

PROCEDURE 6

Complete front axle

- M40052 for the COSMIC® EXPERT, COSMIC® EQUIPE, COSMIC® PRO, COSMIC® CARBONE and CLASSICS PRO wheels.
- M40180 (Ø 20 mm) or M40171 (Ø 9 mm) for the DEEMAX wheels.

TOOLS NEEDED :

- Two 5 mm Allen wrenches.
- One 4 mm Allen wrench./• 1 hub wrench M40123.
- One 17 mm flat wrench./• One 26 mm flat wrench.

FIRST OPERATION :

- For the DEEMAX wheel, remove the wheel from the fork and :
 - disassemble the adapter (see page 59).
 - the Ø 9 mm axle by removing the nut M40174, if necessary.

Replacing the axle :

- 1 Loosen the adjustment nut M40053/M40054/M40172/M40242 with the hub wrench M40123 and :
 - a 5 mm Allen wrench inserted in the axle (for the above wheels except for the DEEMAX wheel).
 - a 26 mm flat wrench on the 20 mm flat surface of the axle (for the DEEMAX wheel only).
 - a 17 mm flat wrench on the 9 mm flat surface of the axle (for the DEEMAX wheel only).
- 2 Remove the fork support M40063 if necessary and then the bearing adjuster plate M40053/M40054/M40172/M40242 by loosening it.
- 3 Remove the axle M40052/M40180/M40171 and remove the locking disk M40055/M40056/M40243 and the second fork support M40063 if necessary.
- 4 Replace the axle M40052/M40180/M40171 (replace the lip seal M40163) and mount the locking disk M40055/M40056/M40243 and the fork support M40063 if necessary.
- 5 Mount this unit in the hub by tightening the bearing adjuster plate M40053/M40054/M40172/M40242 (mounting in reverse order)
 - 1 Mount the second fork support M40063 if necessary.
- 6 Adjust the bearing free play (to be done with the wheel mounted on the bike) if necessary : the adjuster nut contacts the external face of the bearing M40053/M40054/M40172/M40242 when using hub wrench M40123. Repeat this operation if the adjustment doesn't seem to be optimum.

For adjusting the free play (see point 6 above).

