

Ambassadeur 800C, 900C, 10 000C service guide



The Ambassadeur 8/9/10 000C are mechanically identical . The only differences are in the spool and frame width. Although this guide uses an 8000C, the service for the 9/10 000C will be the same.

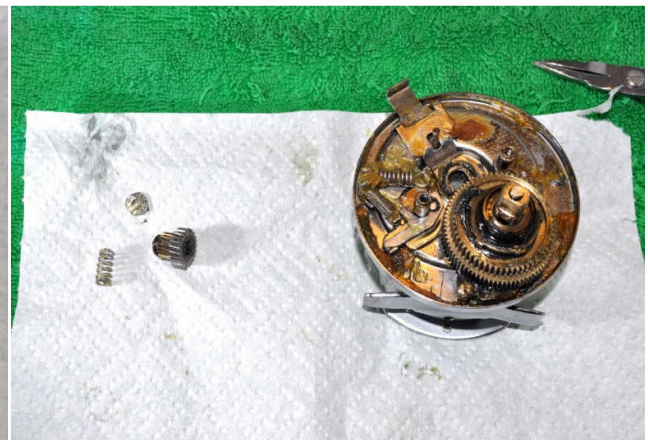


Start by removing the entire left side plate assembly (it's held in place by three thumb nuts), and then remove the spool-it just pulls out-note the springs on either end of the shaft.

On the right side plate remove the handle lock plate screw, handle lock plate, handle nut. Remove the E clip under the handle nut and then remove the handle and star drag. Note the flat washer (handle spacer) and curved washer (friction washer) that sit between the handle and the star drag.



Remove the two bridge screws holding on the right side plate and then remove the right side plate. This reel has grease everywhere-except on the gear teeth where it's needed most.



Remove the pinion yoke lock and the pinion yoke spring-be careful as it will want to spring off never to be found! Lift up the pinion yoke and remove the pinion gear.



The main gear assembly can be lifted off as a complete unit to be separated. Don't lose the anti reverse dog and note the copper shim on the main shaft that sits under the main gear assembly.



Separate out the main gear assembly. Correct sequence is bottom line left to right, then top line left to right.

There is a bearing in the side plate hidden under all of the grease. First we'll need to remove the remaining parts. Start with the press arm spring (stronger spring at top of photo) and then the clutch spring.

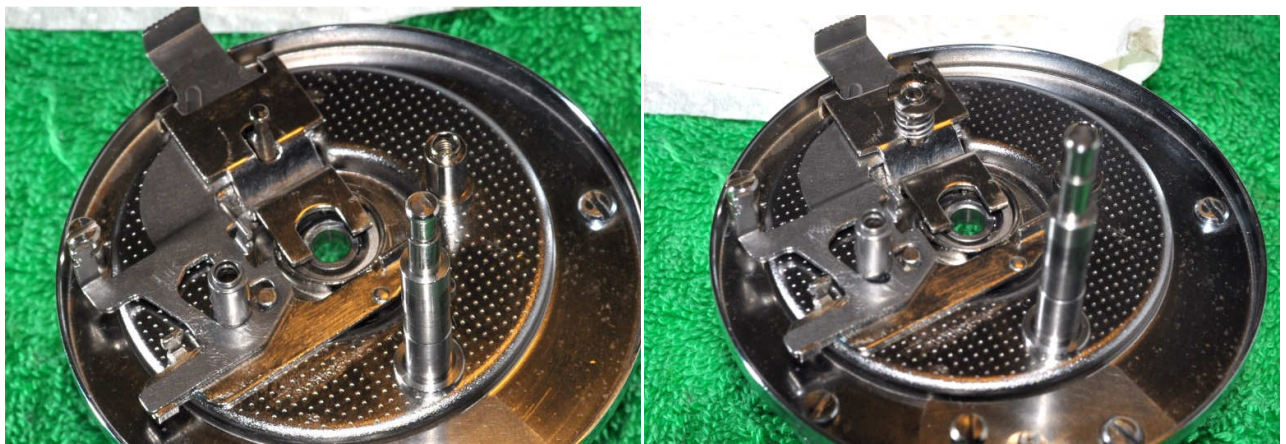


Then remove the free spool press arm, free spool clutch and the pinion yoke. Make a note of how they fit together so you don't struggle to reassemble them. Hidden in the centre of the side plate covered in grease is the spool bearing held in place with a circlip.



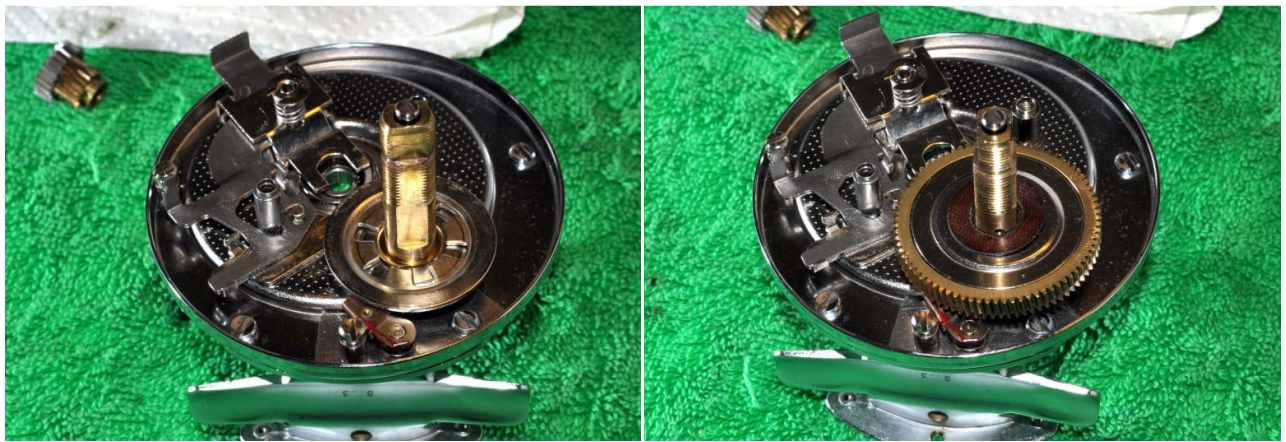
Remove the circlip and remove the spool bearing. It's a good idea to soak the spool bearings in shellite or lighter fuel while you clean the rest of the reel-it will take a while to remove all of the grease.

Give all the parts a thorough clean to remove all of the grease and other crud before reassembly.

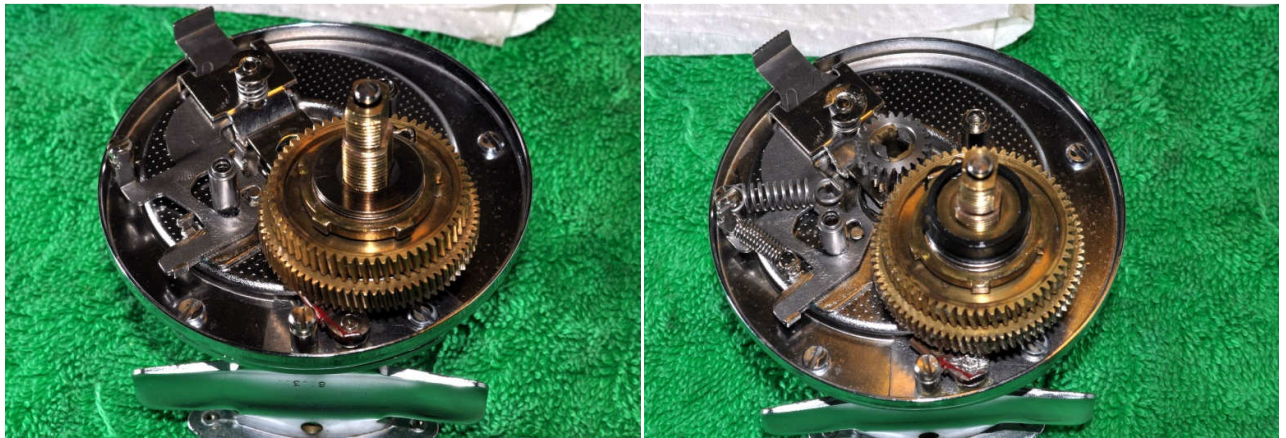


When the spool bearing is completely clean *and* dry, add a couple of drops of oil of your choice to the bearing-a thicker oil is probably better on a reel this size. Replace the bearing in the side plate and then replace the circlip holding it in place. It is a good idea to lightly smear the outside surface of the bearing in oil to stop it sticking in the side plate.

Replace the free spool press arm, free spool clutch and the pinion yoke in the frame applying a light coat of grease to the friction surfaces. Replace the pinion yoke spring and the pinion yoke lock.



Smear some thick oil on the shaft and replace the copper shim. Attach the anti reverse dog to the drive shaft (note correct orientation) and then replace on the side plate. Replace the main gear assembly-remember to apply a thin coat of drag grease to the drive shaft where the gear contacts.



Replace the low speed gear assembly, again remembering to smear some grease on the main shaft where the gear contacts.

Replace the press arm spring and the clutch spring. The pinion yoke can be lifted up and the pinion gear replaced. Apply some grease where the pinion gear contacts the pinion yoke. Apply a light coat of grease to the gear teeth.



Replace the side plate-note that there is a notch in the side plate that holds the drive shaft bearing casing (black plastic part) in place-these need to line up. Replace the two bridge screws (applying grease to the threads) and then replace the star drag, friction washer, handle spacer, handle and e-clip. Then replace the handle nut, handle nut locking plate and locking plate screw.

For the left side plate fully loosen the two slotted screws on the inner plate in the picture-these are held captive in the plate.



The inner plate lifts off. The bearing is held in the inner plate with a circlip. Remove, clean and oil the bearing and then replace in the inner plate. To the left of the picture you can see the click ratchet (jagged circular part). If you remove this then on the other side there are three pins for your fibre centrifugal brakes-it's a good idea to clean any oil off these.

Add some oil to the both ends of the spool shaft and also where it contacts the pinion gear. Replace the spool and then replace the left side plate. Put the reel in free spool and then turn the left cast control cap until the spool *just* starts to rotate. Set the dial so that 0 aligns with the notch in the spool cap. You can use the spool cap to help with casting as in this model it applies pressure to the ends of the spool rather than lateral load to the spool bearings.

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