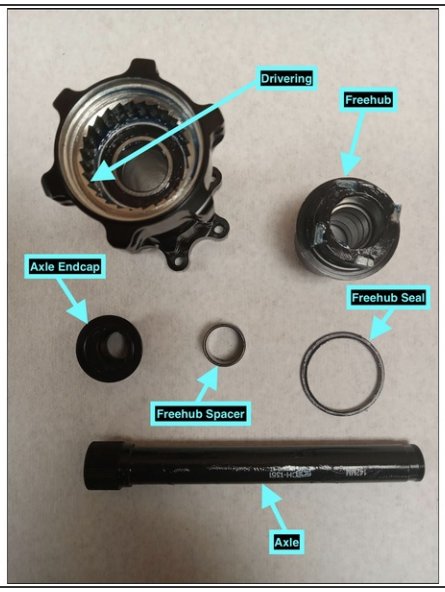
XCX Gravel Hub service and setup

This guide will walk you through the freehub/axle installation process for our XCX Gravel Hubs, and includes some tips for cleaning and lubrication.

Written By: Mike Begley

Step 1 — Setup and preparation



- Start with a clean work surface, have a clean rag and light freehub grease ready.

ⓘ The grease we use in our hubs is Mobil XHP 222.

⚠ XCX Gravel Hubs are only compatible with our XCX Gravel Hub Service Parts and XCX Gravel Freehub Bodies.

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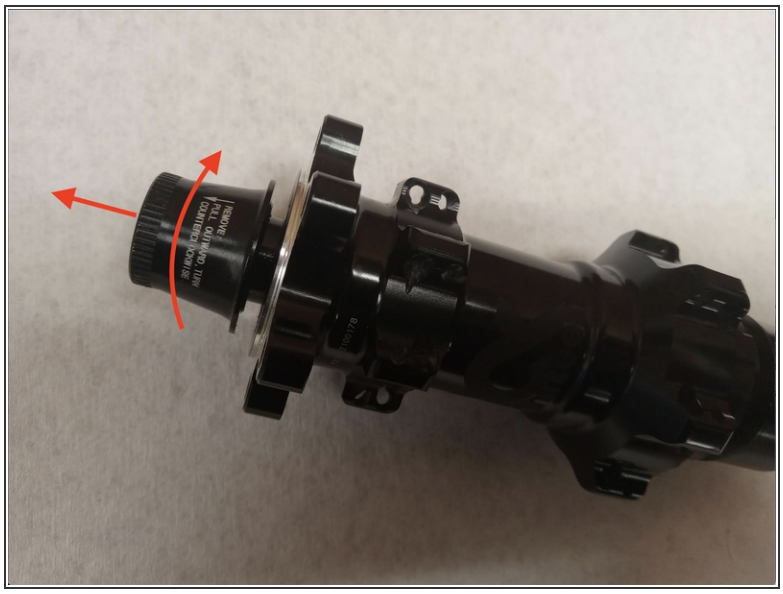
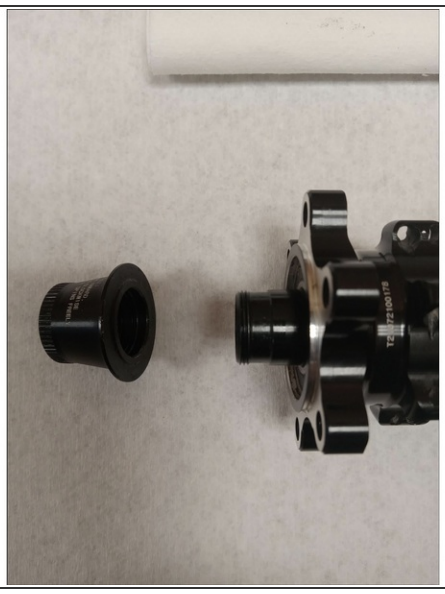
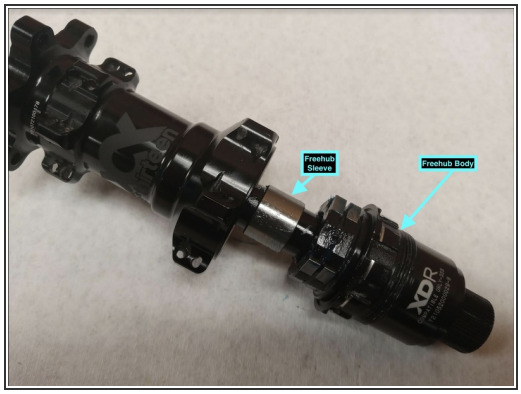
Step 2 — Remove Non-driveside endcap

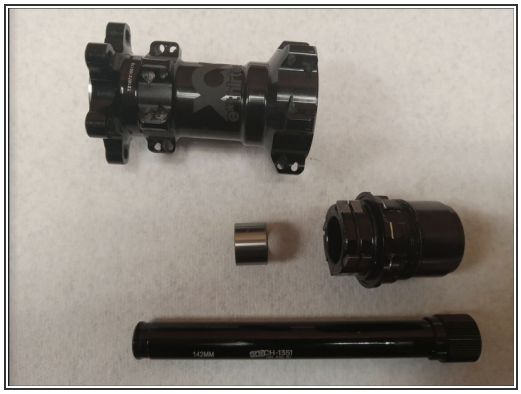




- To remove axle pull non-drive endcap away from the hub while turning counter-clockwise.

Step 3 — Remove the freehub body and axle assembly

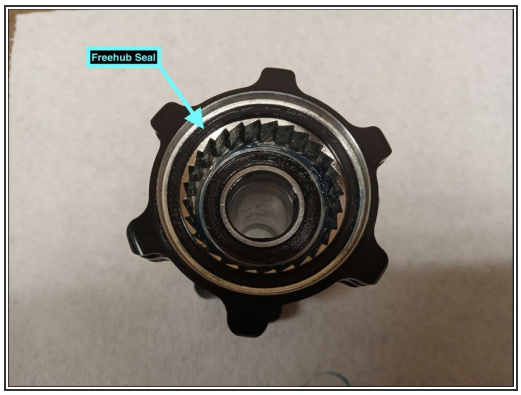


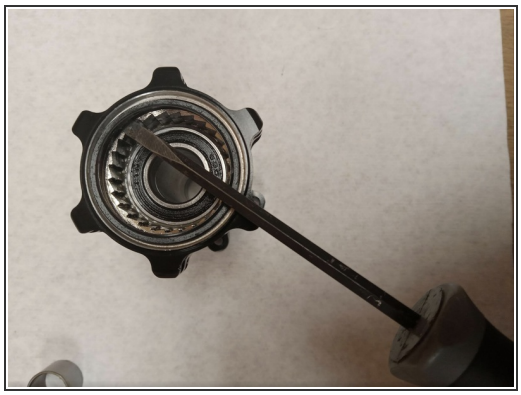


- Once the non-drive endcap is removed you can pull the freehub and axle out of the hub shell.

⚠ Be careful not to loose/misplace the freehub sleeve! These sleeves help to properly space the freehub body and the hub can not be used without this. If installing a different model of XCX Gravel Freehub be sure to use the sleeve which is included. This will help to ensure proper spacing/assembly.

Step 4 — Clean/Service the freehub seal





- In many cases removing the freehub seal is not necessary and the seal can be simply cleaned by wiping off old grease/debris with a clean rag.
- If your freehub seal is excessivly dirty/damaged it may be a good idea to remove and service or replace it. New freehub seals are included with all of our freehub body kits.
- To remove the seal, gently pry the seal out from the hub using a sharp pick or flatblade screwdriver. Be careful not damage/bend the seal when removing.

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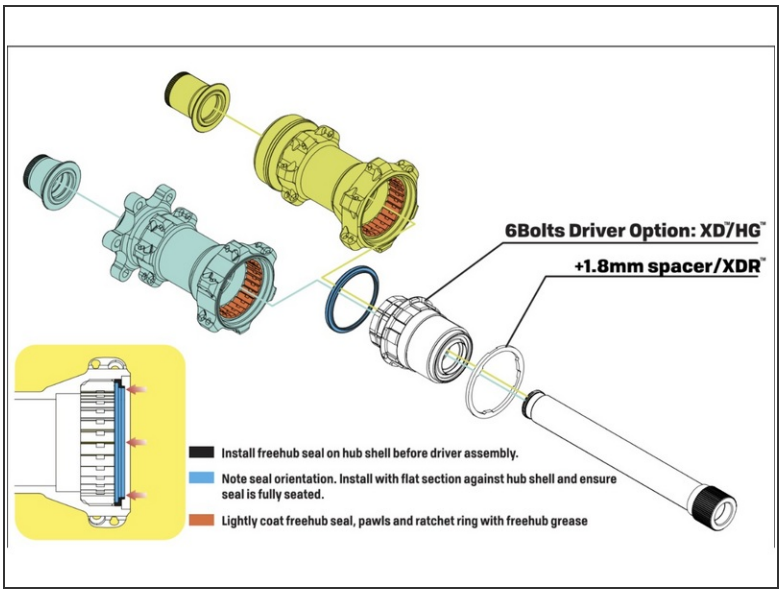
Step 5 — Lube/Re-install the freehub seal



- Clean the hubshell and seal thoroughly using a clean shop rag or microfiber cloth. A mild degreaser can be used if needed.
- Lightly grease the drivering and freehub seal.
- Gently press the seal back into place, ensuring it is evenly pressed/seated in the hubshell. Please note the freehub seal is directional. The diagram in the second image shows this for reference.

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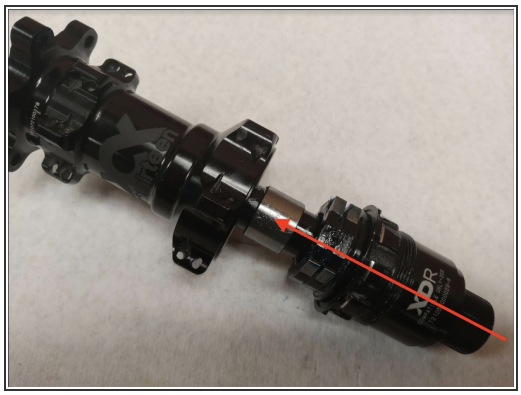
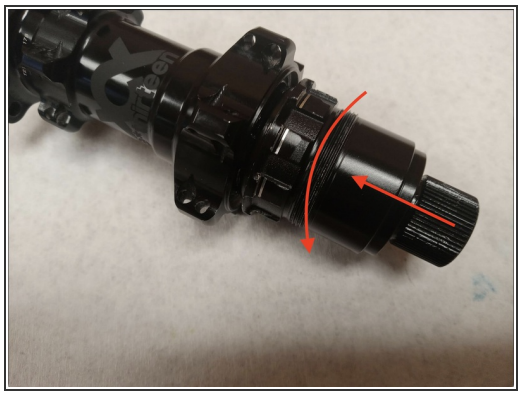
Step 6 — Lubricate and re-assemble

- Clean all parts thoroughly using a clean shop rag or microfiber cloth. A mild degreaser can be used if needed.
- Slide the freehub and freehub sleeve onto the axle, and install in the hubshell.
- Slightly rotating the freehub body counter clockwise while reinstalling can help everything to align.

⚠ Freehub Sleeves are specific to freehub model. If installing a new freehub please ensure you are using the one which was included with your freehub.

⚠ New freehubs include a new freehub seal which can be used if needed. Its important to ensure only one seal is installed in your hubshell. Accidentally installing an additional seal can cause excess drag.

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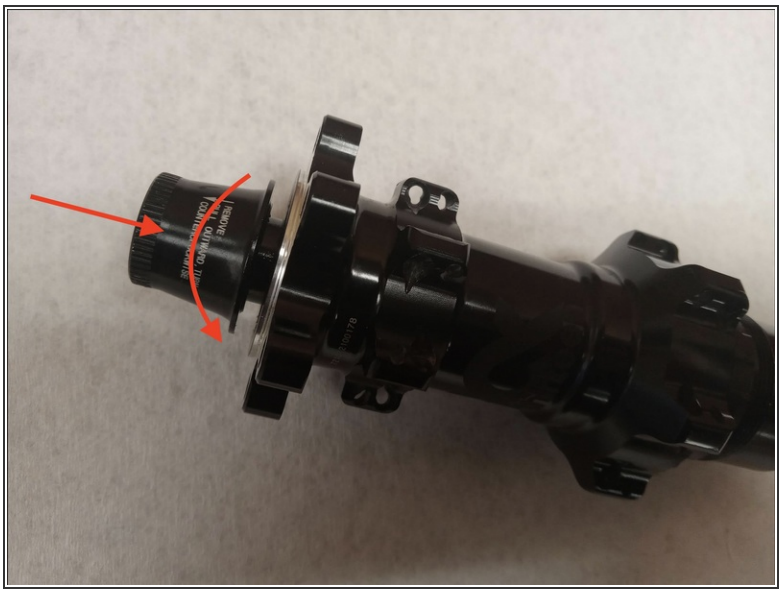
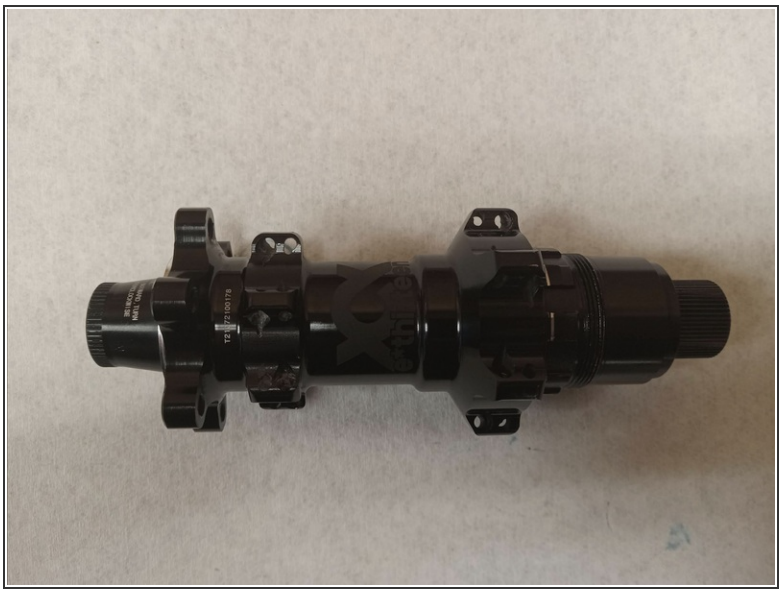
Step 7 — Re-install the non-driveside endcap





- Install non-drive axle endcap. Apply pressure and tighten clockwise until endcap spins freely.
- Wipe off any excess grease and you are good to go!

Thanks for reading, now get out there and ride!