

# Okuma Cortez CZ-55W December 31, 2013

I'm a die-hard Penn fan but couldn't pass up the deal on this Okuma Cortez CZ-55W.

Disclaimer: This is by no means a Reel Service but rather just a take-down and put back together session because I was curious of how the internals looked on this reel. I'm not a professional reel repair guy so please bear with me.



First remove the Handle Screw (key# 515)



As you can see, the Alan Tani Handle Nut Wrench does not fit on the handle nut.



And neither does the 8 in 1 wrench.



So, lacking the proper tool, I had to use Channel Locks to take the Handle Nut off. Make sure if you go this route, use some kind of material in between the handle nut and Channel Lock teeth to prevent marring. In this case, I just used a shop towel which seemed to do the trick.



Take note of this Plastic Washer (key# 0920133) which sits under the Handle Nut – Okuma calls this a Retainer Nut (key# 117) when taking off the Handle Assembly (key# 500).



Next remove the Keyed Handle Bushing - Okuma calls this a Drag Washer (key# 520) and Star Drag Assembly (key# 615)



Now remove the Washer (key# 0920326), Click Gear (key# 401-2), Belleville Washers – Okuma calls these Drag Spring Washers (key# 609) & Drive Gear Shaft Bushing (key# 720-1)



Remove the Spacing Sleeve – Okuma calls this another Drive Gear Shaft Bushing (key# 720)



Now remove all 6 Screws (key# 09301224) which secure the Handle Side Plate (key# 200) to the Frame/Main Body Assembly (key# 100).



Remove the Harness Lug – Okuma calls this a Hanger (key # 108)



Just a pic of the High Density Holding Plate aka Holded Plate (key# 207) in Okuma lingo, which holds all the internals together so be careful when removing it.



Remove the 5 screws (2x key# 0930060)(2x key# 0930651) & (1x key# 0930202) while holding everything together. The Middle Screw (key# 0930202) is actually holding the Drive Gear Shaft (key# 701) to the Helded Plate (key# 207) so to remove it you will need to put the Drag Washer/Handle Bushing (key# 520) and the Handle Assembly (key# 500) back on so that you can hold the Drive Gear Shaft (key# 701) from moving while undoing the screw. (I should have removed the handle after I took off the sideplate. Oh well, lesson learned.)

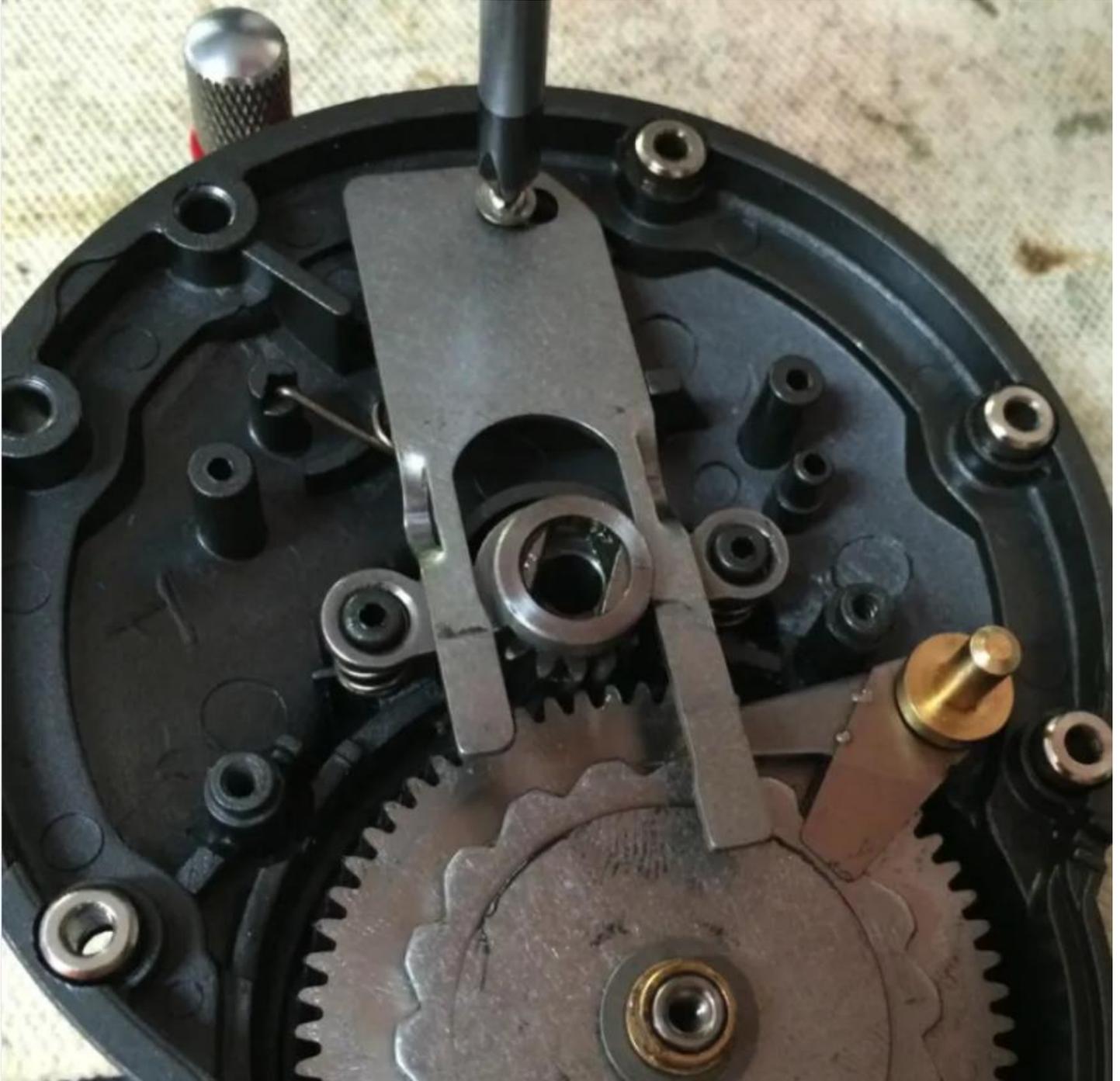




Now you should be looking at something like this.



Remove the Eccentric Jack Screw/Clutch Slider Screw (key# 0930194) & Eccentric Jack – Okuma calls this a Clutch Slider (key# 804).



Remove the Anti-Reverse Pawl Pin (key# 211) and Dog/Anti-Reverse Pawl (key# 201).



Remove the Pinion Gear Assembly (key# 702), Pinion Gear Yoke (key# 805) & Yoke Springs (key# 806), Main Drive Gear (key# 700) & Drive Gear Shaft (key# 701).



Take the Main Drive Gear (key# 700) off of the Drive Gear Shaft (key# 701) along with the Under Gear Drag Washer (key# 0920488). Then remove the Drag Stack (Keyed Drag Washer (key# 612-1), Small Hole Carbon Drag Washer (key# 610), Eared Drag Washer (key# 611), Small Hole Carbon Drag Washer (key# 610), Keyed Drag Washer (key# 612) & Big Hole Carbon Drag Washer (key# 610-1)) and Top Keyed Washer (key# 612-2).



Just wanted to show how much bigger the drags were compared to the Penn 113H 4/0 drags.



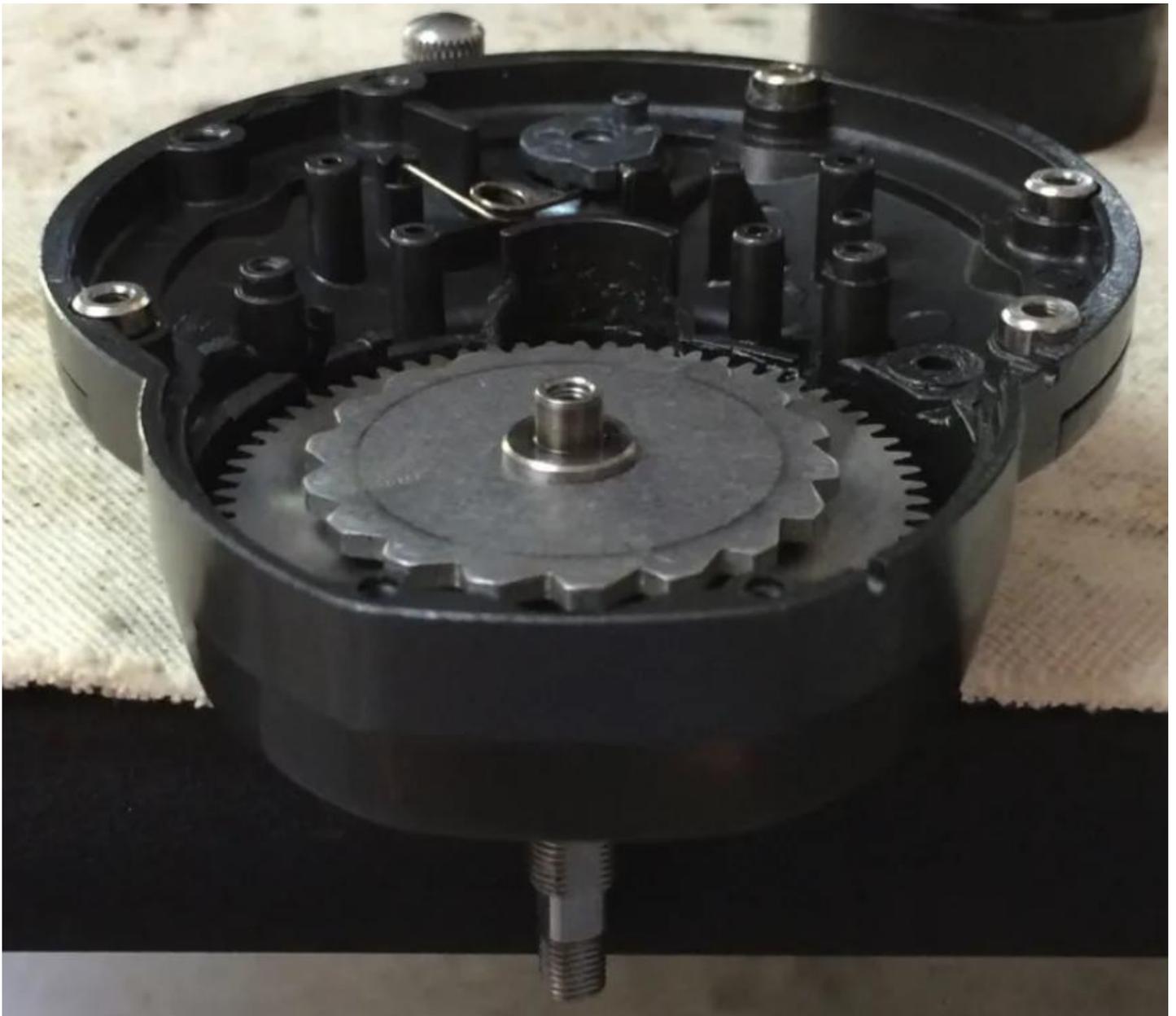
Since the Drag Washers were out anyway, I figured I'd just grease them up with some Cal's. Don't forget to put some grease on the Anti-Reverse Bearing (key# 0910153).



Notice the order of the Drag Stack - Keyed Drag Washer (key# 612-1), Small Hole Carbon Drag Washer (key# 610), Eared Drag Washer (key# 611), Small Hole Carbon Drag Washer (key# 610), Keyed Drag Washer (key# 612) & Big Hole Carbon Drag Washer (key# 610-1)

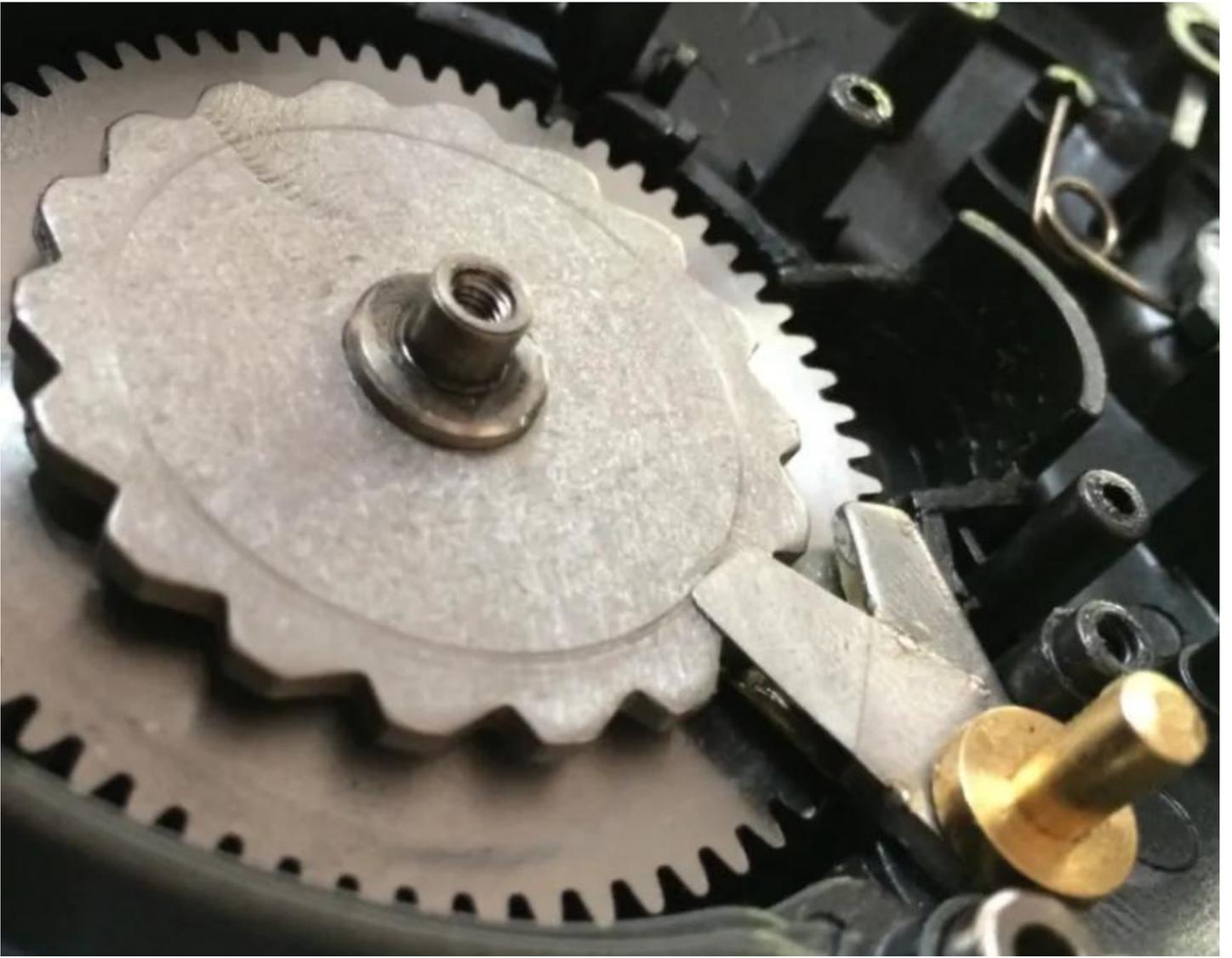


Now to reassemble..... Put the Under Drag Washer (key# 0920488), Main Drive Gear (key# 700) & Drag Stack – [(Top to Bottom) Keyed Drag Washer (key# 612-1), Small Hole Carbon Drag Washer (key# 610), Eared Drag Washer (key# 611), Small Hole Carbon Drag Washer (key# 610), Keyed Drag Washer (key# 612) & Big Hole Carbon Drag Washer (key# 610-1)] back onto the Drive Gear Shaft (key# 701) in the correct order and install it back into the Handle Side Plate (key# 200).



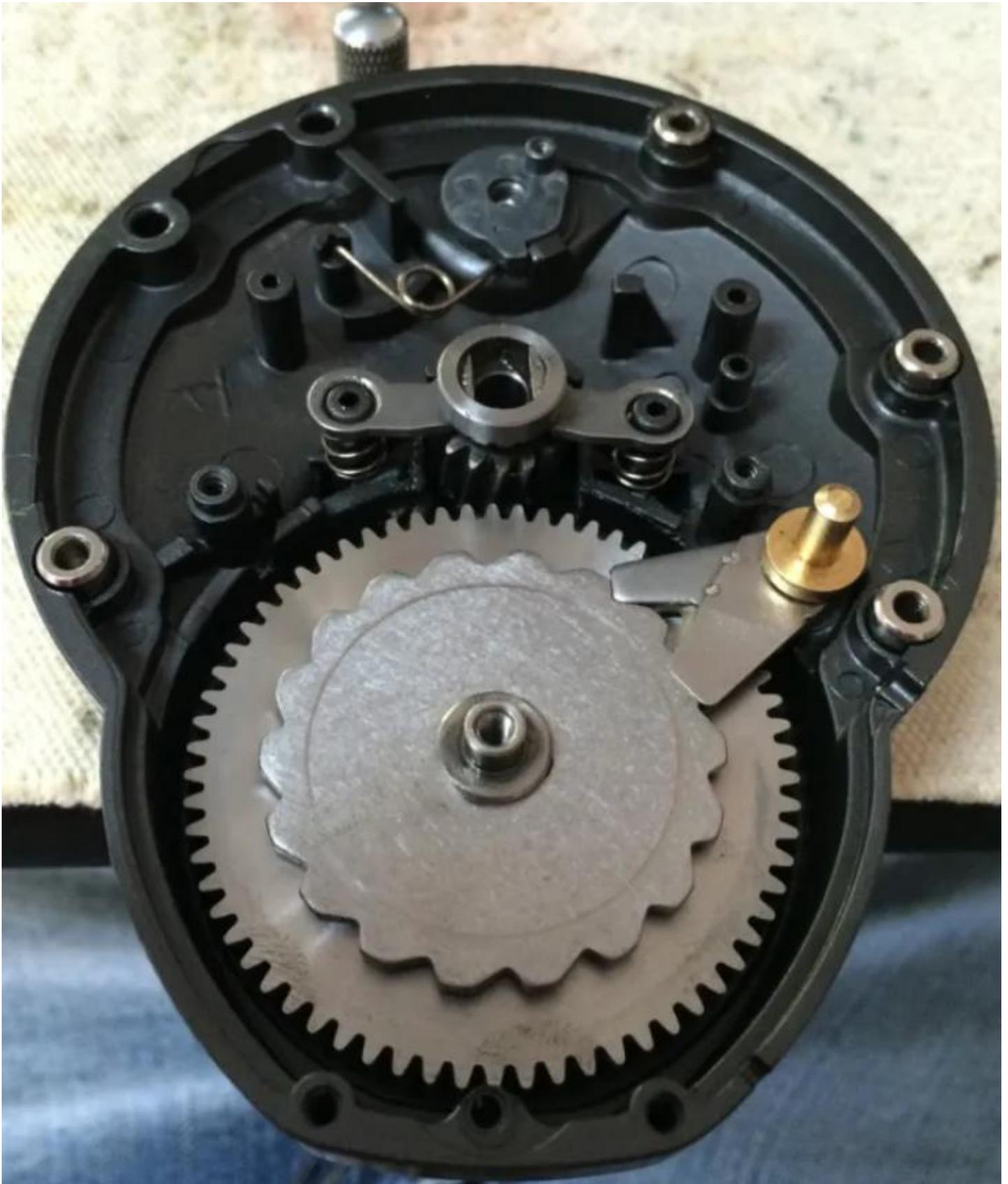
Install the Dog/Anti-Reverse Pawl (key# 201) and Anti-Reverse Pawl Pin (key# 211). Notice how the Dog sits (Good dog ha-ha.)



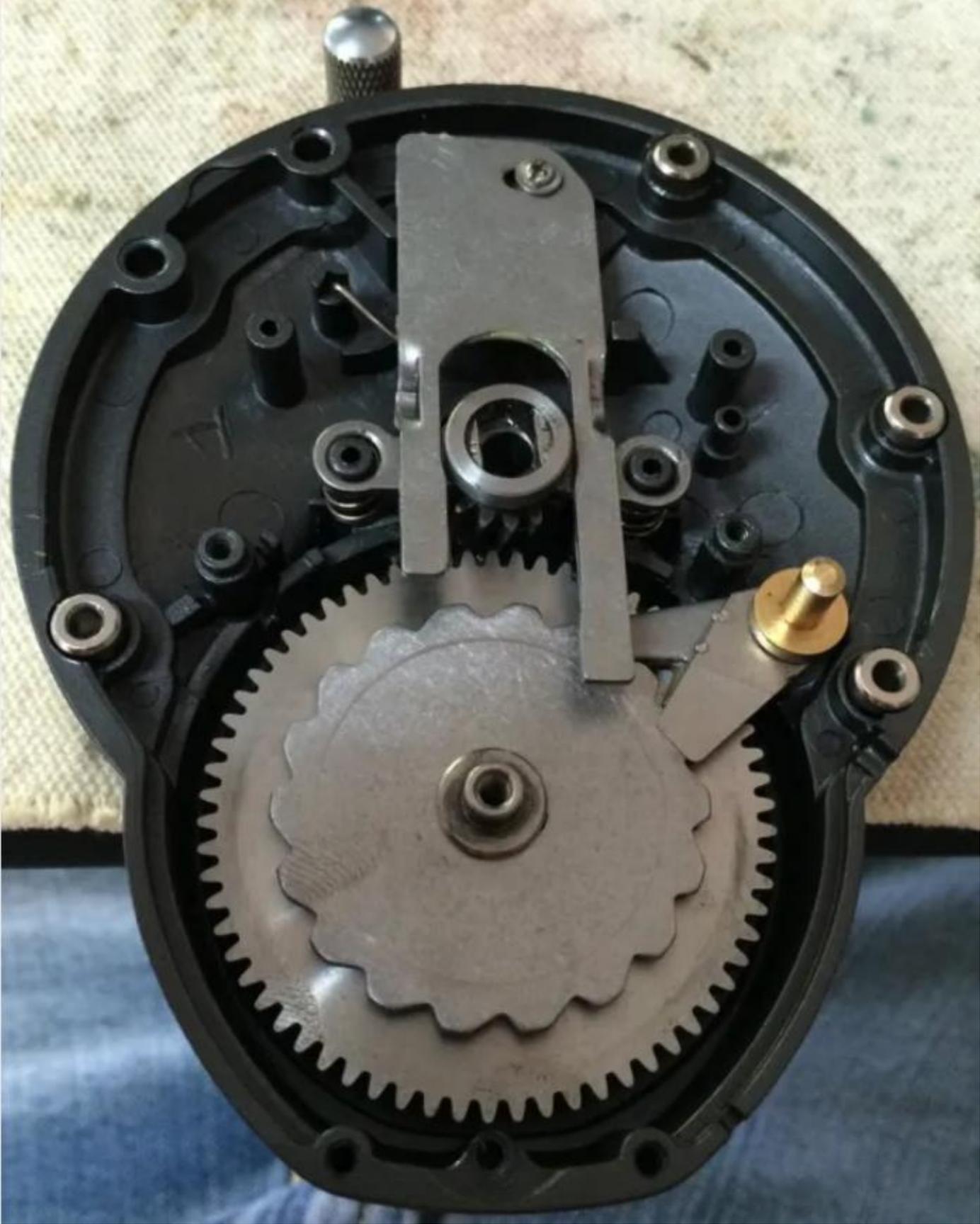




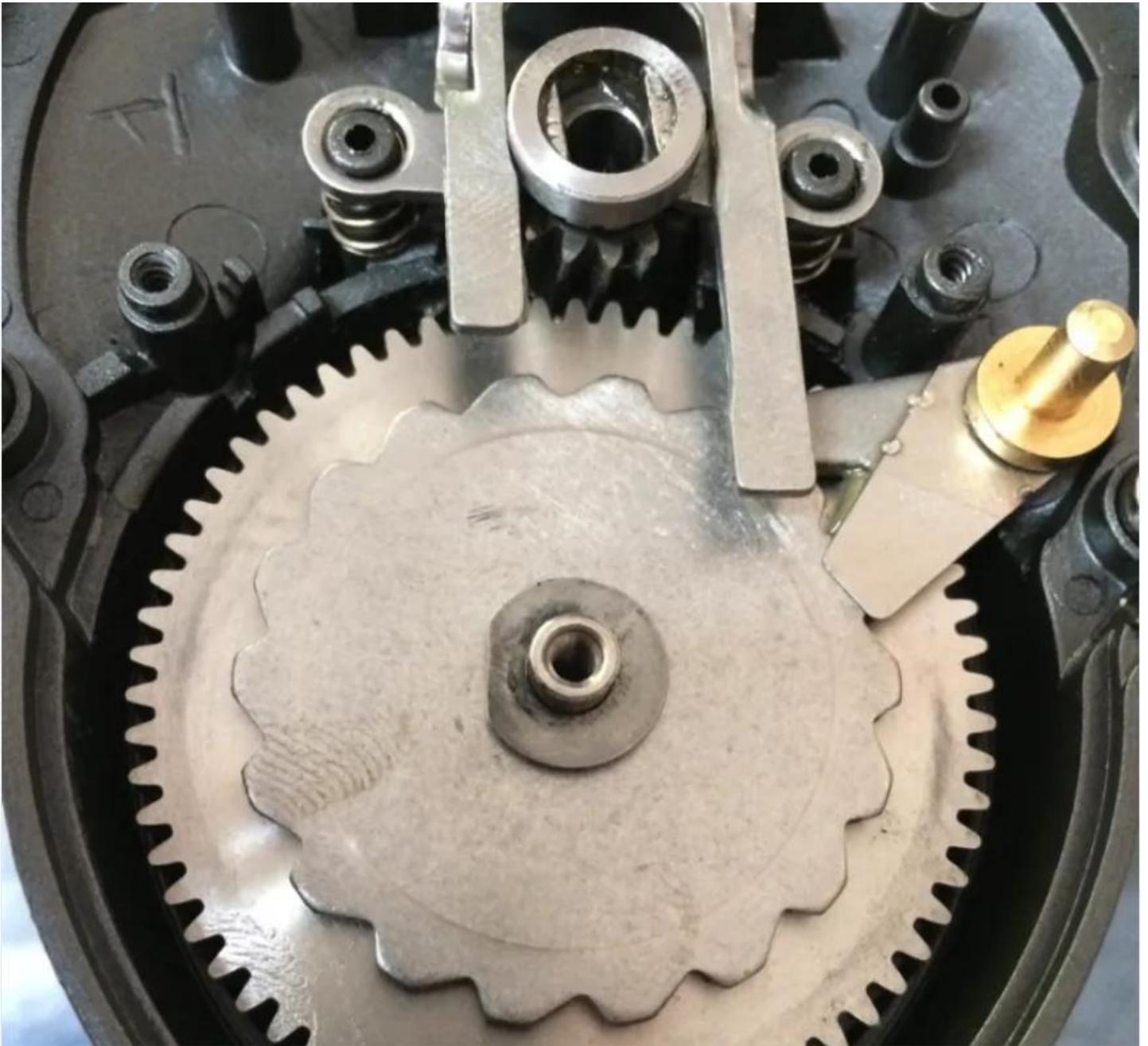
Install the Yoke Springs (key# 806), Pinion Gear Yoke (key# 805) & Pinion Gear Assembly (key# 702).



Install the Eccentric Jack/Clutch Slider (key# 804) & Eccentric Jack/Clutch Slider Screw (key# 0930194).



Install the crescent moon shaped Washer (key# 0920435).



Install the Hold Plate Bushing (key# 215) into the Holded Plate (key# 207).





Put the Holded Plate (key# 207) back onto the Handle Side Plate Assembly (key# 200). Make sure everything lines up.



Take the 5 Screws from earlier [(2x key# 0930060)(2x key# 0930651) & (1x key# 0930202)] and lock down the Holded Plate (key# 207) & Drive Gear Shaft (key# 701). You may need to install the Handle Bushing/Drag Washer (key# 520) and Handle Assembly (key# 500) to lock down the Drive Gear Shaft Screw (key# 0930202).

HIGH DENSITY ME HOLDING PLATE



Turn the Handle Side Plate (key# 200) right side up and install the small Washer (key# 0920161).



Install the Spacing Sleeve/Drive Gear Shaft Bushing (key# 720).



When pulling out the Spool Assembly (key# 400) from the Left Side Plate – Okuma calls this the Vice Side Plate (key# 300) be careful not to lose the Under Bearing Shim/Spacer/Washer (key# 302).





Just a pic of the Spool Shaft with its Bearing (key# 0910278).



Notice the little knurl on the Handle Side Plate (key# 200), it tells you how to mate the Side Plate to the Frame/Main Body Assembly (key# 100). The knurl is where the Harness Lug/Hanger (key# 108) should go.



Install the Handle Side Plate (key# 200) back onto the Frame/Main Body Assembly (key# 100) with the 6 Screws from earlier (key# 09301224) taking note of the Harness Lug/Hanger (key# 108) position.



This is the order that the Handle should be installed (Bottom to Top)



Install the Drive Gear Shaft Bushing (key# 720-1) then the Belleville/Drag Spring Washers (key# 609) – Notice the way the Bellevilles are positioned “()”.



Install the Click Gear (key# 401-2) and Washer (key# 0920326)



Install the Star Drag Assembly (key# 615).



Install the Keyed Handle Bushing/Drag Washer (key# 520).



Install the Handle Assembly (key# 500) and Plastic Washer (key# 0920133).



Lastly, install the Handle/Retainer Nut (key# 117) and Handle Screw (key# 515).



DONE! I didn't show pictures of it but during reassembly I put a thin layer of grease between the Frame, Sideplates & Frame Rings – Okuma calls these Side Plate Covers (key#'s 208 & 311) on both sides as well as some grease in all of the screw holes.



Hope this helps anyone attempting to service this reel. Thanks for your time.