DAIKIN AMANA HEATING & AIR CONDITIONING Goodman Air Conditioning & Heating

TECHNICAL SERVICE BULLETIN

TSB C-GN-OT-0102

Date: October 28, 2026

To: All Service and Parts Managers

From: Technical Services Department

Subject: **Factory-Installed Safety Devices**

This is an important Technical Service Bulletin to be carried out by trained and qualified service technicians. **THIS TECHNICAL SERVICE BULLETIN SERVES AS A SAFETY REMINDER THAT FACTORY-INSTALLED SAFETY DEVICES MUST NEVER BE BYPASSED, JUMPED, DEFEATED, ALTERED, TAMPERED WITH, OR REPLACED WITH COMPONENTS THAT CHANGE THEIR INTENDED OPERATING CHARACTERISTICS.** These devices are critical to the safe and reliable operation of HVAC equipment and help prevent personal injury, property damage, and equipment failure.

Examples of factory-installed safety devices include, but are not limited to:

1. **R-32 A2L Sensor.** The R-32 A2L Sensor is designed to continuously monitor for the presence of R-32 refrigerant leaks. When refrigerant is detected, the control system is designed to initiate protective actions such as operating indoor fans, activating ventilation, or shutting down equipment to prevent refrigerant concentrations from reaching hazardous levels.
2. **Vent Pressure Switches** on gas-fired furnaces. These switches are designed to close only when venting is adequate and open when venting is compromised (such as a blocked vent or failed inducer motor). Installing pressure switches or other safety devices with operating characteristics that differ from those specified by the manufacturer may result in unsafe operation and could expose occupants and service personnel to hazardous conditions.
3. **Limit Switches, including Auxiliary, Rollout, and High-Limit Switches.** Limit switches are designed to monitor furnace temperatures and protect against overheating conditions. Auxiliary, rollout, and high-limit switches automatically interrupt operation when unsafe temperatures are detected and serve as critical safety devices designed to prevent equipment damage and fire hazards.
4. **Interlock Door Switch.** This safety device is designed to prevent furnace operation when an access panel or blower door is removed or improperly installed. The switch interrupts equipment operation when the door is open, helping protect personnel from exposure to moving components, energized electrical components, and elevated temperatures. The switch must never be taped, blocked, defeated, or otherwise rendered inoperative.

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5. **High- and Low-Pressure Switches.** These switches are designed to protect the refrigeration system from operating outside acceptable pressure limits. The high-pressure switch opens when discharge pressure becomes excessive, while the low-pressure switch prevents operation under abnormally low suction pressure conditions that may indicate refrigerant loss, airflow restrictions, or other system faults.

Using replacement components that do not match the manufacturer's specified ratings, operating characteristics, or safety certifications constitutes a modification of the safety system and is prohibited. Only replacement parts specified for the equipment model may be used. Components selected solely on the basis of appearance, fit, or electrical ratings are not acceptable substitutes.

Service personnel must adhere to the following requirements when diagnosing, repairing, or maintaining equipment:

- Follow all instructions, warnings, and cautions contained in service literature and equipment labels.
- Never bypass, jumper, defeat, or disable a safety device.
    - Any temporary bypass used for diagnostic purposes must be performed only by a trained technician, must be continuously monitored, and must be removed immediately upon completion of the test.
- Equipment operating with a temporarily bypassed safety device for diagnostic purposes must always remain under the continuous direct observation of the service technician. **Equipment must never be left unattended while any safety device is bypassed.**
- Investigate and correct the root cause of any safety device activation before returning equipment to service.

Activation of a safety device is an indication of an abnormal operating condition. Safety devices are not the root cause of the problem and must not be adjusted, bypassed, or replaced solely for the purpose of restoring operation without first identifying and correcting the underlying cause. Repeated resetting or replacement of a safety device without identifying the underlying cause may result in unsafe operation and equipment damage.

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WARNING: Operating equipment with a bypassed, disabled, altered, or defeated safety device may result in fire, explosion, refrigerant exposure, electrical shock, equipment damage, serious injury, or death. Equipment must never be returned to service with any safety device rendered inoperative.

The warning label shown below can be found in all Installation Manuals.



If you have technical questions, please call 1-855-DAIKIN1 or e-mail TechnicalServicesDaikin@daikincomfort.com

DAIKIN COMFORT TECHNOLOGIES NORTH AMERICA, INC.
19001 Kermier Road • Waller, TX 77484 • (713) 861-2500 • www.daikincomfort.com

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