DBPOWER RD-810 Magnifier Replacement

Replace the Magnifier.

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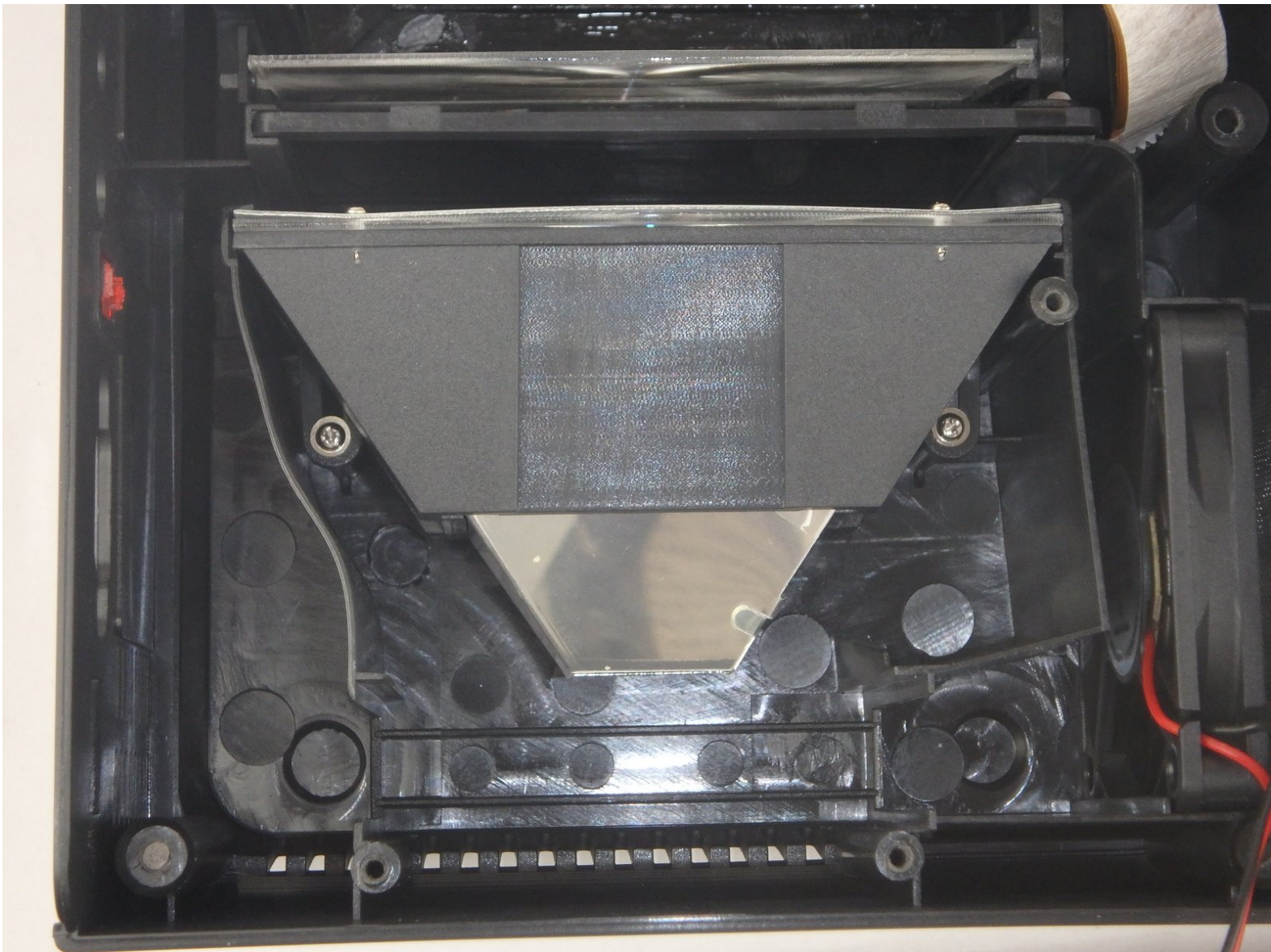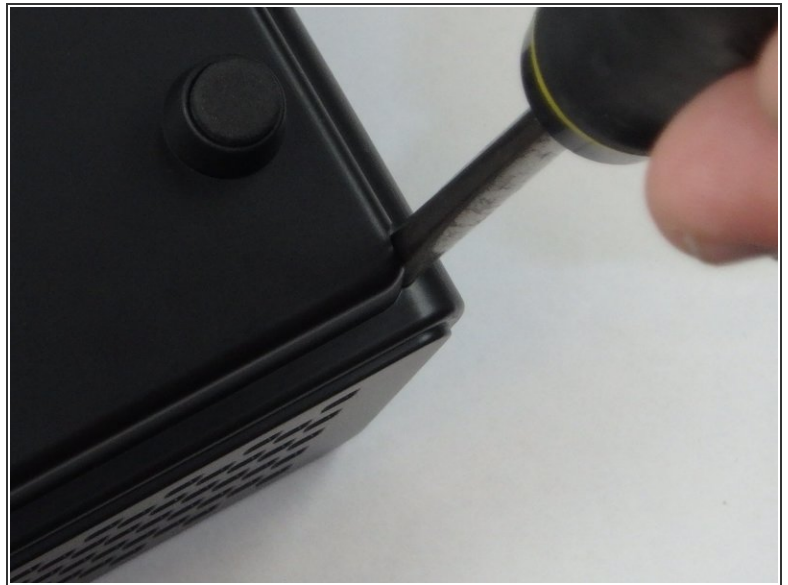
INTRODUCTION

The Magnifier amplifies the light from the LED bulb before it passes through the imager. Removing it allows better access to the imager and the LED bulb.

⚙ TOOLS:

- Phillips #2 Screwdriver (1)
- Phillips #3 Screwdriver (1)

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Step 1 — Top Cover

ⓘ Make sure the projector is unplugged before starting

● Place the projector upside down to access the screws on the bottom.

● Remove the five 7mm long screws using a #3 Phillips screwdriver at least 2 inches long.
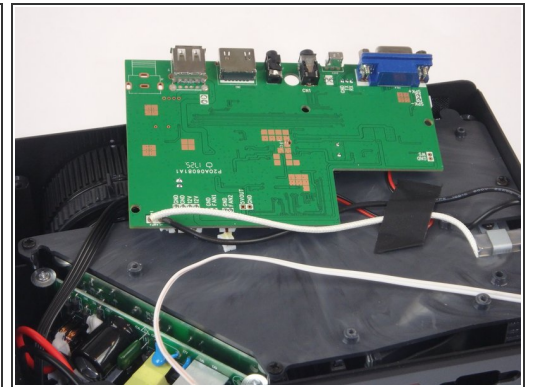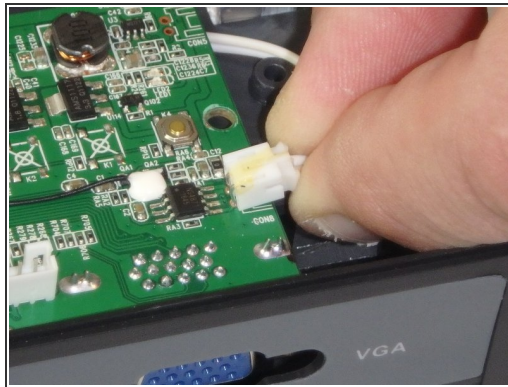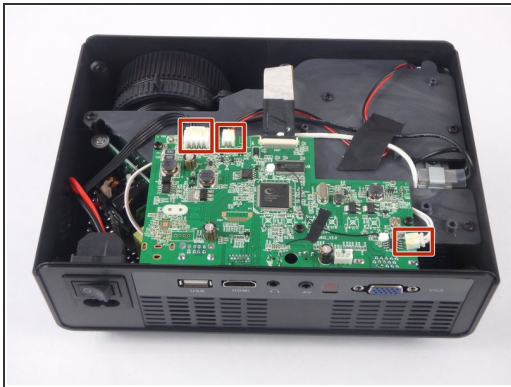
Step 2

● Flip the projector over and then remove the cover by lifting it up.

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Step 3 — Motherboard and LED Bulb
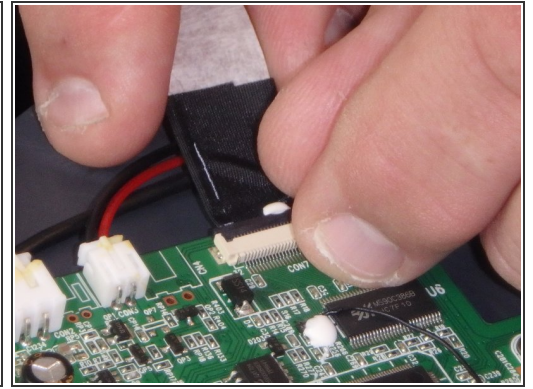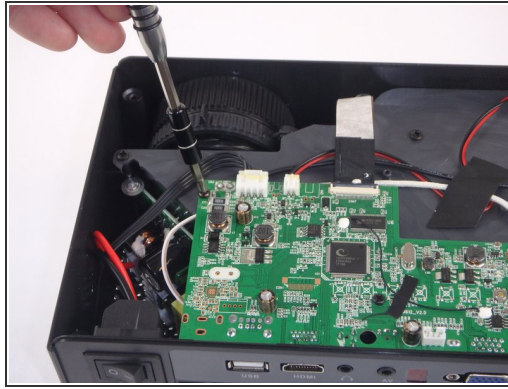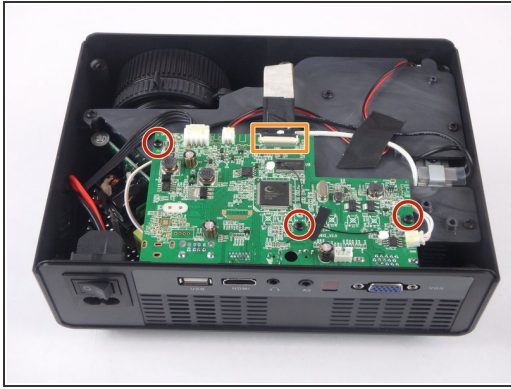
- Remove the three 6mm PH2 phillips head screws.

- Disconnect the ribbon cable by flipping up the latch on the connector and then pull the ribbon out.

Step 4

- Disconnect the three wire connectors. Grasp both sides of the connector and pull apart.

- ⓘ Keep the connector parallel to the mother board to avoid breaking the solder connection.

- Lift the motherboard up and place it out of the way.

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Step 5

- Remove the five 7mm PH2 phillips head screws on the black plate and lift the plate out.

- Lift the aluminum heat sink up to remove it from the projector.

- (i) The motherboard is already removed in this step.

Step 6 — Magnifier
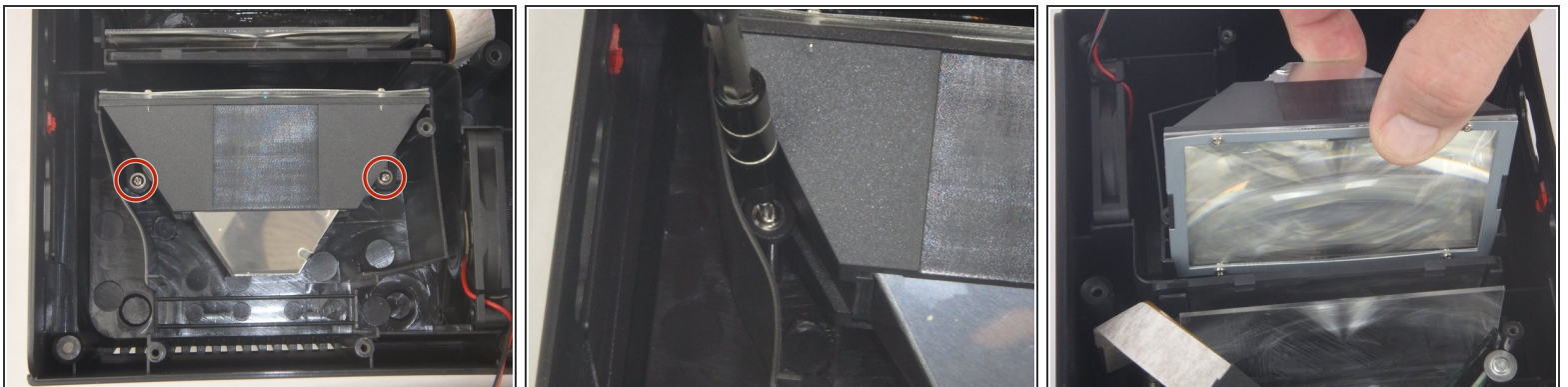
- Remove the two 9mm PH2 phillips head screws.

- Lift the Magnifier out of the projector.

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

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