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## DIMMER SWITCHES

A **dimmer switch** may make a humming sound for a few reasons. Here are some **common causes**:

1. **Installation issues:** If the dimmer switch wasn't put in properly, it can cause humming. This could be because the connections are loose or the grounding isn't done right.
2. **Wrong match:** Dimmer switches are designed to work with certain types of lights and bulbs. If you use bulbs or fixtures that aren't compatible with the dimmer, it can cause humming.



3. **Low-quality switch:** Cheaper or lower-quality dimmer switches might make more noise compared to better ones.
4. **Overloading the dimmer:** If you connect too many lights or bulbs to the dimmer switch and it can't handle the total power, it can cause humming.



**To fix** the humming sound from your dimmer switch, you can try these steps:

1. **Check installation:** Make sure the dimmer switch is installed correctly with secure connections and proper grounding.
2. **Check compatibility:** Make sure the dimmer switch works with the type of bulbs and fixtures you have. Read the instructions or ask an electrician for help.
3. **Reduce the load:** If you have many lights or bulbs connected to the dimmer switch, remove some of them if the total power exceeds what the switch can handle.
4. **Upgrade the switch:** If you have a cheap or low-quality dimmer switch, consider getting a better one that is designed to reduce humming.



**Remember,** if you're not sure about electrical work or troubleshooting, it's best to ask a **electrician** for help to make sure everything is done safely and correctly.

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