2GIG
2GIG-DW40-345

WIRELESS DOOR/WINDOW CONTACT WITH LOCAL BYPASS

INSTALLATION INSTRUCTIONS

1. The Wireless Door/Window Contact with Local Bypass (2GIG-DW40-345) is designed for installation on doors, windows, and other items having an open/close feature. It communicates with the control panel using the 2GIG protocol.

2. Figure 1. Wireless Door Contact Components

CONTACT
ADHESIVE STRIP FOR MAGNET
PHILLIPS SCREWS (2)
MAGNET
ADHESIVE STRIP FOR CONTACT
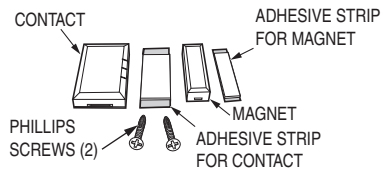
Box Contents

Verify that the package contains the following:

- •1—Wireless Door/Window Sensor with Battery
- •1—Adhesive Tape for Sensor
- •1—Magnet
- •1—Adhesive Tape for Magnet
- •2—Phillips Screws

Activating Contact

To activate the battery in contact, pull out the plastic battery pull tab and discard it. A red LED will flash 5 times to indicate that the bypass button is enabled.
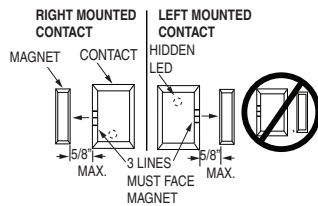
Figure 2. Removing the Plastic Battery Pull Tab

PLASTIC BATTERY PULL TAB
CONTACT
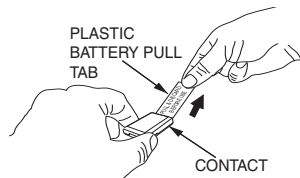
Mounting Orientation

Before mounting the contact and magnet **check** the mounting orientation (See Figure 3). There are three (3) lines on the contact and they **must** face the magnet.

Figure 3. Contact/Magnet Orientation

RIGHT MOUNTED CONTACT
MAGNET   CONTACT
LEFT MOUNTED CONTACT
HIDDEN LED
5/8" MAX.   3 LINES MUST FACE MAGNET   5/8" MAX.

Mount the contact on the stationary part of the window or door. Mount the magnet on the moving part of the window or door.

A 5/8"(15.875mm) maximum distance is allowed between the magnet and contact.

Figure 4. Contact/Magnet Location on a Window or Door

CONTACT IS ATTACHED TO STATIONARY LOCATION
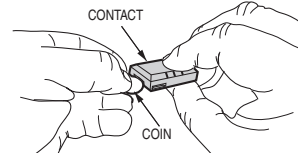MAGNET   MAGNET
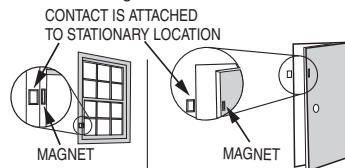
Contact Mounting Methods

First determine if the local bypass button will be used. The local bypass button is enabled by default. Disabling the button provides higher security if used as a door/window contact only. Please see reverse side on instructions to enable or disable the local bypass button.

Select the mounting method that will be used. If the installation conforms to UL, open the contact base using a coin in the slots (See Figure 5). Fasten the contact base permanently to location using the Phillips screws (provided). See Figure 6.
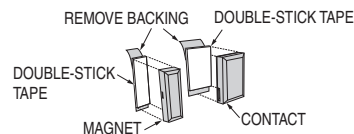
Figure 5. Opening Contact

CONTACT BASE
PHILLIPS SCREWS
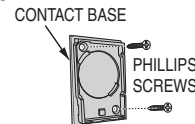
Figure 6. Permanently Mounting Contact Base

CONTACT
COIN

Figure 7. Double-Stick Tape Mounting Contact & Magnet

REMOVE BACKING   DOUBLE-STICK TAPE
DOUBLE-STICK TAPE
MAGNET   CONTACT

If installation is not for a UL installation, the contact can be fastened into position using double-stick tape. (See Figure 7).

1. Clean and dry the surface of the mounting locations.
2. Apply the adhesive strips to the contact and magnet.
3. Use firm pressure to adhere the contact to the desired location. NOTE: For best results, avoid mounting the adhesive tape at temperatures below 50° F (10°C). After 24 hours, bond will hold at lower temperatures.

Using the Bypass Mode

The 2GIG-DW40-345 Wireless Door/Window Contact has a local bypass feature. This means that the contact allows opening of a protected door or window without sending a signal to the control panel.

Figure 8. Push Bypass Button

BYPASS BUTTON (SHADED AREA)

RED LED
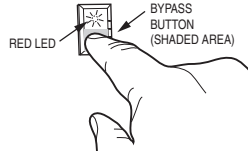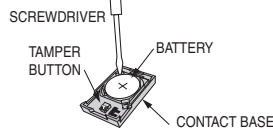
To operate the bypass feature:
1. With door closed, press and hold the bypass button on the contact until LED turns on. If the LED is off and the door is closed, press and hold the local bypass button down again until the LED turns on.
2. Now open door.

The LED will remain on for up to 30 seconds and indicates that the door can be opened without sending a signal to the panel. This local bypass event will be logged on panels with software that supports the Bypass Sensor Log feature. The LED will flash once every ten (10) seconds to indicate that bypass mode is active.

3. To deactivate bypass mode, simply close the door. A status message will be sent to the alarm panel indicating that the bypass mode has now been canceled. Note: Status message will only show on panels with software that supports the Bypass Sensor Log feature.

Disable the Bypass Feature

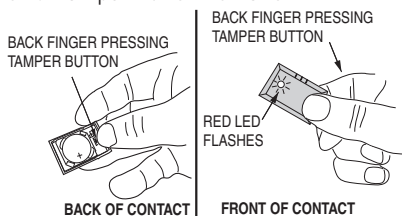If the contact is not opened yet, refer to Figure 5 on reverse side of this page.
1. Pry the battery out of sensor base using a flat blade screwdriver. Note location of tamper button.

Figure 9 . Battery and Tamper Button

SCREWDRIVER

TAMPER BUTTON

BATTERY

CONTACT BASE

2. Insert battery + side up, while holding tamper button for three (3) seconds or more to toggle enable/disable of bypass feature. **NOTE:** The red LED will flash once to indicate that the bypass feature is disabled.
3. Release the tamper button. This feature will remain disabled even if the battery is replaced

Figure 10. Tamper Button Activation

BACK FINGER PRESSING TAMPER BUTTON

BACK FINGER PRESSING TAMPER BUTTON

RED LED FLASHES

BACK OF CONTACT | **FRONT OF CONTACT**

Re-enable Bypass Feature

Repeat steps 1-3 under Disable the Bypass Feature.
NOTE: The red LED will flash five (5) times to indicate that the bypass feature is enabled.

Checking Local Bypass Function Status
1. Remove and re-install battery into contact.
2. LED will flash five (5) times to indicate local bypass button is enabled or one (1) time if disabled.

Inserting and Replacing Battery

To insert or replace battery:
1. Remove contact base. See Figure 5 on reverse side
2. Remove the battery (See Figure 8). Removing the cover triggers a zone tamper signal, which is transmitted to the control panel.
3. Insert the battery with the **+** side up, then snap sensor base and cover back together.

IMPORTANT: Always dispose and/or recycle used batteries in accordance with the hazardous waste recovery and recycling regulations for your location. Your city, state, or country may also require you to comply with additional handling, recycling, and disposal requirements.

WARNING: Failure to follow these warnings and instructions can lead to heat generation, rupture, leakage, explosion, fire, or other injury, or damage. Do not insert the battery into the compartment in the wrong direction. Always replace the battery with the same or equivalent type (See Specifications). Never recharge or disassemble the battery. Never place the battery in fire or water. Always keep batteries away from small children. If batteries are swallowed, promptly see a doctor.

Specifications

Frequency	345 MHz
Battery	3-Volt CR2013 Battery (or Equivalent)
Magnet	5/8" max. gap
Operating Temperature	32°-120°F
Humidity	5-95% RH non-condensing
Compatibility	2GIG receivers
Supervisory Interval	Approximately 70 minutes
Wireless Signal Range	275 ft (80m) open air with 2GIG panel

Regulatory Information

WARNING: Changes or modifications not expressly approved by Nortek Security & Control could void the user's authority to operate the equipment.
This device complies with FCC Part 15 Rules and Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
Cét appareil est conforme la norme d'Industrie Canada exempts de licence RSS. Son fonctionnement est soumis aux deux conditions suivantes: (1) cét appareil ne peut pas provoquer d'interférences, et (2) c'et appareil doit accepter toute interférence, y compris les interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement de la dispositif.
FCC ID: WDQ-DW40345   IC: 7794A-DW40-345

Limited Warranty

This Nortek Security & Control LLC product is warranted against defects in material and workmanship for two (2) years. This warranty extends only to wholesale customers who buy direct from Nortek Security & Control LLC or through Nortek Security & Control normal distribution channels. Nortek Security & Control does not warrant this product to consumers. Consumers should inquire from their selling dealer as to the nature of the dealer's warranty, if any.
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