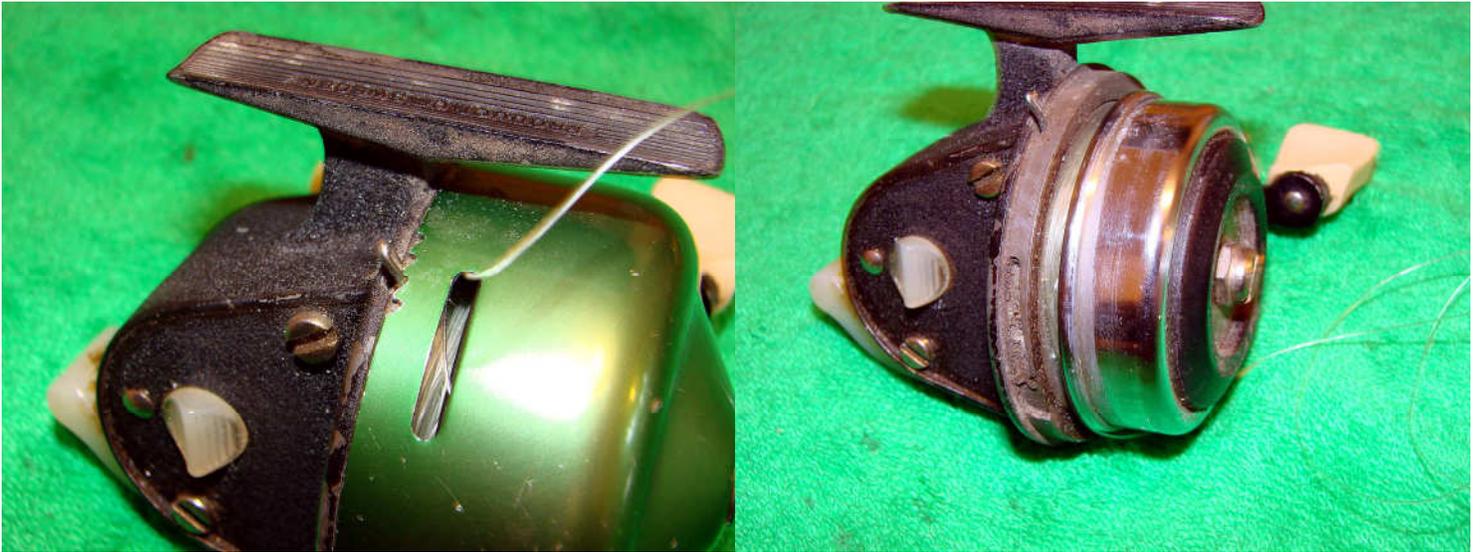


Abu-matic 30 service



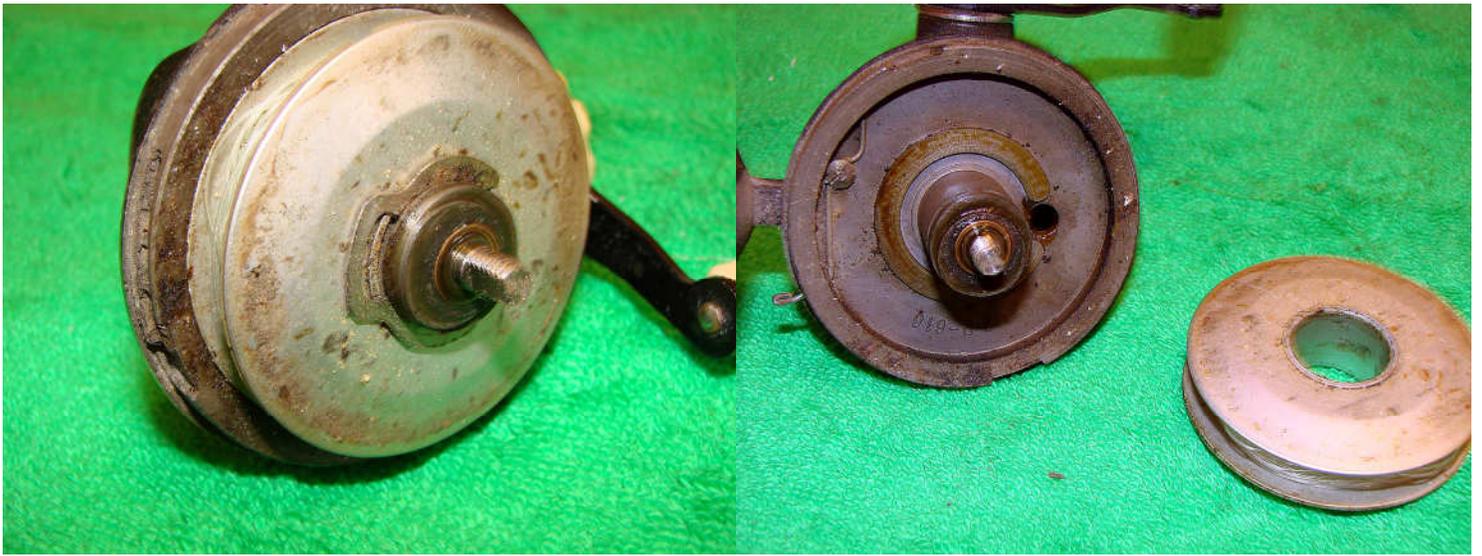
This is the first Abu-matic I have seen, thank you Wayne! I'm not familiar with the series though I believe that the Abu-matic 30 was produced between 1957 and 1960. This reel looks in quite nice condition considering it must be around fifty years old. Mechanically it feels very 'sluggish' and 'sticky'.

I don't have a schematic for this reel so the part names may need to be double checked.



First thing to do is remove the bell cover. To do this depress the wire lock towards the reel body and then twist the cover-it is bayonet mount.

Unscrew the nut holding on the winding cup and remove. The line pickup and copper spring is held captive on the inside of the winding cup.



Remove the circlip that holds on the spool and then remove the spool. Note the hole in the reel body where the spool sits. The spool has a corresponding stud-this reel is a *true* fixed spool reel; the spool never moves, only the winding cup.



Unscrew the drag knob and remove the handle. Note the orientation of the washers. From the top, drag knob, curved metal washer, flat metal washer, fiber washer, handle, fiber washer, flat metal washer.



Remove the two screws holding on the side plate.



Oh dear-looks like the reel is filled with tar. No wonder it felt sluggish. The thumb button simply pulls out; it pivots on one of the side plate screws. Give everything a thorough clean. I prefer not to use solvents on plastic but this means *a lot* of scrubbing with washing up liquid and warm water.



When everything is spotless apply grease to the gears. A toothbrush is good for ensuring coverage to the base of the teeth. Apply some light grease to the friction surfaces on the thumb button. Add a light coating of oil on the throw out pin and spring.



Push in the throw out spring with your finger and then turn the reel over. Apply oil to the gap between the winding cup shaft and the reel body. Wipe off any excess. Apply oil to the drive shaft/drive shaft bushing and let it penetrate. Wipe off excess.



Note the stud on the spool and the corresponding hole on the reel body. These need to be lined up so that the spool is fixed.



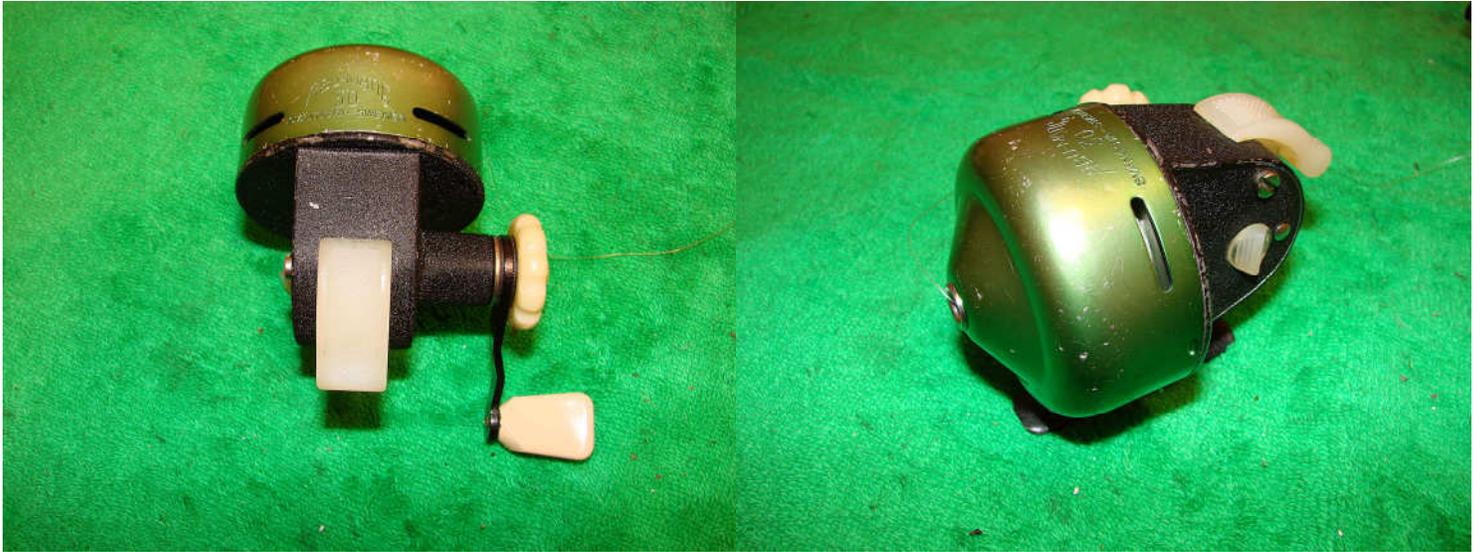
Reattach the spool and add a light coating of grease where the line pick up ejector contacts the body (don't forget to add a light coating of oil/grease to the friction surfaces on the ejector on the underside of the winding cup). Replace the circlip.



Reattach the winding cup and nut. Attach the flat metal washer to the drive/handle shaft.



Then add a fibre washer/handle/fibre washer, flat metal washer, curved metal washer.



Reattach the drag knob and the bell cover. Finished!

©Tim Parratt 2008