

# SELBY WALL BED Mechanisms

## Install · · Uninstall · · Adjust

### Installing the completed wall bed

#### On site material

- Wall Cabinet or Side Cabinets & Bridge
- Bed Platform & door panel
- Mattress
- 24mm Socket and wrench
- 6mm Allen Hex wrench
- Usual cabinet installation tools & supplies



### Wall Cabinets

Wall cabinets must be securely fastened to a structural wall that is plumb and square to the floor. Provide a cut away at the baseboard to insure a tight fit of the cabinet to the wall.

Your local or State government may require installation to be completed by a licensed contractor.

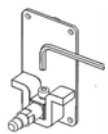
Installation must comply to local and State building codes that may apply.

Confirm that inside opening width of the cabinet to receive the bed platform is EXACTLY 60mm + 1/32" - 0" wider than the outside width of the bed frame including the mechanism if mounted exposed

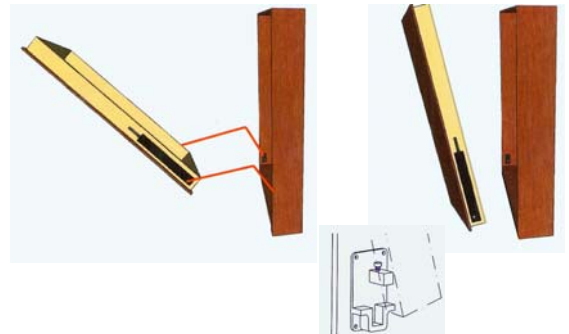
### Bed Platform

**Make all assembly connections and adjustments with the platform at 15° from vertical !**

Lift the foot of the platform above the head of the platform and lower the into the cabinet and engage the square "saddle" of the pivot mount plate. The door panel must pass in front of and under the mount plate saddle.



Lift and close the platform door. Then open the platform completely to insure there is no obstruction of motion. Turn and tighten the handles to take up any slack by hand. Both sides must be equally tight. Use NO



Adjust the door reveals by adjusting the M8 X 30mm Hex Head Cap Screw in the square axles at the mount plate saddle with a 6mm Hex Wrench.

Install the mattress in or on the bed frame platform.

Lift the door platform to 15° from closed, (about 24" open at the top) and adjust



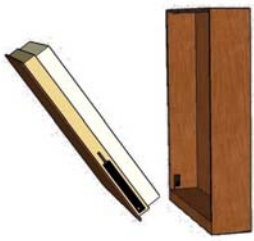
**To Uninstall reverse the installation sequence.**

### Adjusting the Selby Wall Bed

The Patented Pardo counter balance mechanism is designed to function in a specific weight range. The total weight of the platform, bed frame and mattress must be within the design minimum and maximum limits of the mechanism to perform properly.

**Do Not Attempt to adjust the tension on the Pardo mechanism with the platform door in the full open position!**

- With the wall cabinet secured to a permanent structural wall you may start the adjustment procedure.
- Move platform door to an approximate 15° angle from vertical (about 24" opening at the top) and tighten by hand both the left and the right tension handles until they no longer turn without force. **-See Next Page -**



**Mattress Must be in Place  
to adjust Tension**

Right and left mechanism are now both evenly adjusted and balanced and that the springs are uniformly engaged.

- With the platform at 15° from vertical use a 24MM socket and wrench to SEQUENTIALLY tighten both mechanisms an equal number of turns in multiples of 8 to 10 strokes at a time. (The bed frame will obstruct full turns) Tighten one side and then the other to maintain equal balance. A 24MM socket and a ratchet wrench are suggested to avoid damage to the plastic cap on the adjusting handle and to apply proper torque.
- Lower the platform door until the bed is parallel to the floor. At this point you may judge for yourself if the weight of the bed is too heavy, tighten tension handles further (Always in the vertical position) to obtain the perfect setting.



### Pardo Counter Balance System Part

1. Counter Balance Equilibrators
2. Pivot mount Plates
3. Support Legs/ Mattress Retainer
4. Fastener & Parts bag

Equilibrators are "handed" left and Right.

Note the square axle location "A" on this image is the Left equilibrator and must be positioned on the left side of the bed frame.

### **SELBY Furniture Hardware Company**

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