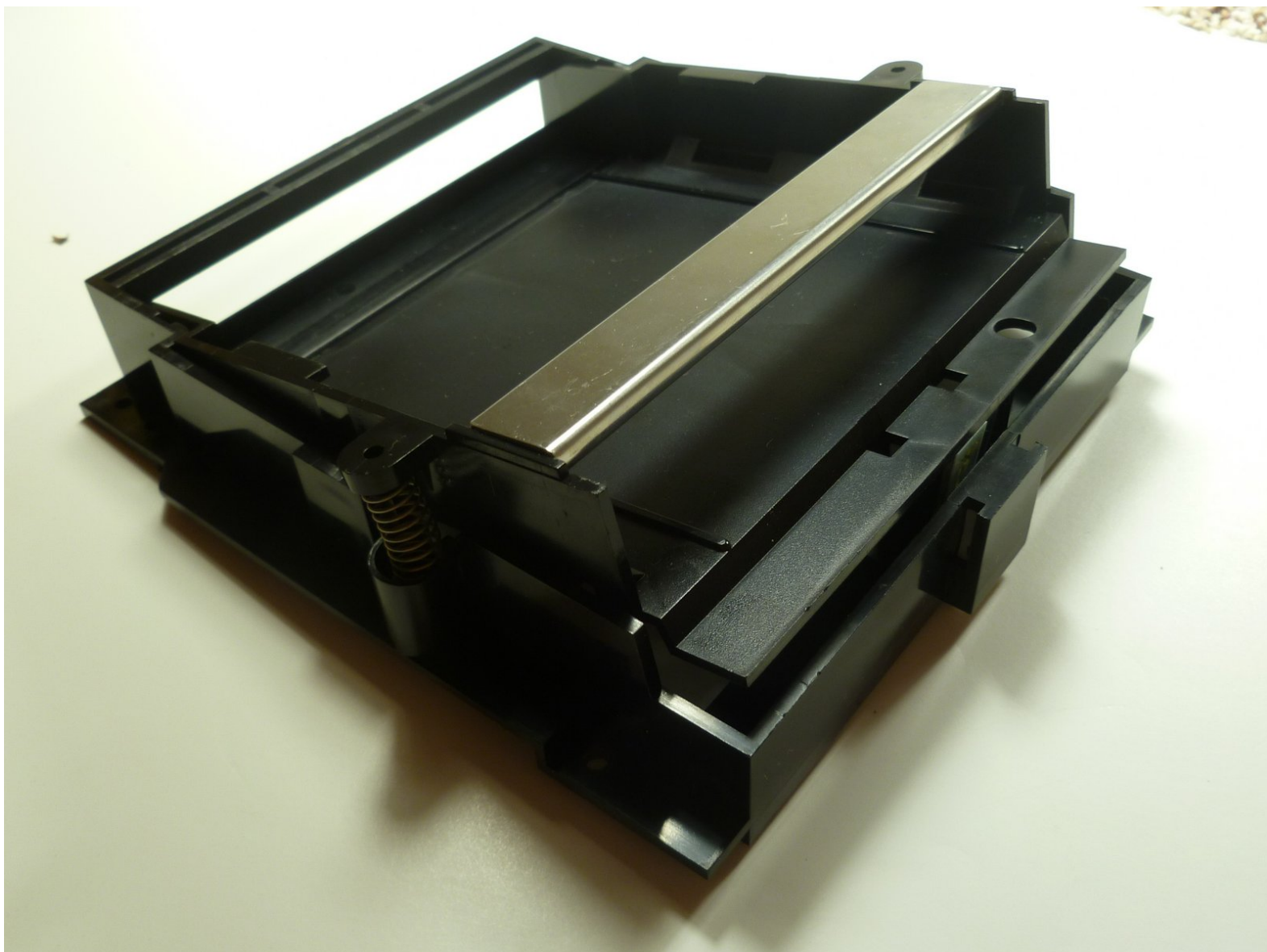# Nintendo Entertainment System Game Cartridge Tray Replacement

Taking apart the NES and removing the game cartridge tray for repair.

Written By: nicholasweiser

INTRODUCTION

If you are having issues with ejecting your game cartridge, you will need to open you NES and remove the game cartridge tray. Follow our guide for more information.

🔧 **TOOLS:**

- Flathead 3/32" or 2.5 mm Screwdriver (1)
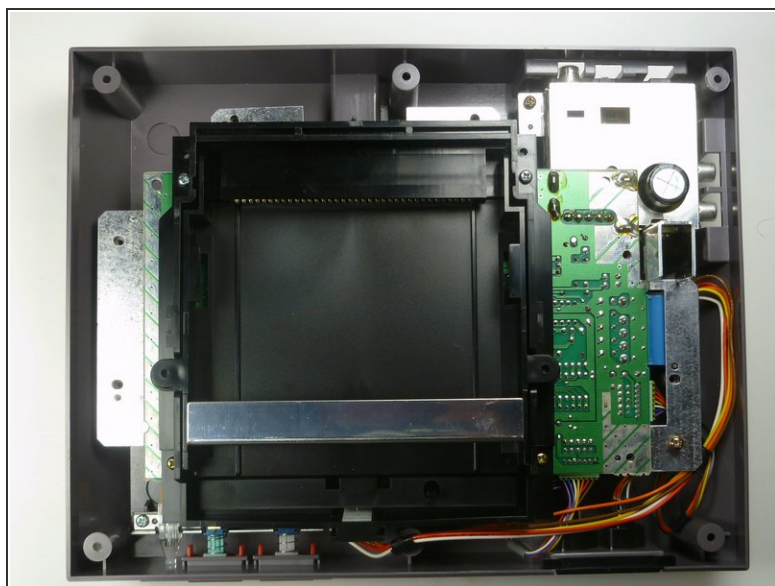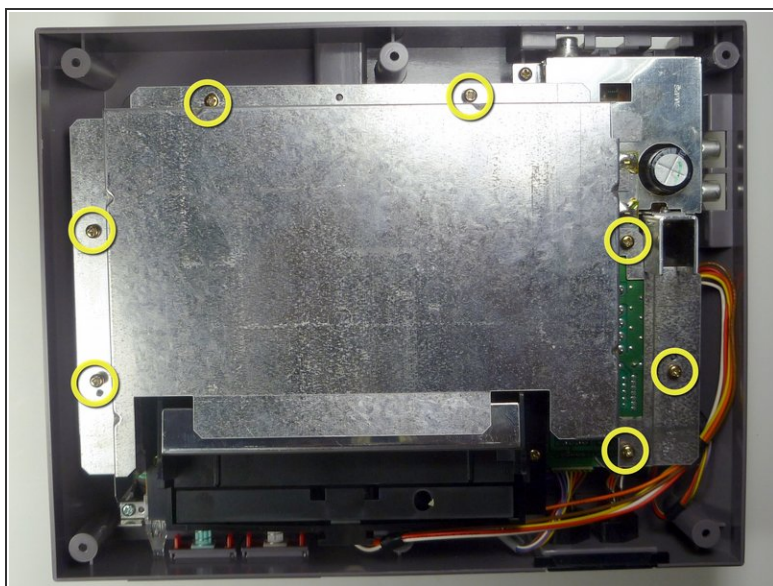- Phillips #2 Screwdriver (1)

⚙️ **PARTS:**

- Nintendo NES-001 Game Cartridge Tray (1)

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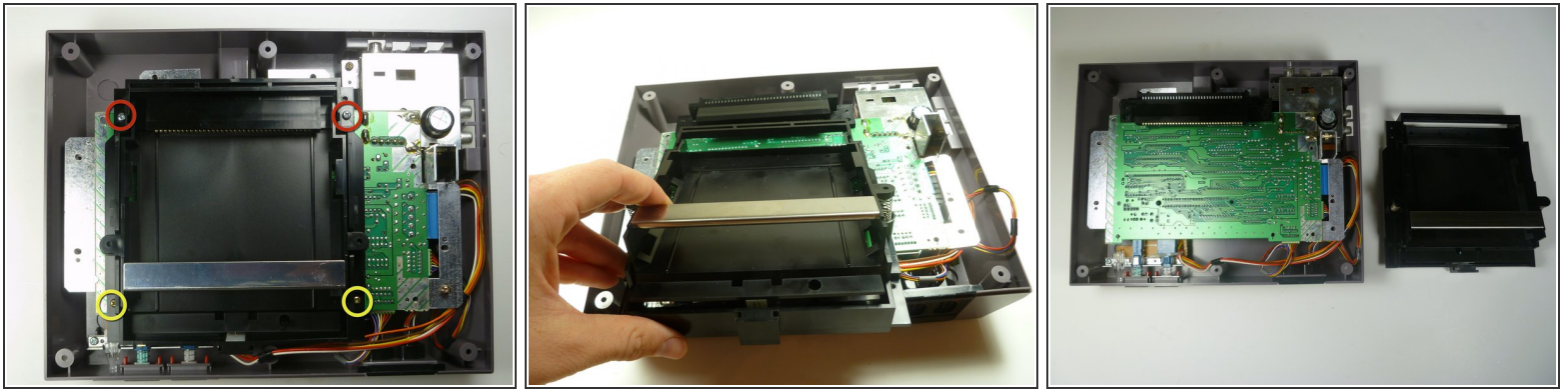
Step 1 — Game Cartridge Tray

- Remove the six 13.25mm Phillips screws on the bottom of the game console with a #2.5 flathead screwdriver.

- (i) The screws are recessed about 40 mm.

- Flip the game console right side up and take off the top by pulling it up and away from the rest of the device with your hands.
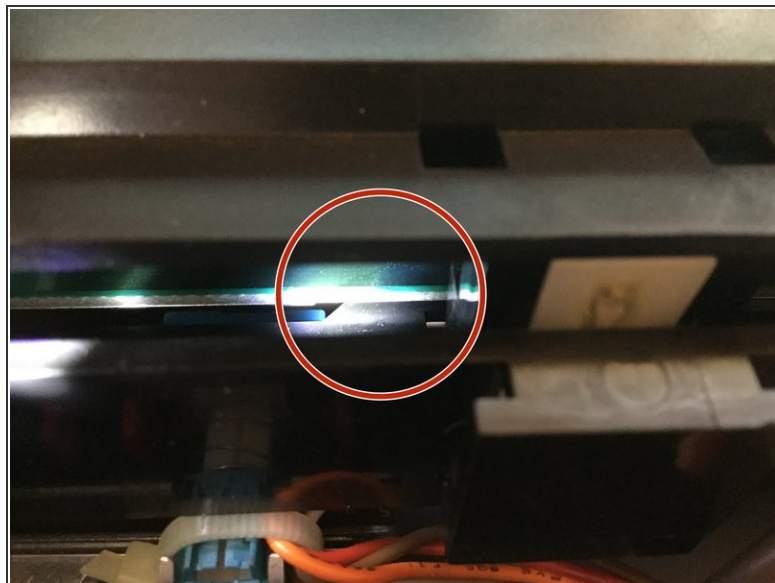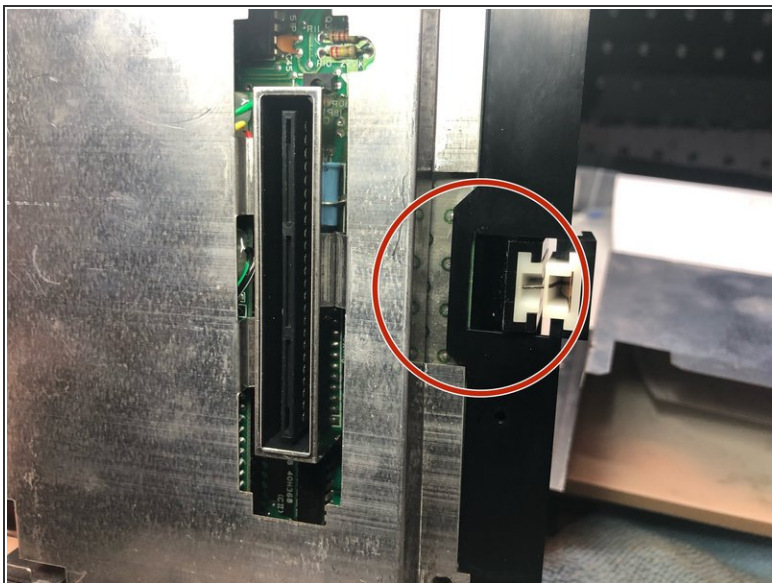
     www.iFixit.com

Step 2

- Remove the seven 13.25mm Phillips screws from the metal cover with a Phillips head #2 screwdriver.

- Remove the metal cover by pulling it up and away from the rest of the console with your hands.

Step 3

- Remove the two silver 17.45mm Phillips screws from the cartridge tray using a Phillips head #2 screwdriver.

- Remove the two bronze 13.25mm Phillips screws from the cartridge tray using a Phillips head #2 screwdriver.

- Slide the cartridge tray toward you, away from the 72-PIN connector, and off the motherboard assembly.

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Step 4

- Note: Underneath the cartridge tray is a black trapezoid-shaped tab/lip (see marker). When properly assembled this tab/lip goes below the motherboard and shielding as seen here.

- ⚠ During reassembly, make sure you orient this tab underneath the motherboard in addition to orienting the tray on top. Failure to do so will bow the cartridge tray and place stress on the component, causing the cartridge spring mechanism to bind.

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