

WHAT YOU NEED TO KNOW ABOUT THE NEW MAVIC HUBS : THE EXPANDABLE BEARING SUPPORT AXLE

In 2004, Mavic has applied its high-end FTS-L free wheel body concept to the entire wheel range (except Speedcity) by developing a new axle system called "expandable bearing support axle".

This new axle has been applied to the Cosmos, Ksyrium Equipe, Crossland, Crossmax Enduro and Crossmax Enduro Disc wheels, on both the front and rear wheels. Therefore, the hubs on these wheels use the same mounting and removal procedures.

The special feature of these hubs lies in a specific part called the "expandable bearing support", which ensures the interface between the bearing and axle. When the axle is tightened, this support "inflates", and prevents the hub from getting loose.

Consequently, these expandable bearing supports are to be used only ONCE and must be replaced every time the axle is removed, whether the bearings are replaced or not.

A specific tool, described on page 46 and called the "multifunction tool", will help you to properly mount and adjust the axles and hubs, and also to remove and mount the UST rim tape on the Crossland wheel.