

Lamp not working

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graph TD; A[Lamp not working] --> B{Plugged in?}; B -- No --> C[Plug in lamp]; B -- Yes --> D{Bulb burned out?}; D -- Yes --> E[Replace bulb]; D -- No --> F[Buy new lamp];
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This flowchart provides a systematic approach to diagnosing a non-functional lamp. It begins with the problem statement 'Lamp not working' and proceeds through two decision points. The first decision, 'Plugged in?', addresses the most common oversight. If the answer is 'No', the instruction is to 'Plug in lamp'. If 'Yes', the process moves to the second decision, 'Bulb burned out?'. If the answer is 'Yes', the instruction is to 'Replace bulb'. If the answer is 'No', the final instruction is to 'Buy new lamp'.

Plugged in?

No

Plug in lamp

Yes

Bulb burned
out ?

Yes

Replace bulb

No

Buy new lamp