

## Why is the coupler not producing light



### Overview

Common reasons include a malfunctioning thermocouple, which fails to sense the pilot flame, or a clogged pilot tube that obstructs gas flow. Regular maintenance and timely checks can prevent such issues. When a furnace pilot light won't light, it can leave a home without heat during cold months. Understanding common causes and simple troubleshooting steps can help homeowners restore furnace operation quickly. The pilot light serves as a crucial ignition source, consistently providing a flame that ignites the main burner. Several factors can cause a pilot light to fail to stay lit even after replacing the thermocouple.

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If you have replaced the thermocouple and the pilot light does not stay lit, it may indicate a faulty gas valve or that the thermocouple is not fully inserted into the pilot flame.



When the burner fails to light, it disrupts daily routines and can be frustrating. Common reasons include a malfunctioning thermocouple, which fails to sense the pilot flame, or a clogged ...



Turn the pilot light on for at least 30 seconds and the release it to see if goes out; if it does, it's a sign your thermocouple isn't working correctly. Use a multimeter to test the leads on the thermocouple when both on and off of the pilot setting mode to see if they maintain a charge.



When it fails to light, the underlying issues often relate to thermocouples, gas supply, or contamination. The thermocouple acts as a safety sensor, signaling the gas valve to stay open when ...



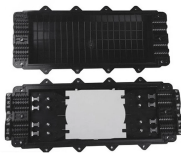
You've just replaced the thermocouple on your furnace, water heater, or gas fireplace, hoping to solve the problem of a pilot light that won't stay lit. But now, even with a new thermocouple, ...



Learn the key signs of a failing thermocouple, like a pilot light that won't stay lit, and how to diagnose the issue safely.



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Why would a new thermocouple fail to keep the pilot light lit? The most common reason a new thermocouple fails to keep the pilot light lit, even after replacement, is improper installation.



This guide addresses the core query “furnace pilot light won't stay lit after replacing thermocouple” by explaining mechanical causes, testing steps, safety checks, and replacement ...



Expert guide to diagnosing a bad fireplace thermocouple. Learn why your pilot light won't stay on, how to test voltage, and steps for safe replacement.



Your furnace thermocouple might be to blame if your burners won't light. Learn what this device, then how to fix, clean or replace one in your home's heater.

## Contact Us

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