

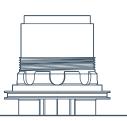
Freehub replacement manual from Sram XD and Shimano 11HG to Shimano 12HG+.

What you need: Sram XD/Shimano 11HG, 19mm socket wrench, Shimano 12HG+.

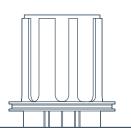
Processing time: 15 min.

Freehubs

Sram XD







New Shimano 12HG+



Damil MTB Hub

Pieces to be dismantled

01.01 Left adapter (disc side)

01.02 Freehub

01.03 Right adapter (freehub side)

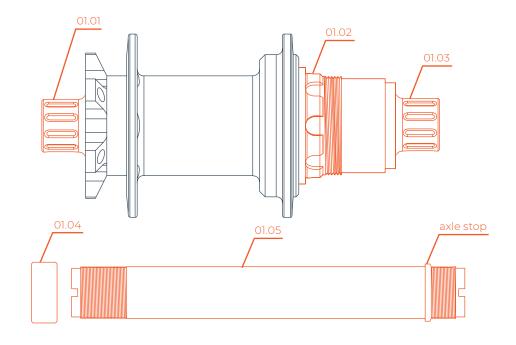
01.04 Spacer 01.05 Axle

Pieces to be replaced

01.02 Freehub

01.03 Right adapter (freehub side)

01.04 Spacer



New equipment

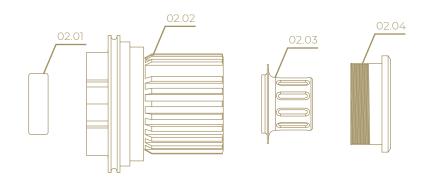
Pieces to be replaced

02.01 Spacer

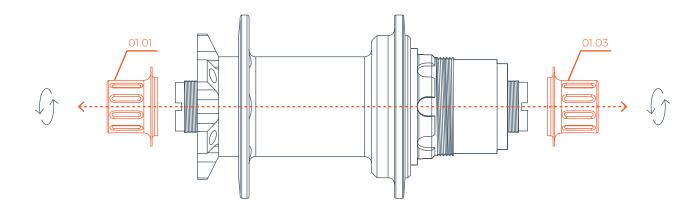
02.02 Shimano 12HG+

02.03 Right adapter (freehub side)

02.04 Ring nut

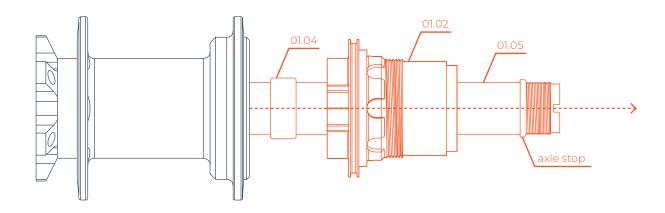


Unscrew the two adapters (01.01 - 01.03), with a 19mm diameter socket wrench from their seats. If an adapter does not unscrew, use the cut on the axle to block rotation and facilitate the loosening of the adapter.

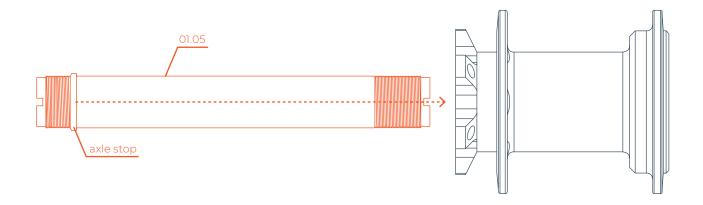


02. Remove the axle (01.05), the freehub (01.02), and the spacer (01.04), from their seats.

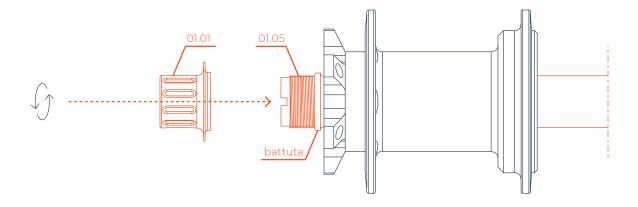
Partly store: Right adapter, freehub and spacer. These pieces will be replaced during the installation of the new freehub.



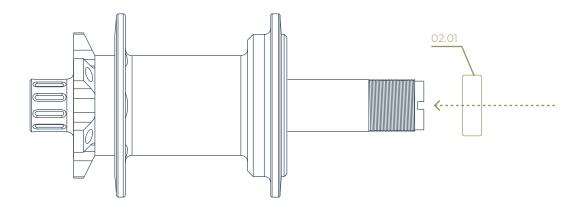
O3. Rotate the axle 180° (01.05) and insert it again inside the hub from the disc side.



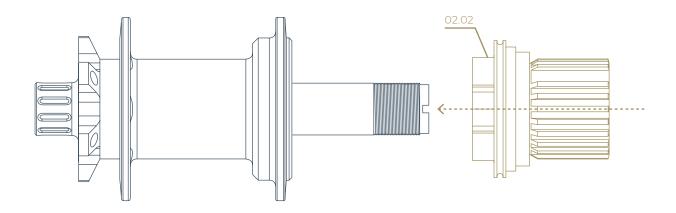
O4. Screw and do not fix the left adapter (01.01), on the axle (01.05), from the side of the disc.



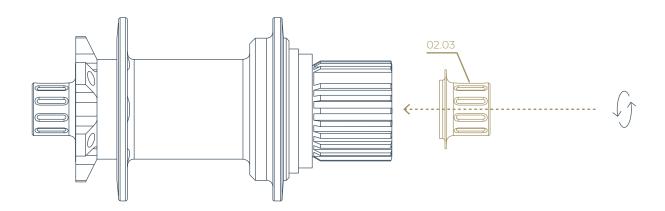
05. Insert the new spacer (02.01), inside the hub.



06. Insert the Shimano 12HG+ (02.02) on the hub axle.



O7. Screw the right adapter (02.03), on the freehub side.
Close both adapters with a 19mm socket wrench, fix maximum 10Nm.



08. Insert the Shimano 12 speed sprocket pack and complete the assembly by screwing the ring nut (02.04) on the pinion, supplied in the Damil kit.

