
SUPPLEMENTAL INSTRUCTIONS

Secondary I/O Board Upgrade Kit 8620-322

Overview

MC5600-C upgrade kit 8620-322 is for use with the MC5300-C controller (see Table 1).

The 8620-322 kit consists of:

- 8612-067 Secondary I/O Board
- 18" Cable
- Standoff Purse Lock Wire Tie
- Phillips Head Screws (4)
- Upgrade Identification Label
- 7960-897 Supplemental Instructions

The MC5300-C controller allows for control of 1 to 3 Bard wall-mount units. The 8620-322 upgrade kit allows for unit operation of 1 to 6 Bard wall-mount units. See the latest version of MC5000 Series Installation and Operation Instructions 2100-746 for user setup and a full description of features and benefits.

Installation

IMPORTANT: Bard recommends the use of personal grounding straps to prevent static electricity shorts to electronic controls.

1. Disconnect power to the controller by disabling power to all connected units.

TABLE 1
MC5000 Series Controller Upgrade Kit Matrix

Controller	MC5300-BC	MC5600-C	MC5600-BC
MC5300-C	8620-321	8620-322	8620-321, 8620-322, 8620-323
MC5300-BC*	--	8620-322	8620-322, 8620-323
MC5600-C	--	--	8620-323
MC5600-BC	--	--	--
Upgrade Kit			
8620-321	Includes 8612-068 Main Alarm Board		
8620-322	Includes 8612-067 Secondary I/O Board		
8620-323	Includes 8612-069 Secondary Alarm Board		

* Includes main alarm board

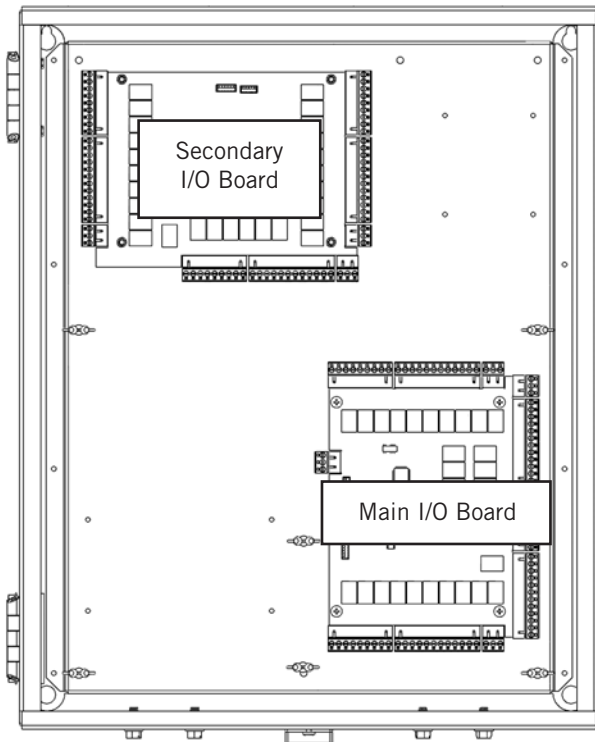


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- Open door of controller and locate the pre-drilled holes on the top left of the controller back. Using the screws provided, attach the secondary I/O board to the back as shown in Figure 1. Make sure that all four stand-offs on the back of the board are attached (stand-offs are supplied attached to the board).

FIGURE 1
Mount Secondary I/O Board to Controller Back



- Plug one end of the 18" cable into the secondary I/O board and the other end into the main I/O board as shown in Figure 2. The ports on the boards are labeled (1ST I/O on secondary board and 2ND I/O on the main board) and the plugs are designed to fit only one way.
- Place purse lock wire tie in pre-drilled hole located above and to the right of the secondary I/O board to use to secure all loose wiring for neatness (see Figure 2).
- Attach upgrade identification label to the inside door of the controller as shown in Figure 3. Place the label to the left of the controller model/serial label. This label will indicate what upgrade kit is installed in the controller.
- Reapply power to the controller by reapplying power to all connected units.

FIGURE 2
Use Cable to Connect Boards

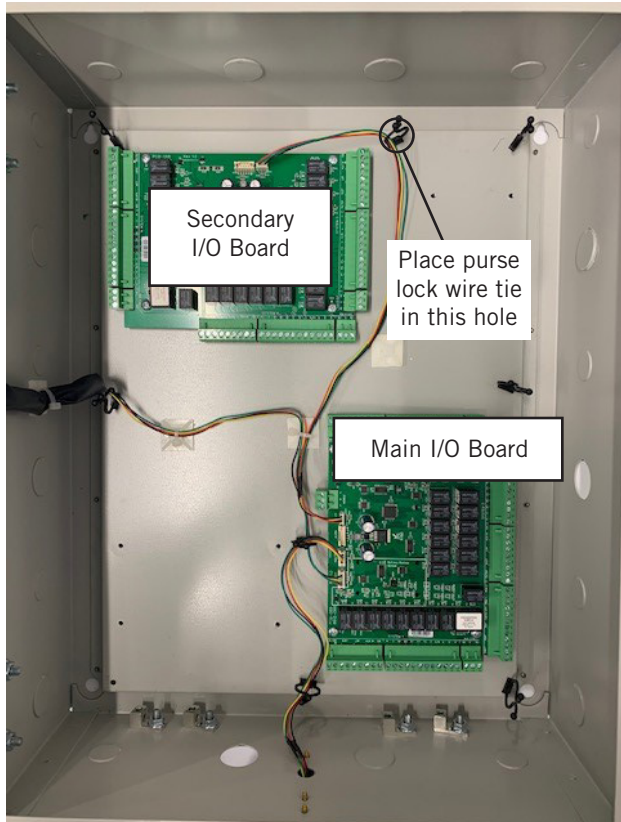
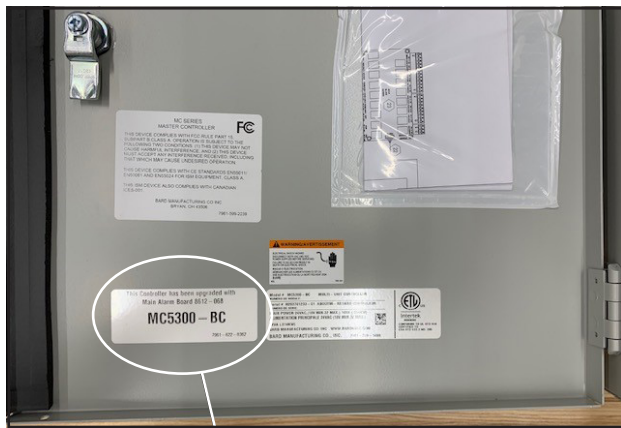


FIGURE 3
Place Upgrade Identification Label on Inside of Door



Upgrade Identification Label

NOTE: Label shown above for placement purposes and may not be representative of actual label used in kit.

After the secondary I/O board has been installed, see the latest version of MC5000 Series Installation and Operation Instructions 2100-746 for information on setting the correct number of units that the controller is controlling.