



# Thomas Kinkade Wonderland Express Disassembly

Disassembly to solve problems with movement of trains and lights.

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## INTRODUCTION

This guide will show you how to disassemble the device in order to solve the problems with train movement and lights.

### TOOLS:

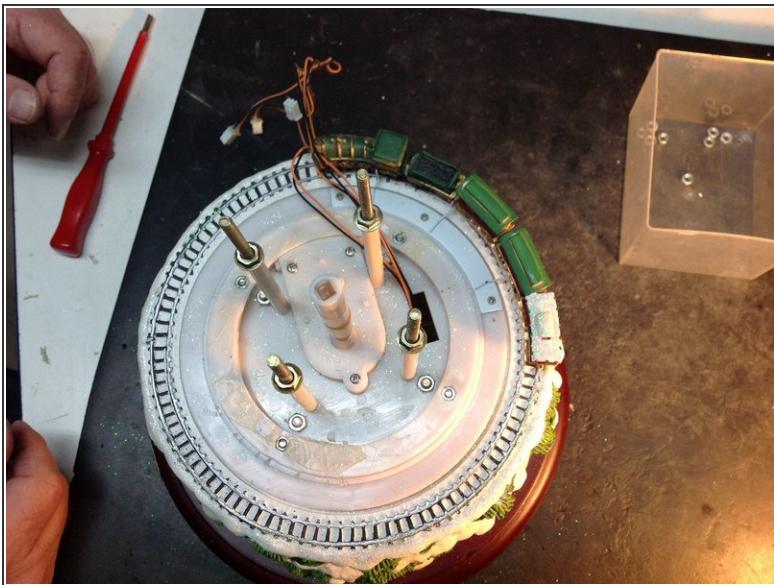
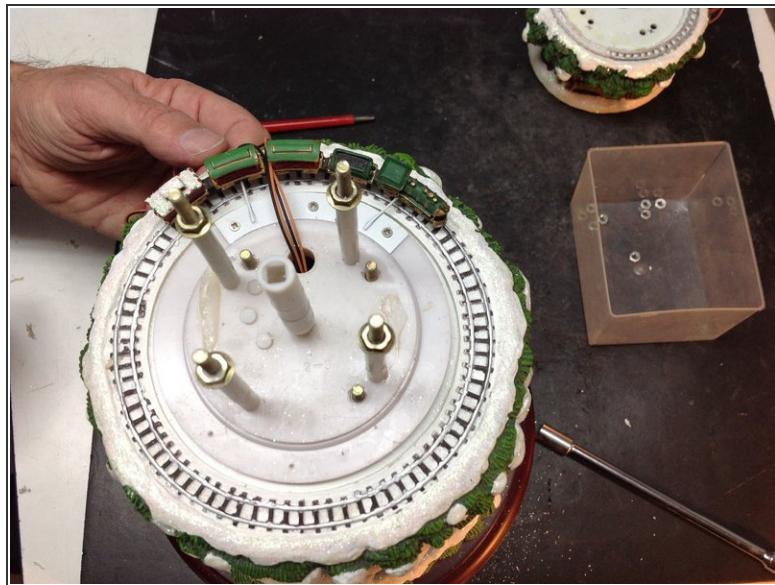
- Adjustable Wrench (1)

## Step 1 — Thomas Kinkade Wonderland Express Disassembly



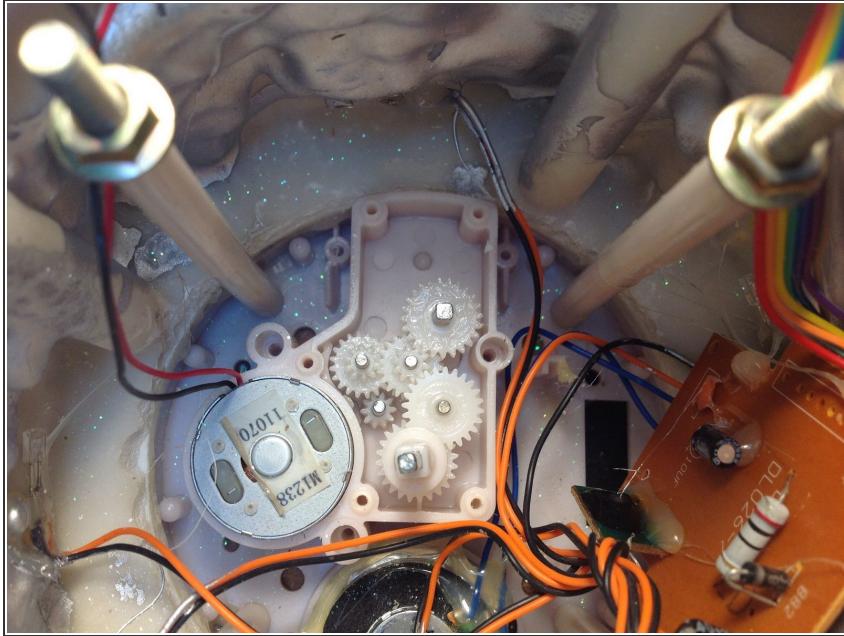
- The very top part is glued to the next one below. It has to be carefully cut off or using a very little saw to get it off the part below. Disconnect the connector for the lights and unscrew the four nuts.

## Step 2



- Disconnect the connector for the lights and unscrew the four nuts. The plastic part holding the train and the gear can be removed. Work one level down after the other. After removing the nuts the levels are glued to the next base so the glue needs to be cut or removed as well.

## Step 3



- View at the very base level with the motor on the left and the gearbox open.
- Found the problem to be a stuck gearbox which prevented the trains from moving
- Found problems on the PC board as well. Two transistors were overheated and not working any longer due to blocked gear box.

## Step 4



- Assemble in reverse order

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