

AHST 2080-9068

AHST Simplex 2080-9068 Fire Suppression System Abort Switch User Manual

Model: 2080-9068

1. INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of the AHST Simplex 2080-9068 Fire Suppression System Abort Switch. Please read this manual thoroughly before attempting any installation or operation.

The Simplex 2080-9068 is designed as a signaling device for fire alarm systems, specifically for aborting fire suppression sequences. It is intended for indoor dry applications and surface mounting.

2. SAFETY INFORMATION

WARNING:

- Installation and wiring must be performed by qualified personnel in accordance with all local and national electrical codes and standards.
- Disconnect all power before installing or servicing this device to prevent electrical shock or equipment damage.
- Ensure the device is used only in indoor dry applications as specified.
- Do not modify the device. Unauthorized modifications can compromise safety and void the warranty.

IMPORTANT:

- Regular testing of the fire suppression system, including the abort switch, is crucial to ensure proper functionality.
- Refer to the complete fire alarm system documentation for specific integration and testing procedures.

3. PACKAGE CONTENTS

Verify that all items are present and undamaged upon unpacking:

- Simplex 2080-9068 Abort Switch Unit
- Mounting Hardware (screws, anchors if applicable)
- Instruction Manual (this document)



Image: The Simplex 2080-9068 abort switch unit, along with its accompanying instruction manual and small bag of mounting hardware, laid out on a surface.

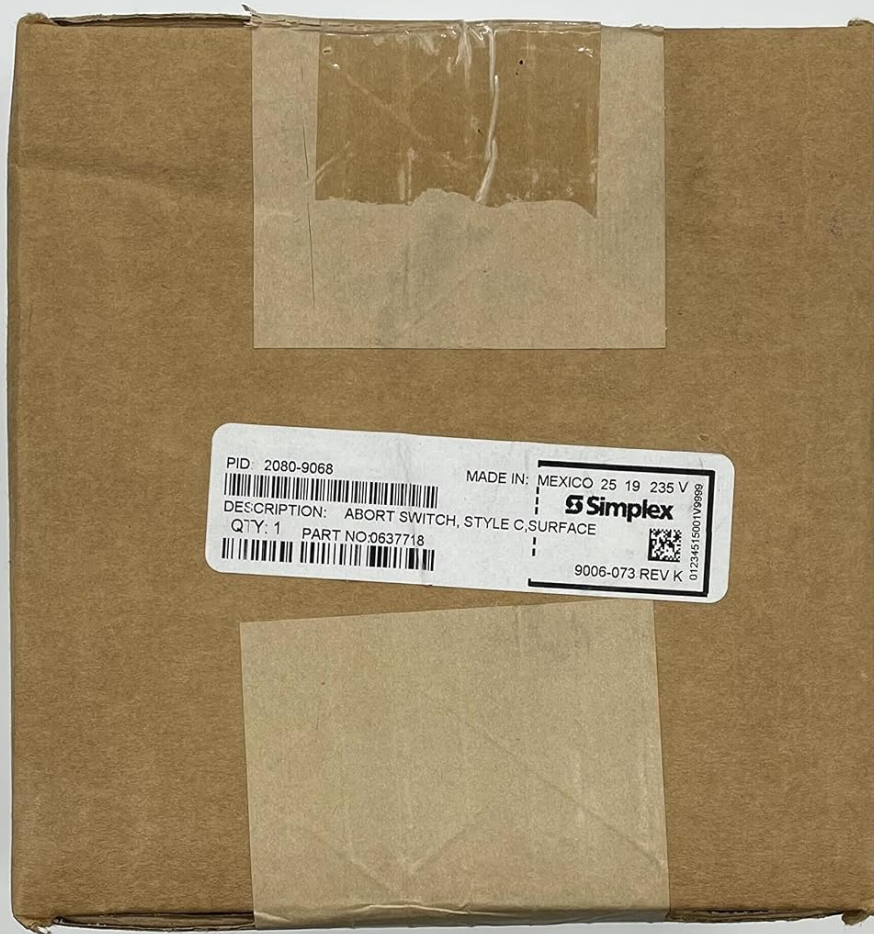


Image: The product packaging box for the Simplex 2080-9068 abort switch. A label on the box indicates "PID: 2080-9068" and "DESCRIPTION: ABORT SWITCH, STYLE C, SURF, RDE". The part number 0637718 is also visible on the label.

4. SETUP AND INSTALLATION

The Simplex 2080-9068 is designed for surface mounting in indoor dry applications.

4.1 Mounting

1. **Select Location:** Choose a suitable indoor, dry location for surface mounting, ensuring it is easily accessible and visible according to local fire codes.
2. **Prepare Surface:** Mark the mounting screw locations on the wall using the device as a template.
3. **Secure Device:** Mount the abort switch securely to the surface using the provided mounting hardware. Ensure the device is firmly attached and does not wobble.



Image: Front view of the Simplex 2080-9068 abort switch. It features a red push button in the center, with "FIRE SUPPRESSION SYSTEM ABORT" text on the left and "PUSH AND HOLD" on the right. The Simplex logo is visible on the bottom right.

4.2 Wiring

CAUTION: Ensure all power is disconnected before proceeding with wiring.

1. **Access Terminals:** Open the device housing to access the wiring terminals.
2. **Connect Wiring:** Connect the fire alarm control panel wiring to the appropriate terminals on the abort switch. Refer to the fire alarm system's installation manual for specific wiring diagrams. The device typically uses terminals for signaling input.
3. **Secure Connections:** Ensure all wire connections are secure and properly insulated.
4. **Close Housing:** Carefully close the device housing after wiring is complete.



Image: Rear view of the Simplex 2080-9068 abort switch, revealing the internal wiring terminals. There are four screw terminals, typically used for connecting to the fire alarm control panel. A UL Listed label is visible.



Image: A close-up of the product label on the Simplex 2080-9068 abort switch. The label indicates "SIGNALING S771 FIRE ALARM SUBASSEMBLY 257X", "UL LISTED 0999-040 REV E", and "MODEL NO: 2080-9068". It also states "MADE IN MEXICO" and provides manufacturer details.

5. OPERATING INSTRUCTIONS

The Simplex 2080-9068 is an abort switch for fire suppression systems. Its operation is straightforward:

1. **Normal State:** The switch remains in a standby state, ready for activation.
2. **To Abort Suppression:** In the event of an accidental fire alarm activation or a false alarm requiring the suppression sequence to be halted, press and hold the red button on the front of the switch.
3. **Confirmation:** The fire alarm control panel will receive the abort signal, and the suppression sequence will be paused or canceled as programmed. Refer to your fire alarm system's specific programming for exact behavior.
4. **Release:** Release the button when the abort action is no longer required or as directed by emergency protocols.

NOTE: This device is part of a larger fire suppression system. Its functionality is dependent on the proper operation and programming of the entire system. Always follow your facility's emergency procedures.

6. MAINTENANCE

The Simplex 2080-9068 abort switch requires minimal maintenance. Regular inspections and testing are crucial for reliable operation.

- **Visual Inspection:** Periodically inspect the switch for any signs of physical damage, loose connections, or environmental degradation.
- **Cleaning:** Clean the exterior of the device with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Functional Testing:** Conduct regular functional tests of the abort switch as part of your overall fire alarm system testing schedule, in accordance with NFPA standards and local regulations.
- **Professional Servicing:** Any repairs or internal servicing should only be performed by qualified fire alarm technicians.

7. TROUBLESHOOTING

If you encounter issues with the Simplex 2080-9068 abort switch, consider the following:

- **Switch Not Responding:**
 - Check wiring connections for looseness or damage.
 - Verify power supply to the fire alarm control panel.
 - Consult the fire alarm control panel manual for system diagnostics.
- **False Abort Signal:**
 - Inspect the button for any obstruction or damage that might cause it to stick.
 - Ensure the device is installed in a location free from accidental activation.

For persistent issues, contact a qualified fire alarm system technician or AHST customer support.

8. SPECIFICATIONS

Feature	Specification
Brand	AHST
Model Number	2080-9068
Power Source	Battery Powered (Note: This specification from the source data might refer to the overall system or a related product. The abort switch itself is typically passive or powered by the FACP. Consult FACP documentation.)
Alarm Type	Vibration (Note: This specification from the source data might refer to the overall system or a related product. The abort switch itself is a manual pull station. Consult FACP documentation.)
Unit Count	1 Count

Feature	Specification
Manufacturer	AHST
UPC	808236694006
ASIN	B0B69GKQKL
GTIN	808236694006
Application	Indoor Dry Application, Surface Mount

9. WARRANTY AND SUPPORT

For warranty information and technical support, please contact AHST directly or refer to the documentation provided with your complete fire suppression system. Specific warranty terms may vary.

AHST Customer Support: Refer to the AHST official website or product packaging for the most current contact information.

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