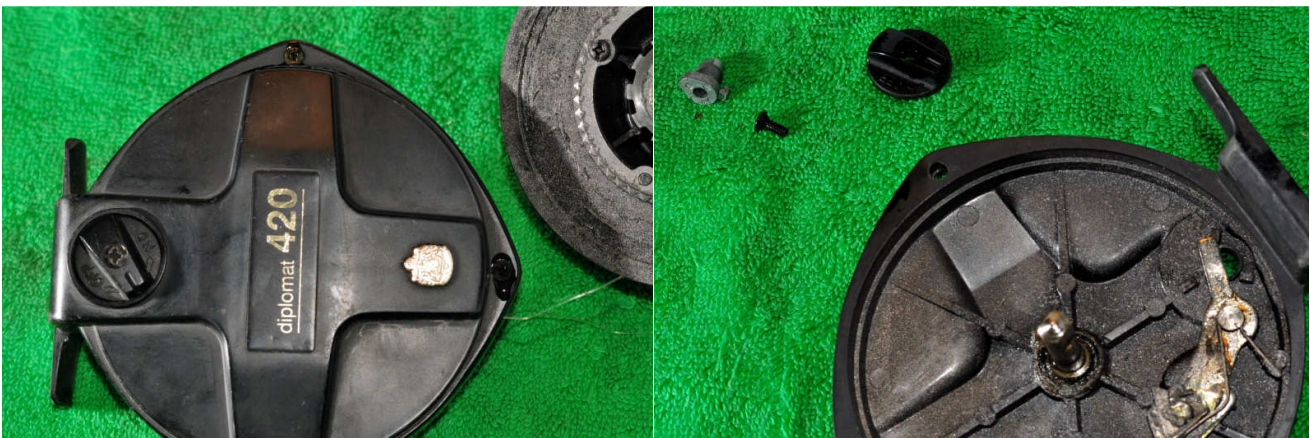


## Diplomat 420 service



Start by unscrewing the drag knob-the spool lifts off. In this instance there was a lot of metal dust inside the reel. It looks as if the cog for the clicker mechanism has been ground down. The line guard also appears to be on back to front.



The screws are seized so soak them in oil before attempting to remove them. Remove the screw for the click button and remove whole assembly.

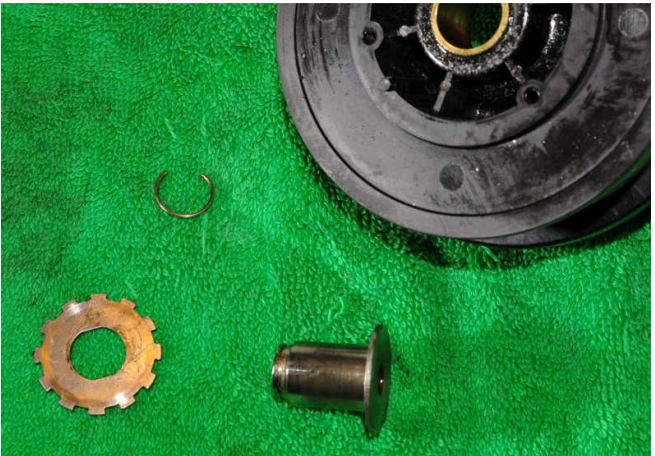


The inside of the reel body needs a thorough clean to remove the metal dust. Reinstall the clicker mechanism adding a light coat of grease to all friction surfaces. Remove the cover for the drag knob-it can be carefully pried out. Remove the brass screw under the cover.





The drag knob lifts off. Remove the retaining clip for the drag assembly and then remove the drag washers. They are laid out top to bottom (left to right).

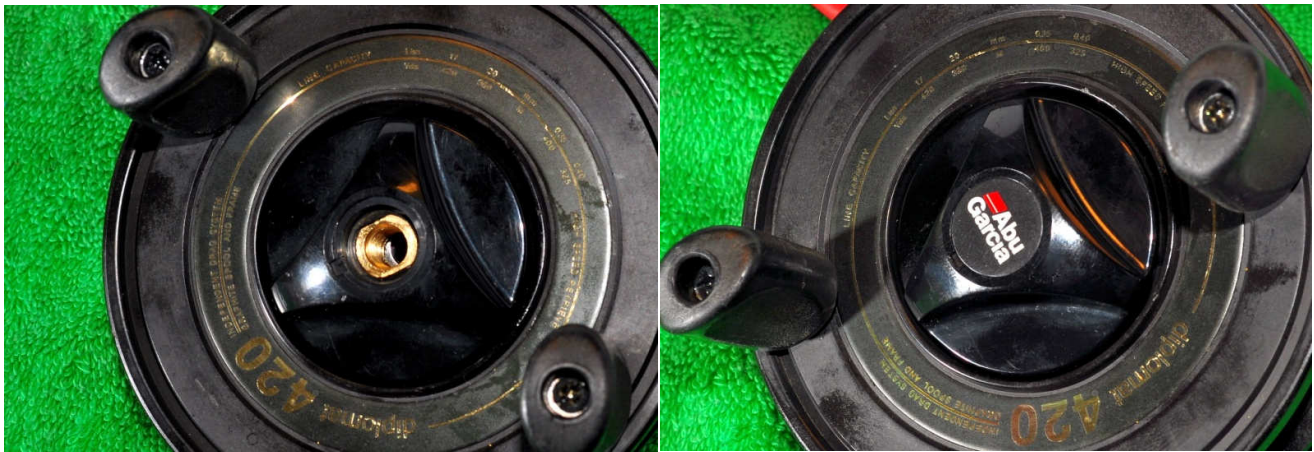


Turn the spool over and remove the c-clip holding the anti reverse gear and spool bushing in place. Give everything a thorough clean before reassembling.



Replace the spool bushing, anti-reverse gear and anti-reverse pawl and fix in place with the c-clip. Give the spool bushing a light coat of oil. Give a light coat of grease to the anti-reverse gear and make sure that the 'ears' on the anti-reverse pawl are gripping the gear. Replace the drag stack and fix in place with the retaining clip.





Replace the spool knob and brass screw (remembering to grease the threads), and then pop the screw cover back in place-it should 'click' in. Add a couple of drops of oil to the handles.



The on/off clicker mechanism was not working properly as the clicker cog had worn down. Ideally this part needs to be replaced. As a quick fix, until a new part is ordered, the clicker cog has been turned over so at least it's functional.

Add some oil to the spool shaft on the reel body and then replace the spool and tighten the spool knob (it's always a good idea to store a reel with the drag backed off so that the washers aren't compressed).

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