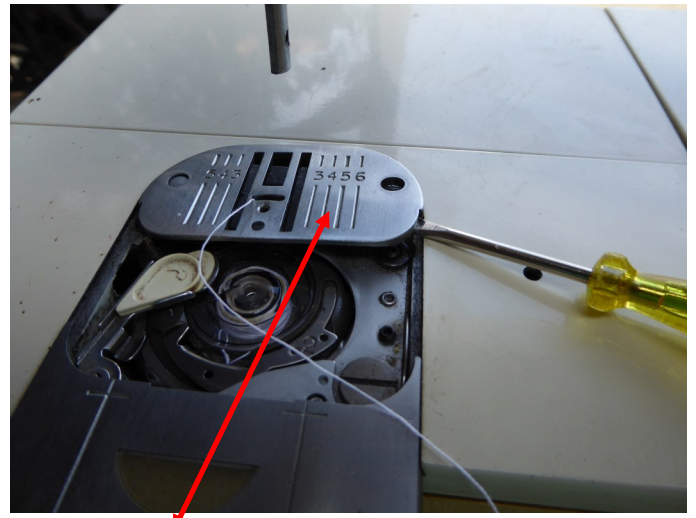


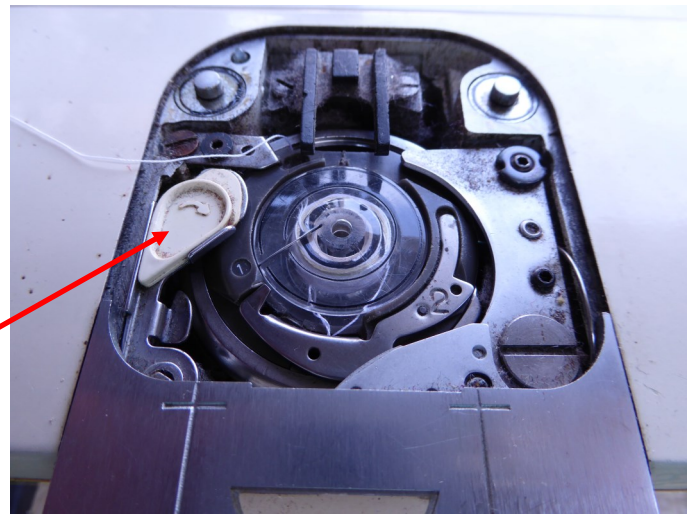
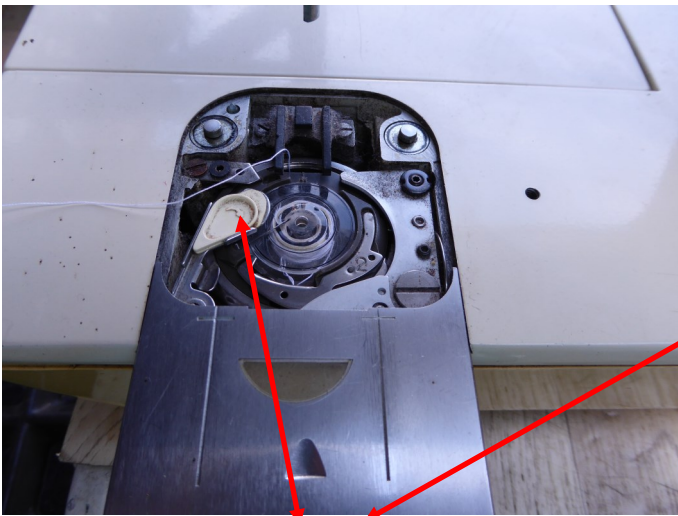
Nähmaschinengehäuse öffnen Singer Futura 2000



Nadel, Nähfuß entfernen und Spulenabdeckung vorziehen.



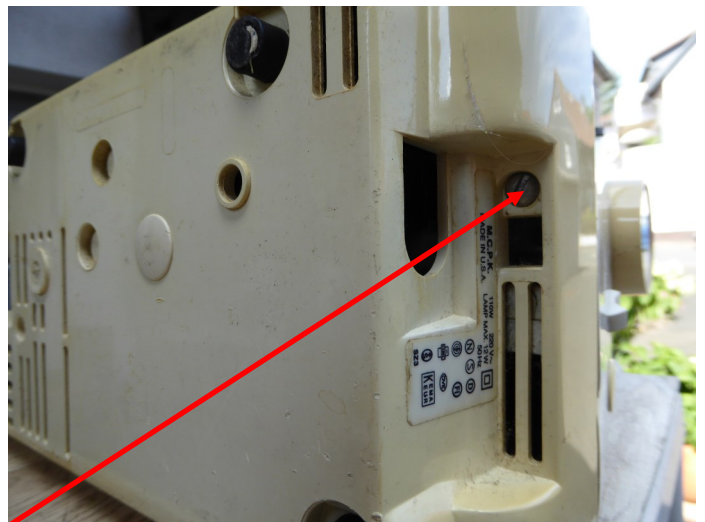
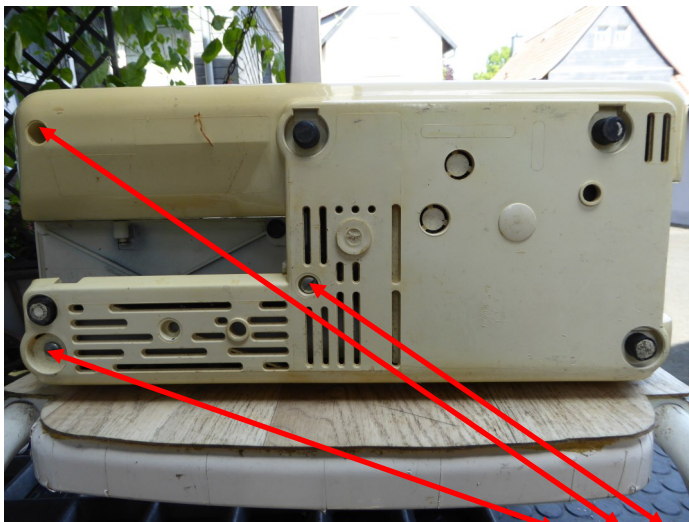
Stichplatte abheben



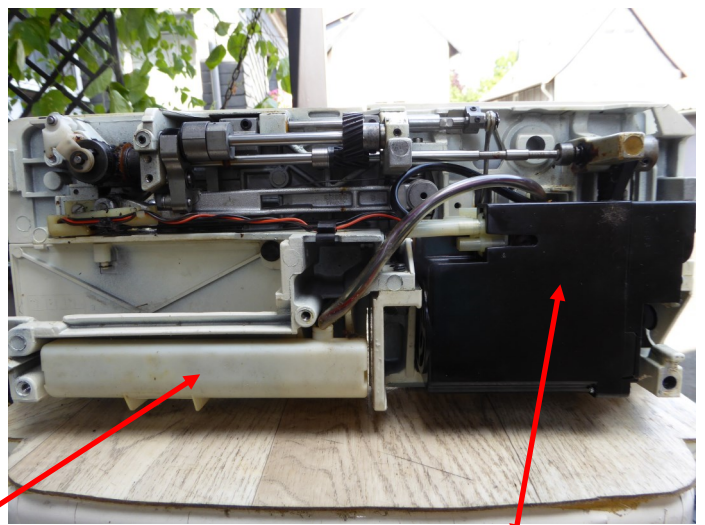
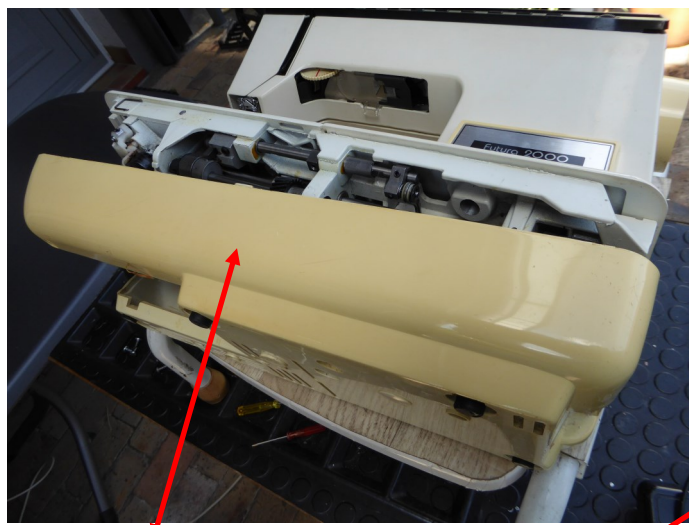
Umschalthebel zum Spulen nach links schieben und Spule entnehmen.



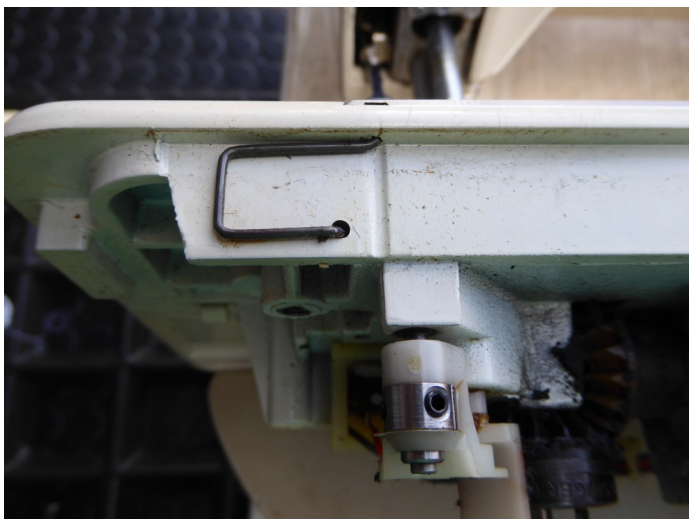
Nur solche Spulen verwenden, sie bleiben beim Aufspulen in der Nähmaschine.



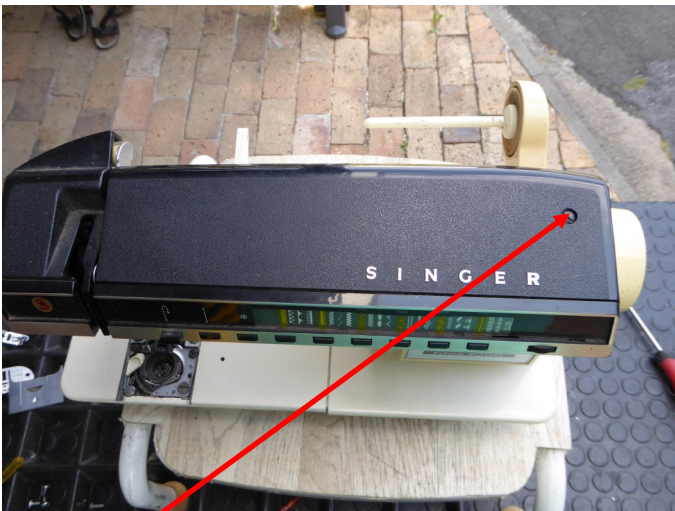
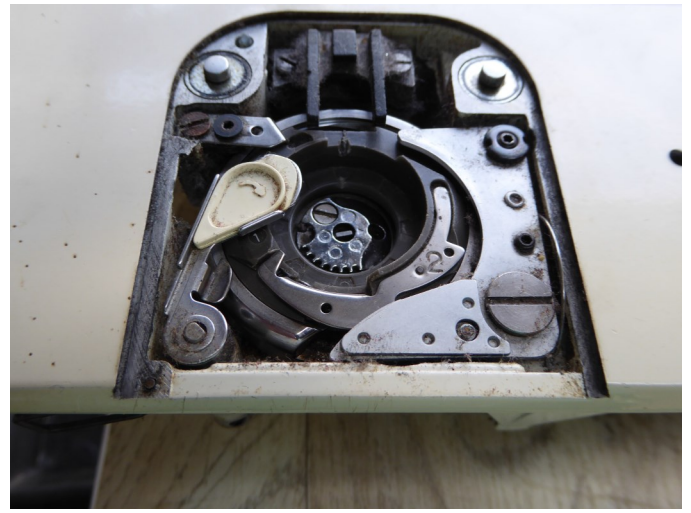
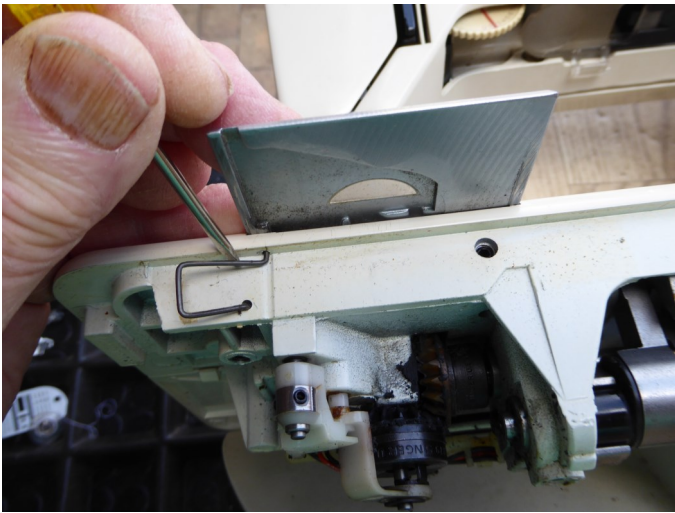
Schrauben entfernen



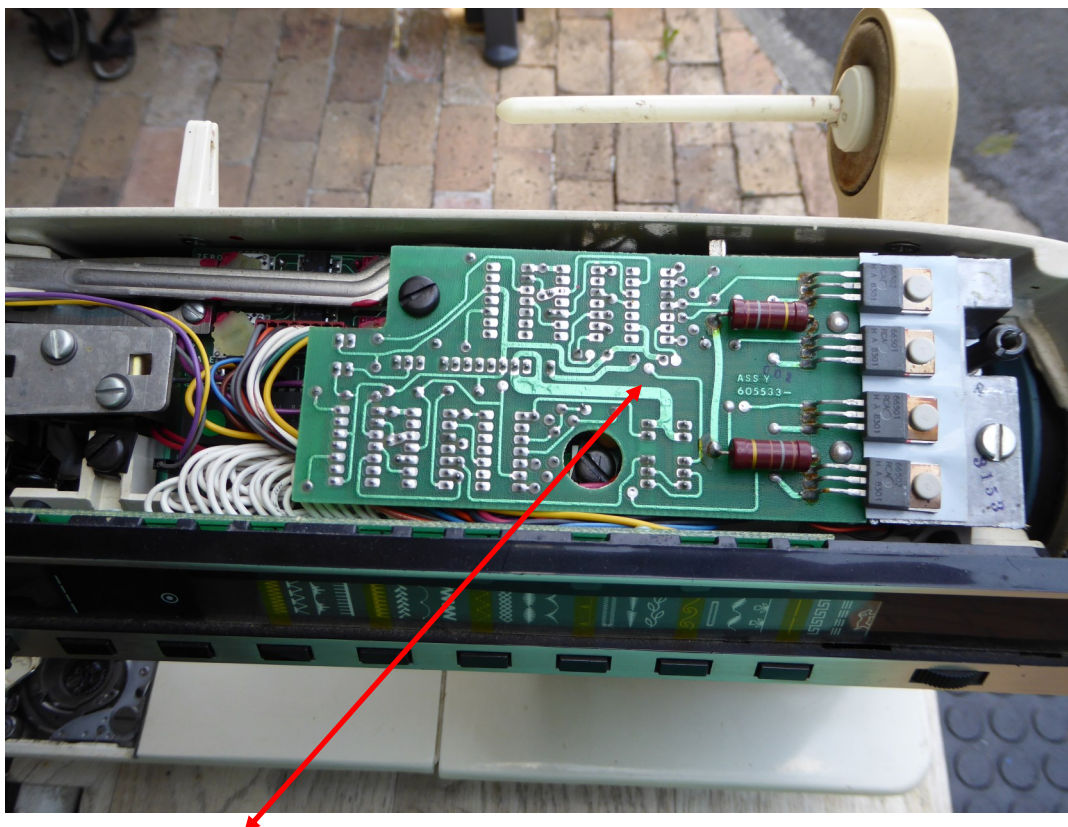
Gehäuse abziehen. 2 Kondensatoren im Gehäuse. Motorblock



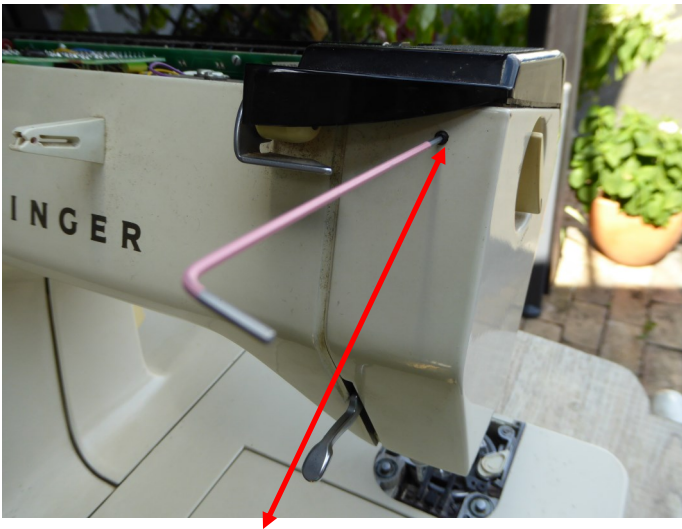
Sperre für Spulenabdeckung nach unten ziehen und Spulenabdeckung abziehen.



Schraube entfernen und Abdeckung nach rechts abziehen.



Programmsteuerung



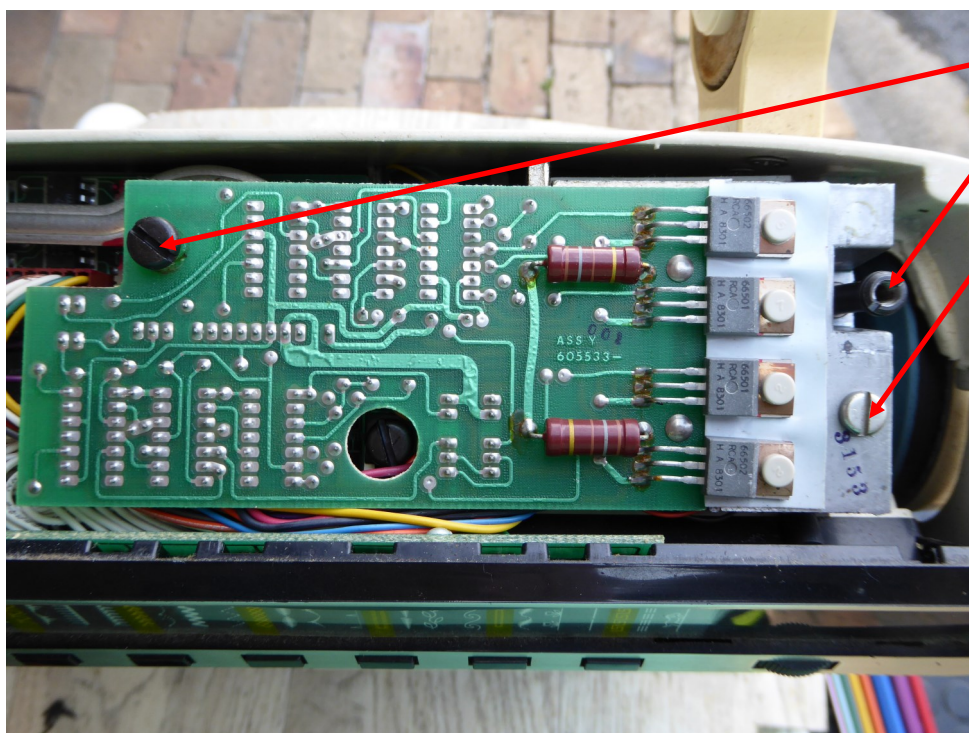
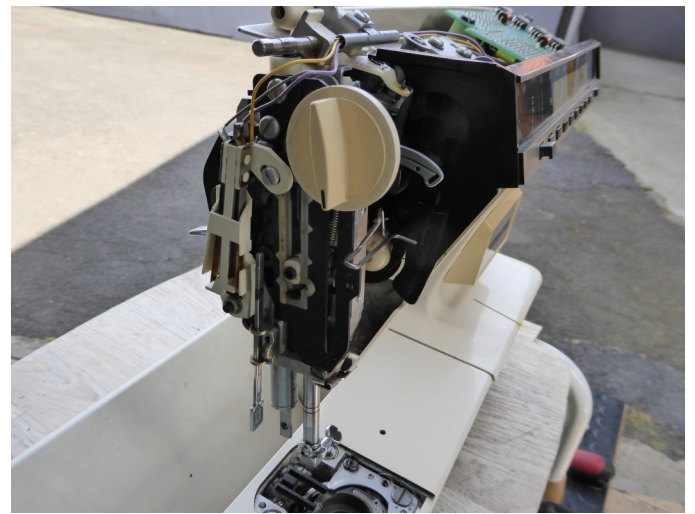
Madenschraube lösen,



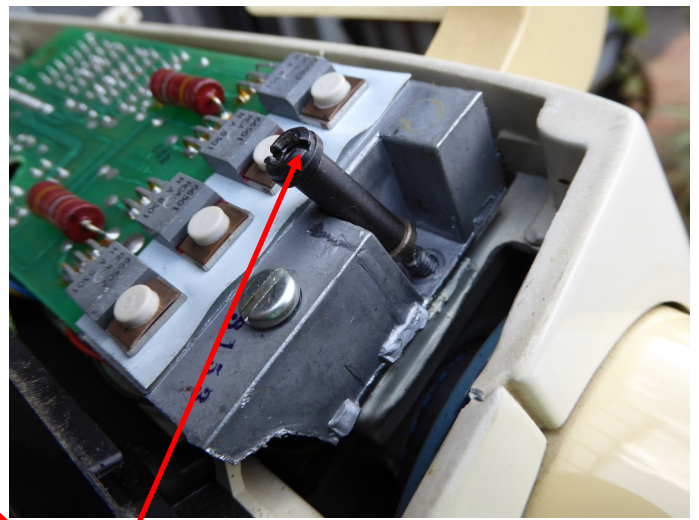
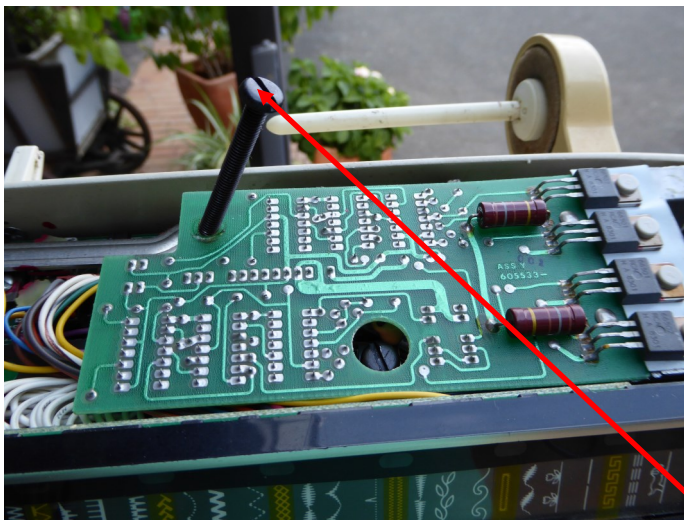
Schraube entfernen.



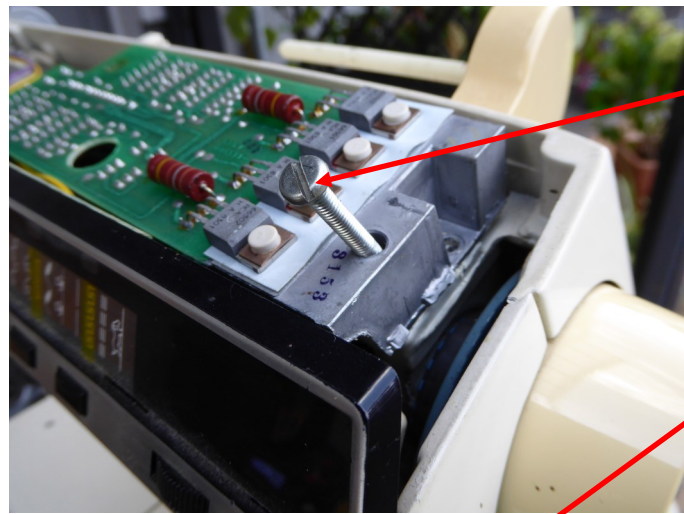
Abdeckung abnehmen



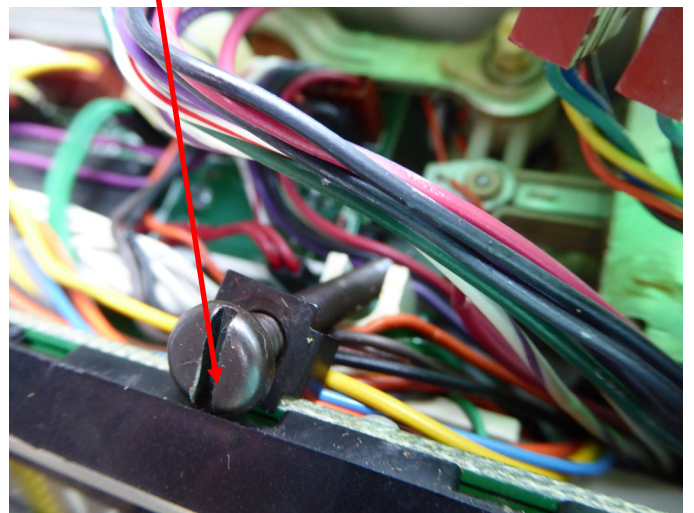
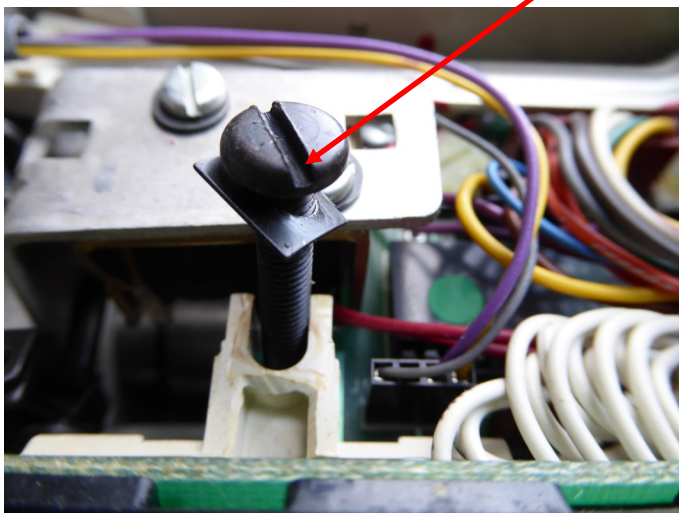
Schrauben
entfernen

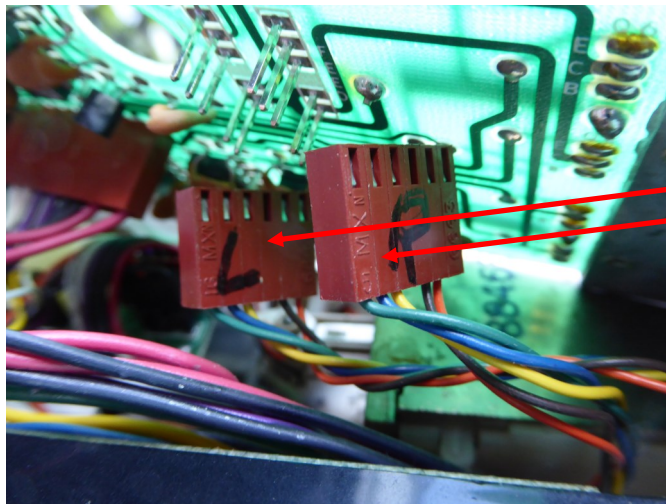
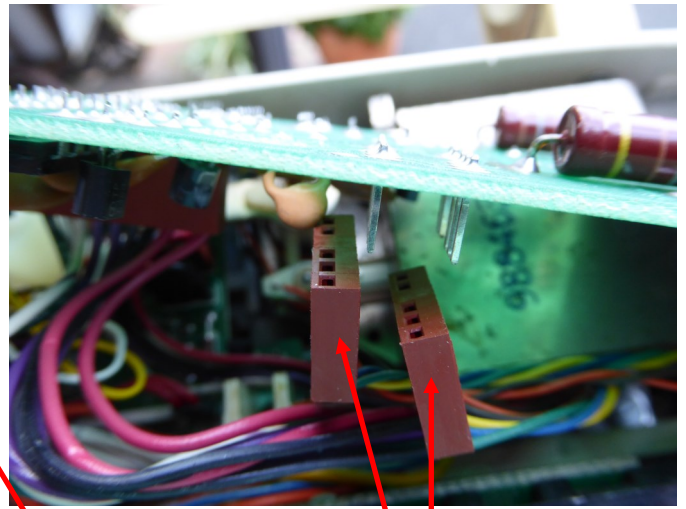
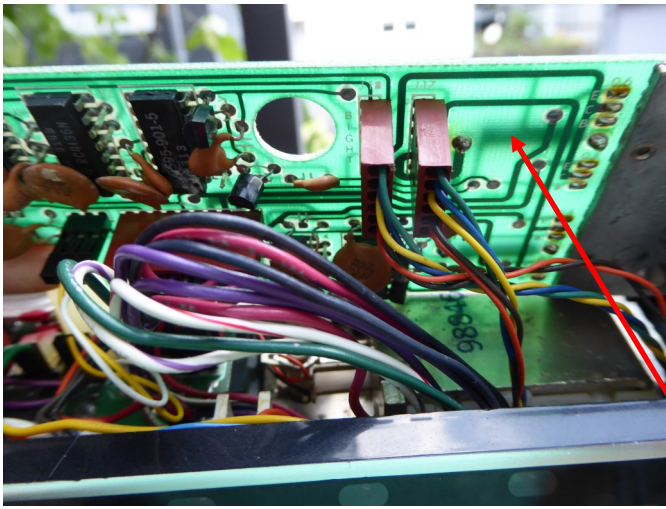


Schrauben entfernen

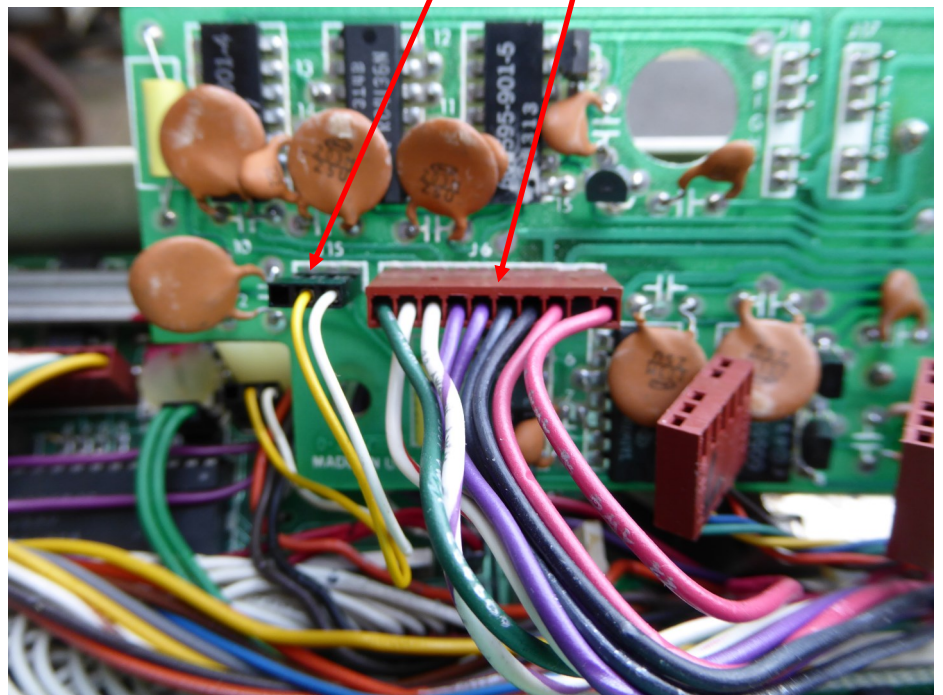


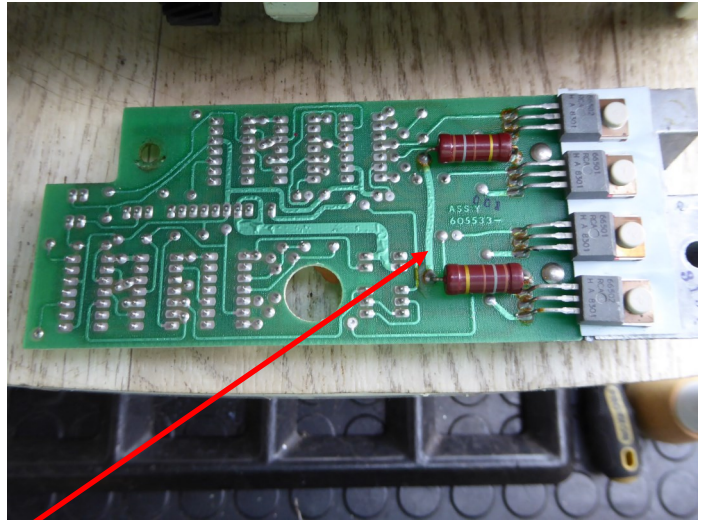
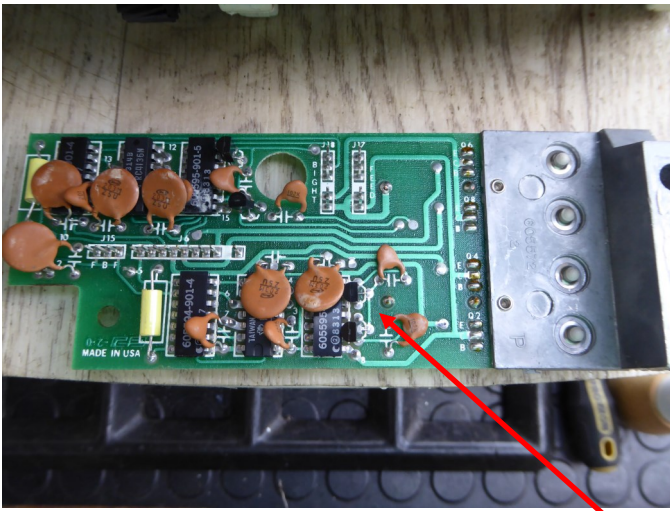
Schrauben von der vorderen
Blende entfernen.





Platine anheben, Stecker abziehen und kennzeichnen.

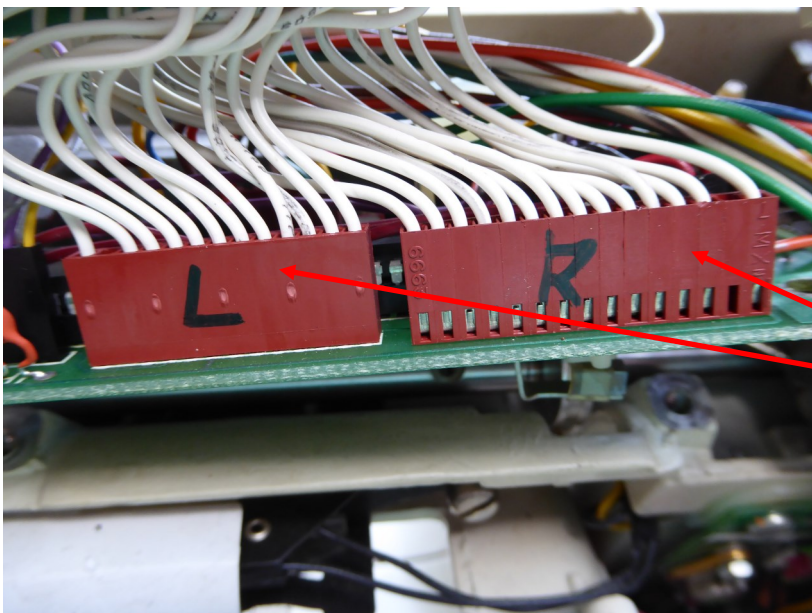




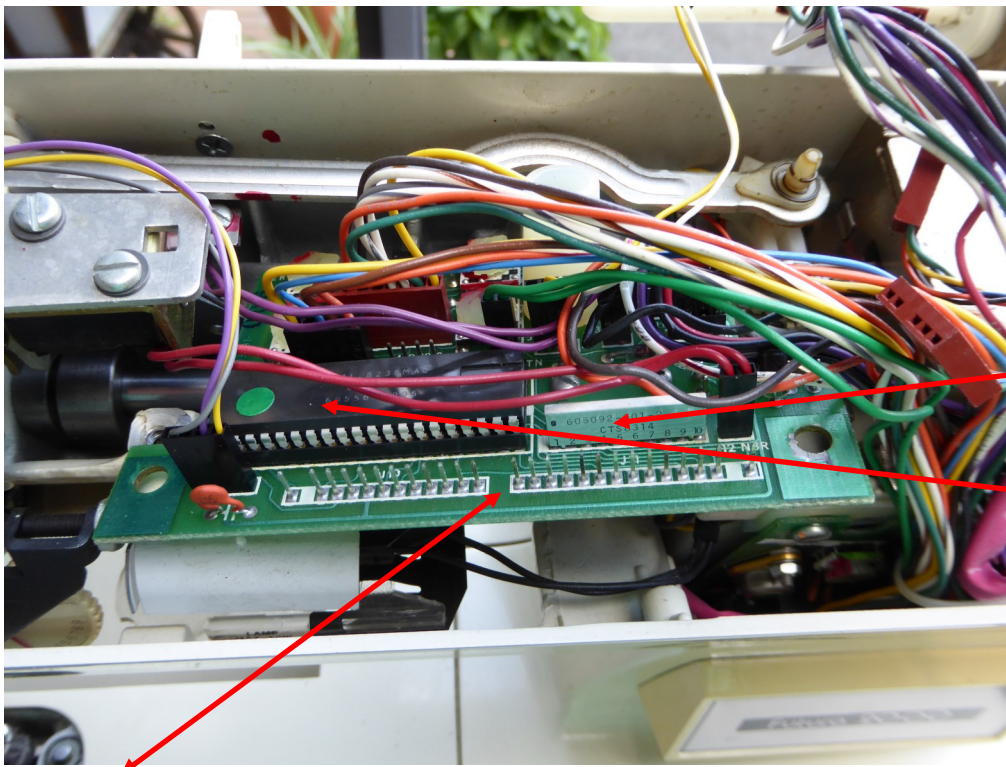
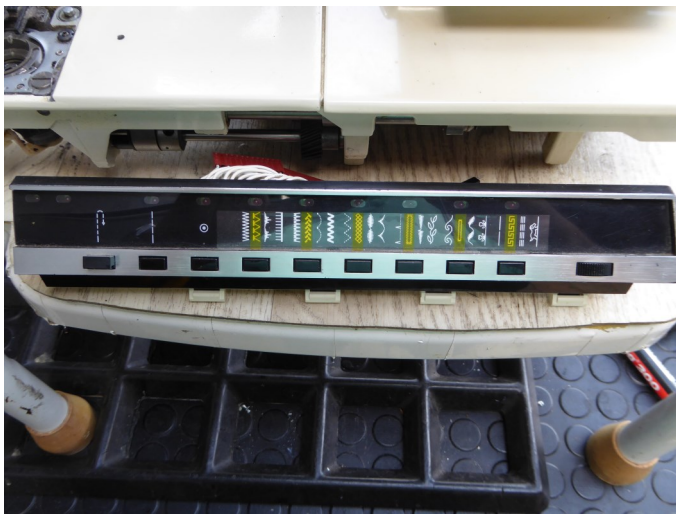
Obere Steuerplatine



Steckverbindung lösen.

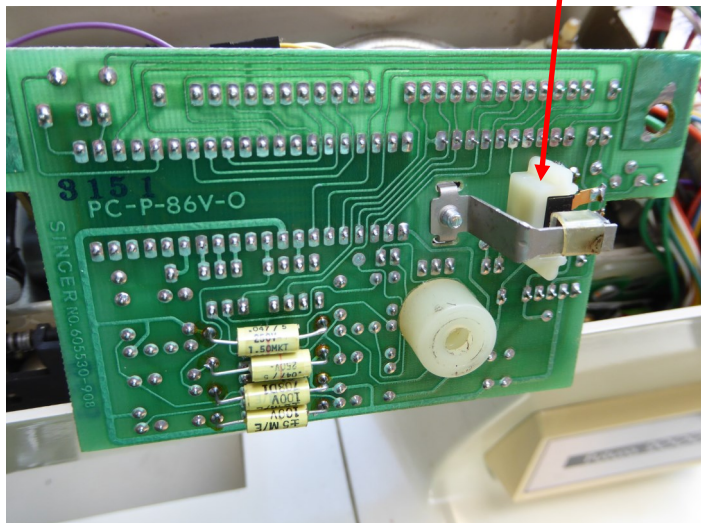


Anschlüsse kennzeichnen und abziehen.



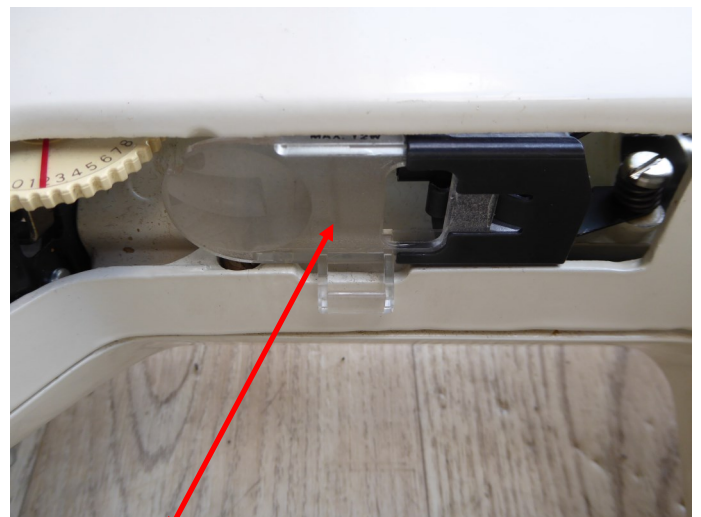
Untere Platine
mit
Prozessor

Platine nach vorne rausziehen. Eventuell dabei das Handrad drehen, wegen dem Impulsgeber für die Drehzahlmessung.

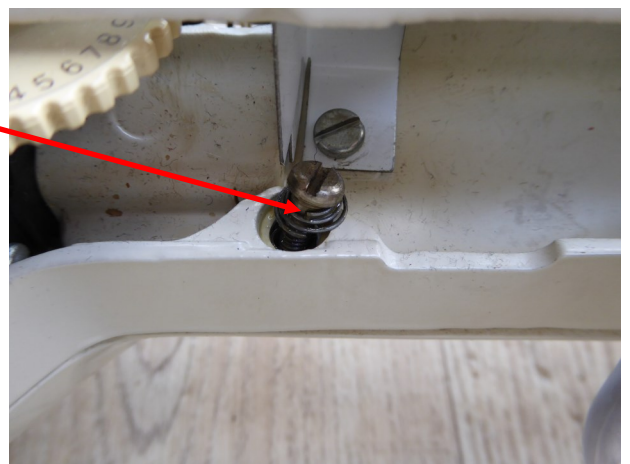
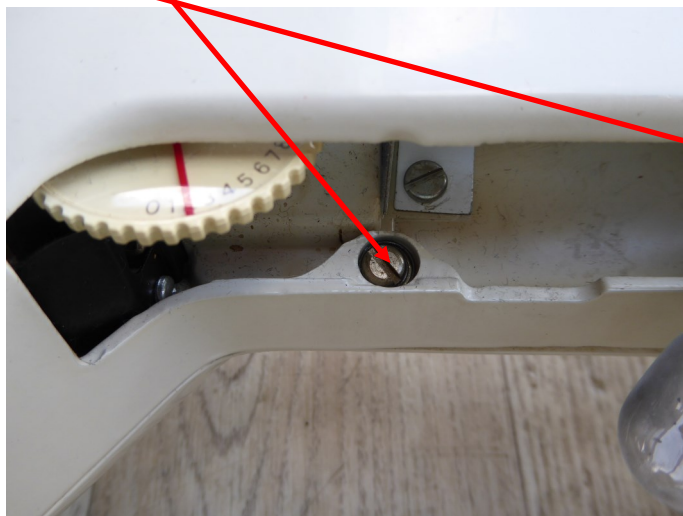




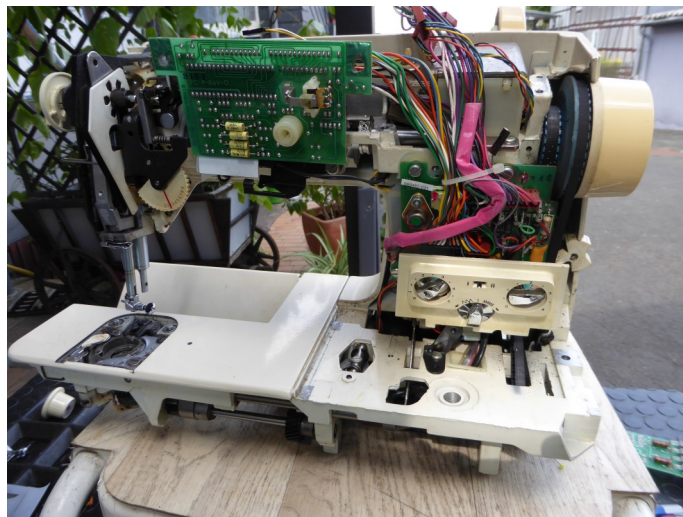
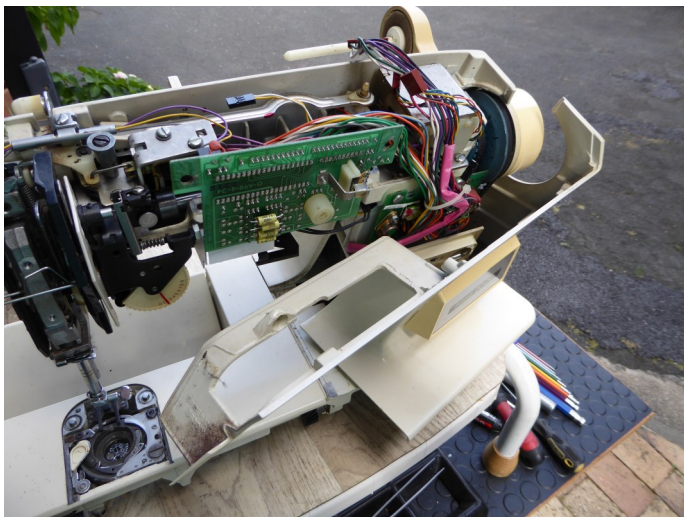
Schraube entfernen



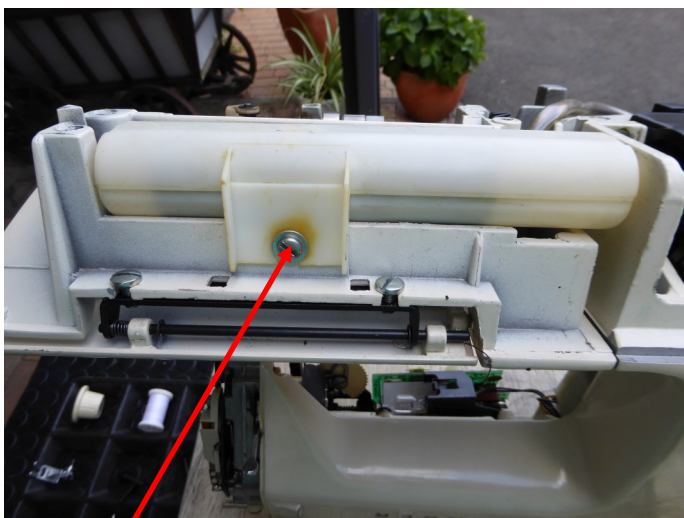
Lampenabdeckung herunterklappen



Lampenabdeckung aus der Halterung ziehen, ansonsten kann das Vordergehäuse nicht abgenommen werden.



Vorderteil abnehmen



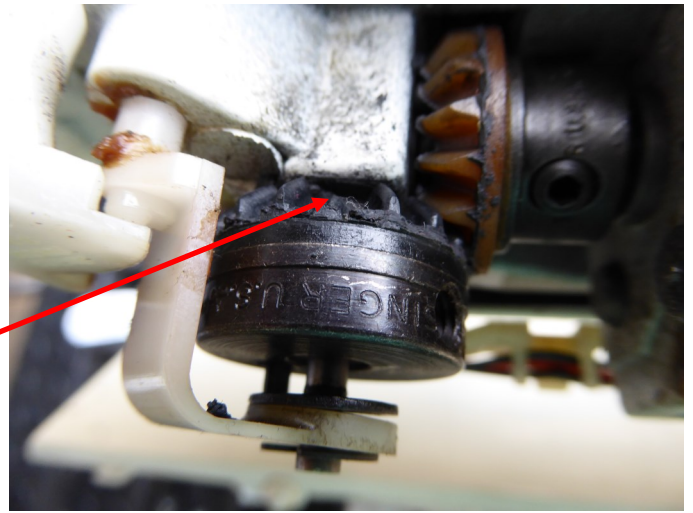
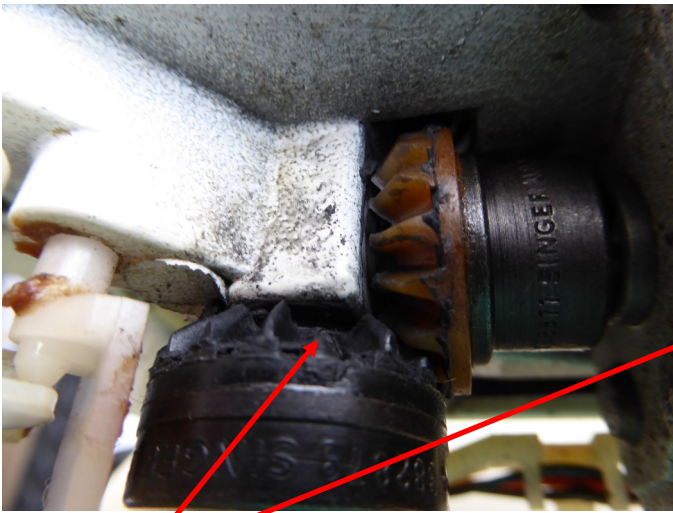
Schraube entfernen



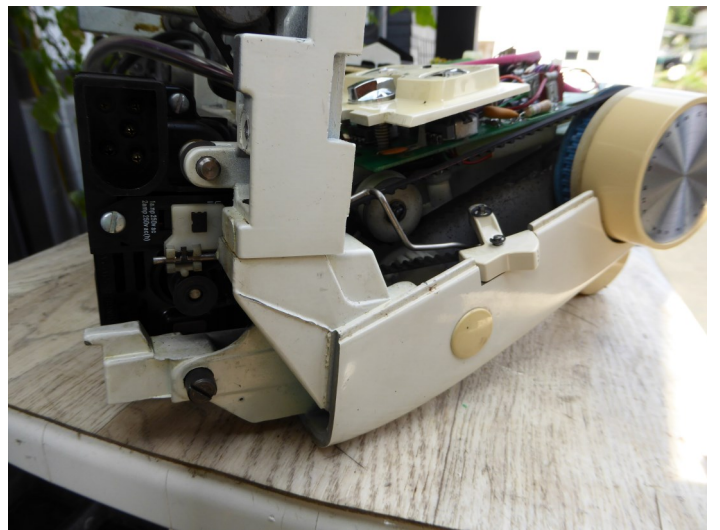
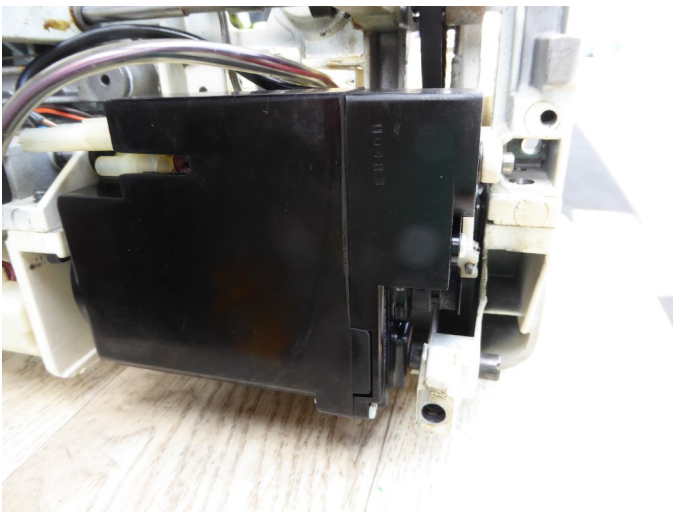
Gehäuse öffnen



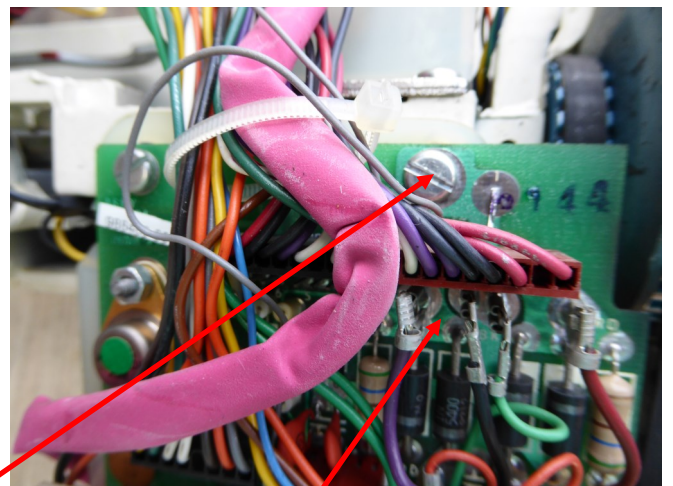
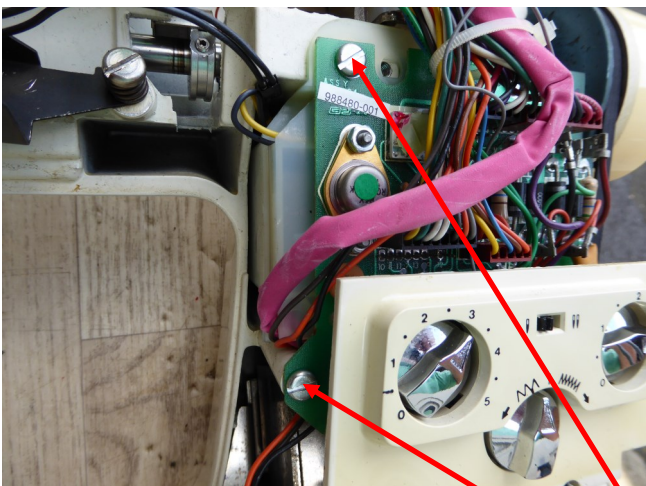
In dem Gehäuse sind 2 Kondensatoren.



Zahnrad defekt, Zähne ausgebrochen.

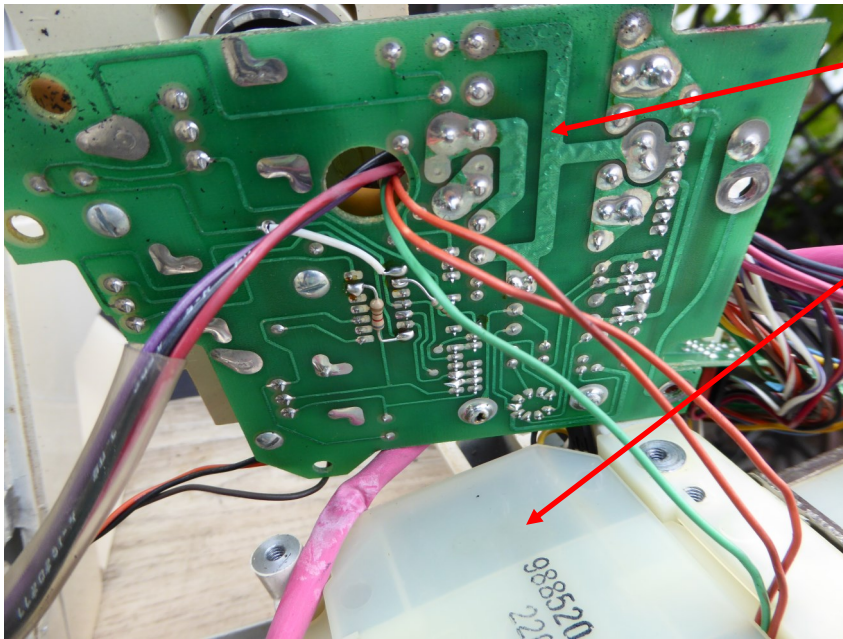


Hinter der Abdeckung ist der



Schrauben entfernen

Stromversorgungsplatine



Stromversorgungsplatine zur Seite legen und die Plastikabdeckung abnehmen

Netztrafo



Nähmaschine in umgekehrter Reihenfolge wieder zusammenbauen.