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## **BATTERY REPLACEMENT INSTRUCTIONS**

**For SafeWatch® 3000, Vista-10, Vista-20, Concord 4, Concord Express,  
DSC 1555 and DSC 1616 Residential Control Panels**

The ADT SafeWatch® 3000, Vista, Concord and DSC residential security systems have a backup battery designed to supply power to the security system during a limited power outage. The battery, much like a car's battery, must be replaced from time to time due to age and usage. The backup battery needs to be replaced when the keypad displays a "BAT" or "SYSTEM LO BATTERY" message.

In most cases you can replace the battery yourself, typically saving you time and money. The process requires the removal of two wires from the old battery and reconnecting the same wires to the new battery. Before replacing the battery, please read these instructions carefully, including the Battery Safety Warning instructions below.

### **Battery Safety Warning**

This section on Battery Safety should be read in its entirety and its contents understood before handling or using a rechargeable sealed lead-acid battery.

- Due to the potential energy stored in a sealed lead-acid battery, improper handling or use of the battery or failure to observe the precautions listed in this document may result in bodily injury caused by electrolyte leakage, heat generation or explosion.
- USE ELECTRICALLY INSULATED TOOLS. Use of un-insulated tools may cause a short circuit and the heat or sparks generated by the short circuit can result in burns, damage to the battery, or an explosion. Metallic tools may be insulated using vinyl or electrician's tape.
- When unpacking the battery, make sure to handle it gently. Rough handling may shock the battery, causing damage. Check that the battery is free from cracks, fractures, or leakage.
- Be extremely careful not to drop the battery to avoid the possibility of serious injury.

**If at any time you feel uncertain that you can follow these instructions or want to have the battery replaced by an ADT service technician, contact the ADT Customer Care Department at 1-800-ADT-ASAP and schedule a service appointment. In most cases, ADT's standard service charge will apply.**

### **Requesting a Replacement Battery**

If you choose to replace the battery yourself, contact ADT at 1-800-ADT-ASAP to have a replacement battery sent to you or you can purchase one at a local battery supply store. If there is a lock on the control panel door and you do not have a key, inform the ADT Customer Care Representative and a key will be sent to you.

# Battery Replacement Instructions

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## Before replacing the battery

Before starting the battery replacement procedure:

- call the ADT Customer Care Department at 1-800-ADT-ASAP to have your security system placed “on test”
  - read the Battery Safety Warning section on the previous page, and
  - become familiar with the battery replacement instructions.
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## Control panel

The control panel battery is located inside a control panel box similar to the one shown in the picture below. The control panel box is typically located inside a closet, basement or utility room in your home.



## Backup battery sizes

The backup battery could be of one of two sizes, either a 4 Ah or a 7 Ah size. The picture below shows the two battery sizes and the location of the wire terminals.

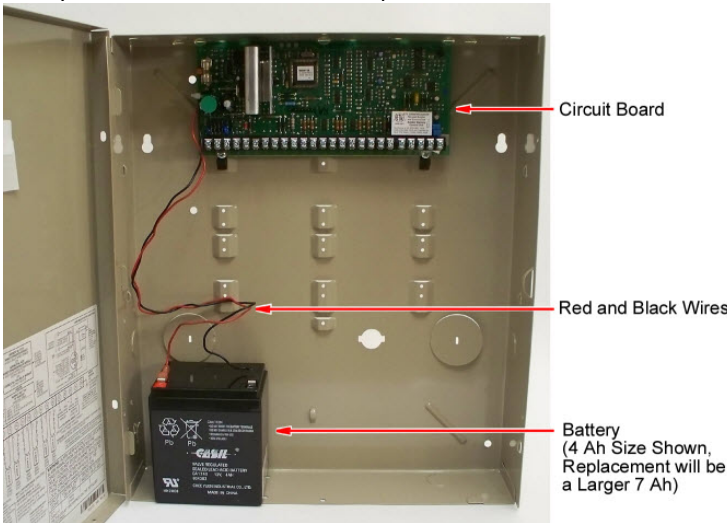


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## Battery Replacement Instructions, Continued

### Battery replacement procedure

Upon receipt of the replacement battery, follow the steps below to replace the control panel battery.

Step	Action								
1	Ensure you have your Personal Identification Code (PIC) and then call the ADT Customer Care Department at 1-800-ADT-ASAP to request that your security system be placed <b>"on test"</b> .								
2	<p>Open the control panel box, either by removing the screws on the side of the cover or with the control panel key. Note: The photo below does not show all of the internal components and wiring. Your control panel may also look different from the photo.</p>  <p>Circuit Board</p> <p>Red and Black Wires</p> <p>Battery (4 Ah Size Shown, Replacement will be a Larger 7 Ah)</p>								
3	<p>Examine the battery inside.</p> <p>3.1 The replacement battery will be the larger 7 Ah size. Remove the new battery from the carton and determine if there is enough room inside the control panel box to accommodate the battery.</p> <ul style="list-style-type: none"><li>• If yes, go to step 4.</li><li>• If the 7Ah battery does not fit inside the control panel box close the control panel door and call 1-800-ADT-ASAP to schedule a service call and to request that the system be <b>"removed from test"</b>.</li></ul> <p>3.2 Does the battery look abnormal; (<b>Caution:</b> Does the battery have a swollen or split case, liquid is leaking from the case, the terminals are corroded or a hot case)?</p> <ul style="list-style-type: none"><li>• If no, go to step 4.</li><li>• If yes, close the control panel door and call 1-800-ADT-ASAP to schedule a service call and to request that the system be <b>"removed from test"</b>.</li></ul>								
4	<p>Disconnect the old battery.</p> <p><b>Caution:</b> Be sure to read the <b>Battery Safety Warning</b> at the beginning of these instructions before disconnecting the backup battery.</p> <table><tr><th>Step</th><th>Action</th></tr><tr><td>4.1</td><td>Pull the <b>BLACK</b> wire's connector from the negative (–) battery terminal. This may require pliers with electrically insulated handles. The connector may need to be wiggled slightly for it to loosen and become disconnected.</td></tr><tr><td>4.2</td><td>Pull the <b>RED</b> wire's connector from the positive (+) battery terminal. This may require pliers with electrically insulated handles. The connector may need to be wiggled slightly for it to loosen and become disconnected.</td></tr><tr><td>4.3</td><td>Remove the old battery from the control panel box. <b>Warning:</b> Do not touch any metal objects to the terminals on the battery or to the open- end of the black and red wire connectors.</td></tr></table>	Step	Action	4.1	Pull the <b>BLACK</b> wire's connector from the negative (–) battery terminal. This may require pliers with electrically insulated handles. The connector may need to be wiggled slightly for it to loosen and become disconnected.	4.2	Pull the <b>RED</b> wire's connector from the positive (+) battery terminal. This may require pliers with electrically insulated handles. The connector may need to be wiggled slightly for it to loosen and become disconnected.	4.3	Remove the old battery from the control panel box. <b>Warning:</b> Do not touch any metal objects to the terminals on the battery or to the open- end of the black and red wire connectors.
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4.3	Remove the old battery from the control panel box. <b>Warning:</b> Do not touch any metal objects to the terminals on the battery or to the open- end of the black and red wire connectors.								

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## Battery Replacement Instructions, Continued

### Battery replacement procedure (continued)

Step	Action								
5	Place the new battery inside the control panel box. <table border="1"> <tr> <th>Step</th><th>Action</th></tr> <tr> <td>5.1</td><td>If the replacement battery has plastic terminal protectors, remove them before connecting the wires to the battery.</td></tr> <tr> <td>5.2</td><td>Connect the <b>RED</b> wire to the <b>RED</b> terminal of the new battery by pushing the connector firmly onto the terminal. If you do not see a <b>RED</b> colored terminal, look closely at the top of the battery for a positive sign (+) next to the terminal and connect the <b>RED</b> wire to the positive (+) terminal.</td></tr> <tr> <td>5.3</td><td>Connect the <b>Black</b> wire to the <b>Black</b> terminal of the new battery by pushing the connector firmly onto the terminal. If you do not see a <b>Black</b> colored terminal, look closely at the top of the battery for a negative sign (-) next to the terminal and connect the <b>Black</b> wire to the negative (-) terminal.</td></tr> </table>	Step	Action	5.1	If the replacement battery has plastic terminal protectors, remove them before connecting the wires to the battery.	5.2	Connect the <b>RED</b> wire to the <b>RED</b> terminal of the new battery by pushing the connector firmly onto the terminal. If you do not see a <b>RED</b> colored terminal, look closely at the top of the battery for a positive sign (+) next to the terminal and connect the <b>RED</b> wire to the positive (+) terminal.	5.3	Connect the <b>Black</b> wire to the <b>Black</b> terminal of the new battery by pushing the connector firmly onto the terminal. If you do not see a <b>Black</b> colored terminal, look closely at the top of the battery for a negative sign (-) next to the terminal and connect the <b>Black</b> wire to the negative (-) terminal.
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6	Go to your alarm keypad to make sure that it no longer displays a <b>"BAT"</b> or <b>"SYSTEM LO BATTERY"</b> message. Does your security system display either one of these messages? <ul style="list-style-type: none"> <li>• If no, go to step 7.</li> <li>• If yes, the battery may need to recharge for a short time; wait one hour and check again. If either the <b>"BAT"</b> or <b>"SYSTEM LO BATTERY"</b> message is still displayed please call ADT at 1-800-ADT-ASAP to schedule a service call for a service technician to inspect your security system.</li> </ul>								
7	Test your security system to make sure it is working proper. Follow the instructions in the SafeWatch® Pro 3000, Vista-10 or Vista-20 <b>"User's Guide"</b> in the <b>"Testing the System"</b> section. Did you experience any issues during the system test? <ul style="list-style-type: none"> <li>• If no, go to step 8.</li> <li>• If yes, please call ADT at 1-800-ADT-ASAP to schedule a service call for a service technician to inspect your security system.</li> </ul> <p><b>Note:</b> Testing of your security system should be conducted each week.</p>								
8	Close the control panel door and replace the screws or lock the door.								
9	Call the ADT Customer Care Department at 1-800-ADT-ASAP and request that the system be <b>"removed from test"</b> and that normal monitoring be resumed.								
10	Dispose of the battery appropriately. ADT wants to make customers for life and believes in sustainability and protecting the environment. In pursuit of these goals, ADT is constantly looking for ways to decrease our impact on the environment. We encourage you to do your part and properly recycle the old sealed lead-acid battery being replaced in your alarm system.  To find a recycler in your area please go to <a href="http://www.call2recycle.org">www.call2recycle.org</a> and enter your zip code in the "Find a recycling location link". Returning your lead-acid battery to a recycler listed on this site is free of charge and will ensure it is being recycled according to all applicable regulatory requirements.  For more information on what ADT and Tyco are doing to improve sustainability and reduce our environmental impact, please visit the corporate citizenship area at <a href="http://www.tyco.com">www.tyco.com</a> .								