free wheel and the 16 mm flat wrench on the nut on the free wheel side.
- 3** Loosen the nut on the free wheel side and remove the axle.
- 4** Replace the axle, put the washer on, and then the joint ring. Tighten the nut with the 16 mm flat wrench, while holding the axle with the 5 mm Allen wrench opposite the free wheel side (torque 6 - 8 Nm) ;
- 5** Mount the wheel on the frame, tighten the quick release skewer, and adjust the bearing free play with the hub wrench M40123.



NB : If you do not wish to separate the adjustment nut from the axle, unclip the axle end screw, remove the adjustment wedges and the support washer, hold the axle with the 5 mm Allen wrench, and loosen the adjustment nut using the hub wrench M40123. Follow the same procedure for mounting again by tightening it only one turn: finish tightening it when adjusting the bearing free play (wheel in the frame).

Modification of the axle offset to align the brake disc with its caliper

Originally, 2 ten millimeter adjustment wedges are mounted on the axle, opposite the free wheel side, between the fork support and support washer (parts M40712 described on page 8). To make sure the brake disc is perfectly aligned with the caliper attached to the frame, it could be useful to remove or add 1 or 2 adjustment wedges, removing the fork support beforehand.

This offset adjustment is only made possible (and eventually useful) by the design of this particular hub and the parts used for this.