

# GENIAC Kit Modern Replacement Checklist

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## Purpose:

Use this checklist to source parts and build a working GENIAC-style analogue computing system. Start with basic circuits and expand into logic machines using the same components.

## Build Strategy

- Start with one circuit (battery, switch, lamp)
- Test connections before expanding
- Label switches and outputs
- Rebuild rather than finalise

## Checklist

### Power

- Battery (1.5V) [Essential]
- Battery holder or clamp
- Bulbs or LEDs [Essential]
- Lamp sockets or holders

### Structure

- Insulated wire (varied lengths) [Essential]
- Machine screws / bolts
- Matching nuts
- Washers (metal or nylon)
- Rubber or foam washers
- Mounting panel (wood, acrylic, etc.)

### Logic

- Rotary switch discs (custom or fabricated) [Advanced]
- Pivot bolts or rods
- Metal jumpers [Advanced]
- On/off switch

### Tools

- Screwdriver
- Nut driver or spintite equivalent
- Marking pencil or labels

### Reference Material

- GENIAC manual
- [GENIAC Project List](#) (build references)

## Sourcing Notes

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