

## PROCEDURE 7

Complete rear axle M40044/M40046/M40143/M40176/M40205/M40237 - M40241.

### TOOLS NEEDED :

- Two 5 mm Allen wrenches.
- One 4 mm Allen wrench./• 1 hub wrench M40123.
- Two 17 mm flat wrenches for the DEEMAX wheel only.

### FIRST OPERATION :

- For most wheels, disassemble the skewer.
- For the CROSSMAX DISC and DEEMAX wheel, first disassemble the adapter (see page 59).

### Replacing the axle :

- 1** Loosen the axle end screw 40064/M40143/M40148/M40205/M40237 - M40241 with the two 5 mm Allen wrenches or M40175 with the two 17 mm flat wrenches (for the DEEMAX wheel only).
- 2** Remove the axle.
  - 2.1** Use the axle end screw to remove the axle on the opposite side of the free wheel (except for the DEEMAX wheel).
  - 2.2** Remove the nipple M40177, and then the axle end screw M40175 to remove the axle on the opposite side of the free wheel (for the DEEMAX wheel only).
- 3** Replace the complete axle. For the axle M40176 (DEEMAX wheel), replace the lip seal M40163 beforehand.
- 4** Mounting the axle.
  - 4.1** Screw the axle sub-unit on with the axle end screw : torque 6 - 8 N.m (except for the DEEMAX wheel).
  - 4.2** Screw the nipple M40177 with the axle end screw M40175 : torque 6 - 8 N.m (for the DEEMAX wheel only).
- 5** Adjust the bearing free play (to be done with the wheel mounted on the bike) if necessary : The adjuster brake nut contacts the external face of the bearing when using hub wrench M40123. Repeat this operation if the adjustment doesn't seem to be optimum.

*For adjusting the free play (see point 5 above).*

