

Deal4GO 6050A2548801

Deal4GO Power Button Board with Cable Replacement for HP Envy Laptops

Models: HP Envy 15-J, M6-N, 15-Q Series (Part Numbers: 720553-001, 6050A2548801)

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INTRODUCTION

This manual provides detailed instructions for the installation and use of the Deal4GO Power Button Board with Cable, designed as a replacement part for specific HP Envy laptop models. This component is crucial for the laptop's power functionality. Please read all instructions carefully before proceeding with installation.

Compatible Part Numbers: 720553-001, 6050A2548701, 6050A2548801

Compatible Notebook Models:

- HP Envy 15-J series
- HP Envy M6-N series
- HP Envy 15-Q series
- HP Envy 15-J000 series
- HP Envy 15-J100 series
- HP Envy 15z-J000 series
- HP Envy M6-N000 series
- HP Envy 15T-J000 series
- Specific models: 15-J006CL, 15-J013CL, 15-J027TX, 15-J037TX, 15-J058CA, 15-J104AX, 15-J143TX, 15-Q002LA, 15-Q010TX, 15-Q203TX, 15-Q211TX, 15T-Q300, M6-N013DX, 15-J023CL, 15-J067CL, 15-J151NR, 15-J002AX, 15-J006TU, 15-J019TX, 15-J040TX

SETUP AND INSTALLATION

1. Safety Precautions

- Always disconnect the laptop from its power source and remove the battery before performing any internal repairs.
- Discharge any static electricity by touching a grounded metal object or using an anti-static wrist strap.
- Work in a clean, well-lit area.
- Keep track of all screws and small parts removed during disassembly.

2. Tools Required

- Small Phillips head screwdriver
- Plastic pry tool (spudger)
- Anti-static wrist strap (recommended)

3. Installation Steps

Follow these steps carefully to replace the power button board:

1. **Prepare the Laptop:** Power off your HP Envy laptop completely. Disconnect the AC adapter and remove the main battery.
2. **Access the Internal Components:** Depending on your specific HP Envy model, you may need to remove the bottom cover, keyboard, or palm rest to access the power button board. Refer to your laptop's specific service manual for detailed disassembly instructions.
3. **Locate the Existing Power Button Board:** Identify the old power button board and its connecting ribbon cable.
4. **Disconnect the Old Board:** Carefully disconnect the ribbon cable from the motherboard or daughterboard. Use a plastic pry tool to gently lift the retaining flap on the connector, then slide the cable out.
5. **Remove the Old Board:** Unscrew any retaining screws holding the old power button board in place and carefully remove it.
6. **Inspect the New Board:** Before installation, visually inspect the new Deal4GO power button board for any damage.

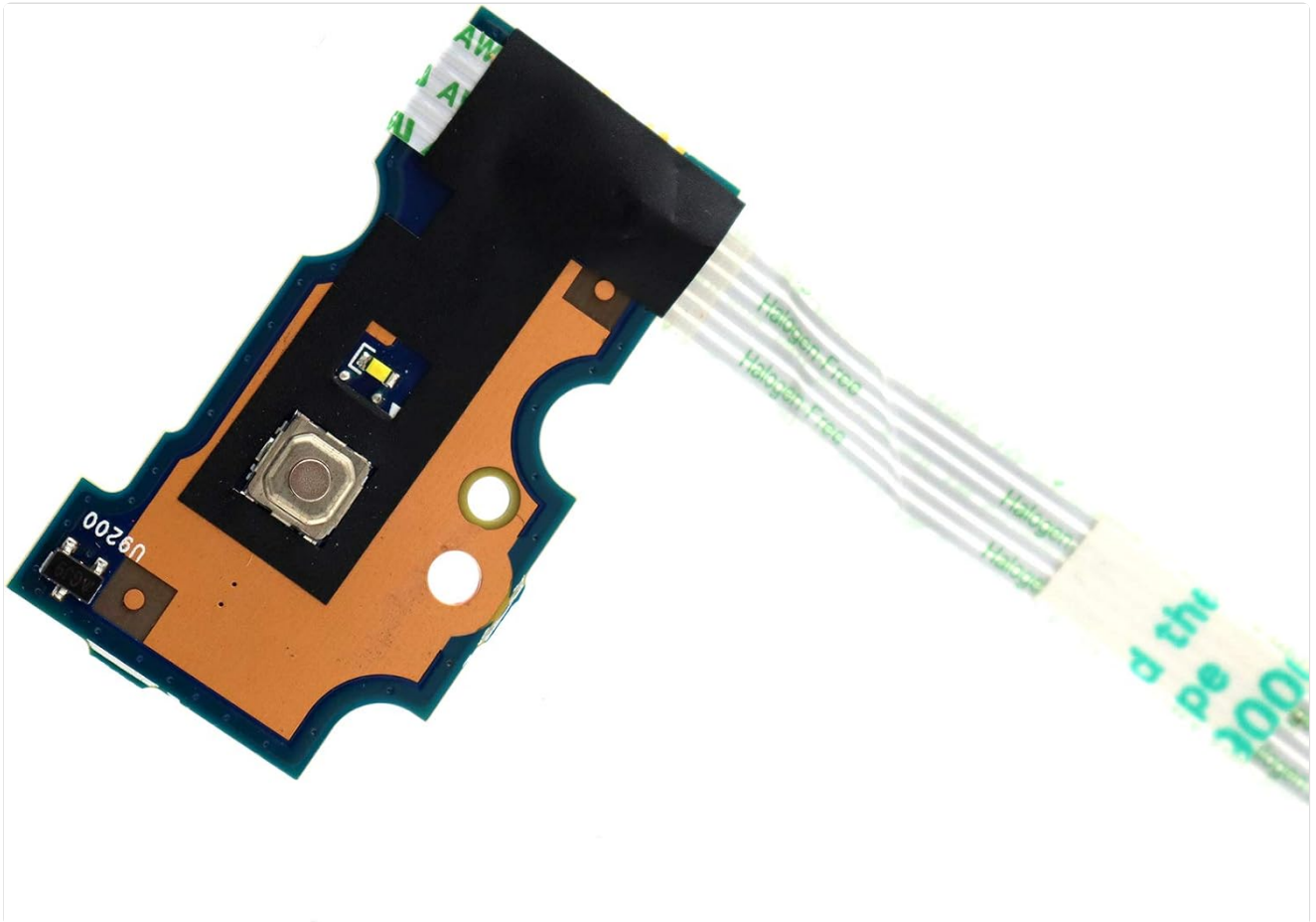


Image 1: Front view of the Deal4GO Power Button Board with its attached ribbon cable. This shows the button mechanism and the board layout.

7. **Install the New Board:** Position the new Deal4GO power button board in its designated slot. Secure it with the screws previously removed.

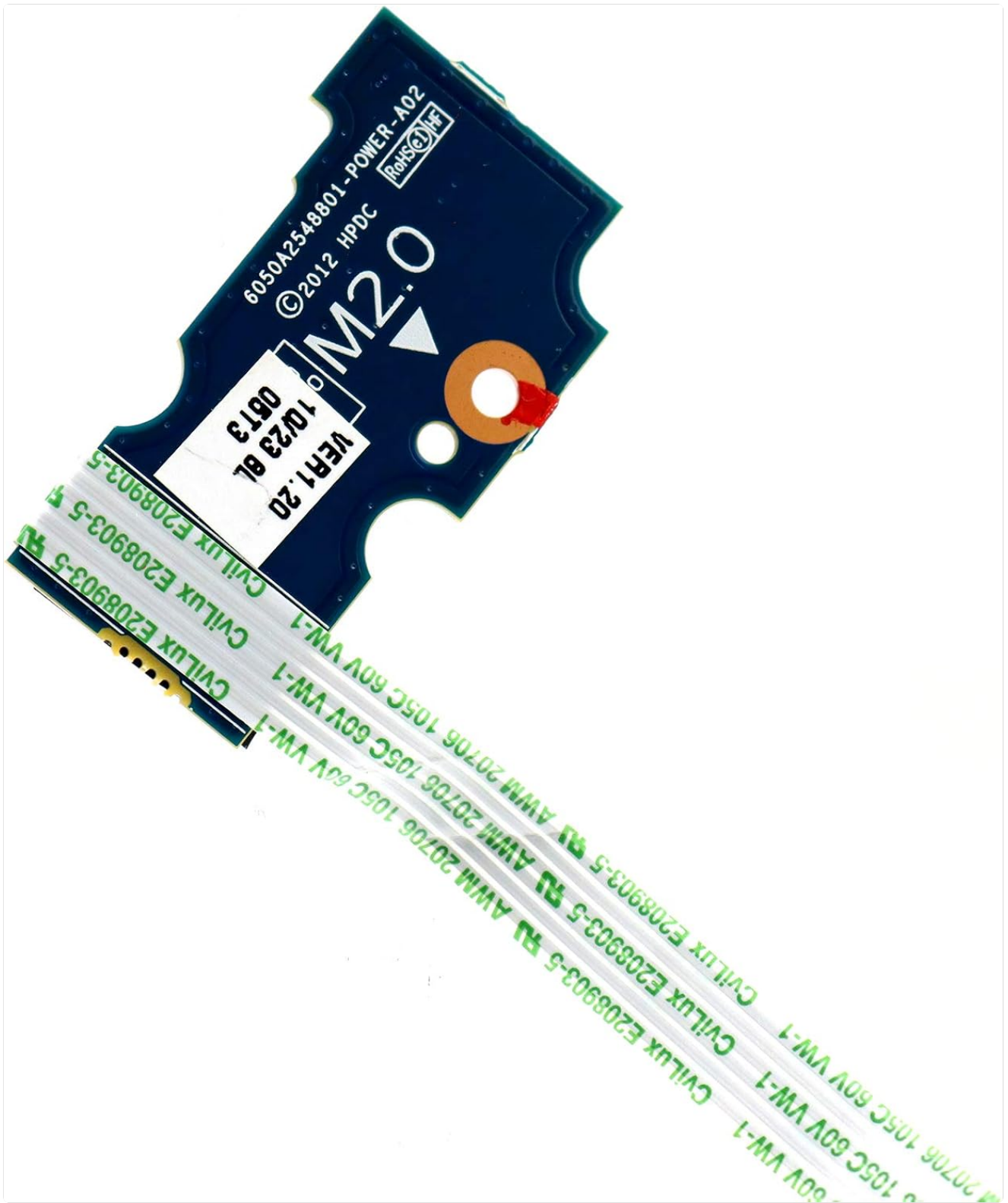


Image 2: Back view of the power button board, displaying the part number 6050A2548801 and other manufacturing details.

8. **Connect the Ribbon Cable:** Carefully insert the ribbon cable into its connector on the motherboard or daughterboard. Ensure it is fully seated and then gently push down the retaining flap to secure it.

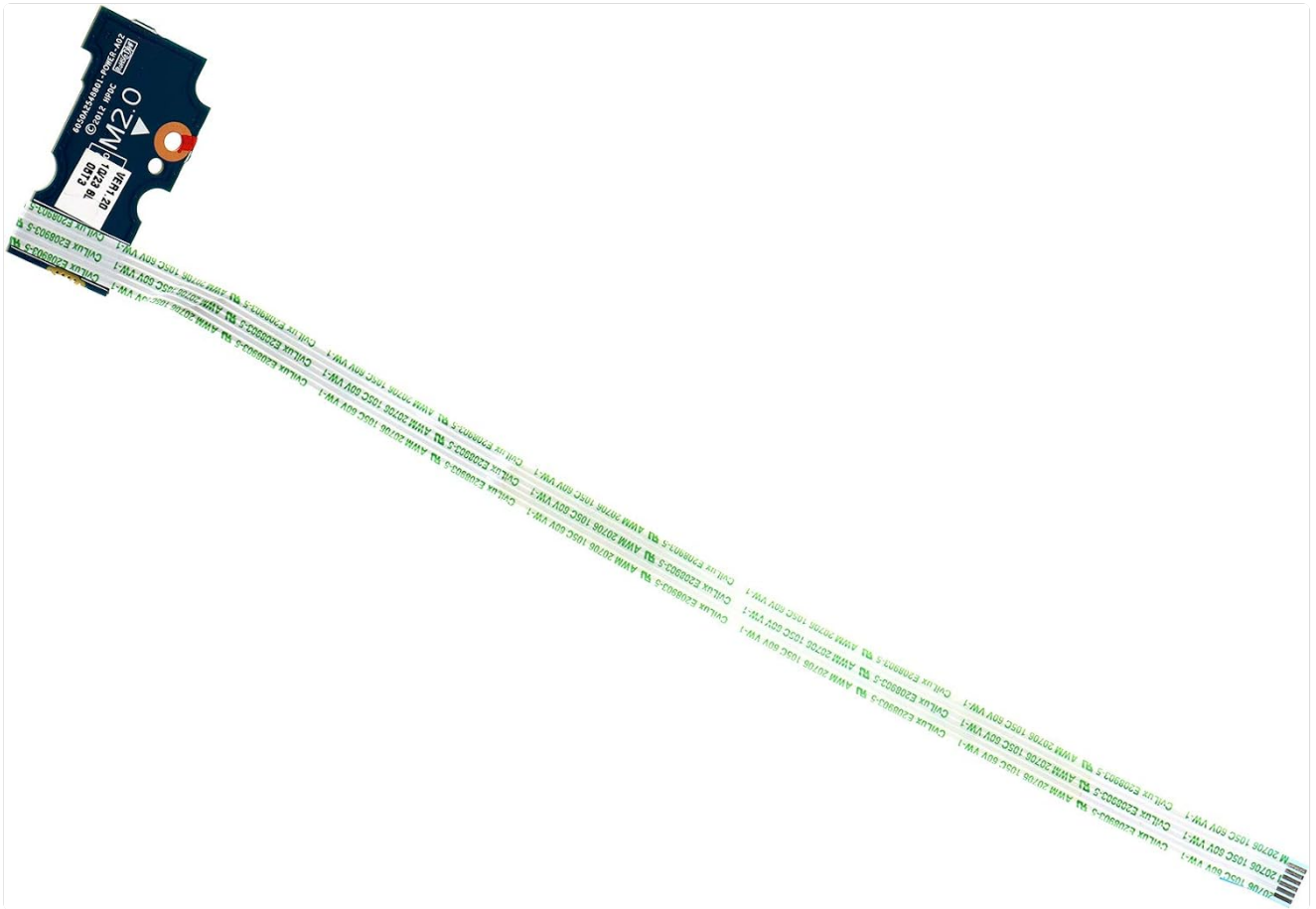


Image 3: The power button board with its full-length ribbon cable extended, showing the flexibility and length for connection. The cable length is approximately 7.9 inches (20.4 cm).

9. **Reassemble the Laptop:** Carefully reassemble your laptop, ensuring all components are properly seated and all screws are replaced.
10. **Test Functionality:** Reinstall the battery and connect the AC adapter. Attempt to power on the laptop to verify the new power button board is functioning correctly.

OPERATION

The Deal4GO Power Button Board functions identically to the original component. To power on your laptop, press and release the power button. To initiate shutdown or sleep mode, press the power button briefly. For a forced shutdown, press and hold the power button for several seconds until the laptop powers off.

MAINTENANCE

This power button board is an internal component and requires minimal maintenance. Avoid exposing the laptop to excessive dust, moisture, or extreme temperatures, as these can affect internal electronics. If the laptop requires internal cleaning, it is recommended to consult a professional technician.

TROUBLESHOOTING

Laptop Does Not Power On After Installation

- **Check Connections:** Ensure the ribbon cable from the power button board is securely and correctly seated in its connector on the motherboard. The retaining flap should be fully closed.
- **Battery and AC Adapter:** Verify that the laptop battery is charged and properly installed, and that the AC adapter is functioning and connected.

- **Re-seat Components:** If possible, carefully re-seat the power button board and its cable.
- **Inspect for Damage:** Check the ribbon cable and the board for any visible damage or bent pins that might have occurred during installation.
- **Test with Old Board (if possible):** If you still have the old board and it was intermittently working, you might try reconnecting it to confirm the issue is with the new board or another component.

Power Button Feels Loose or Unresponsive

- Ensure the power button board is securely screwed into its mounting points within the laptop chassis.
- Verify that the external power button cap (if separate from the board) is correctly aligned and seated over the internal button mechanism.

SPECIFICATIONS

Feature	Detail
Brand	Deal4GO
Model Number	6050A2548801
Alternate Part Numbers	720553-001, 6050A2548701
Operation Mode	ON-OFF
Actuator Type	Push Button
Connectivity Protocol	Wi-Fi <i>(Note: This refers to the laptop's overall connectivity, not the button itself)</i>
Color	Black
Item Dimensions (L x W x H)	4.33 x 1.38 x 0.39 inches
Cable Overall Length	Approx. 7.9 inches / 20.4 cm
Item Weight	0.352 ounces
Material	Copper (for contacts)

WARRANTY AND SUPPORT

For warranty information regarding your Deal4GO Power Button Board, please refer to the purchase documentation or contact the seller directly. Deal4GO products typically come with a standard manufacturer's warranty against defects in materials and workmanship.

If you require further technical assistance or have questions not covered in this manual, please contact Deal4GO customer support through their official channels or the retailer from whom the product was purchased.

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Model number, symptoms, what you tried, or the section of the manual you are using.

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