

HO Scale Wiring Checklist

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Tools You'll Need

- ☐ Wire stripper/cutter
- ☐ Soldering iron & solder (optional)
- ☐ Heat shrink tubing or electrical tape
- ☐ Multimeter
- ☐ Labeling tape or markers



Wiring Components

- ☐ 14 - 16 gauge bus wire (solid or stranded)
- ☐ 18-22 gauge feeder wire
- ☐ Terminal rail joiners or solder points
- ☐ Insulated rail joiners (for DC block control)
- ☐ Toggle switches (for blocks or accessories)
- ☐ DCC controller (if using Digital Command Control)
- ☐ Terminal blocks or lever nuts

Wiring Steps

- ☐ Plan your layout wiring map
- ☐ Install bus wire under the layout
- ☐ Strip and connect feeder wires every 3-6 feet
- ☐ Connect feeder to track (solder or clip-on joiners)
- ☐ Test voltage at various points
- ☐ Label wires clearly
- ☐ Add switches, turnouts, and accessories
- ☐ Final test before full operation