

Carrier 58sta error codes

The flashing LEDs on your furnace will correspond to a specific fault code that is shown here on their diagnostic chart. Each of the YELLOW L.E.D. and the second digit determined by number of flashes of the GREEN L.E.D. If status code recall is needed, do not remove power or blower door. Briefly remove and then reconnect one main limit wire to display stored status code. To initiate the component test sequence, shut OFF the room thermostat or disconnect the "R" thermostat lead. Briefly short the TEST terminal to the "COM24V" terminal. Status LED will flash code and then turn ON the inducer motor. The inducer motor will run for the entire component test. The hot surface ignitor, blower motor-cool speed and blower motor-coo CODE: CONTINUOUS ON RESULT: Control has 24VAC power CODE: RAPID FLASHING RESULT: Line voltage (115VAC) polarity reversed. FIX: If twinned, refer to twinning kit instructions. CODE: 1-1 RESULT: NO PREVIOUS CODE FIX: Stored status codes are erased when power (115VAC or 24VAC) to control is interrupted or 48 hours after each fault is cleared. CODE: 1-2 RESULT: BLOWER ON AFTER POWER UP (115VAC or 24VAC) FIX: Blower runs for 90 seconds, if unit is powered up during a call for heat (R-W closed) CODE: 1-3 RESULT: LIMIT OR FLAME ROLL-OUT SWITCH LOCKOUT FIX: Control will auto reset after 3 hours. Reset switch or replace fuse link. CODE: 1-4 RESULT: IGNITION LOCKOUT- Control will auto-reset after three hours. CODE: 2-1 RESULT: GAS HEATINGING LOCKOUT FIX: Control will NOT auto reset. Check for: *Mis-wired gas valve *Defective control (Valve relay) CODE: 2-2 RESULT: ABNORMAL FIX: Flame is proved while gas valve is de-energized. Inducer will run until fault is cleared. Check for: *Leaky gas valve *Stuck open gas valve CODE: 2-3 RESULT: PRESSURE SWITCH DID NOT OPEN FIX: Check for: *Short circuit in secondary voltage (24VAC) wiring. CODE: 3-1 RESULT: PRESSURE, DRAFT SAFEGUARD, AUX-LIMIT SWITCH (when used*) OR BLOCKED VENT SWITCH (when used) DID NOT CLOSE OR REOPENED (DOWNFLOW ONLY) FIX: If open longer than five minutes, inducer shuts off for 15 minutes before retry. Check for: - Proper vent sizing - Defective inducer motor - Low inducer voltage (115VAC) -Defective blower motor or capacitor - Restricted vent - Excessive wind - Defective pressure tubing If it opens after trial for ignition period, blower will come on for 90 second recycle delay, CODE: 3-3 RESULT: LIMIT OR FLAME ROLL-OUT SWITCH IS OPEN FIX: If open longer than 3 minutes, code changes to lockout #13. Flame roll-out switch or fuse link open) - Open Flame Roll-out Switch or capacitor or capacitor - Dirty filter or restricted duct system - Loose blower wheel - Defective switch or connections - Inadequate combustion air supply (Flame roll-out switch or fuse link open) - Open Flame Roll-out Switch or capacitor - Dirty filter or restricted duct system - Loose blower wheel - Defective switch or capacitor - Dirty filter or restricted duct system - Loose blower wheel - Defective switch or capacitor - Dirty filter or restricted duct system - Loose blower wheel - Defective switch or capacitor - Dirty filter or restricted duct system - Loose blower wheel - Defective switch or capacitor - Dirty filter or restricted duct system - Loose blower wheel - Defective switch or capacitor - Dirty filter or restricted duct system - Loose blower wheel - Defective switch or capacitor - Dirty filter or restricted duct system - Loose blower wheel - Defective switch or capacitor - Dirty filter or restricted duct system - Loose blower wheel - Defective switch or capacitor - Dirty filter or restricted duct system - Loose blower wheel - Defective switch or capacitor - Dirty filter or restricted duct system - Defective switch or capacitor - Dirty filter or restricted duct system - Defective switch or capacitor - Dirty filter or restricted duct system - Defective switch or capacitor - Dirty filter or restricted duct system - Defective switch or capacitor - Dirty filter or restricted duct system - Defective switch or capacitor - Dirty filter or restricted duct system - Defective switch or capacitor - Dirty filter or restricted duct system - Defective switch or capacitor - Dirty filter or restricted duct system - Defective switch or capacitor - Dirty filter or restricted duct system - Defective switch or capacitor - Dirty filter or restricted duct system - Defective switch or capacitor - Dirty filter or restricted duct system - Defective switch - Defective switch - Defective switch - Defecti fuse link. Manual reset or replace. CODE: 3-4 RESULT: IGNITION PROVING FAILURE FIX: Control will try three more times before lockout #14 occurs. If flame signal lost during blower on-delay period, blower will come on for 90 second recycle delay. Check for: - Control ground continuity - Flame sensor must not be grounded - Oxide buildup on flame sensor (clean with fine steel wool) - Proper flame sense microamps (.5 microamps D.C. min., 4.0 - 6.0 nominal). - Gas valve defective or gas valve turned off - Manual valve shut-off - Defective Hot Surface Ignitor - Low inlet gas pressure - Inadequate flame carryover or rough ignition - Green wire MUST be connected to furnace sheet metal. carrier furnace error codes carrier furnace codes When the furnace starts and shuts off after about 20-30 seconds, there is likely a problem with the proving of flame. When a furnace starts, it checks that the combustible gas is properly lit to avoid flooding the home with unlit gases and causing damage to the unit in the form of soot. You may notice that there will be flames and then the unit shuts off after 20-30 seconds. If the problem is caused due to the gas delivery to the burners, then you may see not flames at all and the furnace shuts off after 20-30 seconds. What they flames at all and the furnace shuts off after 20-30 seconds. What they flames at all and the furnace shuts off after 20-30 seconds. What they flames at all and the furnace shuts off after 20-30 seconds. What they flames at all and the furnace shuts off after 20-30 seconds. What they flames at all and the furnace shuts off after 20-30 seconds. What they flames at all and the furnace shuts off after 20-30 seconds. What they flames at all and the furnace shuts off after 20-30 seconds. What they flames at all and they flames control board did not sense a flame or adequate flame and has shut down. What does Carrier Error code 14 which means Ignition Lockout and will fail to start. Error code 14 which means Ignition Lockout and will fail to start. back on again to reset the error code quickly. Causes of Error Code 34 and How to Fix It1. Oxide (soot) Buildup on Flame SensorTake off the flame sensor and using plain steel wool, clean the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and using plain steel wool and the flame sensor and the flame sensor eventually fails. 2. Gas Valve is Manually Shut OffCheck that the Qas shut off valve on the gas line going to the furnace is turn on. Check that the On/Off switch on the yalve is firmly in the ON position 3. Low Inlet Gas Pressure at the gas valve using a manometer. Natural Gas will be 5-7" water column and Propane with be 11-13" water column. You can tap into the incoming gas pressure incoming gas pressure is too low, then contact your utility company or propane provider to remedy this.4. Low Outlet Gas Pressure Check for proper gas pressure tap cap and attaching the manometer. Once connected, fire the furnace and adjust the set screws appropriately for High Fire and Low Fire modes. Counterclockwise rotation on the set screw lowers gas pressure, and clockwise rotation increases gas pressure, and clockwise rotation increases gas pressure, and clockwise rotation on the set screw lowers gas pressure, and clockwise rotation on the set screw lowers gas pressure, and clockwise rotation increases gas pressure, and clockwise rotation increases gas pressure. After adjusting, apply a small amount of pipe dope to test connection cap and reinsert in the gas valve. water column.5. Controls are Not GroundedCheck that the ground wire going to the gas manifold is secured (typically a green or green/yellow wire. Check ground at blower motor/ inducer and transformer as well.6. Defective Gas ValveIf you are getting 24V at the incoming power to the gas valve and the gas valve is not opening, then you have a defective gas valve. Likely the solenoid that controls in the internal valve has failed.7. Flame Sensor is Not Properly Grounded Make sure that the metal mounting surfaces are free from corrosion. 8. Burners are Dirty and CloggedCheck burners for soot and rust buildup and make sure that the inlets and outlets are clean. Remove if dirty and clean with a wire brush and/or pipe cleaners f you have any further questions about diagnosing these error codes or are in need of repairs parts, please reach out and contact us. Bosch washers are amazing appliances — until an error code pops up and they don't work as they should. Fortunately, some error codes may have simple solutions you can do on your own. Check out below for some common Bosch error codes and their possible fixes. Error Code E02 or E2 and Water Supply Problems If you see an E02 or an E2 error on a Bosch front-loading washing machine, you're probably dealing with a problem relating to the machine's water supply. These error codes are essentially telling you the machine isn't able to fill itself with water when the wash cycle is beginning. If the machine is filling with water pressure make sure the problem isn't within the home versus the machine. Next, check that the machine water supply is actually turned on. If it is, check the water hose to make sure it's not damaged. Error Code E13 and Drainage IssuesIf you see an E13 error pop up on the machine, you're most likely dealing with a drainage problem. Turn off the machine's power, and unplug the washer from the wall before you do anything. You're going to need to follow the detailed instructions in the machine's manual to get to the drain trap and lint filter. Once there, you'll be able to pull out whatever's clogging the machine. Remove the blockage and run a load of laundry while leaving the pump access door off. This way you can ensure the cap is back on properly and there are no further leaks. E17 Error Code and a Locked Machine locking itself up, preventing you from taking your clothes are still inside the machine as well as preventing the water from emptying. One quick fix for the E17 code is to take the machine and slowly tip it backwards. This will allow the water to slowly drain away from the sensor, which will then make the machine door open. Error 5 or Error 6 and Water Temperature IssuesIf you notice that an Error 5 or Error 6 and Water Temperature sensor is defective. Unplug the washer. When you're certain it's unplugged, take a look at the washer temperature sensor and reconnect any loose wires. If you notice the wire harness is damaged, replace it. If all of the other connect any loose wires. If you notice the wire harness is damaged, replace it. If all of the other connect any loose wires. If you notice the wire harness is damaged, replace it. 14, that code means the machine is sensing the overfill level has been reached. If that's not the case, it probably means the machine water level pressure switch is broken and will have to be replaced. If it's overfilled, shut off the water supply faucet immediately. When this error code is activated, the drain pump runs immediately, emptying out the water. This should prevent the machine from continuing to fill and eventually flooding your space. MORE FROM QUESTIONSANSWERED.NET

