

## Addendum H

### Smoke & Carbon Monoxide Alarm Maintenance and Alarm Testing

#### Weekly Testing

**It is important to test this unit every week to make sure it is working properly. Using the test button is the recommended way to test this smoke/co alarm.**

1. Push and hold the test/silence button on the cover until you hear a “chirp”. The “chirp” marks the start of the self-test sequence.
2. During the testing, you will hear a loud, repeating horn pattern: 3 beeps, pause, 3 beeps, pause, while the red smoke LED flashes. Then you will hear a loud repeating horn pattern: 4 beeps, pause, 4 beeps, pause, while the red CO flashes
3. When testing a series of interconnected you must test each unit individually. Make sure all units alarm when each one is flashes. Make sure all units alarm when each one is flashes.

#### **If the Smoke/CO alarm does not test properly:**

1. Make sure the AC power is applied and battery is fresh and installed correctly.
2. Be sure the alarm is clean and dust-free.
3. Test the unit again.

If the Smoke/CO alarm is still not working properly contact the rental office or submit a work order at [www.firsttroyrents.com](http://www.firsttroyrents.com) or by calling 937-335-5223.

#### **Regular Maintenance**

This unit has been designed to be as maintenance-free as possible but there are a few simple things you must do to keep it working properly:

1. Test it at least once a week.
2. Clean the Smoke/CO alarm at least once a month; gently vacuum the outside of the Smoke/CO alarm using your household vacuum’s soft brush attachment. Test the Smoke/CO alarm. Never use water, cleaners, or solvents since they may damage the unit.
3. If the Smoke/CO alarm becomes contaminated by excessive dirt, dust and or grime, and cannot be cleaned to avoid unwanted alarms, replace the unit immediately.
4. When the battery back-up becomes weak, the alarm will “chirp” about once a minute (the low batter warning). This warning should last about 7 days, but you should replace the battery immediately to continue your protection. **This alarm must have AC or battery power to operate. If AC power fails and the battery is dead or missing, the Alarm cannot operate.**

#### **Warning!**

**DO Not spray cleaning chemicals or insect sprays directly on or near the alarm. DO Not Paint over the alarm. Doing so may permanently damage the alarm.**

**Choosing a Replacement Battery:**

This Smoke/CO Alarm requires on standard 9 volt alkaline battery. The following alkaline batteries are acceptable as replacements: Duracell #MN1604 or MX1604; Eveready “Energizer” 522. You can also use ultralife 9 volt lithium battery U9VL-J, U9VL-J-P for longer service life between battery changes.

<b>TROUBLESHOOTING GUIDE</b>		
<b>⚠ DANGER!</b> <b>ELECTRICAL SHOCK HAZARD.</b> Turn off the power to the area where the Alarm is installed <b>BEFORE</b> removing it from the mounting bracket or checking any electrical connections! Failure to turn off the power first may result in serious electrical shock, injury or death.		
If your Alarm does this...	It means...	You should...
Green light is OFF. Unit will not alarm when you press the Test/Silence button.	Unit may not be receiving any power.	Check the AC power supply. Make sure the power connector is securely attached to the alarm. Make sure a fresh 9V battery is installed to power the battery back-up*.
Green light flashes ON, once a minute (horn is silent).	Alarm is not receiving AC power.	Unit is operating on battery back-up. Check the AC power supply.
Once a minute, the Green light flashes and the horn “chirps”.	Low battery warning. Battery is low or missing.	Replace the battery, avoid interrupting AC power.
Once a minute, the alarm sounds 3 quick “chirps”, and the green light flashes quickly three times.	<b>MALFUNCTION SIGNAL.</b> Unit needs to be replaced. Based on self-diagnostic tests, the unit has detected a fault.	Units under warranty should be returned to manufacturer for replacement. See “Limited Warranty” for details.
Alarm goes back into alarm after you pressed the Test/Silence button to silence an alarm.	Smoke and/or CO levels are still potentially dangerous.	Refer to “If Your Smoke/CO Alarm Sounds” for details on how to respond to an alarm. If anyone is feeling ill, <b>EVACUATE</b> your home immediately and call 911.
Alarm sounds frequently even though no high levels of smoke or CO are revealed in an investigation.	The Alarm may be improperly located. Refer to “Where to Install This Alarm.”	Relocate your alarm. If frequent alarms continue, have home rechecked for potential problems. You may be experiencing an intermittent smoke or CO problem.
*For a list of acceptable replacement batteries, see “Regular Maintenance.”		
If you have any questions that cannot be answered by reading this manual, call Consumer Affairs: 1-800-323-9005.		

**“SMART INTERCONNECT” FEATURE**

This Alarm includes "Smart Interconnect" which enables the Alarm to be interconnected with other BRK Smoke, Heat, and "Smart Interconnect" CO Alarms. When smoke is detected, all Alarms will sound the smoke horn pattern. When CO is detected, "Smart Interconnect" Alarms will sound the CO horn pattern. Alarms that do not have the "Smart Interconnect" Feature will remain silent during a CO alarm.

**USING THE SILENCE FEATURE**

NEVER disconnect the power to your Smoke/CO Alarm to silence the horn—use the Silence Feature. Disconnecting the Smoke/CO Alarm removes your protection! If the unit will not silence or if it stays in silence mode continuously, it should be replaced immediately.

1. The Silence Feature is intended to temporarily silence the horn while you identify and correct the problem. Do not use the Silence Feature in emergency situations. It will not correct a CO problem or extinguish a fire.
2. To use the Silence Feature, press the Test/Silence button until you hear the acknowledge “chirp” or until the horn is silent.
3. If the Test/Silence button is pressed while the Smoke/CO Alarm is in the silence mode, the alarm will start sounding again. To silence Alarms in an interconnected series: To silence an interconnected series of Smoke/CO Alarms, you must press the Test/Silence button on the initiating alarm (The unit with the flashing red light; the red light will be off on all other Alarms.). If you press the Test/Silence on any other Alarm, it will only silence that unit, not the whole interconnected series.

### **WHEN THE SMOKE ALARM IS SILENCED...**

The Smoke Alarm will remain silent for up to 15 minutes and then return to normal operation. If the smoke has not cleared within the silence period or if smoke increases to a critical level during the silence period, the unit will go back into alarm.

**Use the Silence Feature only if you are certain of the source of smoke. If you are not certain of the source or a fire starts while you are clearing smoke, evacuate the house immediately. Not responding to an alarm can result in property loss, injury, or death.**

### **WHEN THE CO ALARM IS SILENCED...**

The CO Alarm will remain silent for 4 minutes. While the Alarm is silenced, it will continue to monitor the air for CO. After 4 minutes, if CO levels remain potentially dangerous the horn will start sounding again.

**The Silence Feature is intended to temporarily silence the Alarm horn. It will not correct a CO problem.**

### **LOW BATTERY SILENCE FEATURE**

This Silence Feature can temporarily quiet the low battery warning “chirp” for up to 8 hours if AC power is present. Press the Test/Silence button on the Alarm cover until you hear the acknowledge “chirp”. Once the low battery warning “chirp” silence feature is activated, the unit continues to flash the green light once a minute for 8 hours. After 8 hours, the low battery “chirp” will resume. The Alarm will continue to operate as long as AC power is supplied. However, **replace the battery as soon as possible**, to maintain protection in event of a power outage.

## **THE “LATCHING ALARM” INDICATOR:**

**The Latching Alarm Indicator** is activated after an Alarm is exposed to alarm levels of smoke or carbon monoxide. This feature will only work with AC power. After smoke or CO levels drop below alarm levels, the red smoke or CO LED will begin to flash once every 5 seconds. It will continue to flash or “latch” until you clear it by testing the alarm.

This feature helps emergency responders, investigators, or service technicians identify which unit(s) in your home were exposed to alarm levels of smoke or carbon monoxide. This can help investigators pinpoint the source of smoke or CO.

**Interconnected Alarms** Latching Alarm Indicator shows which Alarm(s) in the series were exposed to alarm levels of smoke or carbon monoxide. The Latching Alarm Indicator stays ON until you clear it, so it can alert you to an alarm that occurred while you were away from home, even though smoke or CO present in the air has dropped below alarm levels.