

*QUICK START GUIDE*  
**DDG V2 on  
Ultimaker**



## Introducing the DDG V2

The V2 now supports the Ultimaker Flow Sensors.

It is a drop-in replacement that requires no firmware update.

It is reversible, one can use a standard DDG V2 and re-assemble it to make a mirrored, if required.

- Improved filament grip : no grinding, no slip, better reliability and feeding precision.
- Dual Drive technology
- Drive wheel section with curved teeth profile
- Hardened Steel drive gears



---

### Inside the DDG

A view of the insides of the DDG V2.



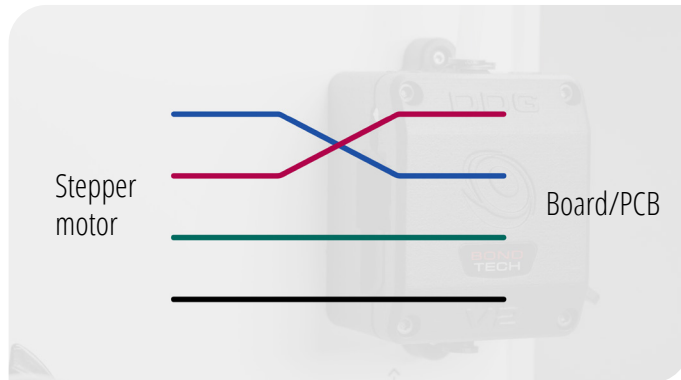
### DDG V2 converter cable

A converter making it easy to match the rotation direction of the motor. This is available to buy as an accessory.

Only necessary on UM2+ and UM3.

## DDG V2 Converter Cable diagram

Below you can see what the DDG V2 converter changes in terms of wiring. On UM2+ and 3 this is necessary to make the motor turn the correct direction.



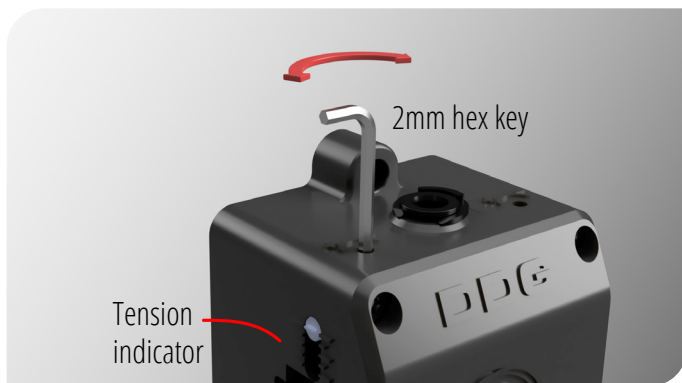
## The Quick-Release

In order to easily change filament, there's a quick release lever on the DDG V2. Below—a diagram of how it's used.



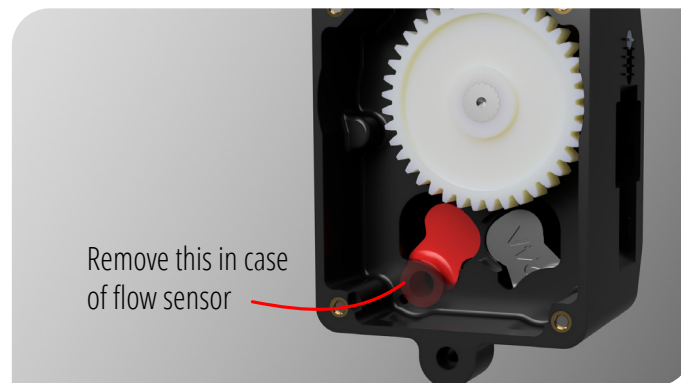
### Setting the tension on the idler

Using a 2mm hex key the tensioner screw is turned clockwise to release tension and counter-clockwise to increase tension.



### Flow sensor placeholder

Inside the DDG V2 there's a small placeholder which needs to be removed if your printer has a flow sensor. Below the part is outlined.



### HOW TO GET HELP

We are available to help you with any questions or issues you may have. Simply go to our website where you can access our customer support and send us your questions or follow the provided link:

[https://www.bondtech.se/contact/#tab\\_technical-support-requests](https://www.bondtech.se/contact/#tab_technical-support-requests)

