

FREE WHEEL BODY FTS KIT CROSSMAX® UST®, KSYRIUM® SSC® AND COSMIC® CARBONE SSC®.

TOOLS NEEDED

- 2 x 5 mm Allen wrenches.
- 1 x 10 mm Allen wrench.
- 1 hub wrench M40123.
- Mavic mineral oil M40122.

Replacing the axle :

1 Disassemble the axle kit (see pages 11 - 12).

2 Remove the axle end screw.

3 Remove the free wheel body FTS kit :

3.1 Pull on the free wheel body FTS kit in the hub axle towards the exterior until it becomes blocked (about 4 mm).

3.2 Turn the free wheel body FTS kit in the free wheel side and pull it carefully in the hub axle.

CAUTION : THE FREE WHEEL PAWL ASSEMBLY IS NO LONGER SUPPORTED AND CAN THEREFORE JUMP UNDER THE EFFECT OF THE PAWL SPRINGS. YOU NEED TO HOLD THIS PAWL ASSEMBLY WITH YOUR HAND.

- 4 Remove the pawl assembly and the springs, clean them thoroughly. Replace the free wheel body FTS kit.
- 5 Lubricate the interior of the free wheel body FTS kit in the cog area (20 - 30 drops of mineral Mavic oil M40122).
- 6 Install the pawl assembly :
 - 6.1 Place the springs in their socket.
 - 6.2 Place the pawl assembly in their housing with the centering stud on the spring side. First put the rounded side in contact with the axle then pivot the pawl assembly.
- 7 Install the free wheel body FTS kit :
 - 7.1 Make sure the spacing washer M40067 is placed inside the free wheel body FTS kit.

CAUTION : THE ABSENCE OF THIS SPACING WASHER PREVENTS THE FREE WHEEL FROM FUNCTIONING PROPERLY.

- 7.2 Install the free wheel body FTS kit holding the pawl assembly in your hand in the low position (compressing the springs).
 - 7.3 Install the axle kit (see pages 11 - 12). **Torque : 6 - 8 Nm.**
- 8 Adjust the bearing free play (install the wheel on the frame and put the bike down on the floor) : the adjuster nut contacts the external side of the bearing with the hub wrench. Repeat this operation if the adjustment doesn't seem to be optimum

For lubrication : frequency 1 - 2 times per season or when the free wheel body FTS kit becomes noisy.
Follow points 1 - 3 included of the previous procedure.

- 4 Remove the pawl assembly and the springs, clean them thoroughly. Follow points 5 - 8 that are included in the previous procedure.

