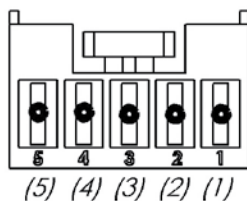


5.3.2 MOTOR CONNECTIONS



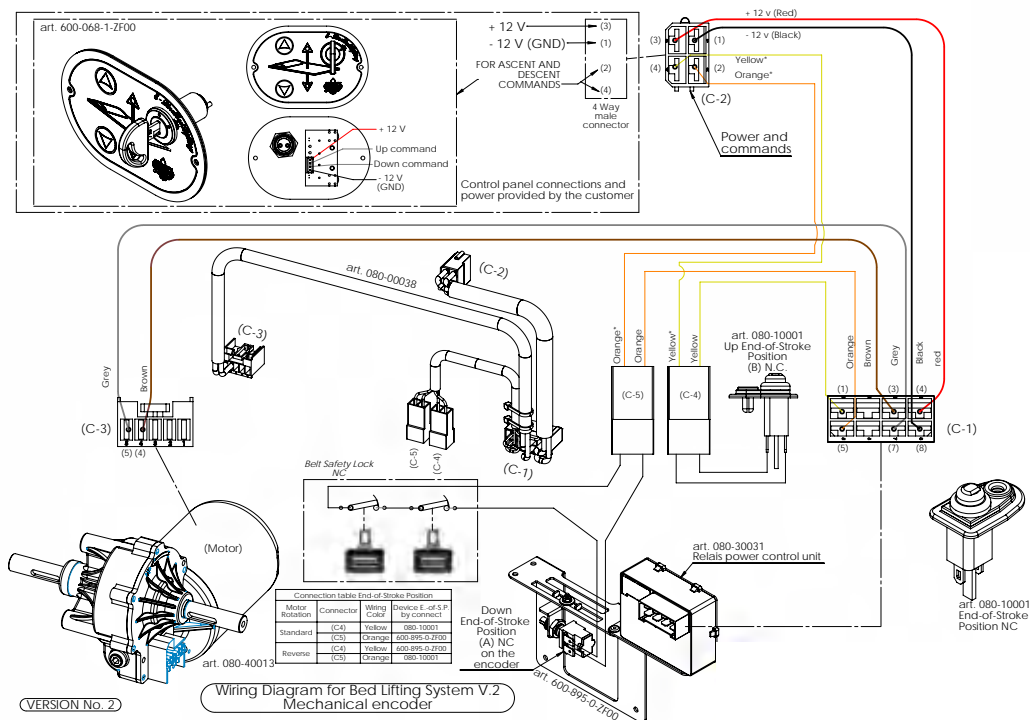
(C-3) PICTURE. 2 – MOTOR CONNECTOR, WIRE INLET, SIDE VIEW

Silk-screen printing	Logic ID	Range	Clamps	Features - description
(C-3)	MOT2	0 - 12Vdc	PIN 5	Motor (GREY)
	MOT1	0 - 12Vdc	PIN 4	Motor (BROWN)
		Not used	PIN 3	Not used
		Not used	PIN 2	Not used
		Not used	PIN 1	Not used

The motor has a 5-pole connector for a female movable connector represented in picture 2. The picture shows the connector from the cables connection side.

Wires No. 4 and 5 are motor connections, for the wiring please refer to diagram in picture 2.

5.3.3 WIRING



PICTURE 3.A – WRING DIAGRAM

The diagram in picture 3.A summarizes all of the connections between the board and the other items that should be established in order for the system to work correctly.

The motor connections (pin 3 and 7 of the 8-pole connector) and power connections (pins 4 and 8 of the 8-pole connector) must be carried out exactly as shown in the picture, paying attention to use cables with a minimum section of 4 mmq.

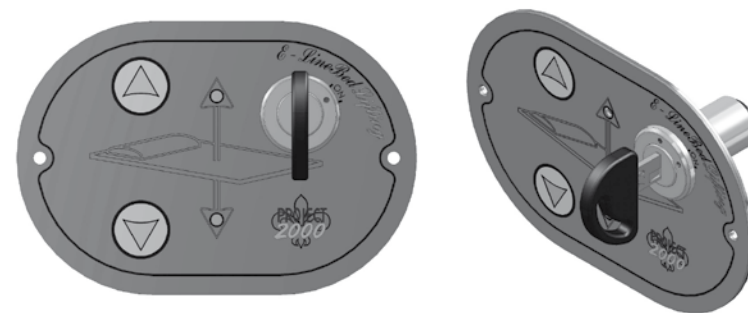
Follow the instructions provided with the bed lifting system (wiring diagram).

Comply with current CEI regulations during the installation operation.

The Manufacturer provides a set of standard cables for installation with the bed lifting system. After electric installation it will be possible to start up and test the system.

The Manufacturer shall be held harmless for any bed lifting system malfunctioning caused by not perfectly functioning electric system connections and to an wrong installation on the vehicle.

5.3.4 STARTING AND OPERATING



PICTURE 4.A – CONTROLLER FRONT PANEL WITH MECHANICAL ENCODER

The bed moves vertically in a specific structure developed to this purpose and its stroke is limited by two ends:

- on the upper side, the stroke is limited by an end-of-stroke sensor;
- on the lower side, the limit is represented by the lowest position set, BY MEANS OF REGULATING THE END-OF-STROKE LOCATED ON THE MECHANICAL ENCODER.

The bed can be lifted or lowered **through activation in "ON" position of the key switch located on the panel** and

by pressing the arrow-shaped switches on the front panel. When pressing the UP (arrow up) switch the bed will be lifted and it will go down when pressing the DOWN switch.

Two green LED-lights are located on the controller panel and they will simultaneously switch on. Durante il movimento del letto sarà acceso solo il led corrispondente al senso di marcia.

The bed will be moving until you keep pressing the switch and it will stop when:

- The switch is released;
- A pre-set stop position is reached;
- The bed is being lifted and the end-of-stroke position is reached.

The bed will move by pressing one of the switches again, unless one of the following conditions is detected:

- The bed is in the end-of-stroke position and the UP switch is kept pressed;
- The bed is in the lower programmed position and the DOWN switch is kept pressed.

In these two situations the bed will not move because the pre-set end-of-stroke positions for operation are reached and it is not possible to overcome them.



WARNING!
Be very careful when operating the bed lifting system
and make sure children are not standing in the bed lifting system operation area