

Rock-Ola in the Archive von Jukebox-World

Speed of record is too slow. Here at a Rock Ola 453. What has been made?

1.) First of all, cleaned the inner edge of the turntable (on which the idler wheel rotates) with white spirit.

2) Replaced all bearing rubbers of the turntable motor.

3) Removed old oil or grease from the drives (white spirit) and lubricated a little with Ballistol.

4) New idler wheel fitted. New spring fitted.

None of this brought any audible success, the speed was still too slow (audible). So I removed the turntable motor and opened it using the 4 screws (no. 1).

Cleaned the lower bearing (no. 2) several times with a cotton bud soaked in benzine.

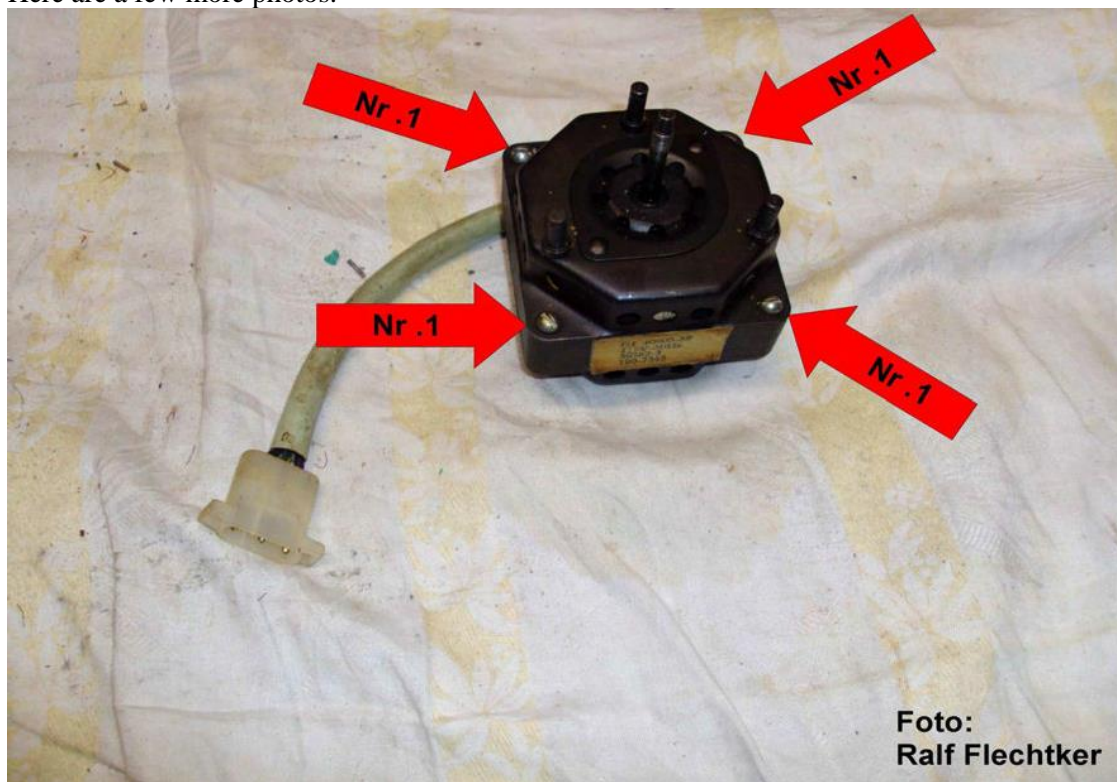
Upper bearing (no. 3) is movable. Also cleaned it with white spirit while moving the shaft. Also cleaned the shaft (no. 4) at the top and bottom with white spirit.

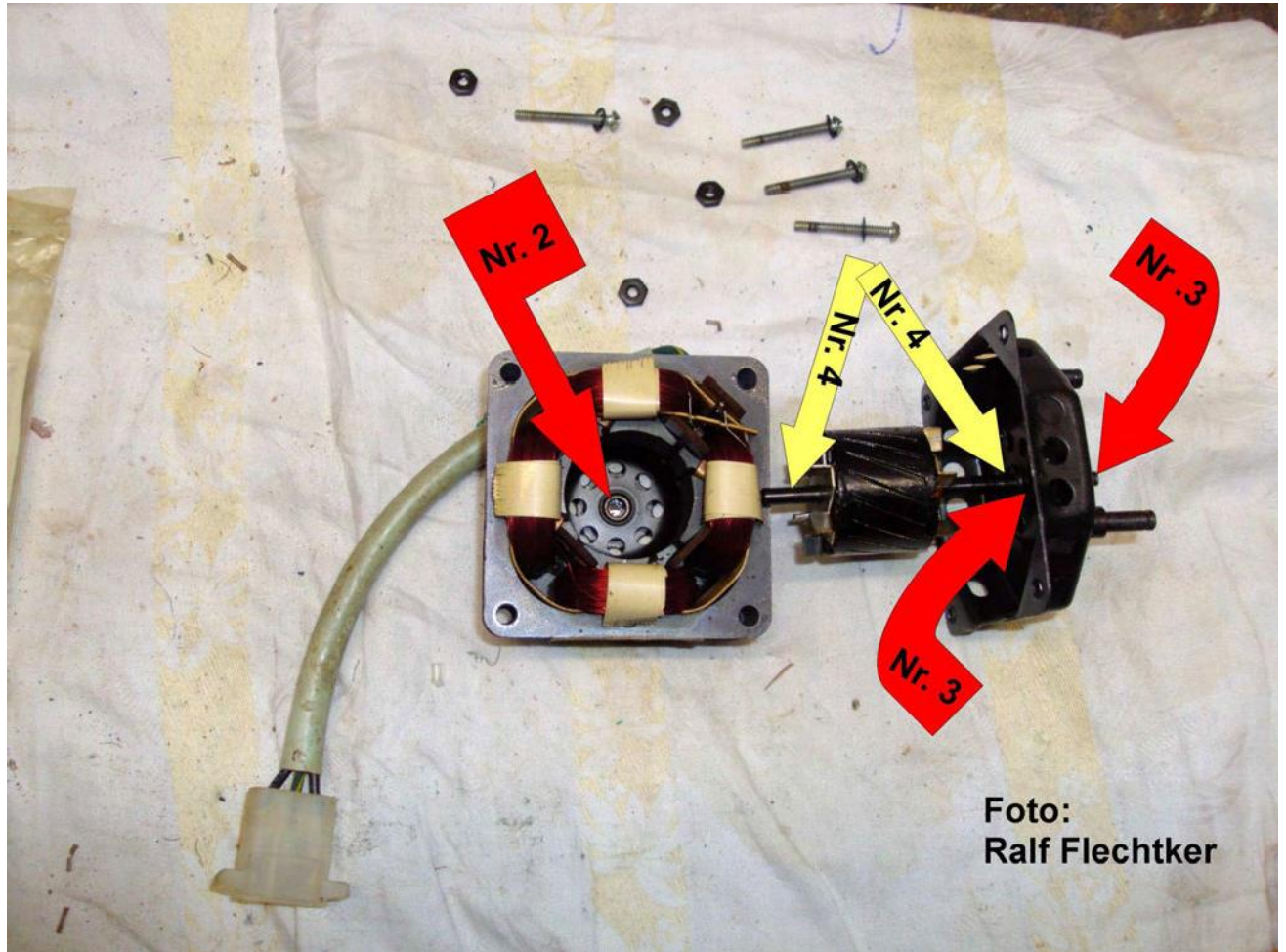
Made the upper bearing moveable with Ballistol oil by moving the shaft. Applied a little Ballistol oil to the lower bearing and reassembled everything (4 screws)

Now the shaft can be turned by hand and one can notice that it works better and the shaft still runs smoothly.

After installation in the jukebox, it turned out that it rotates perfectly and the records are played at the correct speed. So the cause was the turntable motor.

Here are a few more photos:





Good success!