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Date: May 9, 2019

Who is the contact?  
 Technical Support Department

## Setting up Opus controls on Swinger Pairs and Bi-Folds

Applies to the following products:

- GT300/400 Full Automatic - Simultaneous Pair or Double Egress Swinger Operators
- GT500 and GT710 Low Energy Swinger Operators - Simultaneous Pair or Double Egress Swinger Operators
- GT1400 Bi-Folding Doors

All sideload swinger pairs and bi-folds leaving Nabco's factory are already setup to operate as a pair. Refer to illustrations below. At the top of the main screen, one control should indicate "Type 1" and the other should indicate "Type 2".



The control labeled "Type 2" should be considered the "master" control. Programming changes should typically be done from the "Type 2" control. All activation devices should be connected to the "Type 2" control.

Anytime software changes are made that need to apply to both controls, perform them from the "Type 2" control. When exiting programming you will be prompted to "copy data", select "yes" at this time. This will ensure that the changes on the "Type 2" control are transferred to the "Type 1" control. Never copy from the "Type 1" control.

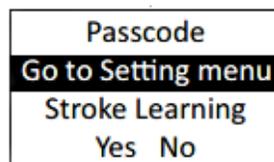
### If you have two "Type 2" controls, you will need to do the following

Copying data from one control to another automatically assigns the control that you are copying from as a "Type 2" and the opposite control stays as a "Type 1". This is the correct setup for a pair of doors. Once you have set up your pair in this manner you should never then copy from the "Type 1" control to the other control. If the other control was already "Type 2", you will now have two "Type 2" controls. Controls in a pair of doors must always be different "Types" as mentioned previously.

To resolve, perform a "factory reset" on the "slave" control (the control without the activation connections to it). This will reset that control back to Type 1.

Refer to the illustration at right.

1. To reset the control, press and hold the dial from the main status screen. This will take you to the Level 2 Access Screen shown at right.



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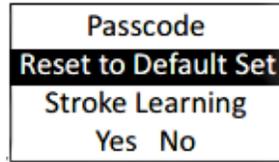
# TECHNICAL BULLETIN

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2. With "Go to Setting Menu" highlighted as shown on the previous page, rotate the dial clockwise to choose "Reset to Default Set" as shown at right.



2. Briefly press the dial to select.
3. You will be required to enter the password 0045.
4. After resetting the control, go to "optional settings" and change the "sim pair setting" to your desired setting again.
5. When exiting, be sure to select "no" when asked to copy data.
6. You will need to go into programming on the "Type 2" control, choose any setting and when exiting select "yes" to copy data.
7. In the case where changes need to be made to only one control, always be sure to select "no" when asked to "copy data". This will prevent those changes from being copied to the opposite control.

### When sensors with monitoring are used

- ⇒ Always setup the controls and have the doors operating as desired before connecting safety sensors. This will ensure that any settings that are typically needed are already copied.
- ⇒ Door mounted sensors should be connected to the control operating the door leaf that they are mounted on.
- ⇒ When monitored sensor wiring is different between controls you want to select "no" when asked to "copy data" when exiting programming.
- ⇒ NABCO does not recommend overhead safety sensors on low-energy pairs where doors are used manually. When overhead safety sensors are used on pairs of full automatic doors, the monitoring should only be active on the control the sensor is connected to, typically the "Type 2". Again avoid "copy data".
- ⇒ When setting up a GT1400 bi-fold door, adjustments should be made on each control individually, then select "no" to "copy data". This avoids sensor monitoring settings from being copied.

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