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Did you dream about a hot shower this morning only to find there was no hot water? Or maybe you were looking to hand-wash a dish, but the water never heated up enough to get the grime off your plates. Sometimes, water heaters—gas or electric, tank or tankless—stop working as they should, including Reliance-branded heaters. Fortunately, there is a potential fix—but it depends on what type of Reliance water heater you have. Reliance electric water heaters should come with a reset button on the thermostat. However, the gas and tankless types do not. Fortunately, you can still perform a hard reset on any Reliance heater by cutting off power temporarily. In this post, you'll find the locations of reset buttons in Reliance heaters and how to perform a hard reset if they don't have one or if a thermostat reset fails. Because the thermostat regulates the temperature your hot water heater reaches, an incorrect setting or other malfunction in the thermostat can interfere with hot water output. Many water heaters come with a resettable thermostat, including some Reliance ones. But not every Reliance hot water heater comes with a reset button on the thermostat. While you can press a reset button on the electric storage heaters, you won't find one on the gas storage or tankless water heaters. Source: [youtu.be/kvVFMtQM94c?t=260](https://youtu.be/kvVFMtQM94c?t=260) Reliance's electric storage heaters have a bright red reset button on top of the upper thermostat. You can locate the thermostat beneath a small panel toward the top or middle of the heater. Just remove the screw holding it in place and pull out the pieces of insulation underneath. From there, you can press the reset button. Unlike their electric counterparts, Reliance gas water heaters don't come with a reset switch or button on the thermostat. However, they do have a resettable gas valve controller. The gas valve regulates gas flow to the pilot light. If it's malfunctioning in some way, your heater won't get the fuel it needs to heat up water. The gas valve controller comes with a dial and water temperature settings. To reset this valve: Locate the controller on the side of the tank. Locate the temperature dial. Turn the dial to the Very Hot setting and leave it for 10 seconds. Turn the dial to Hot for another 10 seconds. Twist the dial to Pilot for 10 more seconds. After following this process, your controller should be reset. Related Post: [Where Is My Geospring Water Heater Reset Button? This Brand's Tankless Heaters Come With a Non-resettable Thermostat](#). Because of that, you'll need to turn to a hard reset instead. Just follow the steps in the section below. You may feel like you're out of luck without a reset button to press. Or you may have tried resetting the thermostat and it just didn't do much, which can occur with a faulty thermostat or when the heating problem originates elsewhere in the machine. Before pulling apart your hot water heater to inspect it, consider performing a hard reset. To perform a hard reset, turn off the power supply for at least 30 seconds. This means either unplugging your device from the outlet or turning off the switch to your heater on your circuit breaker. After waiting at least half a minute, you can plug it back in or turn the breaker back on and check whether it produces hot water again. Related Post: [How to Find Your Emaxx Water Heater Reset Button Beyond a Reset](#), you can try some do-it-yourself fixes before calling in a service technician. First, you can try checking the pipes and inlet valves for mineral buildup, also called scaling—primarily if you use a hard water supply. You can flush out mineral deposits using white vinegar. You can also check components like the thermal fuse, heating element, and thermostat for continuity. Replace a bad thermostat or other heating component if there's no continuity. Finally, consider the capacity of your heater. If you tend to run multiple taps at once, your heater might be unable to keep up. To address this, you can either reduce the number of fixtures you run at once or upgrade to a heater with a higher capacity. Whether or not your Reliance water heater has a resettable thermostat depends on what type you have. Their electric storage heaters come with one, but their gas-powered and tankless water heaters don't. However, if you have a gas-powered water heater, you may be able to reset the gas valve controller. And you can perform a hard reset on most appliances by cutting the power supply for 30 seconds or so. Don't hesitate to try some DIY inspections or call in a technician if a reset fails to fix your heater. For Reliance 606 water heater troubleshooting, check the pilot light and thermostat first. These are common issues that can cause problems. Reliance 606 water heaters are known for their reliability, but occasional issues can arise. Basic troubleshooting can often resolve these problems without needing professional help. Start by checking the pilot light, as it may simply need to be relit. The thermostat is another component that can cause malfunction if it is not set correctly. Regular maintenance such as flushing the tank and checking for leaks, helps prevent many common issues. Understanding these basic troubleshooting steps can save time and ensure your water heater operates efficiently. Proper care and attention can extend the lifespan of your Reliance 606 water heater. Check if the pilot light is on. If not, it needs to be relit. Ensure the thermostat is set to the desired temperature. Sometimes, the circuit breaker may trip. Reset it if necessary. Verify if the gas supply is on. If there is no gas, the water will not heat. Check if the thermostat is working correctly. Adjust it as needed. Sediment buildup in the tank can cause issues. Flushing the tank can help. Ensure the heating elements are not worn out. Replacing them might solve the problem. The thermocouple may also need checking. Replace it if faulty. Performing basic checks is essential for troubleshooting a Reliance 606 water heater. Ensure the power supply is connected and the thermostat settings are correct. Inspect for any visible leaks or corrosion. Ensure the power cord is plugged in properly. Check if the circuit breaker has tripped. Reset the breaker if needed. Look for any blown fuses and replace them. Make sure the outlet is working by testing it with another device. Thermostat Settings Verify that the thermostat is set to the desired temperature. Turn the dial to a higher setting if the water is not hot. Check if the thermostat is functioning by listening for a click sound. Adjust the settings and wait a few minutes to see if the heater responds. First, turn the gas control knob to the "off" position. Wait five minutes to clear out any gas. Locate the pilot light assembly and the reset switch. Turn the gas control knob to "pilot". Press and hold the reset switch. Use a lighter to ignite the pilot flame. Continue holding the reset switch for one minute. Release the switch and check if the pilot stays lit. This could mean a problem with the thermocouple. The thermocouple senses the pilot light and signals the gas valve. If dirty, clean it with sandpaper. If damaged, replace the thermocouple. Another issue could be the gas valve. Ensure it is turned on. Check for any obstructions in the gas line. If problems persist, contact a professional plumber. Credit: [www.youtube.com](https://www.youtube.com) Sediment buildup can cause problems. To fix this, flush the tank. Turn off the power to the heater. Attach a hose to the drain valve. Let the water flow out. This removes the sediment. Repeat this process every six months. Use a water softener. This reduces sediment. Check the tank regularly. Look for signs of buildup. Maintain the heater. This ensures efficient performance. Clean the tank often. This prevents sediment problems. Experiencing issues with the Reliance 606 water heater? A faulty pressure relief valve might be the culprit. Regular inspection and maintenance can prevent unexpected water heater problems. First, locate the pressure relief valve on the water heater. The valve is usually near the top. Carefully lift the valve lever to test it. Water should flow out easily. If no water comes out, the valve might be stuck. Gently close the lever to stop the water. Look for any leaks around the valve. Leaking means the valve needs replacement. Ensure the valve is not blocked by debris. Replacing The Valve Turn off the water supply to the heater. Drain the tank to below the valve level. Use a wrench to remove the old valve. Wrap Teflon tape around the threads of the new valve. Screw the new valve into place tightly. Turn the water supply back on. Check for leaks around the new valve. Ensure the new valve functions properly by lifting the lever. Credit: [www.youtube.com](https://www.youtube.com) Experiencing issues with the heating element in your Reliance 606 water heater can lead to inconsistent water temperatures. Regular maintenance and timely troubleshooting can help identify and resolve these problems efficiently. First, turn off the power to the water heater. Use a multimeter to test the heating element. Set the multimeter to the lowest ohms setting. Touch the multimeter's probes to the element's terminals. A good element will show a reading between 10 and 16 ohms. If it shows zero or no reading, the element is faulty. Replacing The Element Start by draining the water heater. Disconnect the wires from the faulty element. Use a wrench to unscrew the old element. Remove it carefully. Place the new element in the opening and tighten it. Reconnect the wires securely. Refill the water heater and turn the power back on. Check for leaks and ensure the heater is working. Experiencing leaks and drips with your Reliance 606 water heater? Troubleshoot common issues to restore optimal performance. Ensure connections are tight and check valves for any signs of wear. Start by checking the pipes and valves for any visible leaks. Inspect the tank for rust or corrosion. Look for any loose connections, cracks, or rust that may be affecting the performance of your water heater. Ensure it is properly ventilated and clear of any debris. If your water heater has a pilot light, it may be necessary to relight it to go out. To troubleshoot, you can check for a dirty pilot light and clean it if necessary. Additionally, you can inspect the thermopile and clean or replace it if it is dirty or damaged. If these steps do not resolve the issue, it is recommended to seek professional assistance. Remember to ensure power is disconnected before attempting any repairs or maintenance on your water heater. Credit: [www.youtube.com](https://www.youtube.com) Reliance water heaters are known for their reliability and efficiency. However, like any other appliance, they can encounter some common issues that may lead to frustration and inconvenience. In this section, we will discuss the most common problems you may encounter with your Reliance water heater and provide some troubleshooting tips to help you resolve them quickly. The pilot light plays a crucial role in heating up the water in your Reliance water heater. If the pilot light keeps going out, it may indicate a problem that needs attention. There are a few possible reasons why this might occur: The thermopile or pilot light is dirty and needs to be cleaned. Soot, dust, and other particles can accumulate on the pilot light, limiting its oxygen supply and causing it to extinguish. The pilot light may not be properly adjusted. It should have a strong, steady flame touching the thermocouple for efficient heating. The gas supply to the pilot light may be insufficient. Ensure that the gas valve is fully open and there are no obstructions in the gas line. If you encounter any of these issues, follow the steps below to troubleshoot and resolve the problem: Turn off the gas supply to the water heater. Clean the thermopile and pilot light using a soft brush or cloth to remove any dirt or debris. Adjust the pilot light so that it has a strong, steady flame touching the thermocouple. Ensure that the gas valve is fully open to provide sufficient gas supply to the pilot light. Turn on the gas supply and relight the pilot light. If the pilot light goes out again, it may indicate a more serious issue. If you are unsure of the cause, it is recommended to contact a professional plumber. Following these troubleshooting steps, you may be able to pinpoint and resolve the issue before calling a professional plumber. One common issue that can cause a Reliance water heater to malfunction is a dirty thermopile or pilot light. Over time, soot, dust, and other particles can accumulate on the pilot light, restricting the flow of oxygen needed for it to stay lit. To clean the thermopile or pilot light, follow these steps: Turn off the gas supply to the water heater. Locate the pilot assembly and remove any dirt or debris using a soft brush or cloth. Inspect the pilot light and ensure that it is free from obstructions. If necessary, use a can of compressed air to blow away any remaining dirt or debris. Once clean, relight the pilot light and check if the issue is resolved. If you have an electric water heater from Reliance and it's not providing hot water, resetting it may solve the problem. Here's how you can reset your electric water heater: Locate the circuit breaker panel in your home. Identify the circuit breaker that controls the water heater and switch it off. Wait for about 5 minutes before turning the circuit breaker back on. After resetting the circuit breaker, check if the water heater is functioning properly. Another common issue with electric water heaters is a loss of power or a tripped limit switch. Checking the power source and limit switch can help determine if this is the cause of the problem. Follow these steps to check the power source and limit switch: Ensure that the water heater is plugged into a working power outlet. If the water heater is connected to a circuit breaker, check if the breaker is switched on. If the power source is functioning properly, locate the limit switch on the water heater. Reset the limit switch by pressing the reset button. After resetting the limit switch, test the water heater to see if it's working correctly. Regular maintenance and care are crucial to ensure the optimal performance and longevity of your Reliance water heater. By following some simple steps, you can prevent potential issues and keep your water heater running smoothly. Regular cleaning and maintenance of your Reliance water heater are essential to remove sediment buildup and prevent corrosion. Sediment buildup can reduce the efficiency of your water heater and shorten its lifespan. To clean your water heater: Turn off the power supply to the water heater. Drain the water heater by connecting a hose to the drain valve. Flush the tank with water until the water runs clear. Refill the tank and turn the power back on. Check for any leaks or unusual noises. If you notice any issues, contact a professional plumber. The drain valve is located at the bottom of the tank. To clean the drain valve, use a wrench to remove the cap. Flush the valve with water. If the valve is clogged, use a wire to clear it. After cleaning the drain valve, replace the cap and test the water heater. If you notice any leaks or unusual noises, contact a professional plumber. Periodically checking for signs of wear and tear is crucial to catch any potential problems early on. Inspect the following components of your Reliance water heater: Check the pressure relief valve for any leaks or signs of malfunction. Inspect the anode rod for corrosion. If it's heavily corroded, consider replacing it. Check the temperature and pressure gauge for accurate readings. Inspect the burner assembly for any signs of damage or soot accumulation. By regularly inspecting these components, you can identify any issues and take appropriate action before they lead to more significant problems. If you encounter any faulty or malfunctioning components during your maintenance checks, it's important to replace them promptly. Ignoring faulty parts can lead to decreased performance and even potential hazards. Some common parts that may need replacement include: ComponentReplacementPressure relief valveReplace if leaking or malfunctioning.ThermostatReplace if inaccurate or not functioning properly.Anode rodReplace if heavily corroded.Burner assemblyReplace if damaged or soot accumulation is excessive. By promptly replacing faulty parts, you can ensure the optimal performance and safety of your Reliance water heater. While some water heater issues can be resolved through simple troubleshooting, there are certain situations where it is best to call a professional. Attempting to fix complex or dangerous problems yourself can lead to further damage and even personal injury. To ensure the safety and functionality of your reliance water heater, it is important to know when it is time to seek professional help. If you are facing a water heater problem that goes beyond basic troubleshooting, it is advisable to call a professional. Complicated issues can include leaks, strange noises, or inconsistent water temperature. These problems often require expertise to diagnose and fix, as they may indicate underlying mechanical or electrical issues. A professional plumber or technician will have the necessary tools and knowledge to safely address these issues. They can also provide advice on how to prevent future problems. If you are unsure of the cause of the problem, it is always best to consult with a professional. They can help you identify the problem and provide a clear plan of action. Remember, if you're unsure about any of the troubleshooting steps or don't feel comfortable doing the work yourself, it's always best to contact a professional for assistance. Keep your water heater running smoothly and efficiently with these troubleshooting techniques! This guide on Reliance Water Heater 606 Troubleshooting will provide the solutions to these common problems: Burner won't ignite Smelly water Burner flame turns yellow Pilot light won't light or stay lit High operation costs Drip from relief valve Condensate thermostat fails to shut-off Burner flame floats and lifts off ports Without further ado, let's dive in and resolve the issue to enjoy the comfort of warm water. Table of Contents Reliance Water Heater 606 Troubleshooting (9 Problems & Solutions) This chapter will walk you through the step-by-step procedure to solve 9 common problems of your Reliance 606 Water Heater. 1. Burner Won't Ignite The burner of your Reliance Water Heater won't ignite in the light of the following reasons: Pilot is not lit. Set the thermostat too low No gas Pilot line gets clogged Main burner line gets restricted by dirt or gunk Thermocouple is at fault Bad gas control/thermostat You may install the unit in a confined area How To Fix: Start by lighting the pilot if the pilot is not lit. To light the pilot, follow the instructions I described below: Set the gas control/thermostat knob to the off position. Wait 5-10 minutes to let the gas clear out. Turn the gas control or temperature knob counter-clockwise to Pilot. Press and hold down the temperature knob all the way in. While holding down the gas control knob in, keep pressing the igniter button repeatedly for 90 seconds or until the status light blink comes on. When the status light comes on or starts blinking, release the gas control/temperature knob. Then, set to your desired temperature setting. If the status light doesn't come on at the first lighting attempt, try three more times to light the pilot. Ensure you wait at least 10 minutes between each attempt. Don't hesitate to call a certified technician if you fail to light the pilot after three lighting attempts. Second, ensure you set up the thermopile or temperature knob to your desired setting. Thirdly, ensure that the thermopile or temperature knob is not blocked by debris. Fourthly, ensure the gas supply to the unit is sufficient secondary air. Apart from this, low gas pressure, clogged fuel line, and blockage in the main burner orifice can cause the yellow burner flame. How To Fix: To begin with, I suggest you verify the water gets sufficient secondary air. In other words, ventilate the area where you installed the unit by opening the window and the door. In addition, check the inlet gas pressure. The gas pressure on a proper functional unit should be between 4" WC to 14" WC. If the pressure goes out of range, you must call a certified professional to solve this issue. Furthermore, a clogged fuel vent can also be responsible for the yellow flame. In this case, inspect the fuel vent for blockage. You can use a fuel vent cleaning tool or isolate the fuel venting pipe to release the restrictions from there. Finally, take a look at the main burner orifice for restrictions. I recommend you call a certified plumber to clean the burner orifice as it requires to disassemble the unit. 4. Pilot Light Won't Light or Remain Lit Doesn't the pilot light stay lit? Then, one of the following reasons is responsible for the pilot light to not remain lit: Air in the gas line No gas or low gas pressure Dirt in the gas lines Pilot line or orifice gets clogged Thermocouple connection comes loose Bad thermocouple Defective thermostat Bad igniter Luckily, I broke down each of these culprits in my previous article on Reliance 606 Water Heater Pilot Won't Stay Lit. So, check out that article and solve the pilot light issue. 5. High Operation Costs We know how blessed a hot water is on the chilly days of winter. But that blessing could turn into a curse if it takes a lot of money to operate, especially in this recession period. Several things are to blame behind high water heater operation costs, including: You may operate the water heater at higher thermostat setting Sediment buildup in the tank Water heater is too small for the job Leaking faucets Leaking hot water A longer exposed piping Cracks in the dip tube How To Fix: Let's start from the way you operate your water heater. If you always operate the unit at higher settings like above 130, it will raise the operating cost. To reduce this, it is recommended to run the unit at 12s F. Secondly, check the bottom of the water heater tank. If there is scale buildup on the tank, the unit will take more time to heat the water. To avoid this issue, you should drain the water heater every six months. Follow the below procedure to drain your Reliance Water Heater like pro: Shut off the gas supply to the unit at the manual gas shut-off valve. Turn on a nearby hot water fixture and let it open until the water cools down. Close the cold water inlet valve. Attach a drain hose to the drain valve and place the end of the valve to the nearest floor drain. Open the water drain valve to drain water from the tank. Flush the water as much as you need to remove the scale buildup from the bottom of the tank. Close the drain valve, lift the heater with water, and restart the unit following the instructions mentioned in the manual. Thirdly, install a water heater that can meet your usage demand. It is always best to consult with a professional before choosing a water heater for your home. Fourthly, take your eyes at the water faucets. If they are leaking, you must fix them up. Be sure you don't waste the hot water or use it unnecessarily. Otherwise, you need to pay for it. In addition, if the piping runs a long distance, you must insulate the piping. Lastly, check the condition of the anode rod. If it gets rusted, replace it with a new one. Fortunately, I wrote a guide on Rheem Dip Tube Replacement. Though the brand is different, the procedure will work for every gas-operated tank water heater. 6. Drip From Relief Valve Hot water will trickle from the pressure relief valve due to excessive water pressure, thermal expansion, and heater stacking. Under the 'How To Fix' section, I will explain how you can fix these issues. How To Fix: If there is excessive water pressure, you can easily reduce that pressure by using a pressure reducing valve. Next, let me describe what thermal expansion is and how you can solve this issue. Homeowners like us often face some challenges like high-line pressure, frequent cut-offs, and the effects of water hammer. To avoid such incidents, we install devices like pressure reducing valves, check valves, and backflow control valves in the water supply systems. If somehow we or our plumbers fail to install these devices correctly, those devices cause the water systems to get clogged. As water is heated, it causes thermal expansion. In a closed system like your water heater, the volume of water will grow. When the volume of water grows, it will increase the water pressure due to thermal expansion. The side effect of thermal expansion is: it brings premature tank failure. And the worst part is: the manufacturer doesn't cover this type of failure under limited warranty. What I suggest to control the harmful effects of thermal expansion is to install a properly-sized thermal expansion tank on every closed system. 7. Condensate Condensation is not a problem at all. It actually happens when you fill the new water heater for the first time. Turns out, if you use a large amount of hot water within a short period and the refill water in the tank is cold, the condensation will form. Apart from these, an undersized unit will cause more condensation. How To Fix: You don't need to take any corrective actions as I said it's normal. Once the water in the tank warms up, the condensation will disappear. On the other hand, if this is the issue because of installing an undersized water heater, I recommend you size up the unit according to the demand of your family for hot water. 8. Thermostat Fails To Shut-off This problem occurs because of improper calibration or defective gas control. To fix this issue, replacing the gas control/thermostat is a must. Fortunately, I described how to replace the gas control in the previous article on Reliance Hot Water Heater Pilot Won't Stay Lit. So, read that article to resolve the issue. 9. Burner Flame Floats & Lifts Off Ports Burner flame is too high or floats & lifts off ports due to the following reasons: Orifice is too large High gas pressure Clogged fuel line How To Fix: First off, verify you install the correct type of orifice for the water heater. If it's too large, the burner flame will become too high. In this case, replacing the orifice with the correct one will be a simple fix to this issue. Secondly, if the gas pressure is high, it will be better to call your gas utility company or a certified technician to resolve this issue. Finally, check the fuel of the water heater and clean it if needed. FAQs Reliance 606 Water Heater is a gas-operated water heater and it has no reset button. However, you can use the gas control/thermostat knob as the reset button. It depends on multiple factors like what type of water heater you have and how you maintain the unit. For example, a typical tanked water heater will last up to 8-12 years if you maintain it properly. On the other hand, the life expectancy of a tankless unit is 20 years if you perform the maintenance workflow according to the manual. It depends on how much it will cost to repair the unit. If the repair will cost up to 50% or more of replacing the unit, it will not be worth repairing the water heater. End-Note: Every appliance, Reliance 606 Water Heater also goes through problems like burner won't ignite, pilot light won't stay lit, and smelly water. If you want the unit to get out of these issues, you should find the reasons behind a specific problem. And this guide on Reliance 606 Water Heater Troubleshooting will help troubleshoot the common problems of the unit. So, follow the troubleshooting tips I mentioned and get the unit ready to heat the water. Good Luck! Read Also: Reliance Water Heater Reset Button Eric Alvarez is the head of content on LiDutchUncle.Com. He is an HVAC guy based in El Paso, Texas, United States. He obtained his Bachelor of Science degree from the University Of Texas at El Paso. Years of experience in the HVAC field have taught him many lessons, not the least of which is that the value of quality and knowledge far exceeds any promised initial savings. He has a good standing reputation for superior skills in heating, air conditioning, hot water tanks, and indoor air quality systems. Did you dream about a hot shower this morning only to find there was no hot water? Or maybe you were looking to hand-wash a dish, but the water never heated up enough to get the grime off your plates. Sometimes, water heaters—gas or electric, tank or tankless—stop working as they should, including Reliance-branded heaters. Fortunately, there is a potential fix—but it depends on what type of Reliance water heater you have. Reliance electric water heaters should come with a reset button on the thermostat. However, the gas and tankless types do not. 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Related Post: [Where Is My Geospring Water Heater Reset Button? This Brand's Tankless Heaters Come With a Non-resettable Thermostat](#). Because of that, you'll need to turn to a hard reset instead. Just follow the steps in the section below. You may feel like you're out of luck without a reset button to press. Or you may have tried resetting the thermostat and it just didn't do much, which can occur with a faulty thermostat or when the heating problem originates elsewhere in the machine. Before pulling apart your hot water heater to inspect it, consider performing a hard reset. To perform a hard reset, turn off the power supply for at least 30 seconds. This means either unplugging your device from the outlet or turning off the switch to your heater on your circuit breaker. After waiting at least half a minute, you can plug it back in or turn the breaker back on and check whether it produces hot water again. Related Post: [How to Find Your Emaxx Water Heater Reset Button Beyond a Reset](#), you can try some do-it-yourself fixes before calling in a service technician. First, you can try checking the pipes and inlet valves for mineral buildup, also called scaling—primarily if you use a hard water supply. You can flush out mineral deposits using white vinegar. You can also check components like the thermal fuse, heating element, and thermostat for continuity. Replace a bad thermostat or other heating component if there's no continuity. Finally, consider the capacity of your heater. If you tend to run multiple taps at once, your heater might be unable to keep up. To address this, you can either reduce the number of fixtures you run at once or upgrade to a heater with a higher capacity. Whether or not your Reliance water heater has a resettable thermostat depends on what type you have. Their electric storage heaters come with one, but their gas-powered and tankless water heaters don't. However, if you have a gas-powered water heater, you may be able to reset the gas valve controller. And you can perform a hard reset on most appliances by cutting the power supply for 30 seconds or so. Don't hesitate to try some DIY inspections or call in a technician if a reset fails to fix your heater. This is a complete guide on Reliance Water Heater Reset Button where I will break down: The location of the reset button on Reliance Water Heater How to reset your Reliance Water Heater? What causes the reset button to trip on the Hot Water Heater? So, let's dive in. Table of Contents Reliance Water Heater Reset Button: Where Is It Located? Only the Reliance Electric (Tanked) Water Heater like Reliance 501c Electric Water Heater has a reset button. And you can find the reset button on the upper thermostat. In simple words, you should unscrew the upper access panel and fold away the insulation to get the reset button. However, other types of water heaters like gas water (both tanked and tankless) and electric tankless units don't have the reset button. Though these units have no reset buttons, you can still reset the button. In the next chapter, I will show how to reset the Reliance Water heater. How To Reset Reliance Water Heater? This chapter will disclose the step-by-step procedure to reset the Reliance Water Heater, no matter if the unit is tanked or tankless or electric or gas. Reset The Reliance Electric Water Heater: Reliance Electric Water Heater has a reset button. It depends on multiple factors like what type of water heater you have and how you maintain the unit. For example, a typical tanked water heater will last up to 8-12 years if you maintain it properly. On the other hand, the life expectancy of a tankless unit is 20 years if you perform the maintenance workflow according to the manual. It depends on how much it will cost to repair the unit. If the repair will cost up to 50% or more of replacing the unit, it will not be worth repairing the water heater. End-Note: Every appliance, Reliance 606 Water Heater also goes through problems like burner won't ignite, pilot light won't stay lit, and smelly water. If you want the unit to get out of these issues, you should find the reasons behind a specific problem. And this guide on Reliance 606 Water Heater Troubleshooting will help troubleshoot the common problems of the unit. So, follow the troubleshooting tips I mentioned and get the unit ready to heat the water. Good Luck! Read Also: Reliance Water Heater Reset Button Eric Alvarez is the head of content on LiDutchUncle.Com. He is an HVAC guy based in El Paso, Texas, United States. He obtained his Bachelor of Science degree from the University Of Texas at El Paso. Years of experience in the HVAC field have taught him many lessons, not the least of which is that the value of quality and knowledge far exceeds any promised initial savings. He has a good standing reputation for superior skills in heating, air conditioning, hot water tanks, and indoor air quality systems. The water heater should be drained if being shut down during freezing temperatures. Also periodic draining and cleaning of sediment from the tank may be necessary.1.Turn the gas control knob to the "OFF" position.2.CLOSE the cold water inlet valve to the water heater.3.OPEN a nearby hot water faucet and leave open to allow for draining.4.Connect a hose to the drain valve and terminate to an adequate drain.5.OPEN the water heater drain valve to allow for draining.6.Remove the washer and put the new one in place.5.Screw the handle and cap assembly back into the drainvalve and retighten using a wrench. DO NOT OVER TIGHTEN.6.Follow instructions in the "Filling The Water Heater" section.7.Check for leaks.8.Follow the lighting instructions in the "Lighting and Operating Instructions" section to restart the water heater.FIGURE 35 SERVICEBefore calling for repair service, read the "Start Up Conditions" and "Operational Conditions" found in the "For Your Information" section of this manual.If a condition persists or you are uncertain about the operation of the water heater contact a service agency. If you are not thoroughly familiar with gas codes, your water heater, and safety practices, contact your gas supplier or qualified installer to check the water heater. Use the "Leakage Checkpoints" guide to check a "Leaking" water heater. Many suspected "Leakers" are not leaking tanks. Often the source of the water can be found and corrected.Read this manual first. Then before checking the water heater make sure the gas supply has been turned "OFF", and never turn the gas "ON" before the tank is completely full of water.Never use this water heater unless it is completely filled with water. To prevent damage to the tank, the tank must be filled with water. Water must flow from the hot water faucet before turning "ON" gas to the water heater. Did you dream about a hot shower this morning only to find there was no hot water? Or maybe you were looking to hand-wash a dish, but the water never heated up enough to get the grime off your plates. Sometimes, water heaters—gas or electric, tank or tankless—stop working as they should, including Reliance-branded heaters. Fortunately, there is a potential fix—but it depends on what type of Reliance water heater you have. Reliance electric water heaters should come with a reset button on the thermostat. However, the gas and tankless types do not. Fortunately, you can still perform a hard reset on any Reliance heater by cutting off power temporarily. In this post, you'll find the locations of reset buttons in Reliance heaters and how to perform a hard reset if they don't have one or if a thermostat reset fails. Because the thermostat regulates the temperature your hot water heater reaches, an incorrect setting or other malfunction in the thermostat can interfere with hot water output. Many water heaters come with a resettable thermostat, including some Reliance ones. But not every Reliance hot water heater comes with a reset button on the thermostat. While you can press a reset button on the electric storage heaters, you won't find one on the gas storage or tankless water heaters. Source: [youtu.be/kvVFMtQM94c?t=260](https://youtu.be/kvVFMtQM94c?t=260) Reliance's electric storage heaters have a bright red reset button on top of the upper thermostat. You can locate the thermostat beneath a small panel toward the top or middle of the heater. Just remove the screw holding it in place and pull out the pieces of insulation underneath. From there, you can press the reset button. Unlike their electric counterparts, Reliance gas water heaters don't come with a reset switch or button on the thermostat. However, they do have a resettable gas valve controller. The gas valve regulates gas flow to the pilot light. If it's malfunctioning in some way, your heater won't get the fuel it needs to heat up water. The gas valve controller comes with a dial and water temperature settings. To reset this valve: Locate the controller on the side of the tank. Locate the temperature dial. Turn the dial to the Very Hot setting and leave it for 10 seconds. Turn the dial to Hot for another 10 seconds. Twist the dial to Pilot for 10 more seconds. After following this process, your controller should be reset. Related Post: [Where Is My Geospring Water Heater Reset Button? This Brand's Tankless Heaters Come with a Non-resettable Thermostat](#). Because of that, you'll need to turn to a hard reset instead. Just follow the steps in the section below. You may feel like you're out of luck without a reset button to press. Or you may have tried resetting the thermostat and it just didn't do much, which can occur with a faulty thermostat or when the heating problem originates elsewhere in the machine. Before pulling apart your hot water heater to inspect it, consider performing a hard reset. To perform a hard reset, turn off the power supply for at least 30 seconds. This means either unplugging your device from the outlet or turning off the switch to your heater on your circuit breaker. After waiting at least half a minute, you can plug it back in or turn the breaker back on and check whether it produces hot water again. Related Post: [How to Find Your Emaxx Water Heater Reset Button Beyond a Reset](#), you can try some do-it-yourself fixes before calling in a service technician. First, you can try checking the pipes and inlet valves for mineral buildup, also called scaling—primarily if you use a hard water supply. You can flush out mineral deposits using white vinegar. You can also check components like the thermal fuse, heating element, and thermostat for continuity. Replace a bad thermostat or other heating component if there's no continuity. Finally, consider the capacity of your heater. If you tend to run multiple taps at once, your heater might be unable to keep up. To address this, you can either reduce the number of fixtures you run at once or upgrade to a heater with a higher capacity. Whether or not your Reliance water heater has a resettable thermostat depends on what type you have. Their electric storage heaters come with one, but their gas-powered and tankless water heaters don't. However, if

you have a gas-powered water heater, you may be able to reset the gas valve controller. And you can perform a hard reset on most appliances by cutting the power supply for 30 seconds or so. Don't hesitate to try some DIY inspections or call in a technician if a reset fails to fix your heater. Did you dream about a hot shower this morning only to find there was no hot water? Or maybe you were looking to hand-wash a dish, but the water never heated up enough to get the grime off your plates. Sometimes, water heaters—gas or electric, tank or tankless—stop working as they should, including Reliance-branded heaters. Fortunately, there is a potential fix—but it depends on what type of Reliance water heater you have. Reliance electric water heaters should come with a reset button on the thermostat. However, the gas and tankless types do not. Fortunately, you can still perform a hard reset on any Reliance heater by cutting off power temporarily. In this post, you'll find the locations of reset buttons in Reliance heaters and how to perform a hard reset if they don't have one or if a thermostat reset fails. Because the thermostat regulates the temperature your hot water heater reaches, an incorrect setting or other malfunction in the thermostat can interfere with hot water output. Many water heaters come with a resettable thermostat, including some Reliance ones. But not every Reliance hot water heater comes with a reset button on the thermostat. While you can press a reset button on the electric storage heaters, you won't find one on the gas storage or tankless water heaters. Source: [youtu.be/kyVFMtQM94c?t=260](https://youtu.be/kyVFMtQM94c?t=260) Reliance's electric storage heaters have a bright red reset button on top of the upper thermostat. You can locate the thermostat beneath a small panel toward the top or middle of the heater. Just remove the screw holding it in place and pull out the pieces of insulation underneath. From there, you can press the reset button. Unlike their electric counterparts, Reliance gas water heaters don't come with a reset switch or button on the thermostat. However, they do have a resettable gas valve controller. The gas valve regulates gas flow to the pilot light. If it's malfunctioning in some way, your heater won't get the fuel it needs to heat up water. The gas valve controller comes with a dial and water temperature settings. To reset this valve: Locate the controller on the side of the tank. Locate the temperature dial. Turn the dial to the Very Hot setting and leave it for 10 seconds. Turn the dial to Hot for another 10 seconds. Twist the dial to Pilot for 10 more seconds. After following this process, your controller should be reset. Related Post: [Where Is My Geospring Water Heater Reset Button?](#) This brand's tankless heaters come with a non-resettable thermostat. Because of that, you'll need to turn to a hard reset instead. Just follow the steps in the section below. You may feel like you're out of luck without a reset button to press. Or you may have tried resetting the thermostat and it just didn't do much, which can occur with a faulty thermostat or when the heating problem originates elsewhere in the machine. Before pulling apart your hot water heater to inspect it, consider performing a hard reset. To perform a hard reset, turn off the power supply for at least 30 seconds. This means either unplugging your device from the outlet or turning off the switch to your heater on your circuit breaker. After waiting at least half a minute, you can plug it back in or turn the breaker back on and check whether it produces hot water again. Related Post: [How to Find Your Eemax Water Heater Reset Button](#) Beyond a reset, you can try some do-it-yourself fixes before calling in a service technician. First, you can try checking the pipes and inlet valves for mineral buildup, also called scaling—primarily if you use a hard water supply. You can flush out mineral deposits using white vinegar. You can also check components like the thermal fuse, heating element, and thermostat for continuity. Replace a bad thermostat or other heating component if there's no continuity. Finally, consider the capacity of your heater. If you tend to run multiple taps at once, your heater might be unable to keep up. To address this, you can either reduce the number of fixtures you run at once or upgrade to a heater with a higher capacity. Whether or not your Reliance water heater has a resettable thermostat depends on what type you have. Their electric storage heaters come with one, but their gas-powered and tankless water heaters don't. However, if you have a gas-powered water heater, you may be able to reset the gas valve controller. And you can perform a hard reset on most appliances by cutting the power supply for 30 seconds or so. Don't hesitate to try some DIY inspections or call in a technician if a reset fails to fix your heater.