



Jensen JTA-230 Motor Replacement

This guide will go through the steps of dissassembling the Jensen record player in order to replace one of the most critical elements, the motor.

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INTRODUCTION

A record player can play music due to a variety of mechanisms. The contact of the stylus against a rotating record creates vibrations, these are converted into electrical signals which are then converted into sound. This all goes back to the motor. Without the motor, the record can't turn. Therefor replacement is necessary if the motor breaks. The Jensen 230 record player carries a 9/12 V DC motor. It is located inside the record player. Removal of the motor is fairly simple, however, some some further soldering work is necessary to replace the motor entirely.

TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Soldering Iron](#) (1)
 - [Tweezers](#) (1)
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Step 1 — Turntable Platter



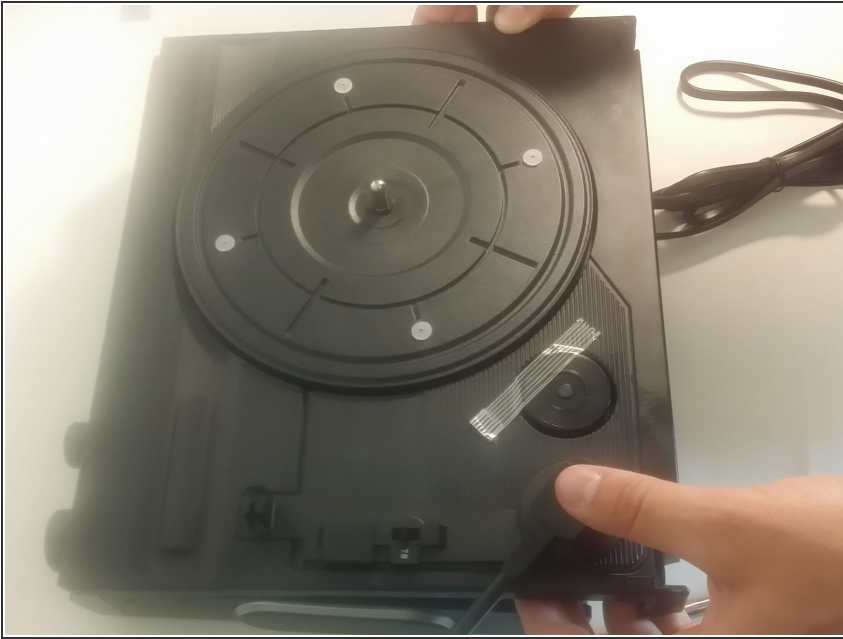
- Remove Cover from record player.

Step 2



- Remove the 4 rubber plugs which hold the turntable platter in place
- Gently but firmly pull the turntable platter off the axle.

Step 3



- Take replacement turntable platter affix it firmly and gently to the axle.

Step 4



- Replace rubber plugs

Step 5



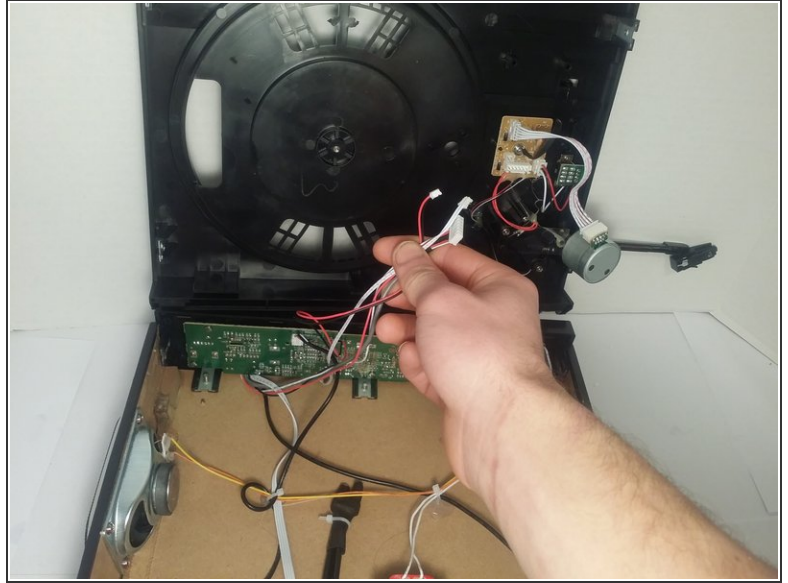
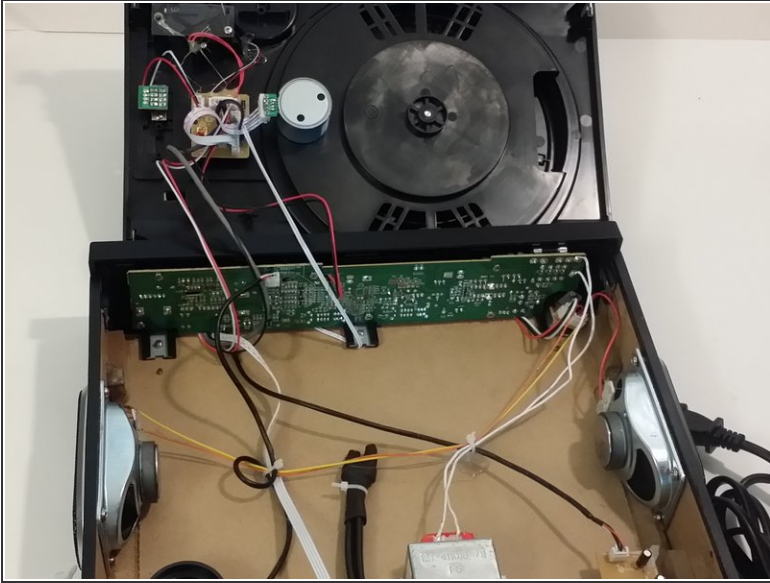
- Replace Cover

Step 6 — Motor



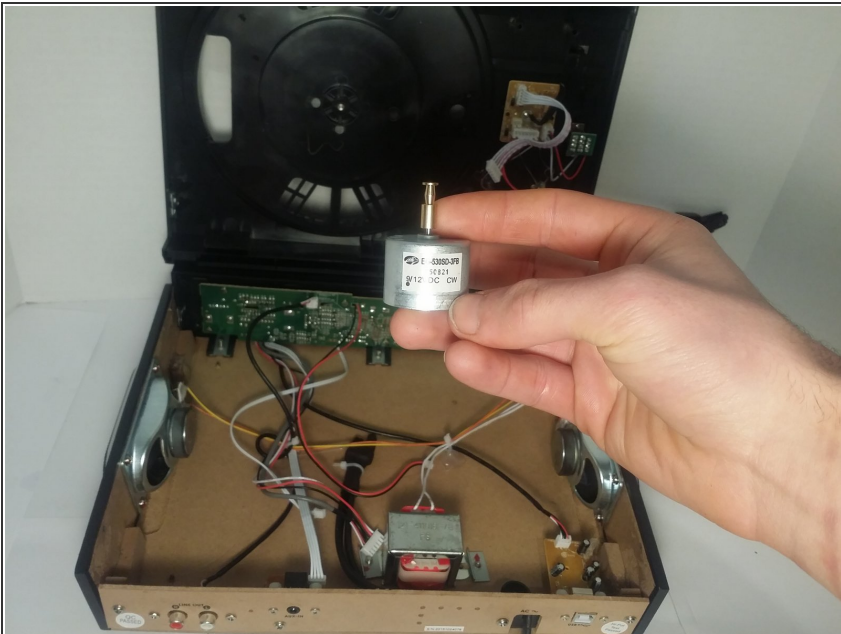
- After removal of the turntable platter, 3 small screws can be seen. Remove the 3 screws which hold the motor in place.
- On both the right and left side, there are 3 screws, remove each of them.

Step 7



- Gently Pull the top off of the sides and flip over to reveal the circuitry.
- To remove the top entirely, remove each electrical connection with a pair of tweezers. There are 3, each connecting to the speakers.

Step 8



- Remove the Motor from the record player
- Using a soldering iron, remove the motor from the circuitry.
- Replace motor with new one.

To reassemble your device, follow these instructions in reverse order.