Cordless Drill disassembly

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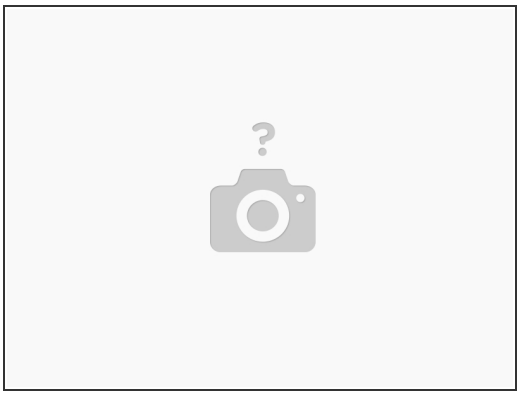
INTRODUCTION

A drill is an important tool required in every home as it is needed for removing fastened screws and for drilling holes. No matter if it is a portable or core drill, it is better to use the following repair tips to ensure your drill is always working

TOOLS:

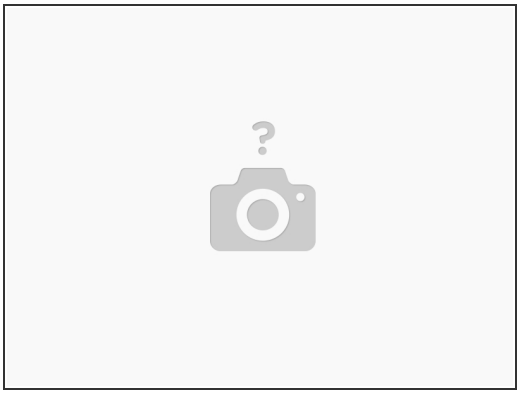
- Pro Tech Toolkit (1)

Step 1 — Cordless Drill disassembly



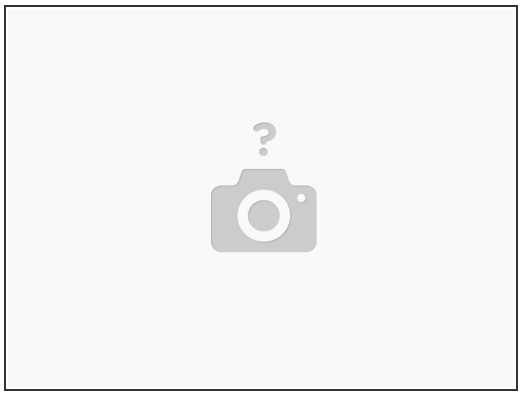
- Open the drill to analyze its internal pieces and find out which pieces have to be repaired or replaced.

Step 2



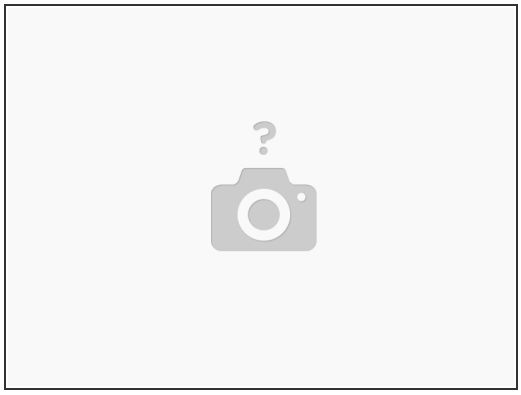
- Lay a towel on your work place, remove all the screws holding the drill together and place them on the towel. This ensures they don’t roll away. Next open the casing to expose the drill’s internal components.

Step 3



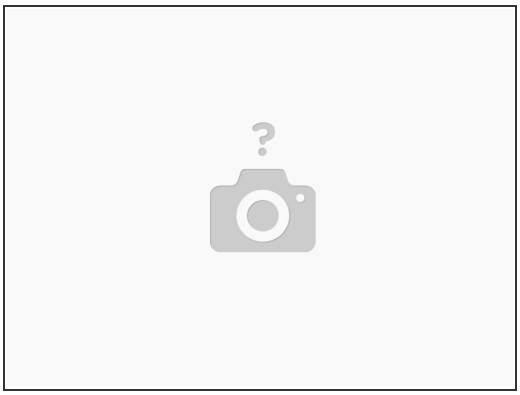
- Remove the screws at the bottom of the drill's mechanical components and gently pull out the components from the drill's exterior casing.

Step 4



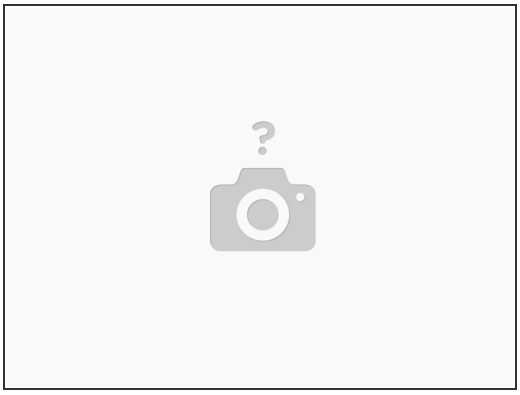
- Check the trigger component under the drill motor as this part may malfunction with frequent use. Replace any damage you see to the trigger assembly.

Step 5



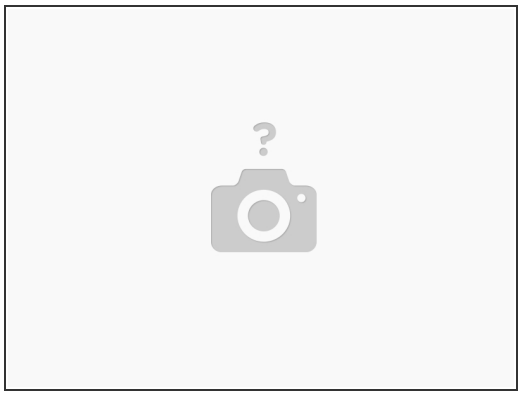
- Next check the plastic wheel fans for damage which also may break into pieces with frequent use. Slide out these pieces from the portable drill's assembly to replace them.

Step 6



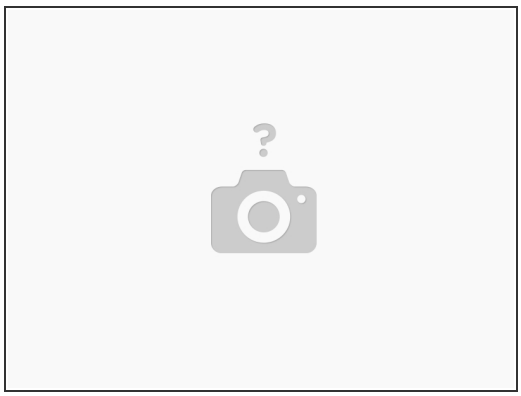
- After inspecting the interior components, reassemble the portable drill by placing all pieces in its original places and closing the exterior casing by refastening all removed screws.

Step 7



- Switch on the drill to test it by placing a multimeter's two prongs to the portable drill’s electrical wiring. Record the findings and compare them with the ohm and voltage information on the owner’s manual or in the back plate.

Step 8



- If the multimeter's reading and the listed voltage do not coincide, it means that the drill has an electrical wiring problem that has to be repaired by a qualified technician.

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