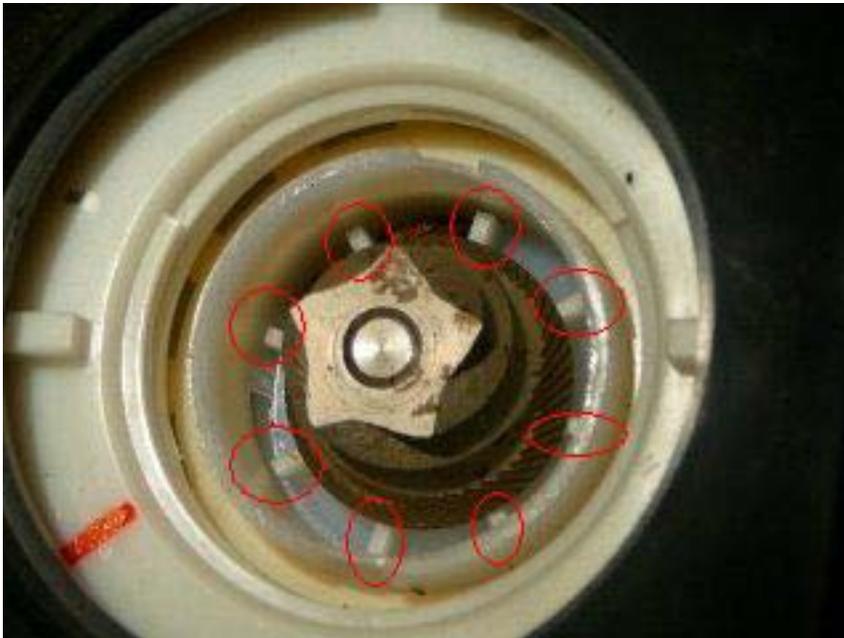


## Paddle Wheel Diagnosis and Replacement

The part you might need to check is the impeller paddle wheel which sits below the center burr. It's basically a paddle wheel that sits on its side and spins with the center burr, pushing the ground coffee out of the grinding chamber into the grounds chute. Over time, the paddles can wear away, or they can snap off if some grit gets into the grinding chamber. I've attached a link to the picture of it on our online store. If the wheel is intact, you should be able to see the spokes underneath the center burr (the spokes are outlined in the photo below.) If you cannot see the spokes, then the paddle wheel will need to be replaced. You can order one via our online store [here](#) (or just go to the main [www.baratza.com](http://www.baratza.com) homepage and click the 'online store' link.)



### Replacing the Paddle wheel:

First, you'll need to remove the central cone burr. The center cone burr is just threaded onto the drive shaft via a LEFT hand thread. All you need to do is grip the burr with vise grips (protect the burr by wrapping it with a rag) and give it a quick jerk clockwise. It is a bit tricky to get a good grip on the burr due to its shape.

Once the cone shaped center burr is off, you simply need to pull the old paddle wheel out (it's a white disk with two posts that fit into the underside of the burr.) The old paddle wheel may be stuck to the burr you just removed, but should pop off with a little bit of pressure. Once the old wheel is removed, just place the new wheel into the grinder with the two posts facing upwards. Then, screw the burr back onto the grinder, going slowly so the posts on the paddle wheel engage with the holes on the burr. Tighten the burr down until the top of the gear shaft is level with the top of the burr. If it's obviously

not level (by a few millimeters) then the posts on the paddle wheel didn't slip into the holes on the burr. Unscrew and try again.