PROJECT 2000® TOPLINE BEDLIFTING PLUS PROGRAMMING STOP POSITIONS (EU)

TI-360

POWER AND MOTION

Purpose

This document outlines the procedure for programming new stop positions in the event flash memory has been emptied (erased).

NOTE: Images used in this document are for reference only when assembling, installing and/or operating this product. Actual appearance of provided and/or purchased parts and assemblies may differ.

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels.

⚠ CAUTION

The "CAUTION" symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.

⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Procedure

For the controller to work properly, at least one stop position (limit) must be set. Typically, this is the lowest position the bed can reach.

The controller can be programmed with up to five stop positions, and will automatically detect the lowest of those positions as its limit-reference. The programmed stop positions are stored in flash memory.

When activating the system, if the red lights (Fig. 1E and F) start flashing one second on/one second off, then flash memory is empty. The existing stop positions are erased as soon as the programming mode is selected. If the board loses power at any position before step 6, the stop positions will not be saved to memory. When activating it after power is restored the red warning lights (Fig. 1E and F) will be flashing.

The bed can only be raised when a new setting is stored in memory.

Programing New Stop Positions

To create a new, or sequence of, stop position(s), do as follows;

NOTE: Some control panels have a keyed switch, others (Fig. 1) do not.

1. Make sure the controller is activated.
   - **A.** If the two arrow-shaped lights (Fig. 1A) are on, proceed to step 2.
   - **B.** If the arrow lights do not come on immediately after the controller is activated, press and hold the UP button (Fig. 1B) for about six seconds until the lights turn on.
   - **C.** If after six seconds the lights do not turn on, make sure the system has power.
     - **I.** Unplug the harness from the back of the controller, wait a moment then reconnect.
     - **II.** Repeat steps A. or B.

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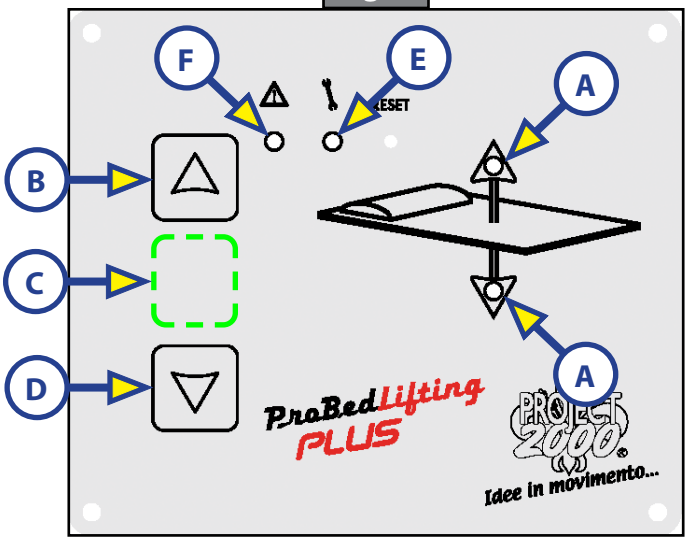
Fig. 1



2. A hidden (NULL) button (Fig. 1C) is located between the UP and DOWN buttons to initiate the stop position program and to set the stop positions. To initiate the stop position program use steps A-C.

NOTE: The buttons must be pressed slowly, keeping approximately a one second gap between presses.

- **A.** Press and hold the NULL button while pressing the UP button (Fig. 1B) twice, then press the DOWN button (Fig. 1D) twice, then finally press the UP button once.
- **B.** The green light with the wrench icon (Fig. 1E) should turn on.
- **C.** If the green light (Fig. 1E) does not turn on, release the hidden NULL button and repeat step A.

3. If the memory was empty, the red warning light (Fig. 1F) will keep flashing. Before continuing with the following operations, it is necessary to reach the end-of-stroke position. The controller does not allow storage of any data until the end-of-stroke position is detected. To program stop positions:

⚠ CAUTION

The controller does not allow storage of any data until the end-of-stroke position is detected. The end-of-stroke position MUST be set before operating the system.

4. Press and hold the UP switch (Fig. 1B) to reach the bed's end-of-stroke position.

NOTE: The bed will automatically stop: **DO NOT** release the UP switch until the bed has stopped. If the red warning light (Fig. 1F) was flashing, it will turn off when the end-of-stroke position is reached.

5. Starting from the end-of-stroke position, set the other stop positions. Press the DOWN button (Fig. 1D) until the desired position is reached.
6. To store this stop position, press and hold the hidden (NULL) button, then press the DOWN button at the same time. The green lights indicating the bed direction (Fig. 1A) will both turn off, communicating the data was stored.

NOTE: If data is stored without having reached the end-of-stroke position first, the red warning light (Fig. 1F) will turn on and will remain on until the buttons are pressed.

7. To set other stop positions, move the bed with the UP and DOWN buttons then repeat step 6 to store the other positions.

NOTE: It is not necessary to store stop positions in sequence, since the controller will sort them automatically.

8. To exit the programming mode at any time without setting five stop positions, press and hold the UP button (Fig. 1B) and then press the hidden (NULL) button (Fig. 1C).

NOTE: If five stop positions are stored, the controller will automatically exit the programming mode.

9. Data are sorted in a sequence in the memory before exiting the programming mode.

A. The green light (Fig. 1E) will turn off indicating programing operations are done.

B. The controller is now ready for use.