



RIDGID R84015 X2 Wiring Repair

Written By: Evan Long



INTRODUCTION

Use for a diagnosed wiring problem.

TOOLS:

- [Phillips #2 Screwdriver](#) (1)
 - [T20 Torx Screwdriver](#) (1)
-

Step 1 — RIDGID R84015 X2 Case Removal



- Remove the backplate.
- Using a Torx T20 screwdriver, remove the four screws attaching the back plate.

Step 2



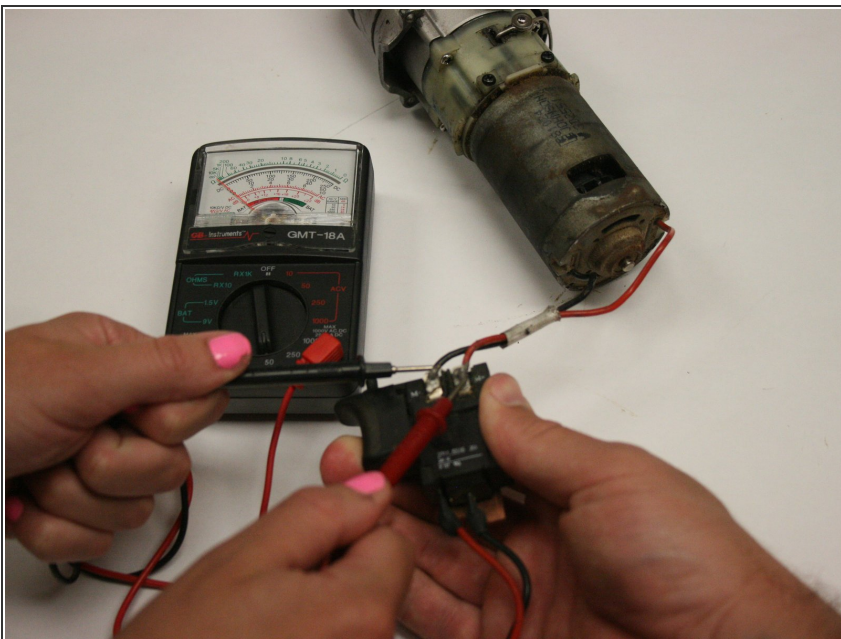
- Remove the drill handle.
- Using the Phillips #2 screwdriver, remove the five screws attaching the drill handle to the body.

Step 3



- Remove the gear casing from the body.
- Using the Philips #2 screwdriver, remove the four screws attaching the gear casing to the body.

Step 4 — RIDGID R84015 X2 Wiring Repair



- Use a multimeter set above 18V DC to check electrical connections where wires meet drill, switch, or battery terminal.

Step 5



- Look for corrosion or burnt wires.
- If there are any bad connections or if there is visible damage, replace damaged wire and solder.

Step 6



- After soldering sand off jagged solder then wrap with electrical tape

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