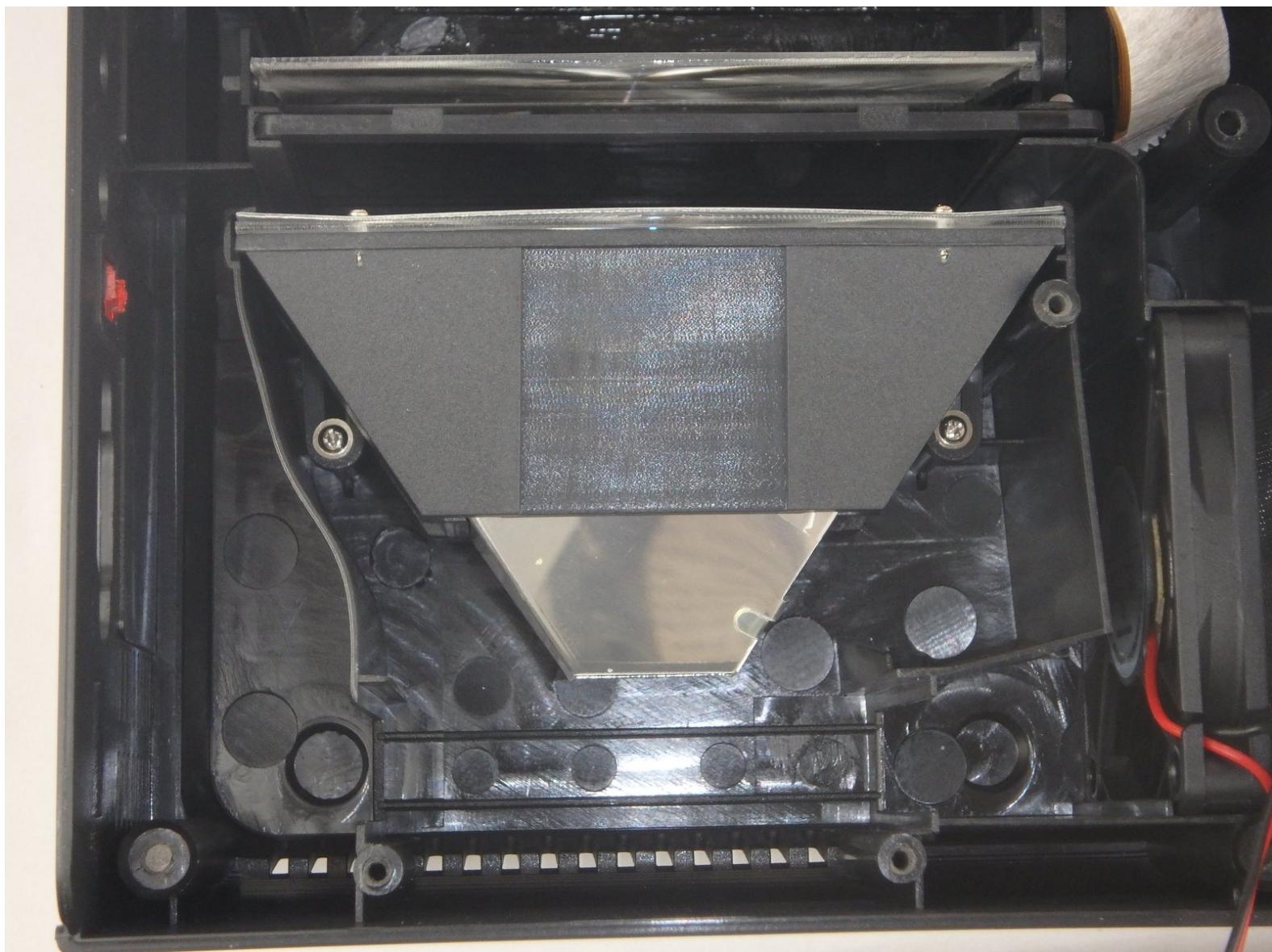




# DBPOWER RD-810 Magnifier Replacement

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)

## Step 1 — Top Cover



*(i)* 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.

## 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.
- *(i)* 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.

## 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.