

POWER AND MOTION

Purpose

This document outlines the process of setting the Advanced Control System (ACS) limit stops.

⚠ WARNING

Bed lifting systems may cause death, serious injury or property damage if improperly used and/or protected. When operating the bed lifting system, clear operation area of obstructions. Do not reach into the bed lifting system components while the system is being operated.

Procedure

NOTE: The stop positions should be factory set in the neutral position (Fig. 1A). If they are not, turn screws (Fig. 2A and B) clockwise until bedlift is in the neutral position. One full rotation of the screw is approximately one inch of movement up or down.

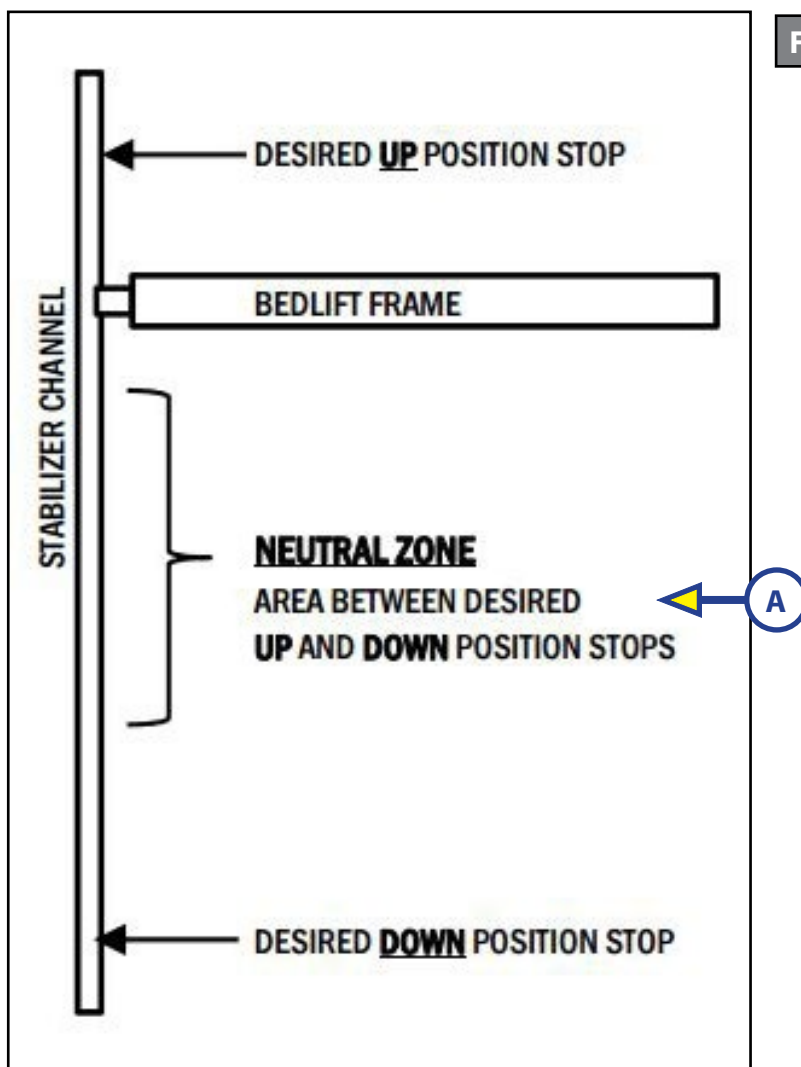


Fig. 1

POWER AND MOTION

Setting the UP Position

1. If equipped, make sure the safety belts are unfastened.
2. Turn the key switch to the ON position (Fig. 3D) located on the key pad.
3. Press and hold the UP arrow-shaped switch (Fig. 3A) on the key pad. A green LED light (Fig. 3C) on the key pad will turn on in the direction the bed is moving. The bed will keep moving until it reaches the pre-set stop position.
4. If the bed lift stops too low, turn the white screw (Fig. 2A) in the ACS module counterclockwise. This will allow the bed lift to move higher. If the bed lift stops too high, turn the white screw (Fig. 2A) clockwise until the bed lift stops lower.

NOTE: One full rotation of the screw is approximately one inch of movement up or down.

5. Press the UP arrow (Fig. 3A) and DOWN arrow (Fig. 3B) to run the bed lift system after each adjustment of the screw. If necessary, repeat this procedure until desired stop location is obtained.

Fig. 2

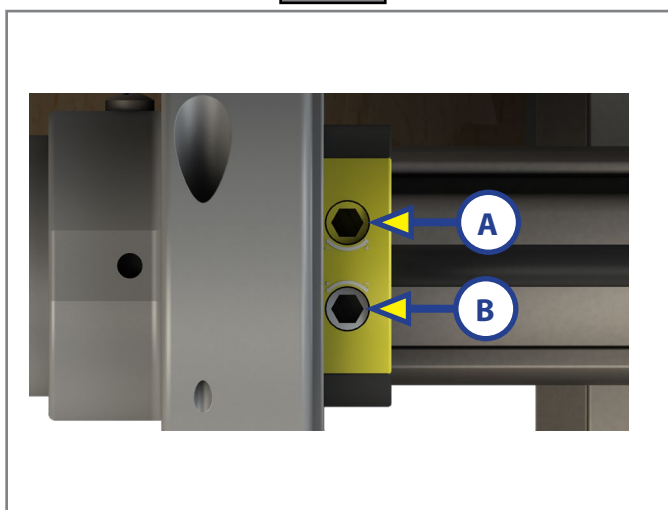
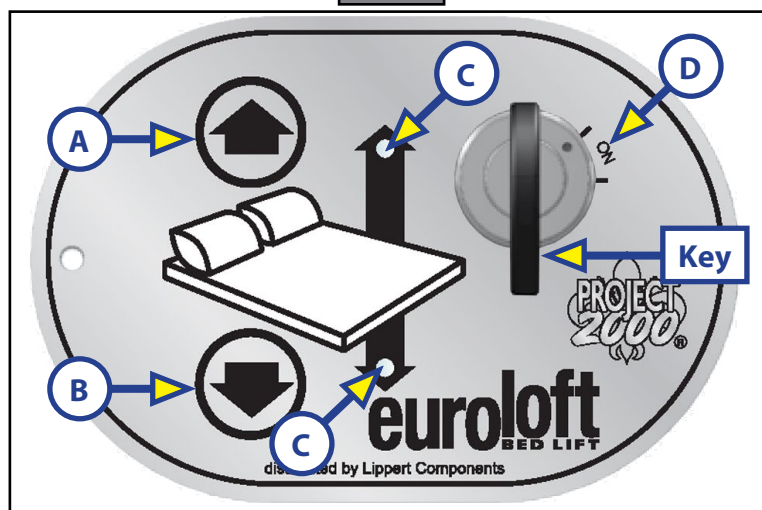


Fig. 3



Setting the DOWN Position

1. If equipped, make sure the safety belts are unfastened.
2. Turn the key switch to the ON position (Fig.3D) located on the key pad.
3. Press and hold the DOWN arrow-shaped switch (Fig. 3B) on the key pad. A green LED light (Fig.3C) on the key pad will turn on in the direction the bed is moving. The bed will keep moving until you reach the pre-set stop position.
4. If the bed lift stops too high, turn the yellow screw (Fig. 2B) counterclockwise. This will allow the bed lift to move lower. If the bed lift stops too low, turn the yellow screw (Fig. 2B) clockwise until the bed lift stops higher.

NOTE: One full rotation of the screw is approximately one inch of movement up or down.

5. Press the UP arrow (Fig. 3A) and DOWN arrow (Fig. 3B) to run the bed lift system after each adjustment of the screw. If necessary, repeat this procedure until desired stop location is obtained.

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