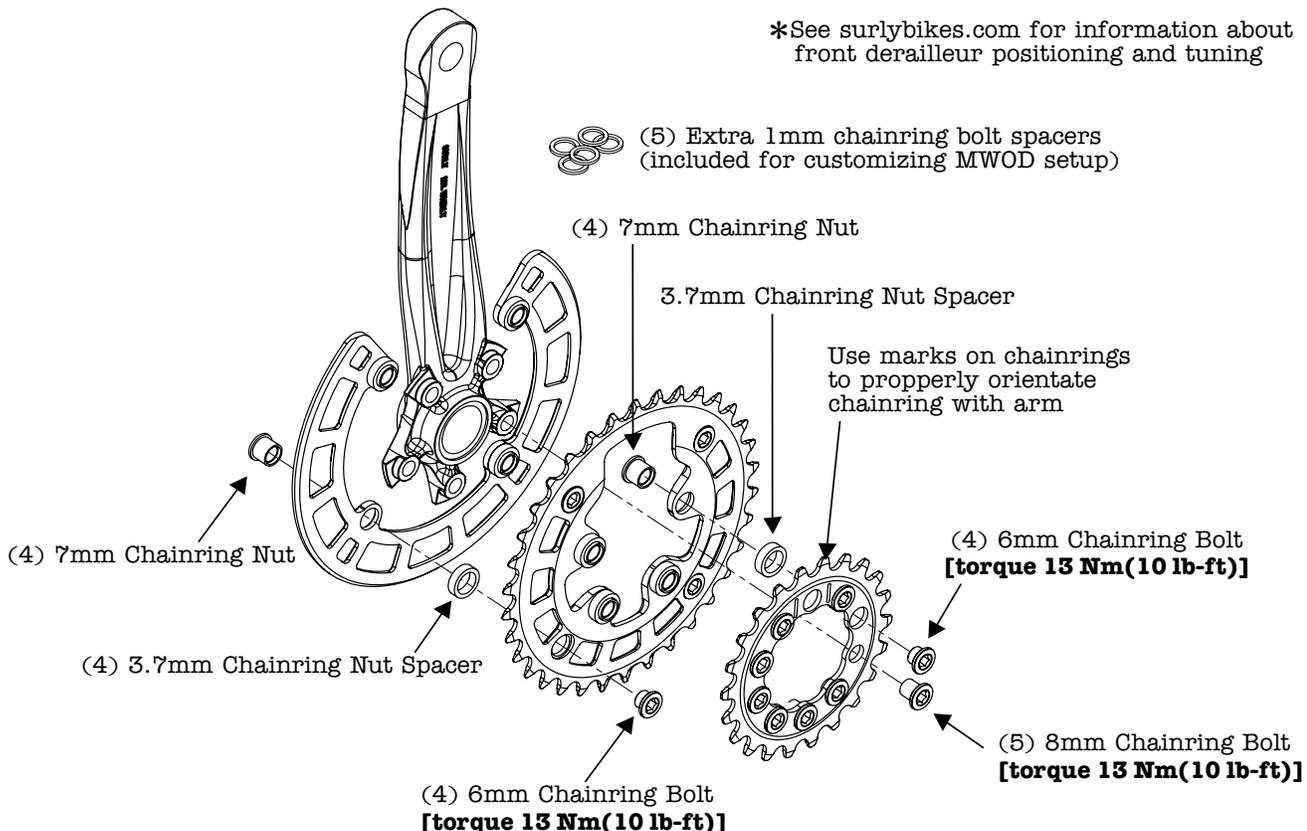


## Mr. Whirly Offset Double (MWOD) Chaining / Chainguard Setup

MWOD chainrings allow you to run extra wide rear tire & rim combinations on your fatbike without compromising your gear range. Without modifications to the drivetrain, the chain can rub the rear tire when shifted into the lowest gears. On a bike made for crawling through the thick and sloppy, these low gears are essential and cannot afford to be compromised. To solve this problem, the MWOD chainrings convert the Mr. Whirly crankset into an offset mountain double by removing the outer chainring. With the outer chainring removed, the granny and middle chainrings are shifted outboard to the old locations of the middle and outer chainrings. This shift effectively gains you around 7mm of tire clearance at the chain without increasing your Q-factor and without losing your crawling gears.

The following set of instructions should give you all the information to properly set up your MWOD chainrings on your Mr. Whirly crankset. If you do not feel comfortable with the installation, please take your pile of parts to your local bike shop so they can get you set up right.



### COMPONENT WARRANTY

Stuff eventually breaks or wears out if you use it enough. That's beyond our control. We guarantee this product to be free from defects in manufacturing and design for one year from date of purchase. It's guaranteed not to fail under normal riding conditions. Surly is not responsible for the actions you take on your bicycle, however, and cannot be responsible for products that break when not installed correctly or used inconsistently with the product's design. If you're not sure if something will work the way you want, contact us. If you do destroy your Surly product, fess up and maybe we can get you some replacement parts to keep you riding. Sorry, the finish isn't covered, nor is any damage that happens to you or your other components as a result of any failure of one of our products. Lastly, if you modify or neglect our products, we can't be responsible for them or what might happen to you while you're using them. All potential warranty items should be returned to the original place of purchase, accompanied by a sales receipt. In the unlikely event that this is not possible, call or email us, and we'll do our best to get you riding again.

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