

Revision 0.2



REPLACING SAFETY BOARD PROCEDURE

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The safety board is the main processor that stores all parameters. When replacing a safety board, it will erase all the factory parameters and field parameters that were adjusted. The replacement safety board will be shipped with software already programmed on the safety board and the factory parameters will be adjusted to the setting that were shipped with the original controller. However, there are two methods of replacing a safety board.

Option 1 (If original safety board was not shorted and has a bluetooth module on it)

- 1) Make sure the Alpha+ APP is downloaded on your phone, if you do not have access to the app, refer to the “Alpha+ Phone Guide”. The Alpha+ App is required to pull parameters from the original safety board.
- 2) Turn on power to the safety board. Using the Alpha+ Phone Guide Document, you will download the parameters off the original safety board.
- 3) Power off the controller. Remove all the terminal plugs from the safety board and the CAT 5. Unscrew the top two screw and the bottom two screw from the safety board.
- 4) Take the replacement safety board and screw in the top and bottom two screws into the gray standoff. Plug in all the terminal plugs to the safety board and the CAT 5.
- 5) Turn the power back on, and connect the Alpha+ App to the replacement safety board. Using the Alpha+ Phone Guide Document, you will upload the parameter file that was downloaded from step 2.
- 6) Swapping of the safety board is complete.

Option 2 (If original safety board cannot be connected to via Bluetooth)

- 1) With the original safety board still connected, power on the controller. Go to *MAIN MENU* → *SETUP* → *SLOWDOWNS AND STOPS*.
 - a. Record 5-digit value for *SLOWDOWN GOING UP*: _____
 - b. Record 5-digit value for *SLOWDOWN GOING DOWN*: _____
 - c. Record 3-digit value for *LEVELING STOP UP*: _____
 - d. Record 3-digit value for *LEVELING STOP DOWN*: _____
 - e. Record 3-digit value for *RELEVEL STOP UP*: _____
 - f. Record 3-digit value for *RELEVEL STOP DOWN*: _____
- 2) Go to *MAIN MENU* → *SETUP* → *FLOOR LEVELS* → *ADJUST ANY FLOOR*.
 - a. Record 6-digit value for all floors that is applicable.
LANDING 1: _____
LANDING 2: _____
LANDING 3: _____
LANDING 4: _____
LANDING 5: _____
LANDING 6: _____
LANDING 7: _____
LANDING 8: _____

- 3) Make note of any parameter settings that were changed in the field in the box below (this can be parameters like inputs that were moved or programmed/deprogrammed, timer settings that were made, any features that were turned on, etc).
- 4) Power off the controller. Remove all the terminal plugs from the safety board and the CAT 5. Unscrew the top two screw and the bottom two screw from the safety board.
- 5) Take the replacement safety board and screw in the top and bottom two screws into the gray standoff. Plug in all the terminal plugs to the safety board and the CAT 5.
- 6) Put the elevator on MR inspection. Power on the controller and enter in the value from STEP 1-STEP 3. Go to the real time clock and make sure the date/time are set correctly. The elevator should be good to run on normal operation.