

Common problems in electric fans and how to fix them yourself

Electric fans after use time will show signs of failure, fault of parts that make the fan unable to run. So what is the cause of the fan error that cannot be run?

After a long time of use, electric fans sometimes occur with some problems, failures that make the fan unable to continue using. In this article, we will list 8 common errors when using electric fans, so that users can find errors and fix these simple errors.

1. The fan does not run when pressing the power button:

The cause of this problem may be due to a malfunctioning power supply, an overloaded motor or a control valve. To fix this problem, you should first check the power supply, fuse, and control valve if it is properly opened or closed. Also, can check the voltage to see if it is suitable. After determining the exact cause can be overcome on the spot or taken to outside repair.



Readers can see some types of electric fans sold at [META.vn](https://www.meta.vn) online shopping channel under the link below:

2. Broken speed button:

Long-lived buttons or switches are bottled and may be damaged so they cannot be clicked or rotated. The reason is that much friction in the process of use makes the metal part of the electrical relay worn, or long time rusted and dirty so it is difficult to power.

To fix the problem, use the WD40 lubricant bottle to spray into the grooves of the keys, buttons to clean copper rust and remove dirt, then push the buttons repeatedly until it is okay. If it is due to the metal where the relay is worn, only the new button can be replaced.



3. The function of the navigation is broken:

The functions are mainly used in plastic so when used for a long time and using too much force, it is easy to slip or break. For this case, the only way is to check the greases on the inner gears and then buy the newly installed plastic case. If not, you can replace the utility kit. Contact the store for genuine purchases.



4. Impeller falls off the shaft:

The impeller enters the fan motor with a spiral spindle. If used for a long time, friction on the rotating rotor can cause the shaft to be worn so that the rotor cannot be held when the rotation force is too large causing the wing to fall off the shaft.

This problem can only be solved completely by replacing the reel. However, this job requires skill, you should bring out to a professional shop outside to repair.



5. Fans with loud noise:

If the fan is too loud, the cause may be due to friction between the rotating shaft and the brass of the machine causing the noise. To fix the problem, remove the motor and apply lubricating oil to the bearings and try again.



6. Overheating fan:

This is a fairly common case, probably due to the use of a fan at maximum speed for a long time or because the fan motor is dry causing friction when turning too large, causing a thermal effect. .

To make the fan less hot, it should be noted that fans should not be used at full speed for a long time. Remove the fan motor and use lubricating oil for the engine.



7. The fan is shaken:

Standing and fanless fans, too high, can be shaken after a period of use. The main reason is due to screw fasteners, loose joints or fans adjusted at altitudes are not suitable.

This error is easily solved by checking and screwing the screws or joints tightly, should not adjust the fan too high or run at maximum speed.



8. Slow rotation fan:

A slow-running fan may be caused by dust, oil drying, damage to the bearing or variable resistance, causing the capacitor to fail. First try to use the hand to rotate the propeller to see if it is stuck, if it is stuck, clean the screw again, check the bearings to check the oil or replace the new ball if it is damaged. If it is still slow, try using a resistive device to test the resistance of the ear plug and motor, if the difference is too large, replace the new capacitor.



Above are some common errors encountered in electric fans when used for a long time. Readers can refer and then self-diagnose and fix themselves at home. If the problem is more complicated, we should bring the fan to

reputable stores to repair the fan.

Refer to the following articles:

1. Instructions on how to diagnose Electrolux washing machine error codes
1. Fix some common errors on Toshiba TV
1. Instructions on how to increase processing speed for Smart TV

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